

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082475.D
 Acq On : 23 Oct 2015 19:55
 Operator : UM/IZ
 Sample : PB86271BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Quant Time: Oct 24 04:52:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	108754	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	429730	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	213800	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	413732	20.00	ng	0.00
75) Chrysene-d12	13.96	240	372232	20.00	ng	0.00
86) Perylene-d12	15.44	264	312793	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	610394	113.28	ng	0.01
7) Phenol-d6	6.41	99	815533	116.30	ng	0.00
23) Nitrobenzene-d5	7.33	82	492614	76.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	195412	97.46	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1073283	83.25	ng	-0.01
78) Terphenyl-d14	12.88	244	1040944	74.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	74703	27.59	ng	98
3) Pyridine	3.04	79	197781	31.41	ng	97
4) n-Nitrosodimethylamine	3.02	42	90031	33.71	ng	89
6) Aniline	6.42	93	146101	16.16	ng	# 1
8) 2-Chlorophenol	6.54	128	221830	33.72	ng	# 79
9) Benzaldehyde	6.30	77	86148	24.06	ng	96
10) Phenol	6.42	94	308636	38.17	ng	100
11) bis(2-Chloroethyl)ether	6.49	93	216514	31.67	ng	91
12) 1,3-Dichlorobenzene	6.69	146	250571	32.71	ng	96
13) 1,4-Dichlorobenzene	6.77	146	258272	32.28	ng	97
14) 1,2-Dichlorobenzene	6.77	146	259885	34.21	ng	96
15) Benzyl Alcohol	6.91	79	178322	36.84	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	311450	32.71	ng	80
17) 2-Methylphenol	7.03	107	190610	36.64	ng	93
18) Hexachloroethane	7.26	117	87923	32.11	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	164918	33.49	ng	# 90
20) 3+4-Methylphenols	7.19	107	242677	39.15	ng	# 60
22) Acetophenone	7.18	105	317990	37.41	ng	# 87
24) Nitrobenzene	7.35	77	246390	35.57	ng	91
25) Isophorone	7.59	82	450727	34.90	ng	96
26) 2-Nitrophenol	7.67	139	127309	36.81	ng	92
27) 2,4-Dimethylphenol	7.71	122	223330	40.08	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	271868	36.18	ng	99
29) 2,4-Dichlorophenol	7.91	162	207872	37.32	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	224331	34.94	ng	98
31) Naphthalene	8.07	128	676367	36.31	ng	99
32) Benzoic acid	7.85	122	111606	29.84	ng	96
33) 4-Chloroaniline	8.13	127	89762	11.60	ng	96
34) Hexachlorobutadiene	8.17	225	129053	32.26	ng	98
35) Caprolactam	8.50	113	59506	36.81	ng	# 78
36) 4-Chloro-3-methylphenol	8.63	107	214098	39.30	ng	85
37) 2-Methylnaphthalene	8.75	142	441026	34.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	238567	37.51	ng	99
40) Hexachlorocyclopentadiene	8.90	237	151957	50.63	ng	97

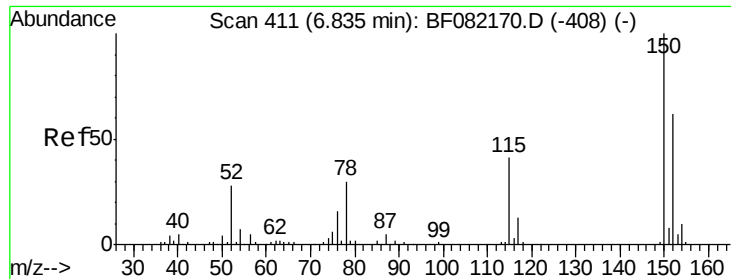
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082475.D
 Acq On : 23 Oct 2015 19:55
 Operator : UM/IZ
 Sample : PB86271BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	145139	34.36	nq	97
43) 2,4,5-Trichlorophenol	9.10	196	154441	33.75	nq	96
45) 1,1'-Biphenyl	9.22	154	568303	34.86	nq	99
46) 2-Chloronaphthalene	9.25	162	438518	34.17	nq	# 93
47) 2-Nitroaniline	9.36	65	135183	38.37	nq	# 68
48) Acenaphthylene	9.67	152	746162	37.32	nq	99
49) Dimethylphthalate	9.53	163	534055	35.47	nq	100
50) 2,6-Dinitrotoluene	9.60	165	121558	38.27	nq	# 88
51) Acenaphthene	9.84	154	434425	36.19	nq	99
52) 3-Nitroaniline	9.77	138	49113	13.69	nq	99
53) 2,4-Dinitrophenol	9.89	184	113823	65.39	nq	97
54) Dibenzofuran	10.01	168	660162	40.06	nq	99
55) 4-Nitrophenol	9.95	139	125118	57.01	nq	87
56) 2,4-Dinitrotoluene	10.01	165	158488	39.92	nq	90
57) Fluorene	10.35	166	540769	39.96	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	133282	35.65	nq	95
59) Diethylphthalate	10.23	149	532867	37.97	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	243231	39.23	nq	95
61) 4-Nitroaniline	10.39	138	114638	32.94	nq	96
62) Azobenzene	10.50	77	519659	37.84	nq	98
64) 4,6-Dinitro-2-methylphenol	10.41	198	86305	37.17	nq	# 54
65) n-Nitrosodiphenylamine	10.47	169	449793	36.31	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	153233	37.01	nq	97
67) Hexachlorobenzene	10.89	284	154243	34.44	nq	# 57
68) Atrazine	11.01	200	158808	40.47	nq	93
69) Pentachlorophenol	11.10	266	140962	61.17	nq	98
70) Phenanthrene	11.31	178	802832	39.59	nq	100
71) Anthracene	11.37	178	808968	38.71	nq	98
72) Carbazole	11.53	167	733586	38.48	nq	98
73) Di-n-butylphthalate	11.85	149	834699	35.49	nq	100
74) Fluoranthene	12.50	202	826224	37.93	nq	99
76) Benzidine	12.63	184	250736	23.24	nq	97
77) Pyrene	12.73	202	831748	37.65	nq	99
79) Butylbenzylphthalate	13.36	149	383253	38.02	nq	96
80) Benzo(a)anthracene	13.94	228	678813	35.05	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	159561	21.70	nq	99
82) Chrysene	13.99	228	661675	32.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	515279	35.83	nq	# 98
84) Di-n-octyl phthalate	14.60	149	898390	36.37	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	567692	35.00	nq	99
87) Benzo(b)fluoranthene	15.06	252	1283843	67.46	nq	# 96
88) Benzo(k)fluoranthene	15.06	252	1284260	80.29	nq	98
89) Benzo(a)pyrene	15.38	252	608216	37.19	nq	# 96
90) Dibenzo(a,h)anthracene	16.84	278	481595	35.93	nq	99
91) Benzo(g,h,i)perylene	17.24	276	457874	35.17	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

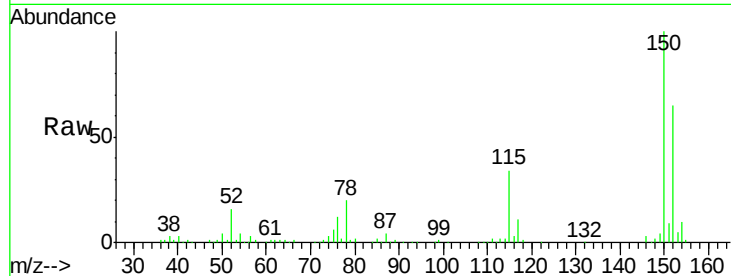


#1

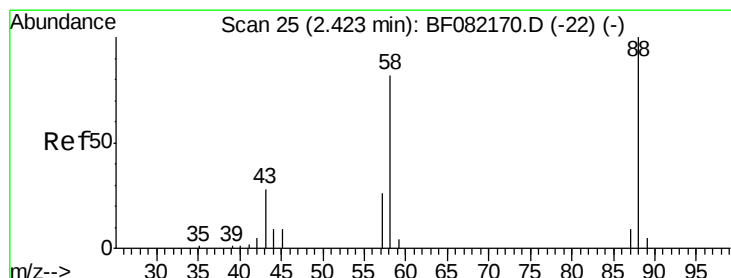
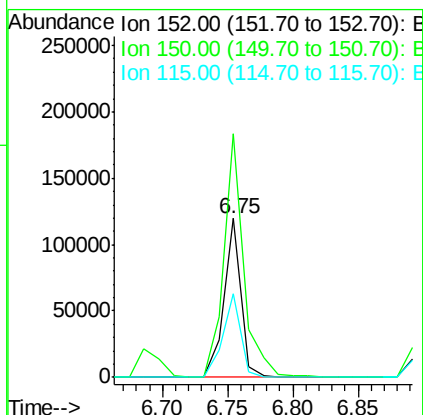
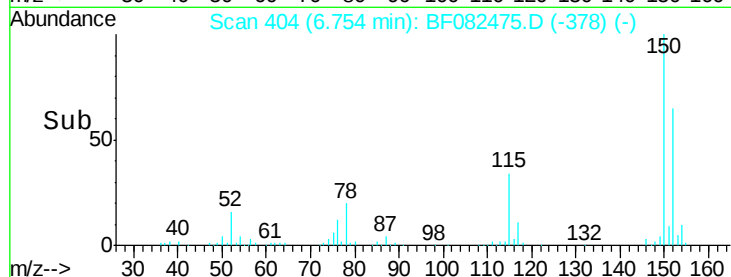
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tot Ion:152 Resp: 108754
Ion Ratio Lower Upper
152 100
150 153.5 129.0 193.4
115 52.9 52.1 78.1



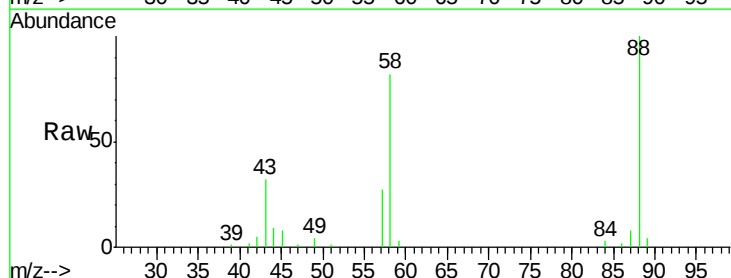
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



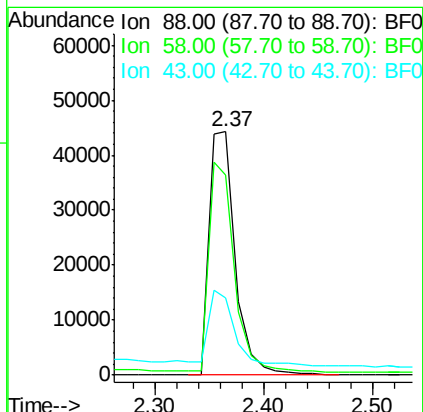
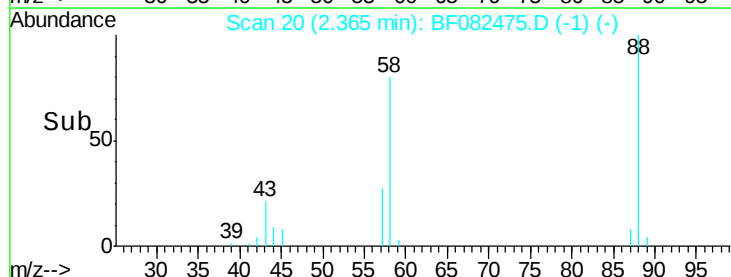
#2

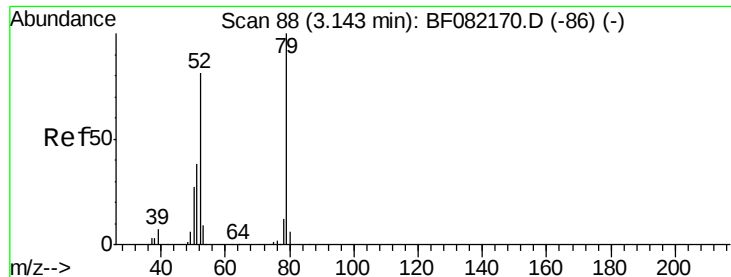
1,4-Dioxane
Concen: 27.59 ng
RT: 2.37 min Scan# 20
Delta R.T. 0.10 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion: 88 Resp: 74703
Ion Ratio Lower Upper
88 100
58 83.8 66.2 99.4
43 32.0 23.0 34.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.41 ng

RT: 3.04 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

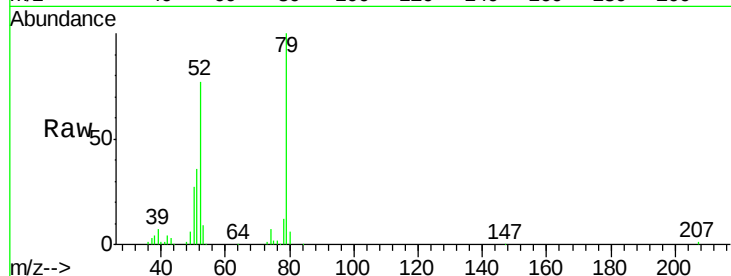
Tot Ion: 79 Resp: 197781

Ion Ratio Lower Upper

79 100

52 77.5 64.4 96.6

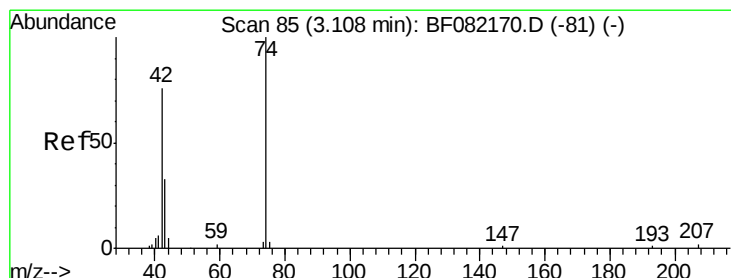
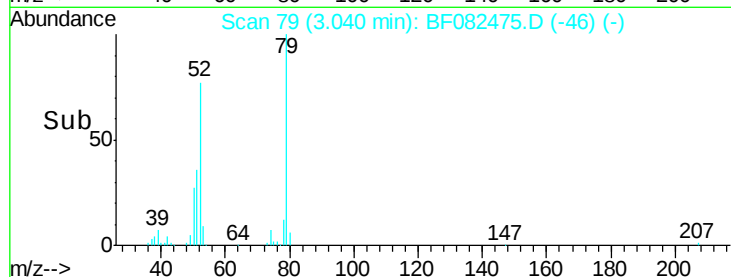
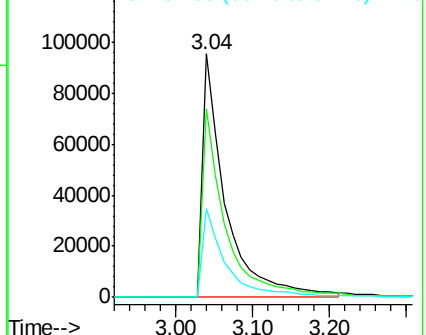
51 36.2 30.5 45.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.71 ng

RT: 3.02 min Scan# 77

Delta R.T. 0.08 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

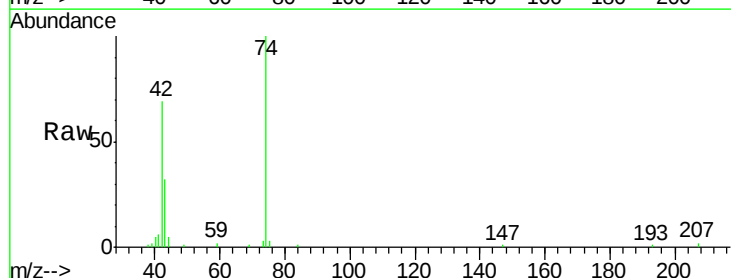
Tgt Ion: 42 Resp: 90031

Ion Ratio Lower Upper

42 100

74 145.7 105.7 158.5

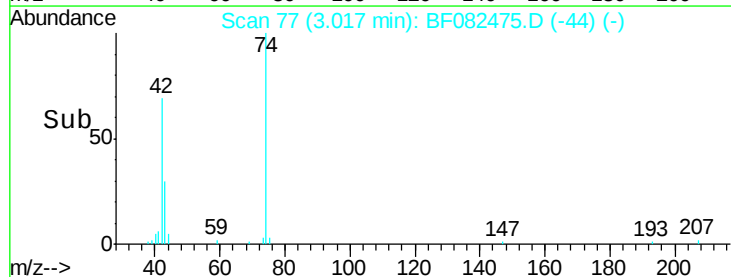
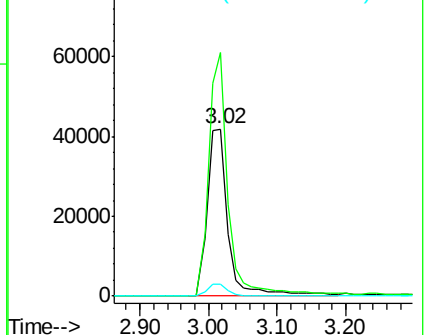
44 7.3 5.4 8.2

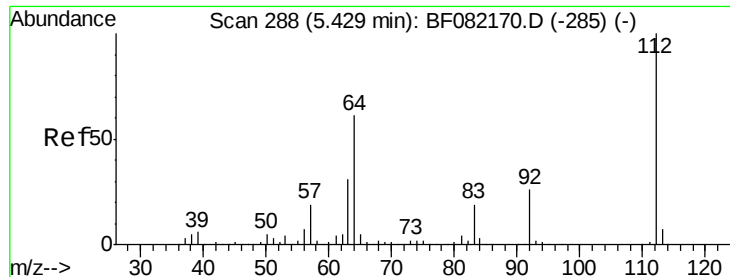


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.28 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

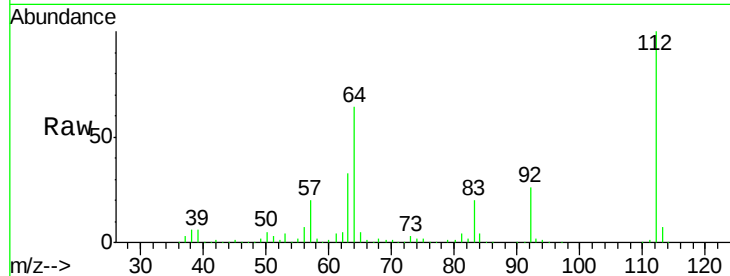
Tot Ion:112 Resp: 610394

Ion Ratio Lower Upper

112 100

64 64.1 48.6 73.0

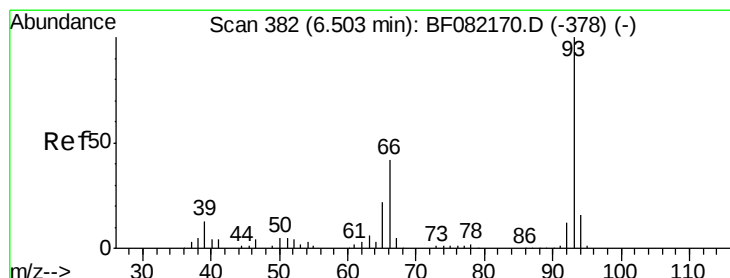
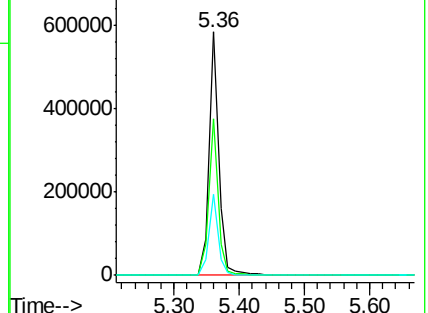
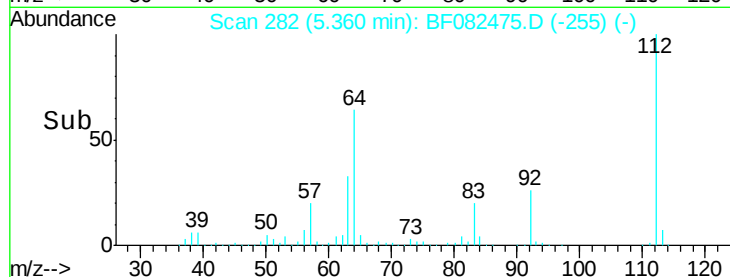
63 33.5 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.16 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

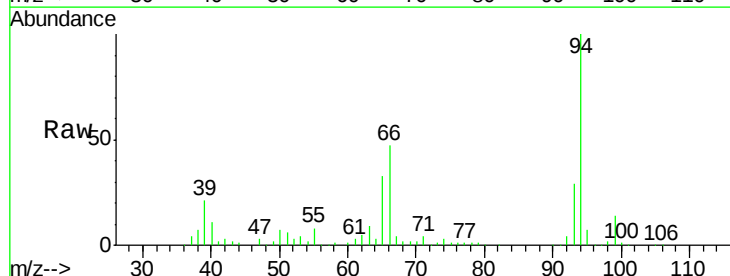
Tgt Ion: 93 Resp: 146101

Ion Ratio Lower Upper

93 100

66 159.4 34.2 51.2#

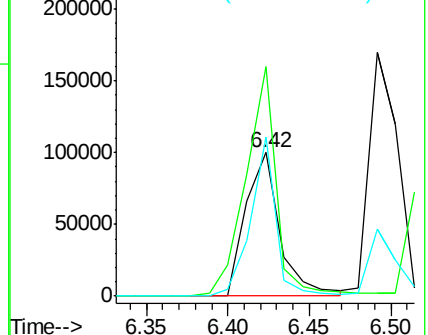
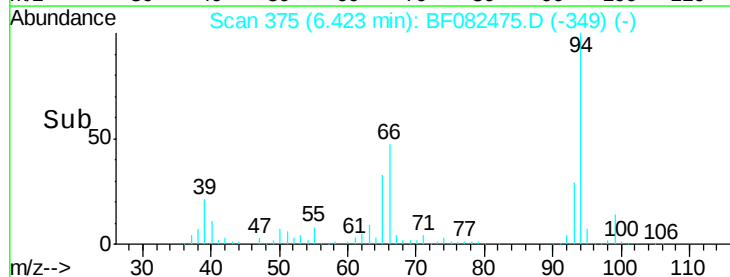
65 111.0 17.9 26.9#

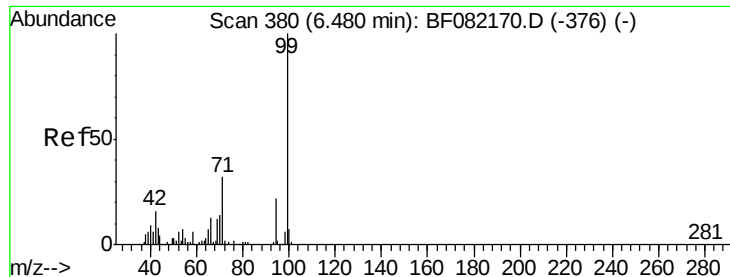


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.30 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

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ClientSampleId :

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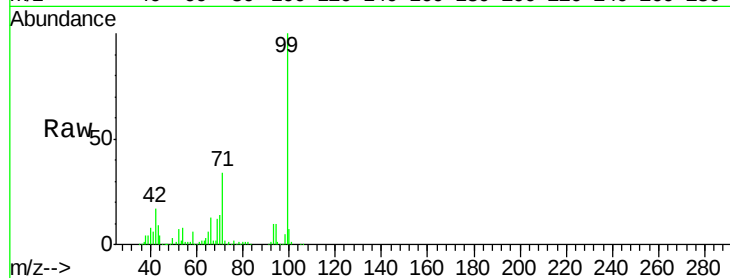
Tot Ion: 99 Resp: 815533

Ion Ratio Lower Upper

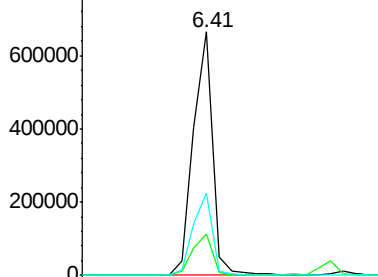
99 100

42 17.1 13.2 19.8

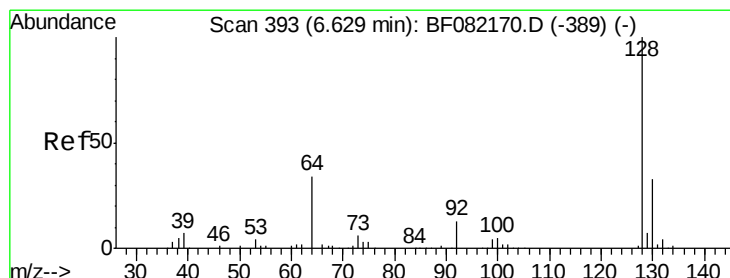
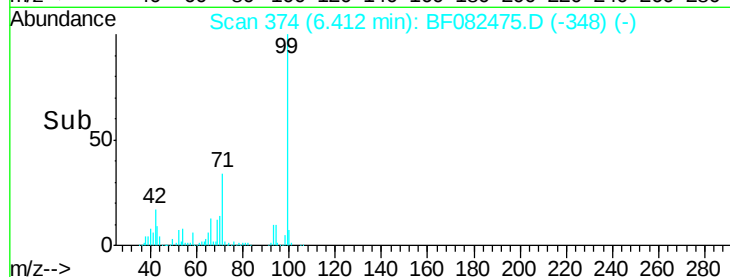
71 33.7 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



Time--> 6.30 6.40 6.50



#8

2-Chlorophenol

Concen: 33.72 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

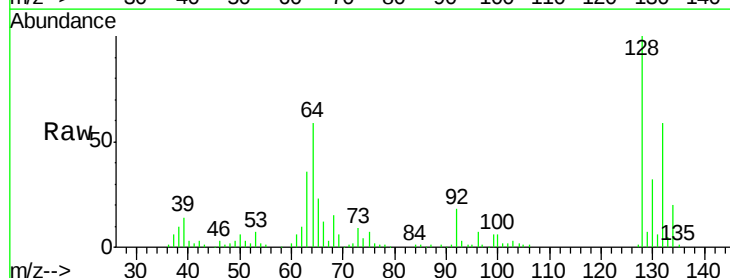
Tgt Ion: 128 Resp: 221830

Ion Ratio Lower Upper

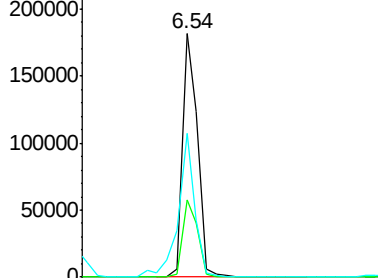
128 100

130 31.7 12.6 52.6

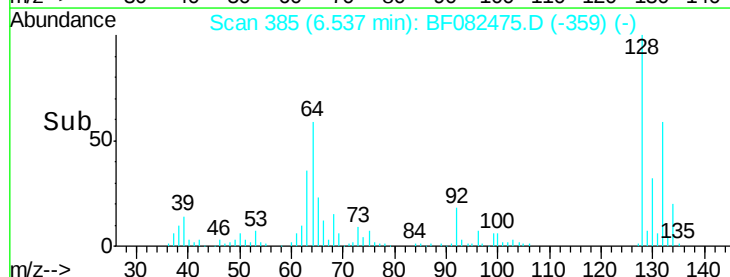
64 59.3 16.7 56.7#

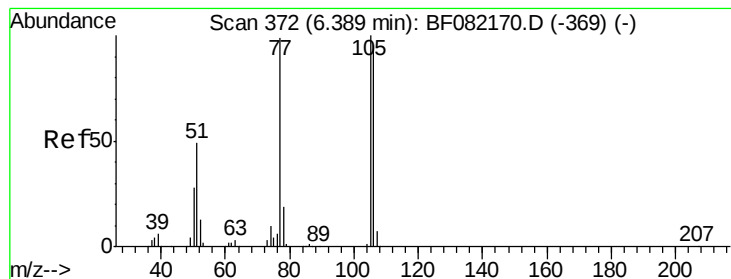


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time--> 6.50 6.60 6.70





#9

Benzaldehyde

Concen: 24.06 ng

RT: 6.30 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

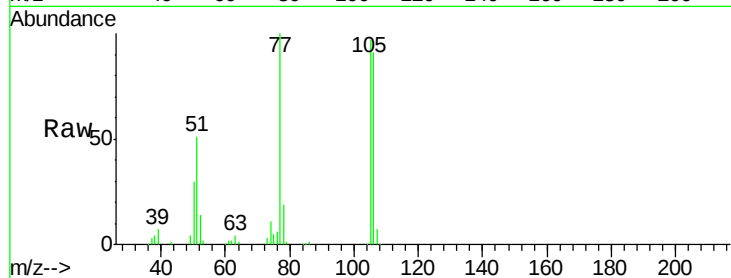
Tot Ion: 77 Resp: 86148

Ion Ratio Lower Upper

77 100

105 96.7 80.6 120.6

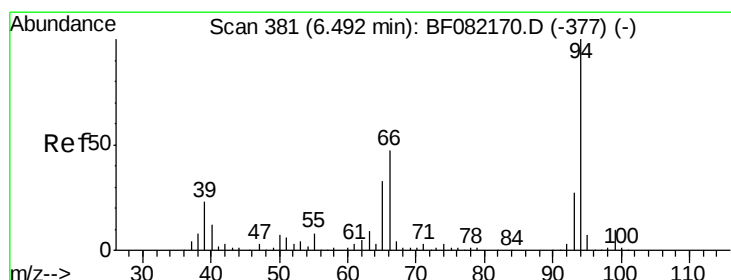
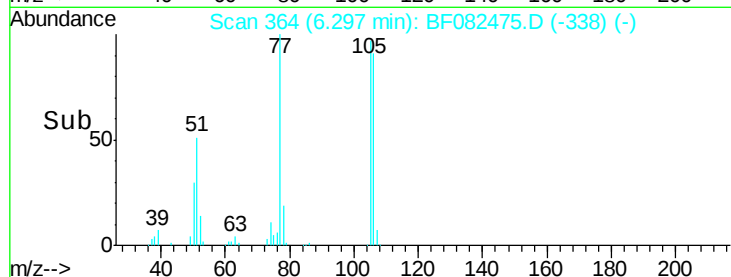
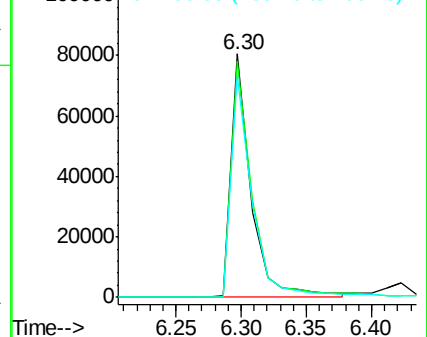
106 91.0 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.17 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

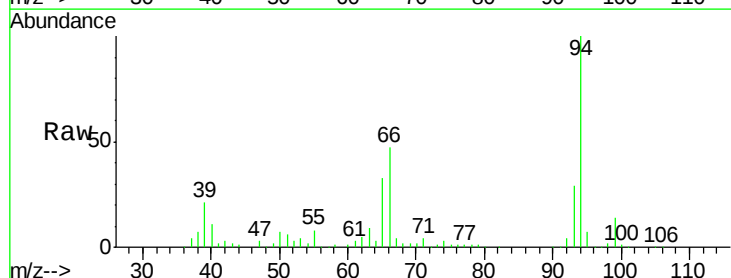
Tgt Ion: 94 Resp: 308636

Ion Ratio Lower Upper

94 100

65 32.7 12.6 52.6

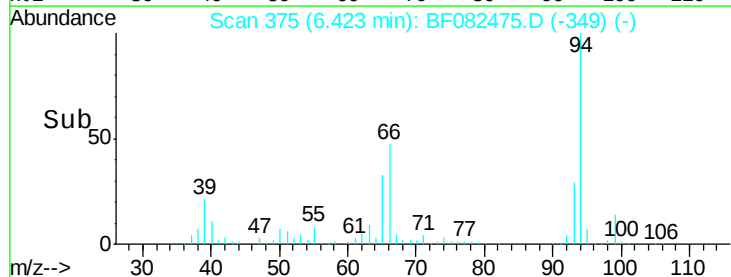
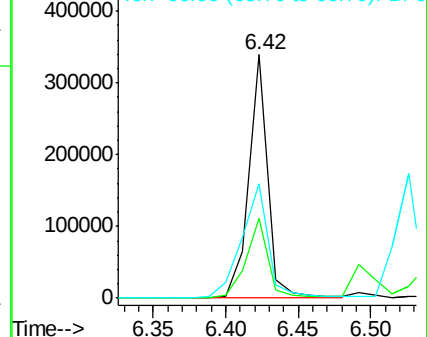
66 47.0 27.3 67.3

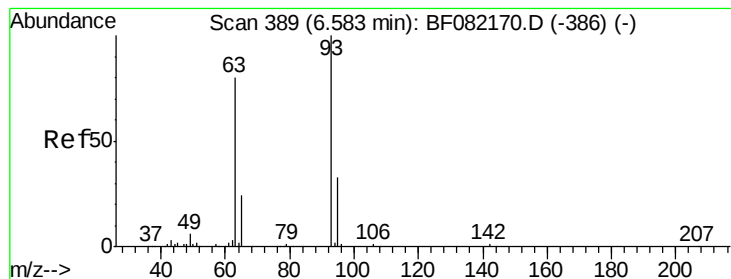


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

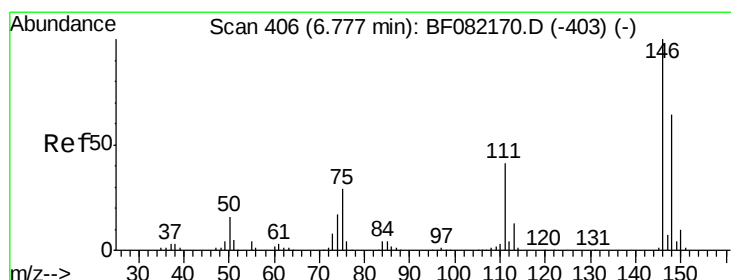
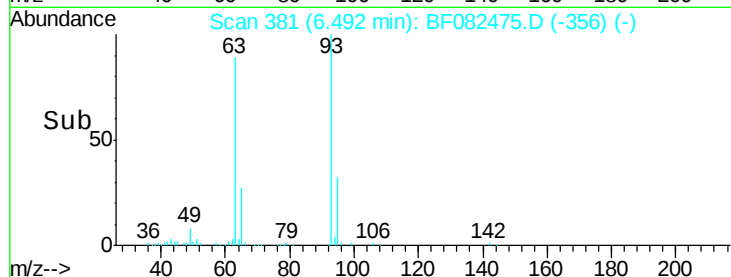
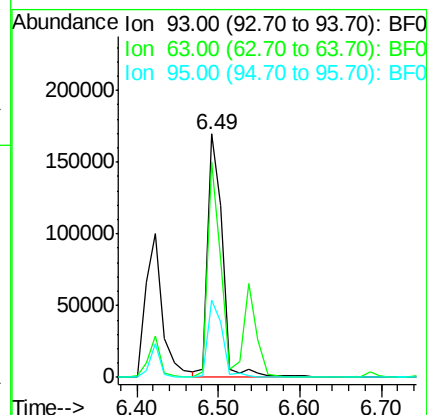
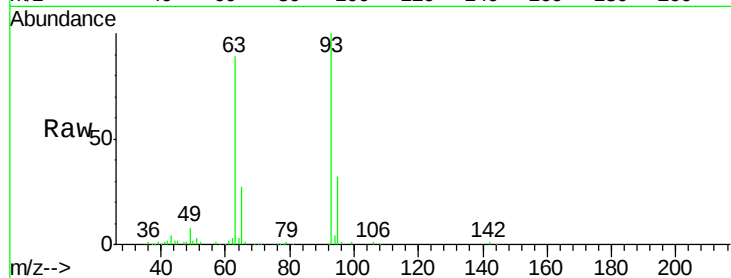




#11
bis(2-Chloroethyl)ether
Concen: 31.67 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

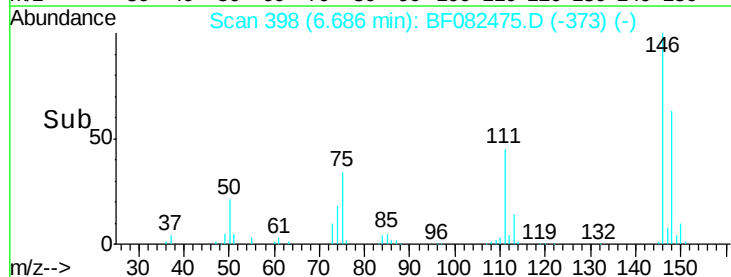
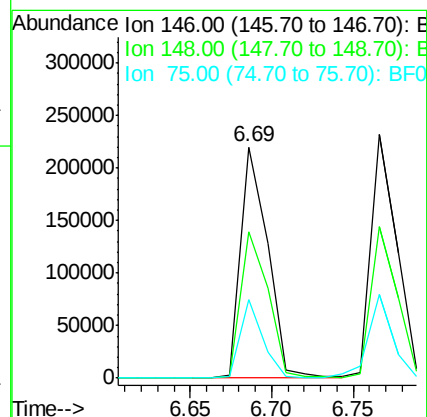
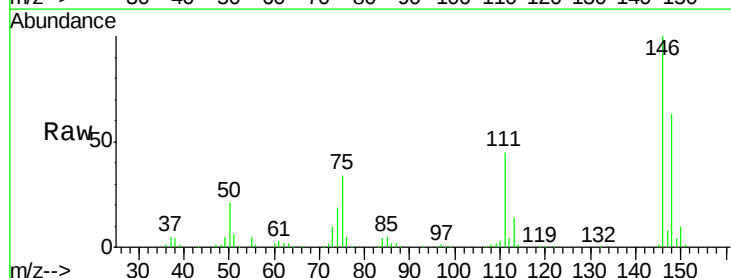
Instrument :
BNA_F
ClientSampleId :
PB86271BS

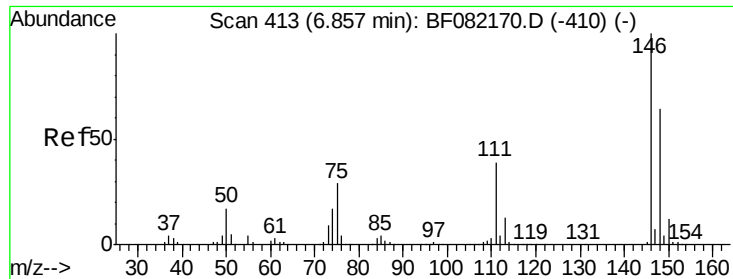
Tot Ion	93	Resp	216514
Ion	Ratio	Lower	Upper
93	100		
63	88.5	57.1	97.1
95	31.8	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 32.71 ng
RT: 6.69 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	146	Resp	250571
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	33.9	23.0	34.6

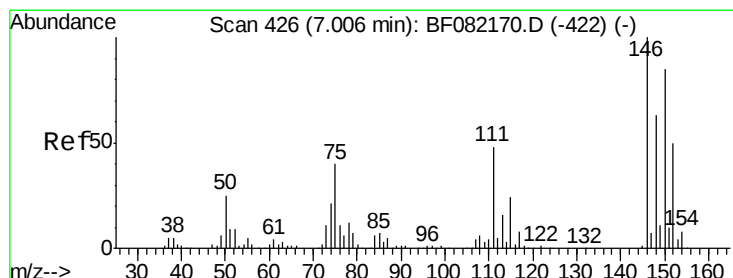
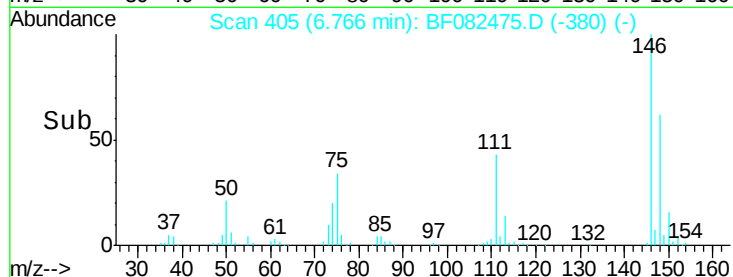
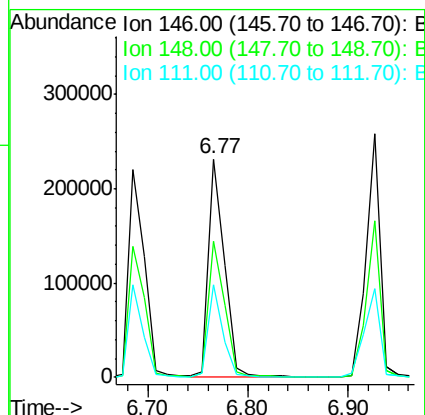
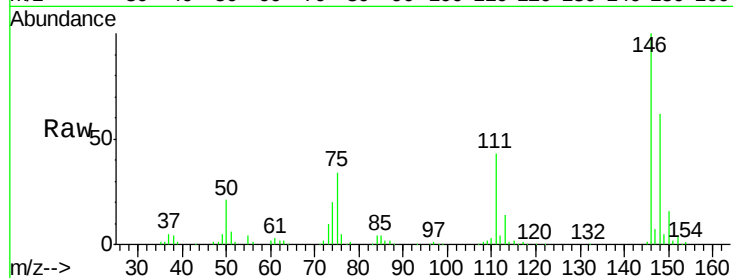




#13
 1,4-Dichlorobenzene
 Concen: 32.28 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

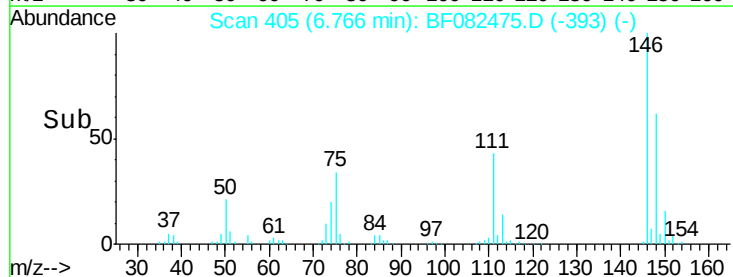
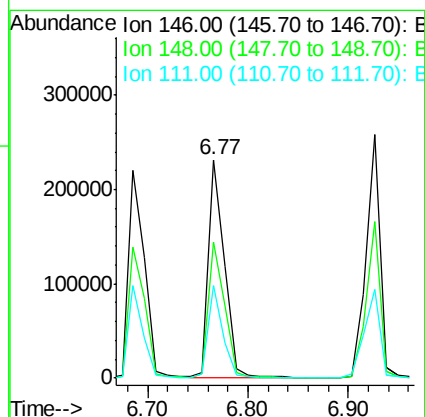
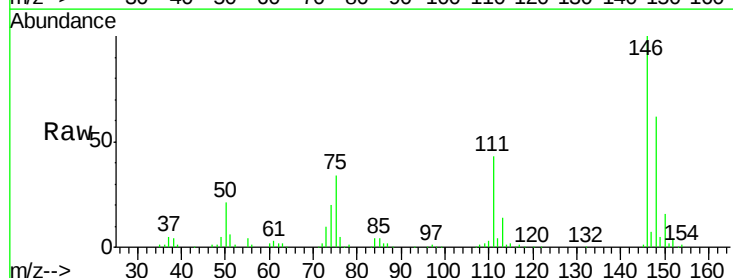
Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

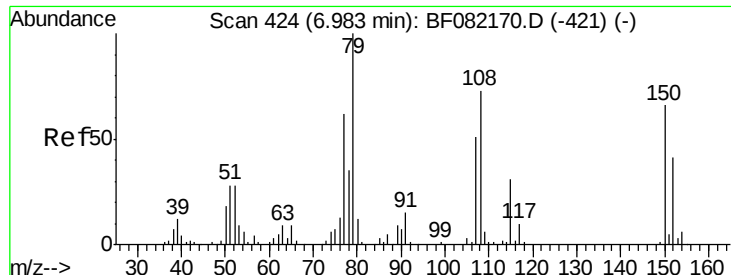
Tot Ion:146 Resp: 258272
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.0 76.4
 111 42.5 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 34.21 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.16 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:146 Resp: 259885
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.5 75.7
 111 42.5 38.5 57.7





#15

Benzyl Alcohol

Concen: 36.84 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampled :

PB86271BS

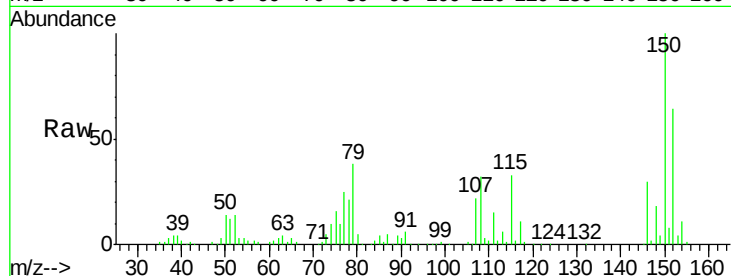
Tot Ion: 79 Resp: 178322

Ion Ratio Lower Upper

79 100

108 84.3 58.4 87.6

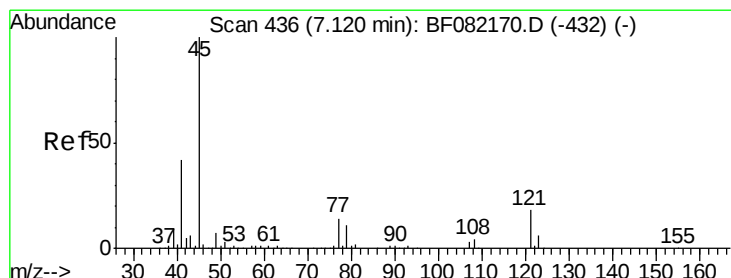
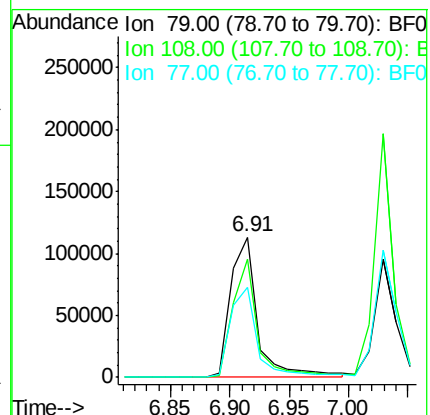
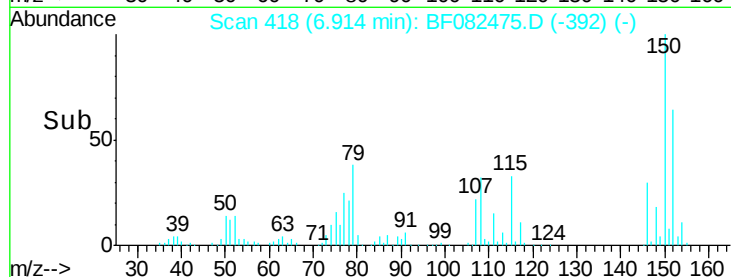
77 64.4 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.71 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

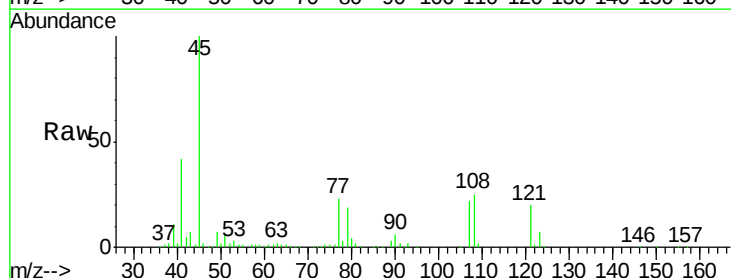
Tgt Ion: 45 Resp: 311450

Ion Ratio Lower Upper

45 100

77 22.9 0.0 34.5

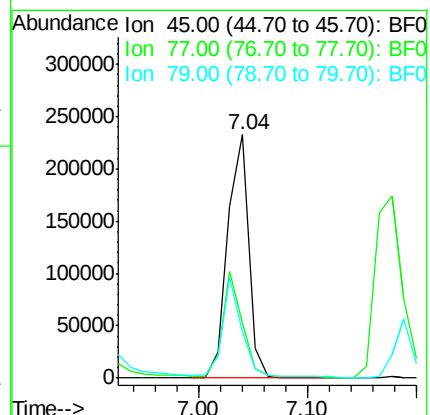
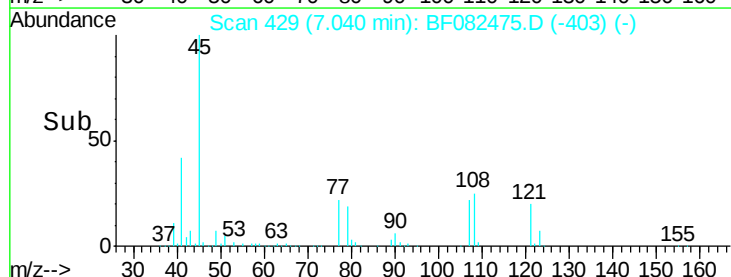
79 19.2 0.0 31.6

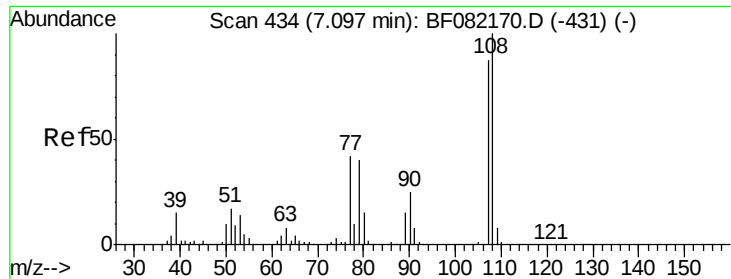


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

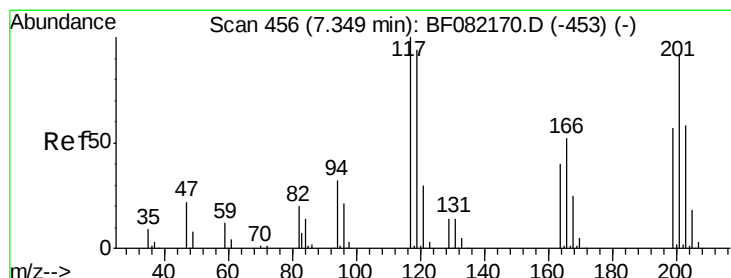
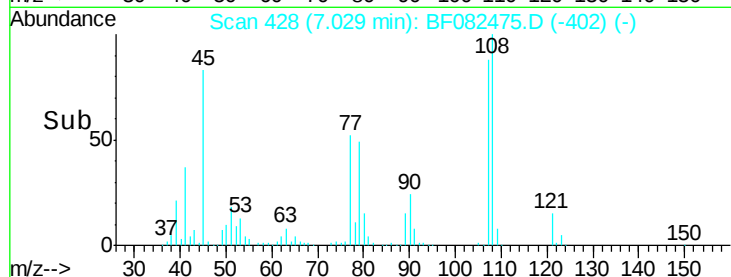
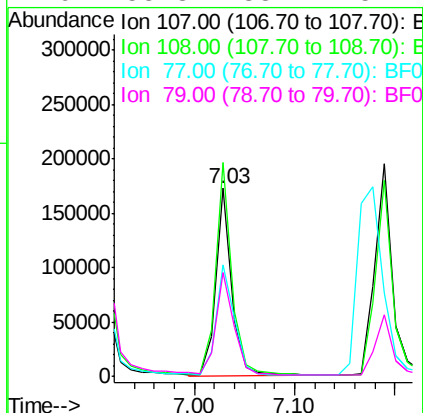
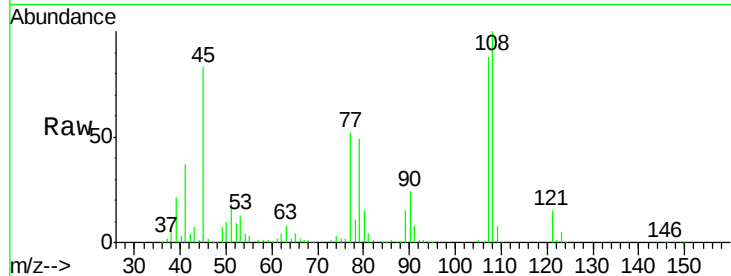




#17
2-Methylphenol
Concen: 36.64 ng
RT: 7.03 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

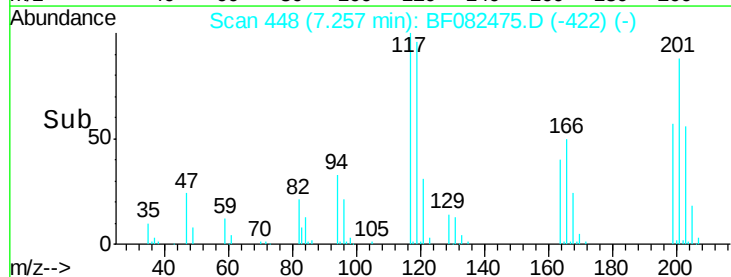
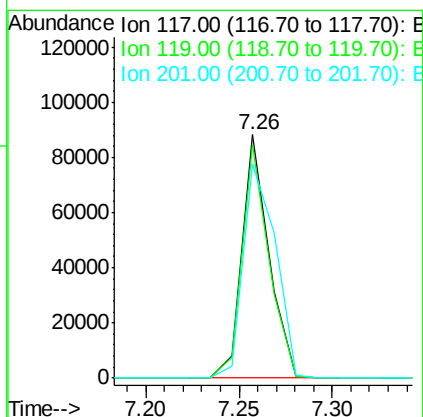
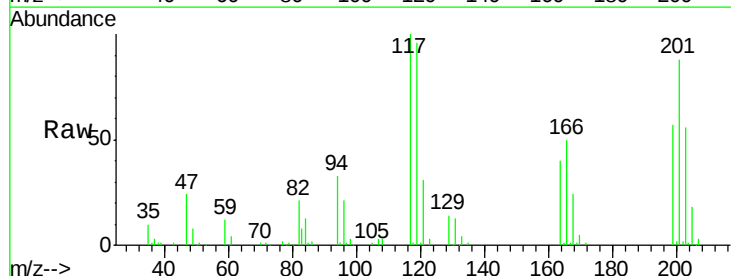
Instrument :
BNA_F
ClientSampleId :
PB86271BS

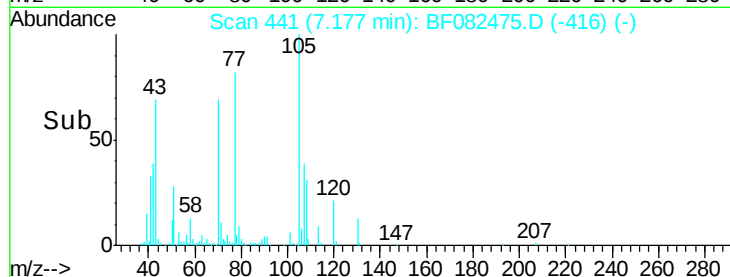
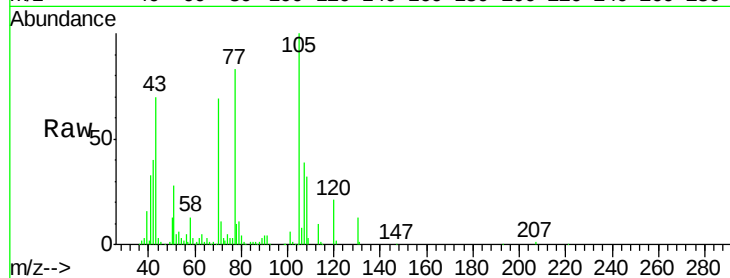
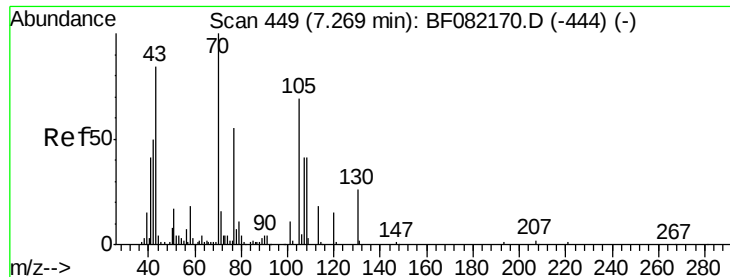
Tot Ion:	107	Resp:	190610
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.2	138.2
77	59.2	39.6	59.4
79	55.3	38.2	57.4



#18
Hexachloroethane
Concen: 32.11 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion:	117	Resp:	87923
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.2
201	88.0	73.4	110.0

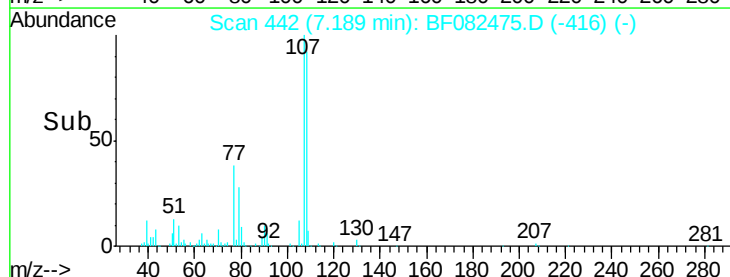
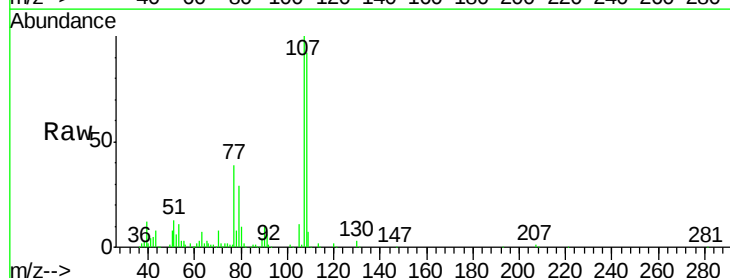
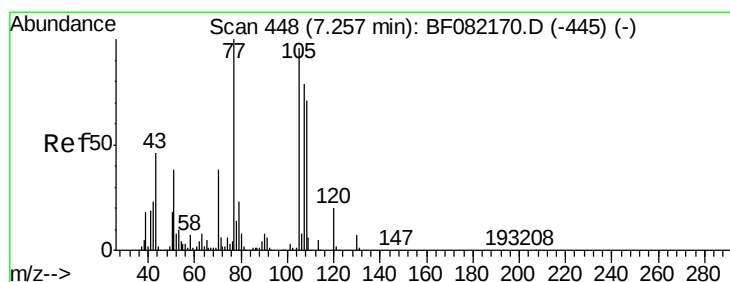
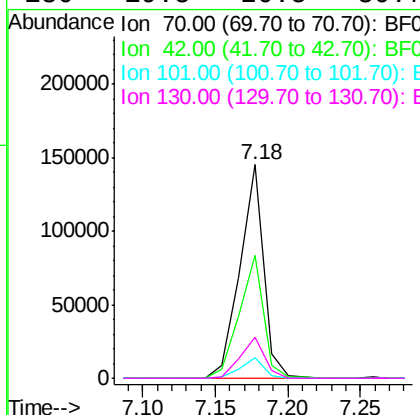




#19
n-Nitroso-di-n-propylamine
Concen: 33.49 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

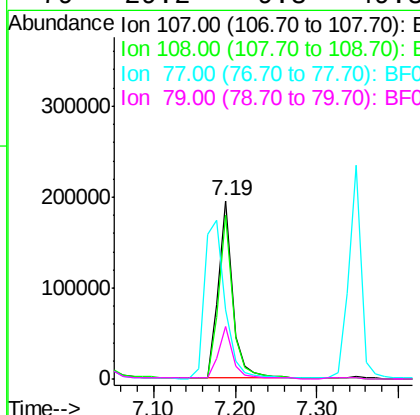
Instrument :
BNA_F
ClientSampleId :
PB86271BS

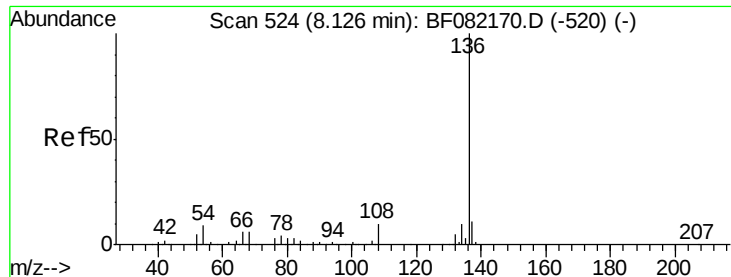
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	39.8	59.8
101	9.3	8.6	13.0
130	19.5	20.5	30.7#



#20
3+4-Methylphenols
Concen: 39.15 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	69.9	109.9
77	38.9	106.0	146.0#
79	29.2	9.8	49.8

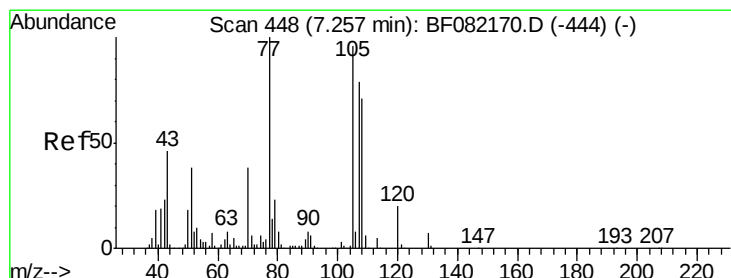
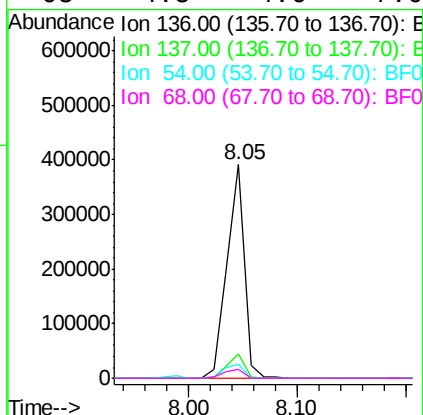
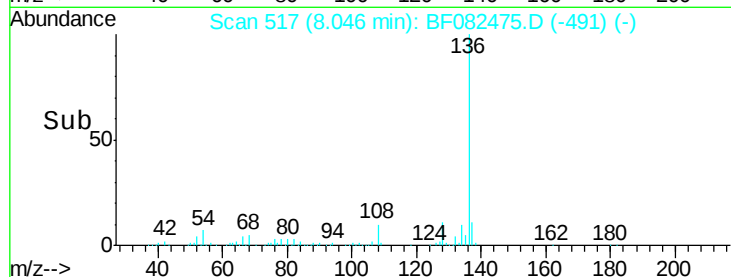
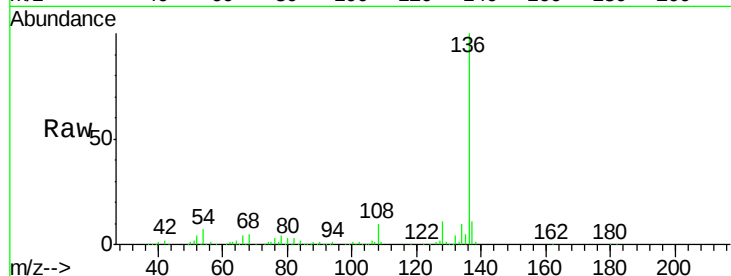




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

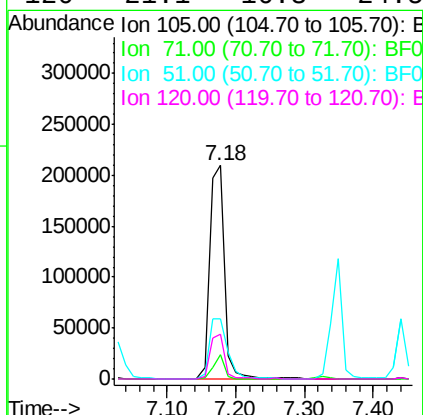
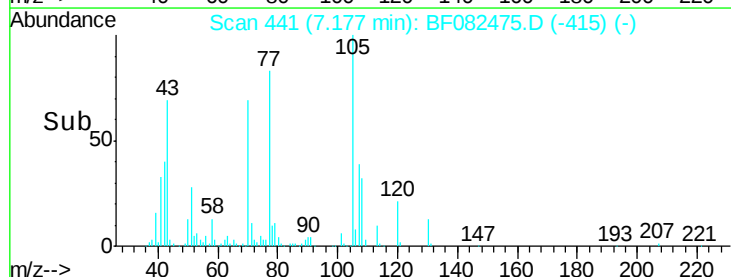
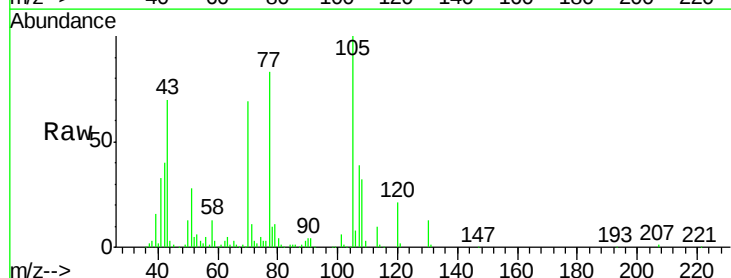
Instrument :
BNA_F
ClientSampleId :
PB86271BS

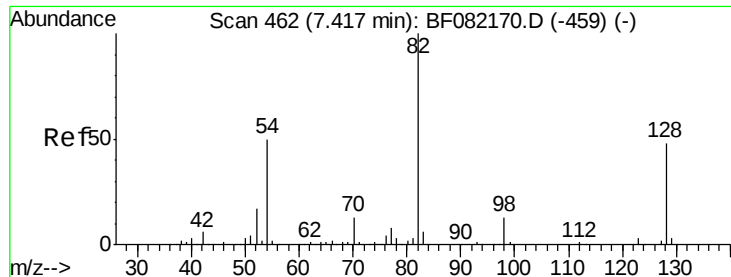
Tot Ion:136	Resp:	429730
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.0	13.6
54 6.9	7.5	11.3#
68 4.5	4.6	7.0#



#22
Acetophenone
Concen: 37.41 ng
RT: 7.18 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt	Ion:105	Resp:	317990
Ion	Ratio	Lower	Upper
105	100		
71	11.4	5.4	8.0#
51	28.4	31.8	47.6#
120	21.1	16.3	24.5

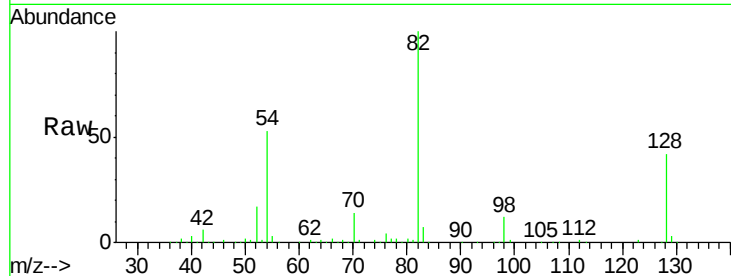




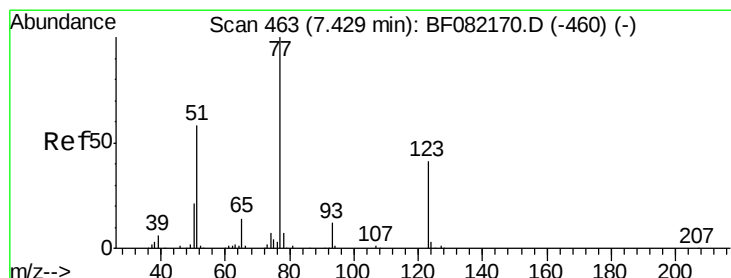
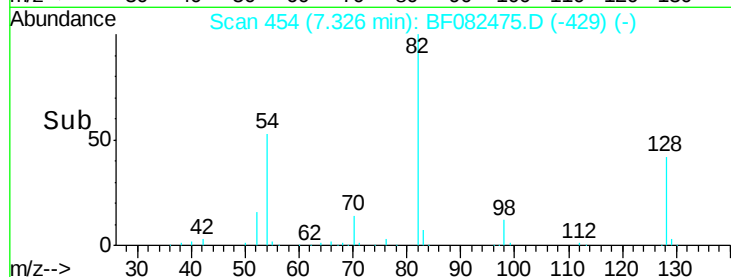
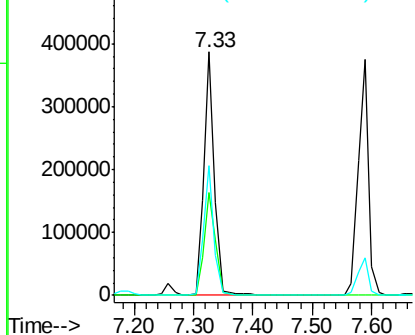
#23
 Nitrobenzene-d5
 Concen: 76.98 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tot Ion: 82 Resp: 492614
 Ion Ratio Lower Upper
 82 100
 128 42.3 38.7 58.1
 54 53.3 40.1 60.1

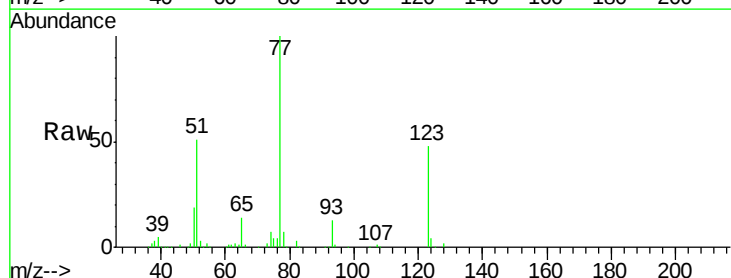


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

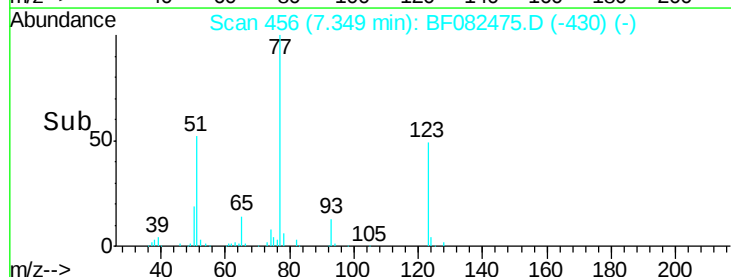
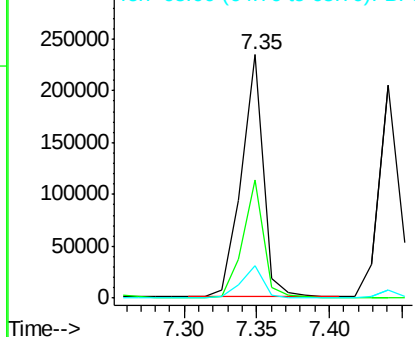


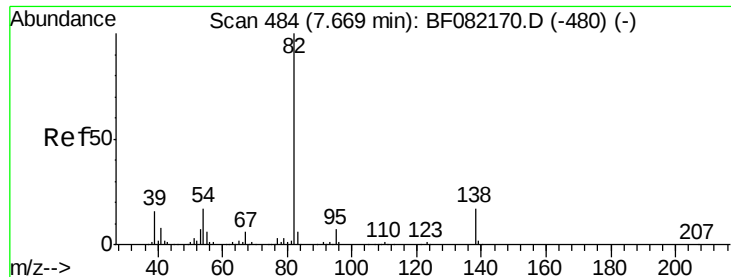
#24
 Nitrobenzene
 Concen: 35.57 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion: 77 Resp: 246390
 Ion Ratio Lower Upper
 77 100
 123 48.4 33.0 49.4
 65 13.5 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.90 ng

RT: 7.59 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

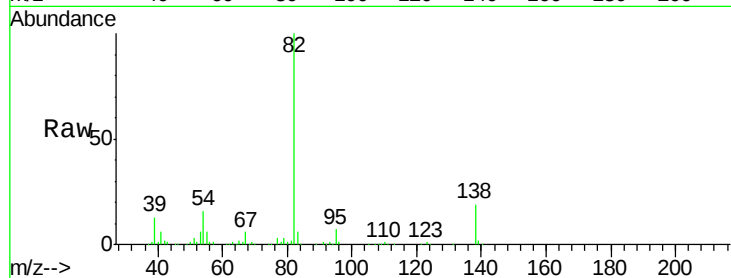
Tot Ion: 82 Resp: 450727

Ion Ratio Lower Upper

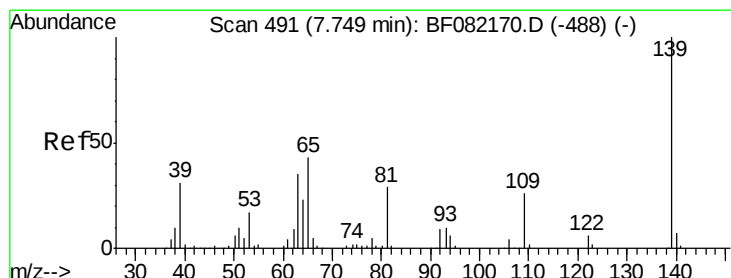
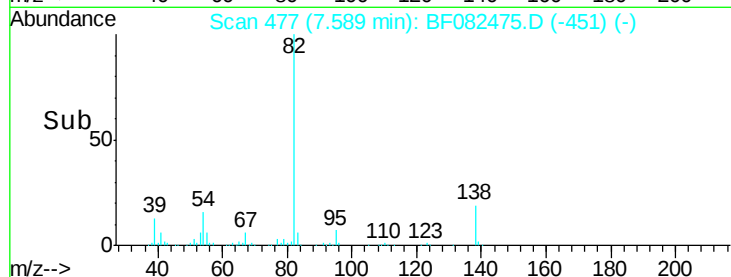
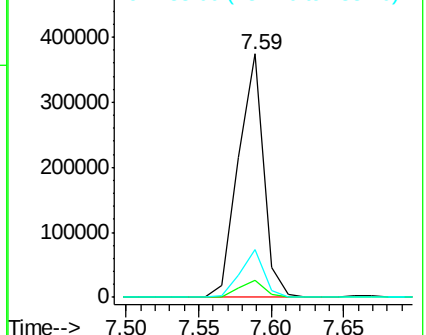
82 100

95 7.2 5.6 8.4

138 19.4 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.81 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

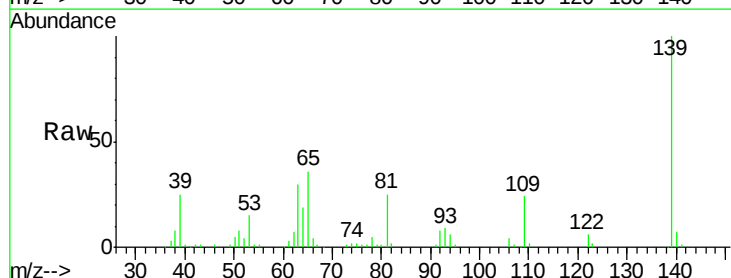
Tgt Ion: 139 Resp: 127309

Ion Ratio Lower Upper

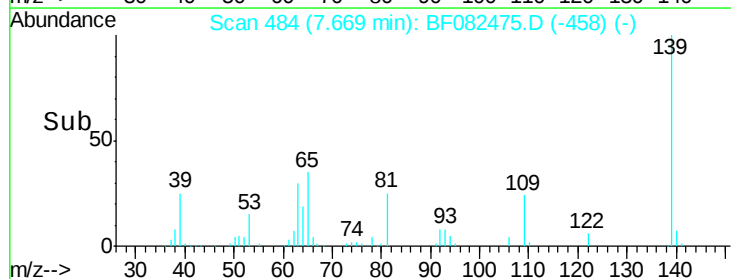
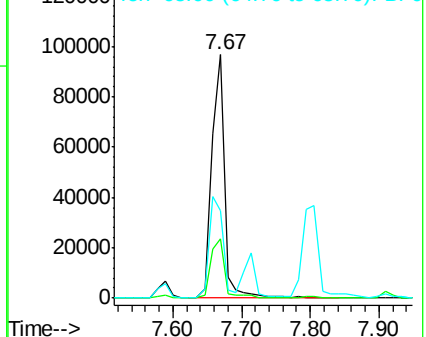
139 100

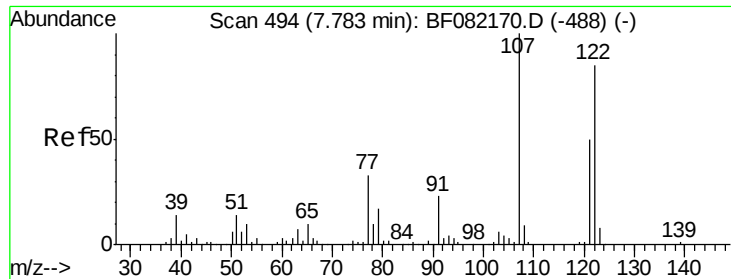
109 24.4 20.6 31.0

65 35.8 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

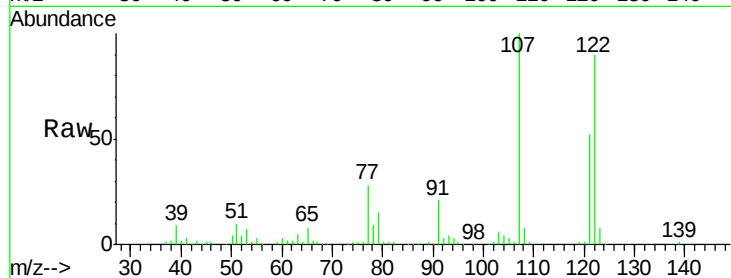




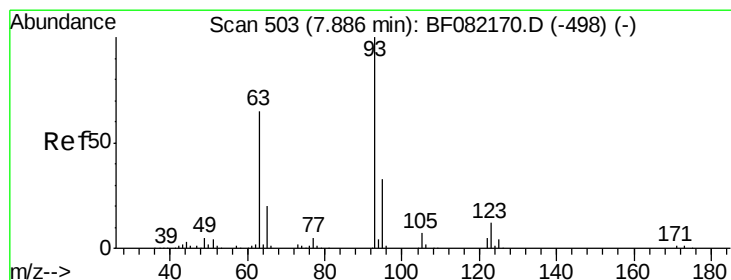
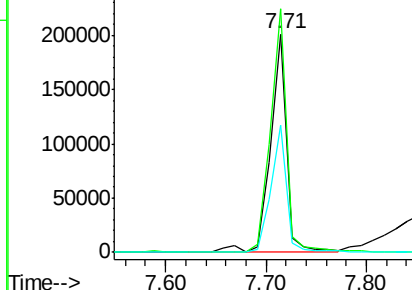
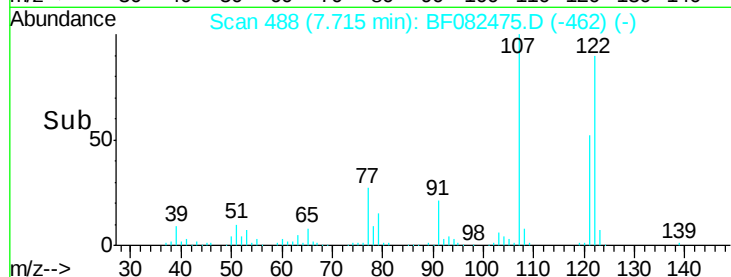
#27
 2,4-Dimethylphenol
 Concen: 40.08 ng
 RT: 7.71 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampled :
 PB86271BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	94.0	141.0
121	58.2	46.8	70.2

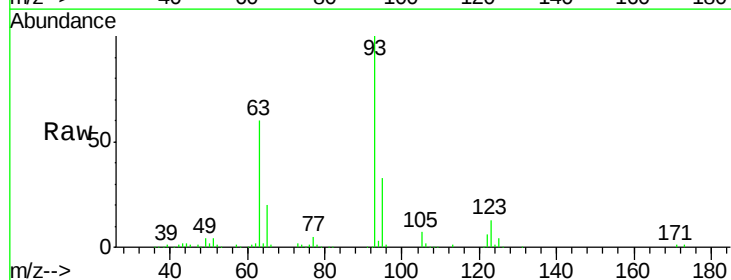


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

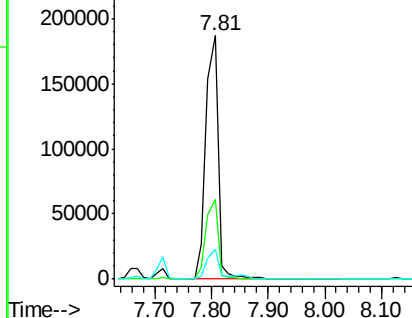
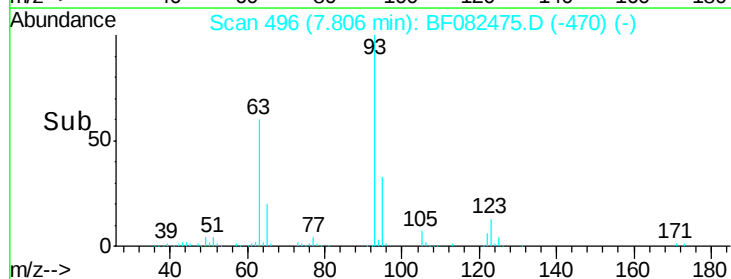


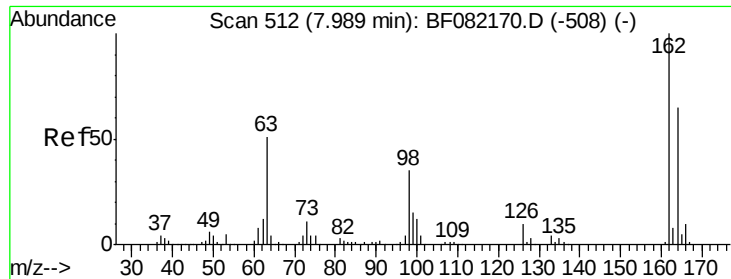
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.18 ng
 RT: 7.81 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	39.8
123	12.5	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.32 ng

RT: 7.91 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

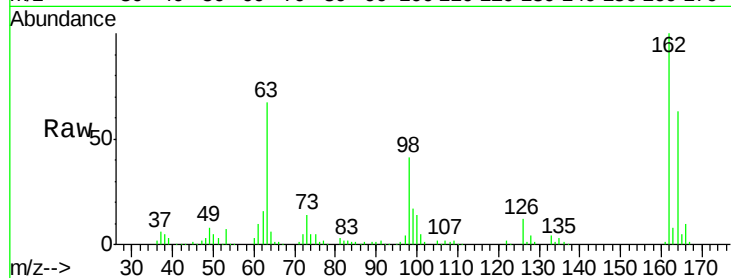
Tot Ion:162 Resp: 207872

Ion Ratio Lower Upper

162 100

164 62.6 44.6 84.6

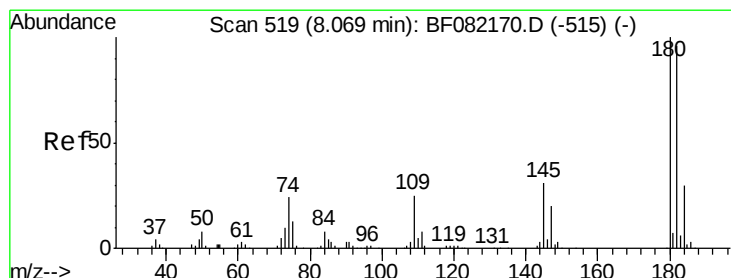
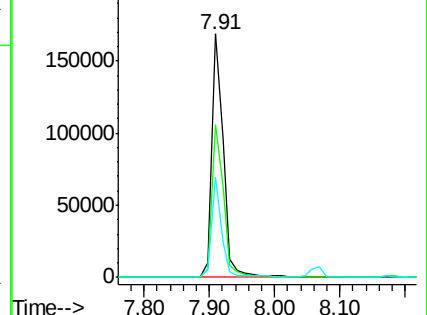
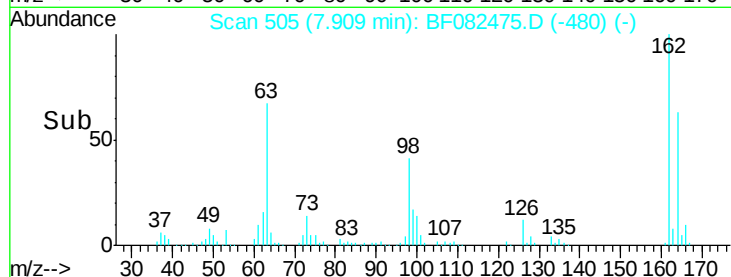
98 41.4 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 34.94 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

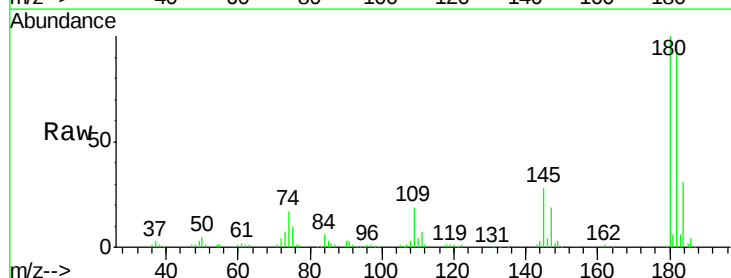
Tgt Ion:180 Resp: 224331

Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.4

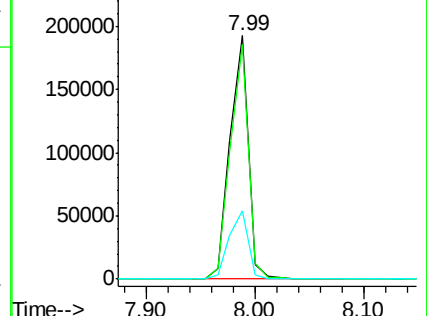
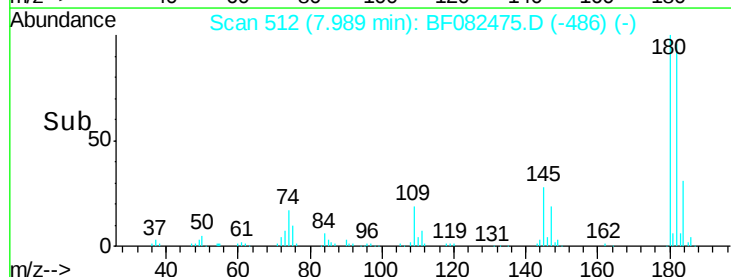
145 27.8 25.0 37.4

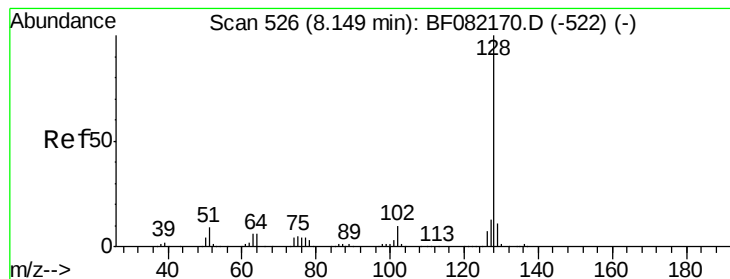


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.31 ng

RT: 8.07 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

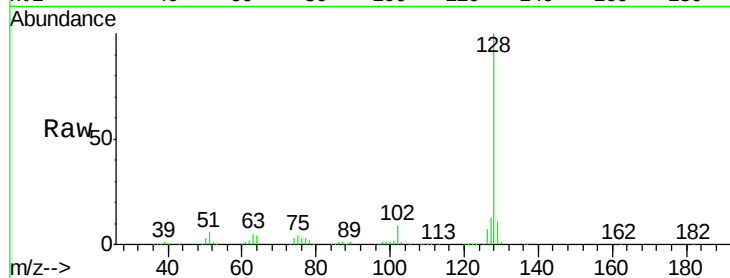
Tot Ion:128 Resp: 676367

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

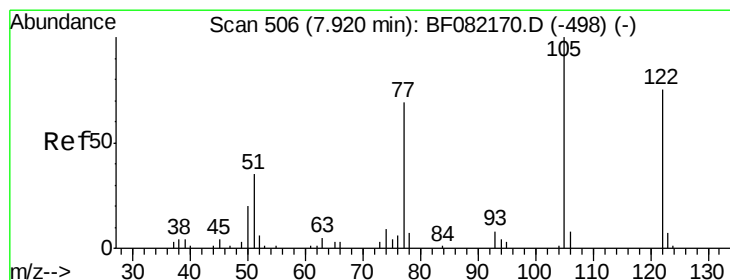
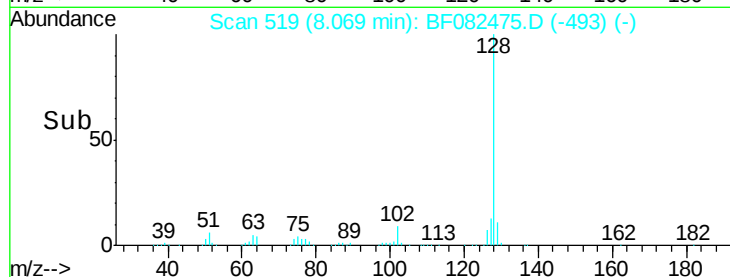
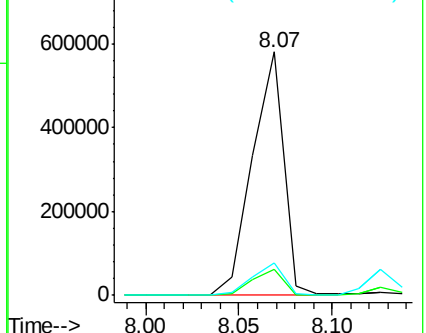
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.84 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

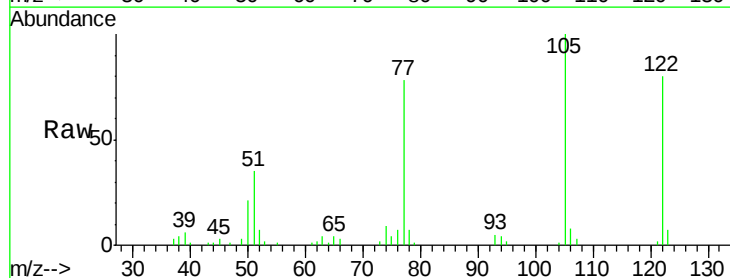
Tgt Ion:122 Resp: 111606

Ion Ratio Lower Upper

122 100

105 125.3 104.4 144.4

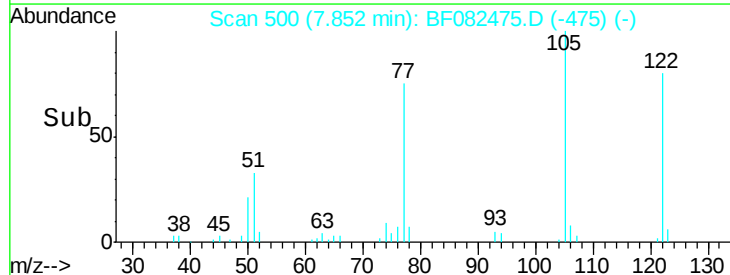
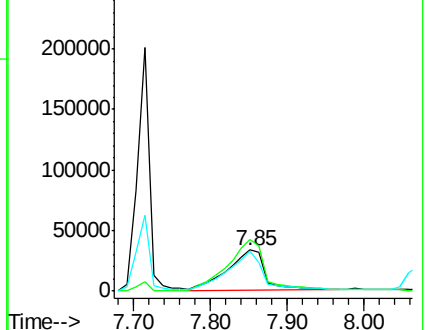
77 97.8 69.0 109.0

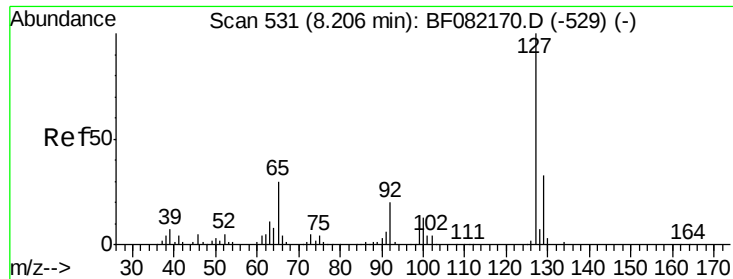


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

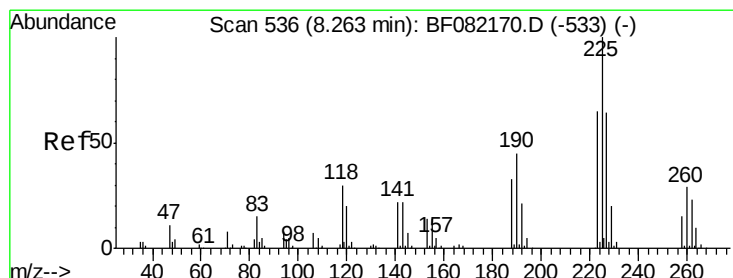
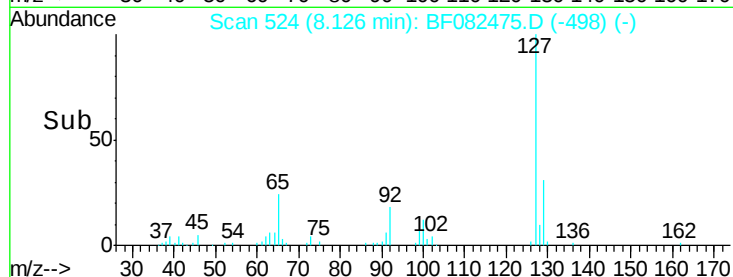
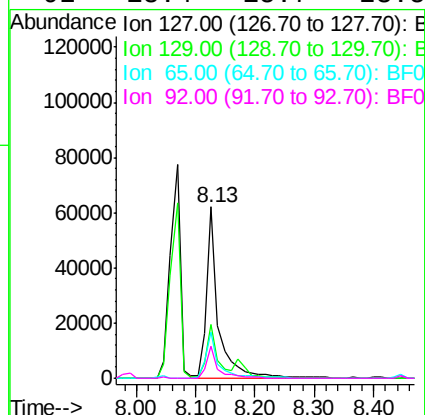
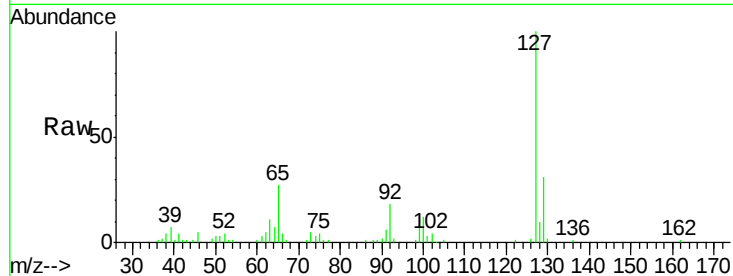




#33
4-Chloroaniline
Concen: 11.60 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

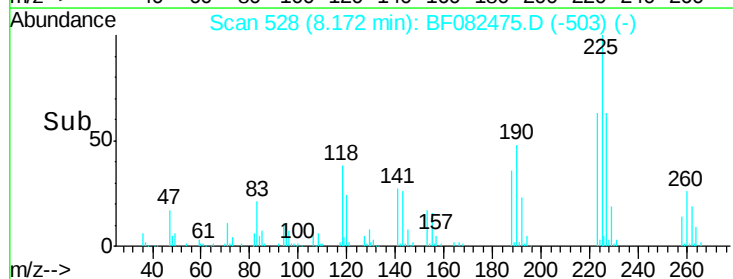
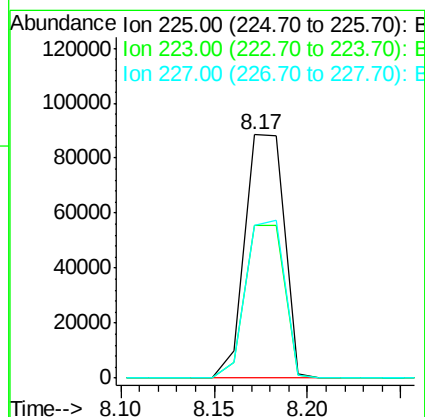
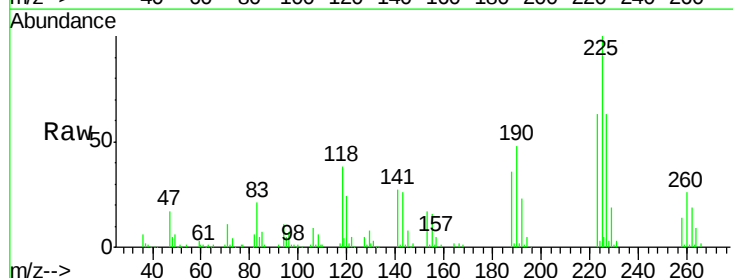
Instrument :
BNA_F
ClientSampleId :
PB86271BS

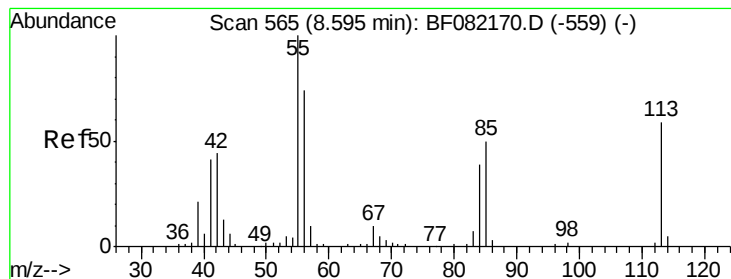
Tot Ion:	127	Resp:	89762
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	26.9	24.4	36.6
92	18.4	15.7	23.5



#34
Hexachlorobutadiene
Concen: 32.26 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion:	225	Resp:	129053
Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.2	78.2
227	63.0	51.3	76.9





#35

Caprolactam

Concen: 36.81 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

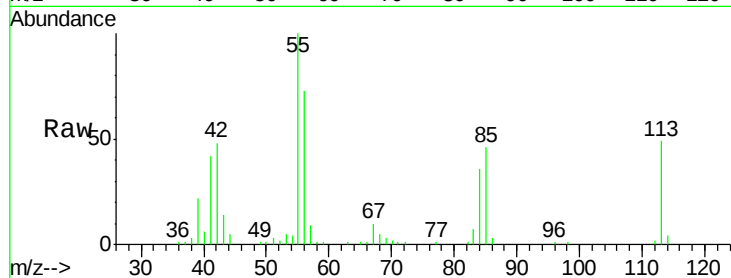
Tot Ion:113 Resp: 59506

Ion Ratio Lower Upper

113 100

55 202.5 149.7 189.7#

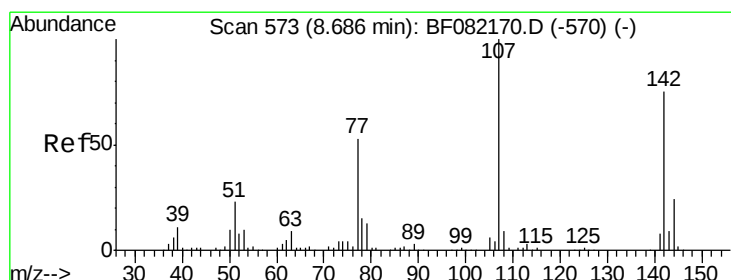
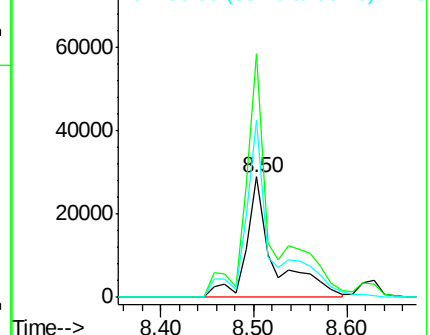
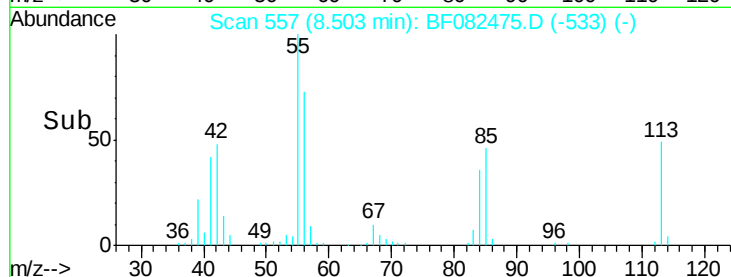
56 147.3 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.30 ng

RT: 8.63 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

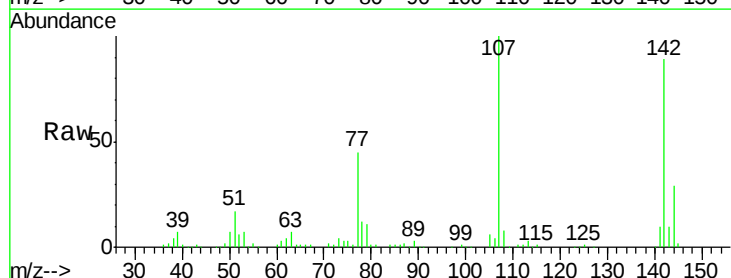
Tgt Ion:107 Resp: 214098

Ion Ratio Lower Upper

107 100

144 28.8 19.3 28.9

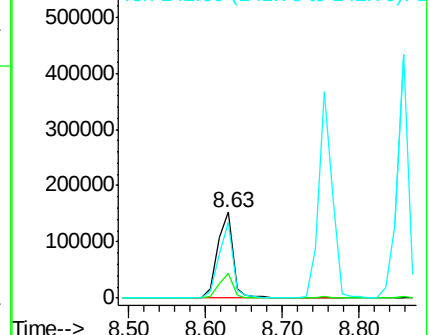
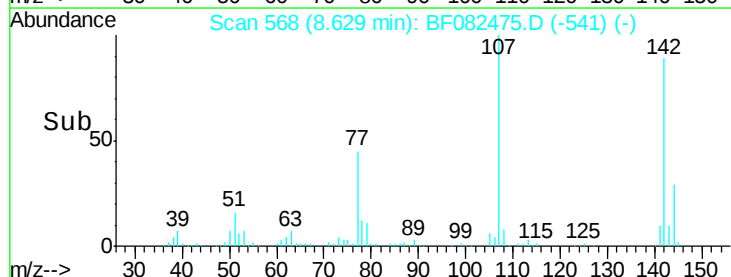
142 89.2 59.9 89.9

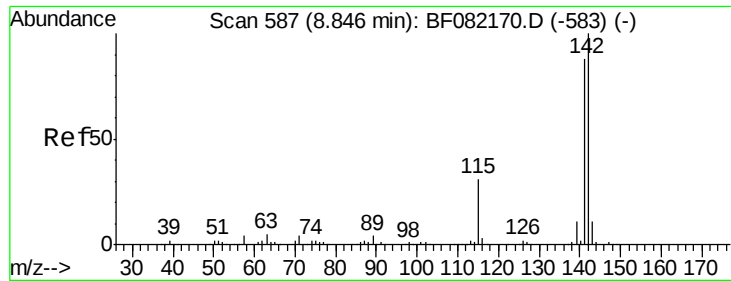


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

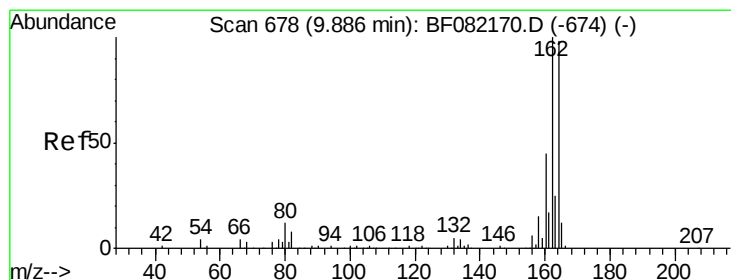
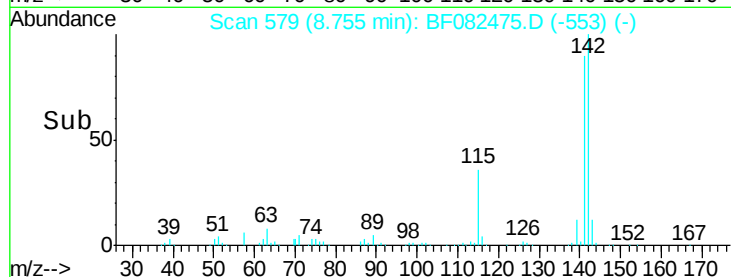
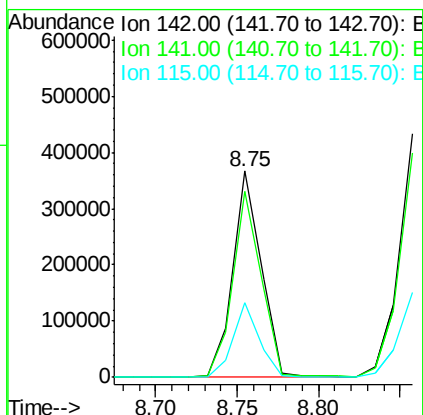
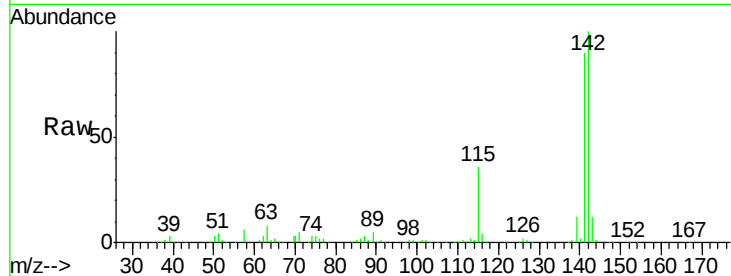




#37
2-Methylnaphthalene
Concen: 34.15 ng
RT: 8.75 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

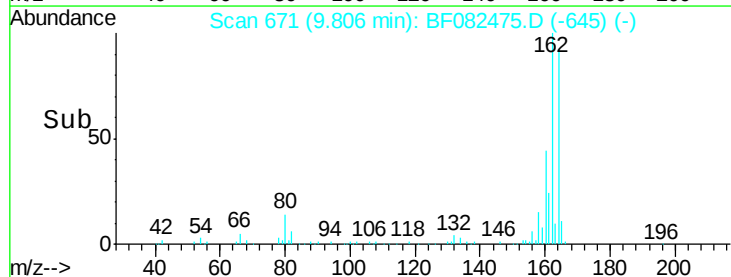
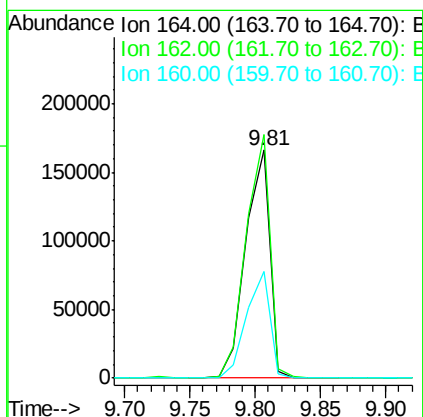
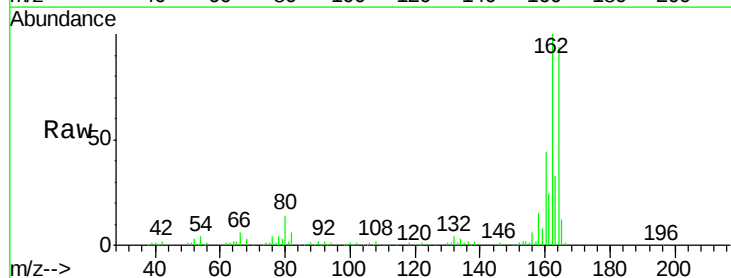
Instrument :
BNA_F
ClientSampleId :
PB86271BS

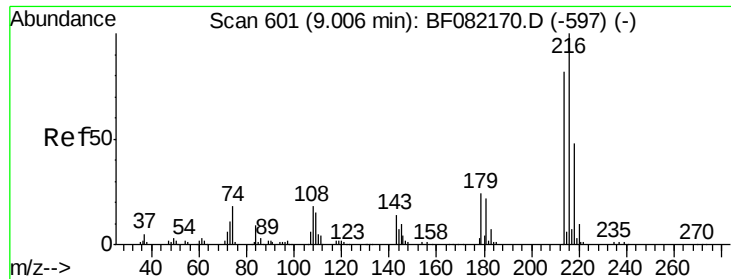
Tot Ion:142 Resp: 441026
Ion Ratio Lower Upper
142 100
141 90.2 70.4 105.6
115 36.4 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion:164 Resp: 213800
Ion Ratio Lower Upper
164 100
162 106.7 81.6 122.4
160 46.8 36.4 54.6

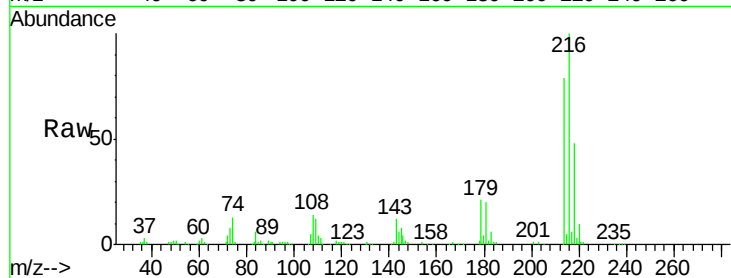




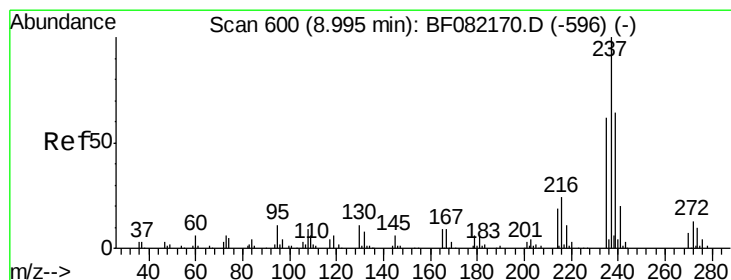
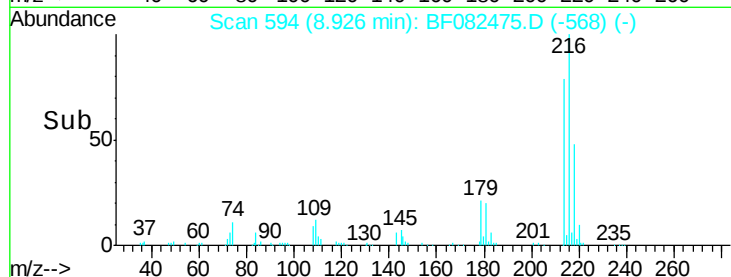
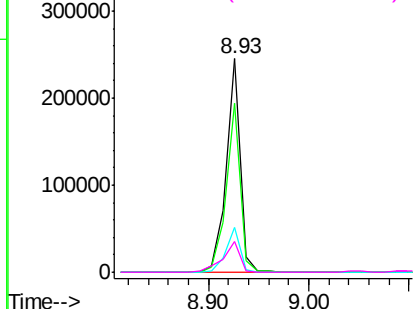
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.51 ng
 RT: 8.93 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tot Ion:216	Resp:	238567
Ion Ratio	Lower	Upper
216	100	
214	79.3	64.6 97.0
179	21.4	17.6 26.4
108	17.8	14.5 21.7

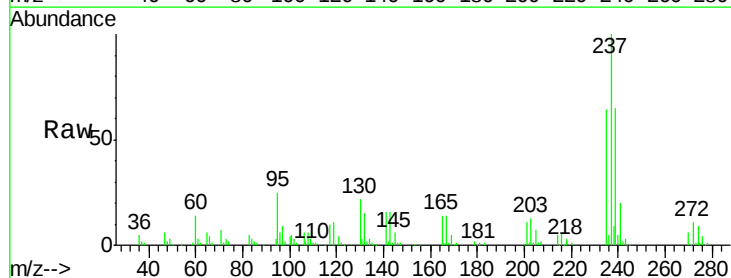


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

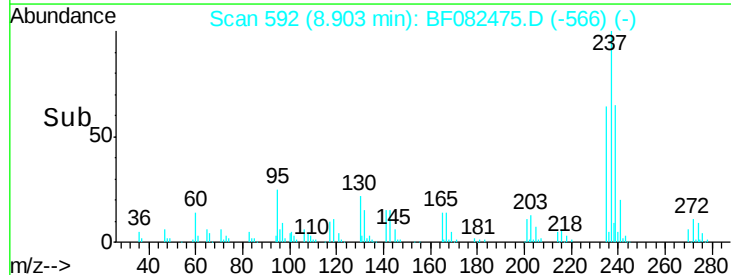
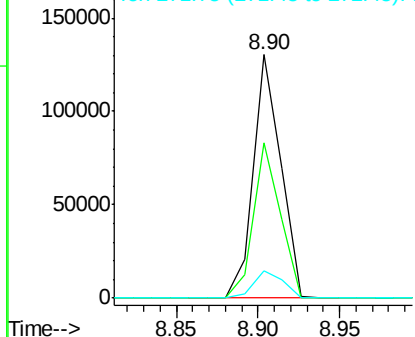


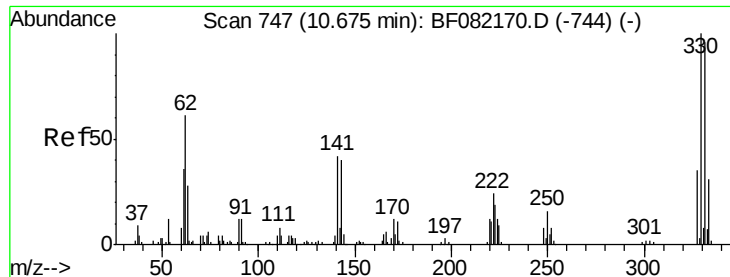
#40
 Hexachlorocyclopentadiene
 Concen: 50.63 ng
 RT: 8.90 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:237	Resp:	151957
Ion Ratio	Lower	Upper
237	100	
235	63.9	41.7 81.7
272	11.4	0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

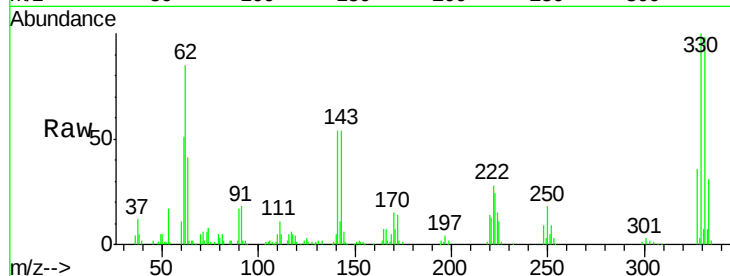




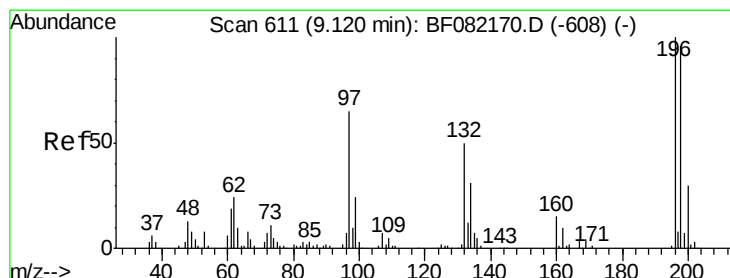
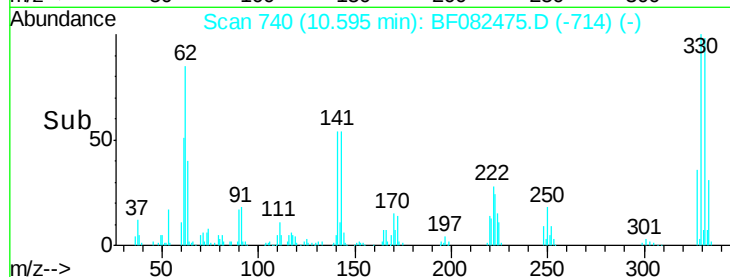
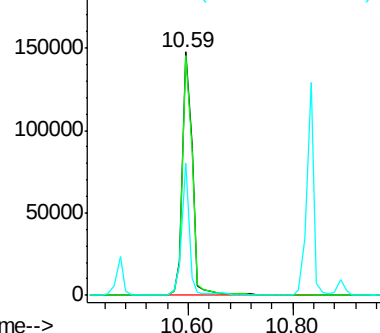
#41
 2,4,6-Tribromophenol
 Concen: 97.46 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	41.4	29.8	44.8

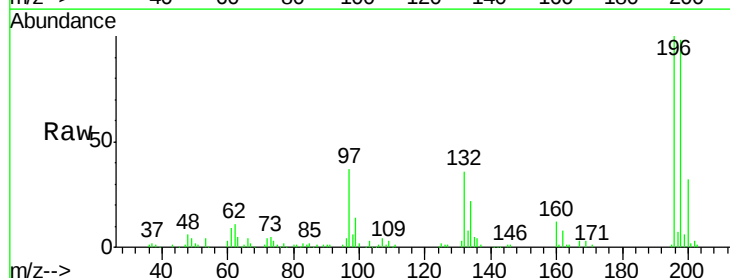


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

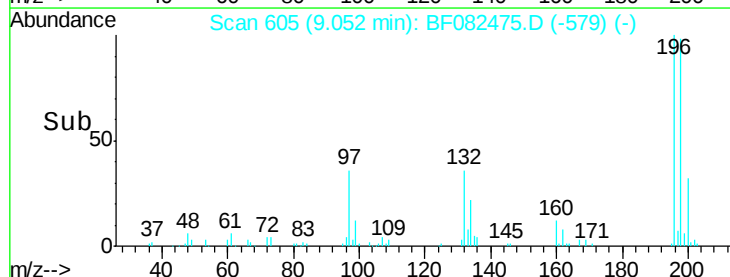
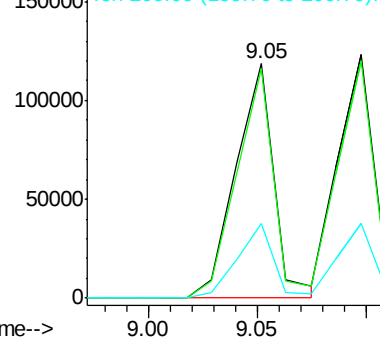


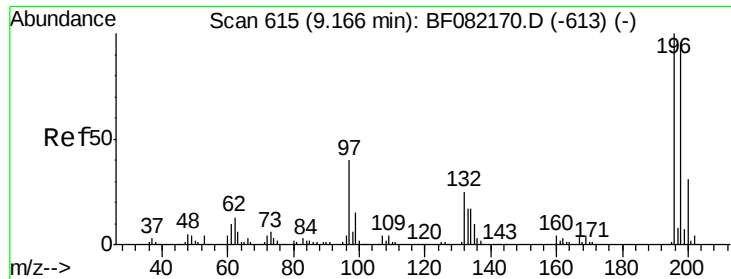
#42
 2,4,6-Trichlorophenol
 Concen: 34.36 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.6	115.0
200	32.1	23.7	35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

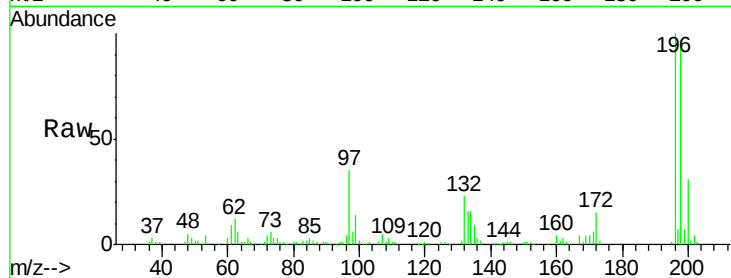




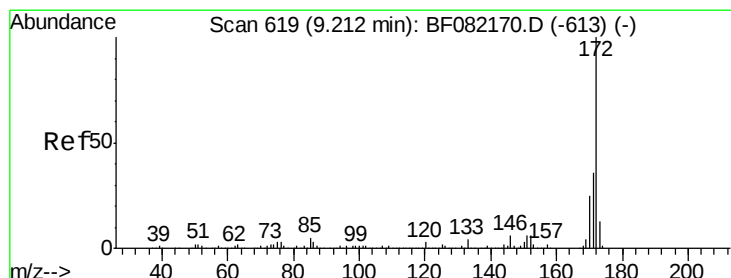
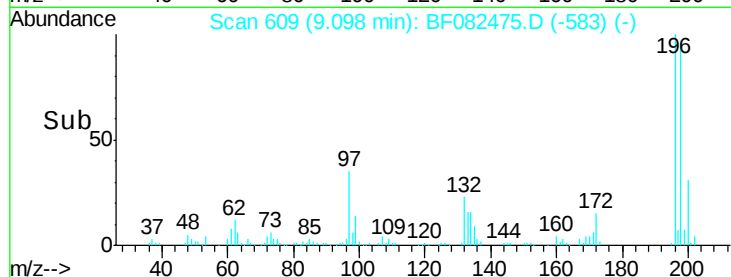
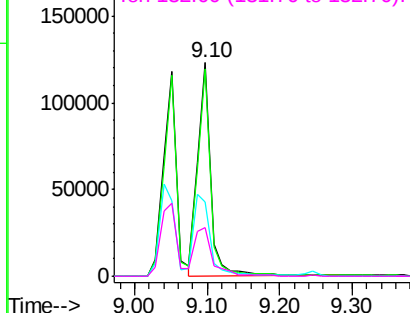
#43
 2,4,5-Trichlorophenol
 Concen: 33.75 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tot Ion:196 Resp: 154441
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.0 115.4
 97 34.8 31.9 47.9
 132 23.1 20.3 30.5

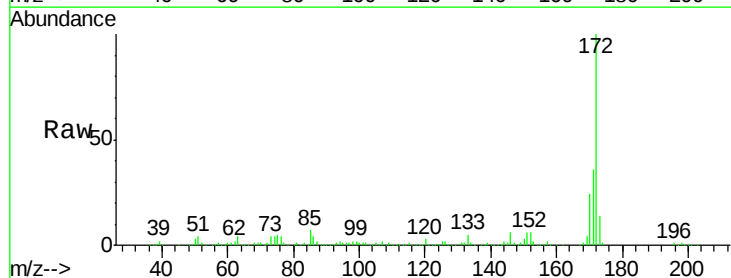


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

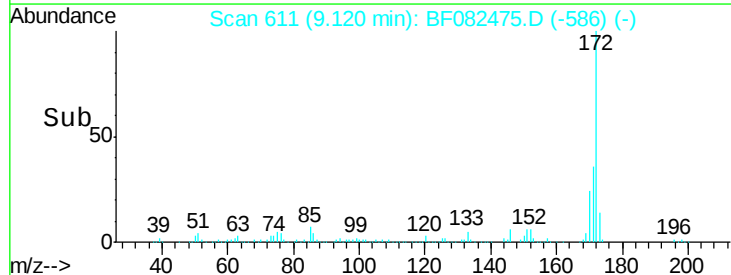
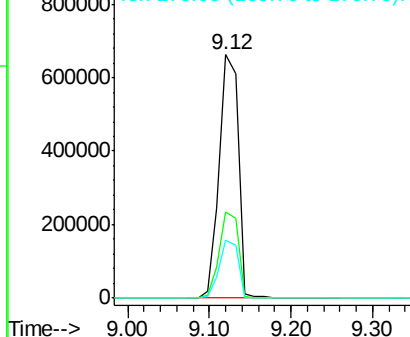


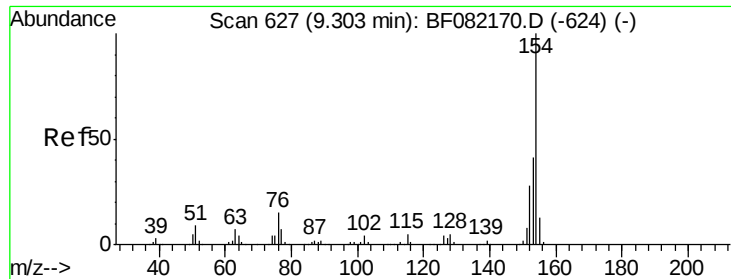
#44
 2-Fluorobiphenyl
 Concen: 83.25 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:172 Resp: 1073283
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.9 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.86 ng

RT: 9.22 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

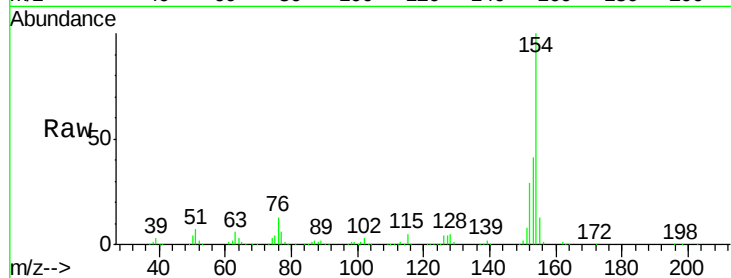
Tot Ion:154 Resp: 568303

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

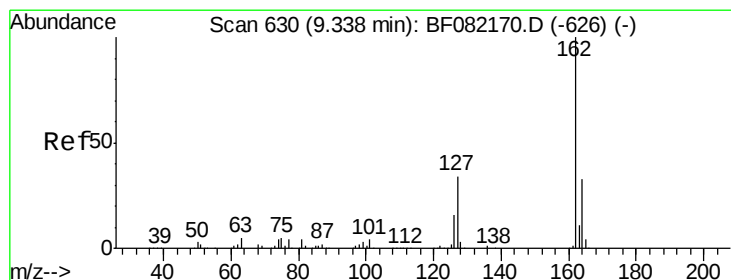
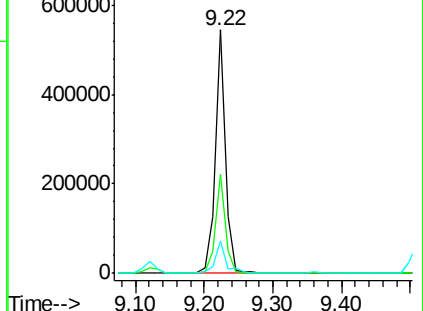
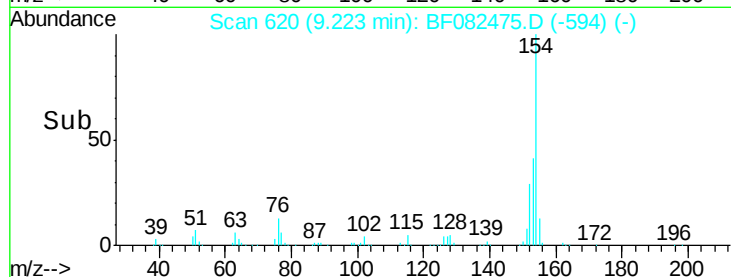
76 13.2 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.17 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

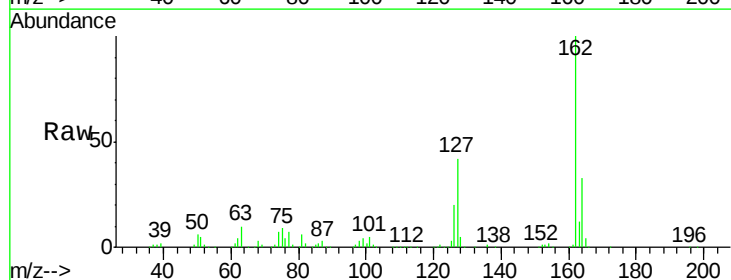
Tgt Ion:162 Resp: 438518

Ion Ratio Lower Upper

162 100

127 41.7 27.5 41.3#

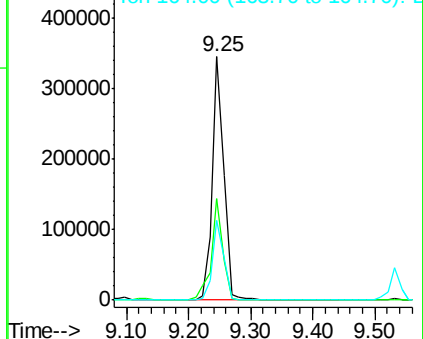
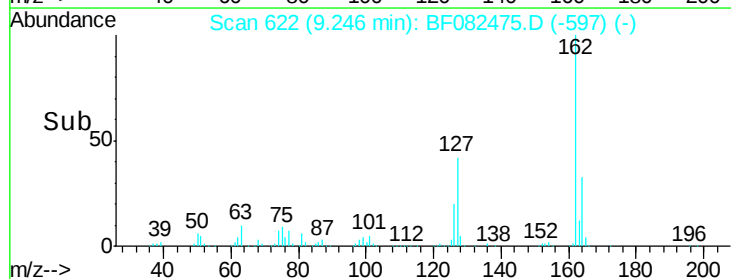
164 32.8 26.6 39.8

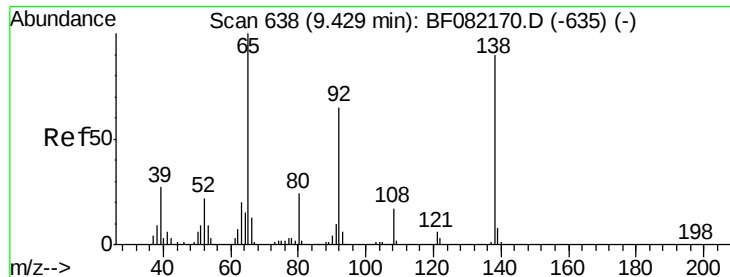


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.37 ng

RT: 9.36 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

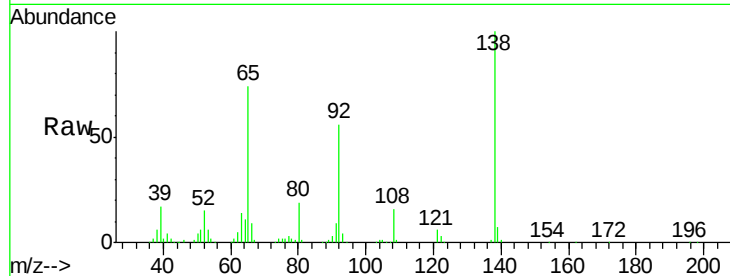
Tot Ion: 65 Resp: 135183

Ion Ratio Lower Upper

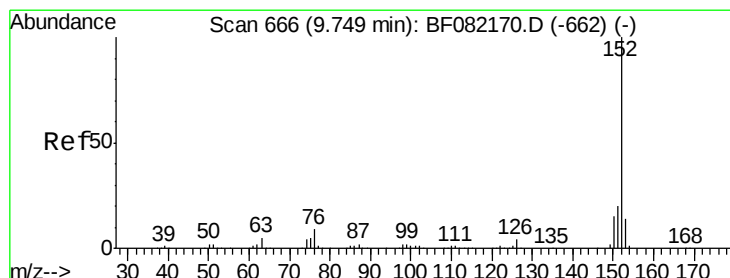
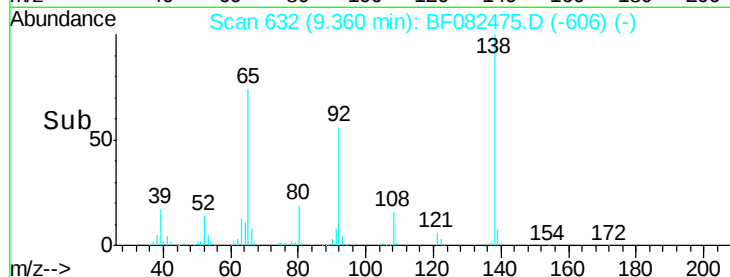
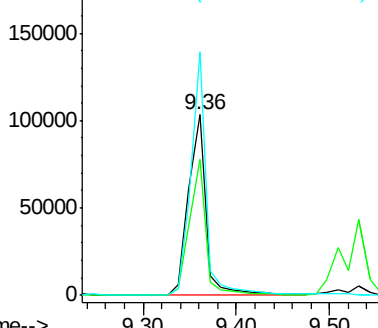
65 100

92 75.0 52.3 78.5

138 134.7 72.2 108.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 37.32 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

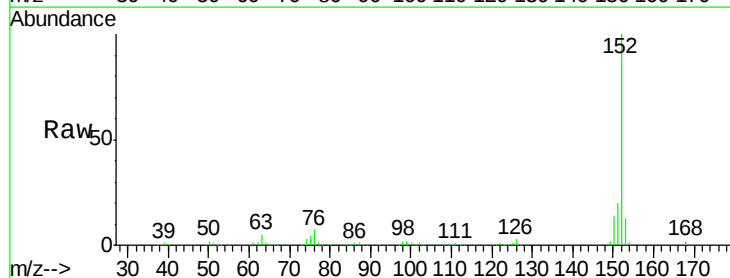
Tgt Ion: 152 Resp: 746162

Ion Ratio Lower Upper

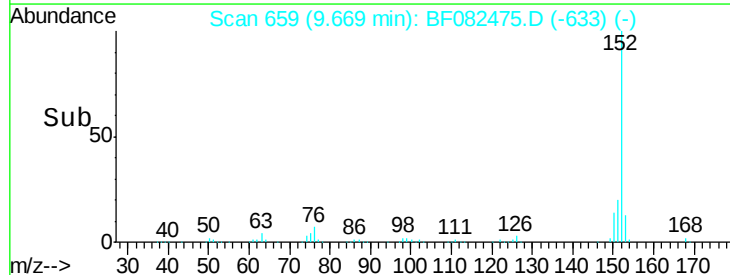
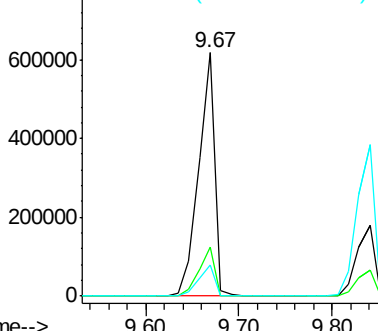
152 100

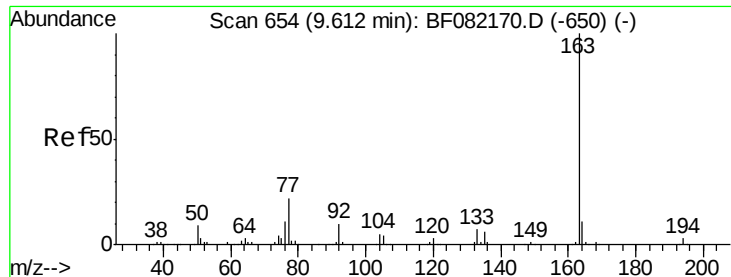
151 20.0 16.4 24.6

153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 35.47 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

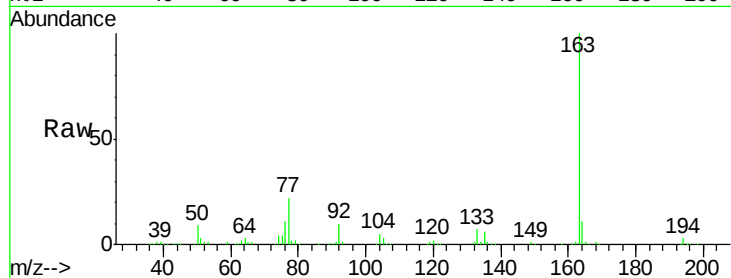
Tot Ion:163 Resp: 534055

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

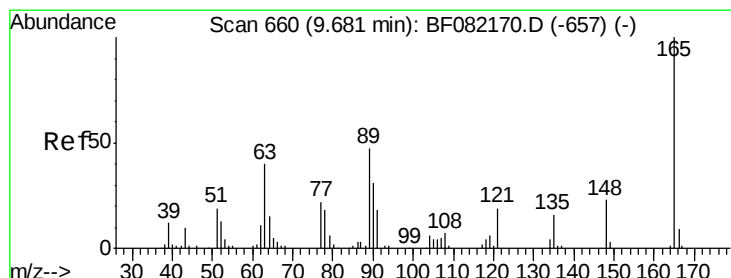
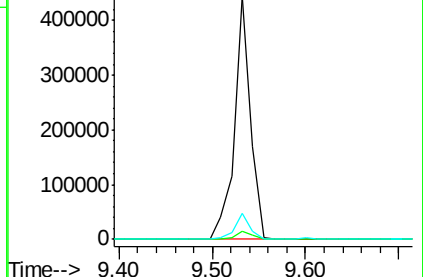
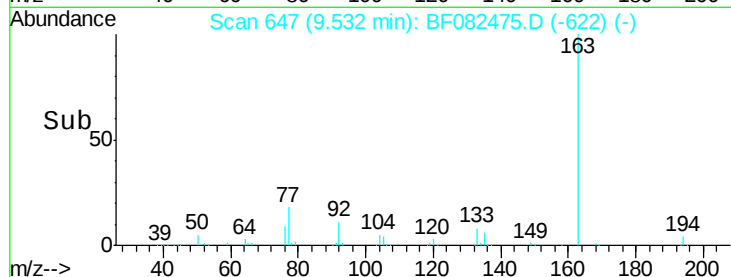
164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.27 ng

RT: 9.60 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

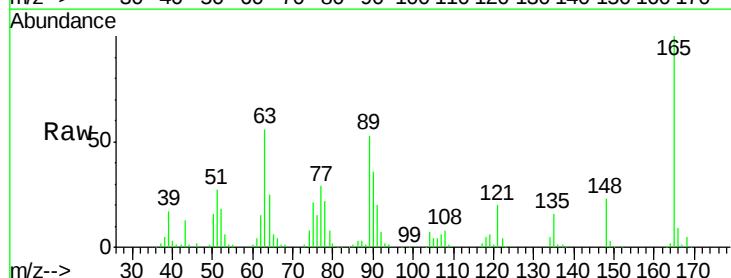
Tgt Ion:165 Resp: 121558

Ion Ratio Lower Upper

165 100

63 56.2 36.7 55.1#

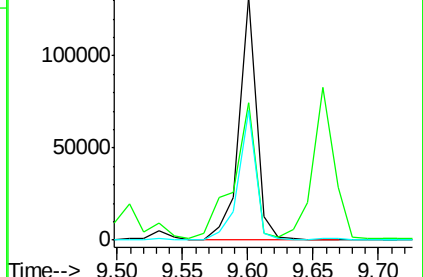
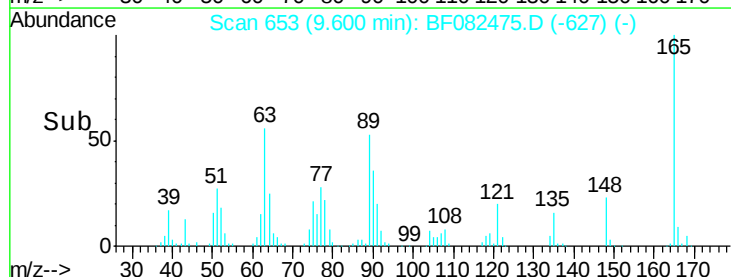
89 53.1 37.8 56.6

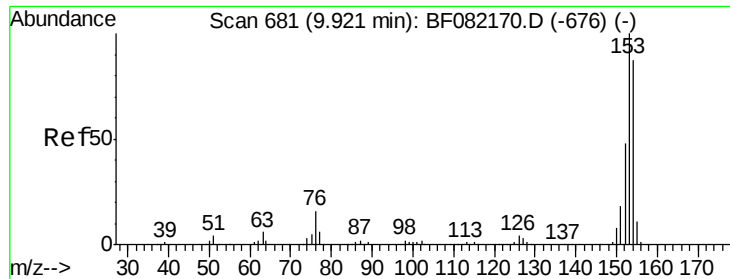


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.19 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

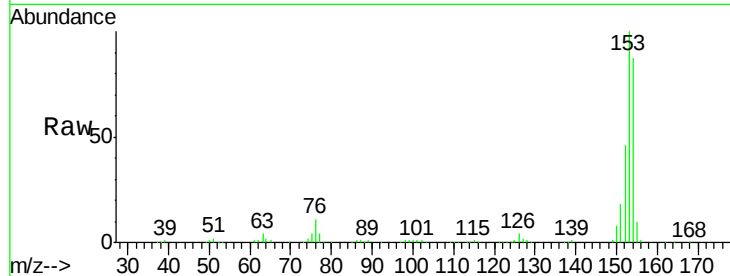
Tot Ion:154 Resp: 434425

Ion Ratio Lower Upper

154 100

153 114.6 91.4 137.2

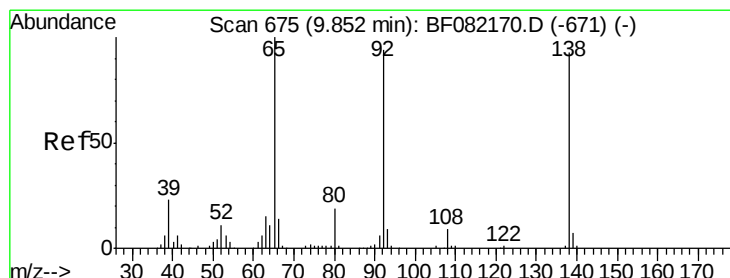
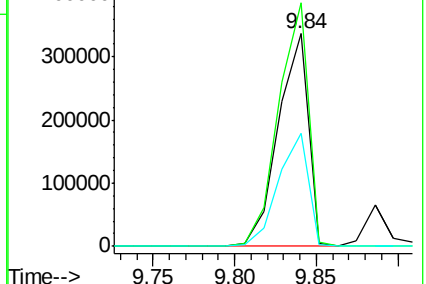
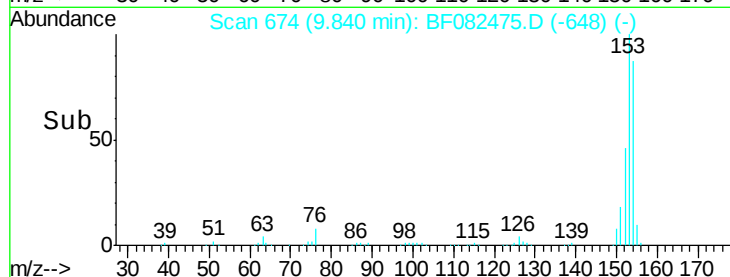
152 53.0 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.69 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

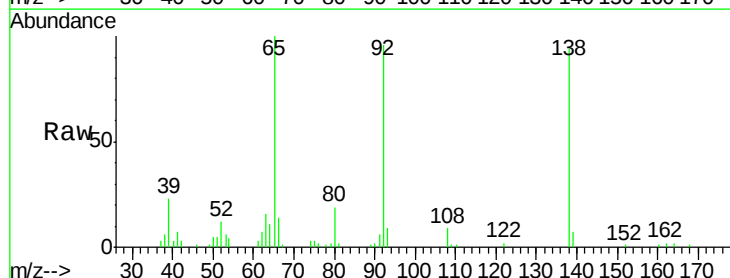
Tgt Ion:138 Resp: 49113

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

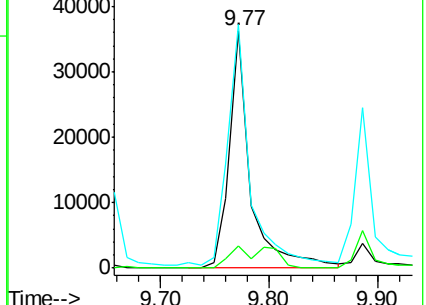
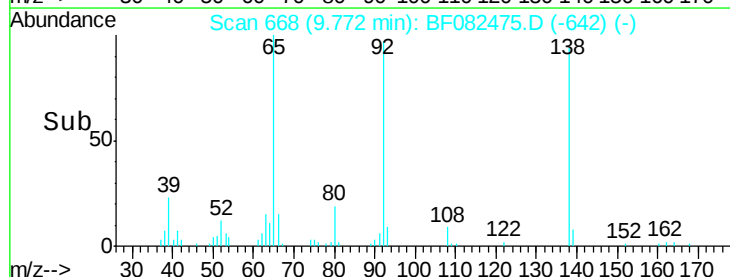
92 102.4 81.3 121.9

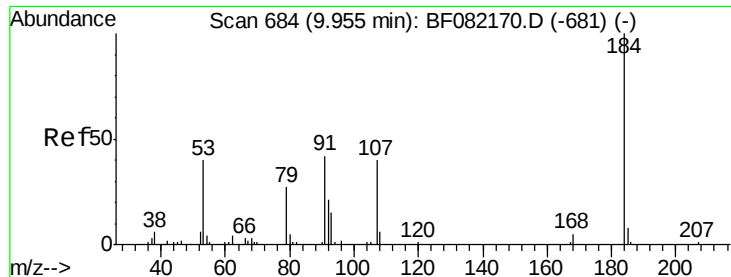


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

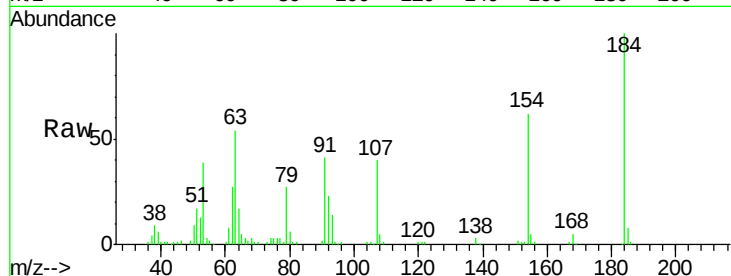




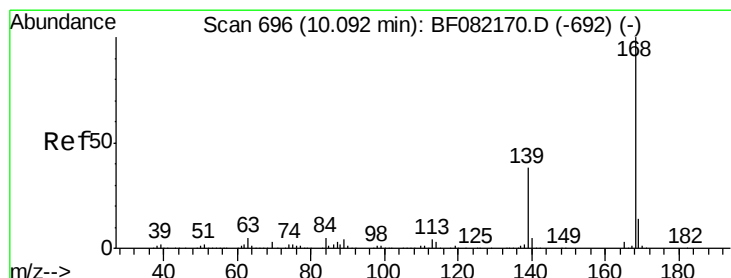
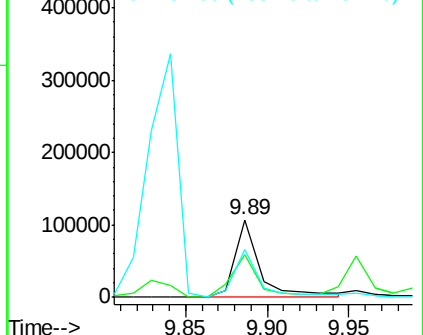
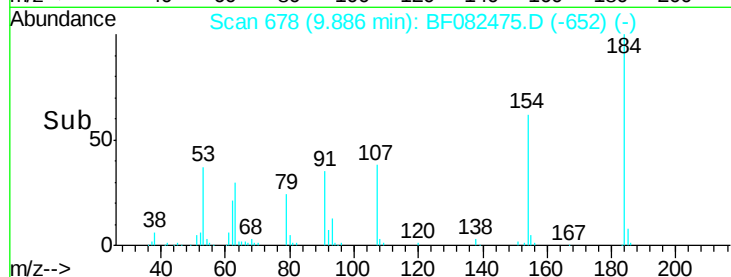
#53
2,4-Dinitrophenol
Concen: 65.39 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tot Ion:184 Resp: 113823
Ion Ratio Lower Upper
184 100
63 54.4 45.1 67.7
154 61.9 51.2 76.8

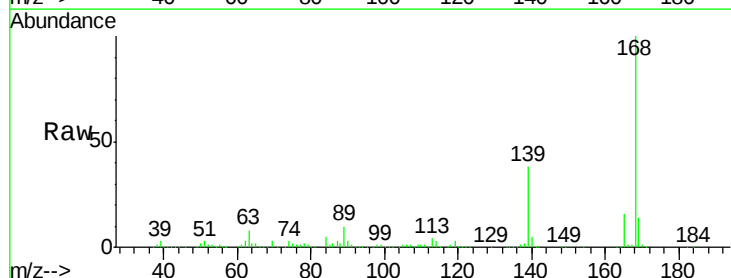


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

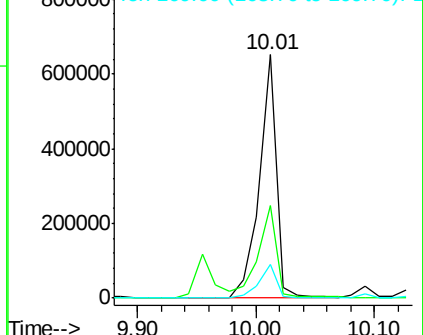
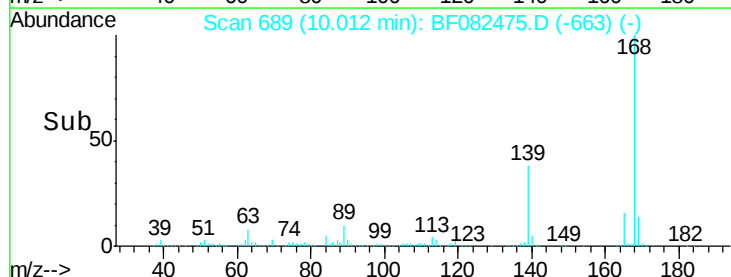


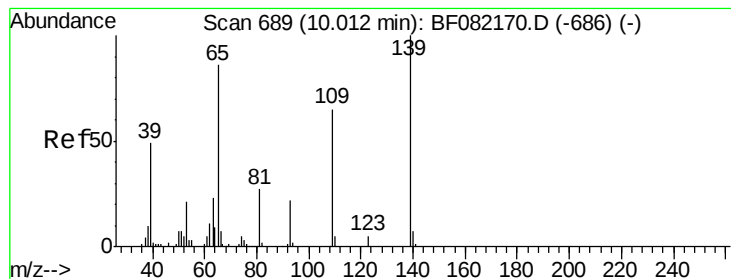
#54
Dibenzofuran
Concen: 40.06 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion:168 Resp: 660162
Ion Ratio Lower Upper
168 100
139 38.2 31.0 46.6
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 57.01 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

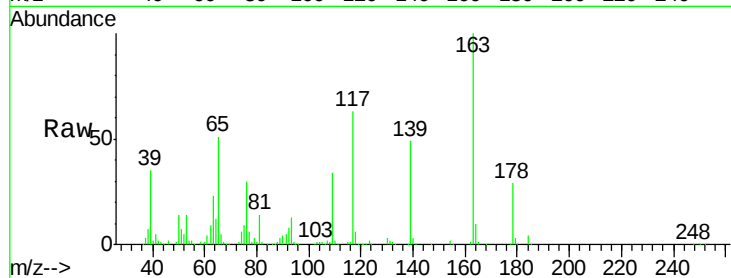
Tot Ion:139 Resp: 125118

Ion Ratio Lower Upper

139 100

109 69.6 44.8 84.8

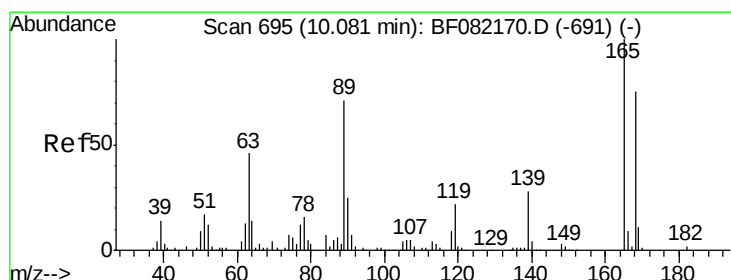
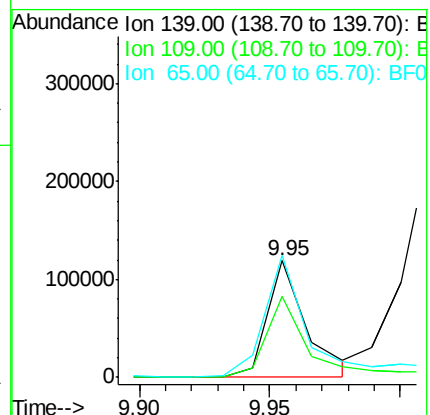
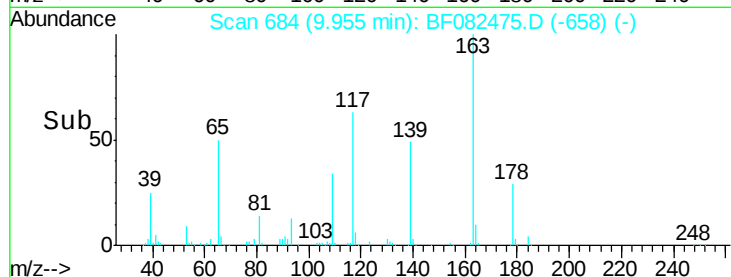
65 104.2 67.7 107.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.92 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:165 Resp: 158488

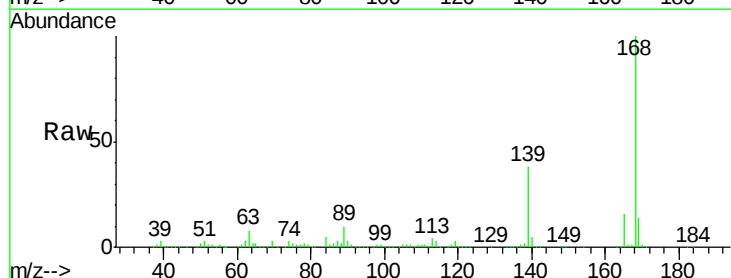
Ion Ratio Lower Upper

165 100

63 52.2 38.6 58.0

89 60.7 57.0 85.6

182 2.4 1.8 2.6

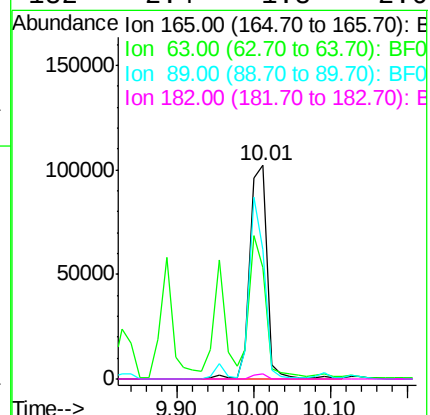
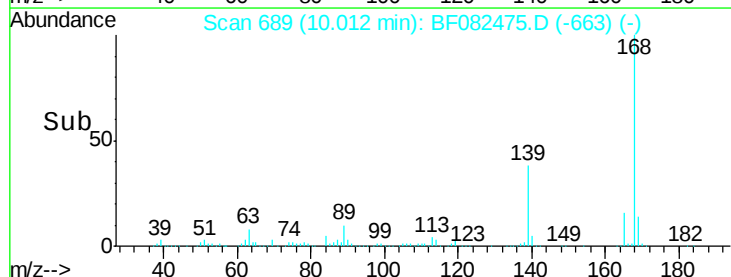


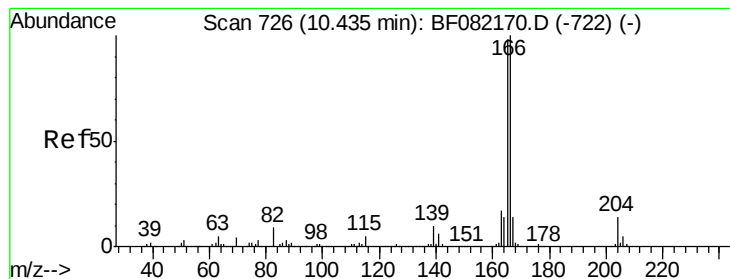
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.96 ng

RT: 10.35 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

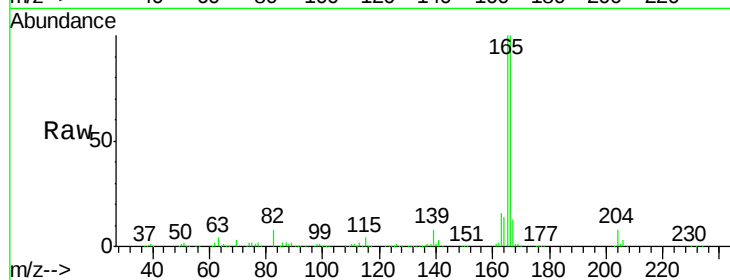
Tot Ion:166 Resp: 540769

Ion Ratio Lower Upper

166 100

165 99.8 78.3 117.5

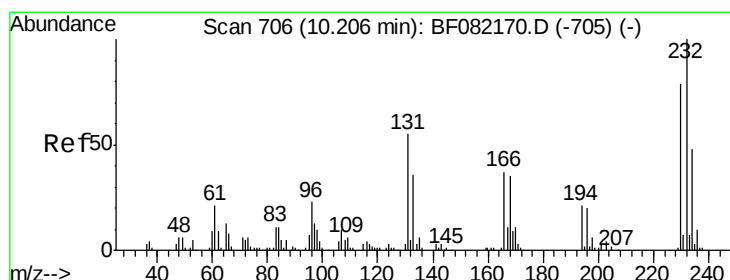
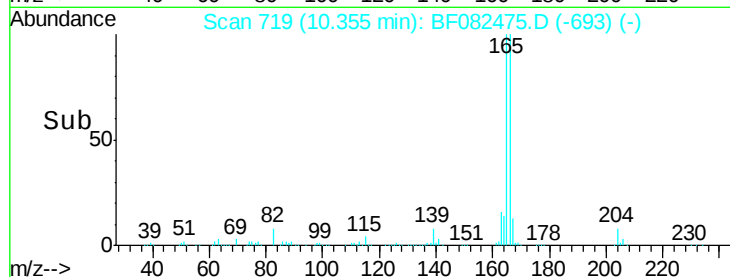
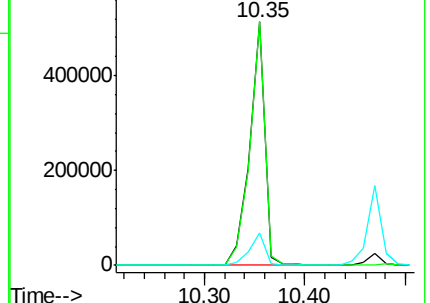
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.65 ng

RT: 10.14 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:232 Resp: 133282

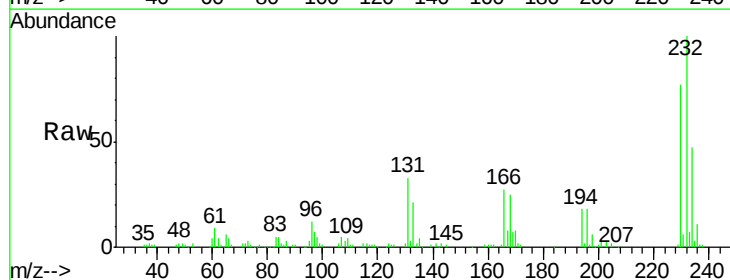
Ion Ratio Lower Upper

232 100

131 42.6 36.6 54.8

130 1.9 1.5 2.3

166 28.3 24.6 37.0

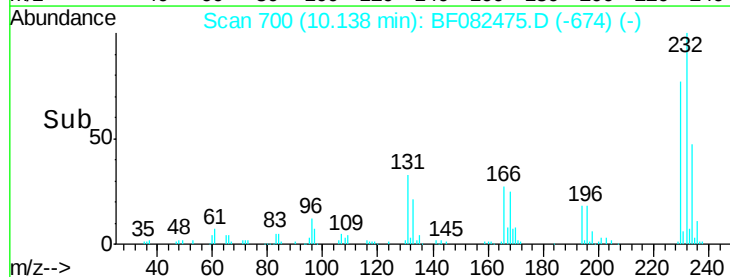
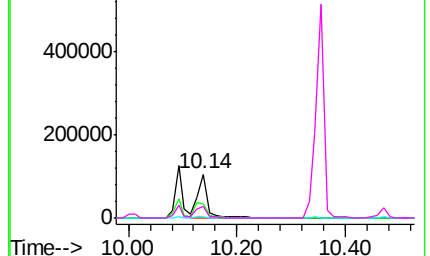


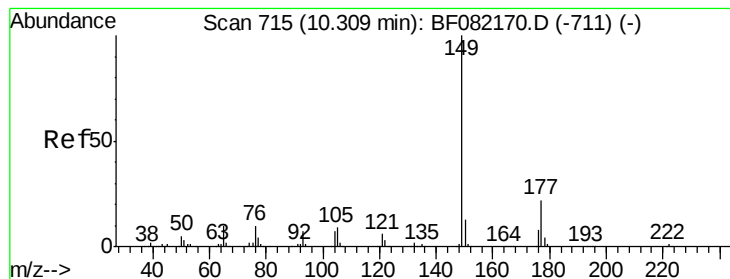
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.97 ng

RT: 10.23 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

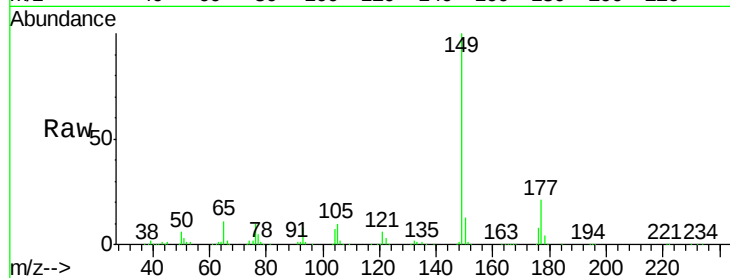
Tot Ion:149 Resp: 532867

Ion Ratio Lower Upper

149 100

177 20.5 17.6 26.4

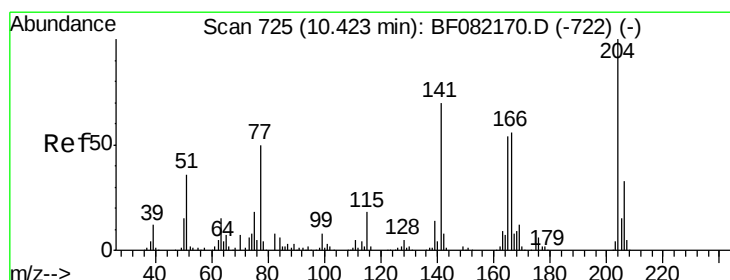
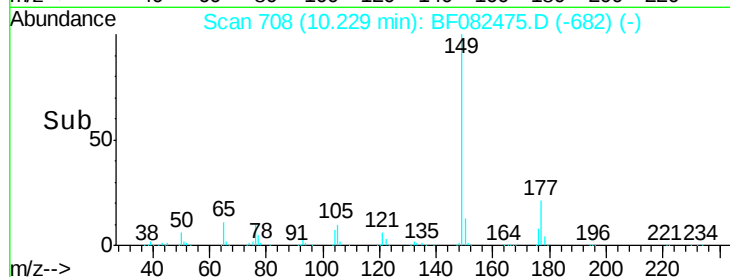
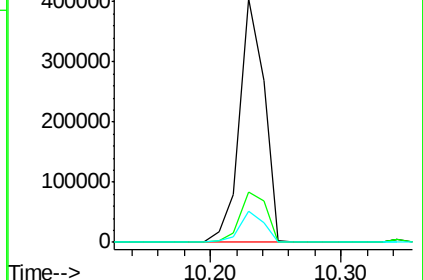
150 12.9 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.23 ng

RT: 10.34 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

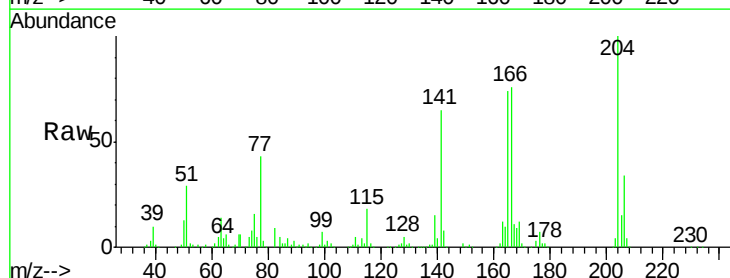
Tgt Ion:204 Resp: 243231

Ion Ratio Lower Upper

204 100

206 33.9 26.8 40.2

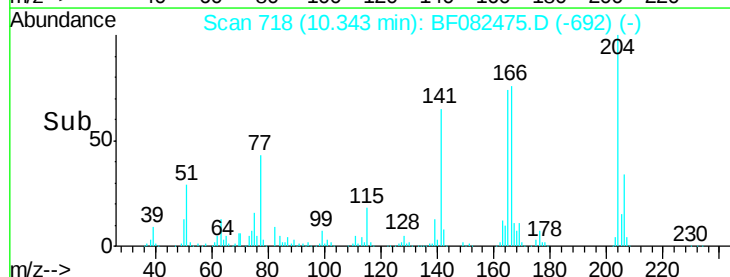
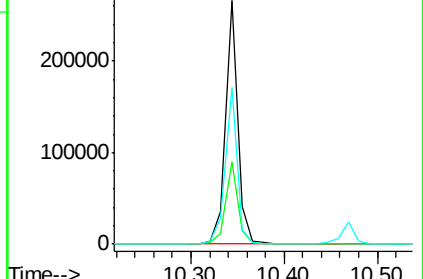
141 64.6 56.1 84.1

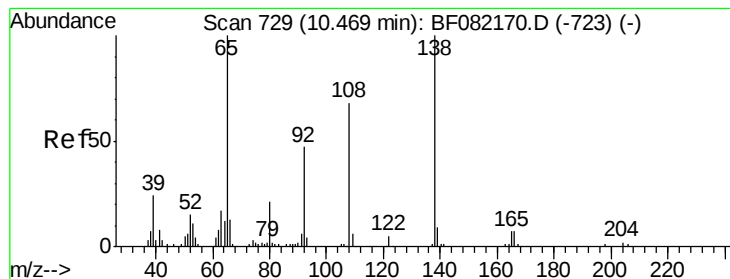


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.94 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

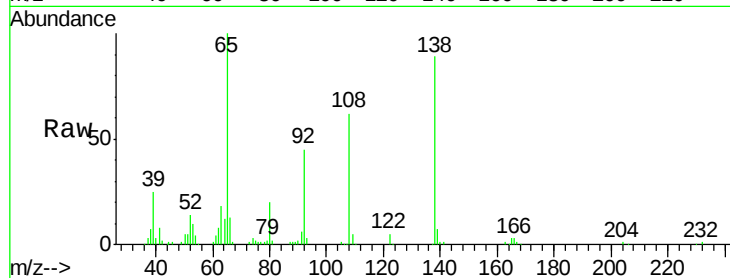
Tot Ion:138 Resp: 114638

Ion Ratio Lower Upper

138 100

92 51.0 26.8 66.8

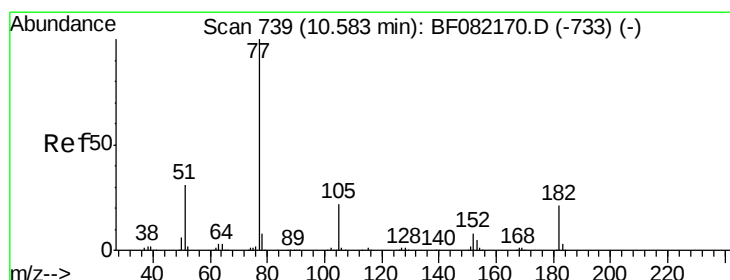
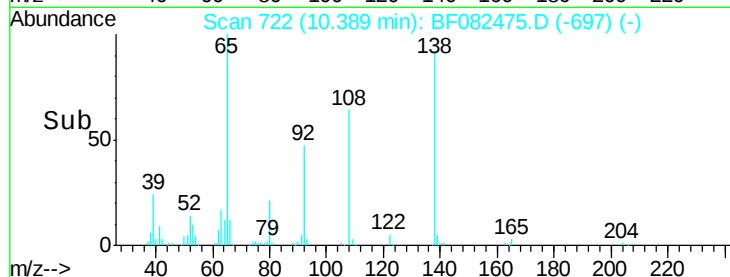
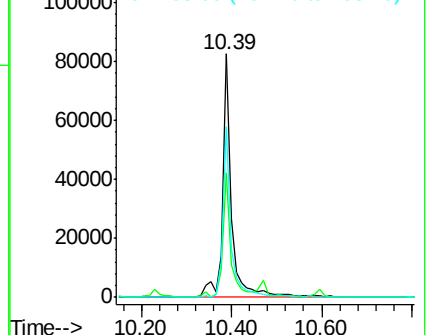
108 70.1 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.84 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion: 77 Resp: 519659

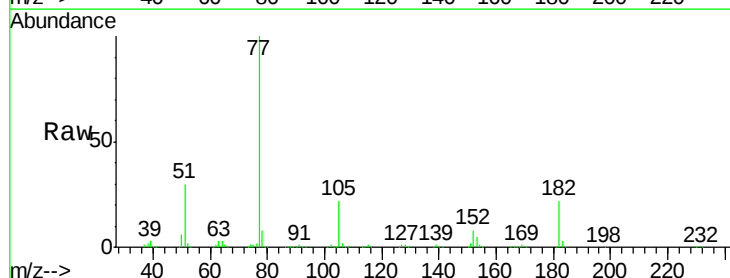
Ion Ratio Lower Upper

77 100

182 21.5 0.5 40.5

105 22.0 1.8 41.8

51 29.6 11.2 51.2

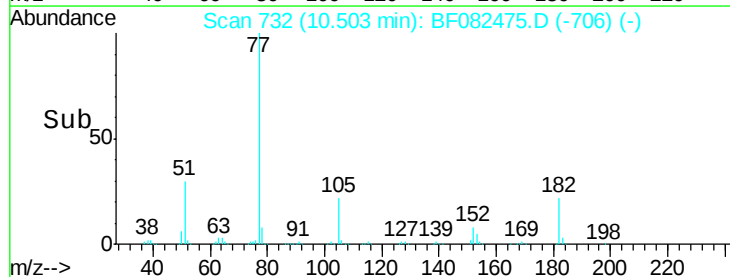
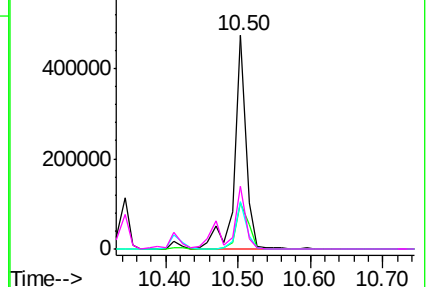


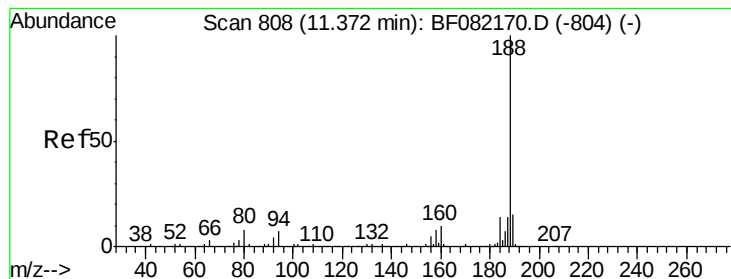
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

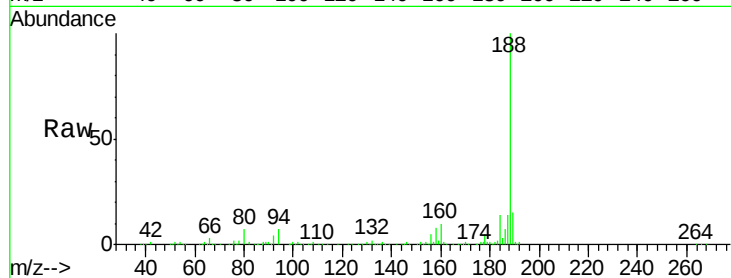
Tot Ion:188 Resp: 413732

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

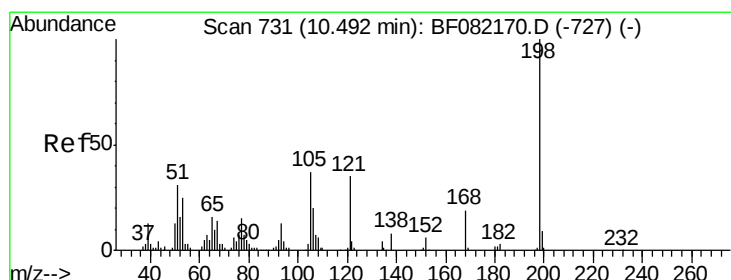
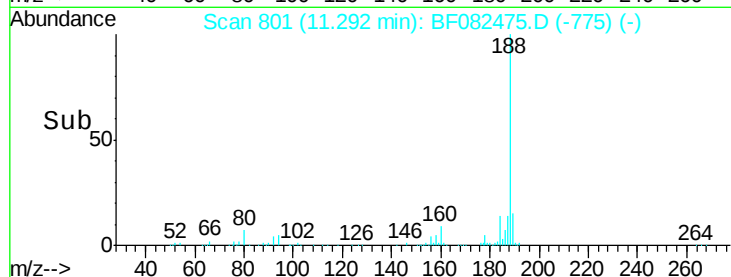
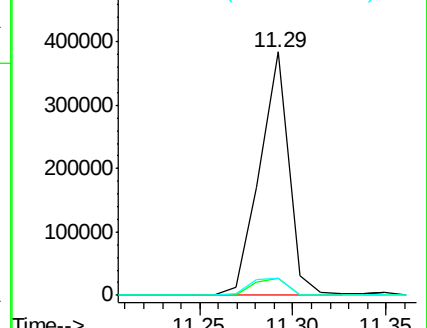
80 7.3 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.17 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

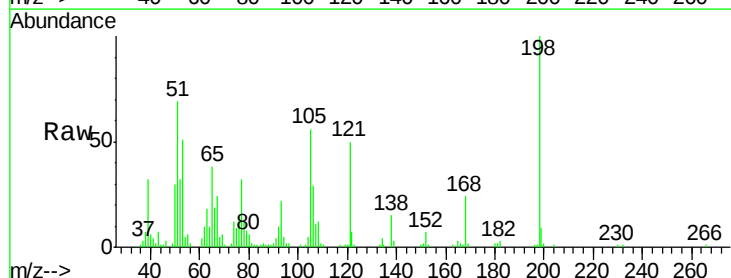
Tgt Ion:198 Resp: 86305

Ion Ratio Lower Upper

198 100

51 68.9 13.6 53.6#

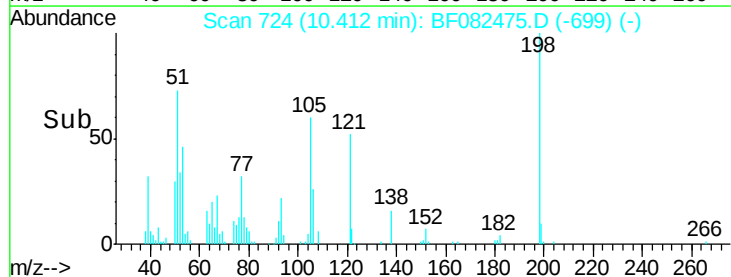
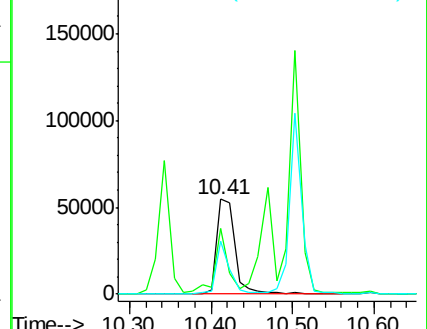
105 55.8 17.1 57.1

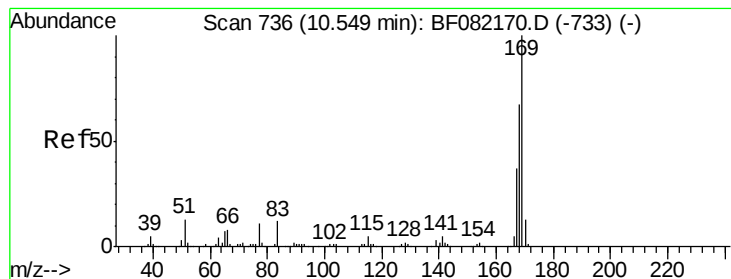


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.31 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

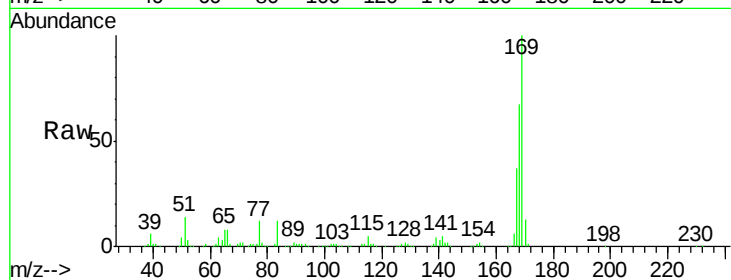
Tot Ion:169 Resp: 449793

Ion Ratio Lower Upper

169 100

168 67.2 54.0 81.0

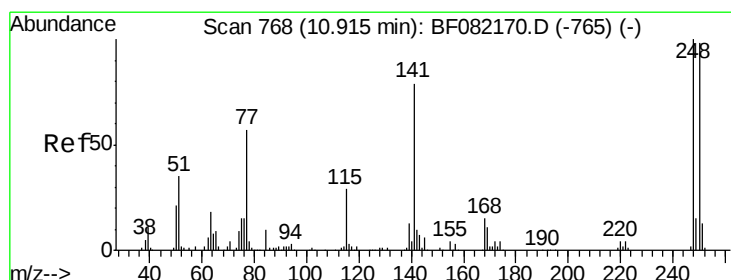
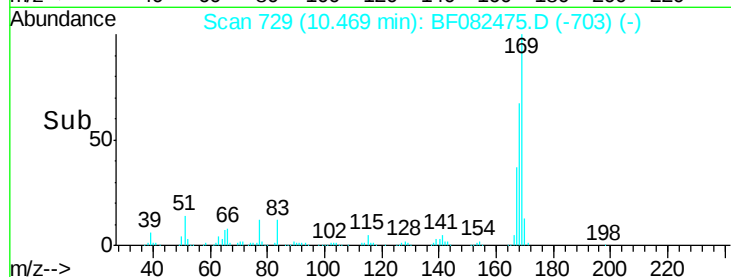
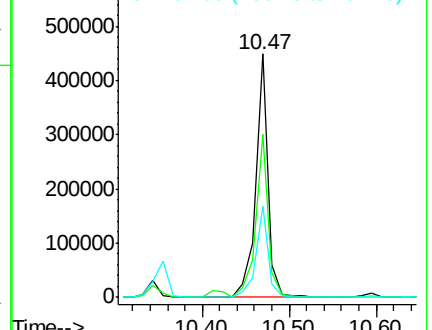
167 37.3 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.01 ng

RT: 10.83 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

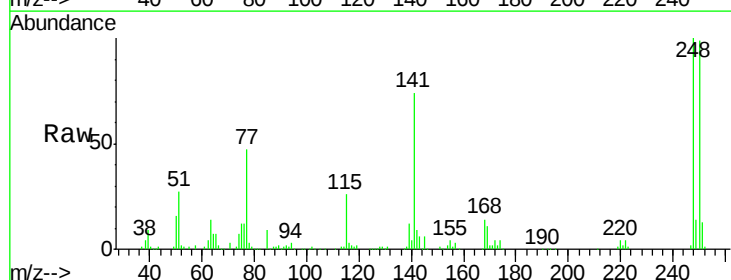
Tgt Ion:248 Resp: 153233

Ion Ratio Lower Upper

248 100

250 99.1 78.6 117.8

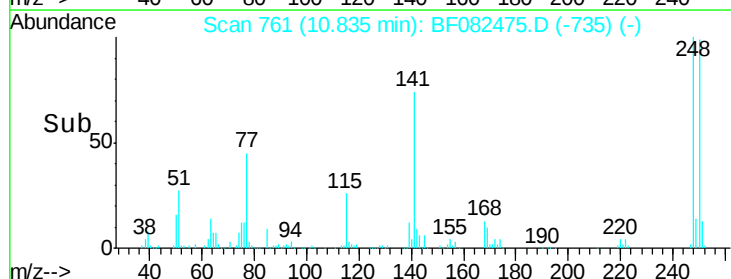
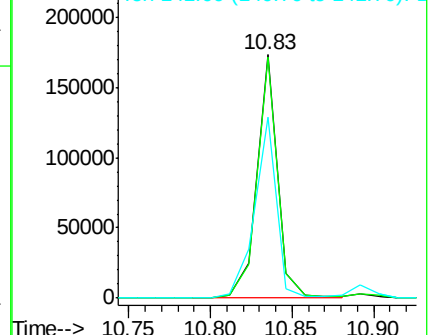
141 74.3 63.3 94.9

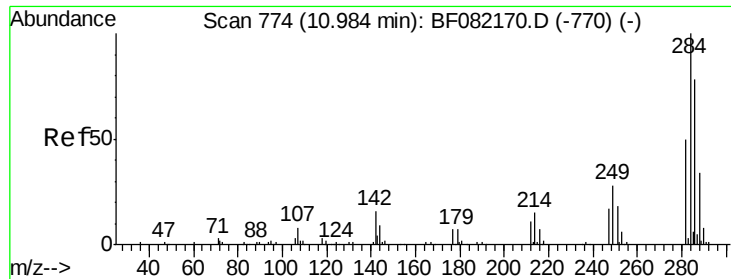


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

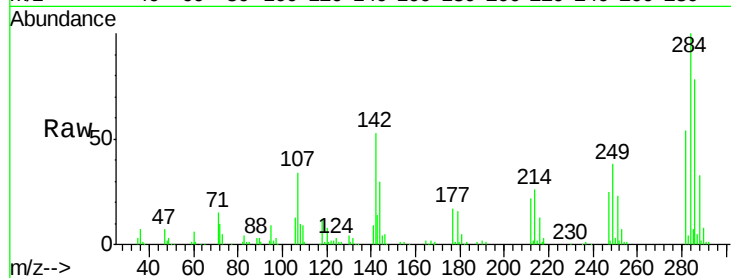




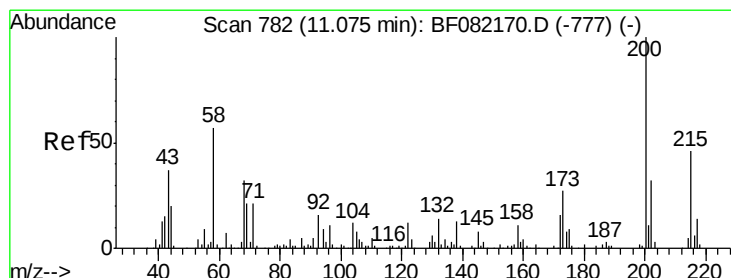
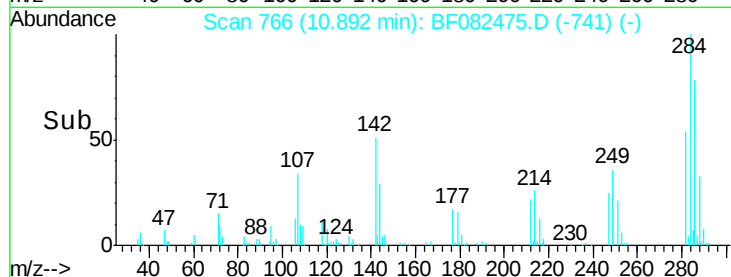
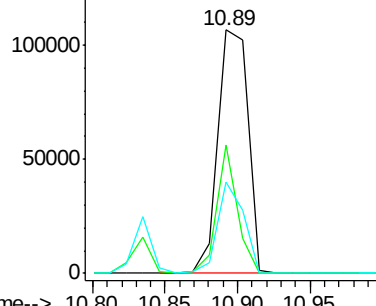
#67
Hexachlorobenzene
Concen: 34.44 ng
RT: 10.89 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampled :
PB86271BS

Tot Ion:284 Resp: 154243
Ion Ratio Lower Upper
284 100
142 52.7 13.0 19.6#
249 37.7 22.5 33.7#

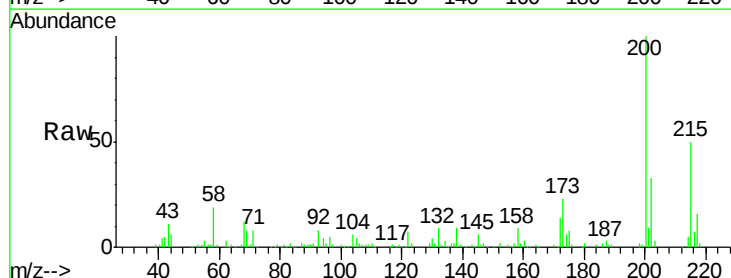


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

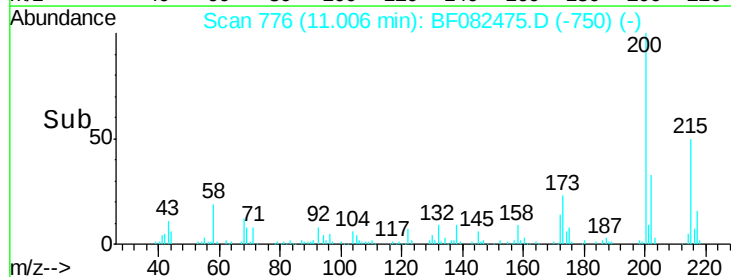
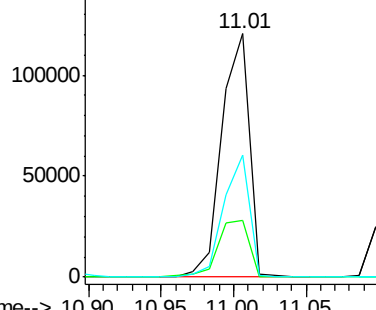


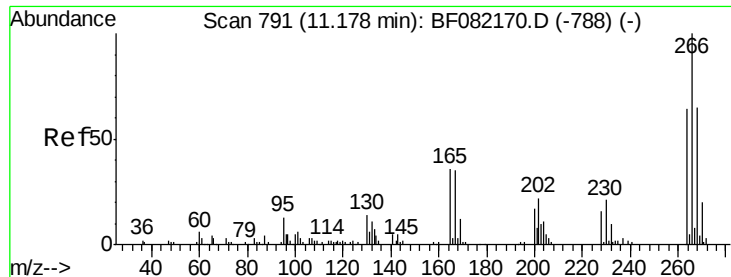
#68
Atrazine
Concen: 40.47 ng
RT: 11.01 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion:200 Resp: 158808
Ion Ratio Lower Upper
200 100
173 23.4 7.3 47.3
215 50.3 26.2 66.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

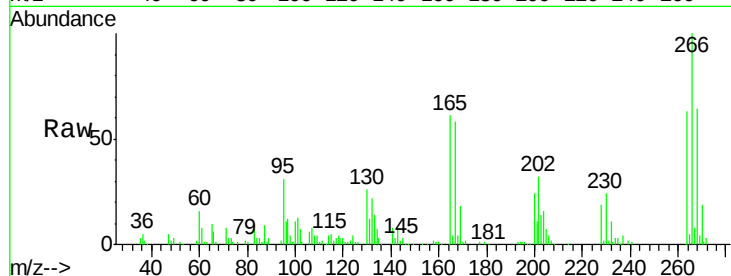




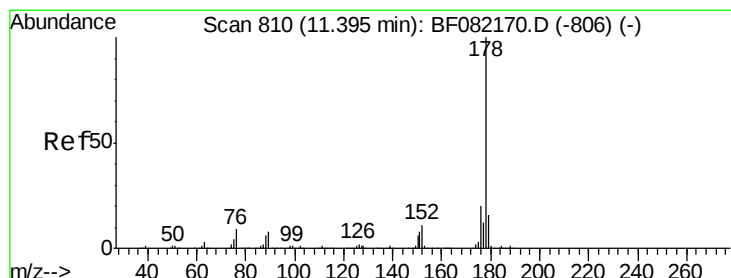
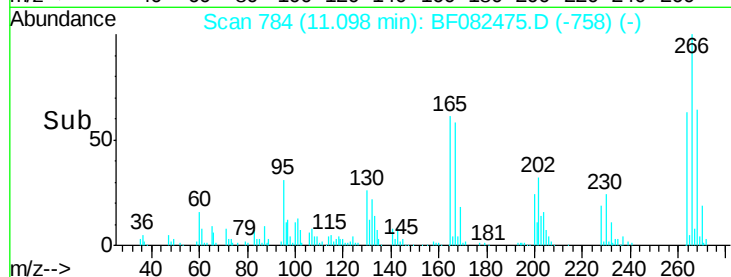
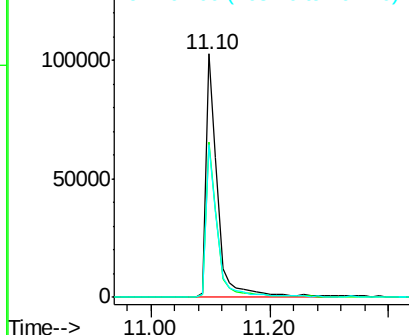
#69
 Pentachlorophenol
 Concen: 61.17 ng
 RT: 11.10 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tot Ion:266 Resp: 140962
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.0 78.0
 264 62.7 51.4 77.0

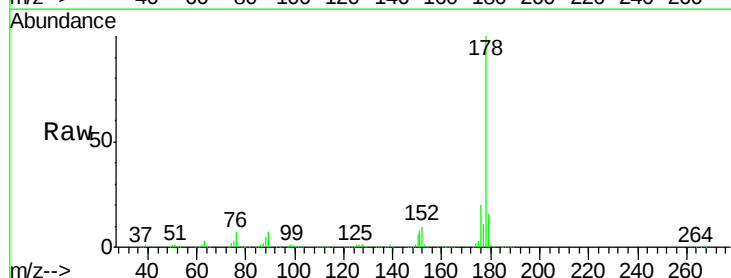


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

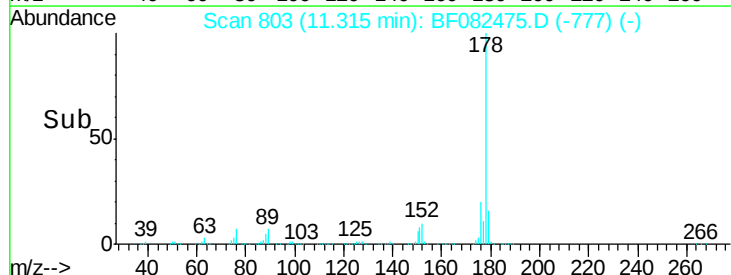
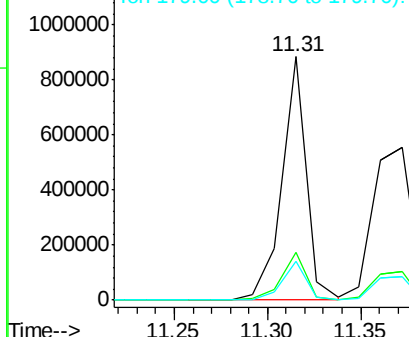


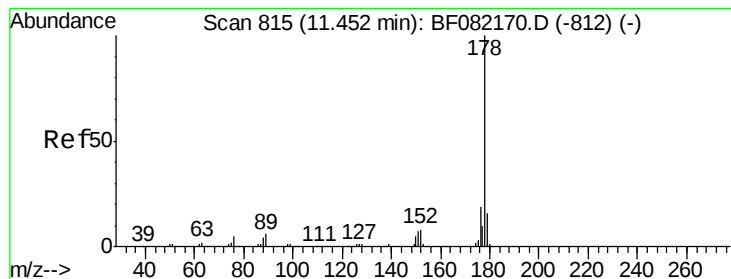
#70
 Phenanthrene
 Concen: 39.59 ng
 RT: 11.31 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:178 Resp: 802832
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.71 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

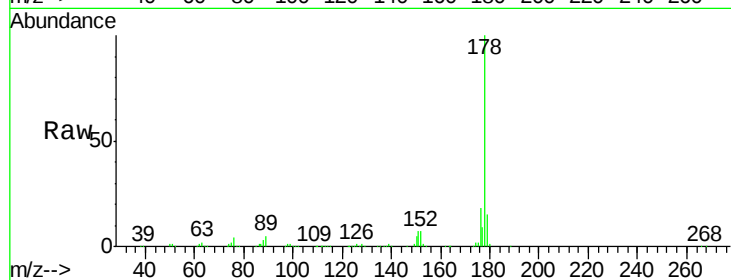
Tot Ion:178 Resp: 808968

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

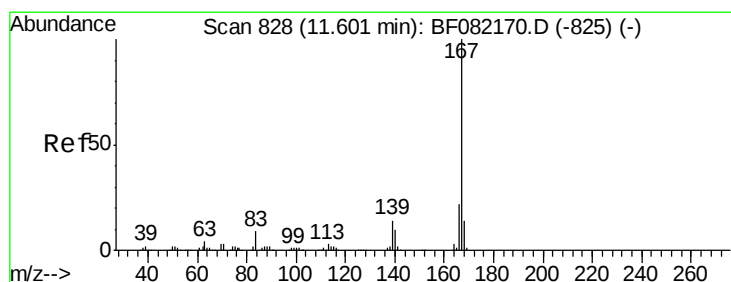
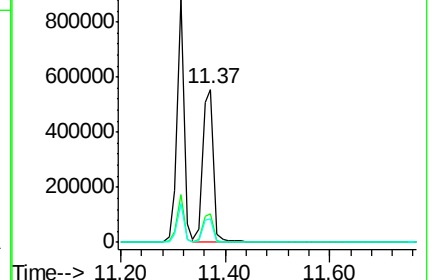
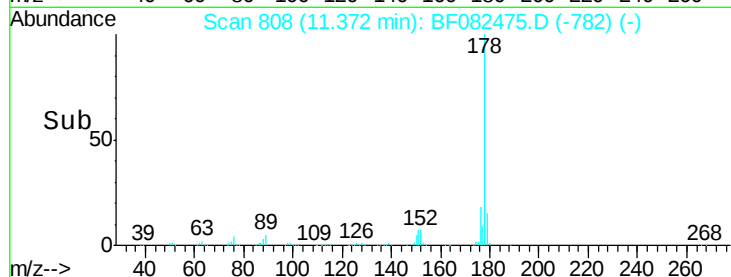
179 15.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.48 ng

RT: 11.53 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

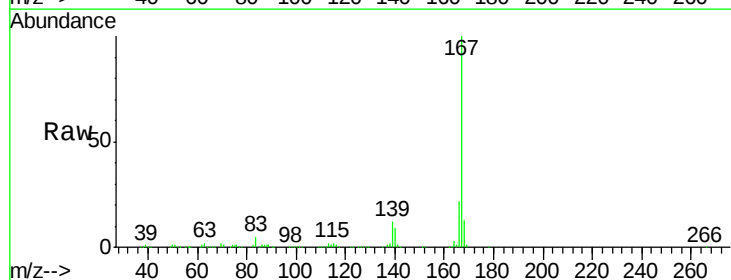
Tgt Ion:167 Resp: 733586

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

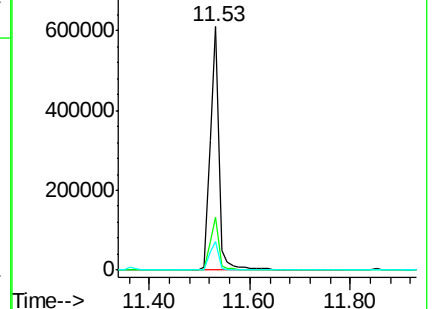
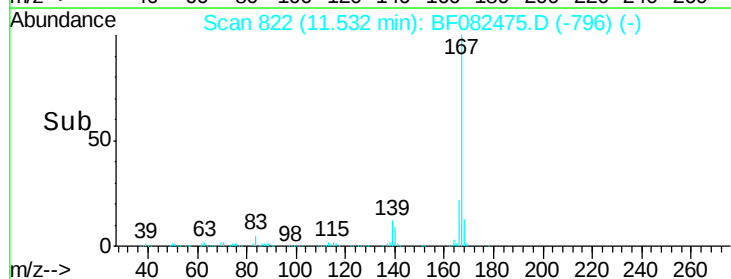
139 12.0 11.2 16.8

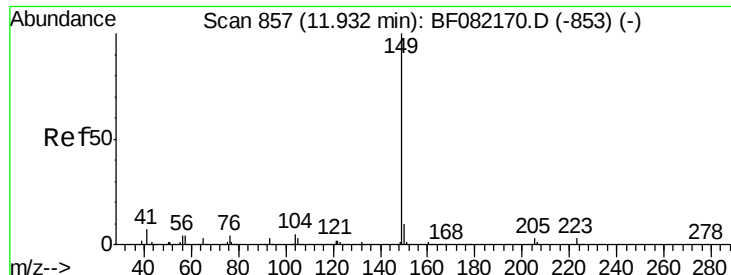


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.49 ng

RT: 11.85 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

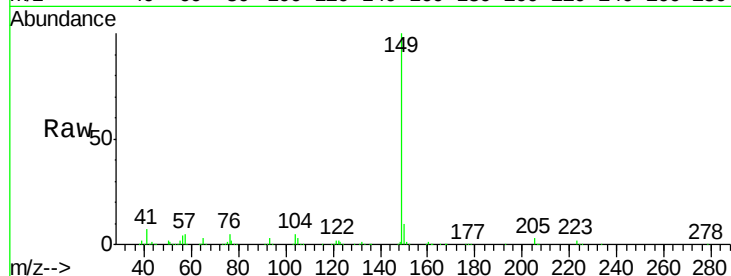
Tot Ion:149 Resp: 834699

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

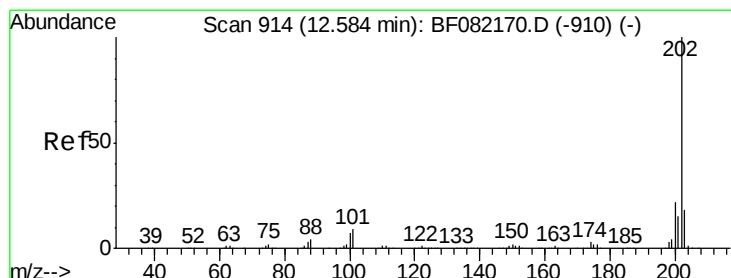
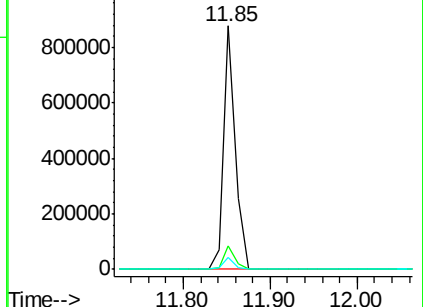
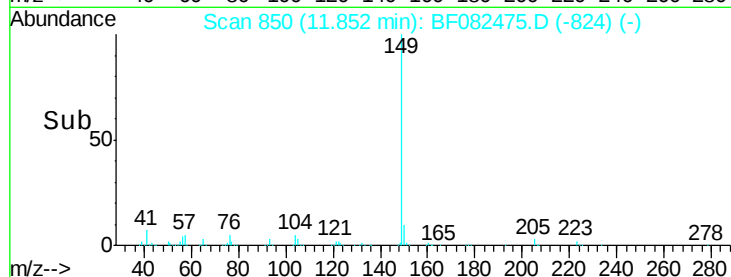
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.93 ng

RT: 12.50 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

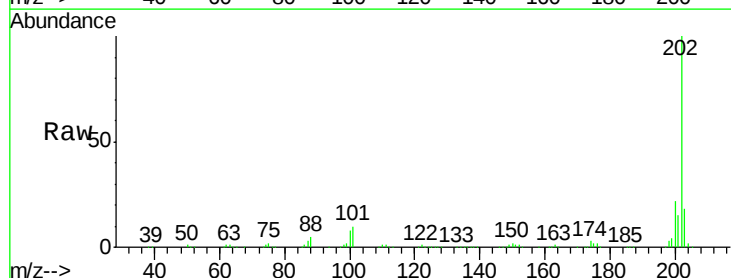
Tgt Ion:202 Resp: 826224

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

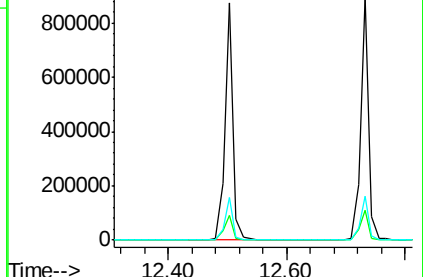
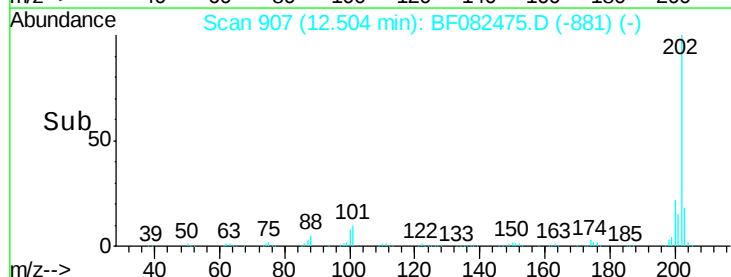
203 18.2 0.0 37.8

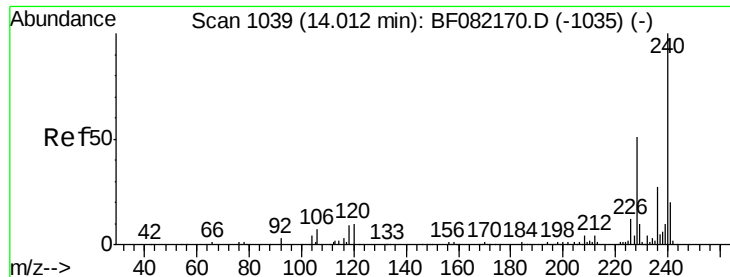


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

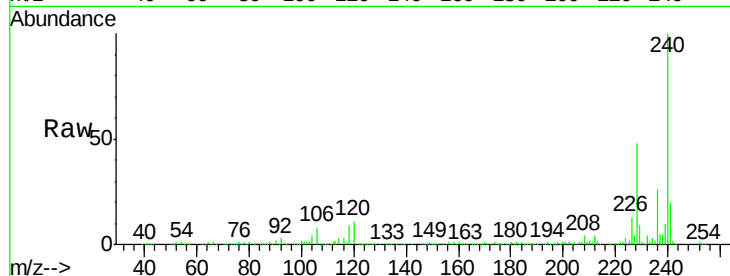




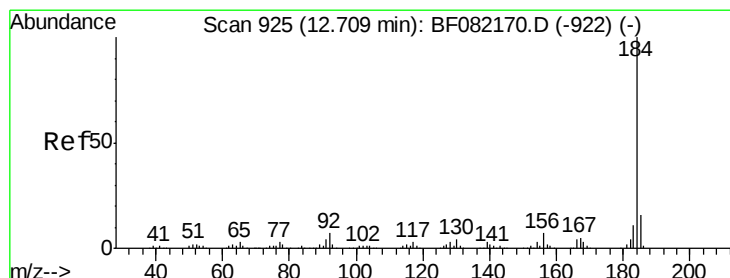
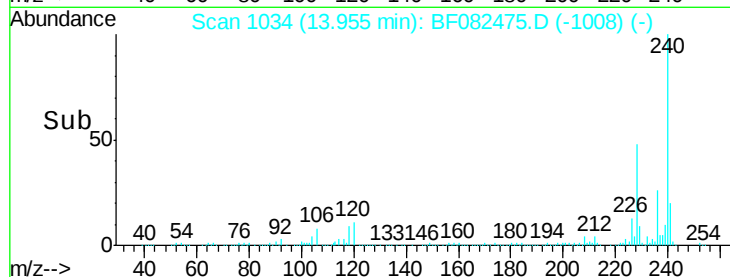
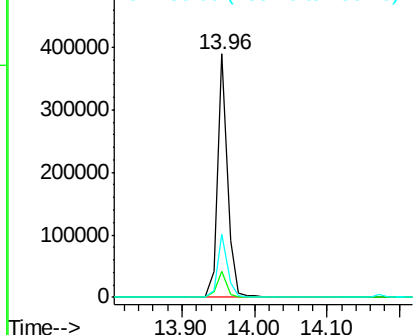
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tot Ion:240 Resp: 372232
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 25.8 21.3 31.9

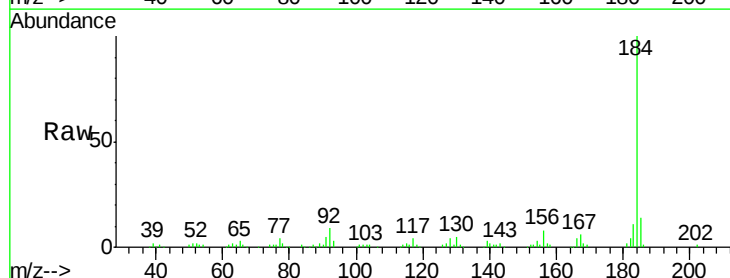


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

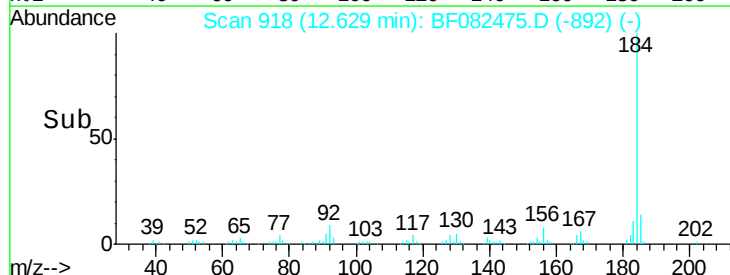
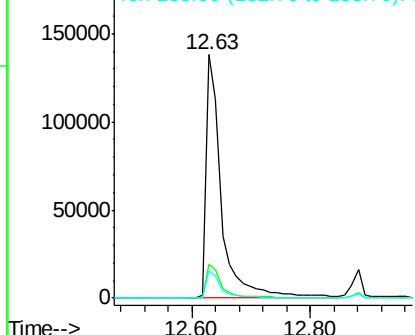


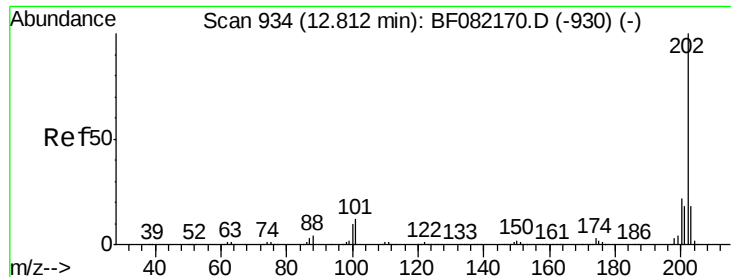
#76
 Benzidine
 Concen: 23.24 ng
 RT: 12.63 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:184 Resp: 250736
 Ion Ratio Lower Upper
 184 100
 185 13.9 12.5 18.7
 183 11.0 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

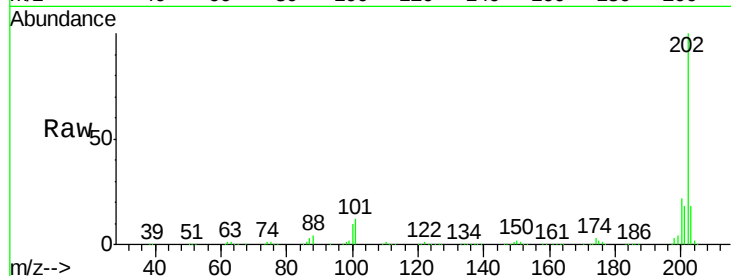




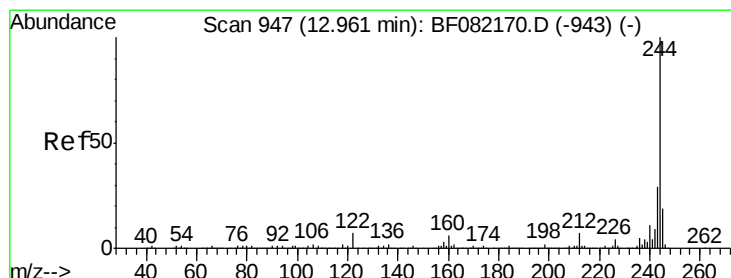
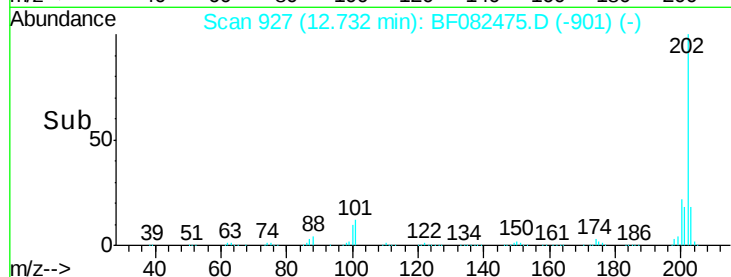
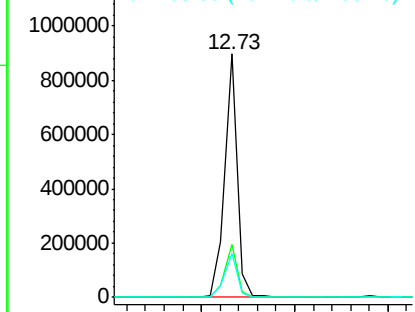
#77
Pvrene
Concen: 37.65 ng
RT: 12.73 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tot Ion:202 Resp: 831748
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 17.9 14.5 21.7

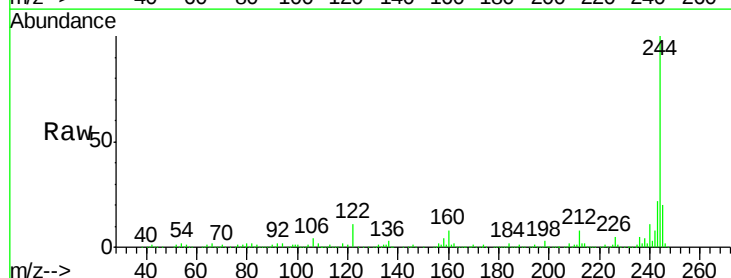


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

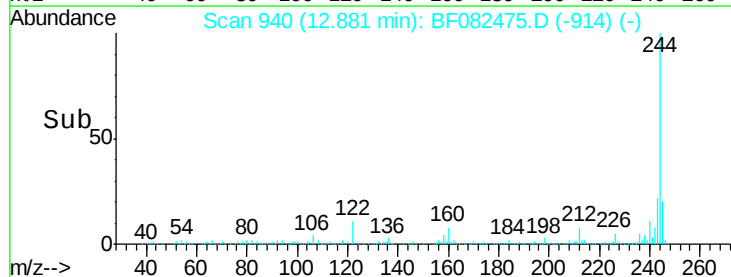
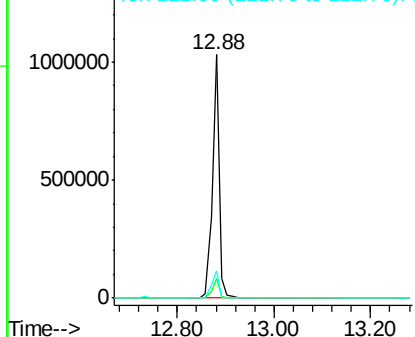


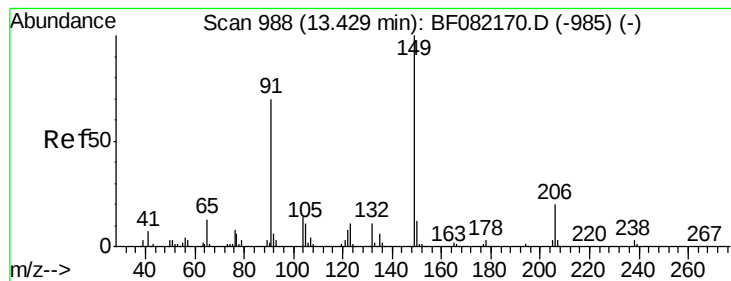
#78
Terphenyl-d14
Concen: 74.11 ng
RT: 12.88 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion:244 Resp: 1040944
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.6
122 11.2 5.9 8.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.02 ng

RT: 13.36 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

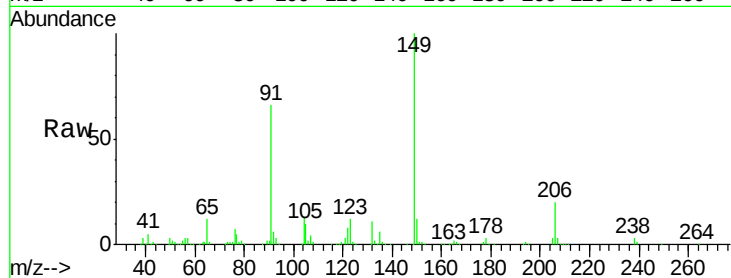
Tot Ion:149 Resp: 383253

Ion Ratio Lower Upper

149 100

91 66.0 55.7 83.5

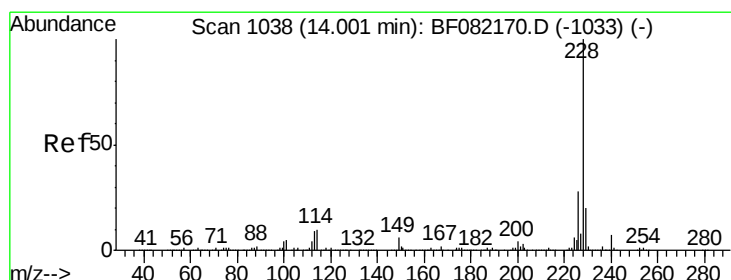
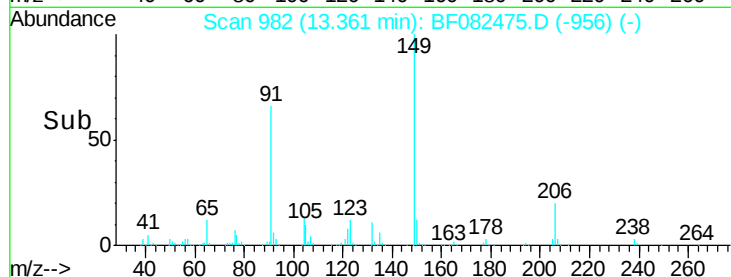
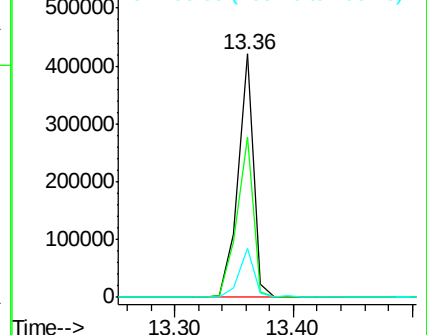
206 20.1 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.05 ng

RT: 13.94 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

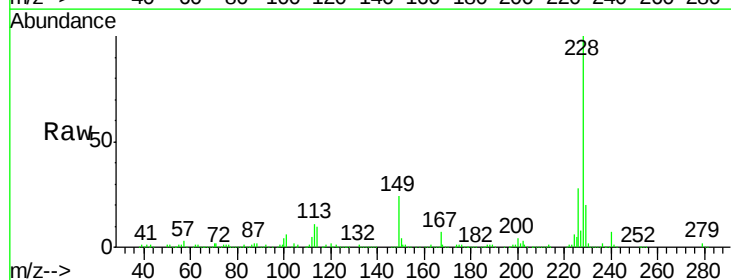
Tgt Ion:228 Resp: 678813

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

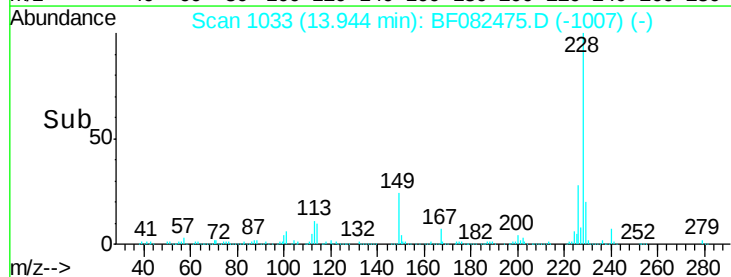
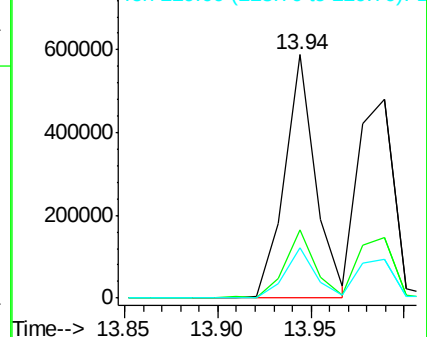
229 20.5 16.2 24.2

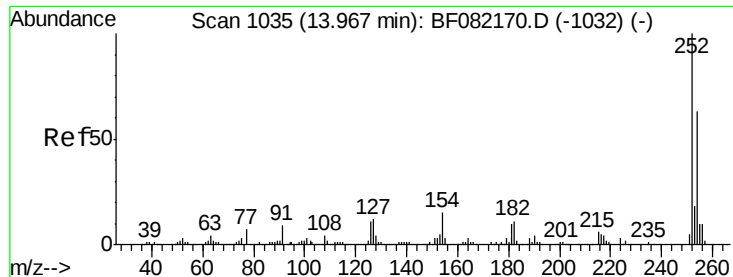


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

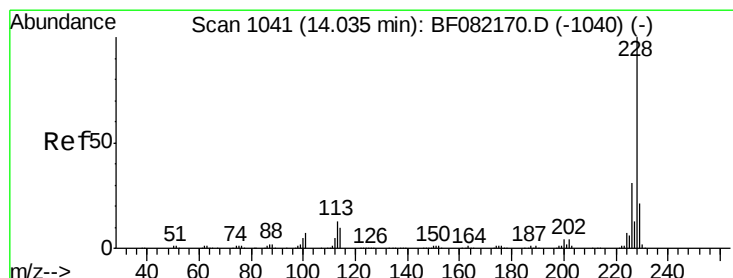
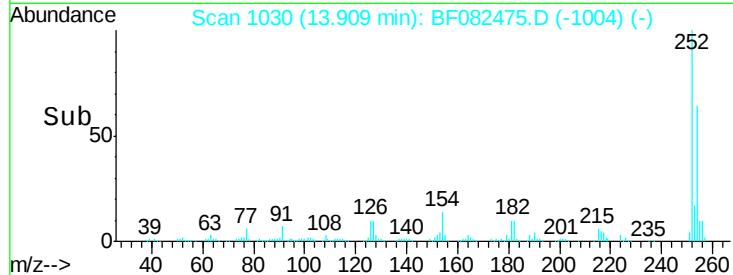
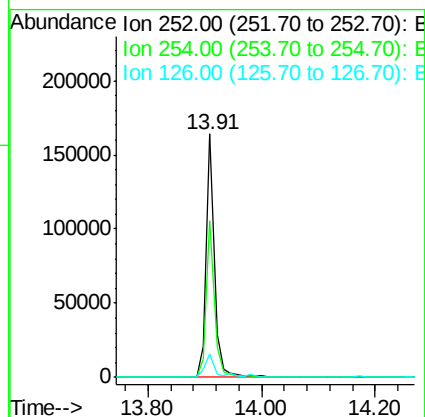
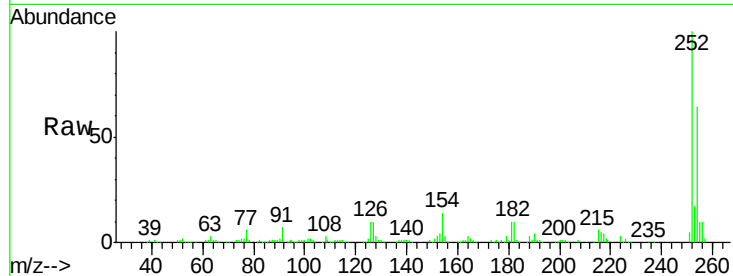




#81
 3,3'-Dichlorobenzidine
 Concen: 21.70 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

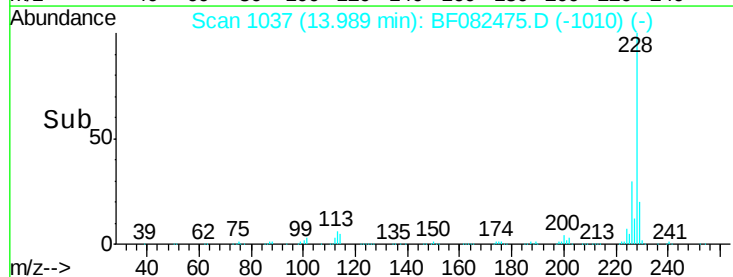
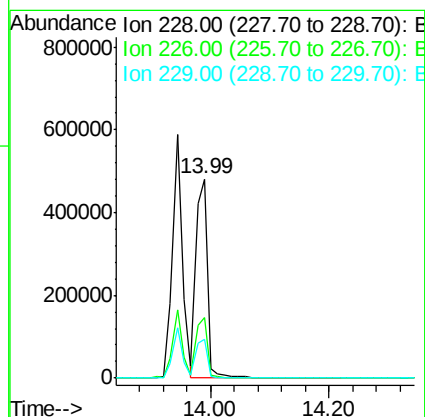
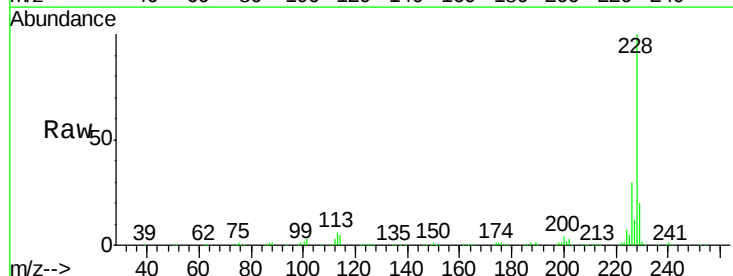
Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

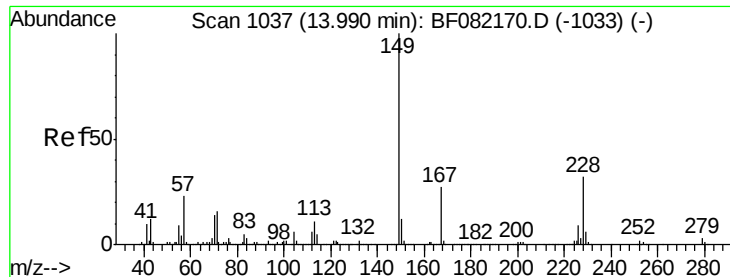
Tot Ion:252 Resp: 159561
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.7 76.1
 126 9.8 9.0 13.6



#82
 Chrysene
 Concen: 32.42 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:228 Resp: 661675
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 19.6 16.3 24.5

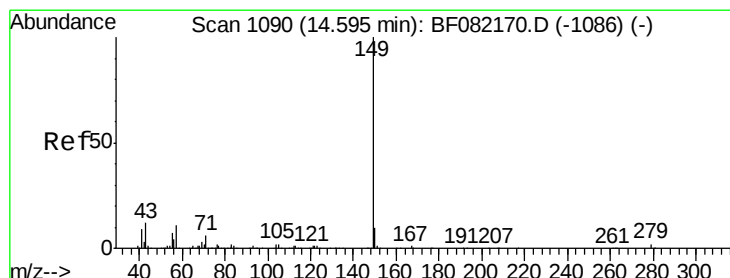
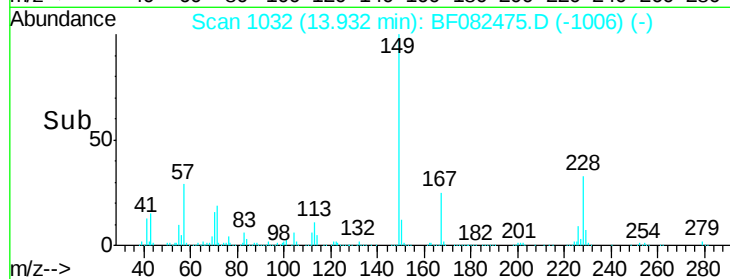
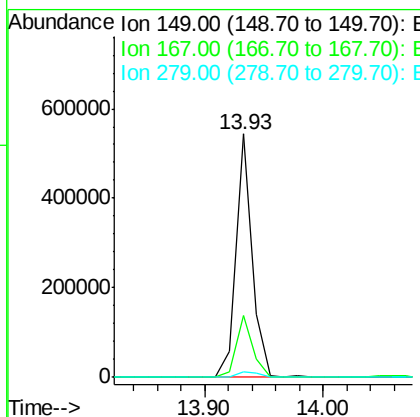
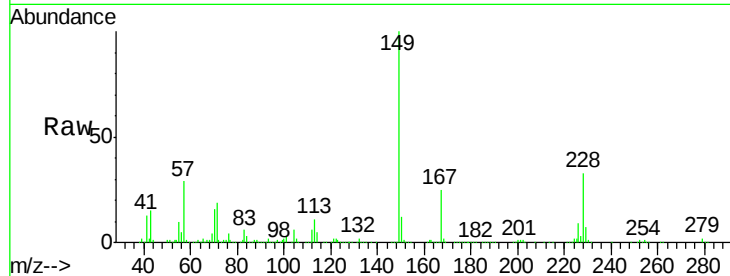




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.83 ng
 RT: 13.93 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

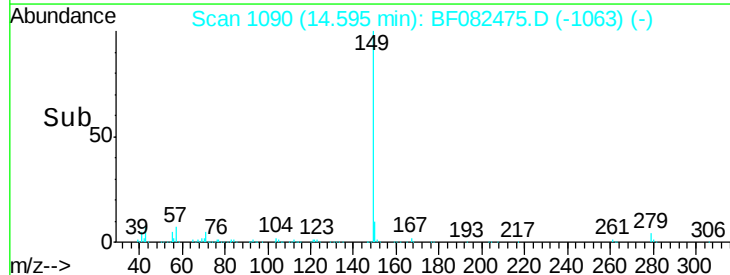
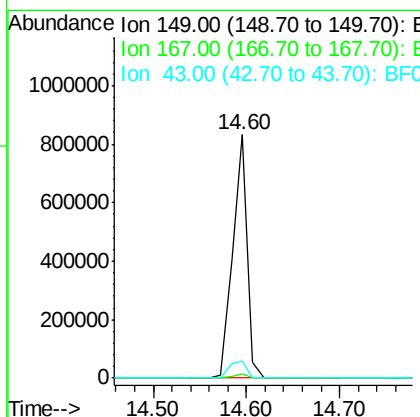
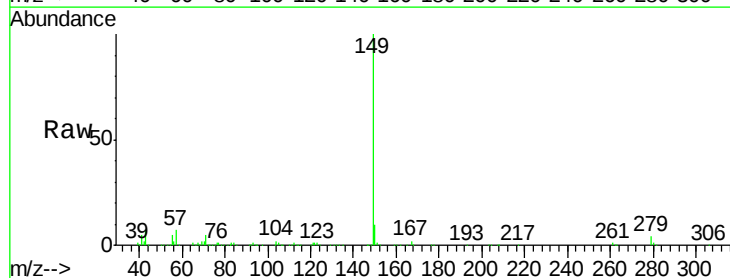
Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

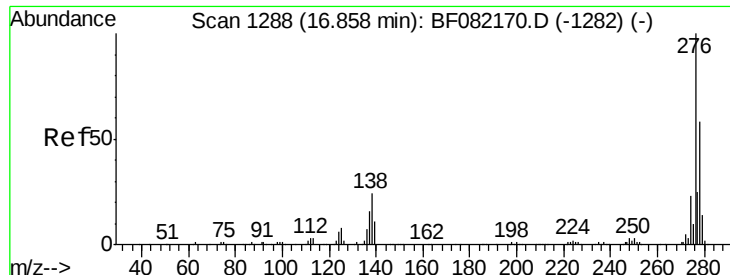
Tot Ion:149 Resp: 515279
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.3 31.9
 279 2.4 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 36.37 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:149 Resp: 898390
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.1 7.4 11.2

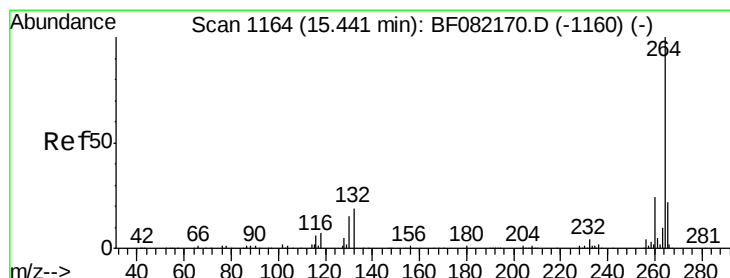
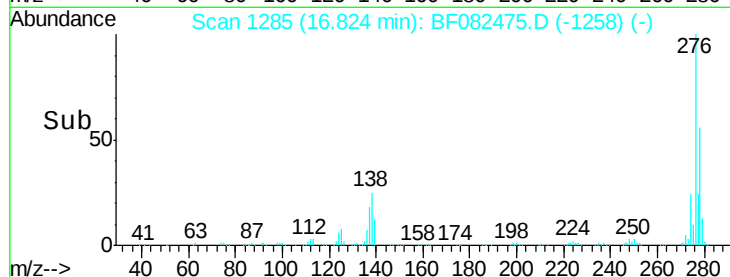
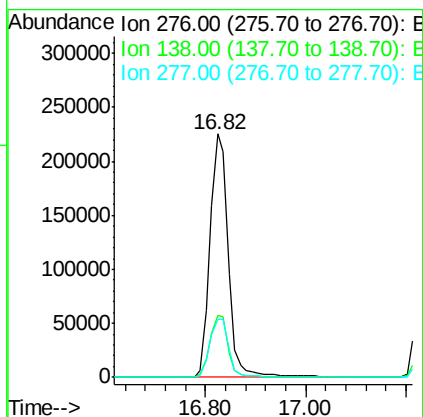
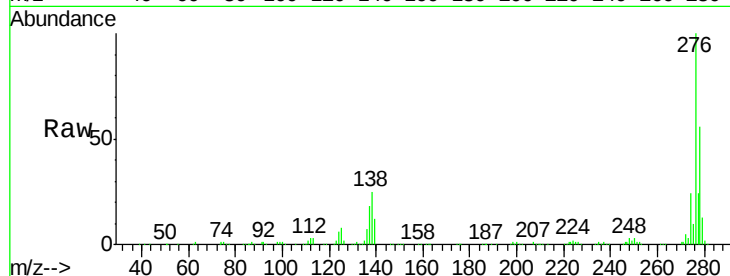




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.00 ng
 RT: 16.82 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

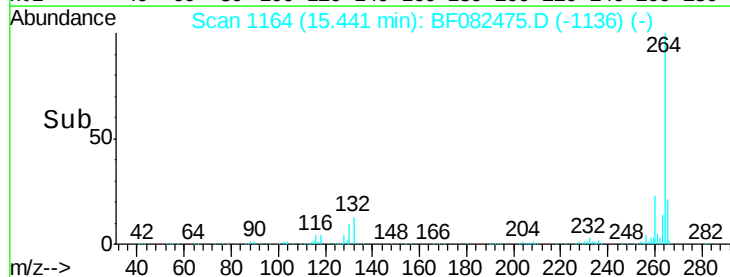
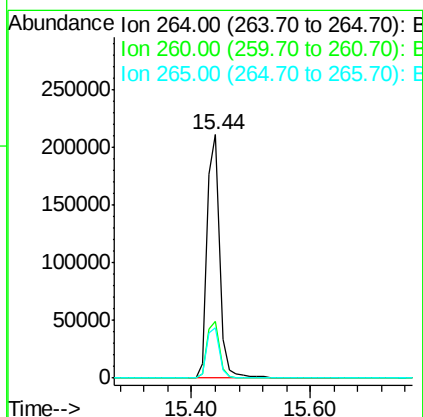
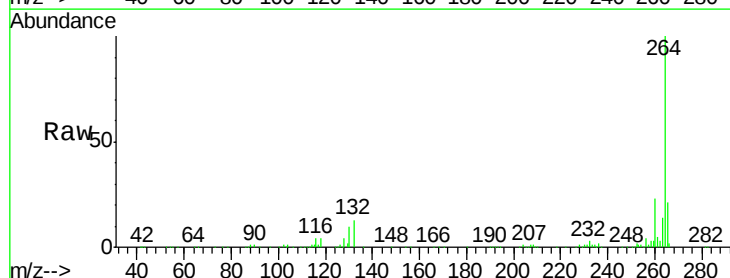
Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

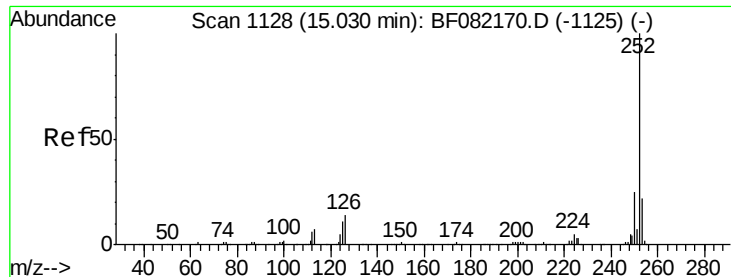
Tot Ion:276 Resp: 567692
 Ion Ratio Lower Upper
 276 100
 138 25.8 19.7 29.5
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.02 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:264 Resp: 312793
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 20.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 67.46 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.05 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

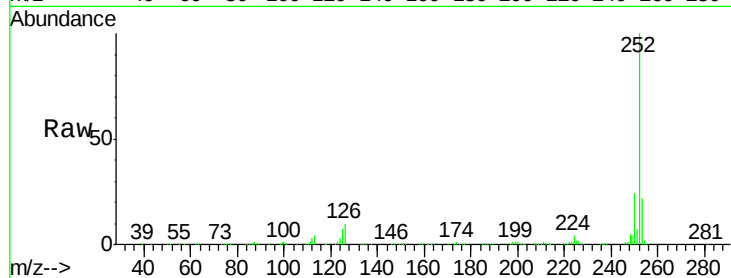
Tot Ion:252 Resp: 1283843

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

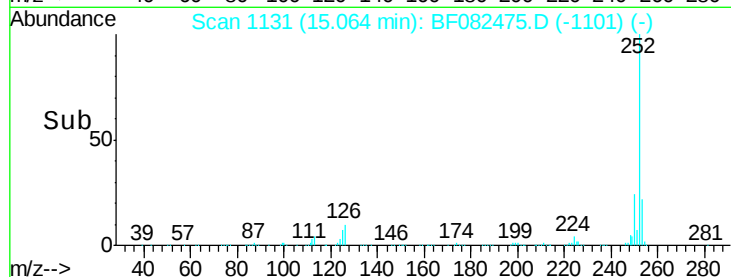
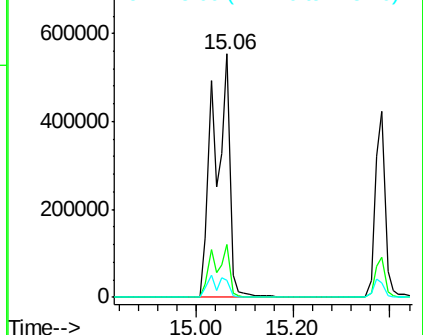
125 7.0 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 80.29 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.02 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

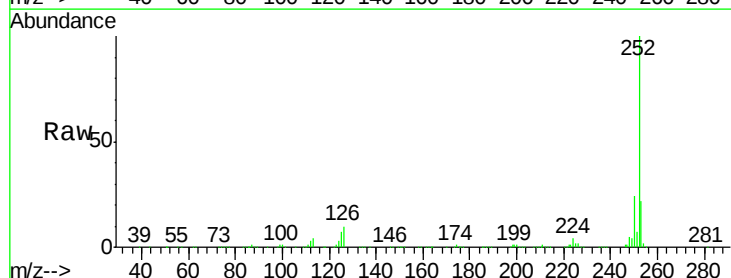
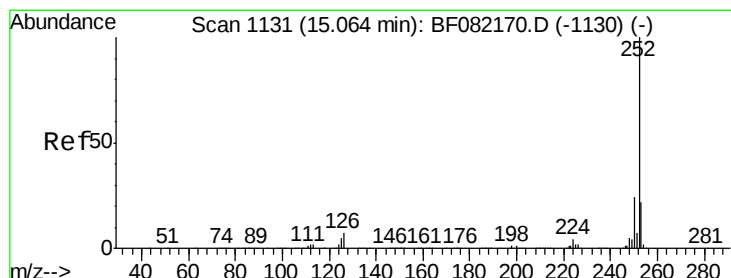
Tgt Ion:252 Resp: 1284260

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

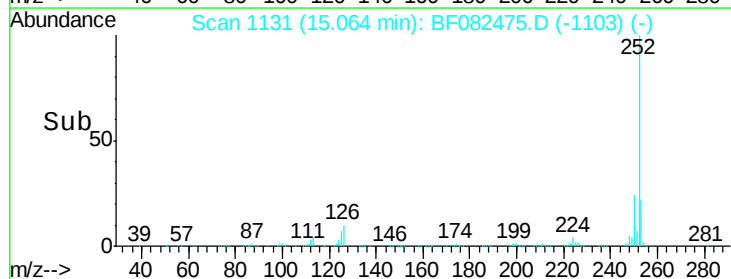
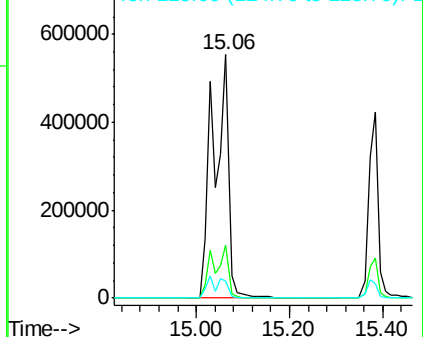
125 7.0 6.7 10.1

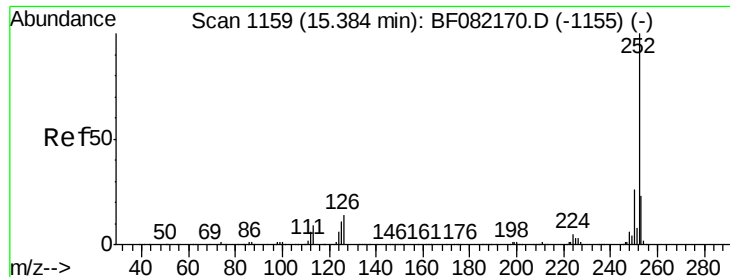


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.19 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.02 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS

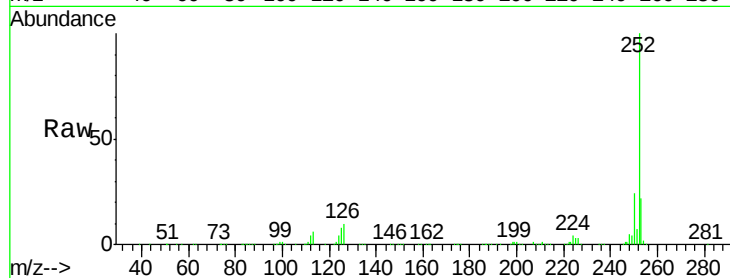
Tot Ion:252 Resp: 608216

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

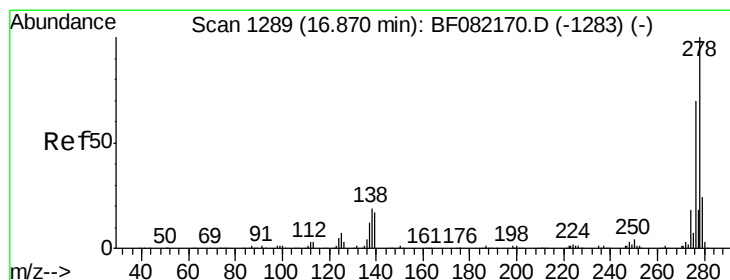
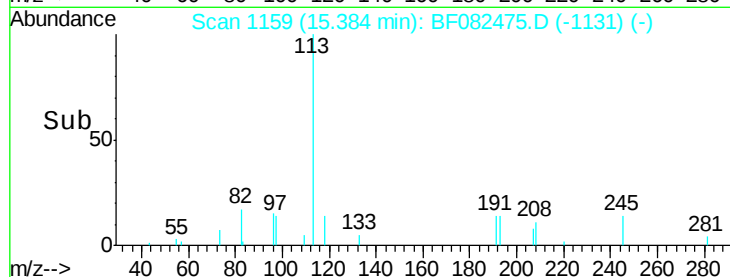
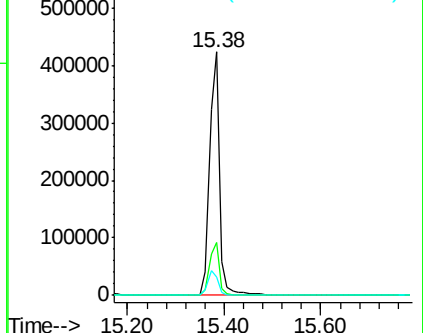
125 7.7 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.93 ng

RT: 16.84 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

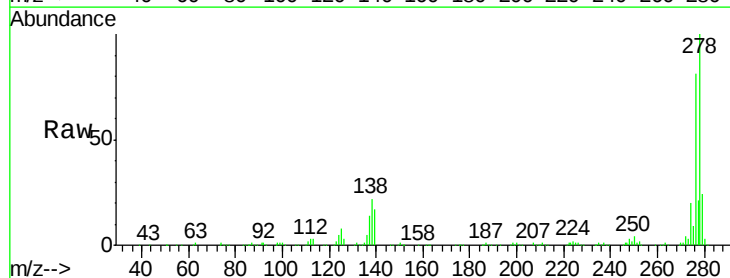
Tgt Ion:278 Resp: 481595

Ion Ratio Lower Upper

278 100

139 17.1 13.3 19.9

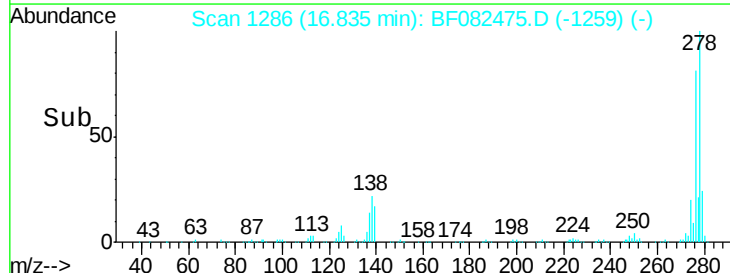
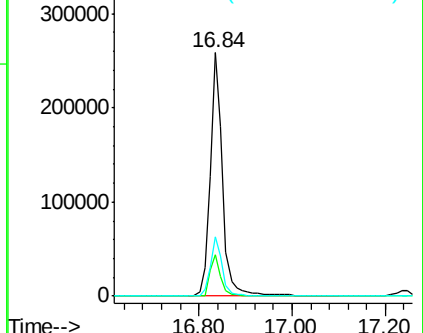
279 24.2 18.9 28.3

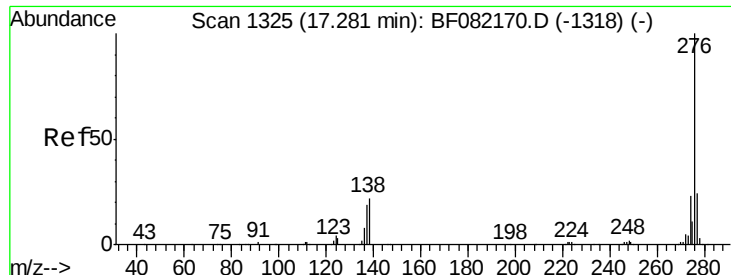


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

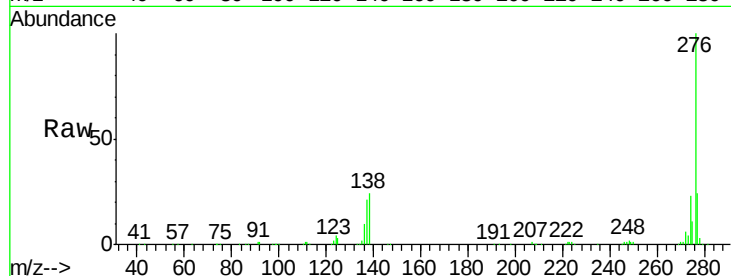




#91
 Benzo(a,h,i)perylene
 Concen: 35.17 ng
 RT: 17.24 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tot Ion:276 Resp: 457874
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.8 28.2
 138 24.4 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

