

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082474.D
 Acq On : 23 Oct 2015 19:26
 Operator : UM/IZ
 Sample : PB86203BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Quant Time: Oct 24 04:51:28 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	106096	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	422117	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	221262	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	435512	20.00	ng	0.00
75) Chrysene-d12	13.94	240	381204	20.00	ng	-0.01
86) Perylene-d12	15.41	264	316866	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	574618	109.31	ng	0.01
7) Phenol-d6	6.41	99	737337	107.78	ng	0.00
23) Nitrobenzene-d5	7.33	82	436064	69.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	172147	82.96	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	913691	68.48	ng	-0.01
78) Terphenyl-d14	12.88	244	1012316	70.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	68015	25.75	ng	95
3) Pyridine	3.04	79	178195	29.01	ng	98
4) n-Nitrosodimethylamine	3.01	42	74103	28.44	ng	93
6) Aniline	6.42	93	135179	15.33	ng	# 1
8) 2-Chlorophenol	6.54	128	208458	32.48	ng	84
9) Benzaldehyde	6.30	77	85226	24.40	ng	99
10) Phenol	6.42	94	253719	32.17	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	191477	28.71	ng	91
12) 1,3-Dichlorobenzene	6.69	146	229977	30.77	ng	97
13) 1,4-Dichlorobenzene	6.77	146	235605	30.19	ng	98
14) 1,2-Dichlorobenzene	6.77	146	237062	31.99	ng	96
15) Benzyl Alcohol	6.90	79	157961	33.45	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	284277	30.61	ng	85
17) 2-Methylphenol	7.03	107	172254	33.94	ng	93
18) Hexachloroethane	7.26	117	81079	30.35	ng	96
19) n-Nitroso-di-n-propylamine	7.18	70	152109	31.66	ng	92
20) 3+4-Methylphenols	7.19	107	216404	35.79	ng	# 59
22) Acetophenone	7.17	105	284216	34.04	ng	# 90
24) Nitrobenzene	7.35	77	214755	31.56	ng	# 86
25) Isophorone	7.59	82	401604	31.66	ng	95
26) 2-Nitrophenol	7.67	139	113072	33.28	ng	# 90
27) 2,4-Dimethylphenol	7.71	122	190723	34.85	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	238333	32.29	ng	99
29) 2,4-Dichlorophenol	7.91	162	189515	34.64	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	202589	32.12	ng	97
31) Naphthalene	8.07	128	588196	32.15	ng	99
32) Benzoic acid	7.85	122	97855	26.64	ng	95
33) 4-Chloroaniline	8.13	127	88572	11.66	ng	97
34) Hexachlorobutadiene	8.17	225	115079	29.28	ng	97
35) Caprolactam	8.50	113	43907	27.65	ng	89
36) 4-Chloro-3-methylphenol	8.62	107	184895	34.56	ng	99
37) 2-Methylnaphthalene	8.75	142	409922	32.31	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	216007	32.82	ng	98
40) Hexachlorocyclopentadiene	8.90	237	126685	42.40	ng	98

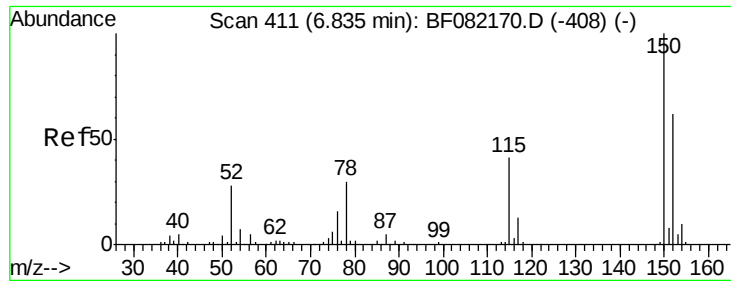
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	129517	29.63	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	139461	29.45	nq	96
45) 1,1'-Biphenyl	9.22	154	516427	30.61	nq	98
46) 2-Chloronaphthalene	9.25	162	398675	30.02	nq	# 93
47) 2-Nitroaniline	9.36	65	118803	32.58	nq	# 61
48) Acenaphthylene	9.67	152	659129	31.86	nq	98
49) Dimethylphthalate	9.53	163	490642	31.49	nq	100
50) 2,6-Dinitrotoluene	9.60	165	115029	34.99	nq	98
51) Acenaphthene	9.84	154	378417	30.47	nq	99
52) 3-Nitroaniline	9.77	138	50451	13.59	nq	96
53) 2,4-Dinitrophenol	9.89	184	95696	54.32	nq	# 88
54) Dibenzofuran	10.01	168	593010	34.77	nq	96
55) 4-Nitrophenol	9.95	139	115250	52.15	nq	96
56) 2,4-Dinitrotoluene	10.00	165	137855	33.55	nq	# 76
57) Fluorene	10.35	166	480962	34.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	116083	30.00	nq	98
59) Diethylphthalate	10.23	149	470013	32.36	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	224094	34.93	nq	94
61) 4-Nitroaniline	10.39	138	109342	30.36	nq	99
62) Azobenzene	10.50	77	476877	33.55	nq	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	75947	31.07	nq	# 65
65) n-Nitrosodiphenylamine	10.47	169	425474	32.63	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	141919	32.56	nq	# 91
67) Hexachlorobenzene	10.89	284	137923	29.26	nq	# 66
68) Atrazine	10.99	200	132823	32.15	nq	99
69) Pentachlorophenol	11.10	266	131507	54.22	nq	97
70) Phenanthrene	11.31	178	737753	34.56	nq	100
71) Anthracene	11.36	178	700919	31.86	nq	99
72) Carbazole	11.53	167	630171	31.40	nq	97
73) Di-n-butylphthalate	11.85	149	794771	32.11	nq	100
74) Fluoranthene	12.50	202	783899	34.19	nq	99
76) Benzidine	12.63	184	183276	16.59	nq	98
77) Pyrene	12.73	202	786054	34.75	nq	99
79) Butylbenzylphthalate	13.35	149	337011	32.64	nq	94
80) Benzo(a)anthracene	13.93	228	641601	32.35	nq	100
81) 3,3'-Dichlorobenzidine	13.90	252	145659	19.35	nq	98
82) Chrysene	13.97	228	582678	27.88	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	487979	33.13	nq	# 98
84) Di-n-octyl phthalate	14.56	149	834286	32.98	nq	98
85) Indeno(1,2,3-cd)pyrene	16.79	276	506865	30.51	nq	98
87) Benzo(b)fluoranthene	15.03	252	1171461	60.77	nq	# 97
88) Benzo(k)fluoranthene	15.03	252	1171890	72.32	nq	99
89) Benzo(a)pyrene	15.35	252	538587	32.51	nq	# 96
90) Dibenzo(a,h)anthracene	16.80	278	432653	31.87	nq	97
91) Benzo(g,h,i)perylene	17.20	276	413613	31.36	nq	99

(#) = 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

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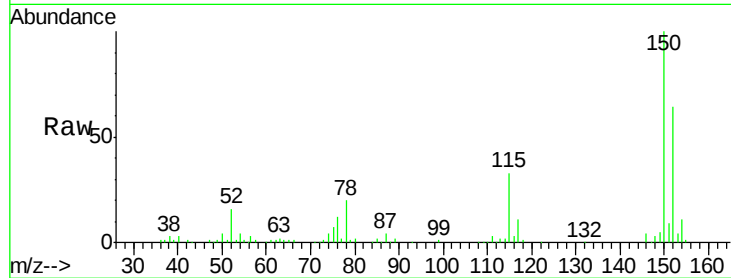
Tot Ion:152 Resp: 106096

Ion Ratio Lower Upper

152 100

150 156.2 129.0 193.4

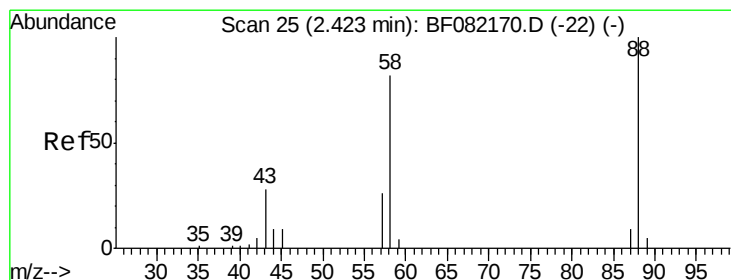
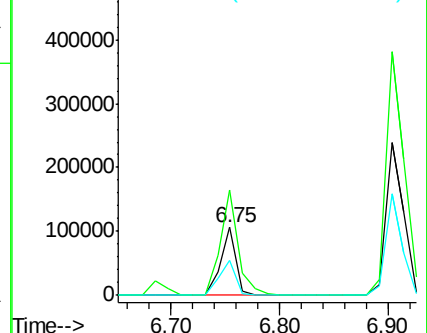
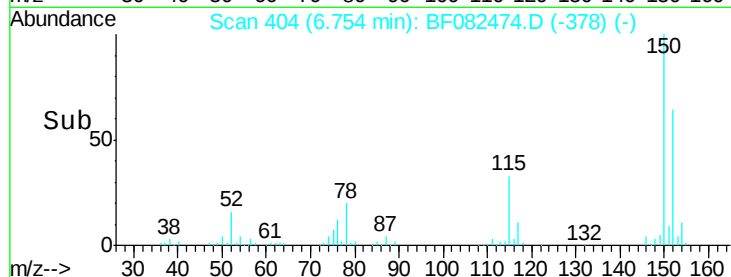
115 52.3 52.1 78.1



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: 25.75 ng

RT: 2.35 min Scan# 19

Delta R.T. 0.09 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

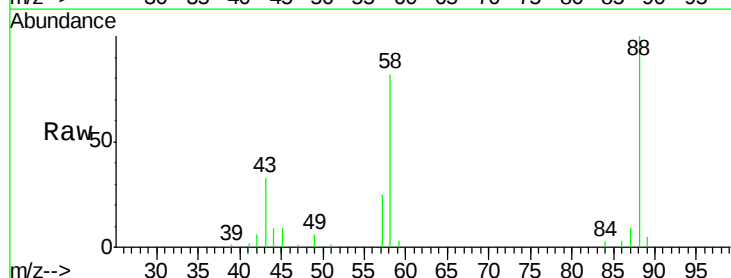
Tgt Ion: 88 Resp: 68015

Ion Ratio Lower Upper

88 100

58 86.6 66.2 99.4

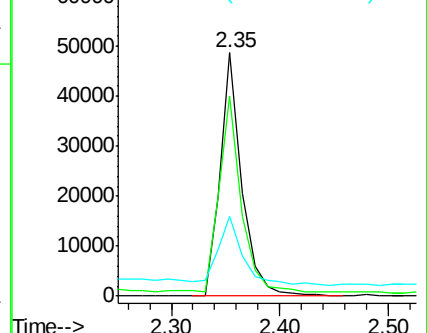
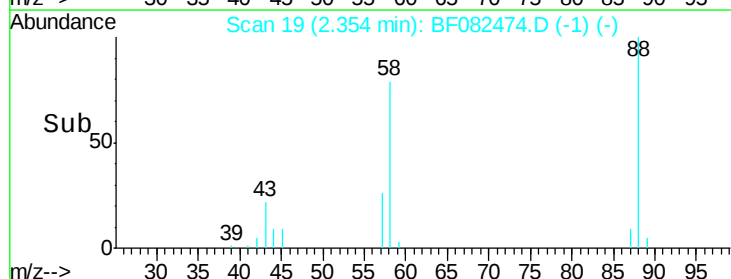
43 32.1 23.0 34.4

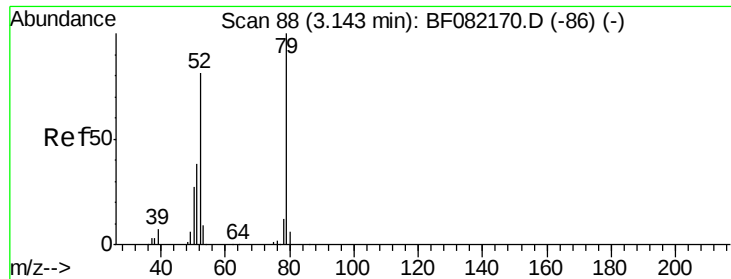


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.01 ng

RT: 3.04 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

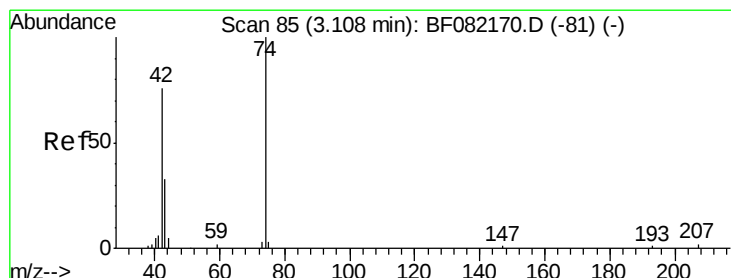
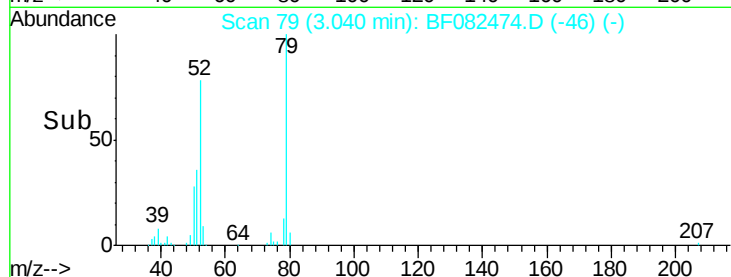
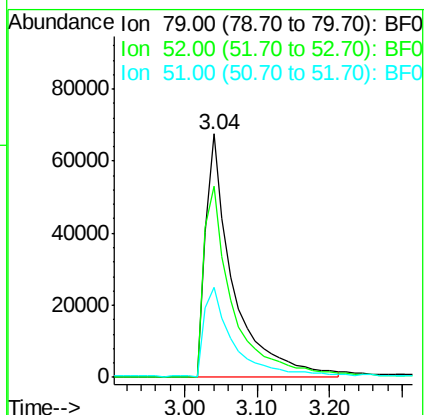
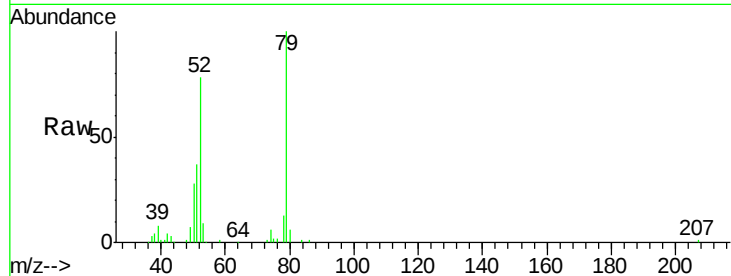
Tot Ion: 79 Resp: 178195

Ion Ratio Lower Upper

79 100

52 78.3 64.4 96.6

51 37.2 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 28.44 ng

RT: 3.01 min Scan# 76

Delta R.T. 0.07 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

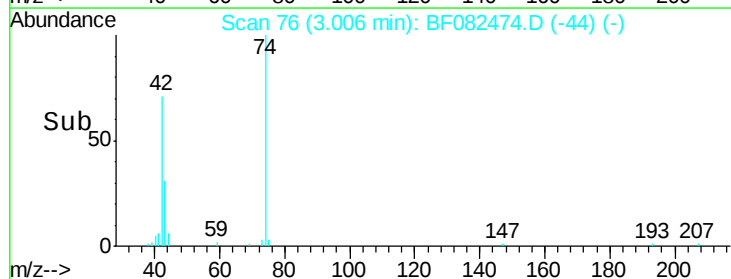
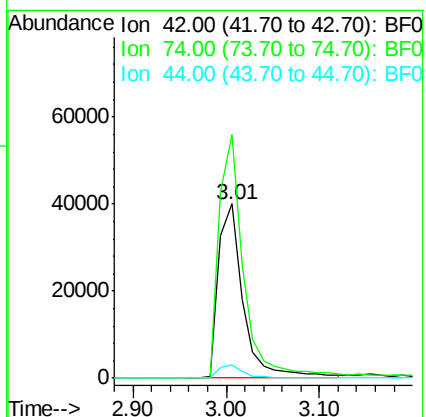
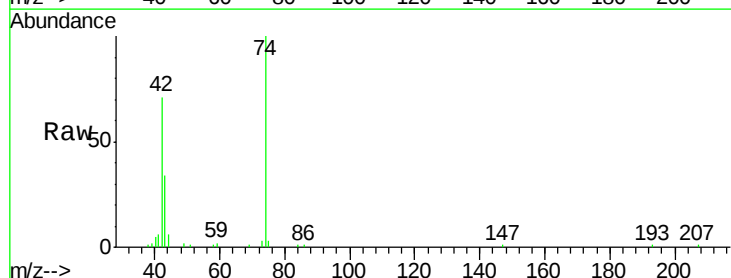
Tgt Ion: 42 Resp: 74103

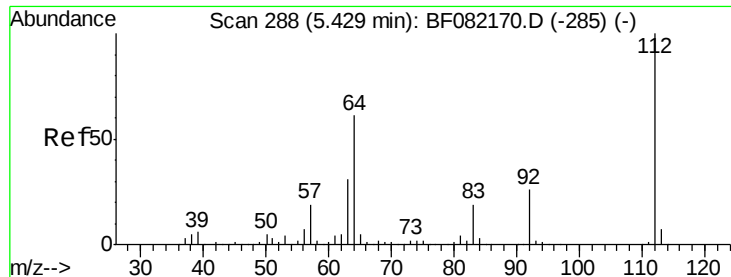
Ion Ratio Lower Upper

42 100

74 140.0 105.7 158.5

44 7.9 5.4 8.2





#5

2-Fluorophenol

Concen: 109.31 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

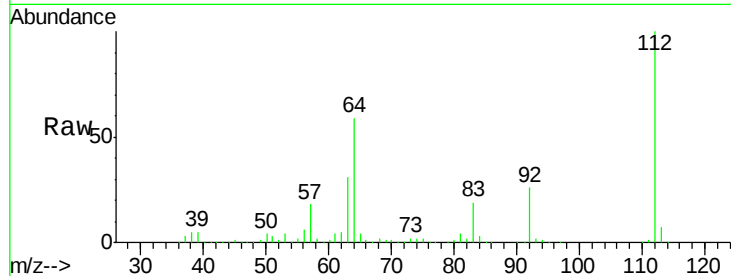
Tot Ion:112 Resp: 574618

Ion Ratio Lower Upper

112 100

64 58.8 48.6 73.0

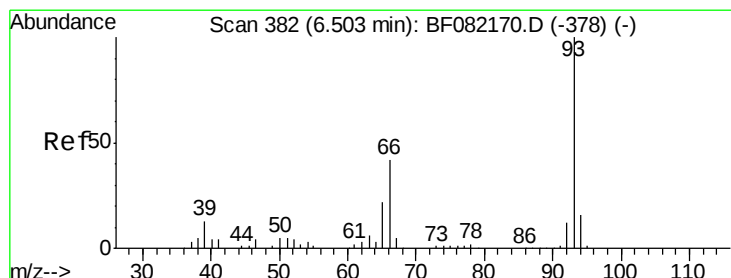
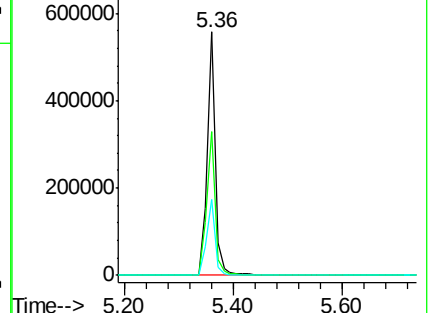
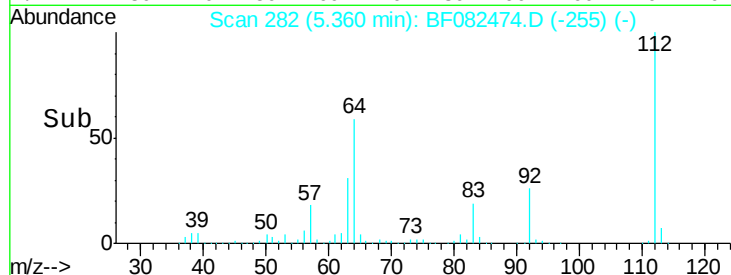
63 31.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.33 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

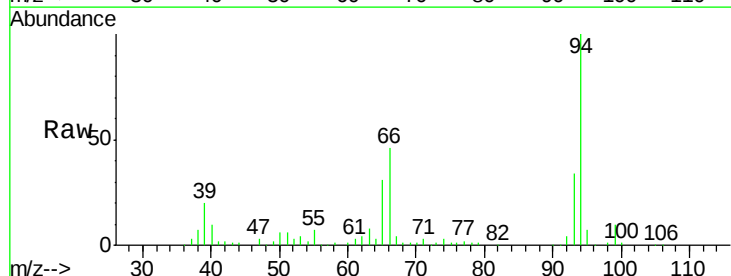
Tgt Ion: 93 Resp: 135179

Ion Ratio Lower Upper

93 100

66 136.7 34.2 51.2#

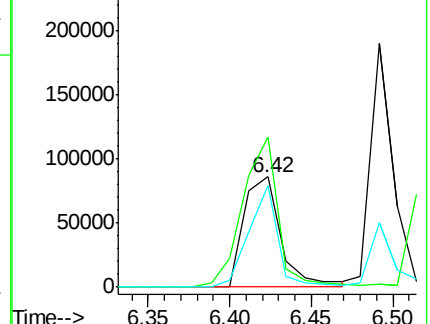
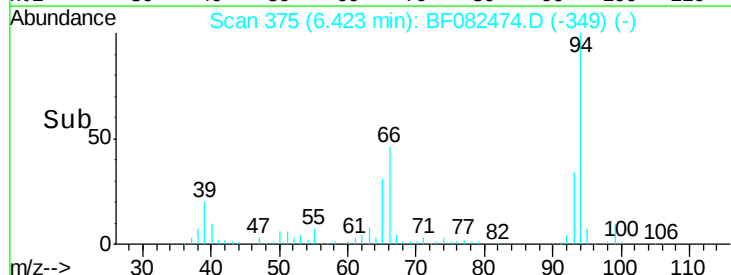
65 92.9 17.9 26.9#



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: 107.78 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

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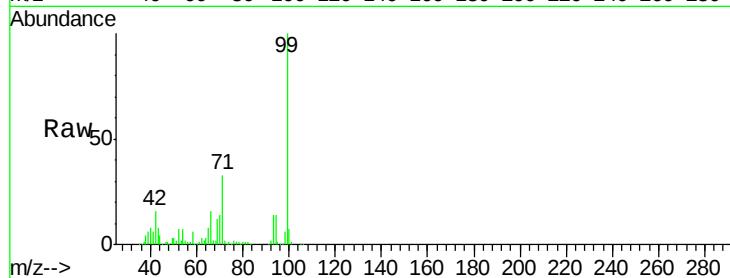
Tot Ion: 99 Resp: 737337

Ion Ratio Lower Upper

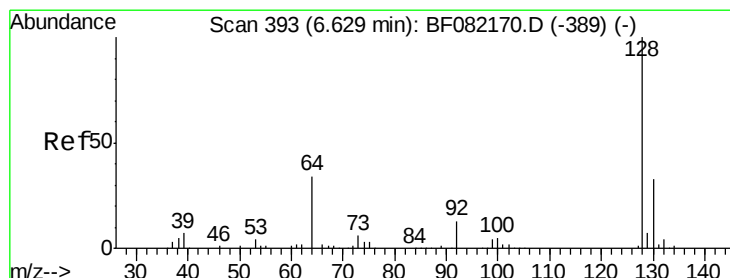
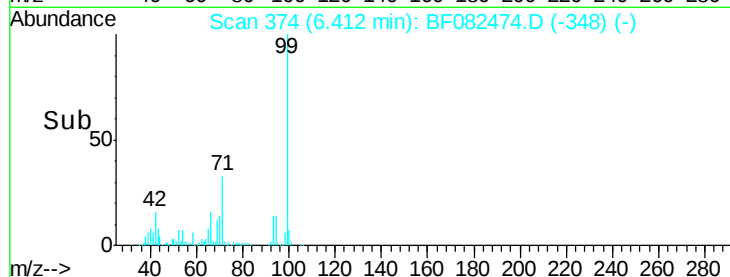
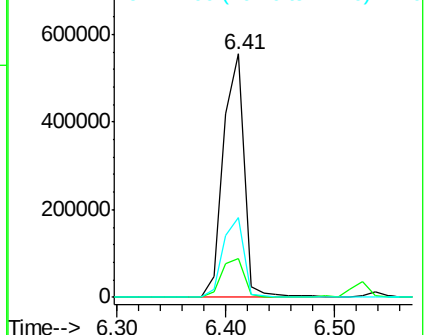
99 100

42 15.8 13.2 19.8

71 32.7 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



#8

2-Chlorophenol

Concen: 32.48 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

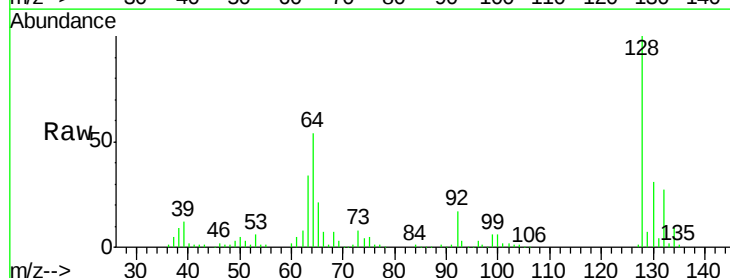
Tgt Ion: 128 Resp: 208458

Ion Ratio Lower Upper

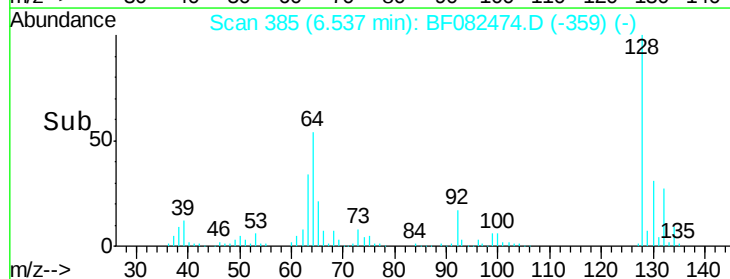
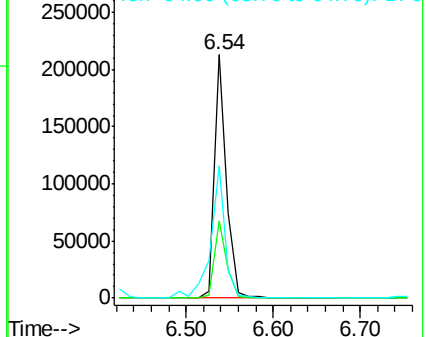
128 100

130 31.5 12.6 52.6

64 54.1 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





#9

Benzaldehyde

Concen: 24.40 ng

RT: 6.30 min Scan# 364

Delta R.T. 0.00 min

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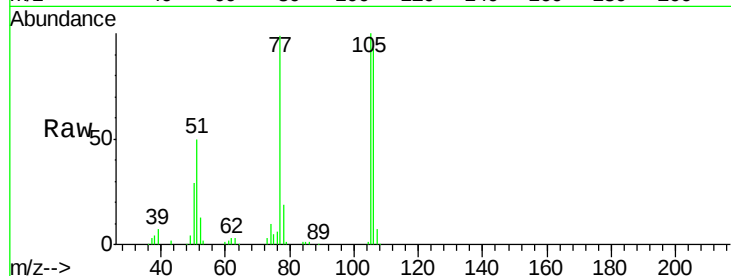
Tot Ion: 77 Resp: 85226

Ion Ratio Lower Upper

77 100

105 100.5 80.6 120.6

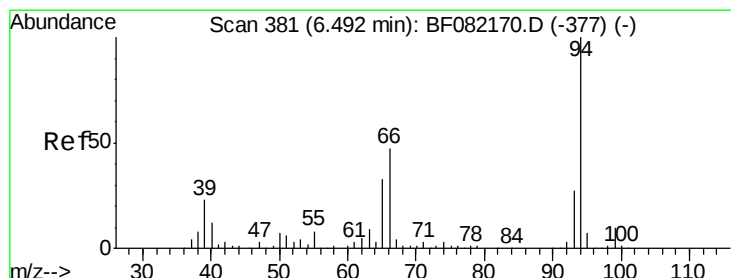
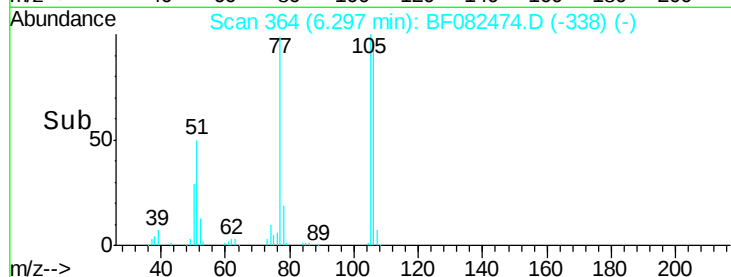
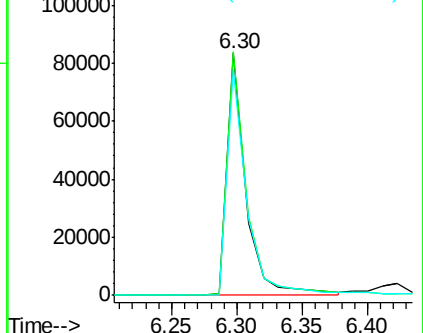
106 93.3 75.5 115.5



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: 32.17 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

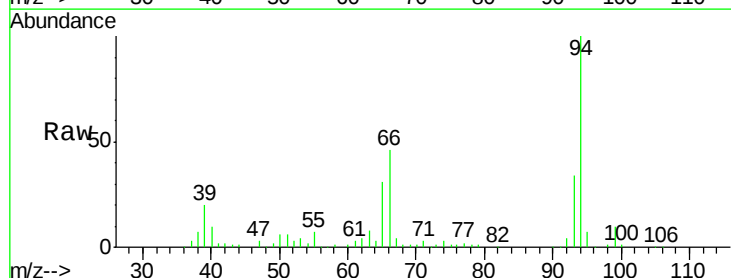
Tgt Ion: 94 Resp: 253719

Ion Ratio Lower Upper

94 100

65 31.4 12.6 52.6

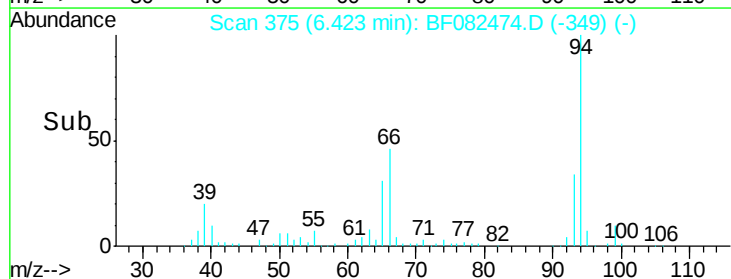
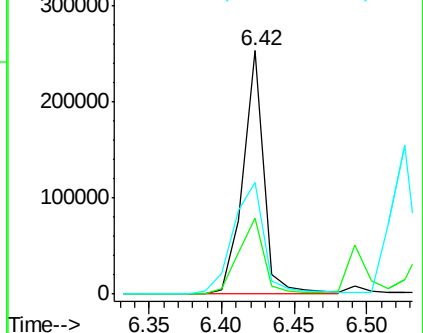
66 46.2 27.3 67.3

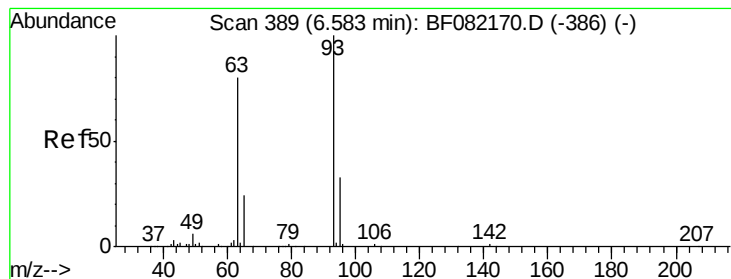


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

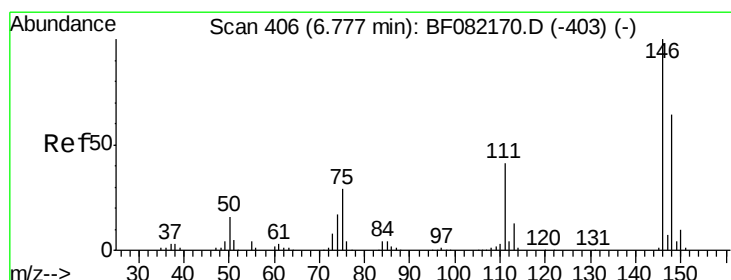
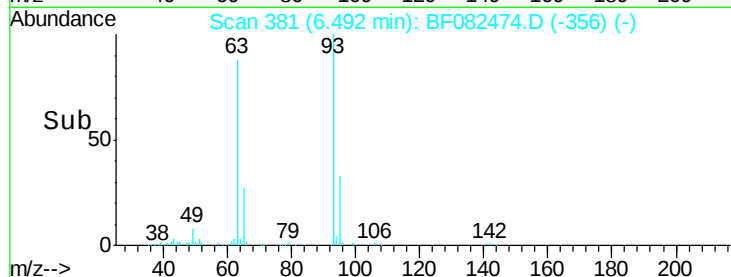
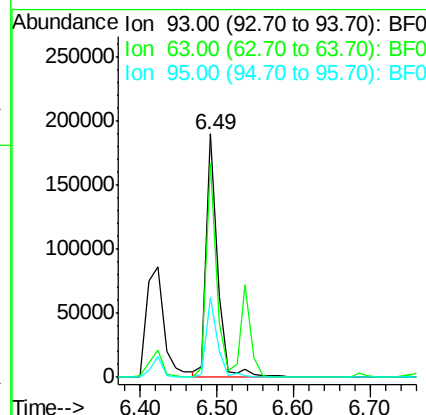
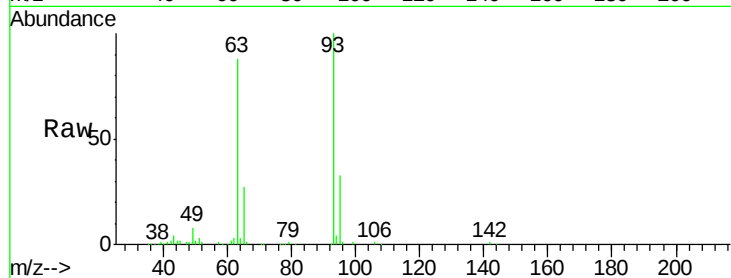




#11
bis(2-Chloroethyl)ether
Concen: 28.71 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

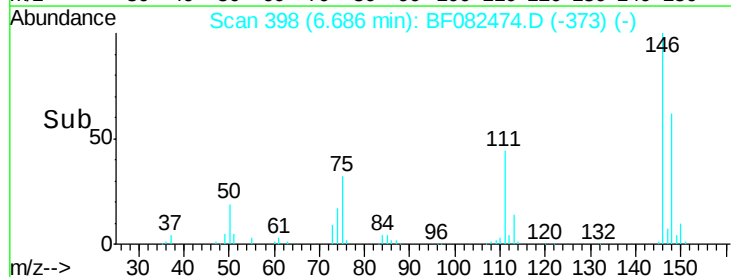
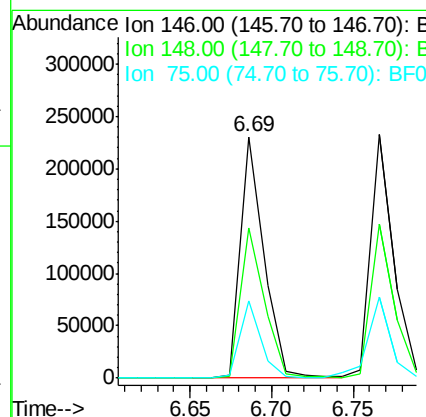
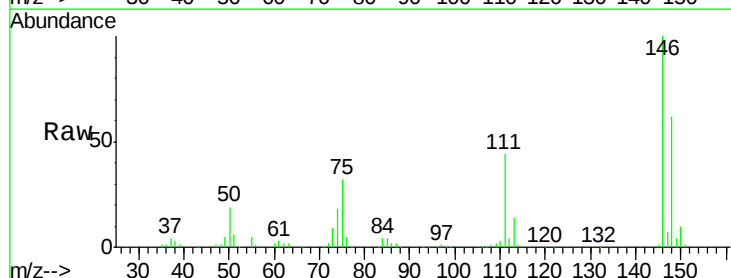
Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	57.1	97.1
95	32.8	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 30.77 ng
RT: 6.69 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.2
75	31.8	23.0	34.6

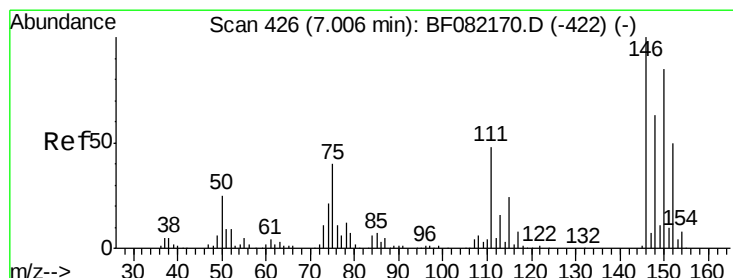
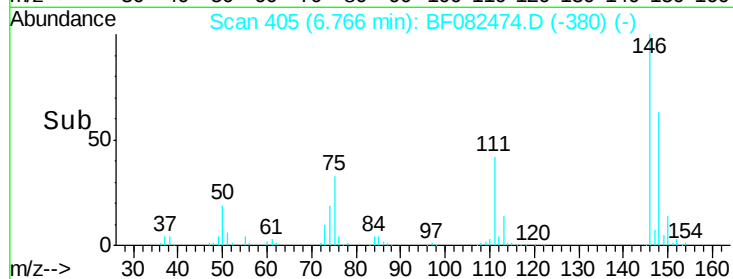
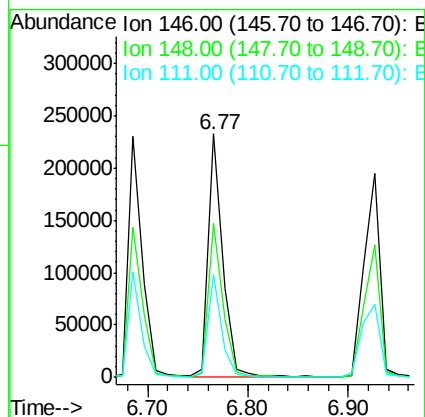
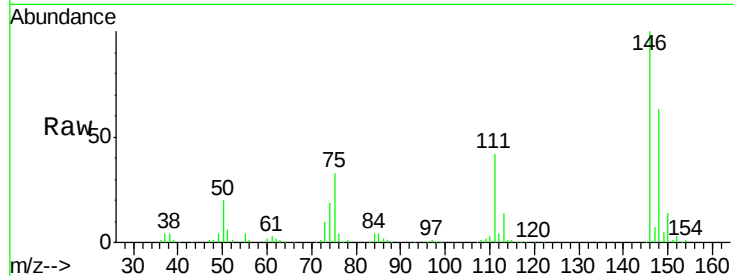




#13
 1,4-Dichlorobenzene
 Concen: 30.19 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

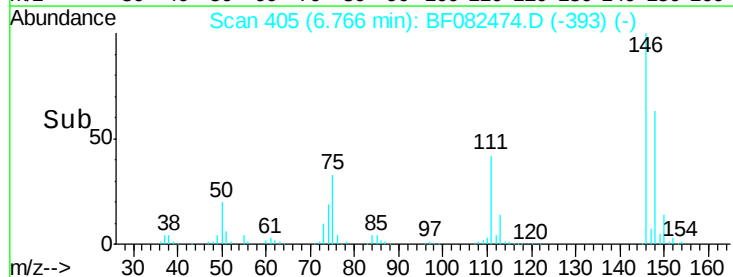
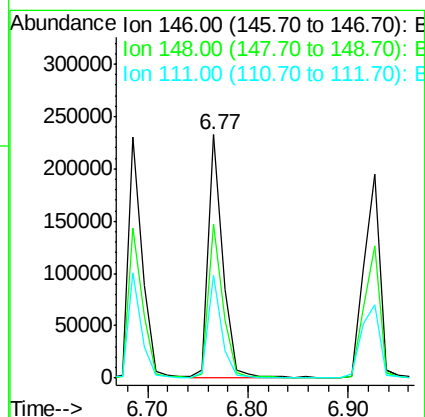
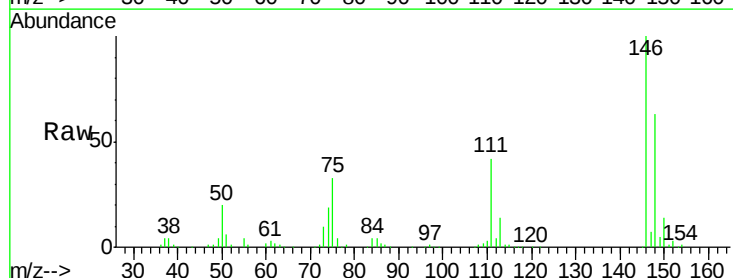
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

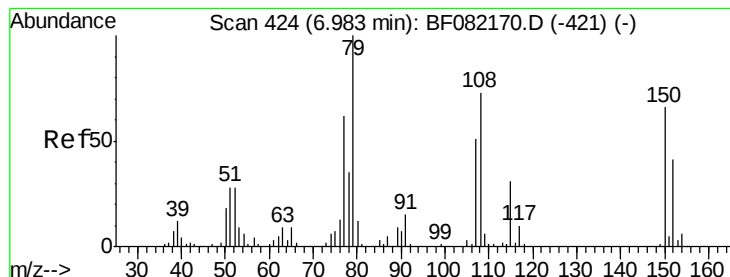
Tot Ion:146 Resp: 235605
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 111 42.5 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 31.99 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.16 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion:146 Resp: 237062
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.5 75.7
 111 42.5 38.5 57.7





#15

Benzyl Alcohol

Concen: 33.45 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleID :

PB86203BS

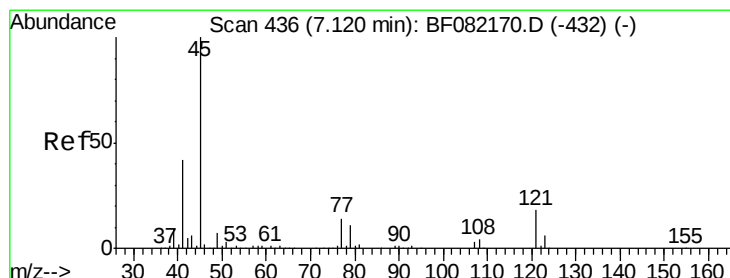
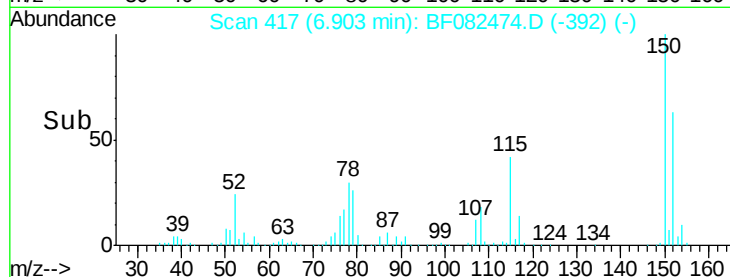
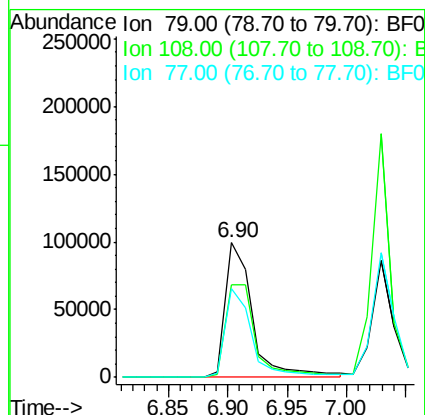
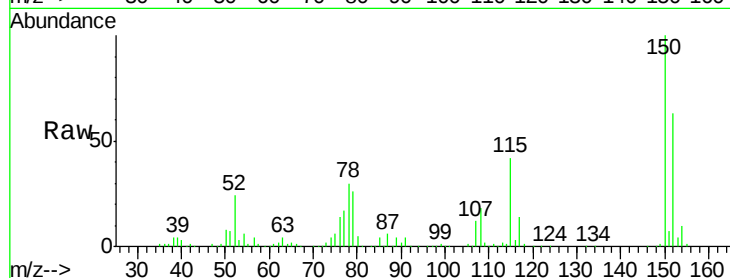
Tot Ion: 79 Resp: 157961

Ion Ratio Lower Upper

79 100

108 68.9 58.4 87.6

77 66.2 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.61 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

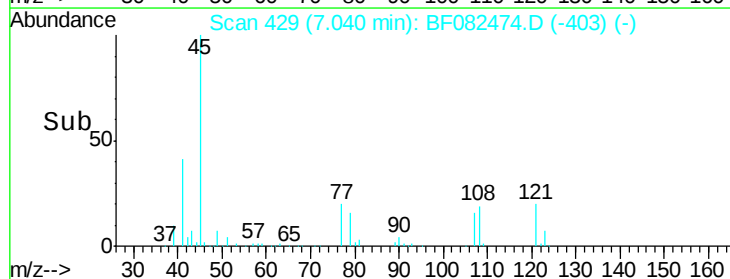
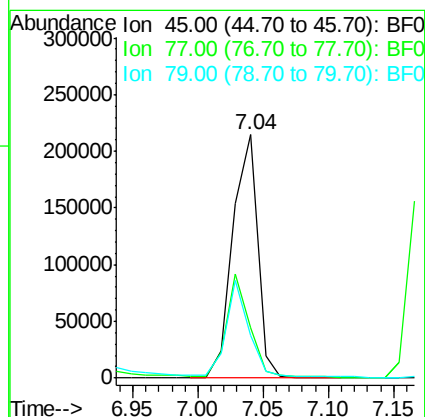
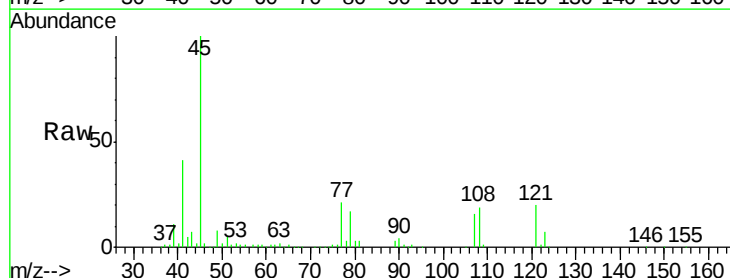
Tgt Ion: 45 Resp: 284277

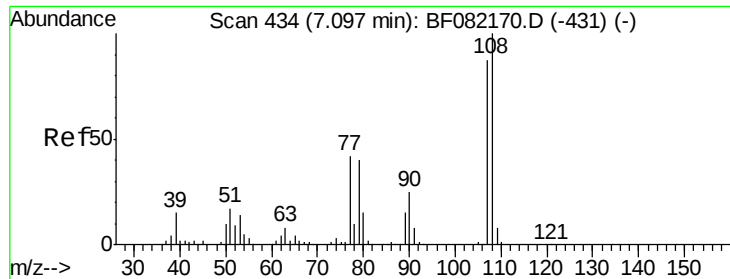
Ion Ratio Lower Upper

45 100

77 20.8 0.0 34.5

79 17.3 0.0 31.6

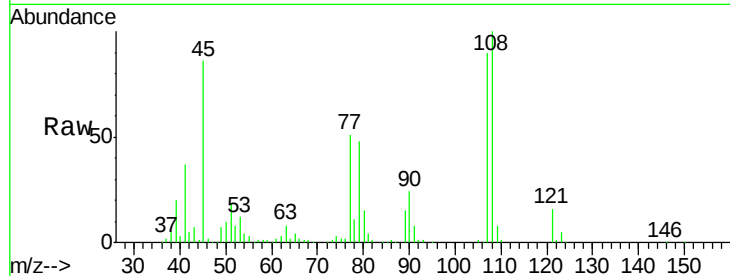




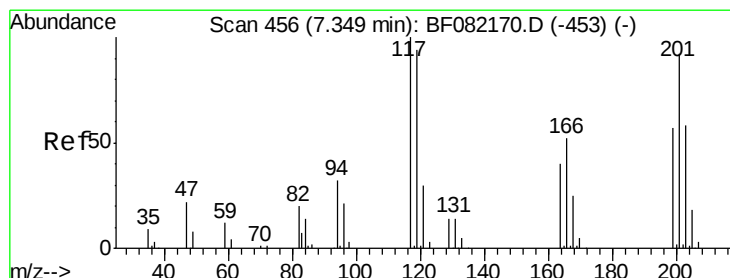
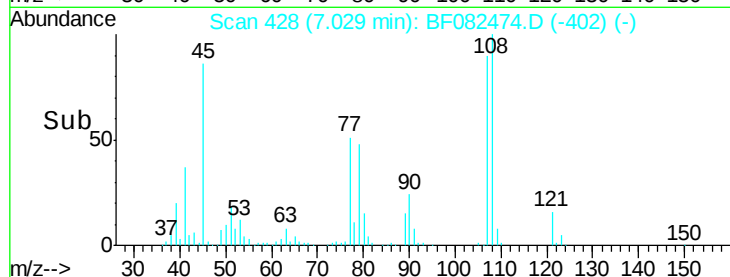
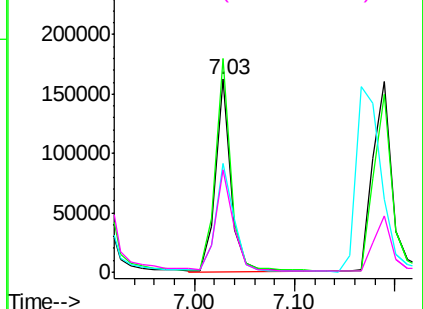
#17
2-Methylphenol
Concen: 33.94 ng
RT: 7.03 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:107 Resp: 172254
Ion Ratio Lower Upper
107 100
108 110.8 92.2 138.2
77 56.7 39.6 59.4
79 53.4 38.2 57.4

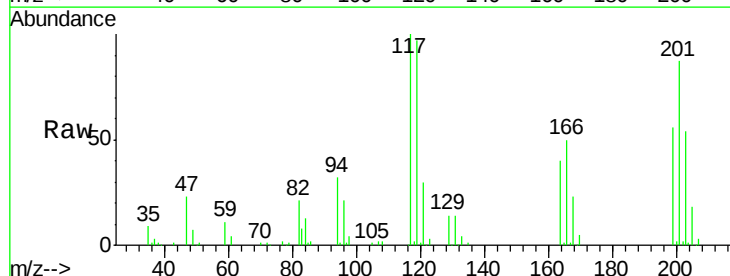


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

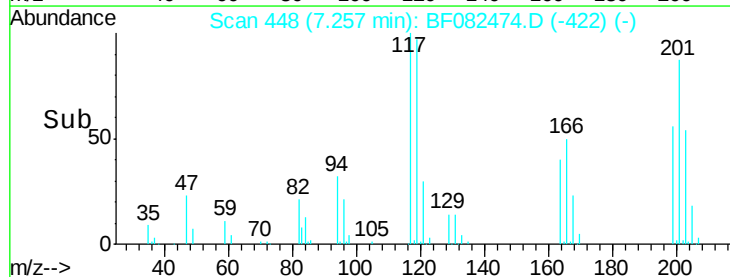
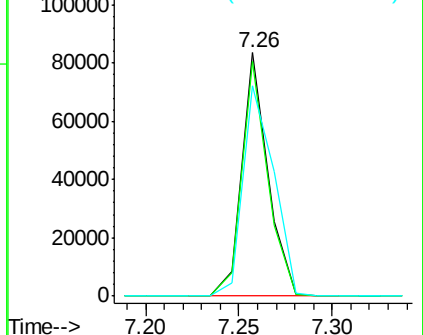


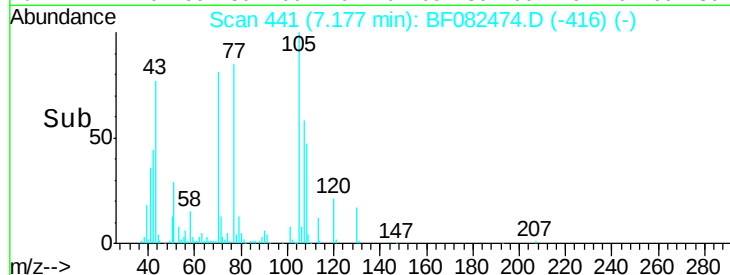
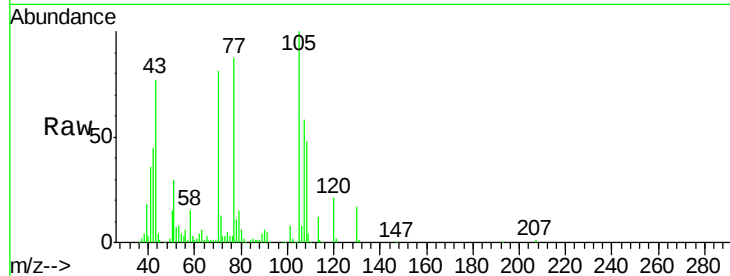
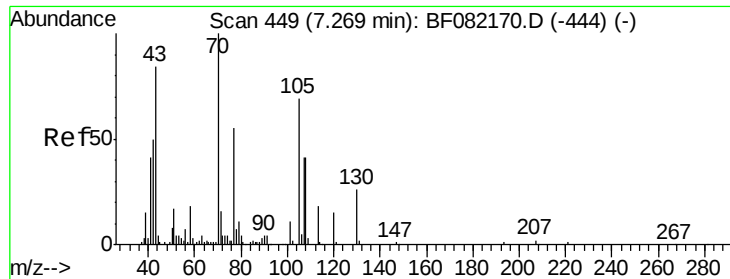
#18
Hexachloroethane
Concen: 30.35 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion:117 Resp: 81079
Ion Ratio Lower Upper
117 100
119 96.6 75.4 113.2
201 86.6 73.4 110.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

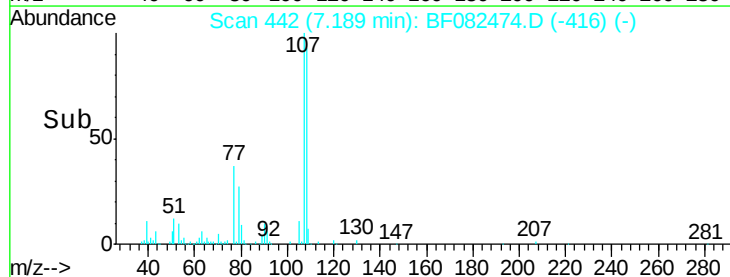
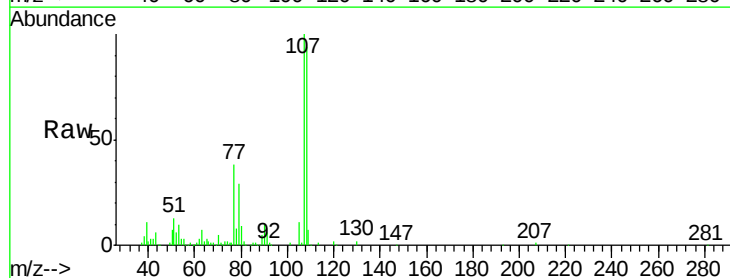
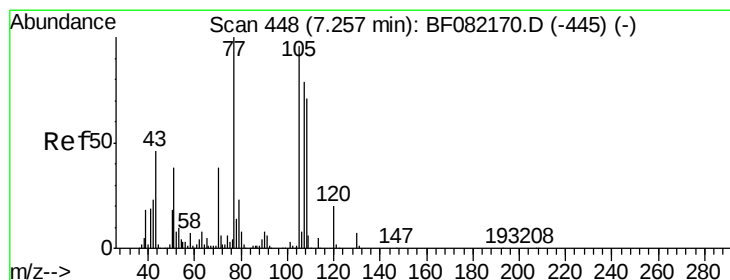
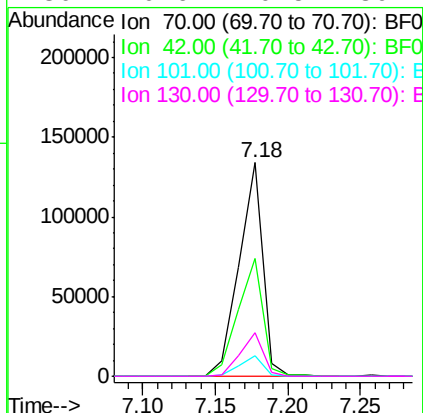




#19
n-Nitroso-di-n-propylamine
Concen: 31.66 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

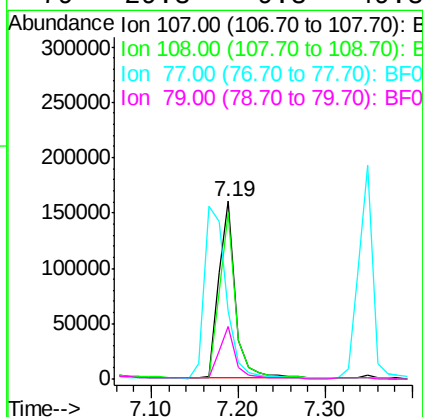
Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:	70	Resp:	152109
Ion	Ratio	Lower	Upper
70	100		
42	55.1	39.8	59.8
101	9.7	8.6	13.0
130	20.6	20.5	30.7



#20
3+4-Methylphenols
Concen: 35.79 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion:	107	Resp:	216404
Ion	Ratio	Lower	Upper
107	100		
108	93.5	69.9	109.9
77	38.4	106.0	146.0#
79	29.3	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: BF082474.D

Acq: 23 Oct 2015 19:26

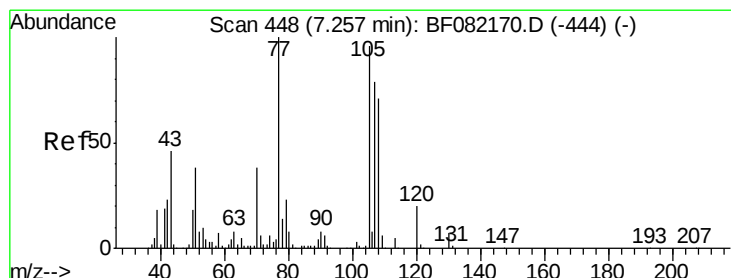
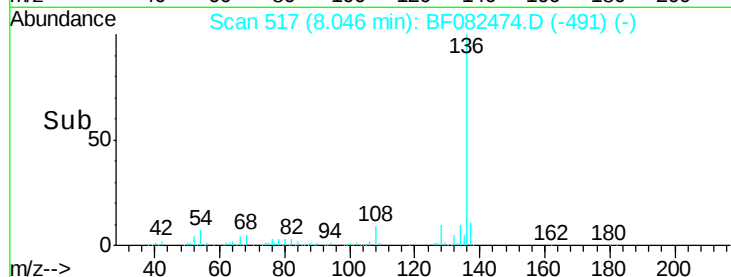
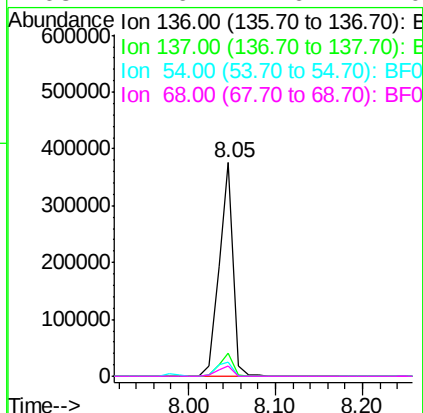
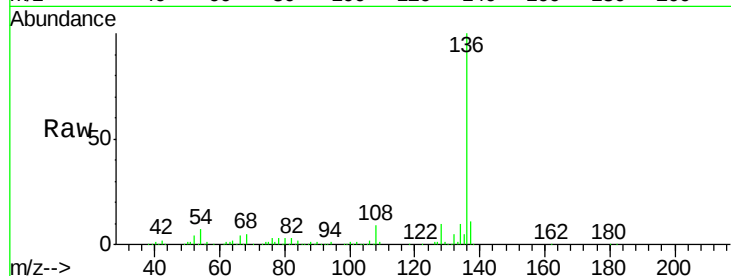
Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:136	Resp:	422117
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	6.7	7.5 11.3#
68	4.6	4.6 7.0#



#22

Acetophenone

Concen: 34.04 ng

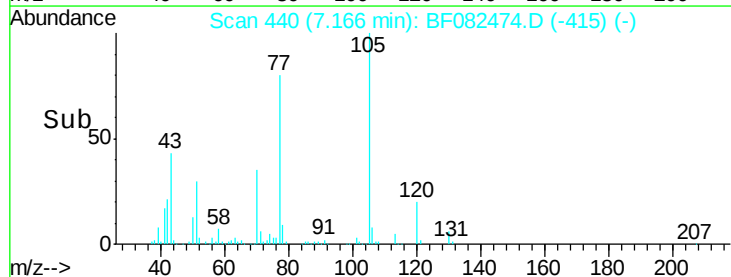
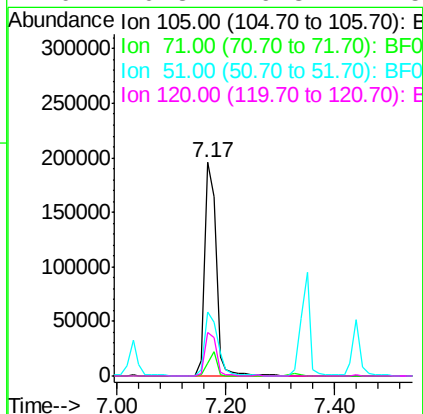
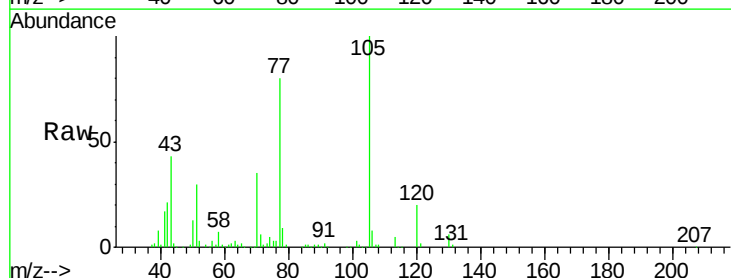
RT: 7.17 min Scan# 440

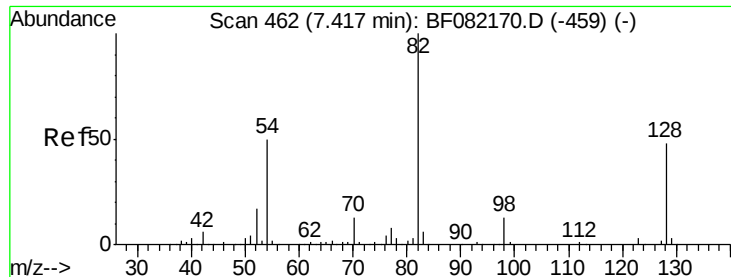
Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Tgt Ion:105	Resp:	284216
Ion Ratio	Lower	Upper
105	100	
71	5.8	5.4 8.0
51	30.2	31.8 47.6#
120	20.3	16.3 24.5

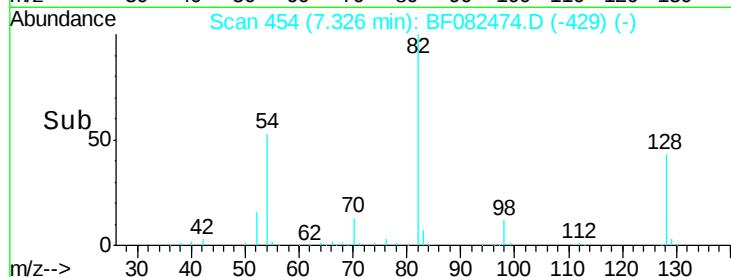
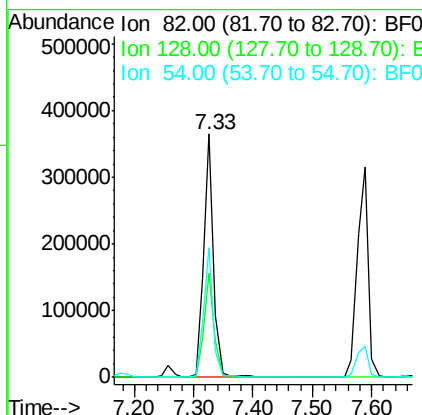
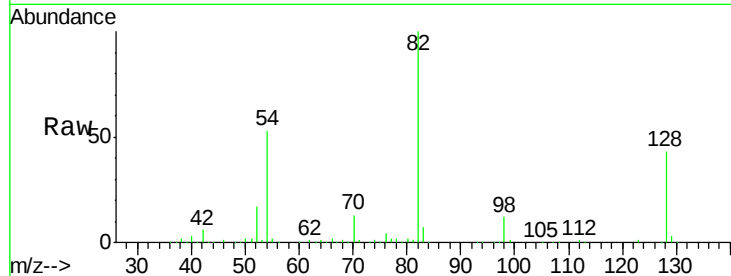




#23
 Nitrobenzene-d5
 Concen: 69.37 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

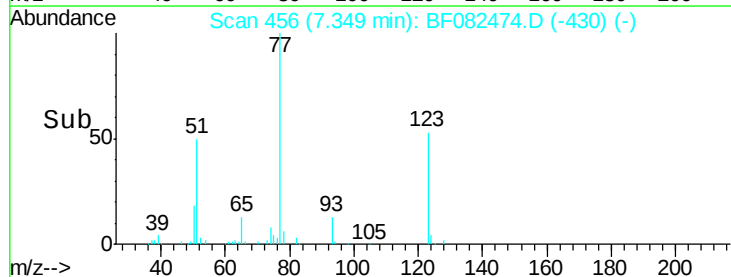
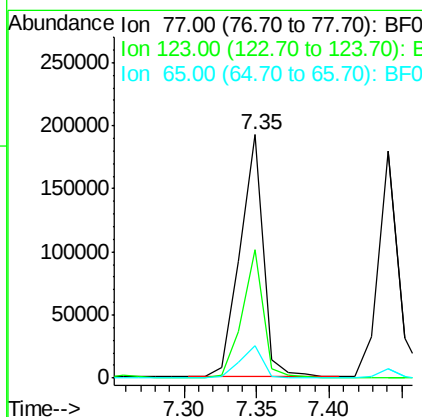
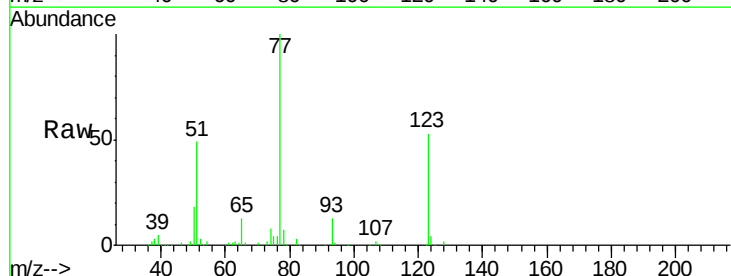
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion: 82 Resp: 436064
 Ion Ratio Lower Upper
 82 100
 128 42.9 38.7 58.1
 54 53.4 40.1 60.1



#24
 Nitrobenzene
 Concen: 31.56 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion: 77 Resp: 214755
 Ion Ratio Lower Upper
 77 100
 123 52.6 33.0 49.4#
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 31.66 ng

RT: 7.59 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

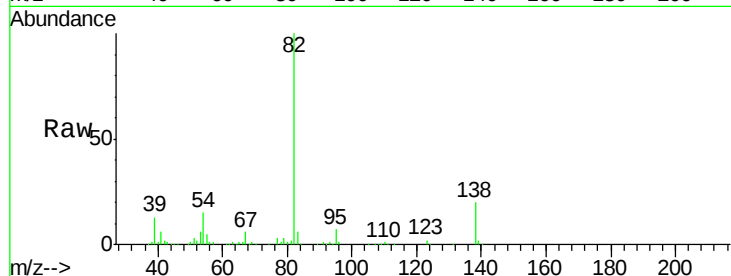
Tot Ion: 82 Resp: 401604

Ion Ratio Lower Upper

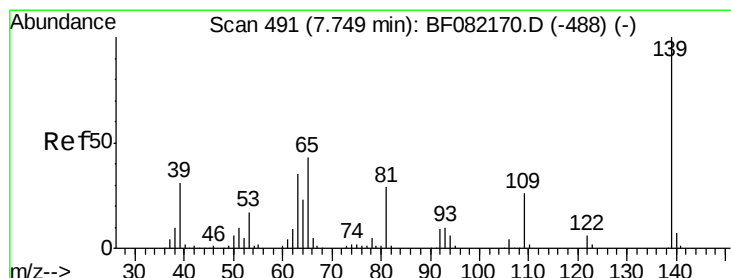
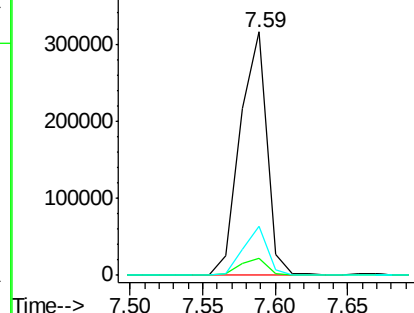
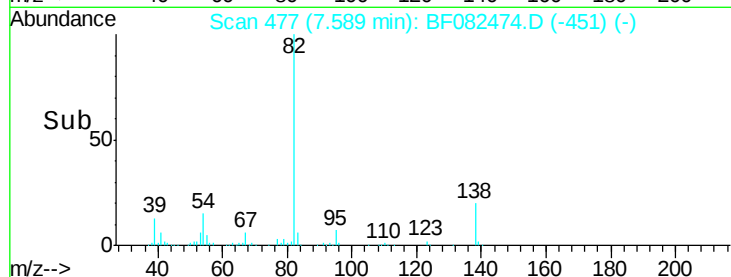
82 100

95 7.1 5.6 8.4

138 20.1 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: 33.28 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

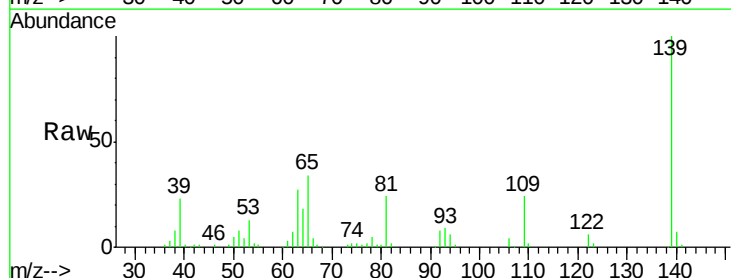
Tgt Ion: 139 Resp: 113072

Ion Ratio Lower Upper

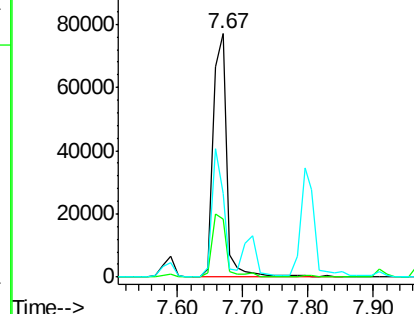
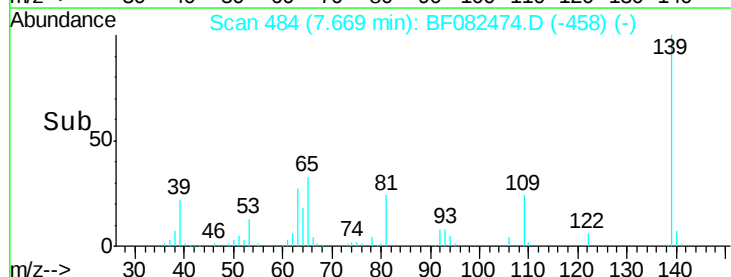
139 100

109 23.7 20.6 31.0

65 34.3 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: 34.85 ng

RT: 7.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

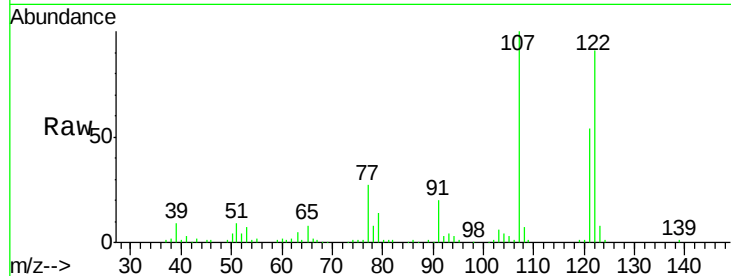
Tot Ion:122 Resp: 190723

Ion Ratio Lower Upper

122 100

107 109.5 94.0 141.0

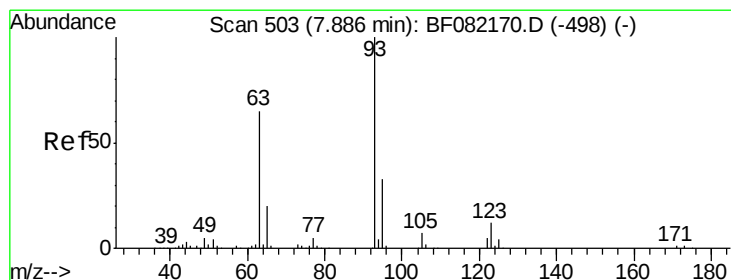
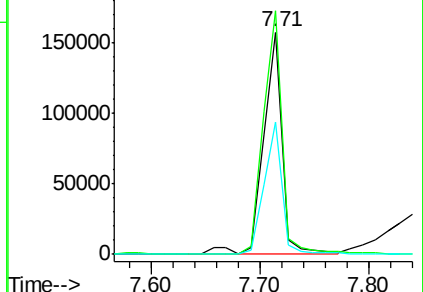
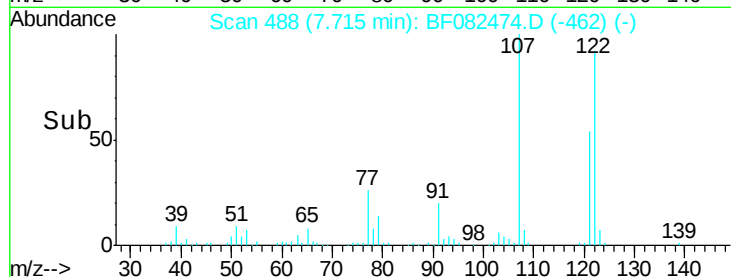
121 59.3 46.8 70.2



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: 32.29 ng

RT: 7.81 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

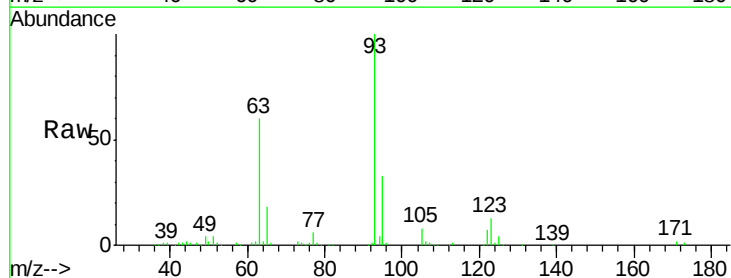
Tgt Ion: 93 Resp: 238333

Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

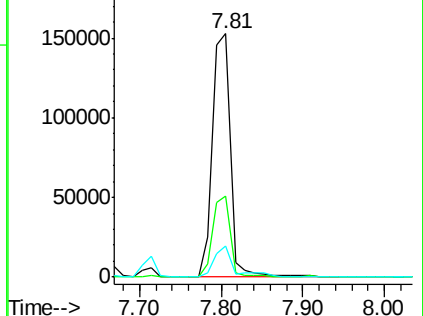
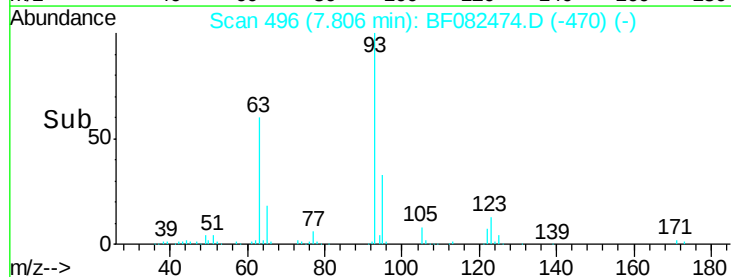
123 12.6 9.5 14.3

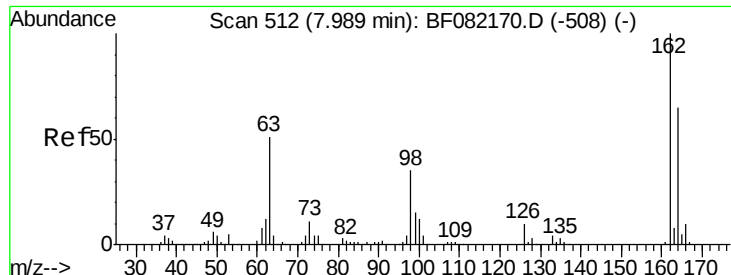


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

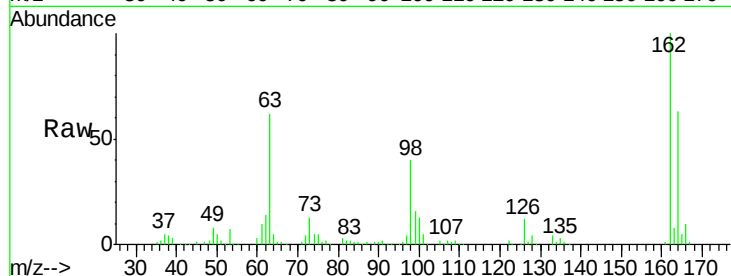




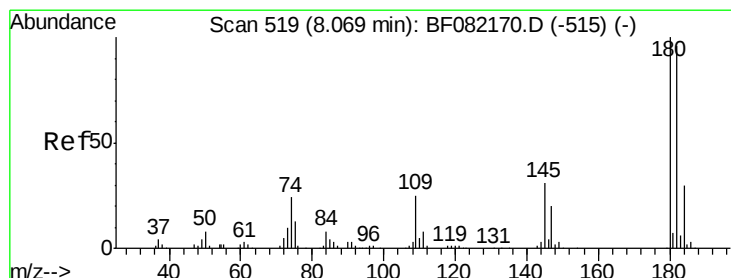
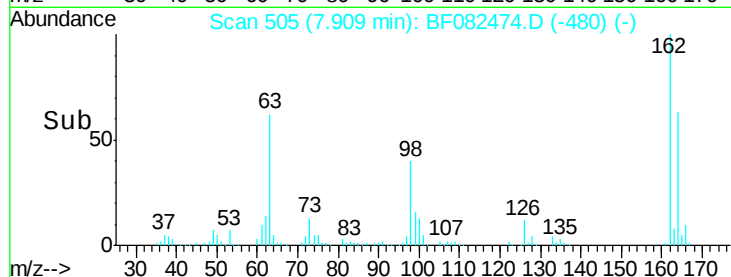
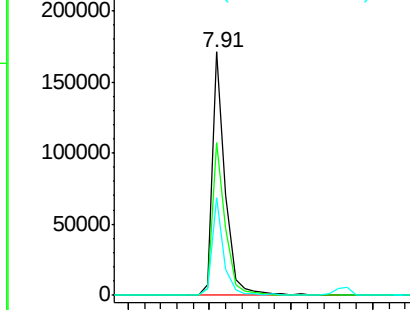
#29
 2,4-Dichlorophenol
 Concen: 34.64 ng
 RT: 7.91 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:162 Resp: 189515
 Ion Ratio Lower Upper
 162 100
 164 62.8 44.6 84.6
 98 40.1 15.0 55.0

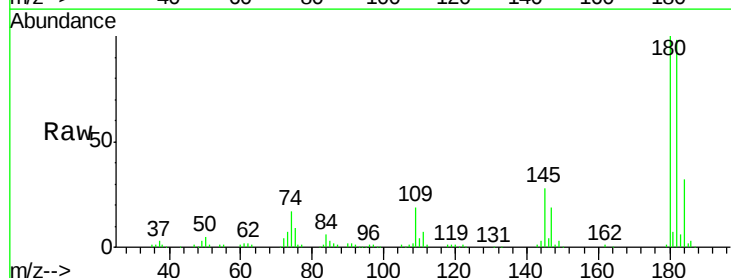


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

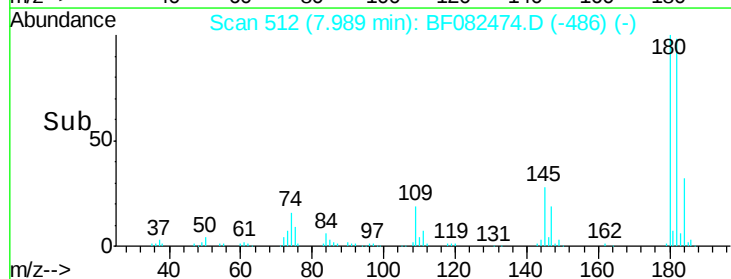
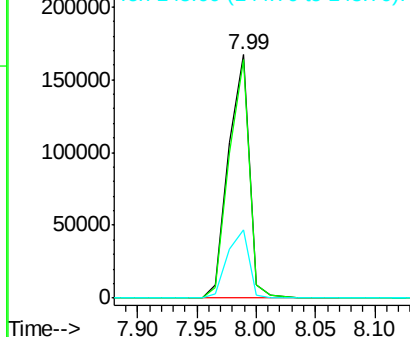


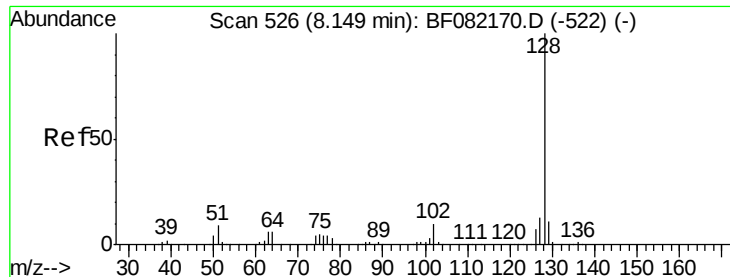
#30
 1,2,4-Trichlorobenzene
 Concen: 32.12 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion:180 Resp: 202589
 Ion Ratio Lower Upper
 180 100
 182 97.7 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

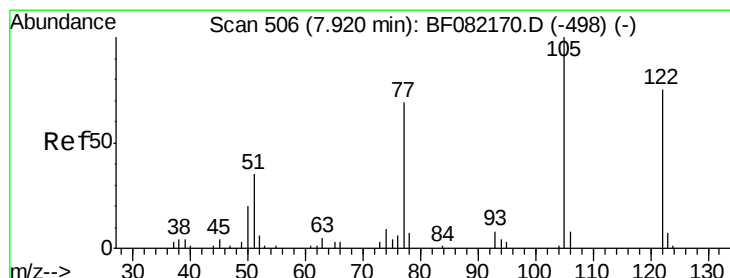
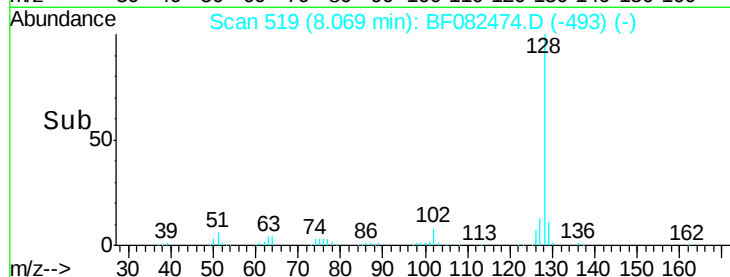
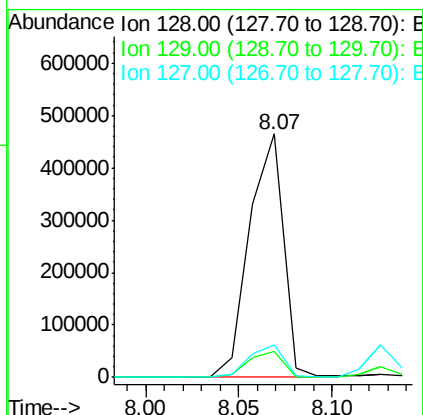
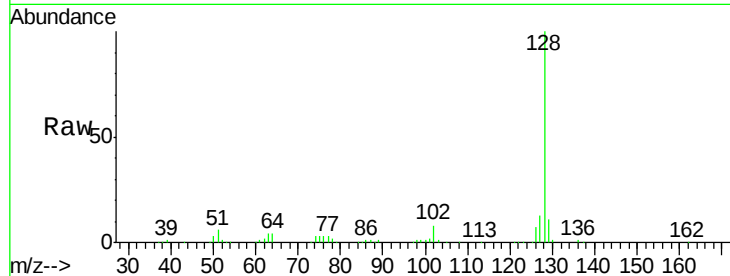




#31
Naphthalene
Concen: 32.15 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

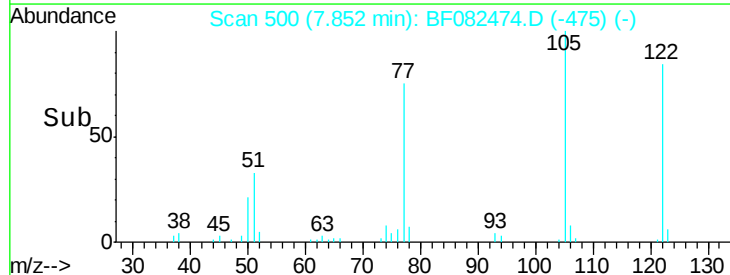
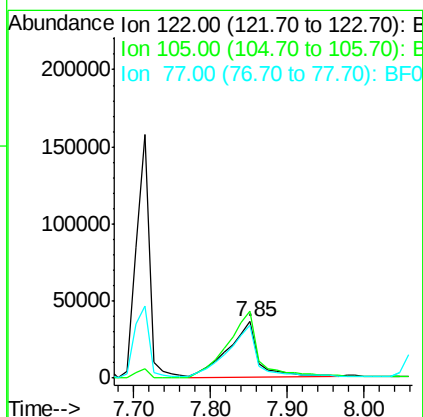
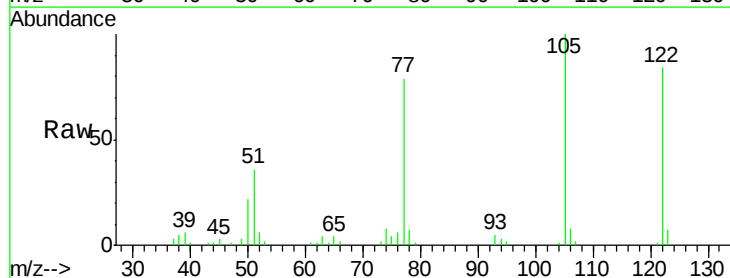
Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:128 Resp: 588196
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 26.64 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion:122 Resp: 97855
Ion Ratio Lower Upper
122 100
105 119.3 104.4 144.4
77 94.1 69.0 109.0

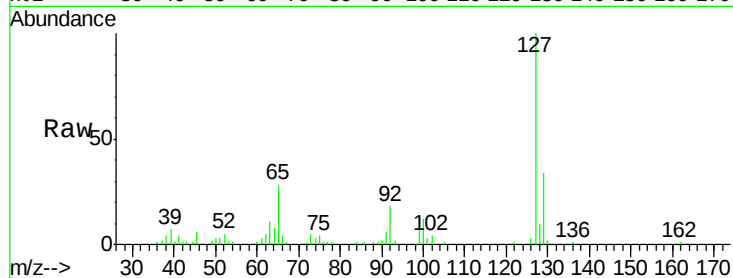




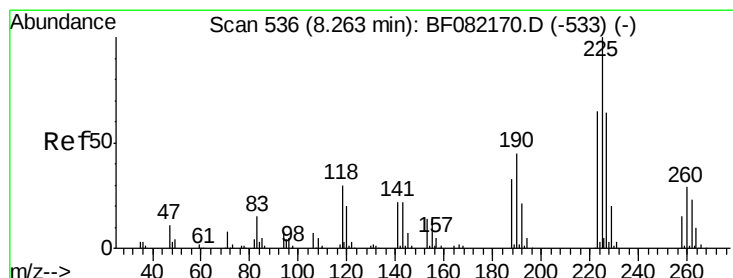
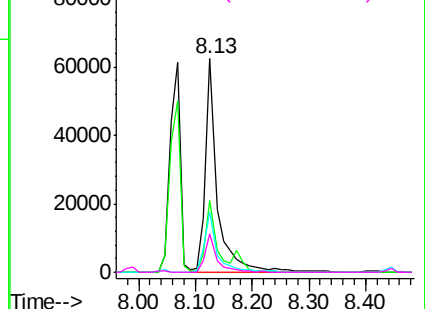
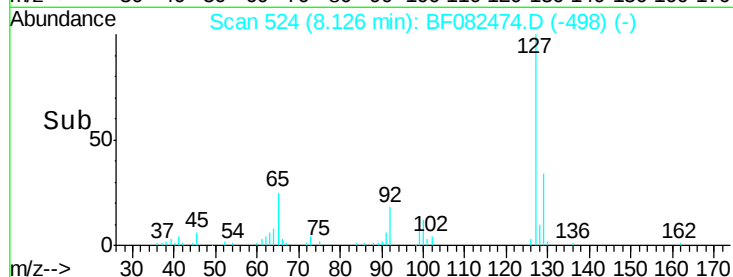
#33
4-Chloroaniline
Concen: 11.66 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:	127	Resp:	88572
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.3	39.5
65	27.9	24.4	36.6
92	18.1	15.7	23.5

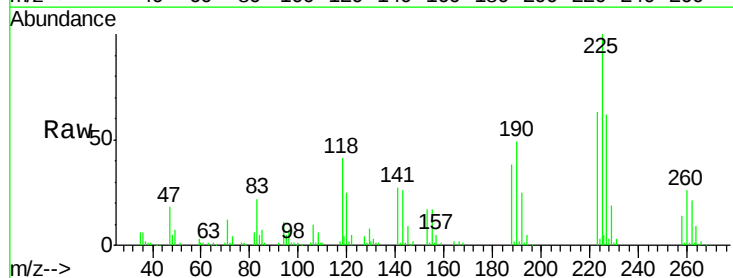


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

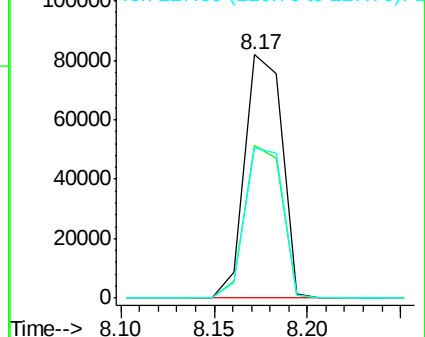
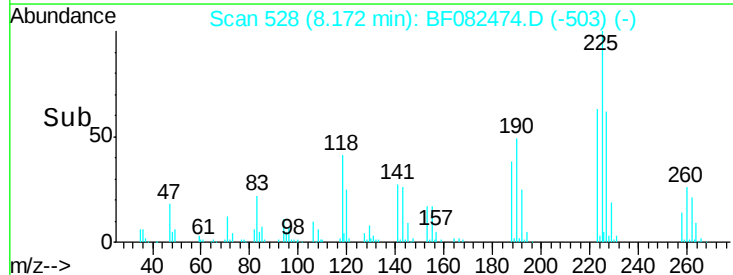


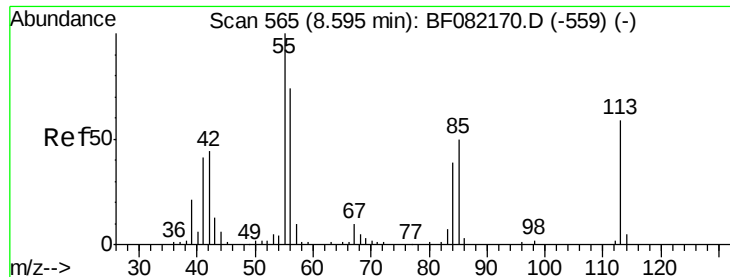
#34
Hexachlorobutadiene
Concen: 29.28 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion:	225	Resp:	115079
Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.2	78.2
227	61.9	51.3	76.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

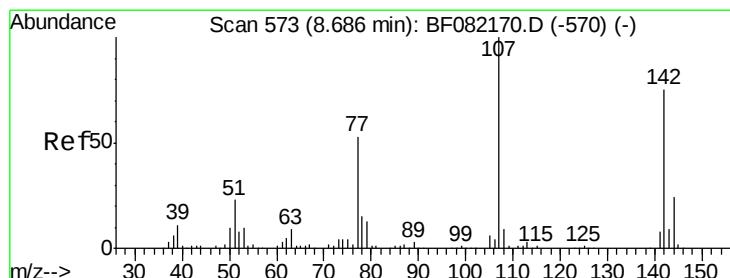
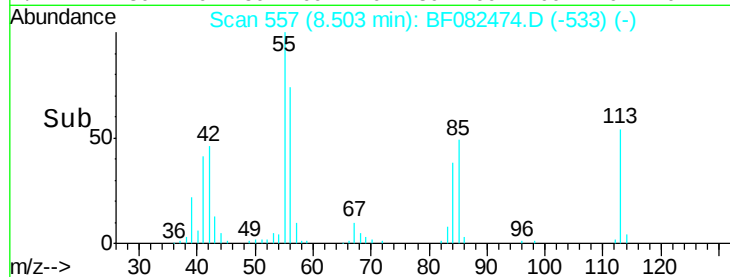
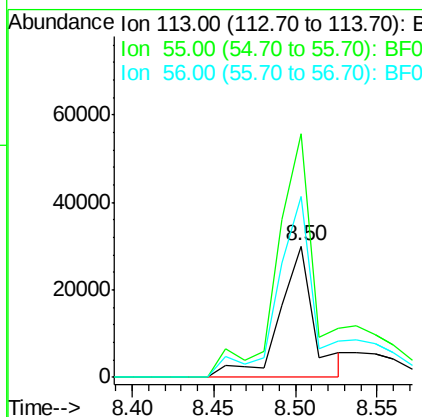
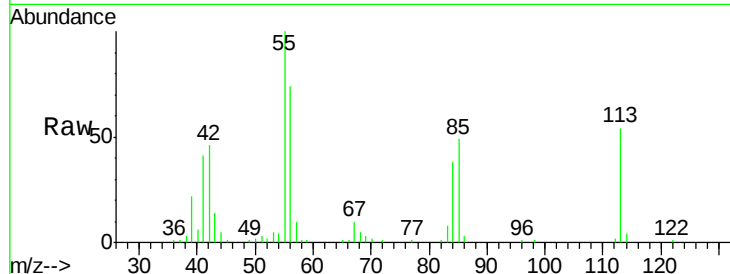




#35
 Caprolactam
 Concen: 27.65 ng
 RT: 8.50 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

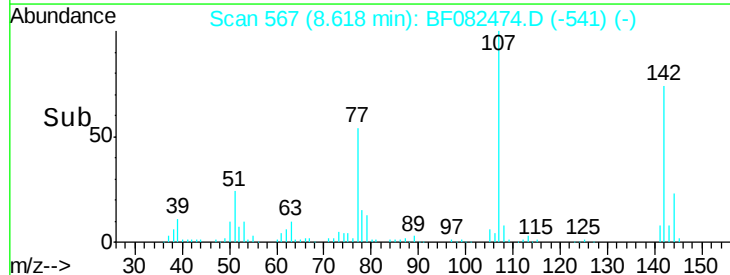
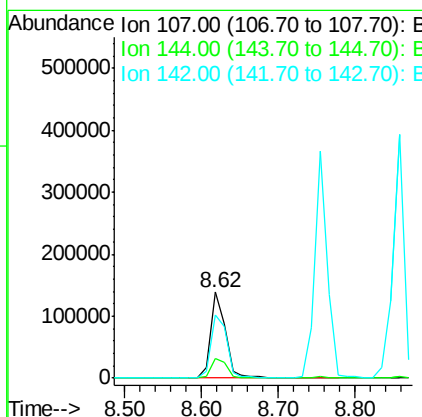
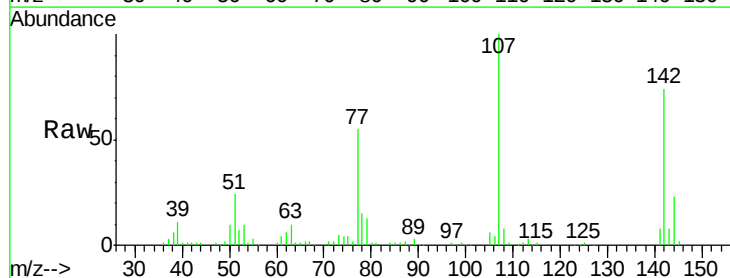
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

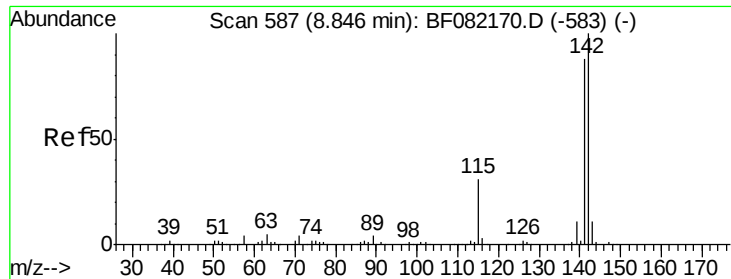
Tot Ion:113 Resp: 43907
 Ion Ratio Lower Upper
 113 100
 55 185.0 149.7 189.7
 56 137.1 105.4 145.4



#36
 4-Chloro-3-methylphenol
 Concen: 34.56 ng
 RT: 8.62 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion:107 Resp: 184895
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.3 28.9
 142 74.1 59.9 89.9

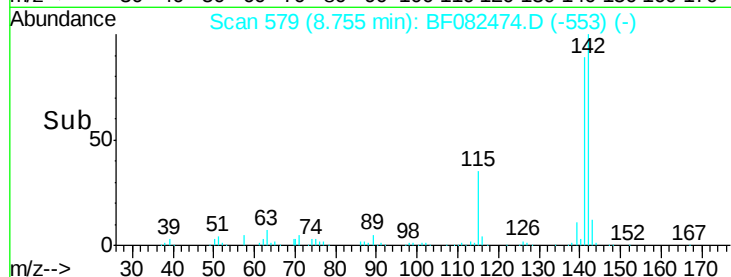
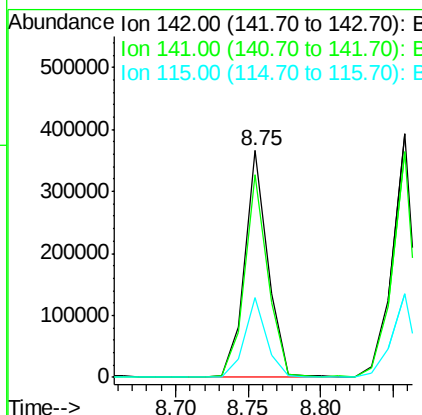
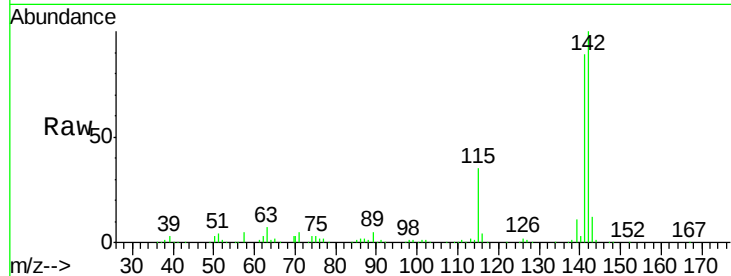




#37
2-Methylnaphthalene
Concen: 32.31 ng
RT: 8.75 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

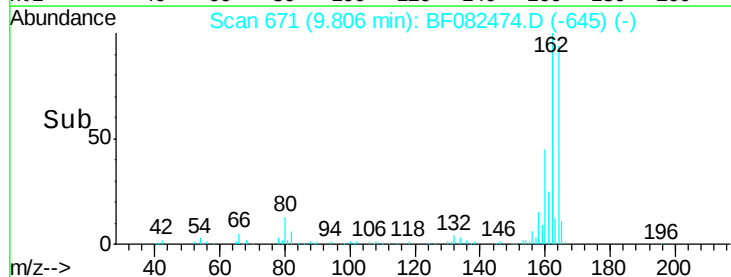
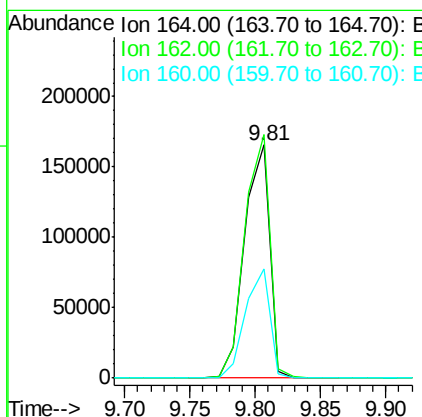
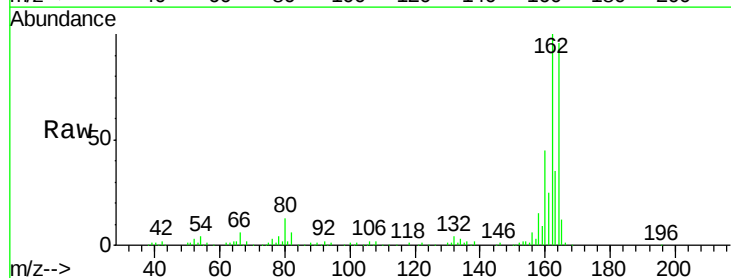
Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:142 Resp: 409922
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6
115 35.0 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: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion:164 Resp: 221262
Ion Ratio Lower Upper
164 100
162 104.4 81.6 122.4
160 46.8 36.4 54.6

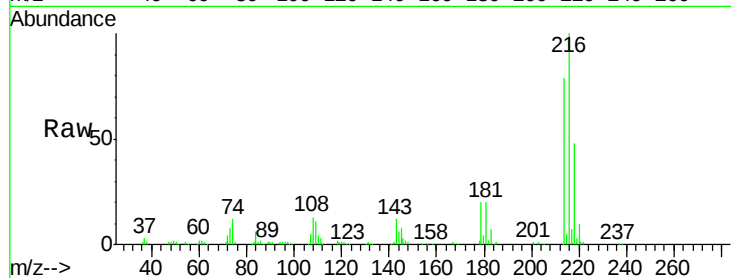




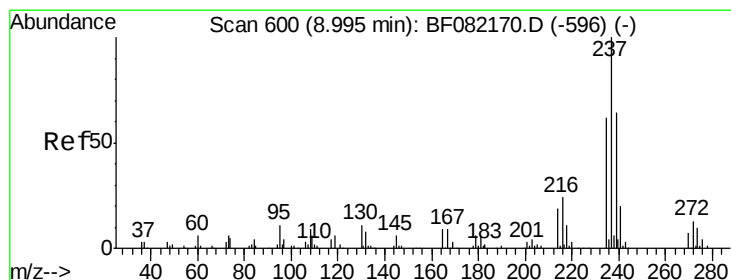
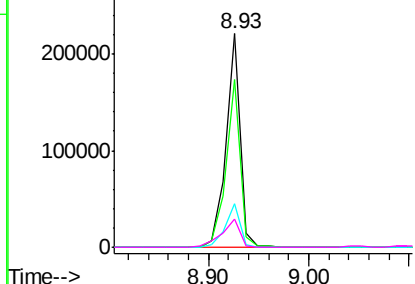
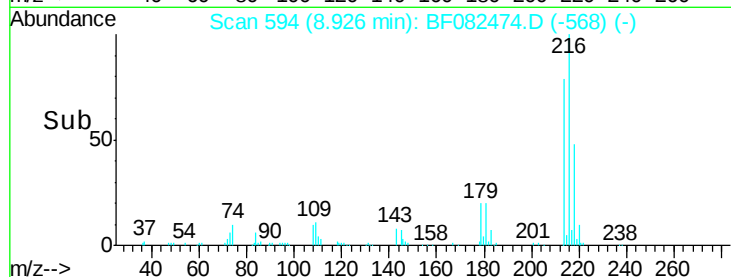
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.82 ng
 RT: 8.93 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:216	Resp:	216007
Ion Ratio	Lower	Upper
216	100	
214	79.0	64.6 97.0
179	21.0	17.6 26.4
108	17.3	14.5 21.7

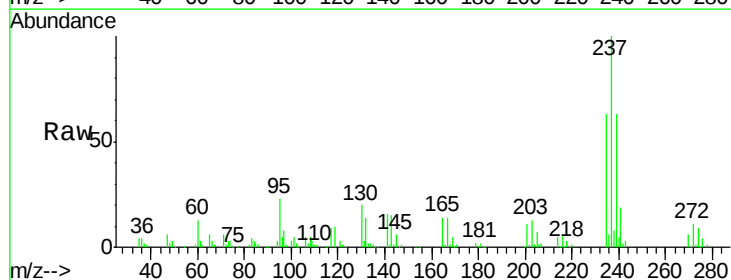


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

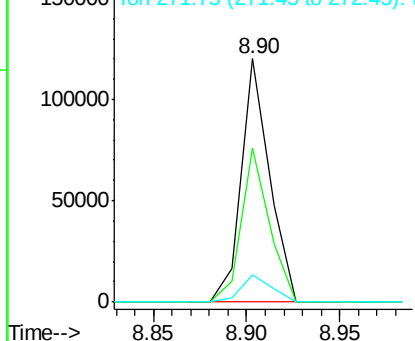
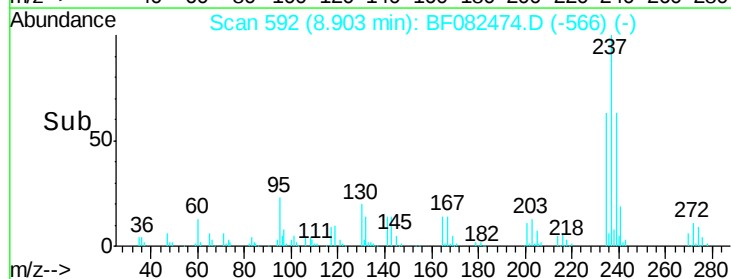


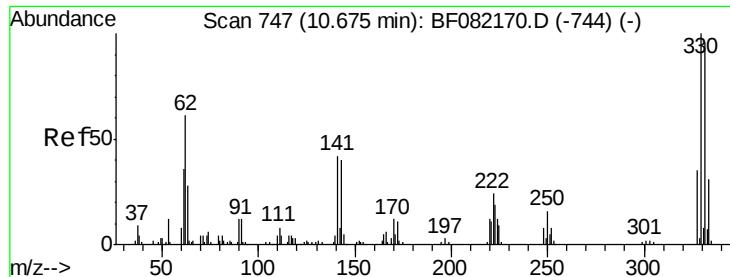
#40
 Hexachlorocyclopentadiene
 Concen: 42.40 ng
 RT: 8.90 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion:237	Resp:	126685
Ion Ratio	Lower	Upper
237	100	
235	63.2	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

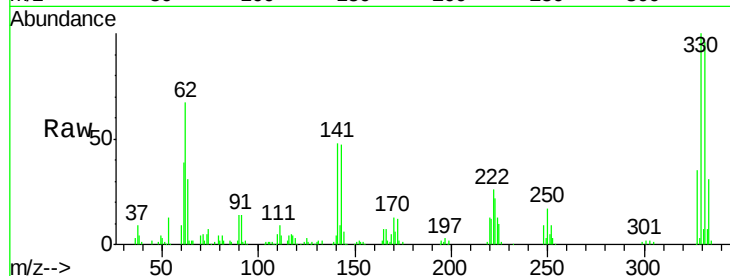




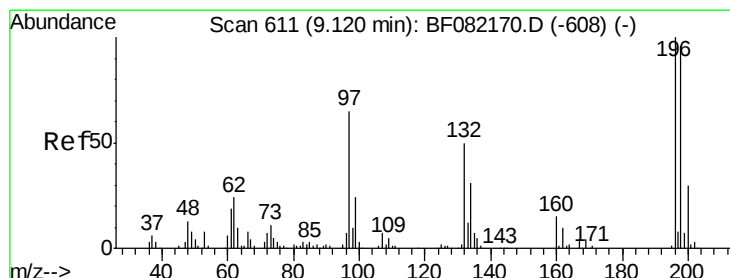
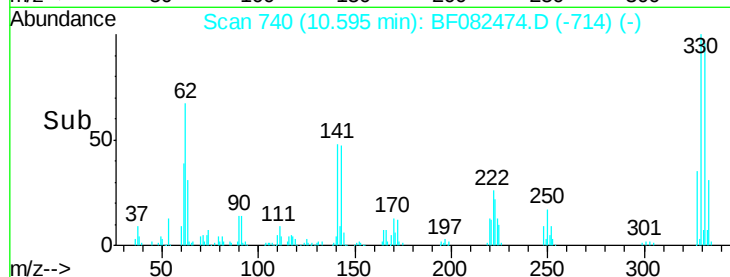
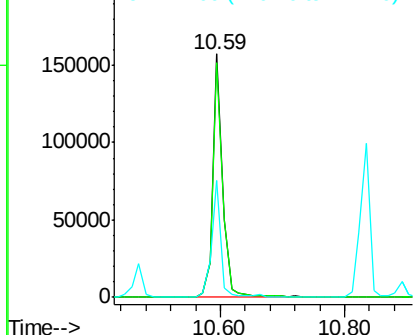
#41
 2,4,6-Tribromophenol
 Concen: 82.96 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:330 Resp: 172147
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.1 115.7
 141 44.5 29.8 44.8

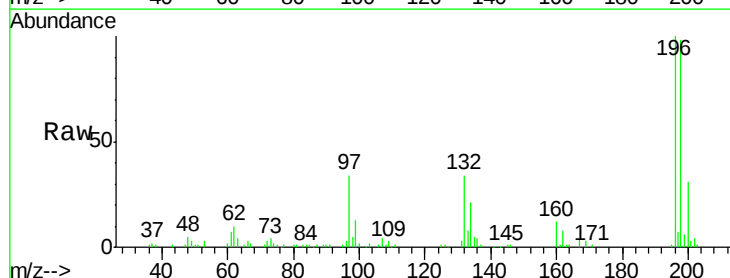


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

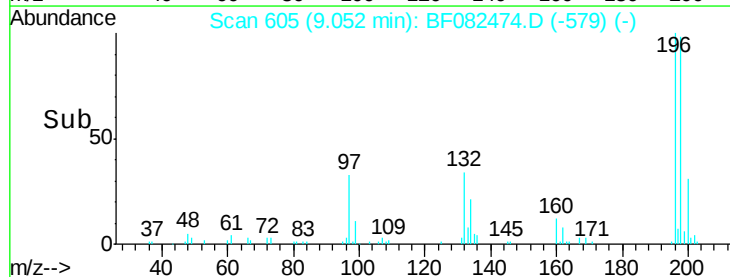
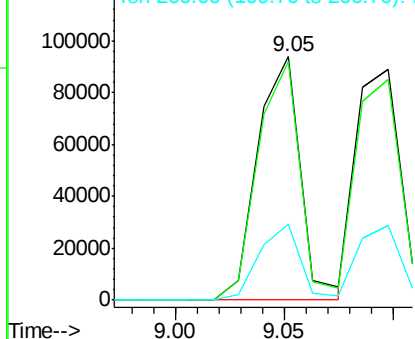


#42
 2,4,6-Trichlorophenol
 Concen: 29.63 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion:196 Resp: 129517
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.6 115.0
 200 31.1 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

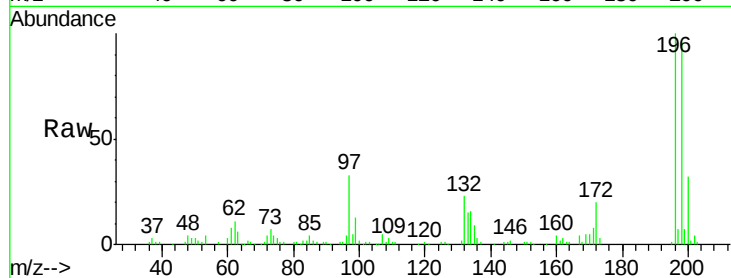




#43
 2,4,5-Trichlorophenol
 Concen: 29.45 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.0	115.4
97	32.5	31.9	47.9
132	23.0	20.3	30.5



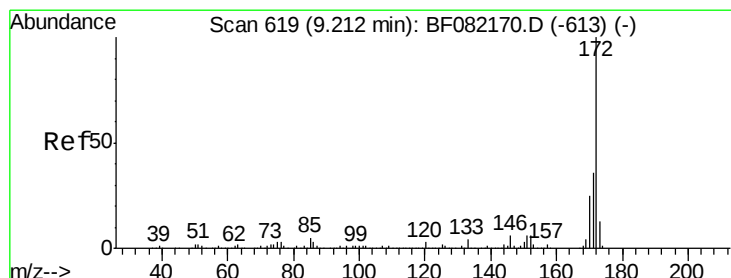
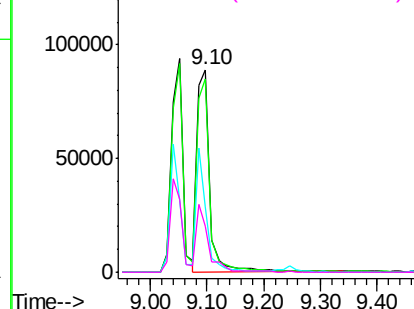
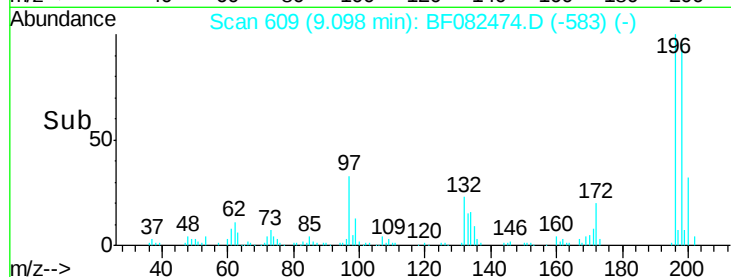
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

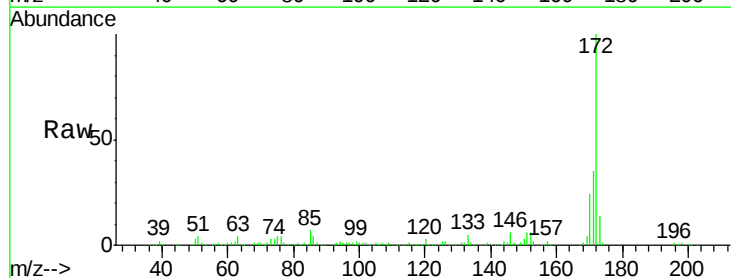
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.48 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	24.3	19.7	29.5

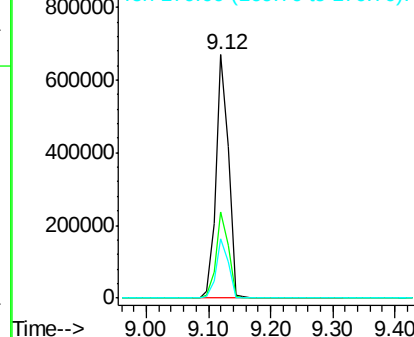
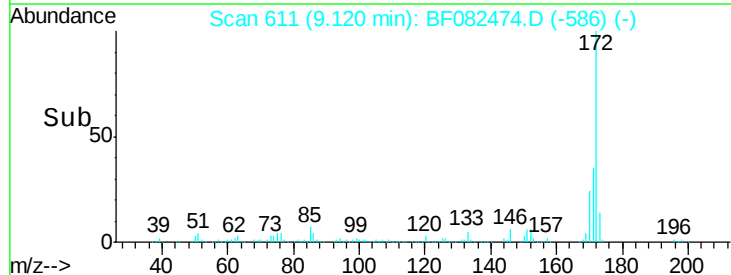


Abundance

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: 30.61 ng

RT: 9.22 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

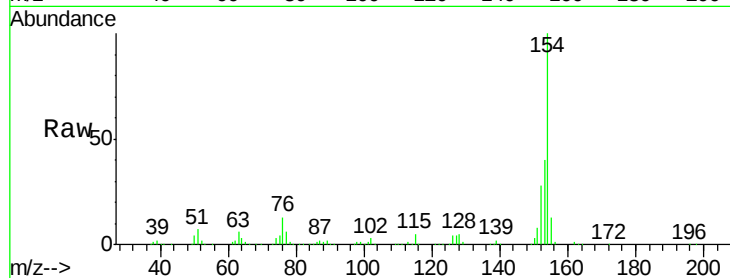
Tot Ion:154 Resp: 516427

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

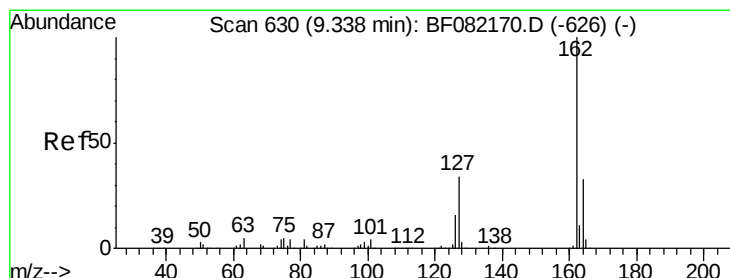
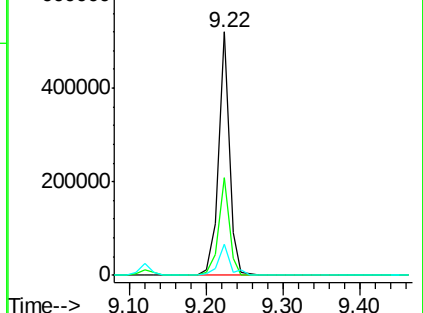
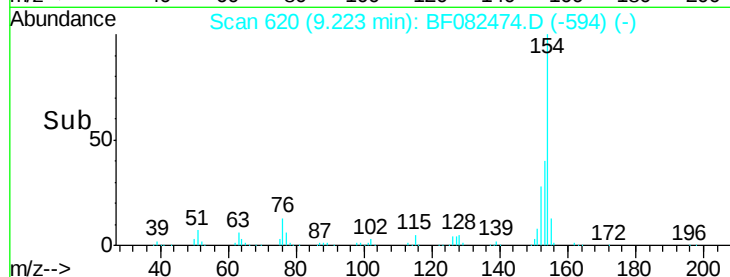
76 12.9 0.0 35.2



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: 30.02 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

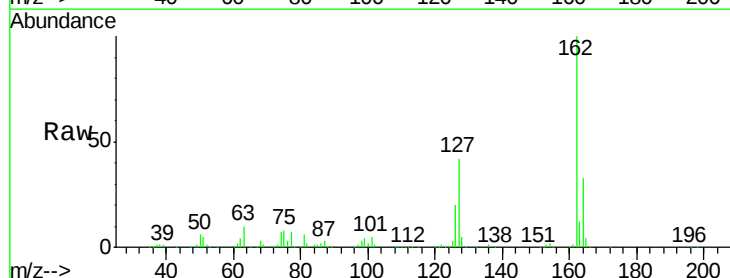
Tgt Ion:162 Resp: 398675

Ion Ratio Lower Upper

162 100

127 41.8 27.5 41.3#

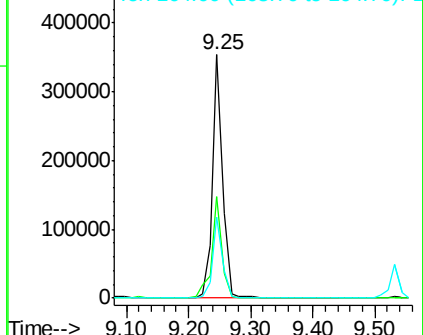
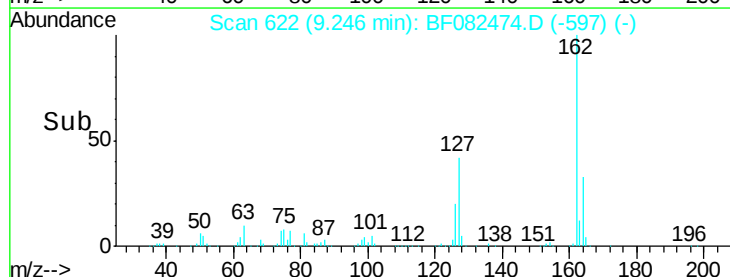
164 33.3 26.6 39.8

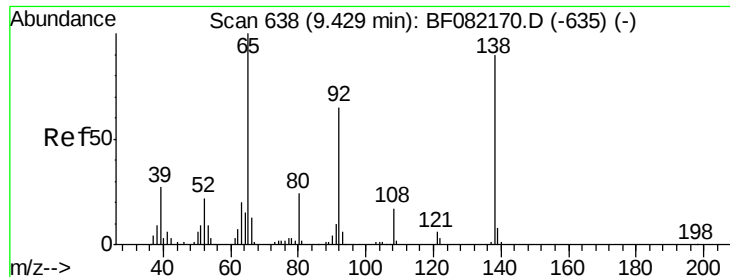


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

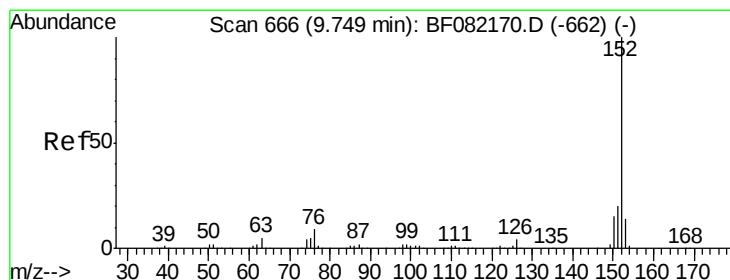
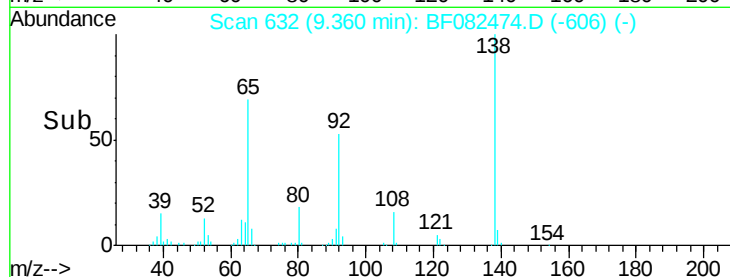
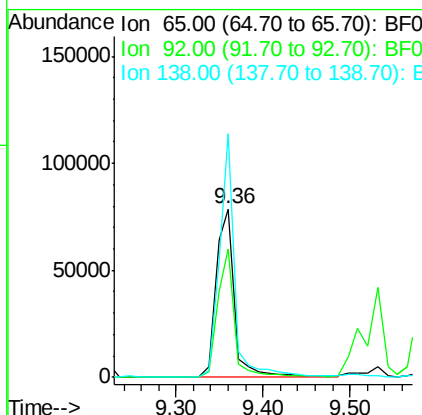
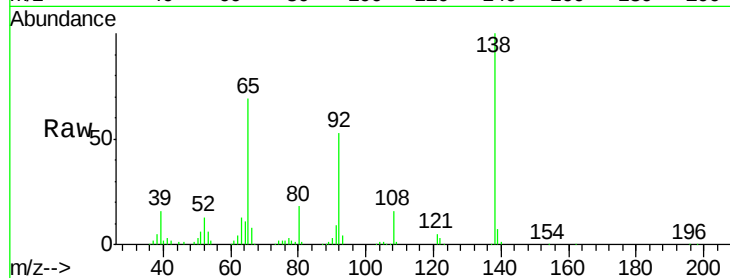




#47
2-Nitroaniline
Concen: 32.58 ng
RT: 9.36 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

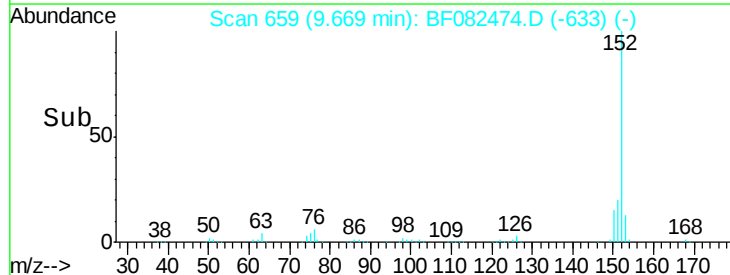
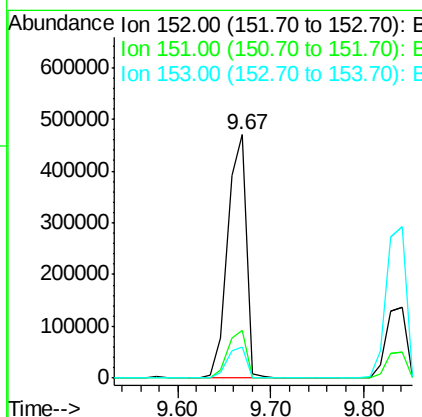
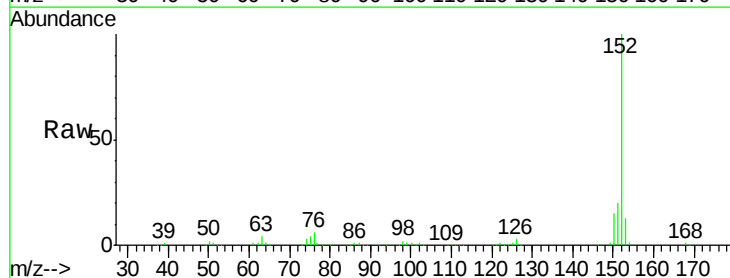
Instrument :
BNA_F
ClientSampleId :
PB86203BS

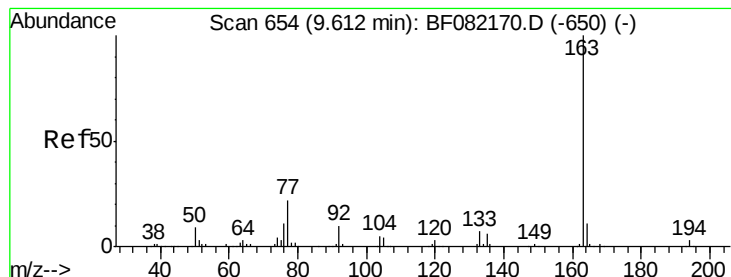
Tot Ion: 65 Resp: 118803
Ion Ratio Lower Upper
65 100
92 76.4 52.3 78.5
138 144.9 72.2 108.4#



#48
Acenaphthylene
Concen: 31.86 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion: 152 Resp: 659129
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 31.49 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

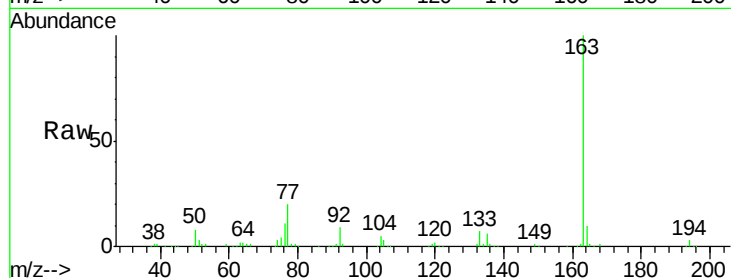
Tot Ion:163 Resp: 490642

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

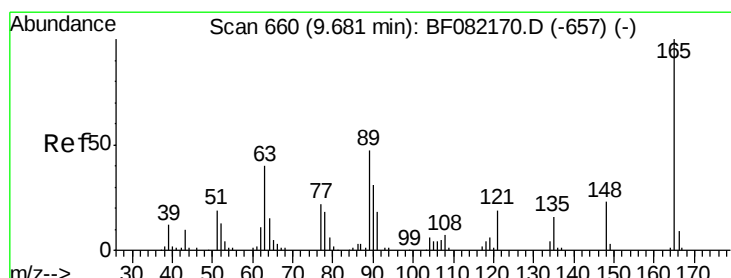
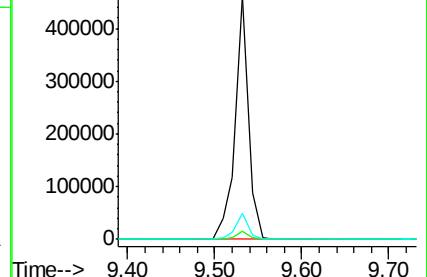
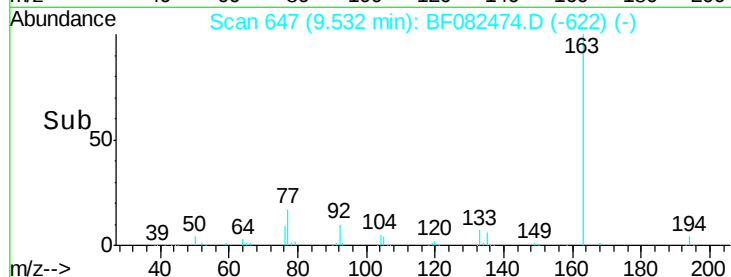
164 10.5 8.5 12.7



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: 34.99 ng

RT: 9.60 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

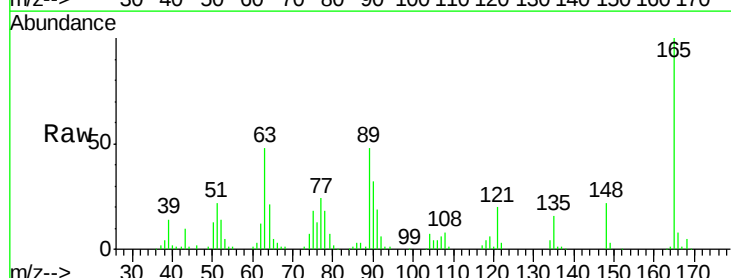
Tgt Ion:165 Resp: 115029

Ion Ratio Lower Upper

165 100

63 47.7 36.7 55.1

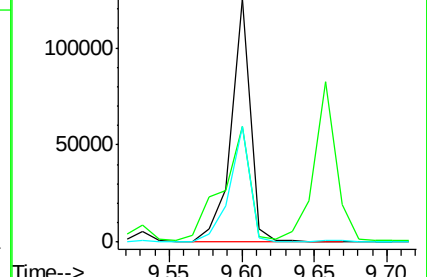
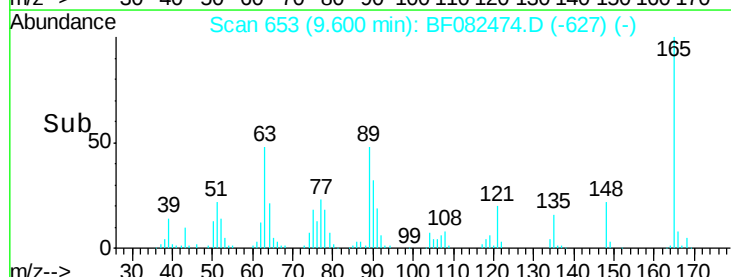
89 47.6 37.8 56.6

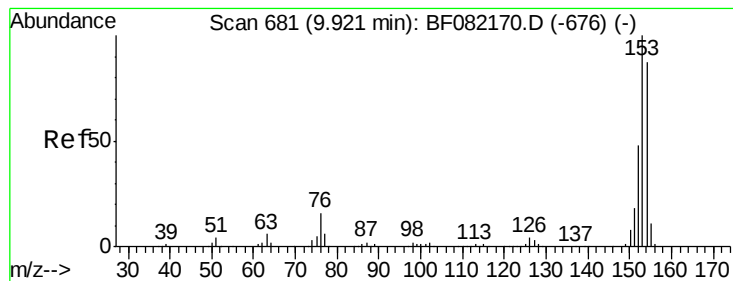


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.47 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

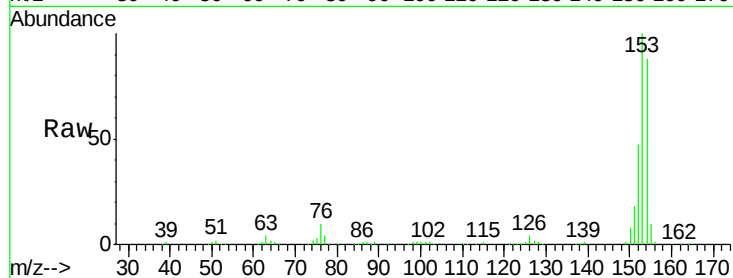
Tot Ion:154 Resp: 378417

Ion Ratio Lower Upper

154 100

153 113.5 91.4 137.2

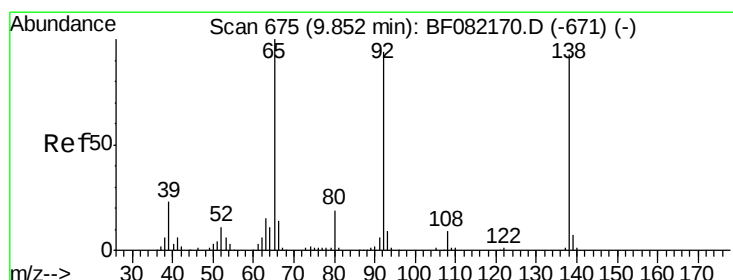
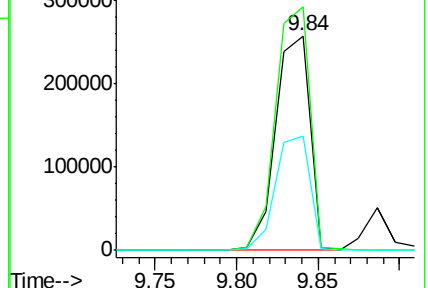
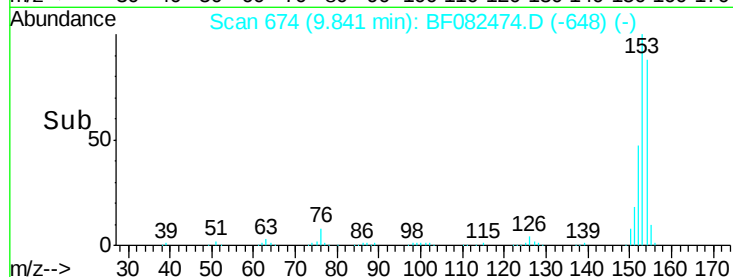
152 53.4 44.3 66.5



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: 13.59 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

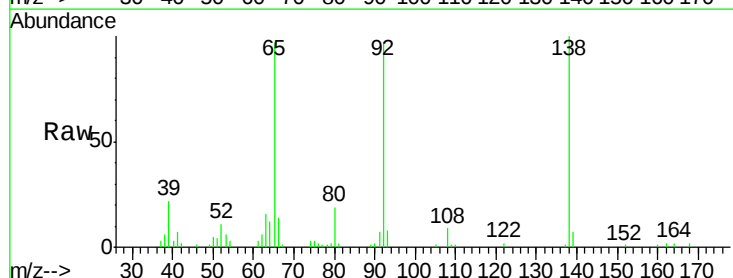
Tgt Ion:138 Resp: 50451

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

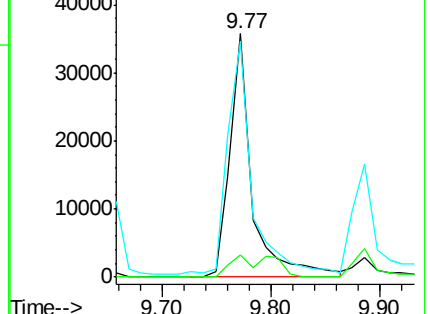
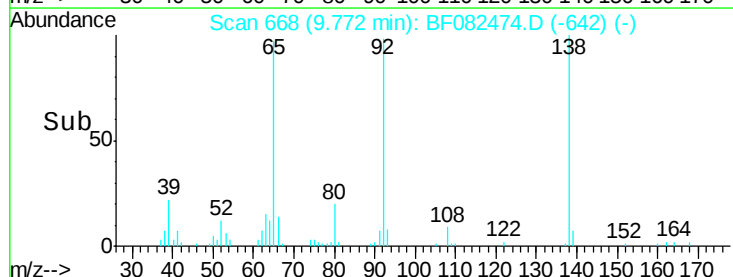
92 97.1 81.3 121.9



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

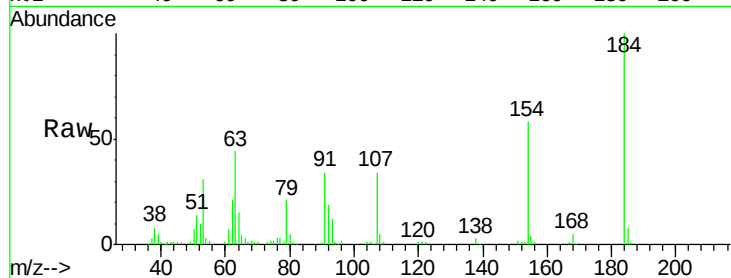




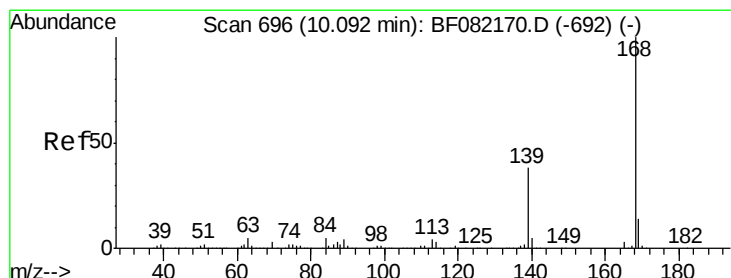
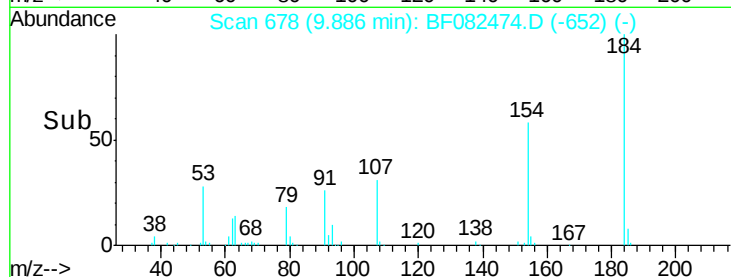
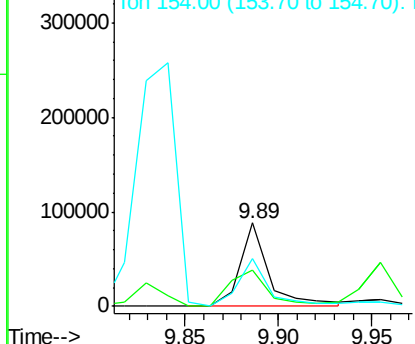
#53
2,4-Dinitrophenol
Concen: 54.32 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:184 Resp: 95696
Ion Ratio Lower Upper
184 100
63 44.1 45.1 67.7#
154 58.2 51.2 76.8

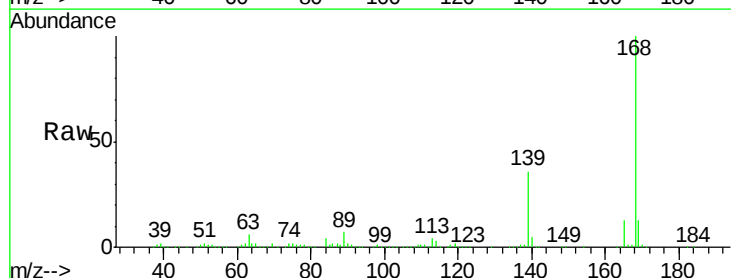


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

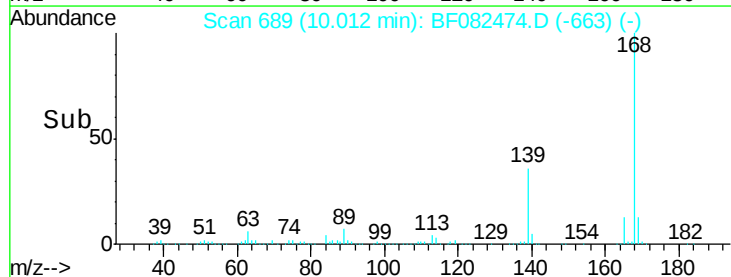
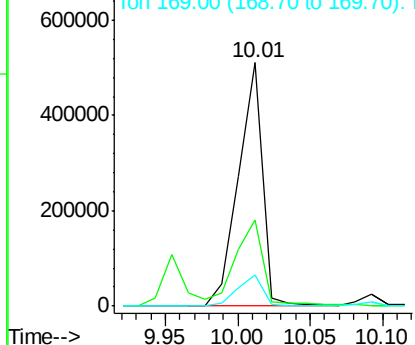


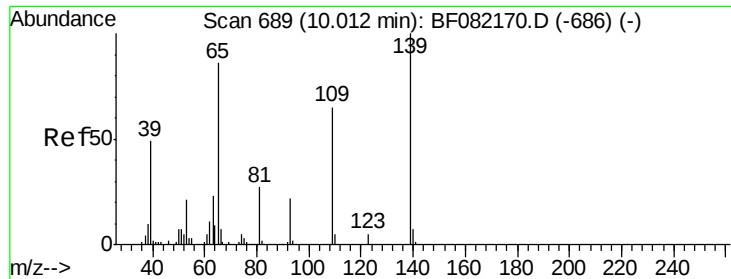
#54
Dibenzofuran
Concen: 34.77 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion:168 Resp: 593010
Ion Ratio Lower Upper
168 100
139 35.5 31.0 46.6
169 13.0 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: 52.15 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

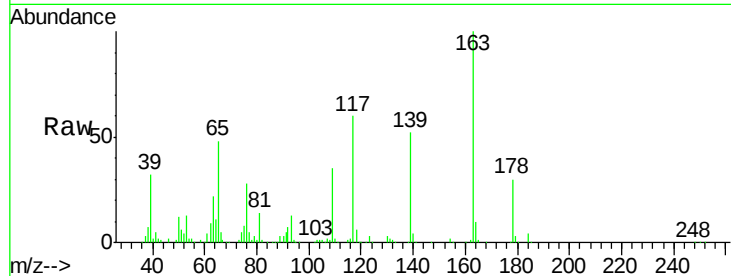
Tot Ion:139 Resp: 115250

Ion Ratio Lower Upper

139 100

109 66.3 44.8 84.8

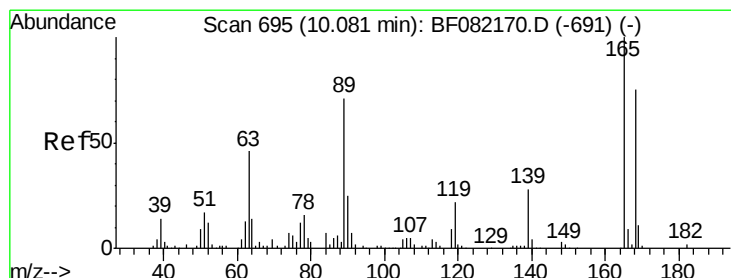
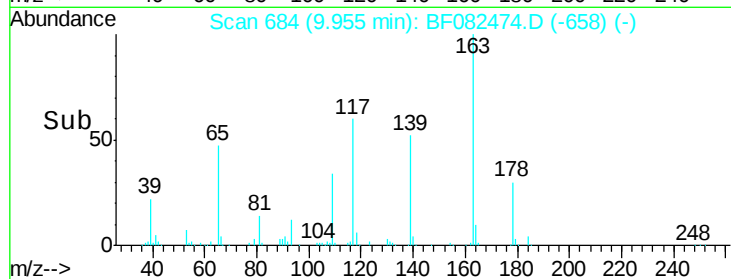
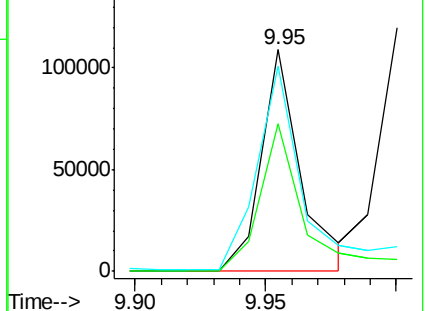
65 92.5 67.7 107.7



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): E



#56

2,4-Dinitrotoluene

Concen: 33.55 ng

RT: 10.00 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Tgt Ion:165 Resp: 137855

Ion Ratio Lower Upper

165 100

63 69.6 38.6 58.0#

89 87.2 57.0 85.6#

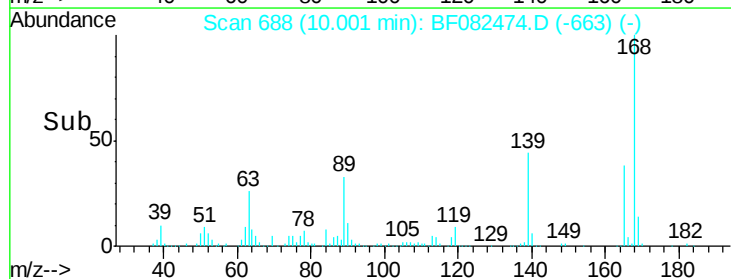
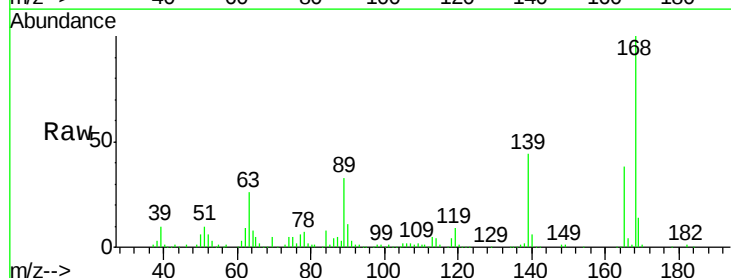
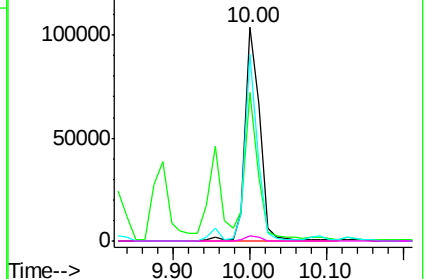
182 2.2 1.8 2.6

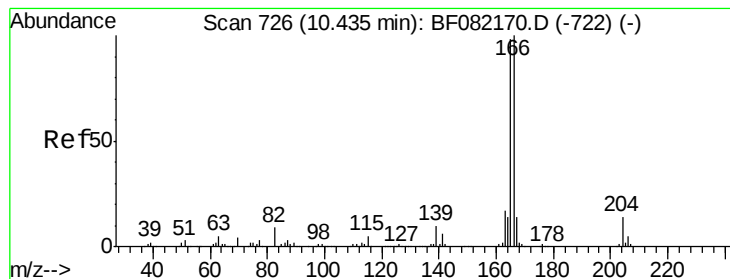
Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.34 ng

RT: 10.35 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

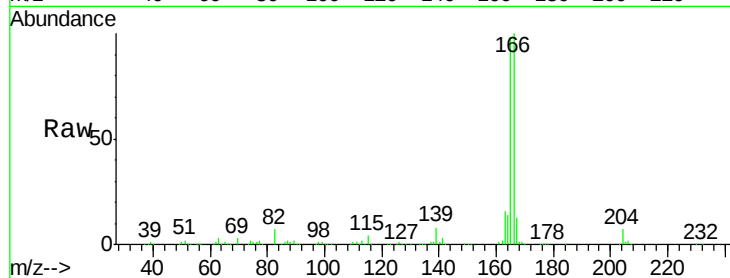
Tot Ion:166 Resp: 480962

Ion Ratio Lower Upper

166 100

165 98.4 78.3 117.5

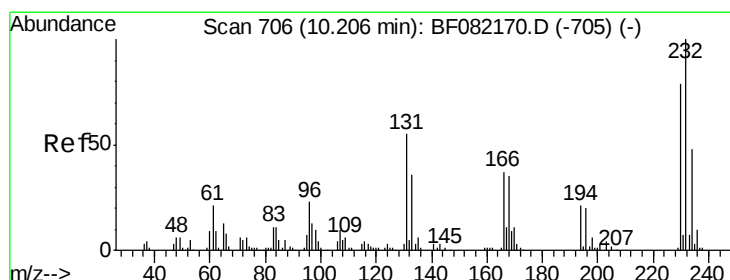
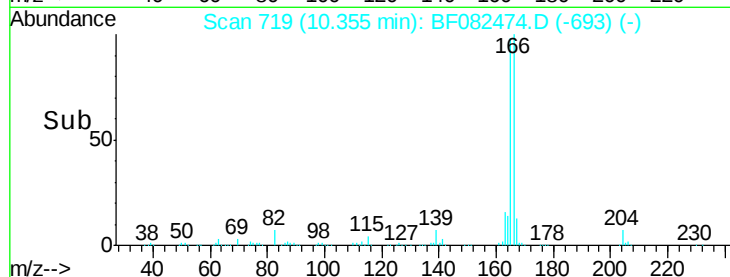
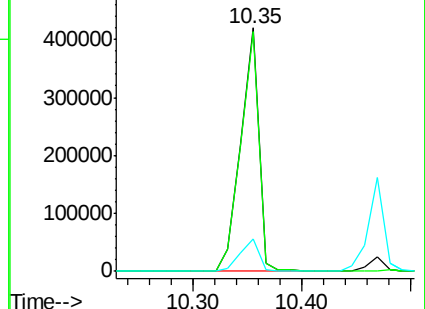
167 13.1 10.8 16.2



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: 30.00 ng

RT: 10.14 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Tgt Ion:232 Resp: 116083

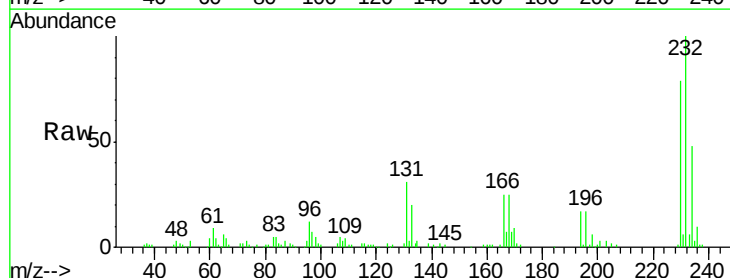
Ion Ratio Lower Upper

232 100

131 45.1 36.6 54.8

130 1.9 1.5 2.3

166 29.0 24.6 37.0

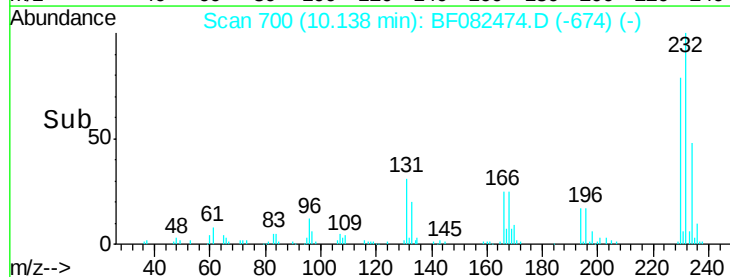
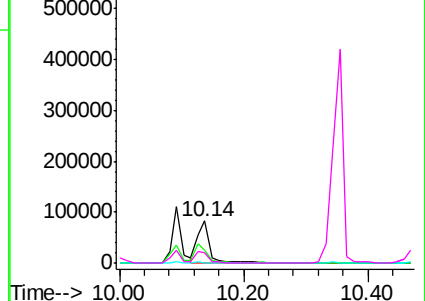


Abundance Ion 232.00 (231.70 to 232.70): E

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: 32.36 ng

RT: 10.23 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

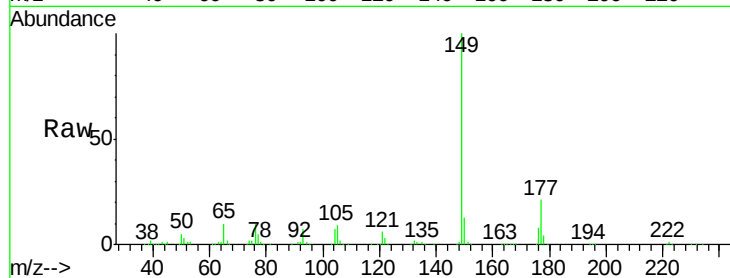
Tot Ion:149 Resp: 470013

Ion Ratio Lower Upper

149 100

177 21.1 17.6 26.4

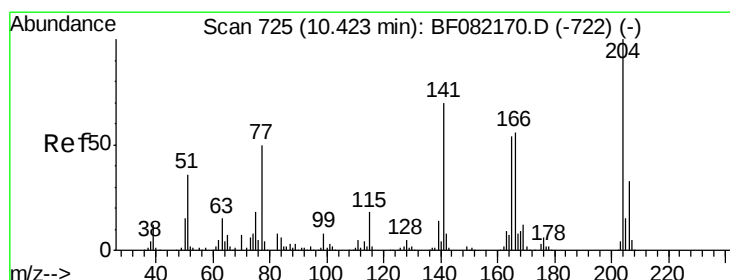
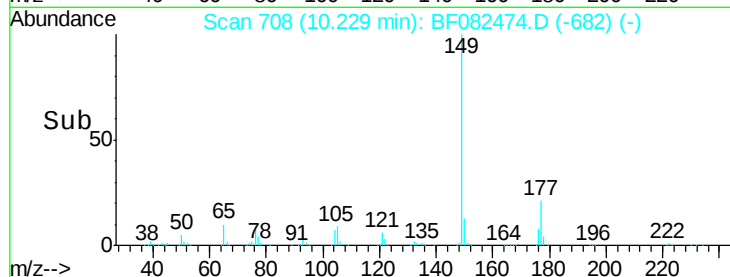
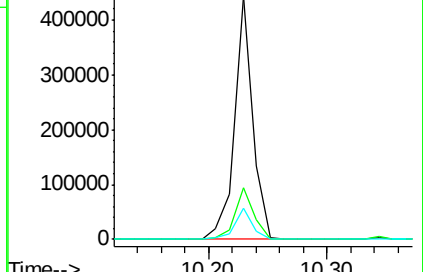
150 13.0 10.3 15.5



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: 34.93 ng

RT: 10.34 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

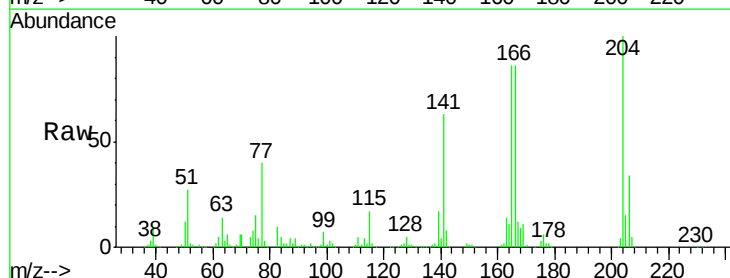
Tgt Ion:204 Resp: 224094

Ion Ratio Lower Upper

204 100

206 33.7 26.8 40.2

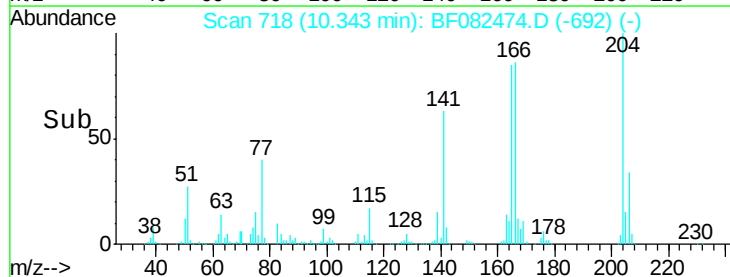
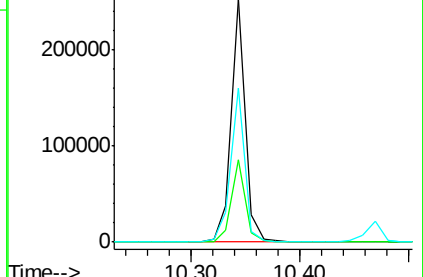
141 63.4 56.1 84.1



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: 30.36 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

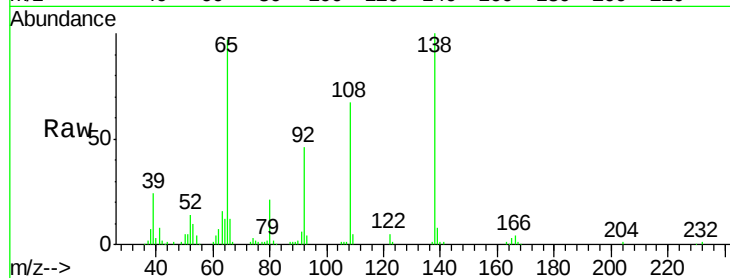
Tot Ion:138 Resp: 109342

Ion Ratio Lower Upper

138 100

92 46.1 26.8 66.8

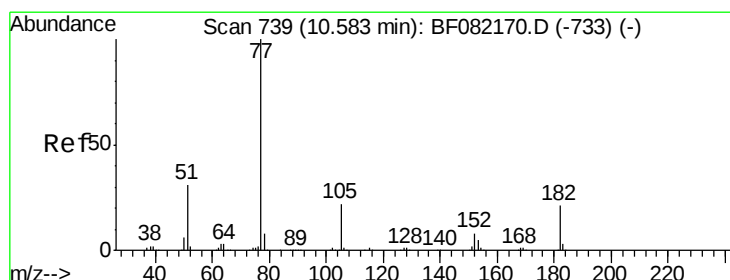
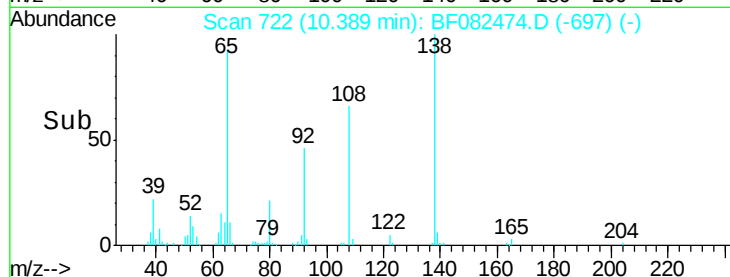
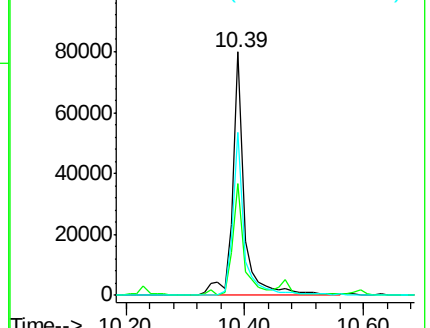
108 67.1 48.4 88.4



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: 33.55 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Tgt Ion: 77 Resp: 476877

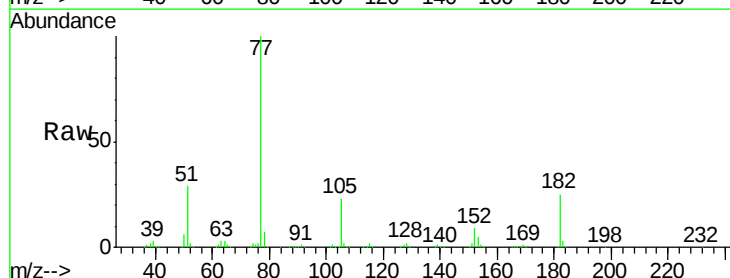
Ion Ratio Lower Upper

77 100

182 24.6 0.5 40.5

105 22.8 1.8 41.8

51 29.1 11.2 51.2

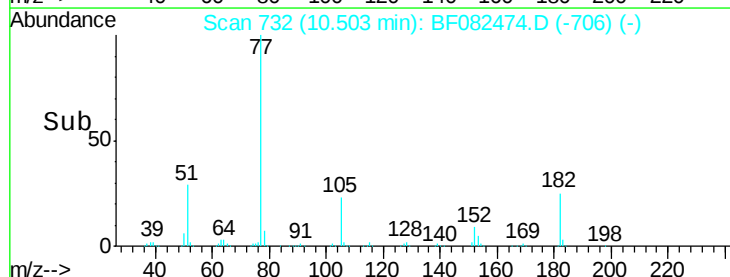
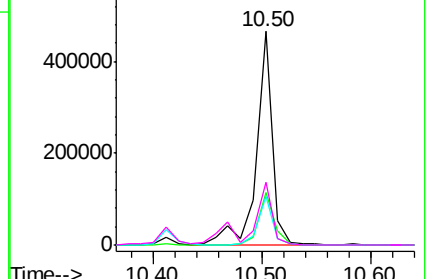


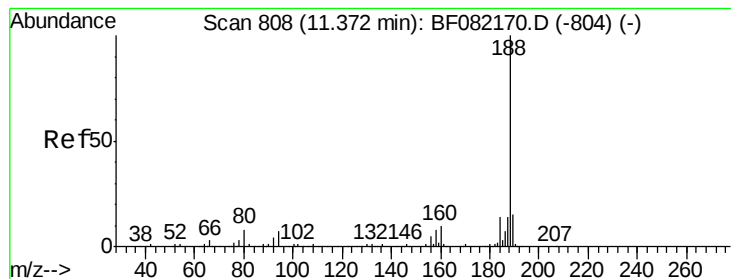
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

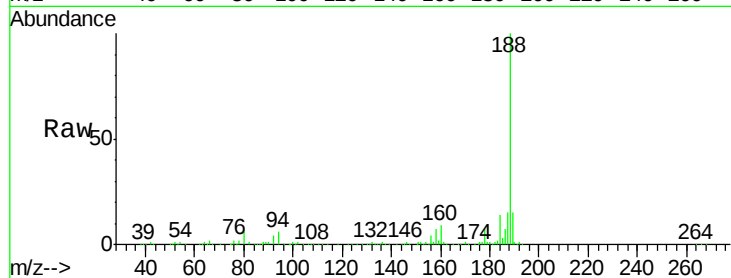
Tot Ion:188 Resp: 435512

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.6

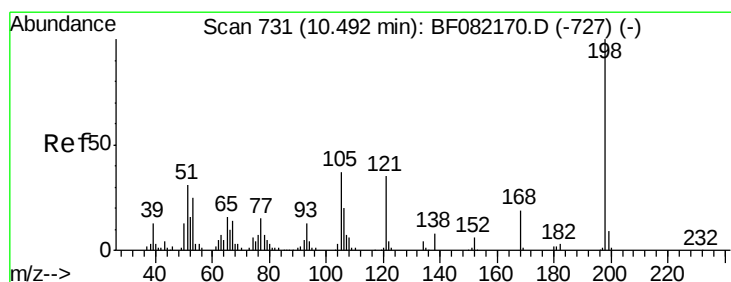
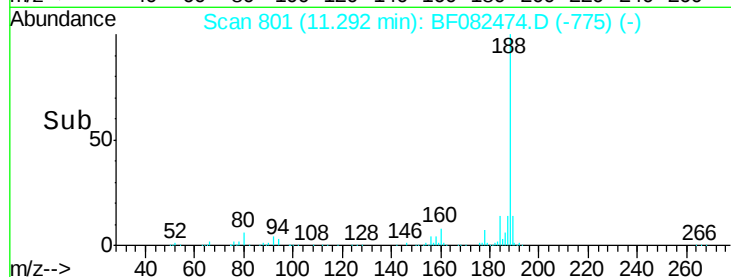
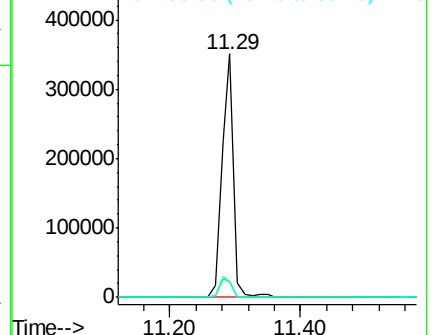
80 6.5 6.4 9.6



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: 31.07 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

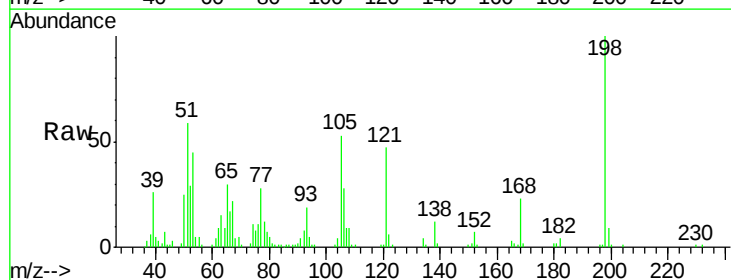
Tgt Ion:198 Resp: 75947

Ion Ratio Lower Upper

198 100

51 59.2 13.6 53.6#

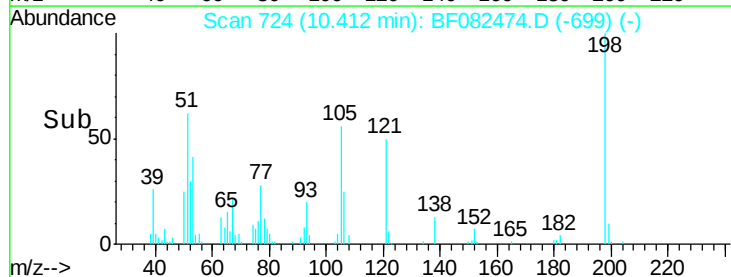
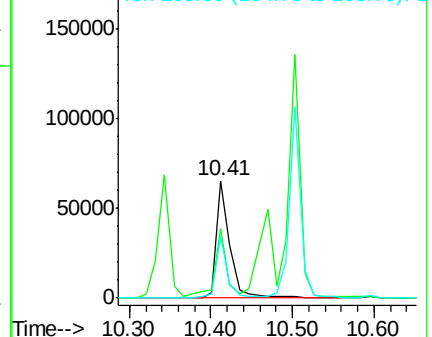
105 52.7 17.1 57.1

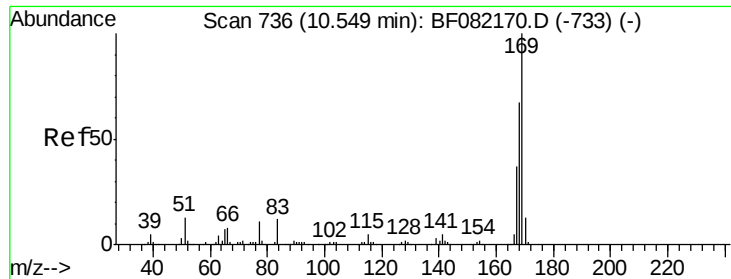


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 32.63 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

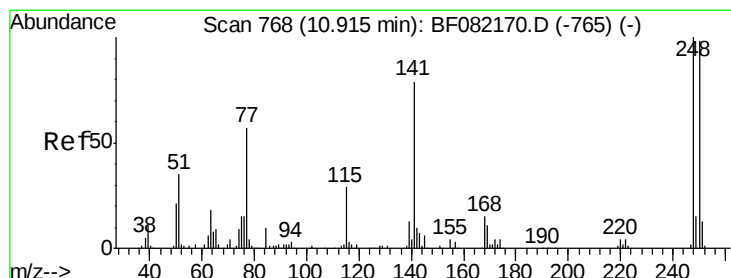
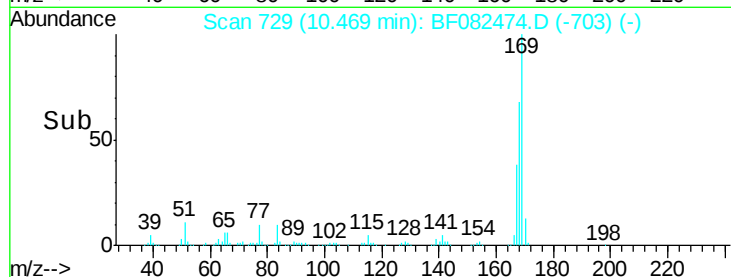
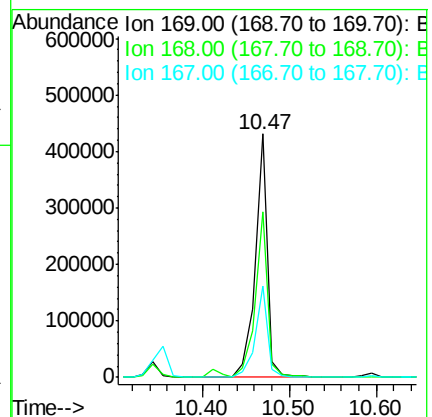
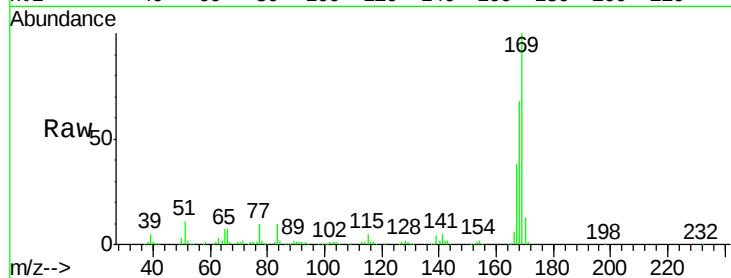
Tot Ion:169 Resp: 425474

Ion Ratio Lower Upper

169 100

168 68.0 54.0 81.0

167 37.8 29.6 44.4



#66

4-Bromophenyl-phenylether

Concen: 32.56 ng

RT: 10.83 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

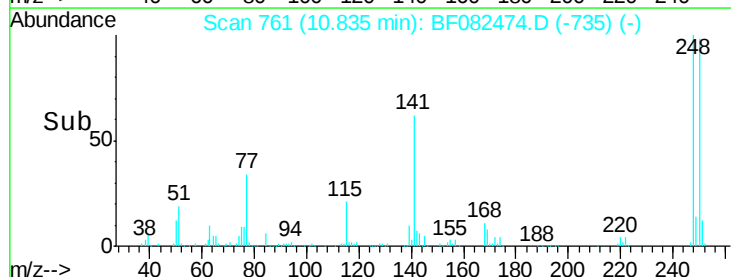
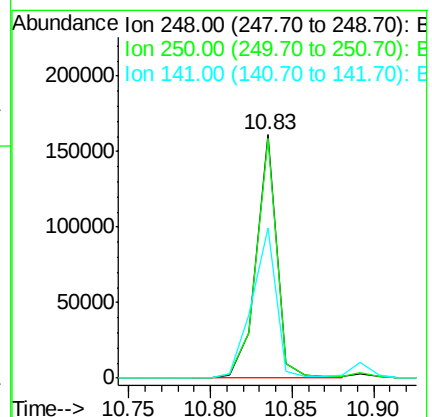
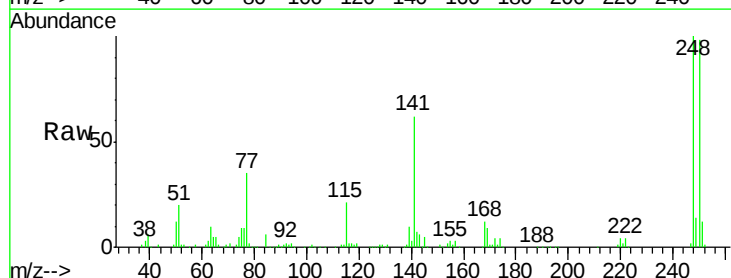
Tgt Ion:248 Resp: 141919

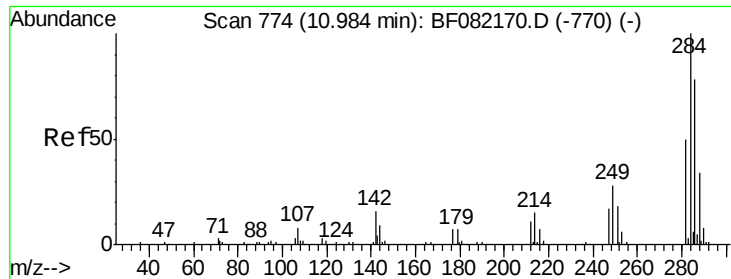
Ion Ratio Lower Upper

248 100

250 98.4 78.6 117.8

141 61.9 63.3 94.9#

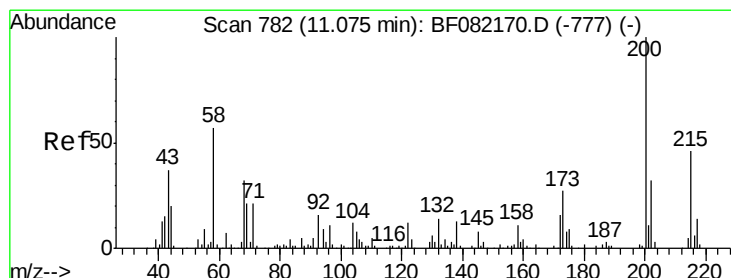
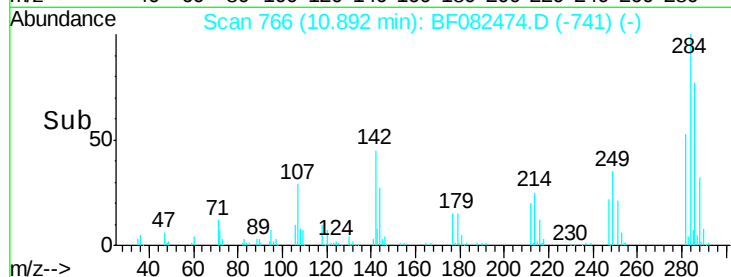
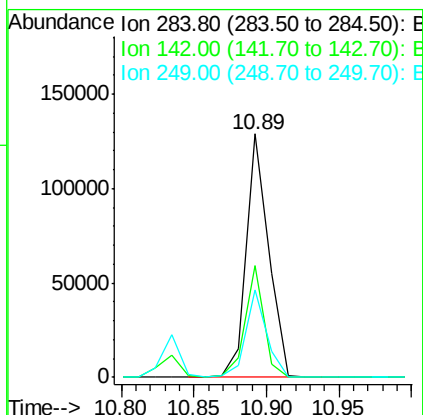
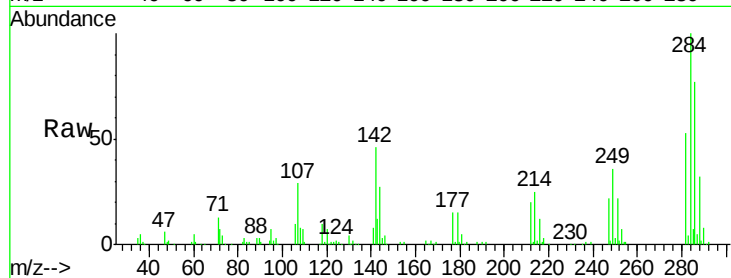




#67
Hexachlorobenzene
Concen: 29.26 ng
RT: 10.89 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

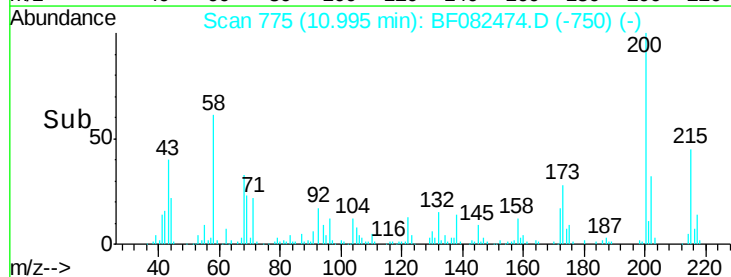
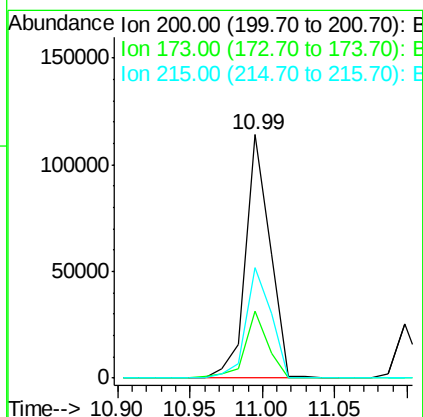
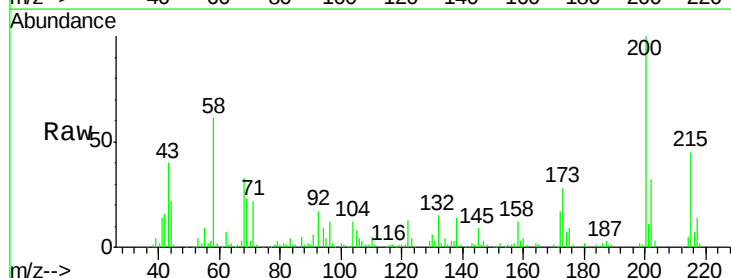
Instrument :
BNA_F
ClientSampleId :
PB86203BS

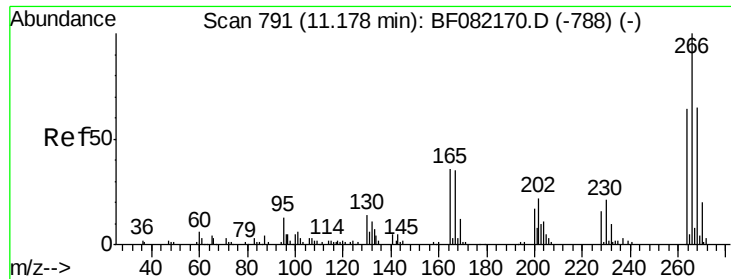
Tot Ion:284 Resp: 137923
Ion Ratio Lower Upper
284 100
142 45.8 13.0 19.6#
249 35.7 22.5 33.7#



#68
Atrazine
Concen: 32.15 ng
RT: 10.99 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion:200 Resp: 132823
Ion Ratio Lower Upper
200 100
173 27.6 7.3 47.3
215 45.1 26.2 66.2

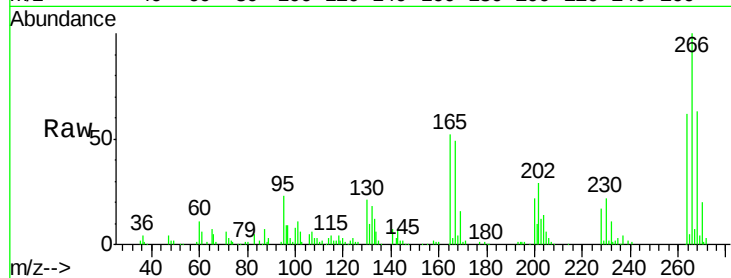




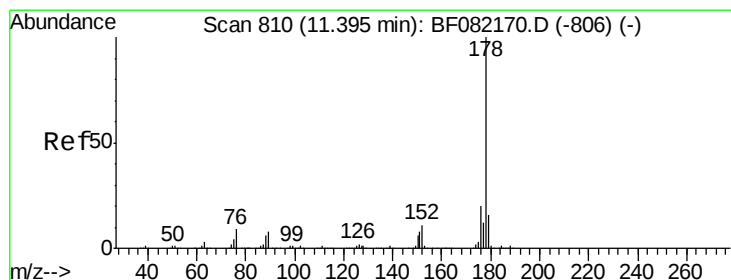
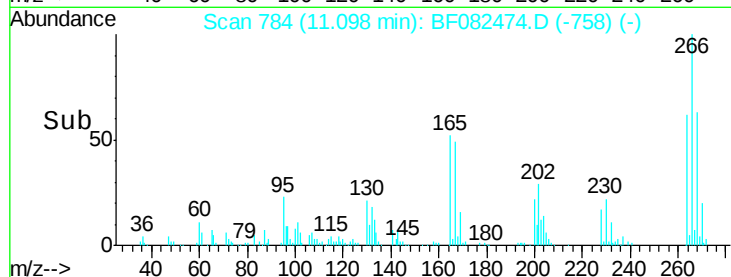
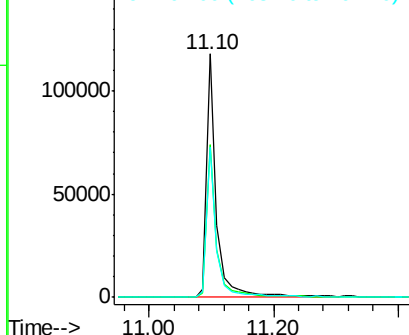
#69
 Pentachlorophenol
 Concen: 54.22 ng
 RT: 11.10 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:266 Resp: 131507
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.0 78.0
 264 61.8 51.4 77.0

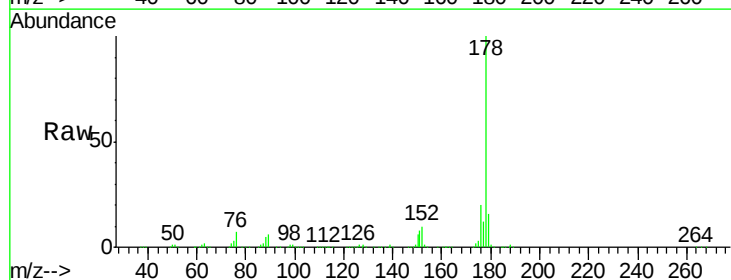


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

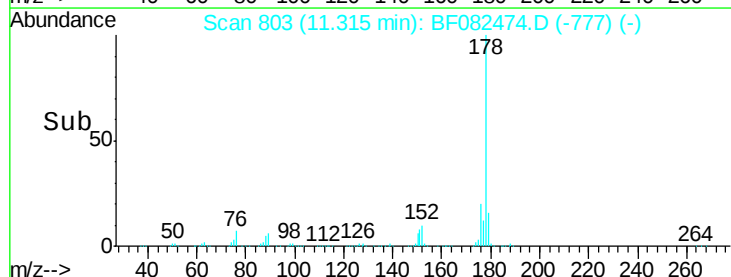
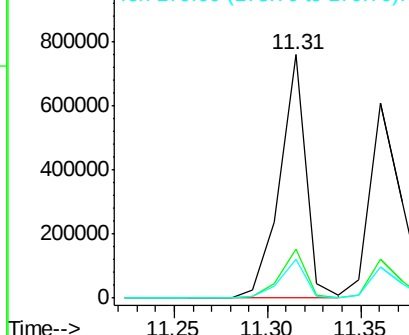


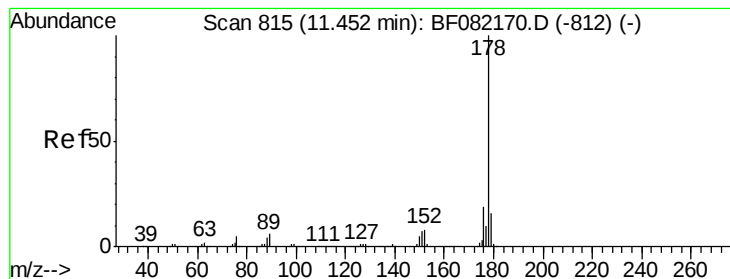
#70
 Phenanthrene
 Concen: 34.56 ng
 RT: 11.31 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion:178 Resp: 737753
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.9 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: 31.86 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

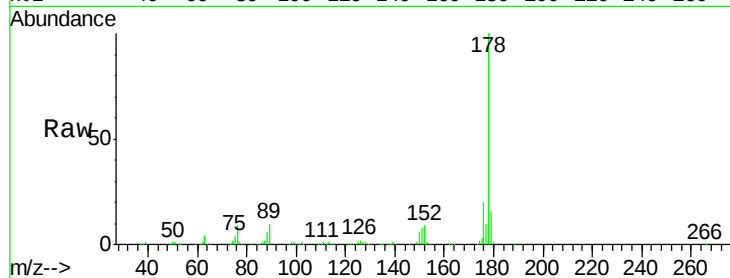
Tot Ion:178 Resp: 700919

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

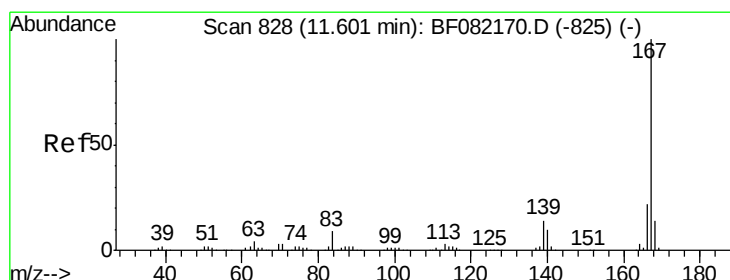
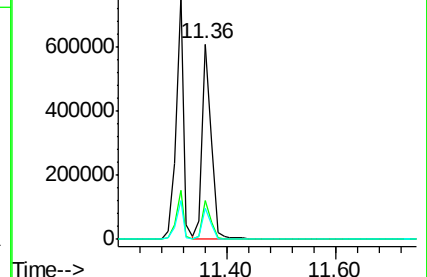
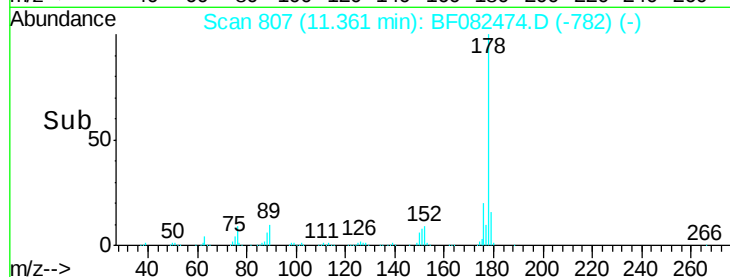
179 16.1 12.5 18.7



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: 31.40 ng

RT: 11.53 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

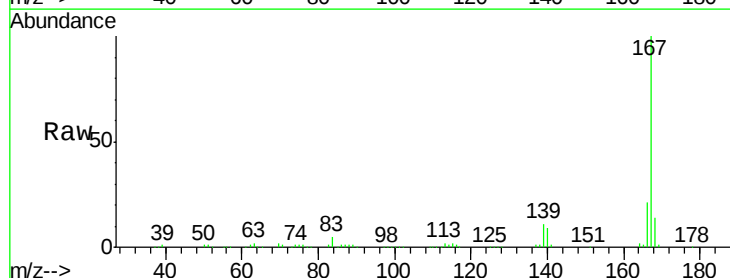
Tgt Ion:167 Resp: 630171

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

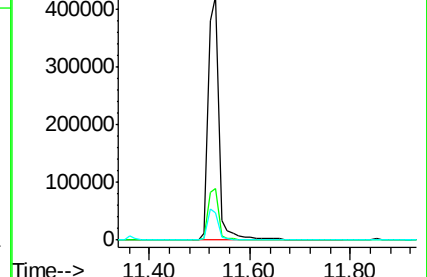
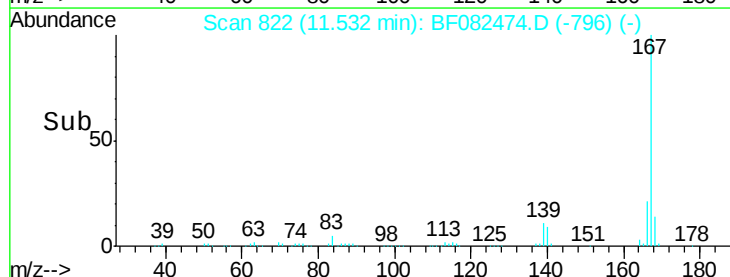
139 11.3 11.2 16.8



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: 32.11 ng

RT: 11.85 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

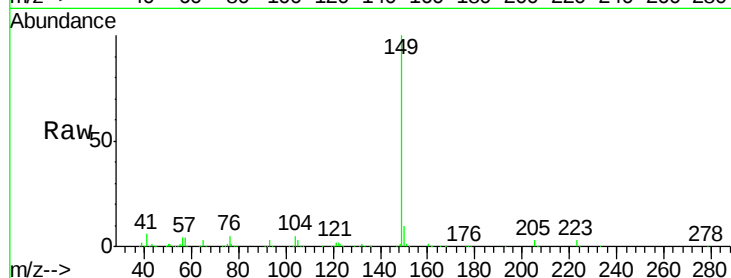
Tot Ion:149 Resp: 794771

Ion Ratio Lower Upper

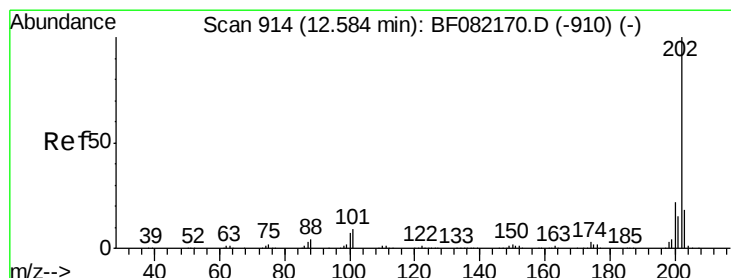
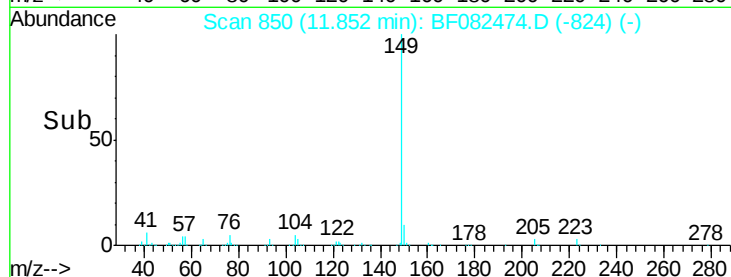
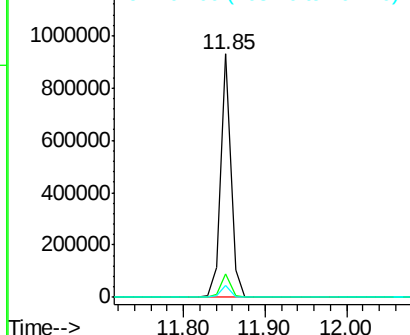
149 100

150 9.6 7.8 11.6

104 4.6 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: 34.19 ng

RT: 12.50 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

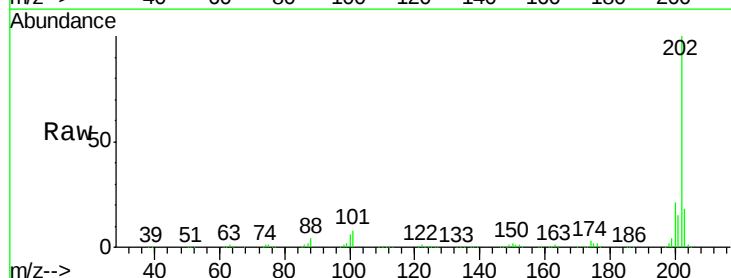
Tgt Ion:202 Resp: 783899

Ion Ratio Lower Upper

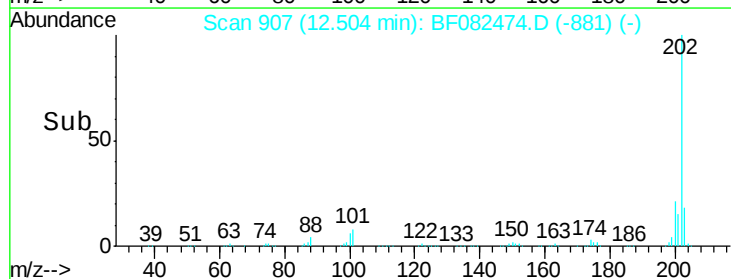
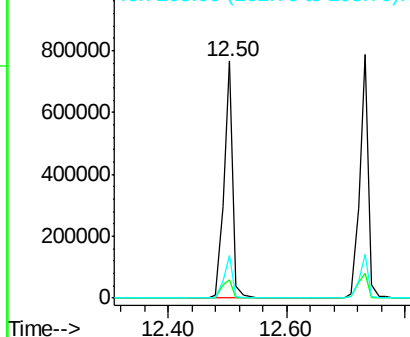
202 100

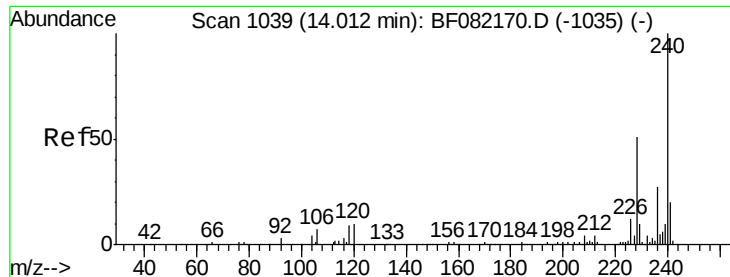
101 7.9 0.0 29.3

203 17.8 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

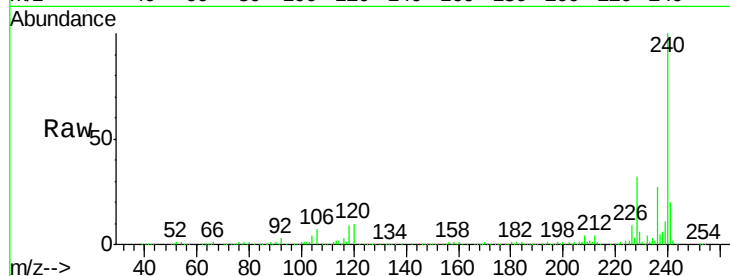




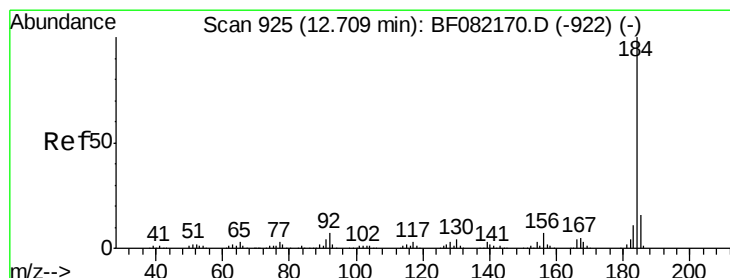
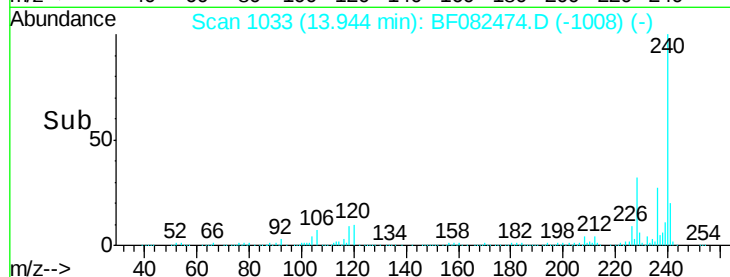
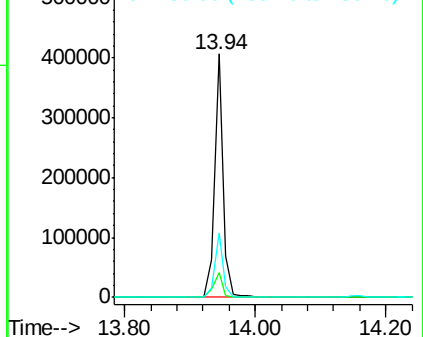
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:240 Resp: 381204
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.1 12.1
 236 26.6 21.3 31.9

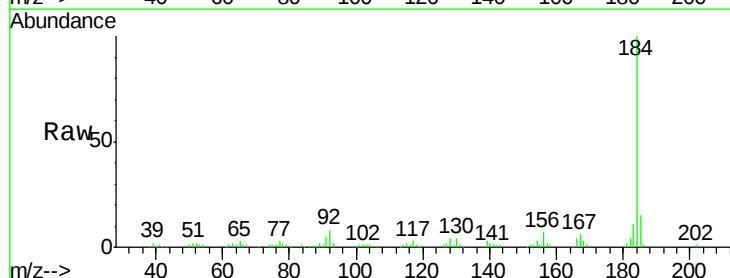


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

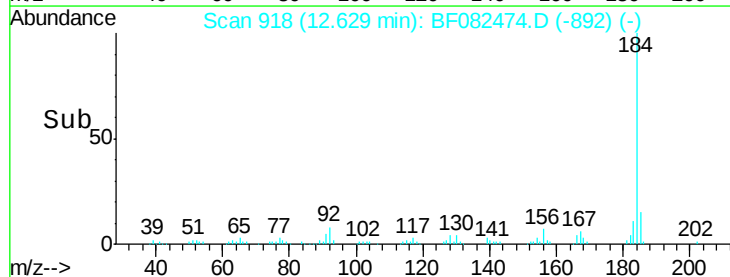
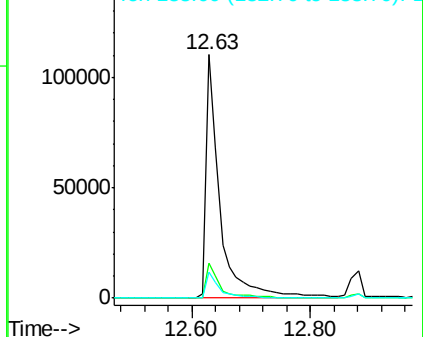


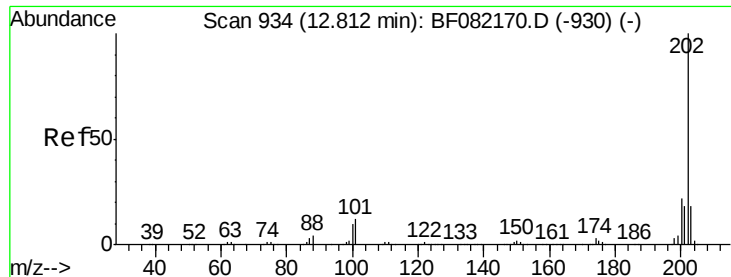
#76
 Benzidine
 Concen: 16.59 ng
 RT: 12.63 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion:184 Resp: 183276
 Ion Ratio Lower Upper
 184 100
 185 14.5 12.5 18.7
 183 10.6 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

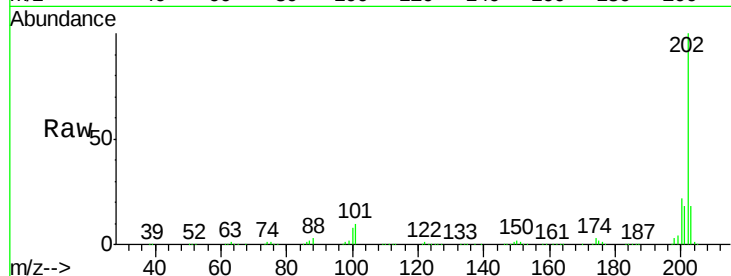




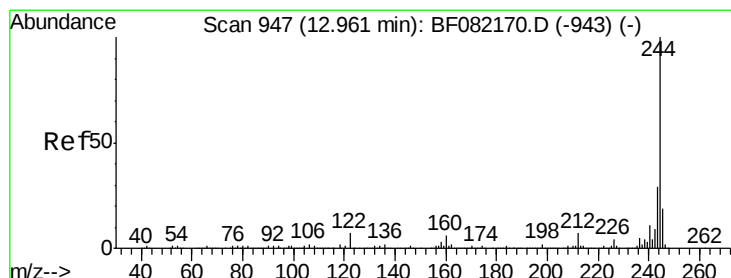
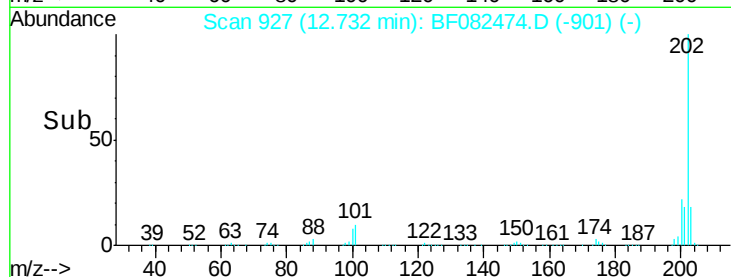
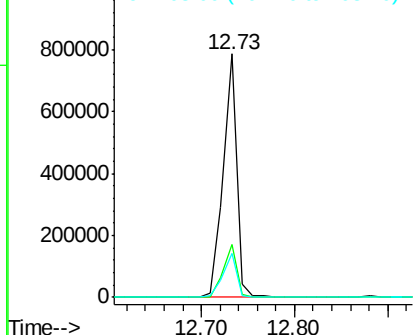
#77
Pvrene
Concen: 34.75 ng
RT: 12.73 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:202 Resp: 786054
Ion Ratio Lower Upper
202 100
200 21.9 17.9 26.9
203 17.8 14.5 21.7

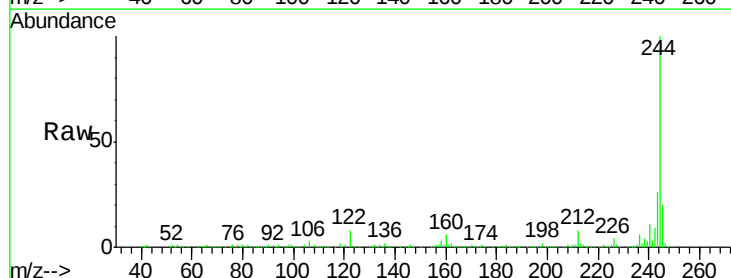


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

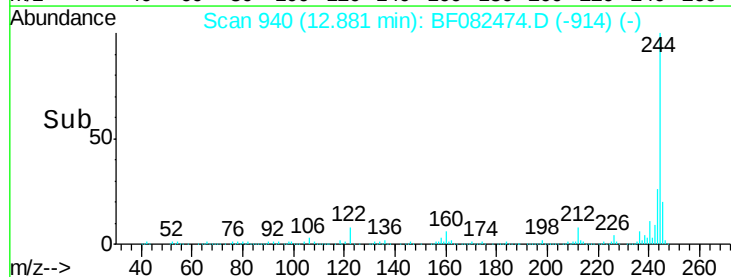
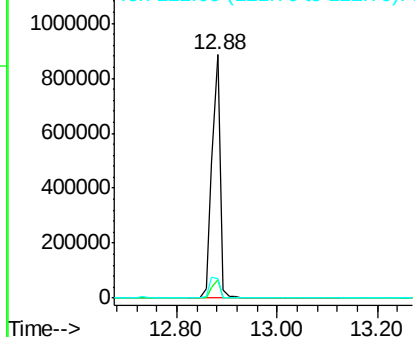


#78
Terphenyl-d14
Concen: 70.37 ng
RT: 12.88 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion:244 Resp: 1012316
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 7.8 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

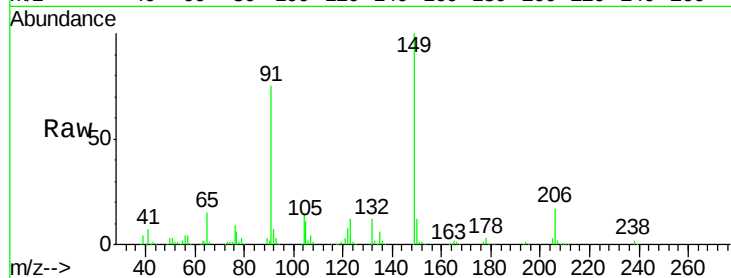




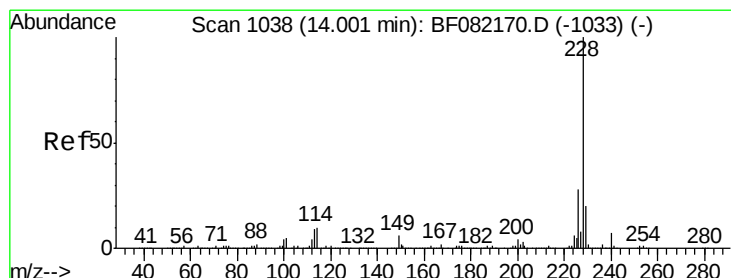
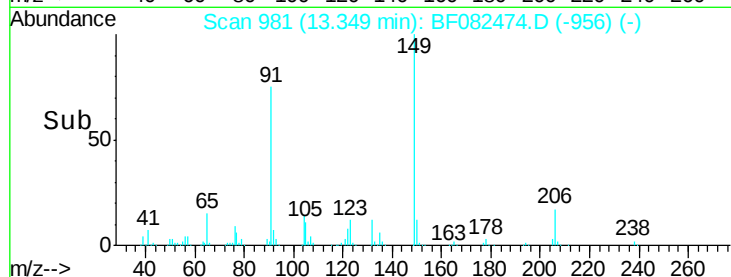
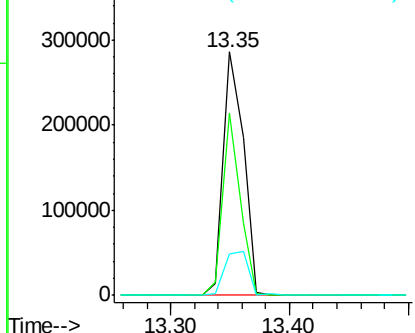
#79
Butylbenzylphthalate
Concen: 32.64 ng
RT: 13.35 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:149 Resp: 337011
Ion Ratio Lower Upper
149 100
91 74.9 55.7 83.5
206 17.1 15.6 23.4

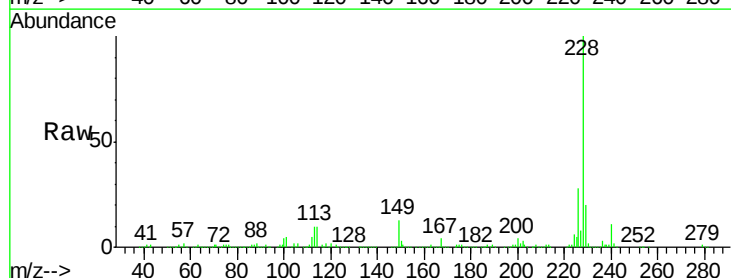


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

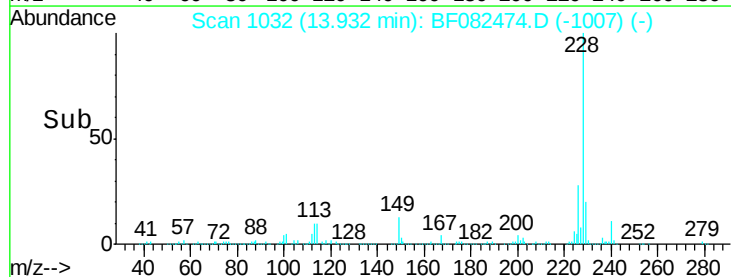
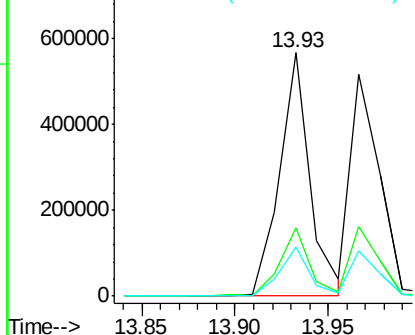


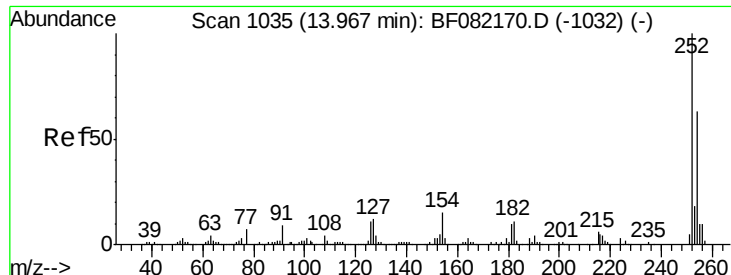
#80
Benzo(a)anthracene
Concen: 32.35 ng
RT: 13.93 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF082474.D
Acq: 23 Oct 2015 19:26

Tgt Ion:228 Resp: 641601
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 20.4 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

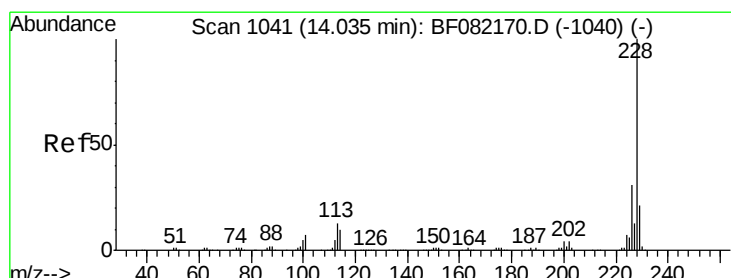
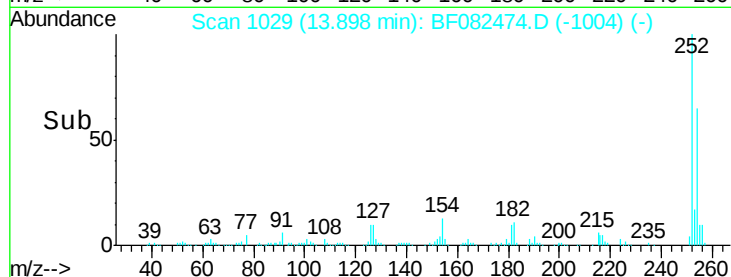
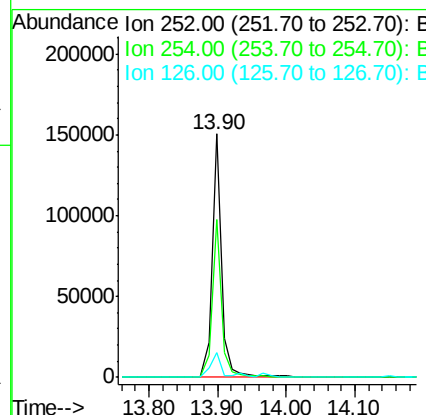
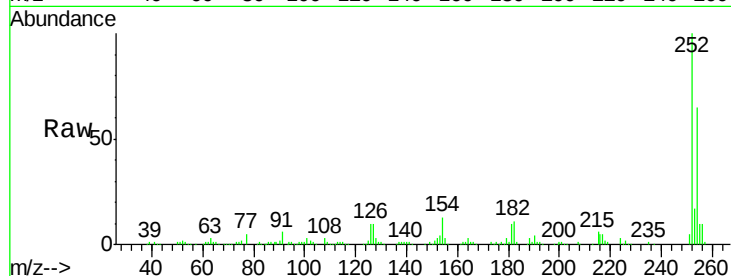




#81
 3,3'-Dichlorobenzidine
 Concen: 19.35 ng
 RT: 13.90 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

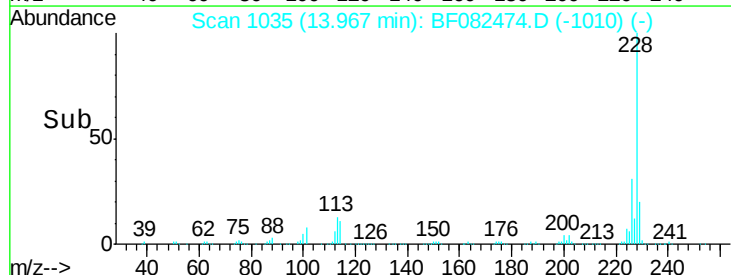
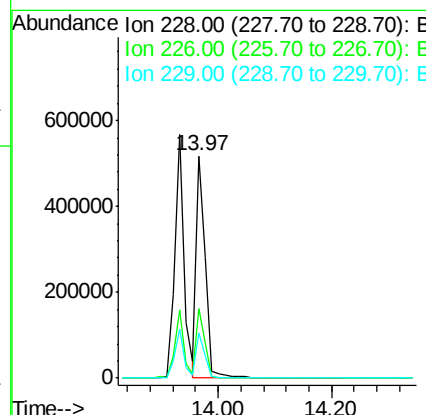
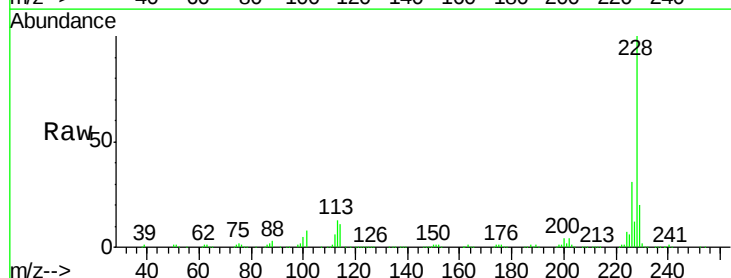
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

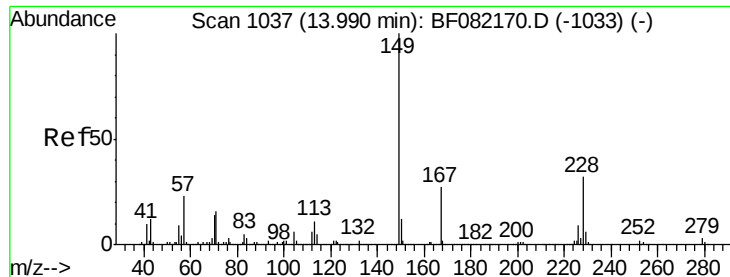
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.7	76.1
126	10.2	9.0	13.6



#82
 Chrysene
 Concen: 27.88 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.5	16.3	24.5

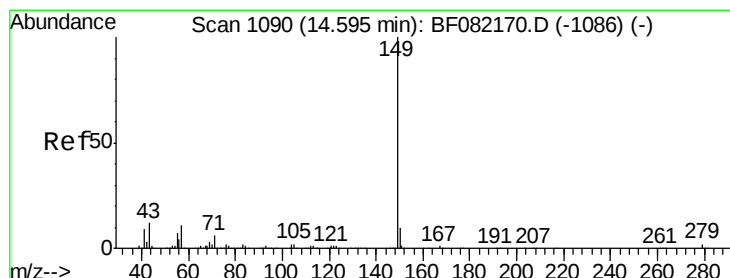
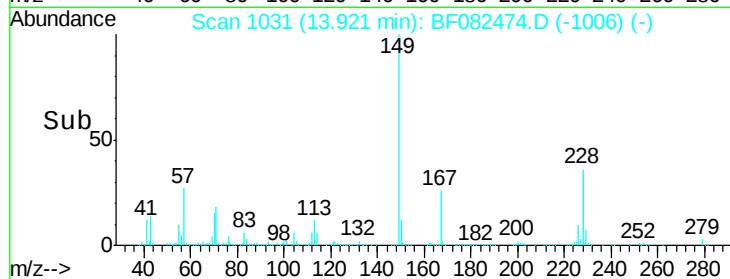
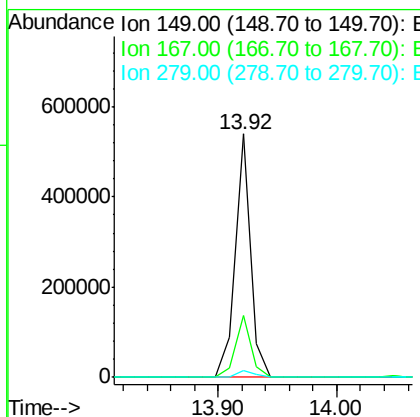
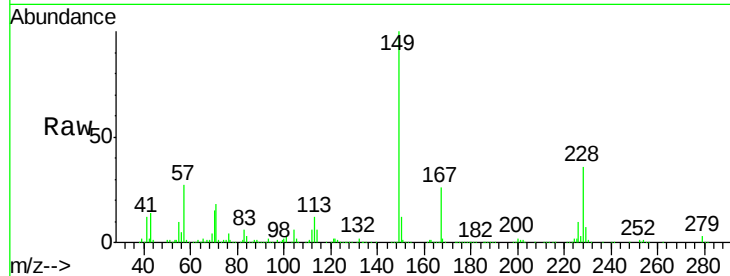




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.13 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

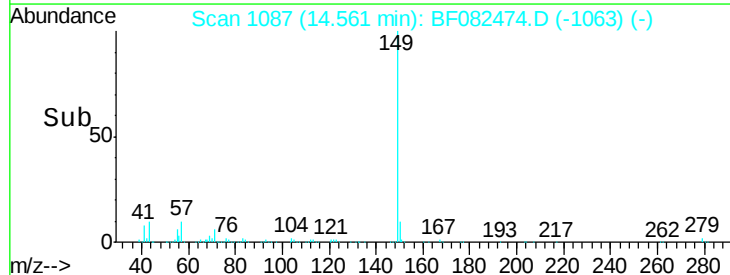
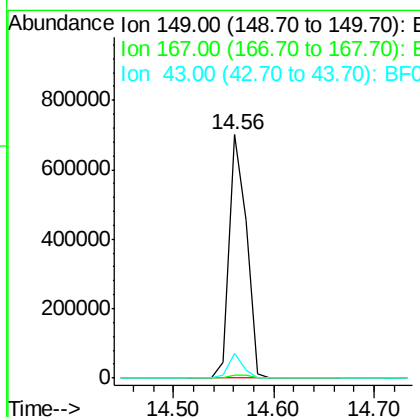
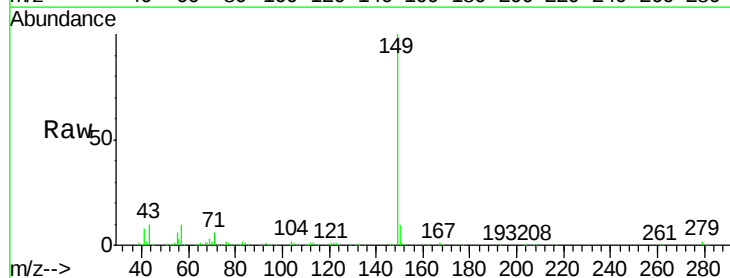
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:149 Resp: 487979
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.3 31.9
 279 2.6 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 32.98 ng
 RT: 14.56 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion:149 Resp: 834286
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 8.7 7.4 11.2

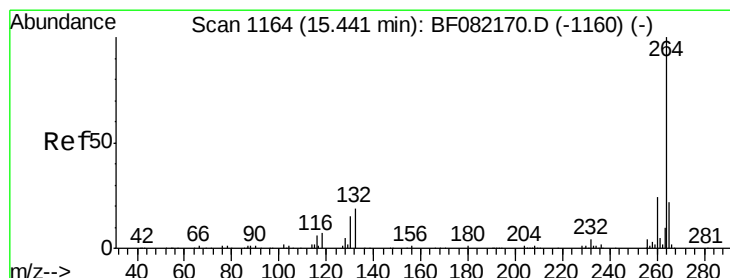
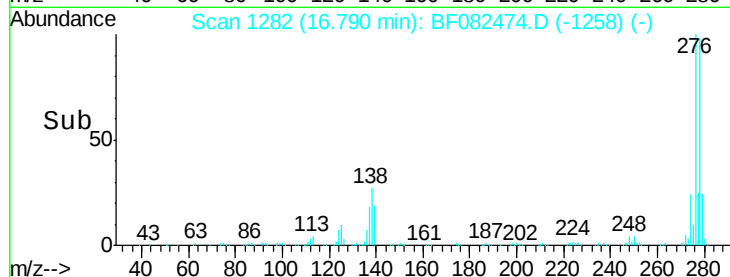
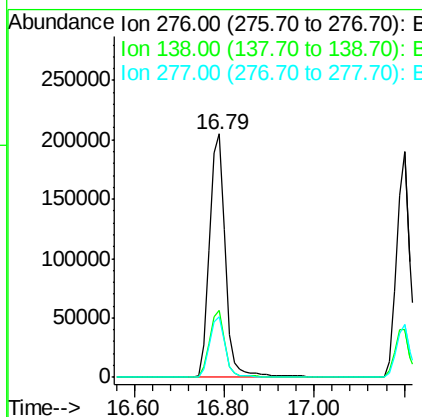
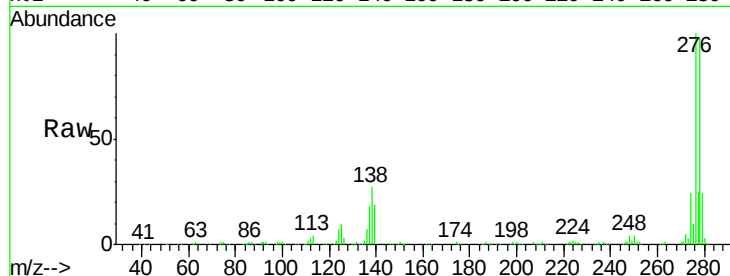




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.51 ng
 RT: 16.79 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

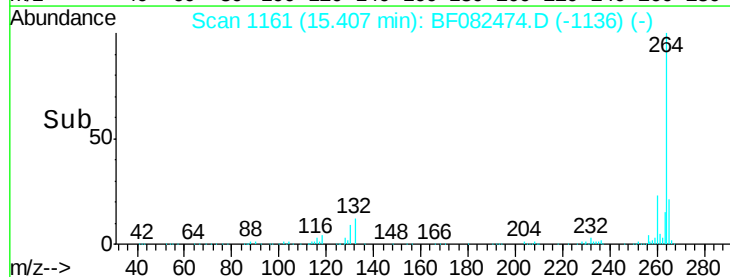
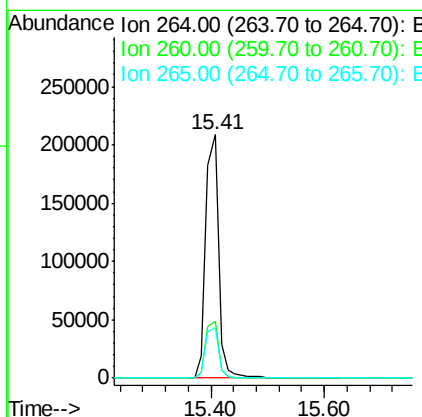
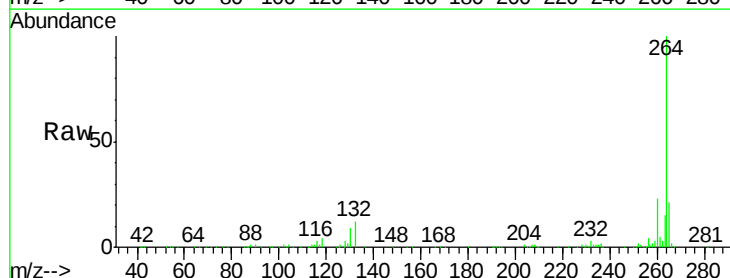
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

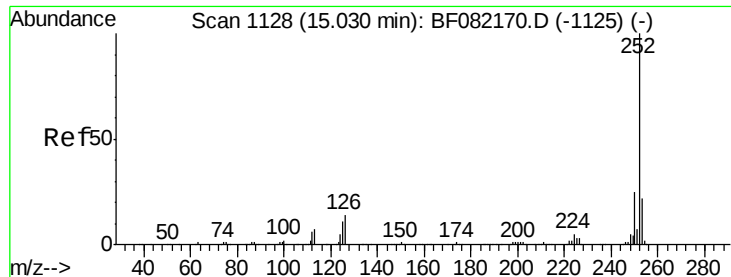
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	19.7	29.5
277	24.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 60.77 ng

RT: 15.03 min Scan# 1128

Delta R.T. 0.01 min

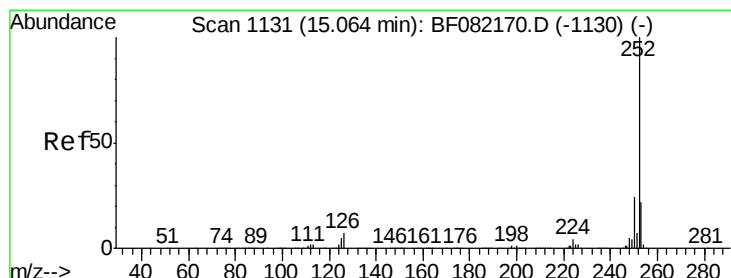
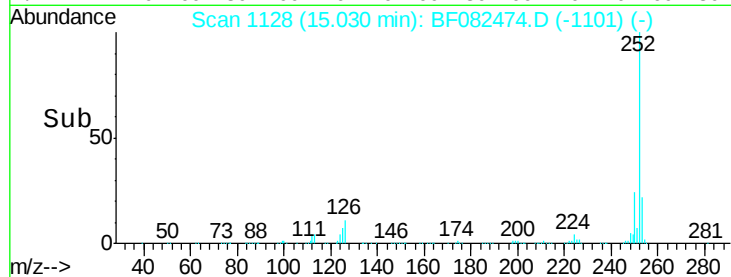
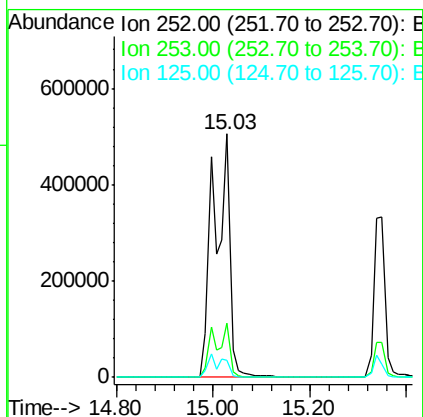
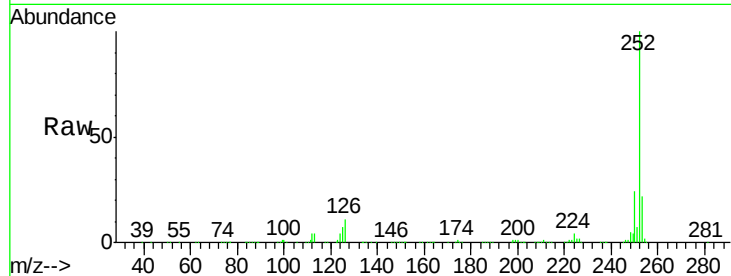
Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:252 Resp: 1171461

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	7.3	8.6	12.8#



#88

Benzo(k)fluoranthene

Concen: 72.32 ng

RT: 15.03 min Scan# 1128

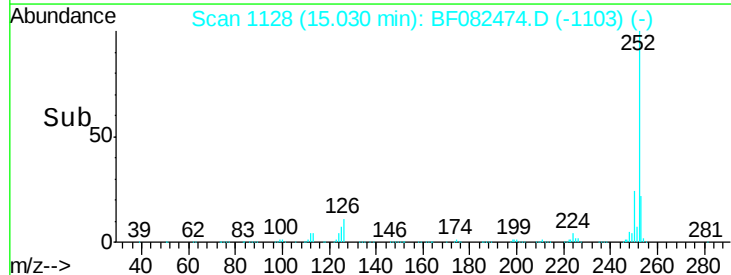
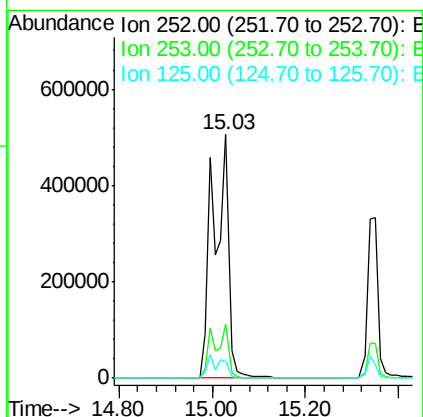
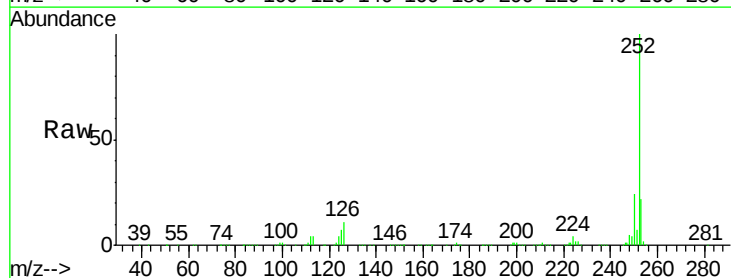
Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Tgt Ion:252 Resp: 1171890

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.3	6.7	10.1





#89

Benzo(a)pyrene

Concen: 32.51 ng

RT: 15.35 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

PB86203BS

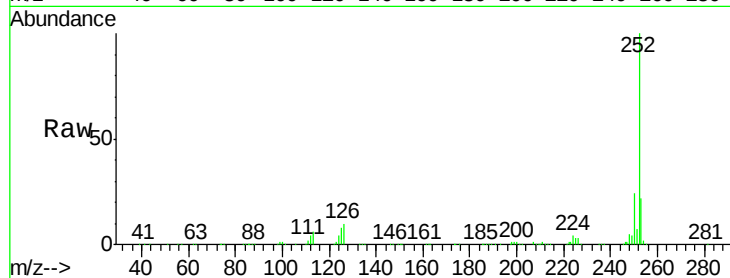
Tot Ion:252 Resp: 538587

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

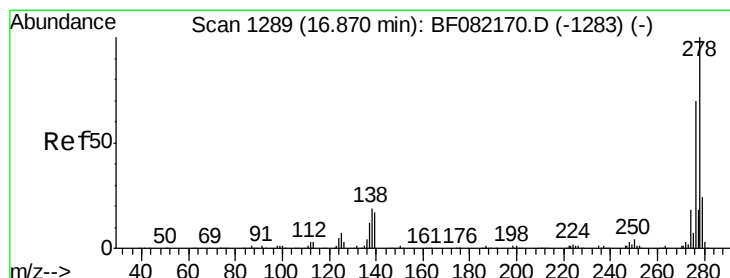
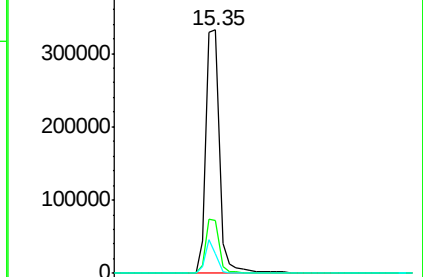
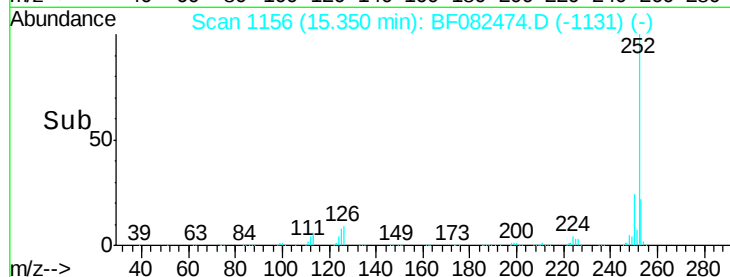
125 7.9 8.9 13.3#



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: 31.87 ng

RT: 16.80 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF082474.D

Acq: 23 Oct 2015 19:26

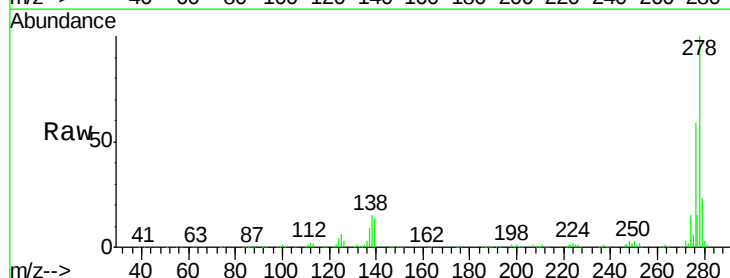
Tgt Ion:278 Resp: 432653

Ion Ratio Lower Upper

278 100

139 13.8 13.3 19.9

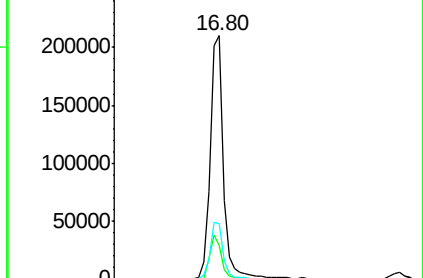
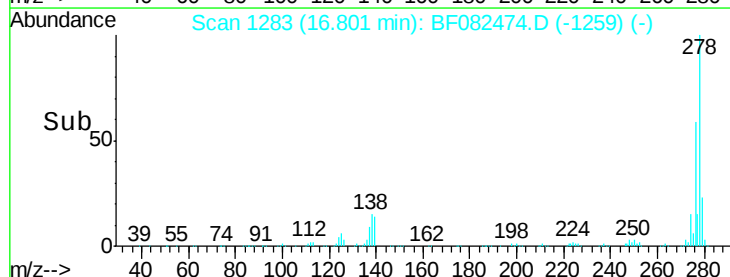
279 23.0 18.9 28.3

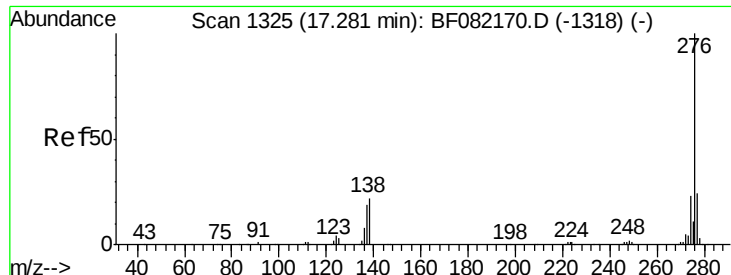


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

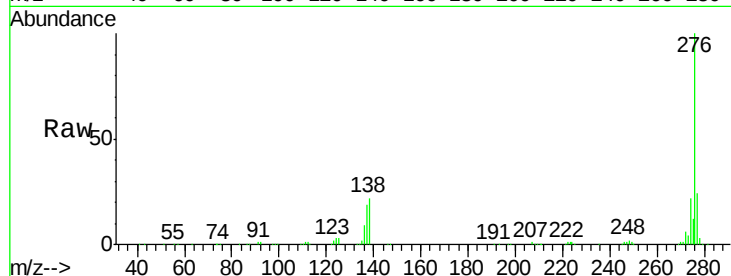




#91
 Benzo(a,h,i)perylene
 Concen: 31.36 ng
 RT: 17.20 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF082474.D
 Acq: 23 Oct 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.5	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

