

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082471.D
 Acq On : 23 Oct 2015 18:00
 Operator : UM/IZ
 Sample : PB86188BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Quant Time: Oct 24 04:49:23 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	111049	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	442205	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	230788	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	440192	20.00	ng	0.00
75) Chrysene-d12	13.97	240	383607	20.00	ng	0.01
86) Perylene-d12	15.48	264	337206	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	530410	96.40	ng	0.01
7) Phenol-d6	6.41	99	696997	97.34	ng	0.00
23) Nitrobenzene-d5	7.33	82	413600	62.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	161626	74.68	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	921737	66.23	ng	0.00
78) Terphenyl-d14	12.88	244	904357	62.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	66928	24.21	ng	96
3) Pyridine	3.04	79	191326	29.76	ng	99
4) n-Nitrosodimethylamine	3.02	42	74800	27.43	ng	94
6) Aniline	6.42	93	153497	16.63	ng	# 1
8) 2-Chlorophenol	6.54	128	198964	29.62	ng	# 81
9) Benzaldehyde	6.30	77	73269	20.04	ng	96
10) Phenol	6.42	94	263136	31.87	ng	99
11) bis(2-Chloroethyl)ether	6.49	93	192523	27.58	ng	92
12) 1,3-Dichlorobenzene	6.69	146	221623	28.33	ng	96
13) 1,4-Dichlorobenzene	6.77	146	228697	27.99	ng	97
14) 1,2-Dichlorobenzene	6.77	146	230199	29.68	ng	96
15) Benzyl Alcohol	6.90	79	156286	31.62	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	280401	28.84	ng	83
17) 2-Methylphenol	7.03	107	167434	31.52	ng	94
18) Hexachloroethane	7.26	117	79439	28.41	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	148565	29.54	ng	# 90
20) 3+4-Methylphenols	7.19	107	208508	32.94	ng	# 60
22) Acetophenone	7.18	105	279431	31.94	ng	# 87
24) Nitrobenzene	7.35	77	215691	30.26	ng	90
25) Isophorone	7.59	82	397139	29.88	ng	97
26) 2-Nitrophenol	7.67	139	109982	30.90	ng	94
27) 2,4-Dimethylphenol	7.71	122	195979	34.18	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	239944	31.03	ng	99
29) 2,4-Dichlorophenol	7.91	162	183834	32.07	ng	94
30) 1,2,4-Trichlorobenzene	7.99	180	199176	30.15	ng	98
31) Naphthalene	8.07	128	598454	31.22	ng	99
32) Benzoic acid	7.85	122	96033	24.95	ng	95
33) 4-Chloroaniline	8.13	127	111632	14.02	ng	98
34) Hexachlorobutadiene	8.18	225	117424	28.52	ng	96
35) Caprolactam	8.50	113	42730	25.69	ng	90
36) 4-Chloro-3-methylphenol	8.62	107	179892	32.09	ng	96
37) 2-Methylnaphthalene	8.75	142	401168	30.19	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	209215	30.48	ng	98
40) Hexachlorocyclopentadiene	8.90	237	127840	41.29	ng	96

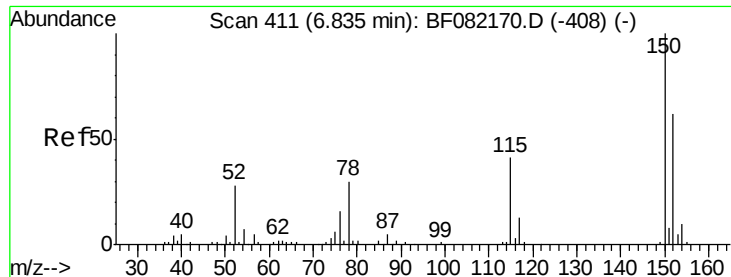
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082471.D
 Acq On : 23 Oct 2015 18:00
 Operator : UM/IZ
 Sample : PB86188BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	127450	27.95	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	138422	28.03	nq	96
45) 1,1'-Biphenyl	9.22	154	493006	28.01	nq	99
46) 2-Chloronaphthalene	9.25	162	388656	28.05	nq	# 93
47) 2-Nitroaniline	9.36	65	120490	31.68	nq	# 73
48) Acenaphthylene	9.67	152	657891	30.48	nq	99
49) Dimethylphthalate	9.53	163	473720	29.15	nq	100
50) 2,6-Dinitrotoluene	9.60	165	107926	31.47	nq	# 88
51) Acenaphthene	9.84	154	385212	29.73	nq	98
52) 3-Nitroaniline	9.77	138	58684	15.15	nq	99
53) 2,4-Dinitrophenol	9.89	184	90899	50.04	nq	93
54) Dibenzofuran	10.01	168	582869	32.77	nq	98
55) 4-Nitrophenol	9.95	139	111166	49.08	nq	90
56) 2,4-Dinitrotoluene	10.01	165	134084	31.28	nq	90
57) Fluorene	10.35	166	493332	33.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	117295	29.07	nq	95
59) Diethylphthalate	10.23	149	466522	30.80	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	210782	31.50	nq	98
61) 4-Nitroaniline	10.39	138	106452	28.33	nq	97
62) Azobenzene	10.50	77	460240	31.04	nq	99
64) 4,6-Dinitro-2-methylphenol	10.41	198	72251	29.25	nq	# 51
65) n-Nitrosodiphenylamine	10.47	169	405005	30.73	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	133221	30.24	nq	97
67) Hexachlorobenzene	10.90	284	133808	28.08	nq	98
68) Atrazine	11.01	200	142380	34.10	nq	93
69) Pentachlorophenol	11.10	266	124472	50.77	nq	96
70) Phenanthrene	11.31	178	693929	32.16	nq	100
71) Anthracene	11.37	178	715900	32.20	nq	99
72) Carbazole	11.53	167	642852	31.69	nq	98
73) Di-n-butylphthalate	11.85	149	755130	30.18	nq	100
74) Fluoranthene	12.50	202	719460	31.05	nq	98
76) Benzidine	12.64	184	243217	21.88	nq	98
77) Pyrene	12.73	202	720157	31.63	nq	99
79) Butylbenzylphthalate	13.36	149	323043	31.09	nq	91
80) Benzo(a)anthracene	13.96	228	603046	30.21	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	149672	19.76	nq	99
82) Chrysene	14.00	228	630185	29.96	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	467203	31.52	nq	# 96
84) Di-n-octyl phthalate	14.62	149	809958	31.82	nq	99
85) Indeno(1,2,3-cd)pyrene	16.86	276	508146	30.40	nq	98
87) Benzo(b)fluoranthene	15.06	252	579434	28.24	nq	98
88) Benzo(k)fluoranthene	15.06	252	579434	33.60	nq	99
89) Benzo(a)pyrene	15.41	252	546637	31.00	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	434672	30.08	nq	98
91) Benzo(g,h,i)perylene	17.28	276	419361	29.88	nq	99

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

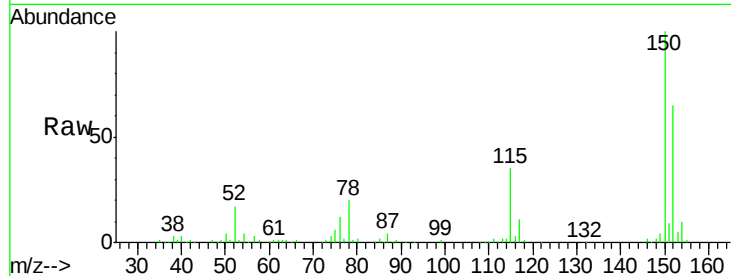


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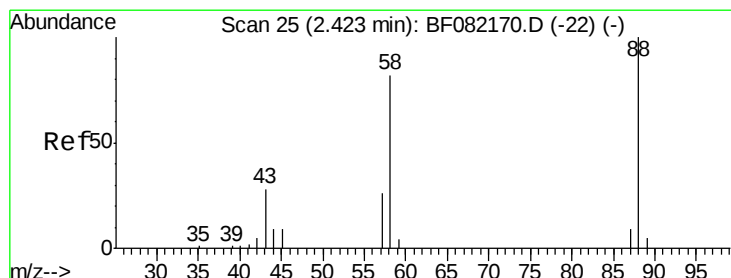
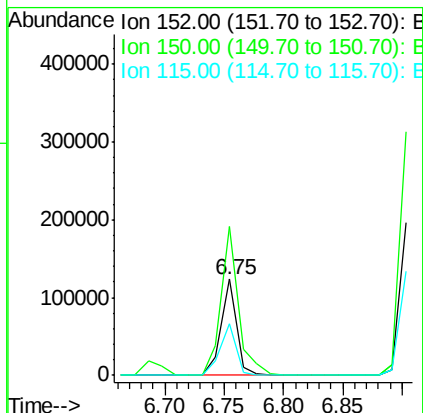
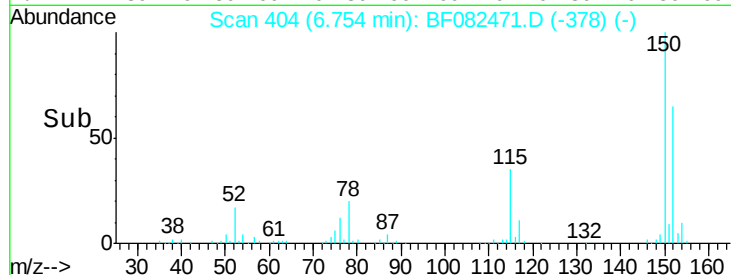
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Tot Ion:152 Resp: 111049
 Ion Ratio Lower Upper
 152 100
 150 154.1 129.0 193.4
 115 53.7 52.1 78.1



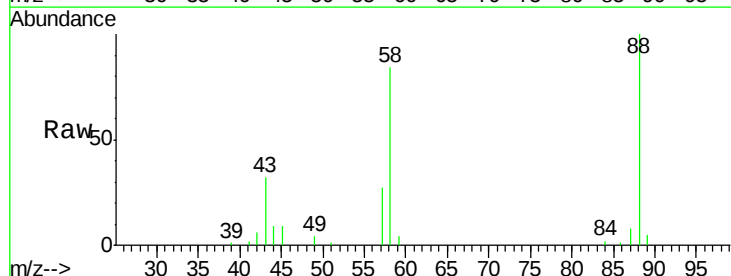
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



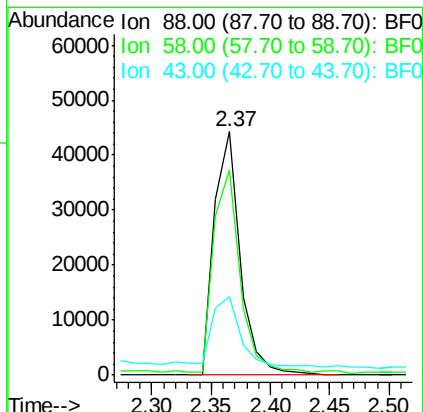
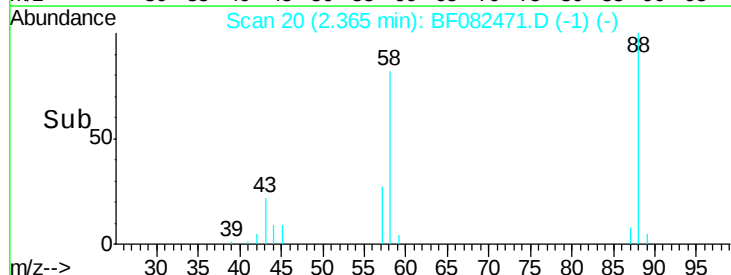
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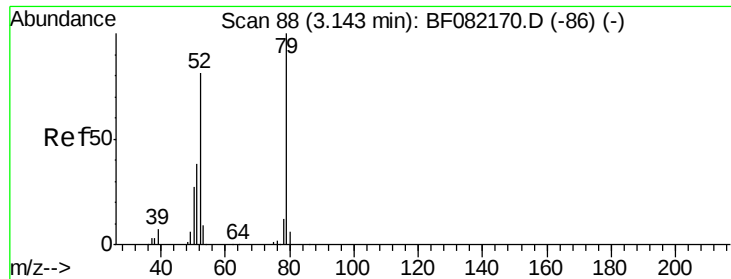
1,4-Dioxane
 Concen: 24.21 ng
 RT: 2.37 min Scan# 20
 Delta R.T. 0.10 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion: 88 Resp: 66928
 Ion Ratio Lower Upper
 88 100
 58 84.9 66.2 99.4
 43 34.0 23.0 34.4



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





#3

Pvridine

Concen: 29.76 ng

RT: 3.04 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

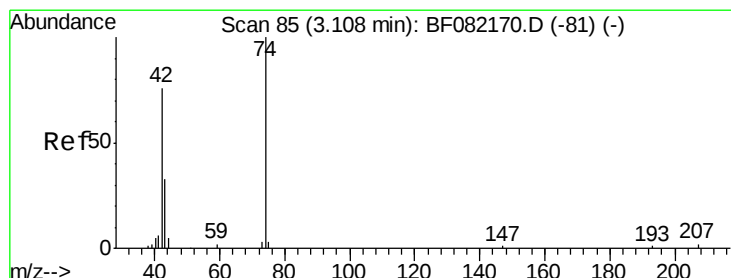
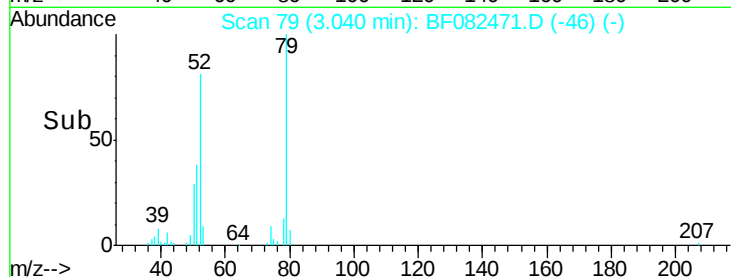
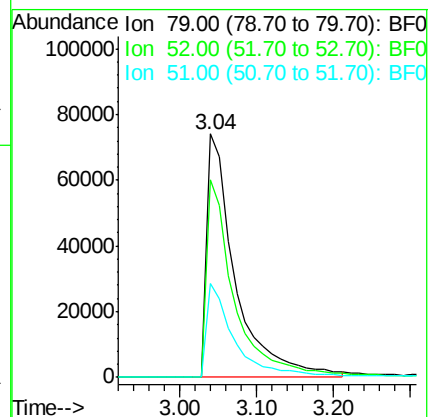
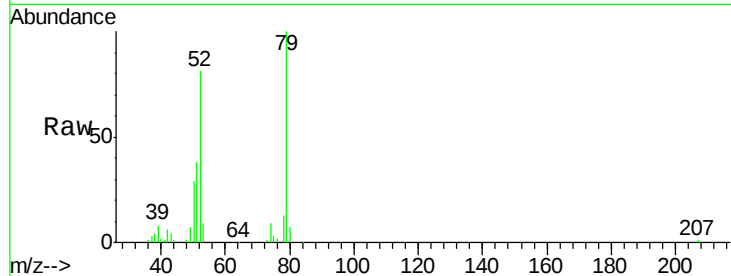
Tot Ion: 79 Resp: 191326

Ion Ratio Lower Upper

79 100

52 81.4 64.4 96.6

51 38.4 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 27.43 ng

RT: 3.02 min Scan# 77

Delta R.T. 0.08 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

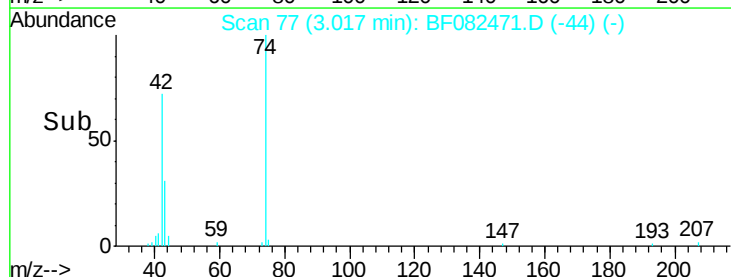
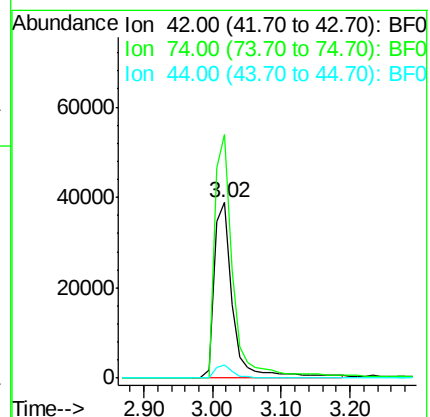
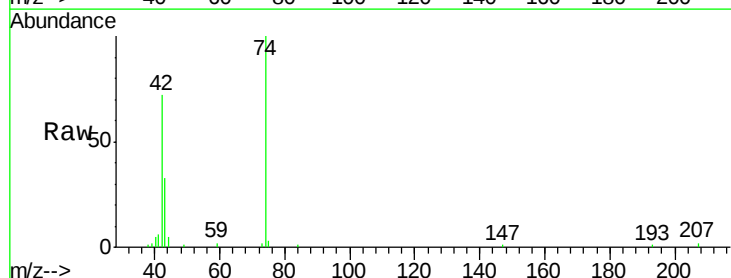
Tgt Ion: 42 Resp: 74800

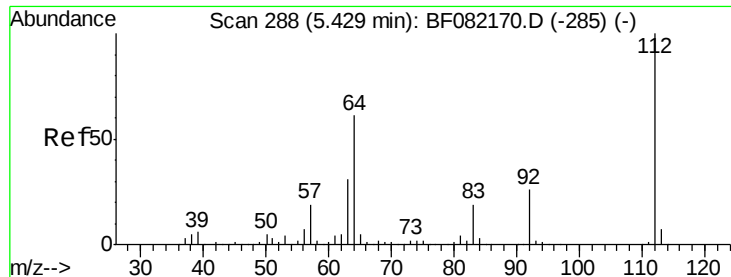
Ion Ratio Lower Upper

42 100

74 139.0 105.7 158.5

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 96.40 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

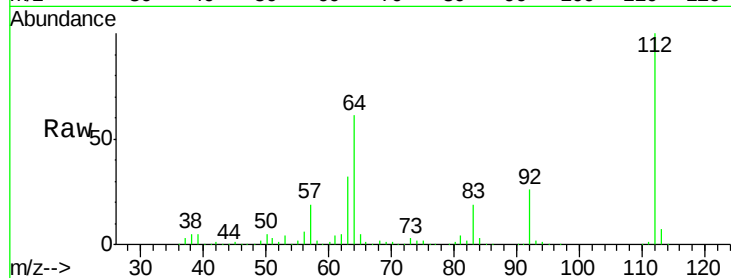
Tot Ion:112 Resp: 530410

Ion Ratio Lower Upper

112 100

64 61.2 48.6 73.0

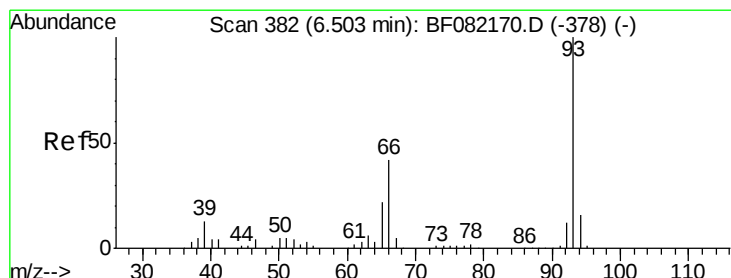
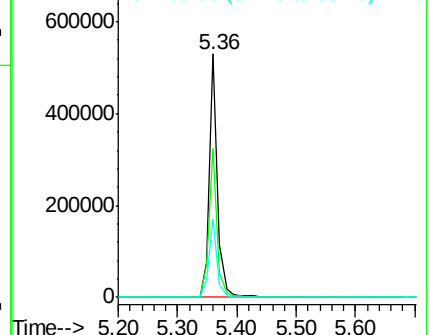
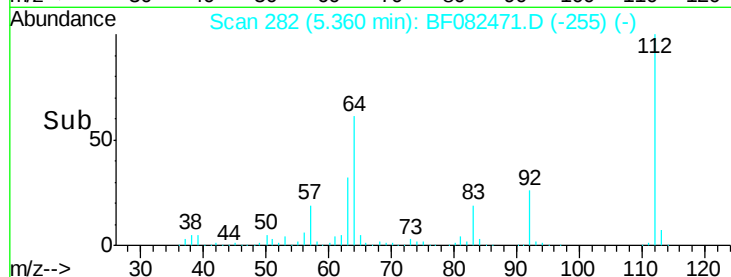
63 32.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.63 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

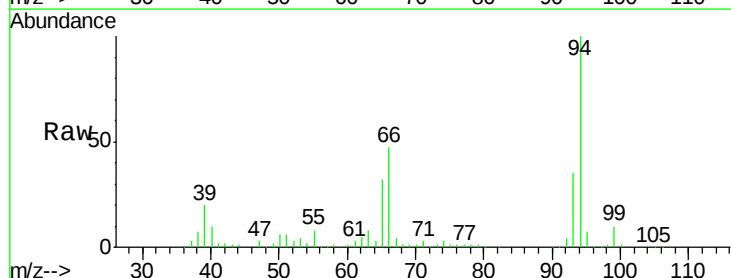
Tgt Ion: 93 Resp: 153497

Ion Ratio Lower Upper

93 100

66 136.8 34.2 51.2#

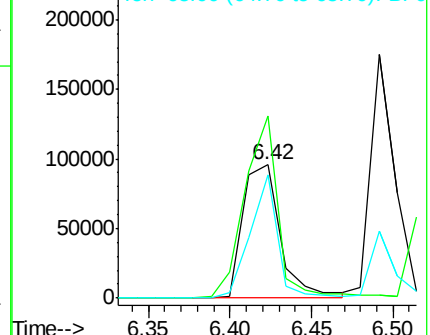
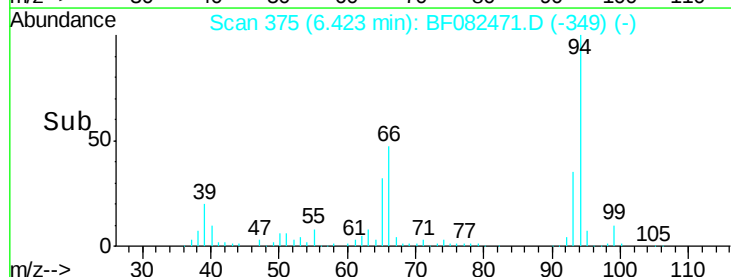
65 92.5 17.9 26.9#



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: 97.34 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

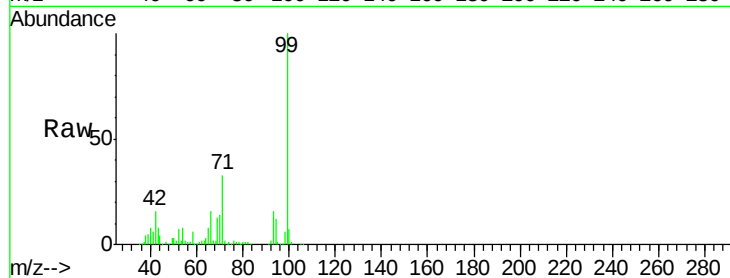
Tot Ion: 99 Resp: 696997

Ion Ratio Lower Upper

99 100

42 16.5 13.2 19.8

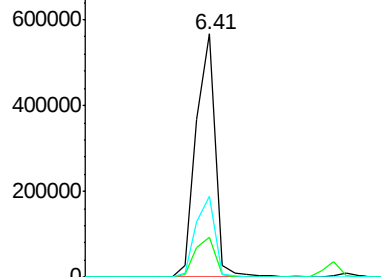
71 33.2 25.6 38.4



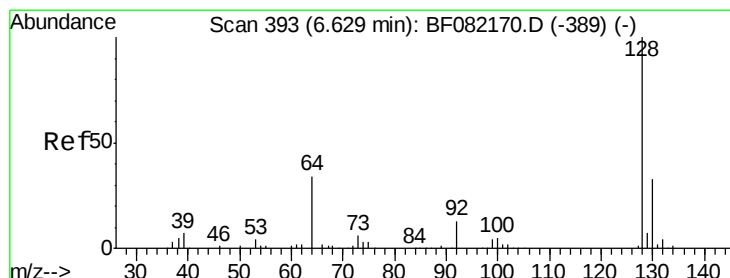
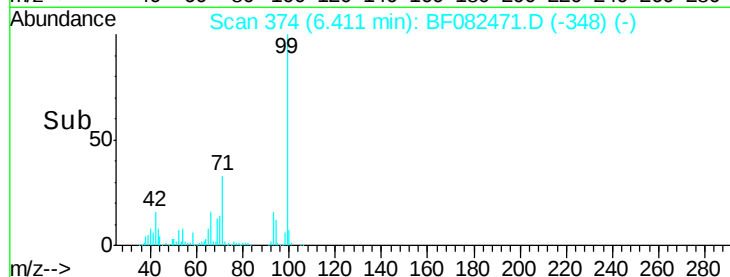
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time--> 6.30 6.40 6.50



#8

2-Chlorophenol

Concen: 29.62 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

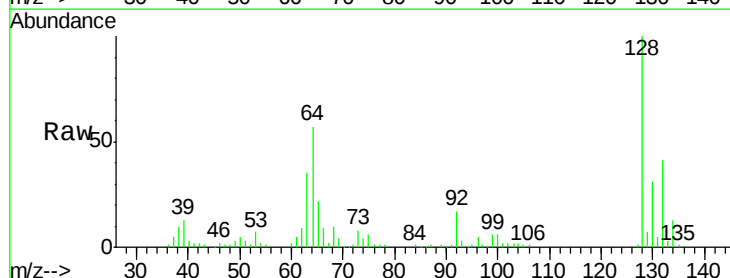
Tgt Ion: 128 Resp: 198964

Ion Ratio Lower Upper

128 100

130 31.5 12.6 52.6

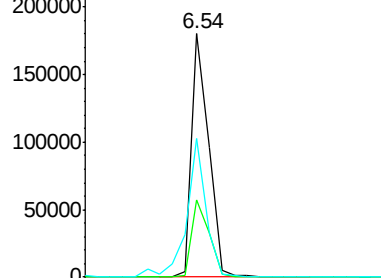
64 56.8 16.7 56.7#



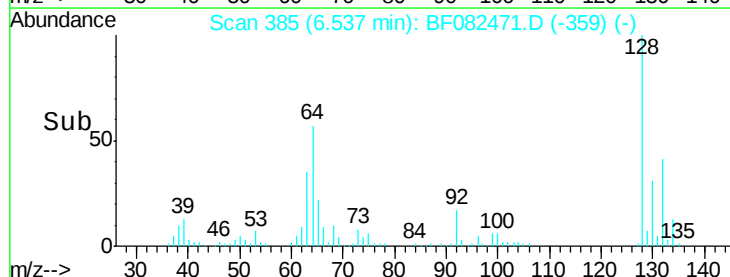
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time--> 6.50 6.60





#9

Benzaldehyde

Concen: 20.04 ng

RT: 6.30 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampled :

PB86188BS

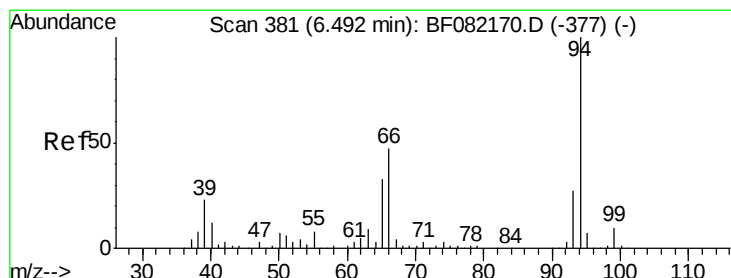
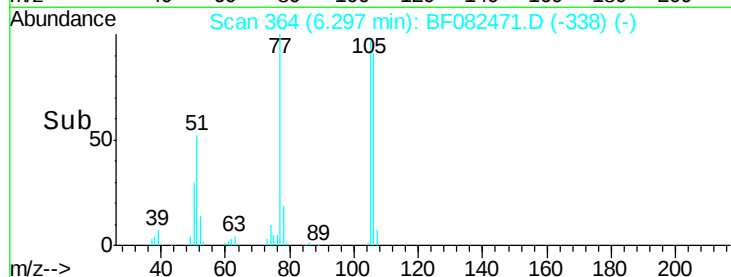
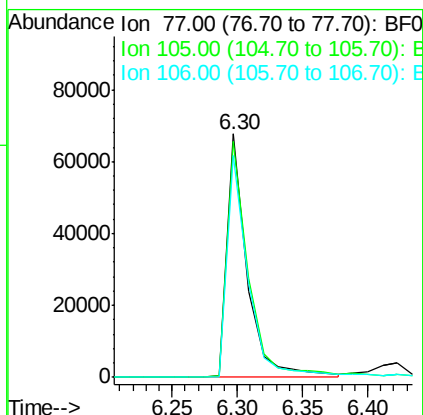
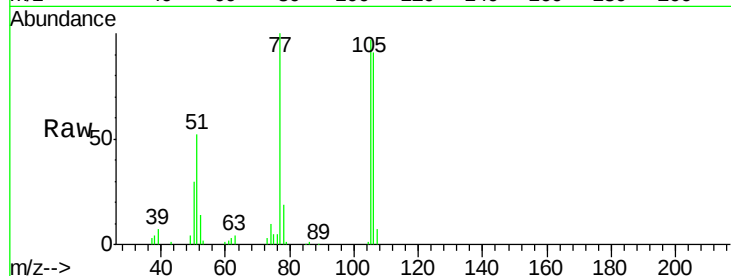
Tot Ion: 77 Resp: 73269

Ion Ratio Lower Upper

77 100

105 96.8 80.6 120.6

106 90.9 75.5 115.5



#10

Phenol

Concen: 31.87 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

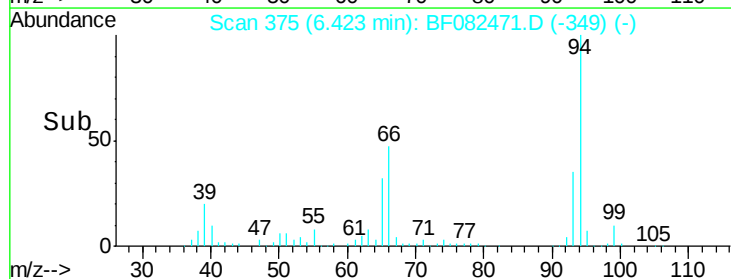
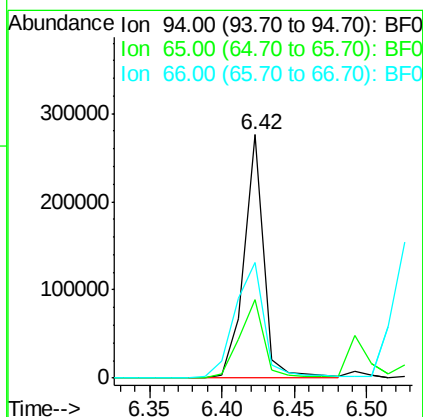
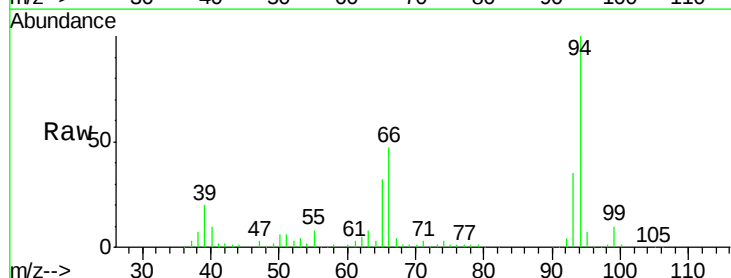
Tgt Ion: 94 Resp: 263136

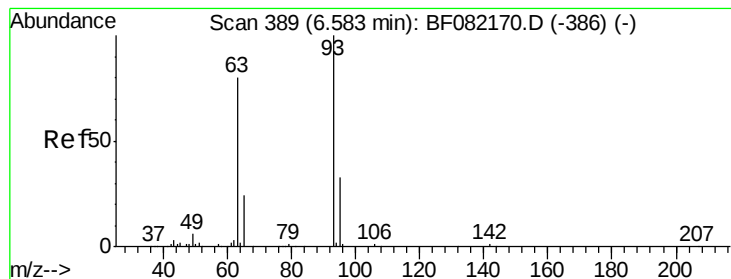
Ion Ratio Lower Upper

94 100

65 32.1 12.6 52.6

66 47.5 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 27.58 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

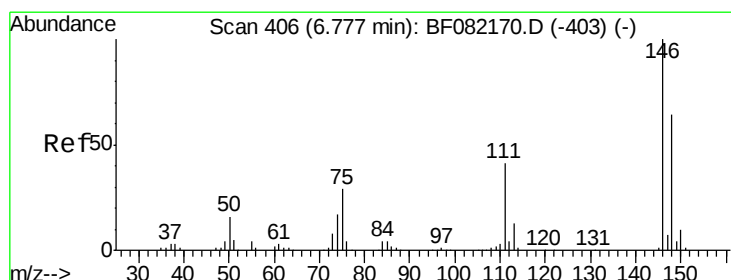
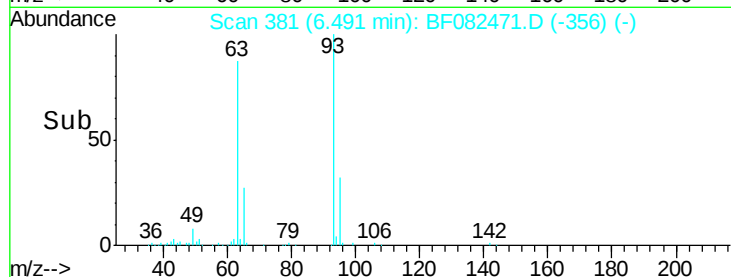
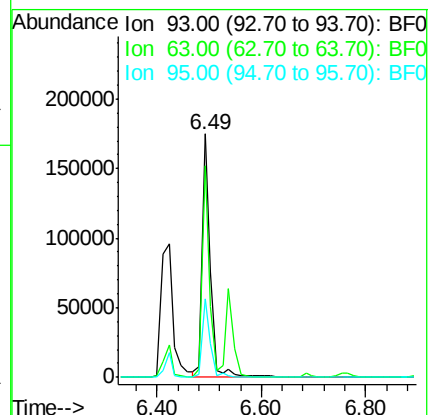
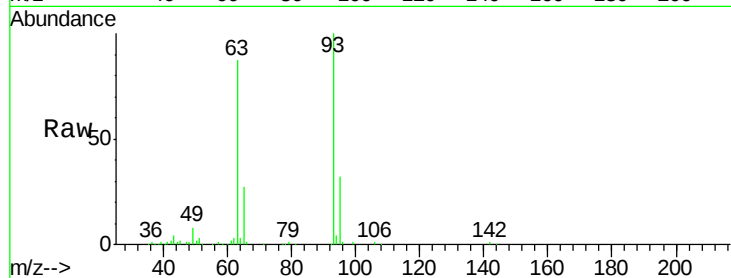
Tot Ion: 93 Resp: 192523

Ion Ratio Lower Upper

93 100

63 87.1 57.1 97.1

95 32.5 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 28.33 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

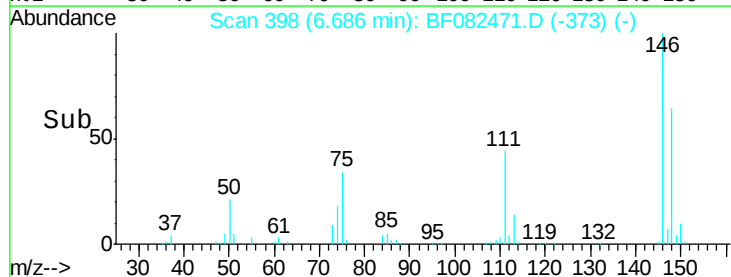
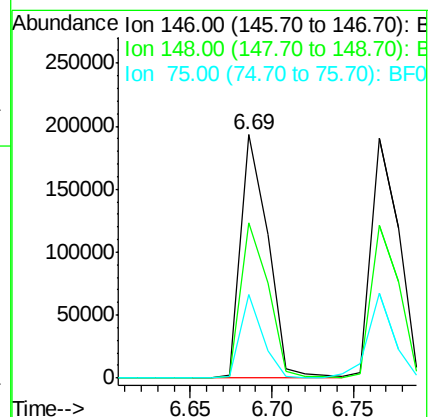
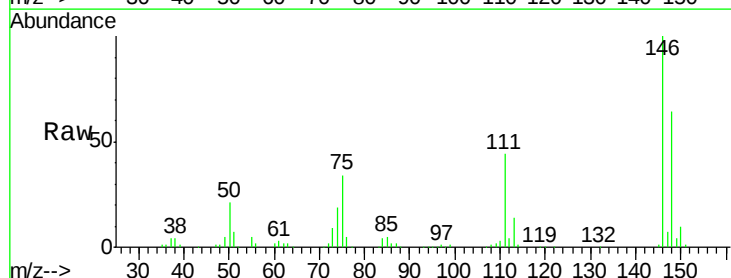
Tgt Ion: 146 Resp: 221623

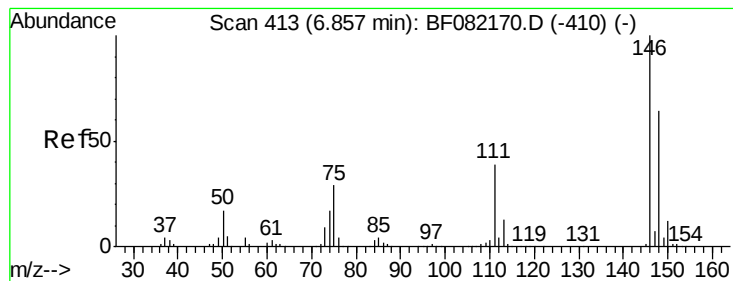
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

75 34.4 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 27.99 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

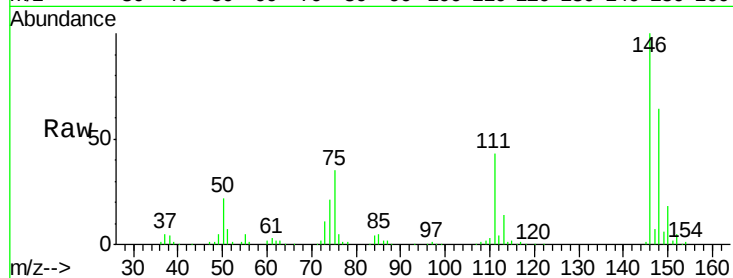
Tot Ion:146 Resp: 228697

Ion Ratio Lower Upper

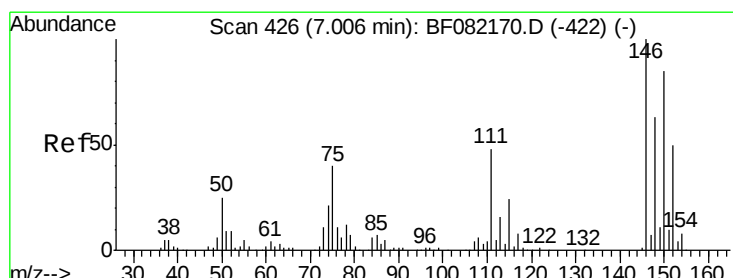
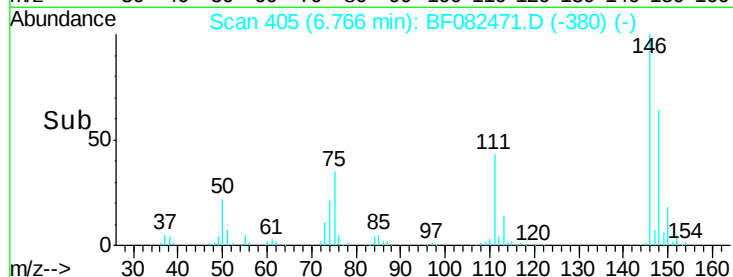
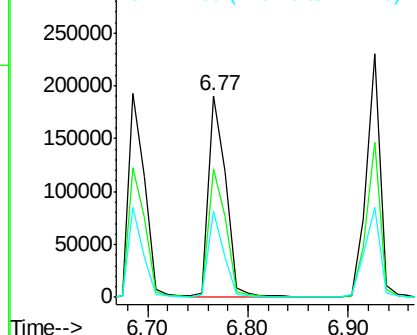
146 100

148 63.6 51.0 76.4

111 42.9 31.1 46.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.68 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.16 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

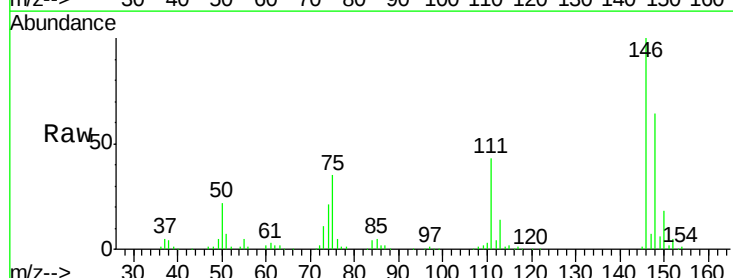
Tgt Ion:146 Resp: 230199

Ion Ratio Lower Upper

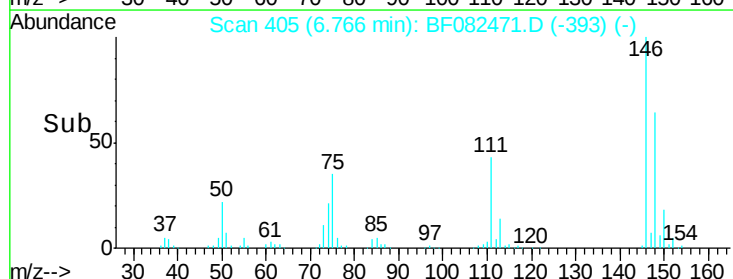
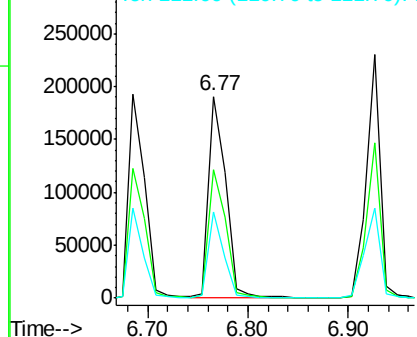
146 100

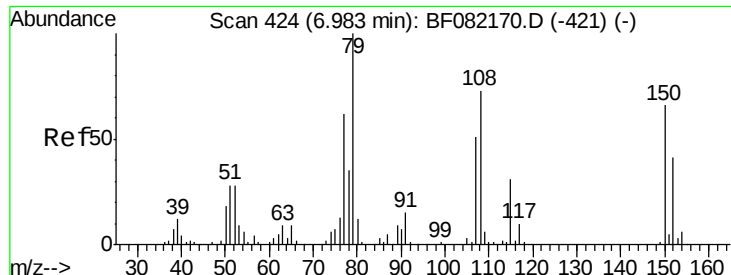
148 63.6 50.5 75.7

111 42.9 38.5 57.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.62 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampled :

PB86188BS

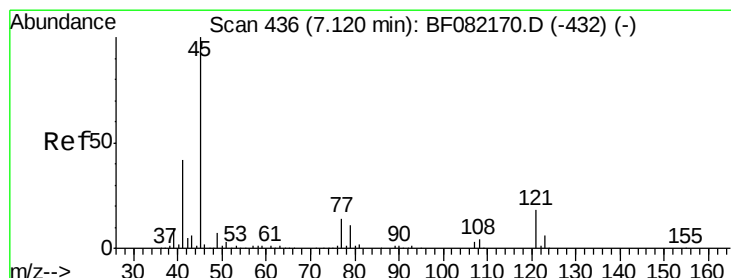
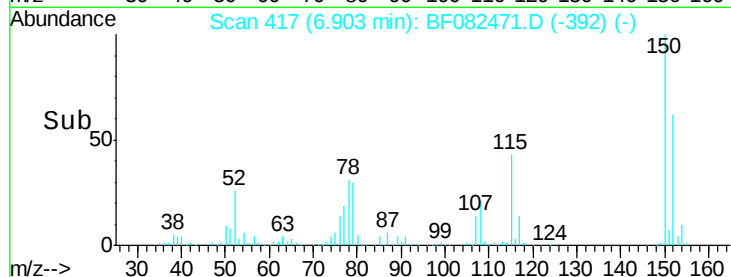
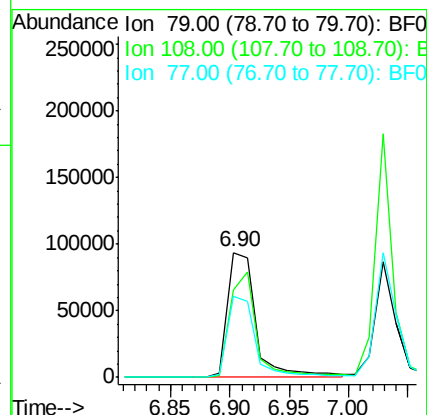
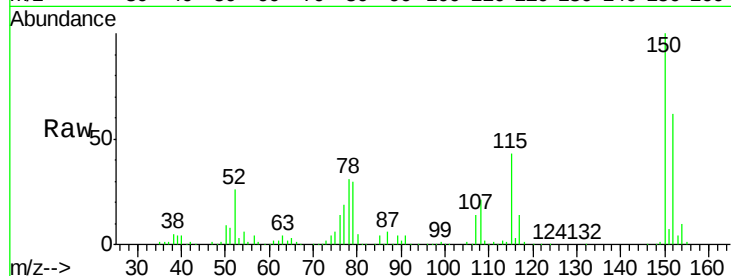
Tot Ion: 79 Resp: 156286

Ion Ratio Lower Upper

79 100

108 69.5 58.4 87.6

77 64.7 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.84 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

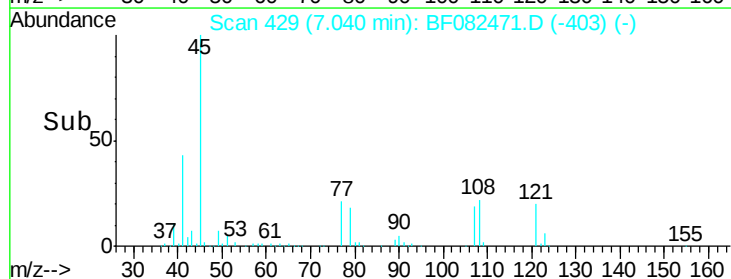
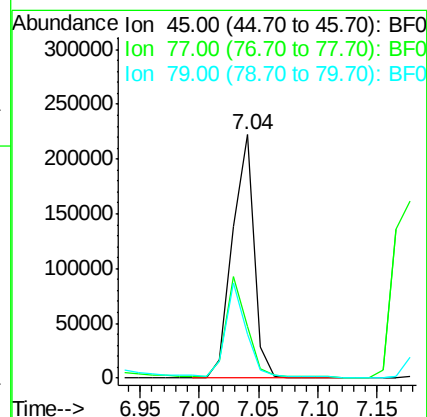
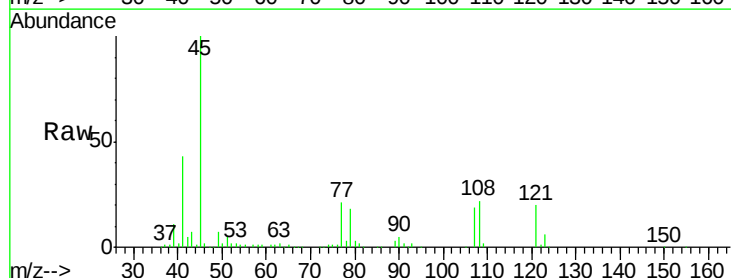
Tgt Ion: 45 Resp: 280401

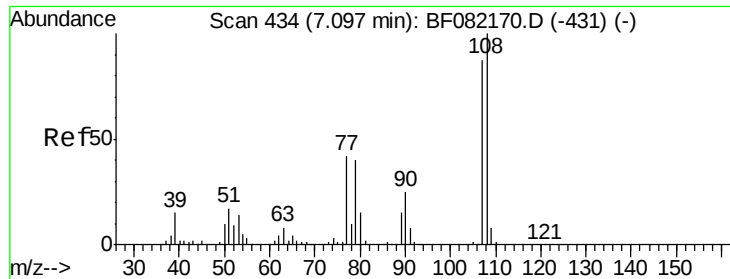
Ion Ratio Lower Upper

45 100

77 21.1 0.0 34.5

79 18.1 0.0 31.6





#17

2-Methylphenol

Concen: 31.52 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

Tot Ion:107 Resp: 167434

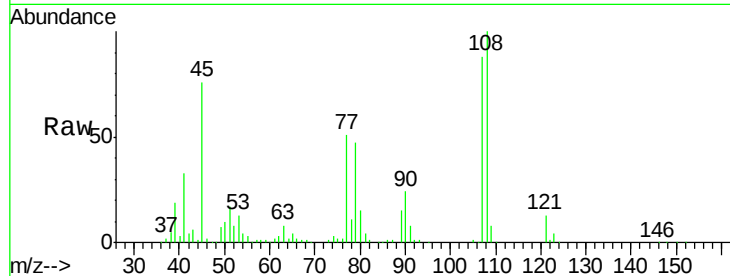
Ion Ratio Lower Upper

107 100

108 113.5 92.2 138.2

77 57.8 39.6 59.4

79 53.9 38.2 57.4

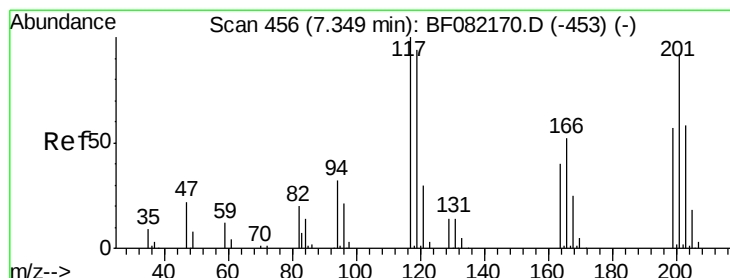
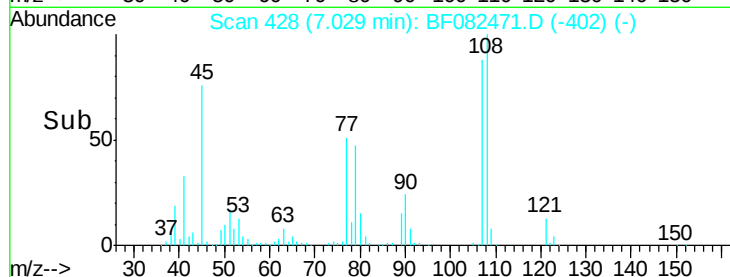
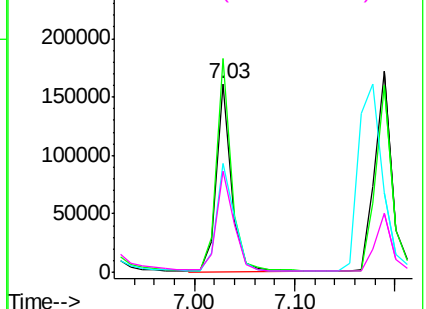


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.41 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

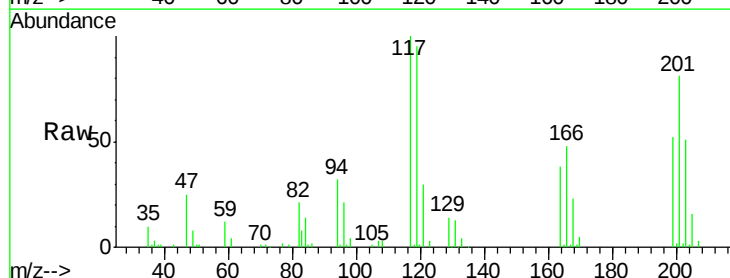
Tgt Ion:117 Resp: 79439

Ion Ratio Lower Upper

117 100

119 95.0 75.4 113.2

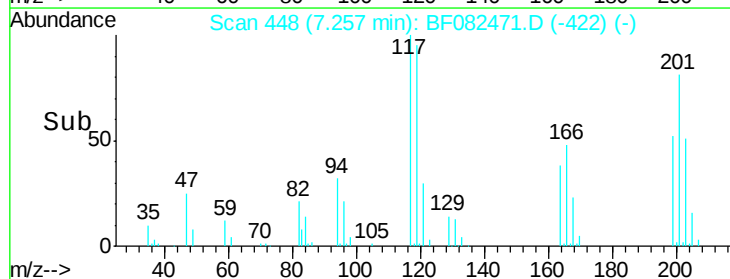
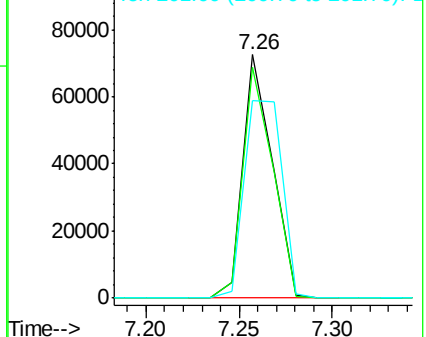
201 81.1 73.4 110.0

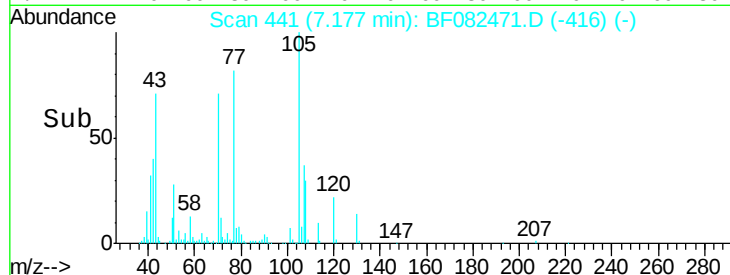
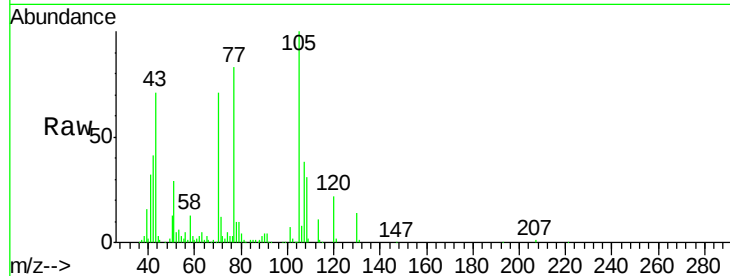
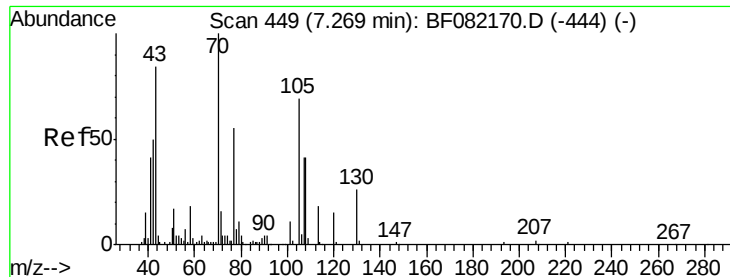


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

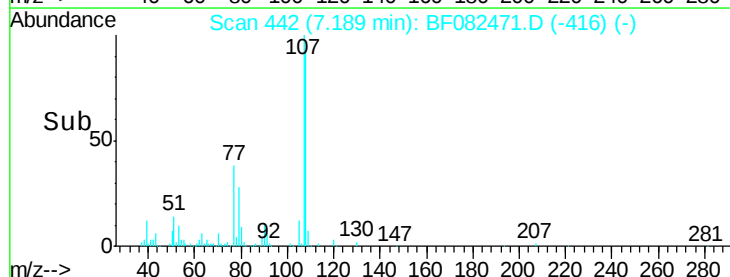
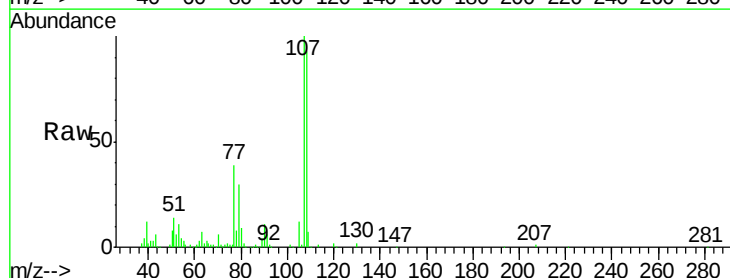
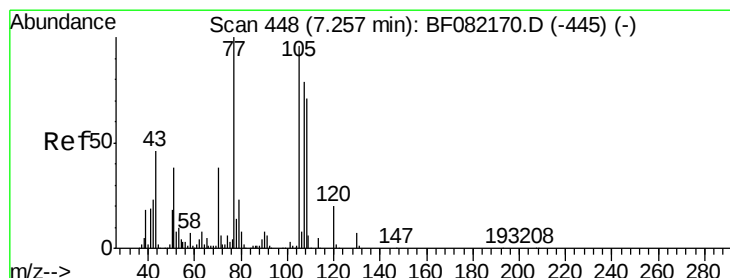
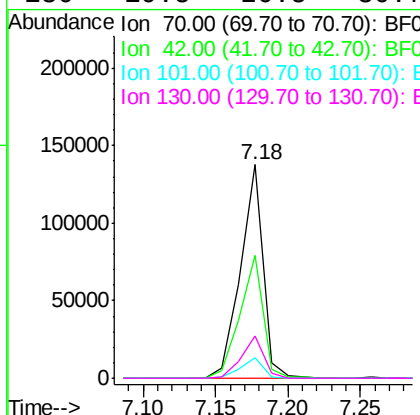




#19
n-Nitroso-di-n-propylamine
Concen: 29.54 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

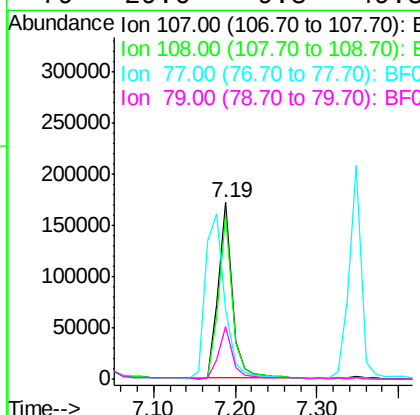
Instrument :
BNA_F
ClientSampleId :
PB86188BS

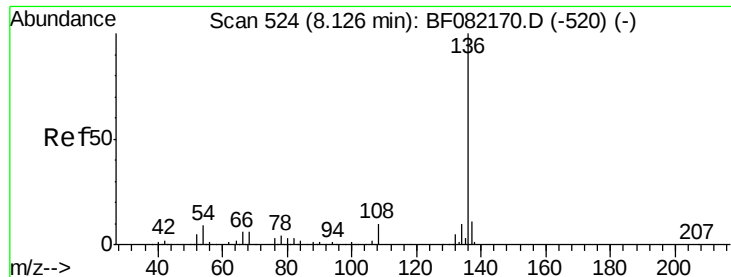
Tot Ion:	70	Resp:	148565
Ion	Ratio	Lower	Upper
70	100		
42	57.3	39.8	59.8
101	9.8	8.6	13.0
130	19.5	20.5	30.7#



#20
3+4-Methylphenols
Concen: 32.94 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:	107	Resp:	208508
Ion	Ratio	Lower	Upper
107	100		
108	92.7	69.9	109.9
77	39.3	106.0	146.0#
79	29.6	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: BF082471.D

Acq: 23 Oct 2015 18:00

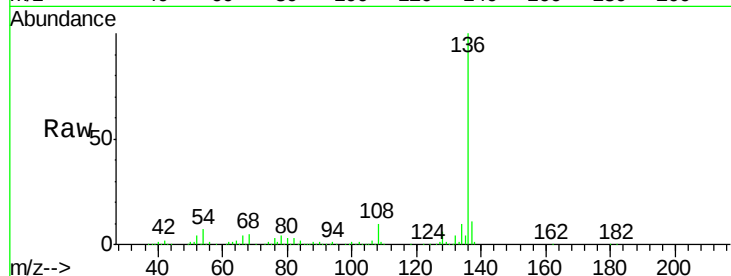
Instrument :

BNA_F

ClientSampleId :

PB86188BS

Tot Ion:136	Resp:	442205
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.6
54	7.2	7.5 11.3#
68	4.8	4.6 7.0



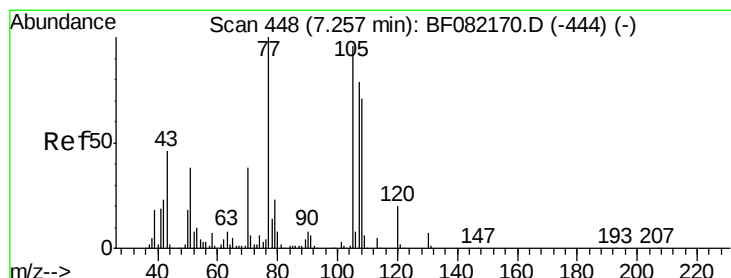
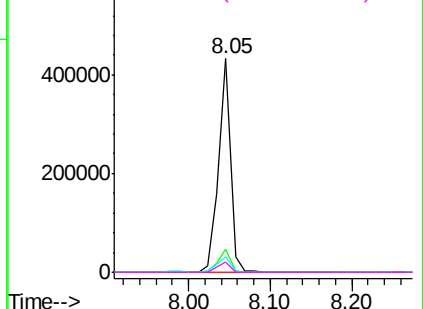
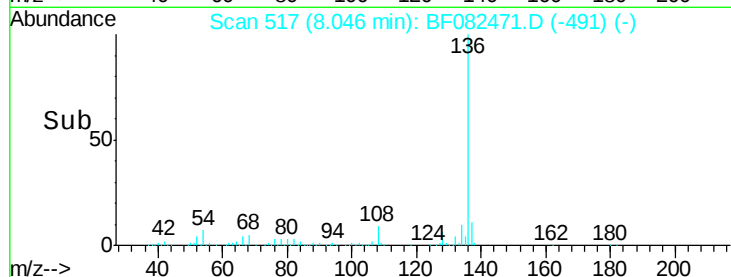
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 31.94 ng

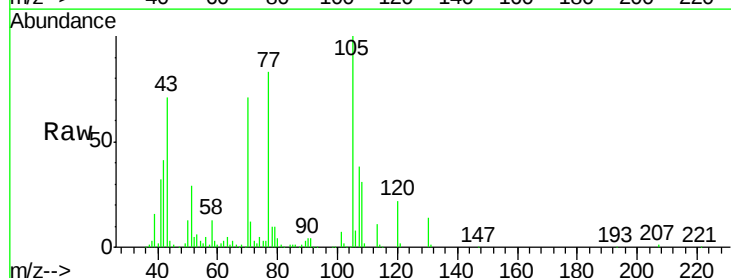
RT: 7.18 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Tgt Ion:105	Resp:	279431
Ion	Ratio	Lower Upper
105	100	
71	11.8	5.4 8.0#
51	29.0	31.8 47.6#
120	21.6	16.3 24.5



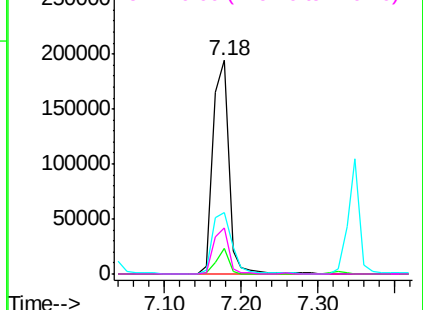
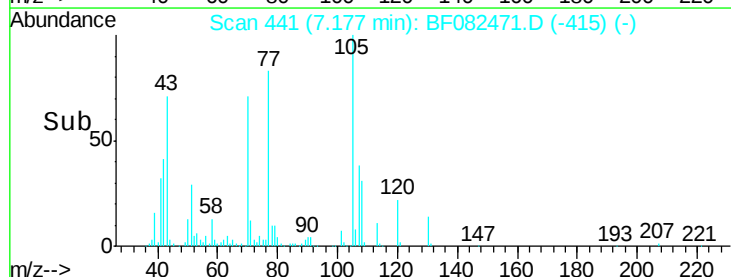
Abundance

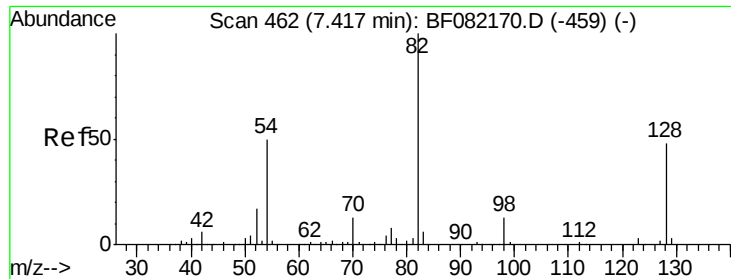
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

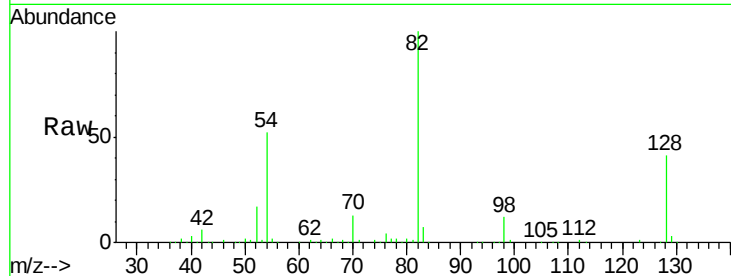




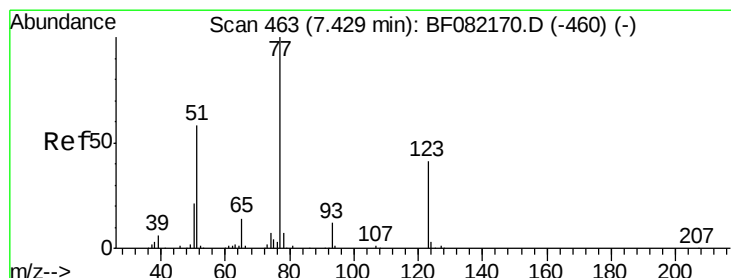
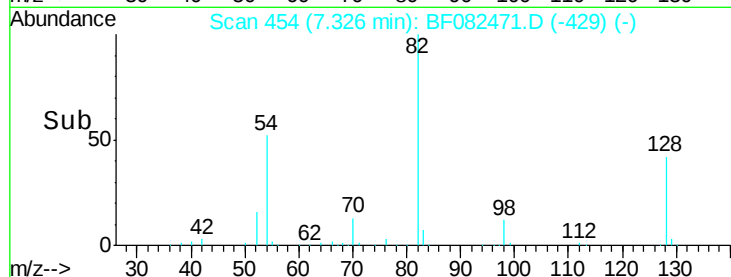
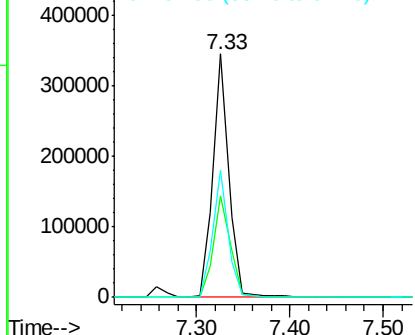
#23
Nitrobenzene-d5
Concen: 62.81 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Tot Ion: 82 Resp: 413600
Ion Ratio Lower Upper
82 100
128 41.5 38.7 58.1
54 52.3 40.1 60.1

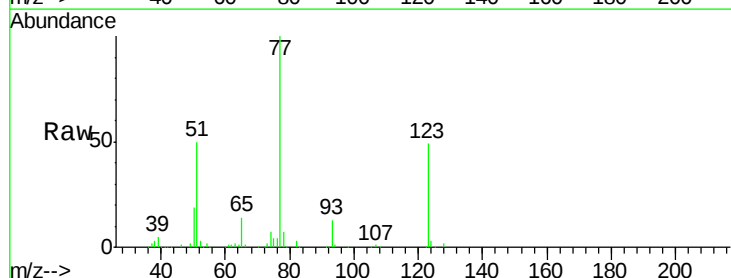


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

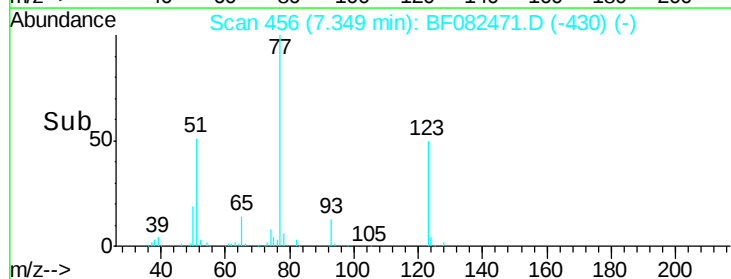
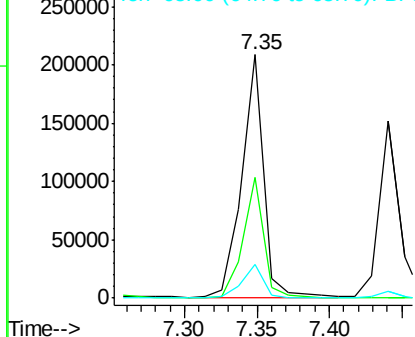


#24
Nitrobenzene
Concen: 30.26 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion: 77 Resp: 215691
Ion Ratio Lower Upper
77 100
123 49.3 33.0 49.4
65 13.8 11.2 16.8



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





#25

Isophorone

Concen: 29.88 ng

RT: 7.59 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

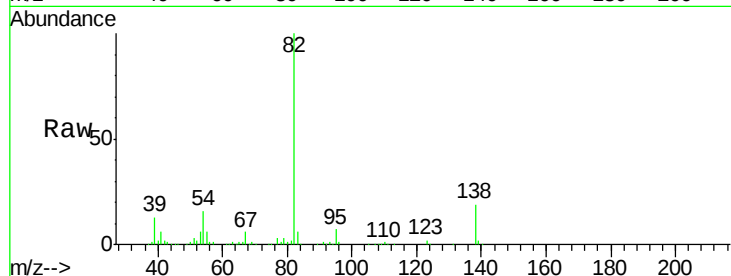
Tot Ion: 82 Resp: 397139

Ion Ratio Lower Upper

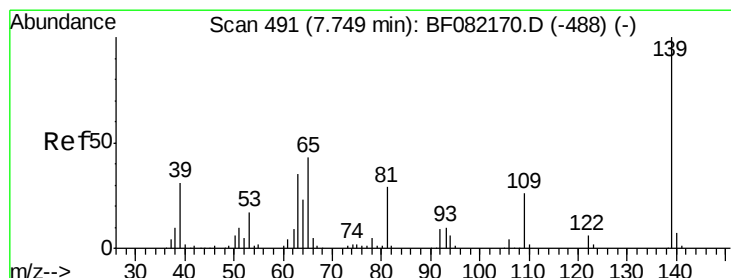
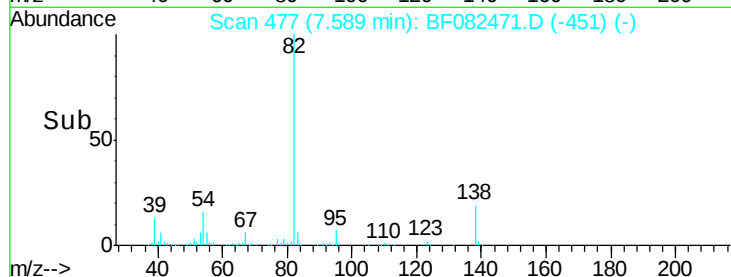
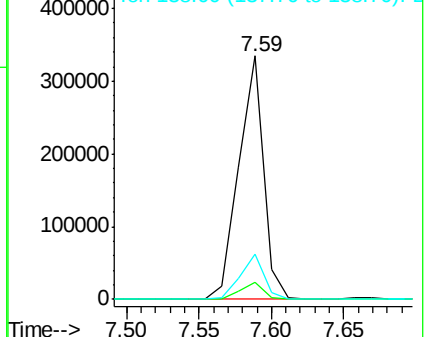
82 100

95 7.0 5.6 8.4

138 18.6 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: 30.90 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

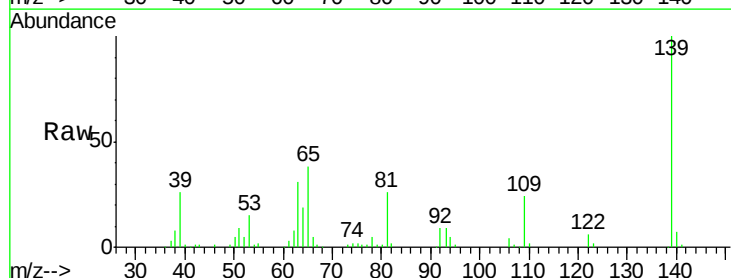
Tgt Ion: 139 Resp: 109982

Ion Ratio Lower Upper

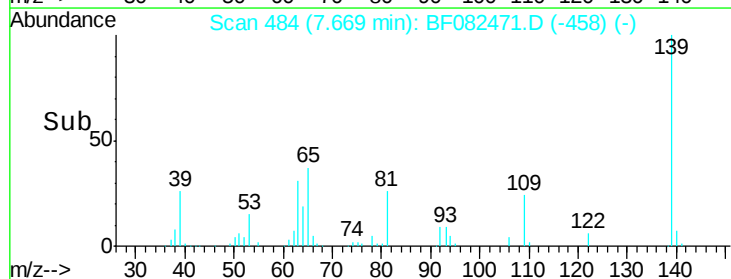
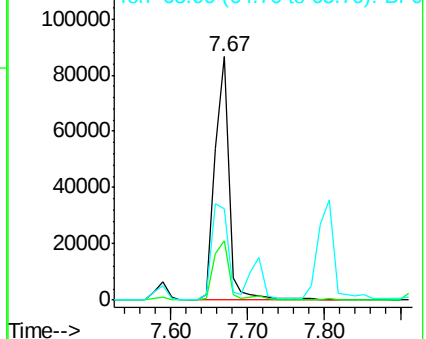
139 100

109 24.4 20.6 31.0

65 37.6 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: 34.18 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

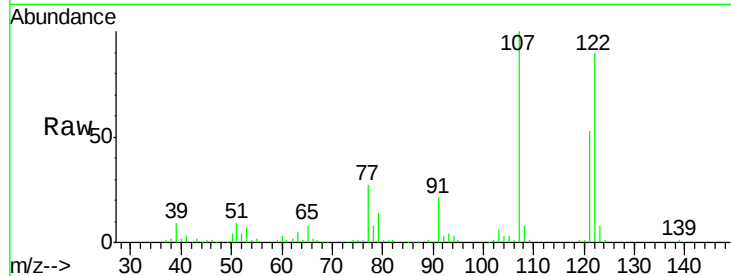
Tot Ion:122 Resp: 195979

Ion Ratio Lower Upper

122 100

107 111.2 94.0 141.0

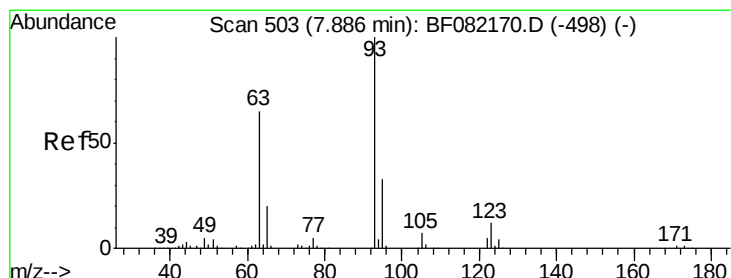
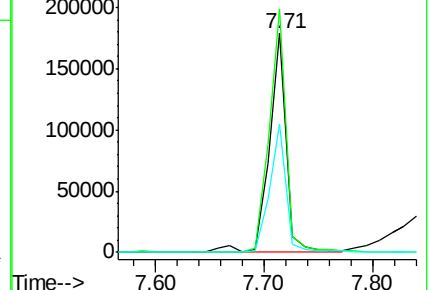
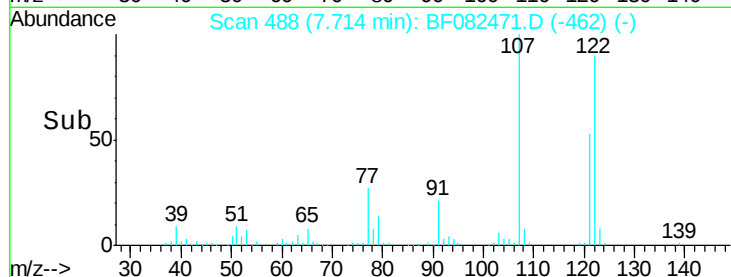
121 58.5 46.8 70.2



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: 31.03 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

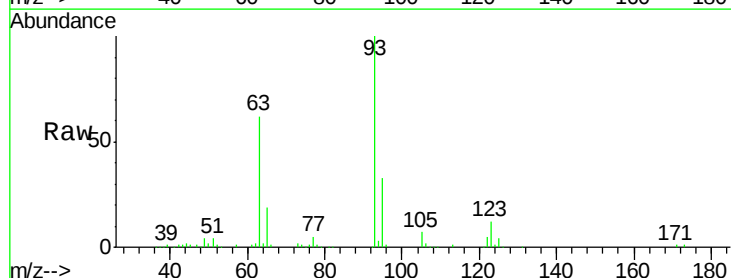
Tgt Ion: 93 Resp: 239944

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

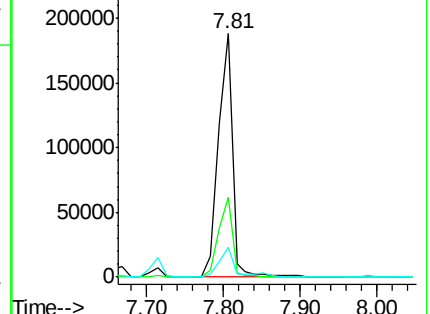
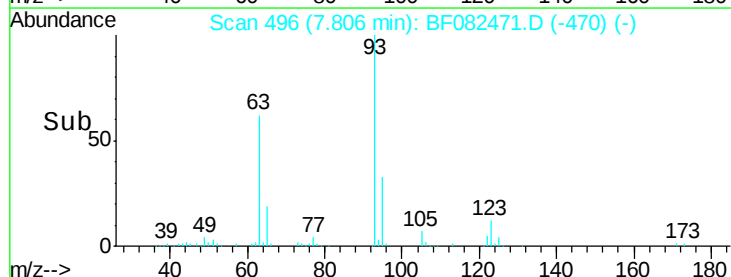
123 12.2 9.5 14.3

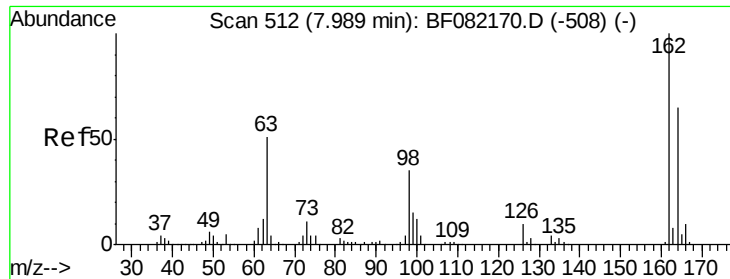


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

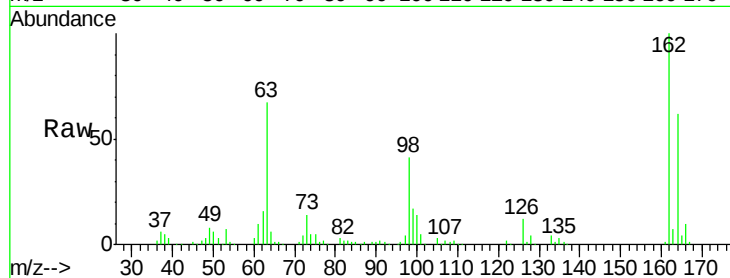




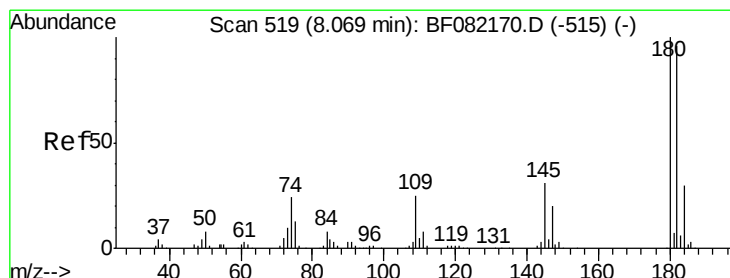
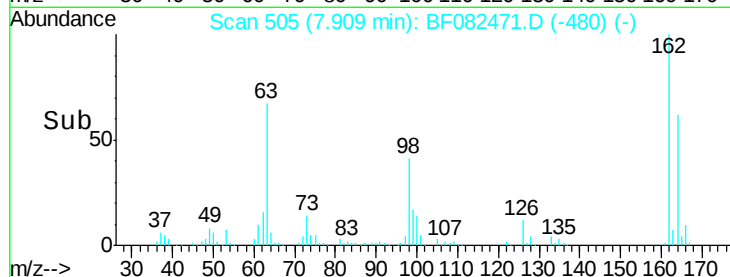
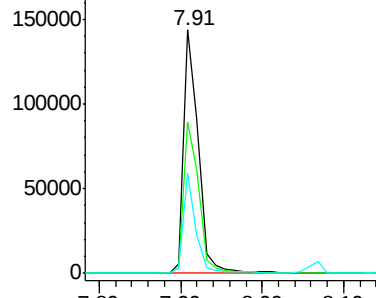
#29
 2,4-Dichlorophenol
 Concen: 32.07 ng
 RT: 7.91 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	41.1	15.0	55.0

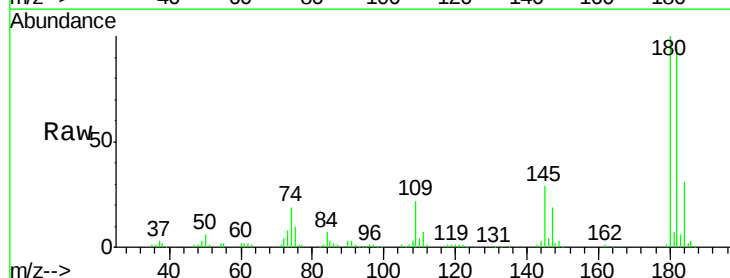


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

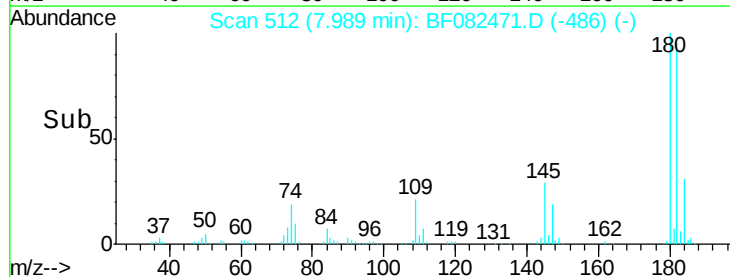
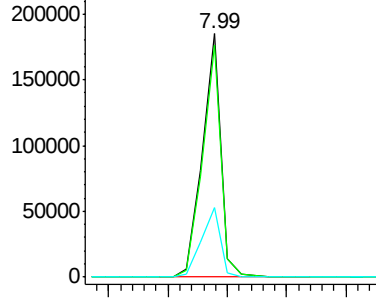


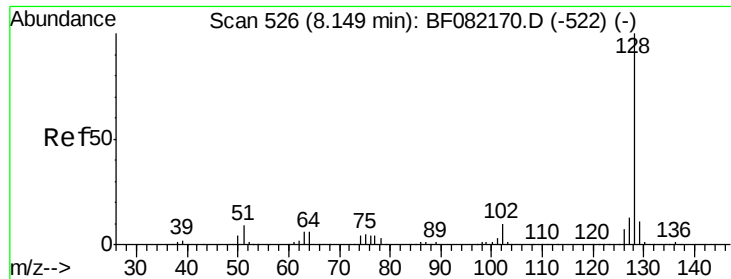
#30
 1,2,4-Trichlorobenzene
 Concen: 30.15 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.4
145	28.6	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

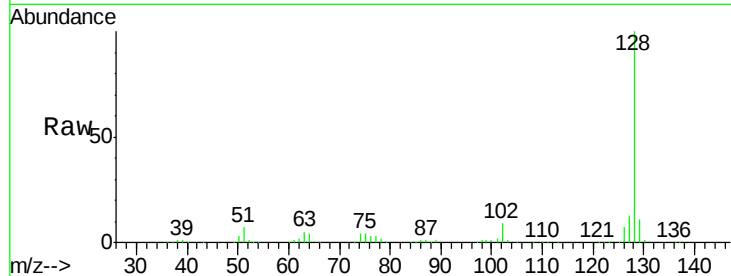




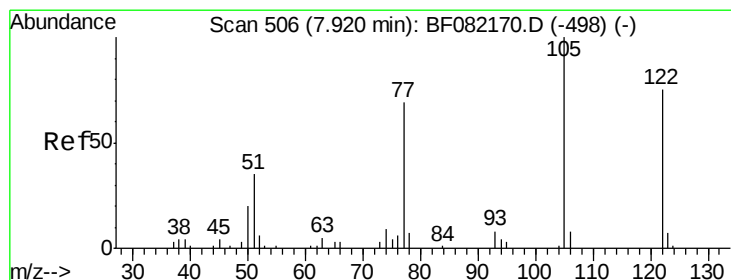
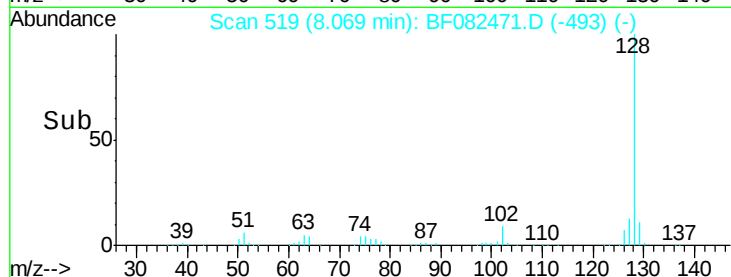
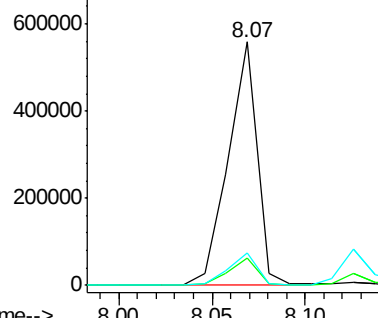
#31
Naphthalene
Concen: 31.22 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Tot Ion:128 Resp: 598454
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 10.7 16.1

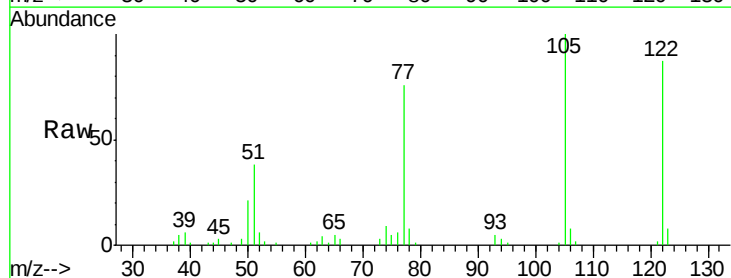


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

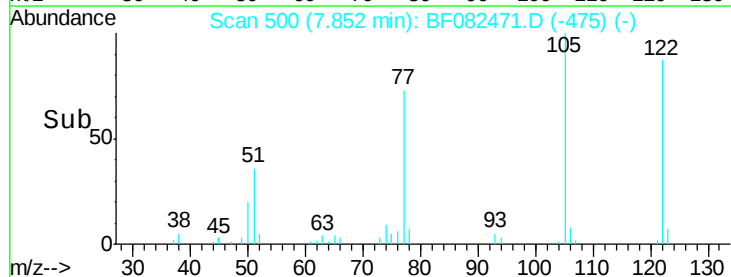
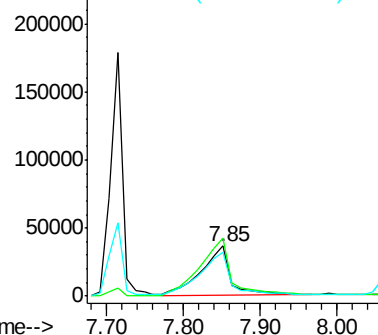


#32
Benzoic acid
Concen: 24.95 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:122 Resp: 96033
Ion Ratio Lower Upper
122 100
105 115.2 104.4 144.4
77 87.6 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

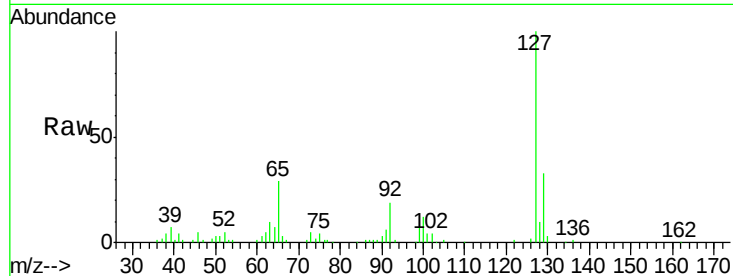




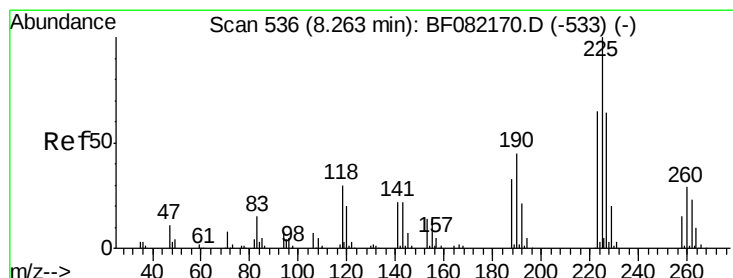
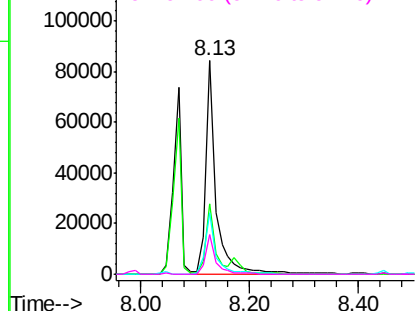
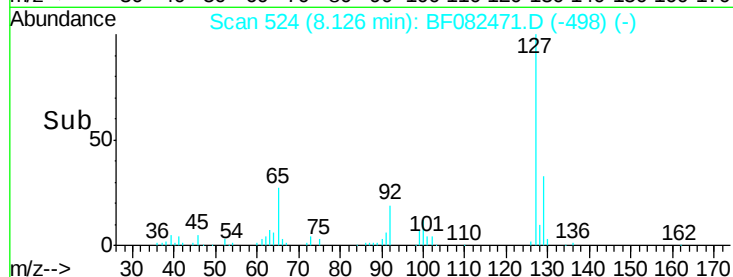
#33
4-Chloroaniline
Concen: 14.02 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Tot Ion:	127	Resp:	111632
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	28.7	24.4	36.6
92	18.6	15.7	23.5

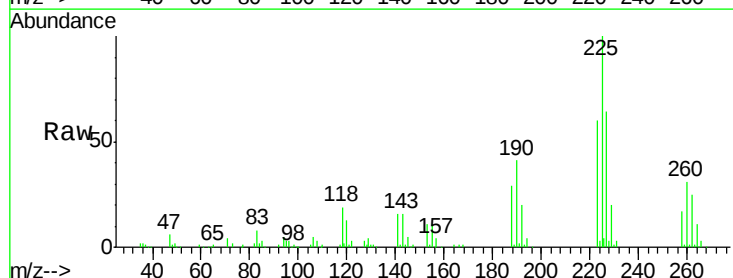


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

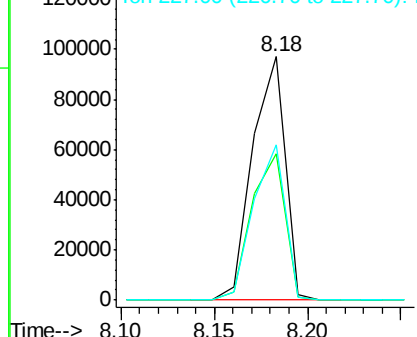
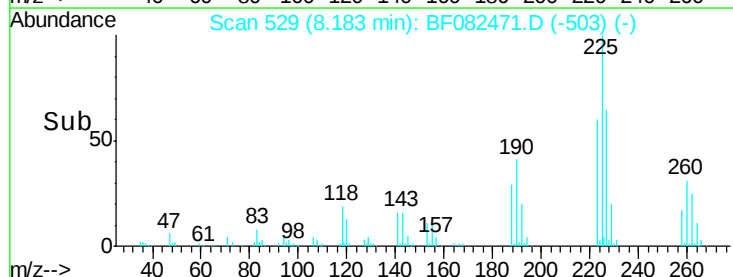


#34
Hexachlorobutadiene
Concen: 28.52 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:	225	Resp:	117424
Ion	Ratio	Lower	Upper
225	100		
223	60.1	52.2	78.2
227	63.6	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: 25.69 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

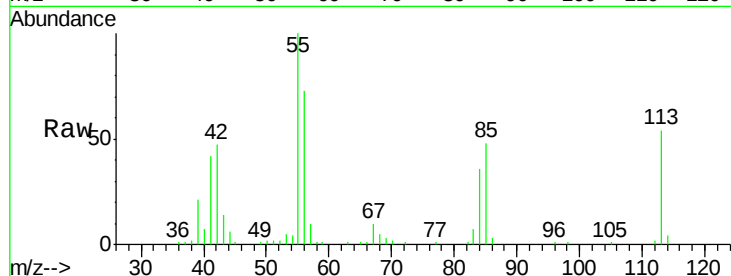
Tot Ion:113 Resp: 42730

Ion Ratio Lower Upper

113 100

55 184.6 149.7 189.7

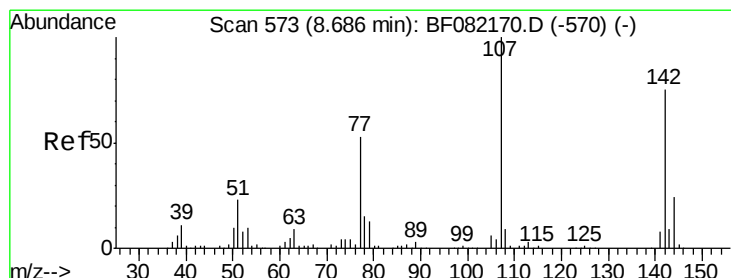
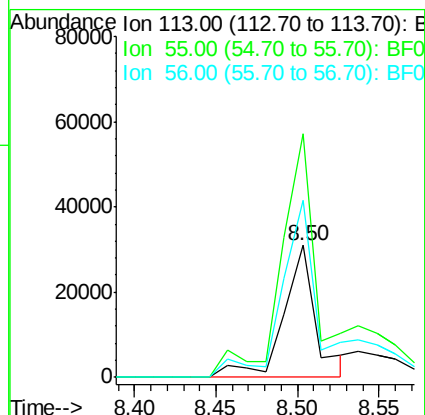
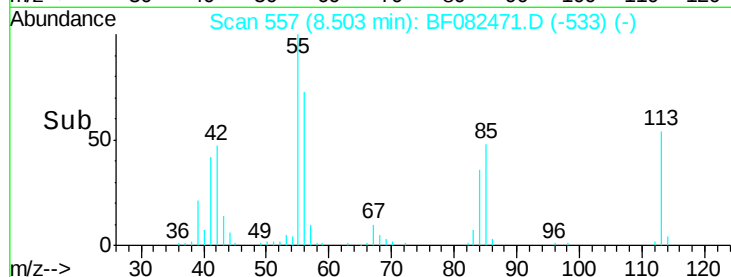
56 134.4 105.4 145.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.09 ng

RT: 8.62 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

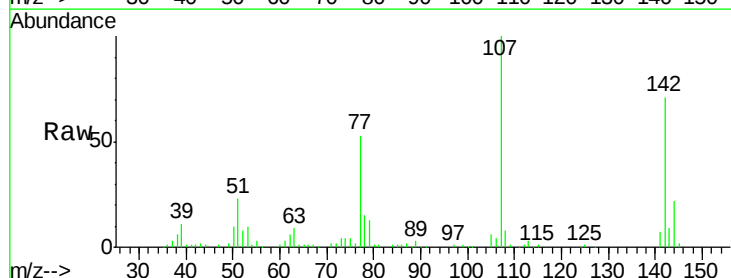
Tgt Ion:107 Resp: 179892

Ion Ratio Lower Upper

107 100

144 22.3 19.3 28.9

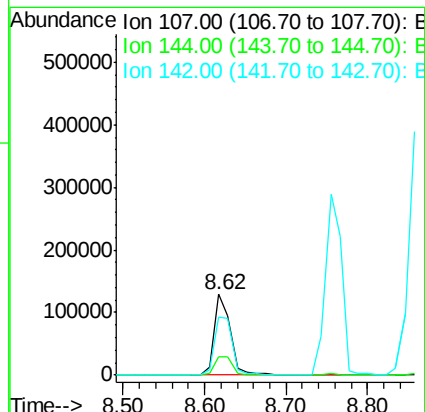
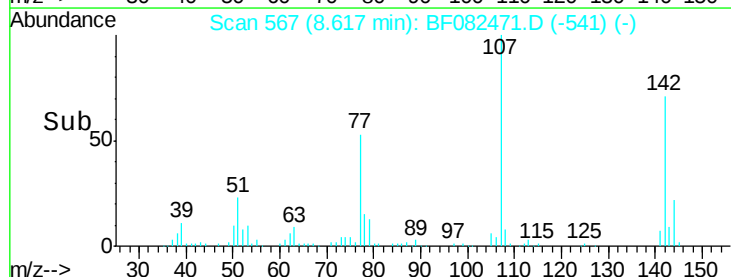
142 71.2 59.9 89.9

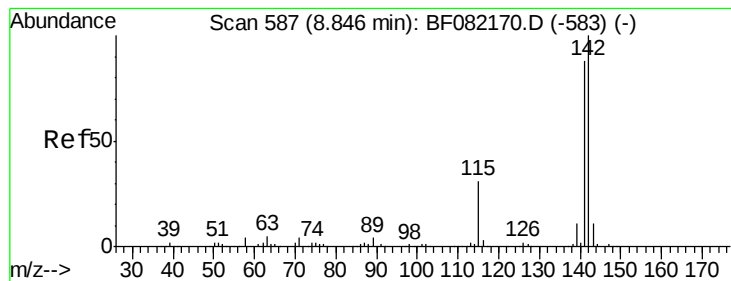


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 30.19 ng

RT: 8.75 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

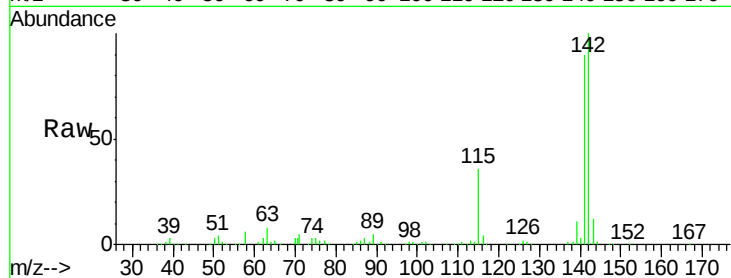
Tot Ion:142 Resp: 401168

Ion Ratio Lower Upper

142 100

141 90.0 70.4 105.6

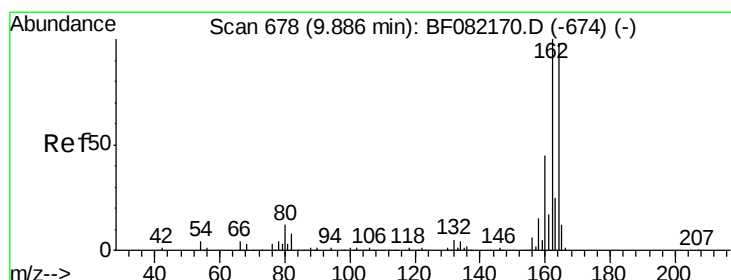
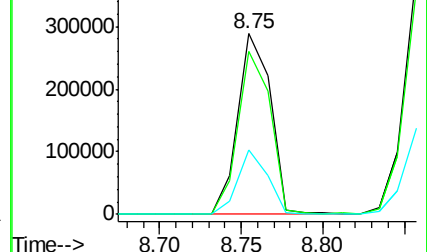
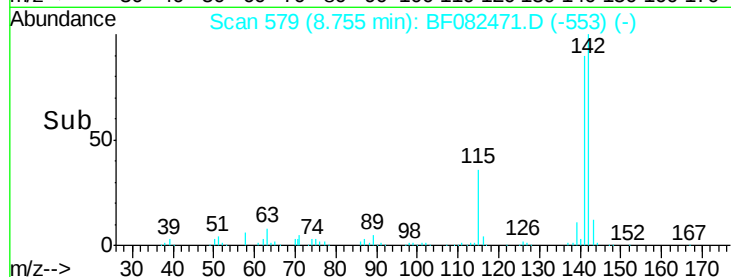
115 35.7 24.6 37.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

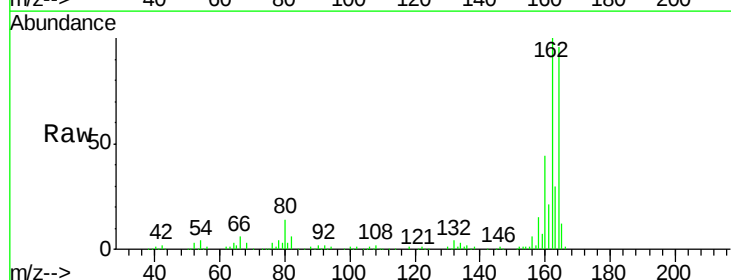
Tgt Ion:164 Resp: 230788

Ion Ratio Lower Upper

164 100

162 104.4 81.6 122.4

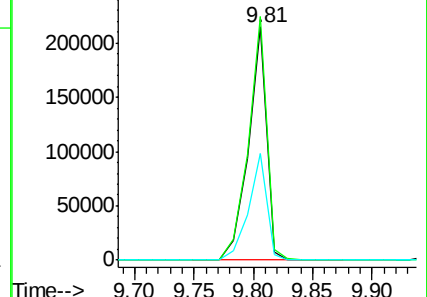
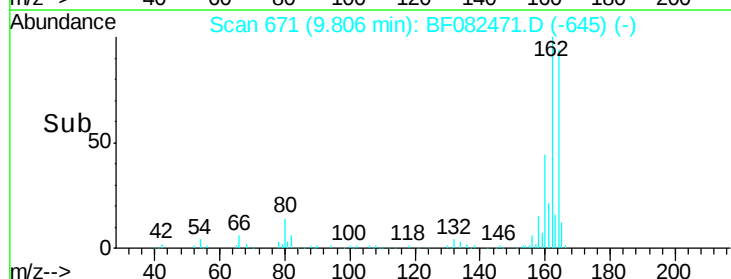
160 45.7 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

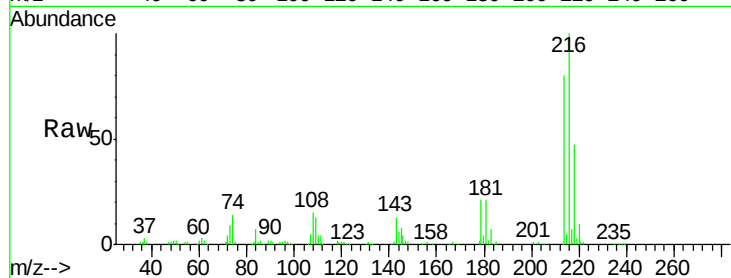




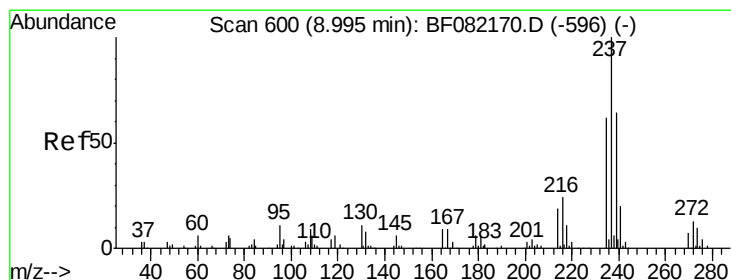
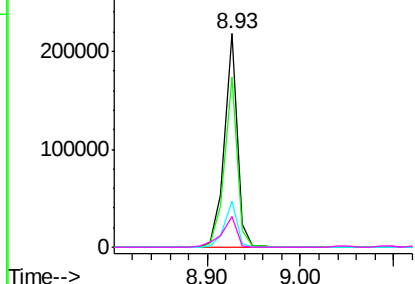
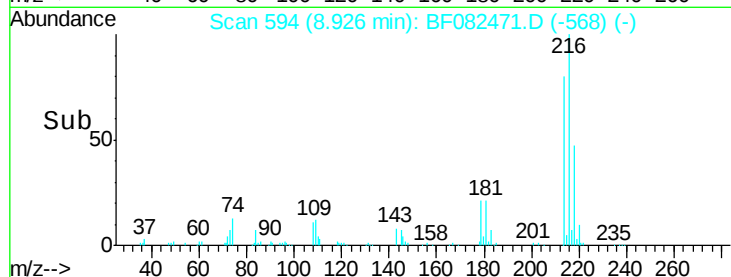
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.48 ng
 RT: 8.93 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Tot Ion:216	Resp:	209215
Ion Ratio	Lower	Upper
216	100	
214	78.9	64.6 97.0
179	21.2	17.6 26.4
108	17.3	14.5 21.7

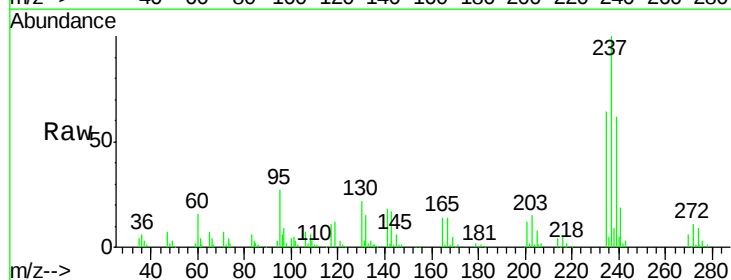


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

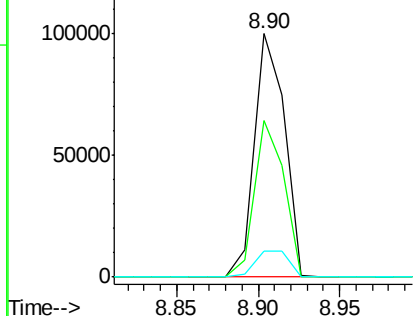
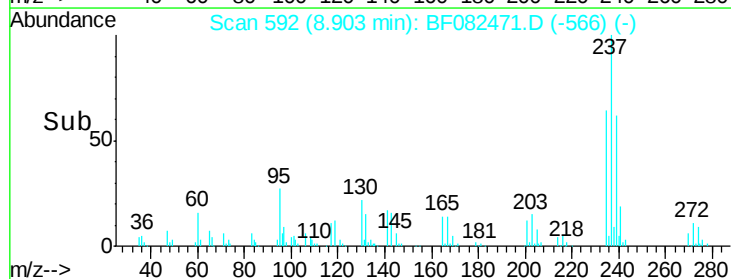


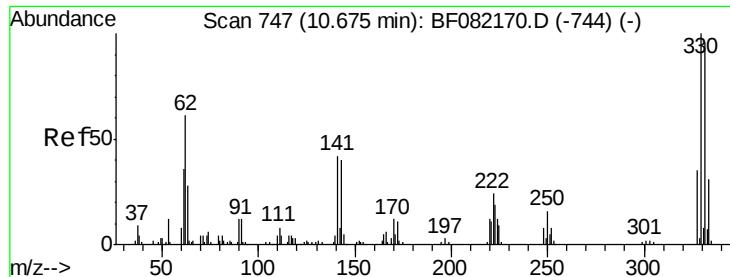
#40
 Hexachlorocyclopentadiene
 Concen: 41.29 ng
 RT: 8.90 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion:237	Resp:	127840
Ion Ratio	Lower	Upper
237	100	
235	64.2	41.7 81.7
272	10.5	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

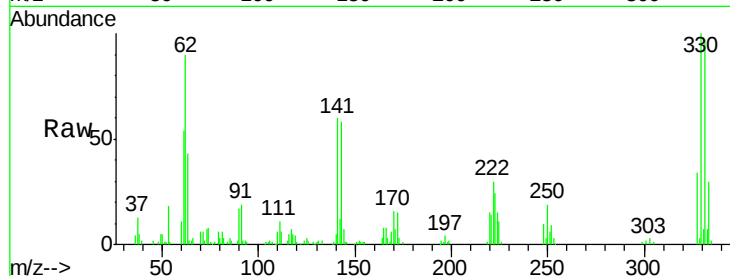




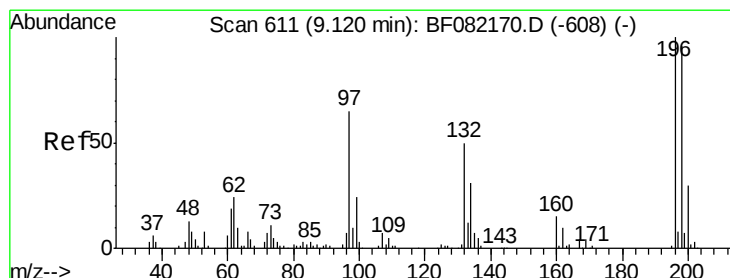
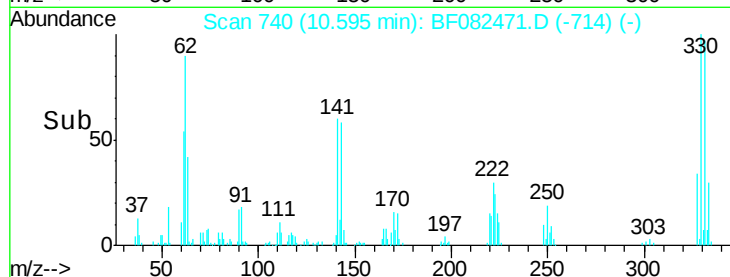
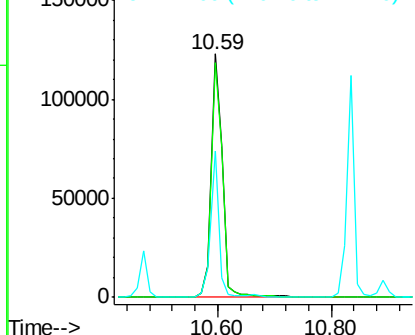
#41
 2,4,6-Tribromophenol
 Concen: 74.68 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Tot Ion:330 Resp: 161626
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 44.2 29.8 44.8

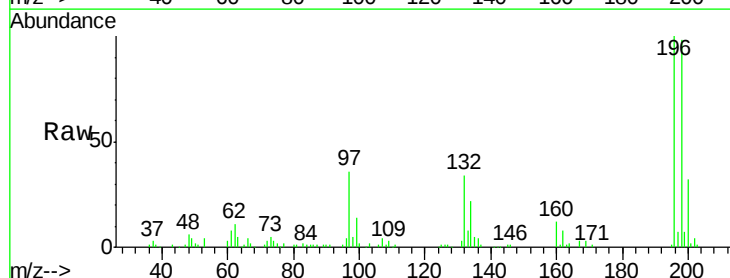


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

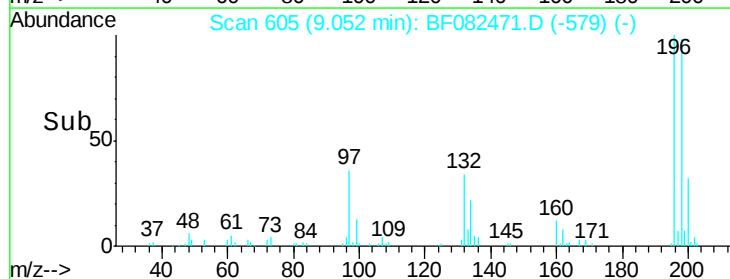
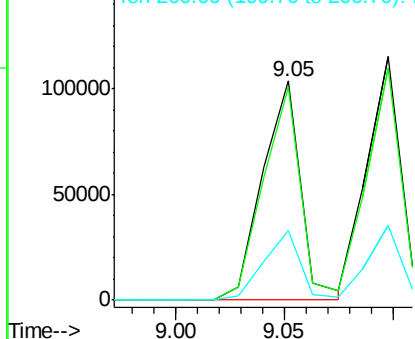


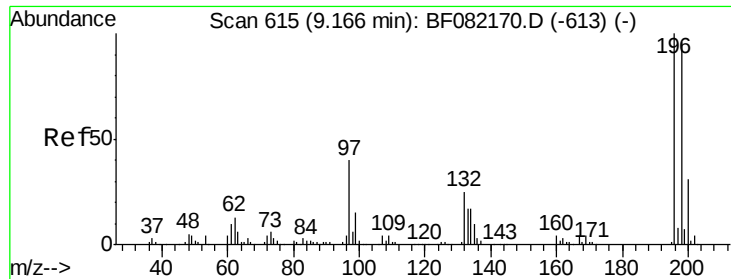
#42
 2,4,6-Trichlorophenol
 Concen: 27.95 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion:196 Resp: 127450
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.6 115.0
 200 31.5 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

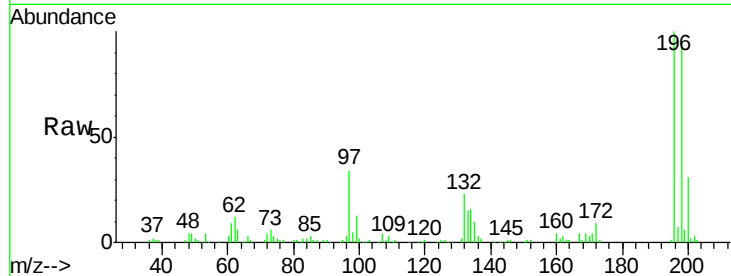




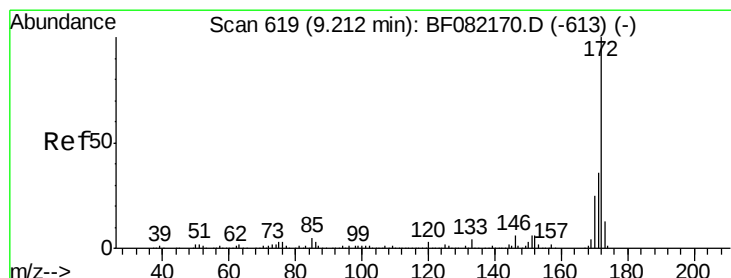
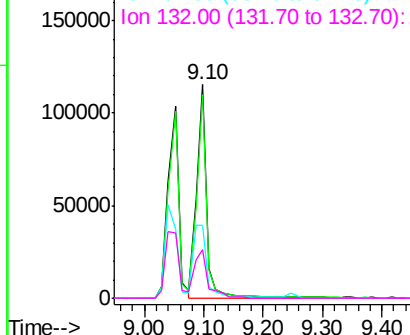
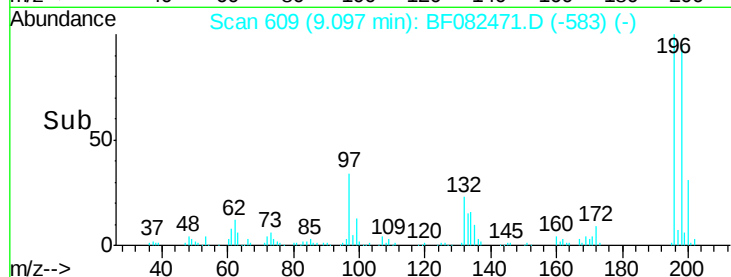
#43
 2,4,5-Trichlorophenol
 Concen: 28.03 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Tot Ion:196 Resp: 138422
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.0 115.4
 97 34.1 31.9 47.9
 132 22.8 20.3 30.5

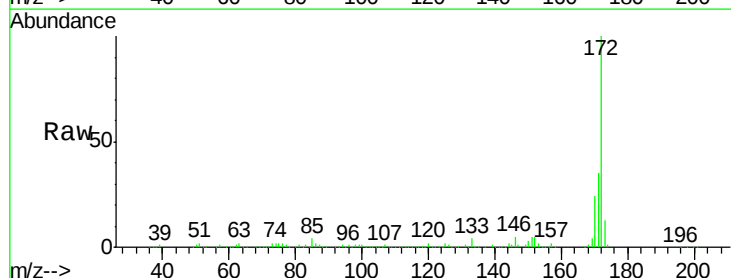


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

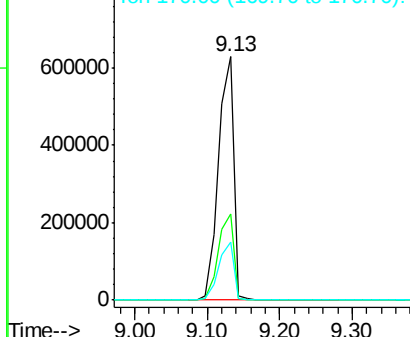
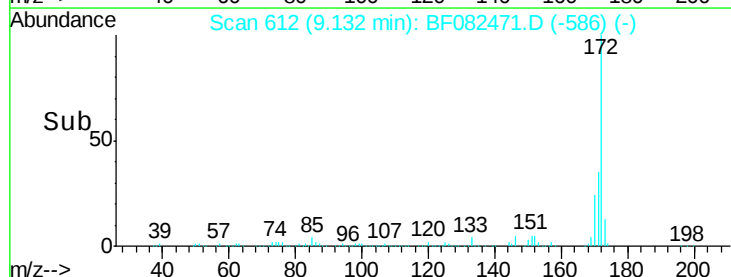


#44
 2-Fluorobiphenyl
 Concen: 66.23 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion:172 Resp: 921737
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.8 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

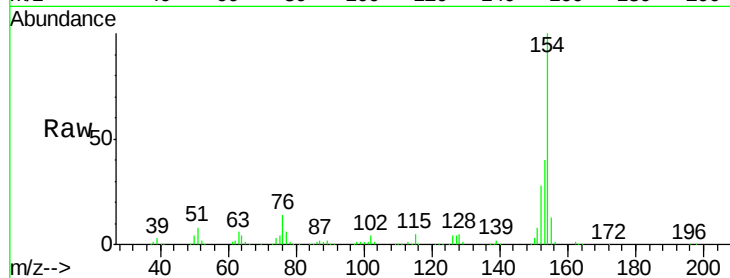




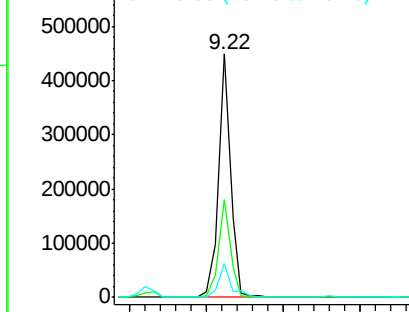
#45
 1,1'-Biphenyl
 Concen: 28.01 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

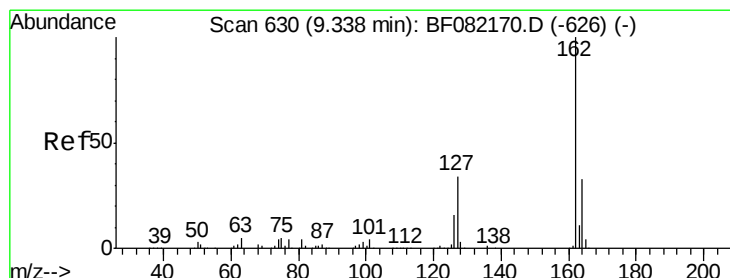
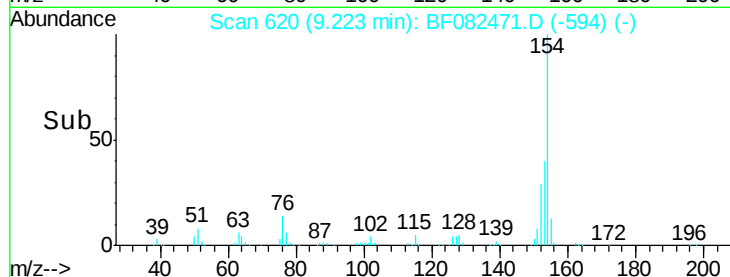
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	13.7	0.0	35.2



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

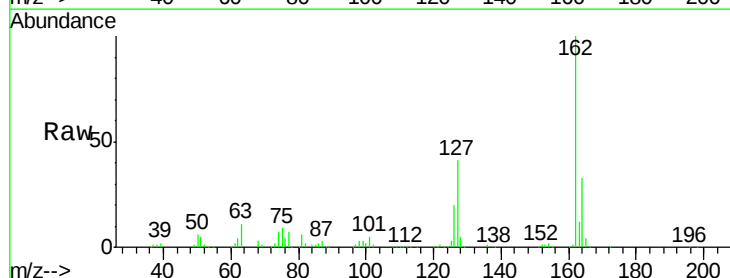


Time--> 9.10 9.20 9.30 9.40

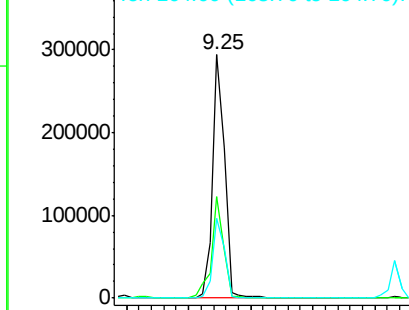


#46
 2-Chloronaphthalene
 Concen: 28.05 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

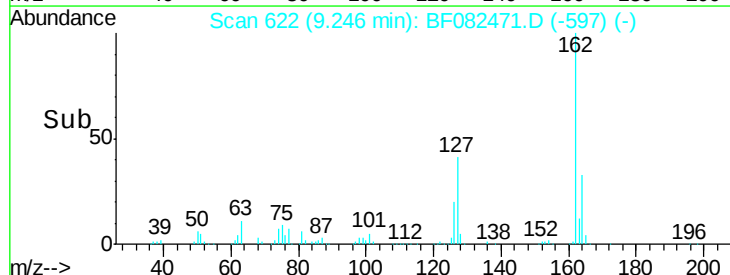
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	27.5	41.3#
164	32.6	26.6	39.8

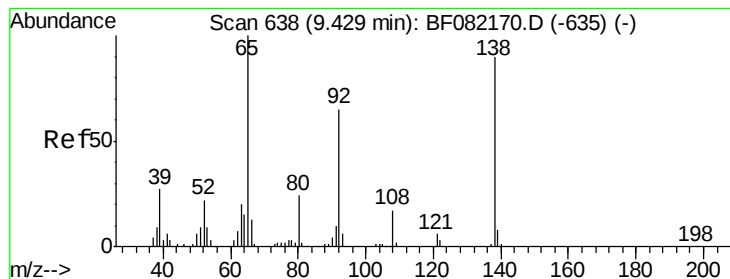


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time--> 9.10 9.20 9.30 9.40 9.50





#47

2-Nitroaniline

Concen: 31.68 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

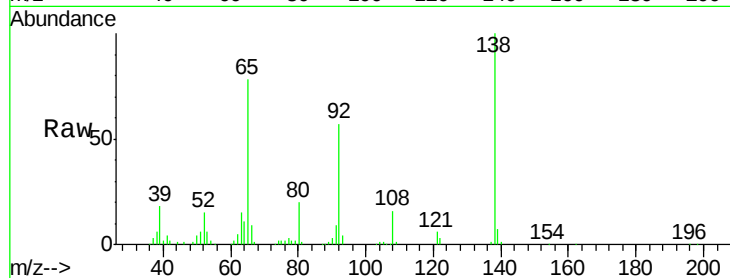
Tot Ion: 65 Resp: 120490

Ion Ratio Lower Upper

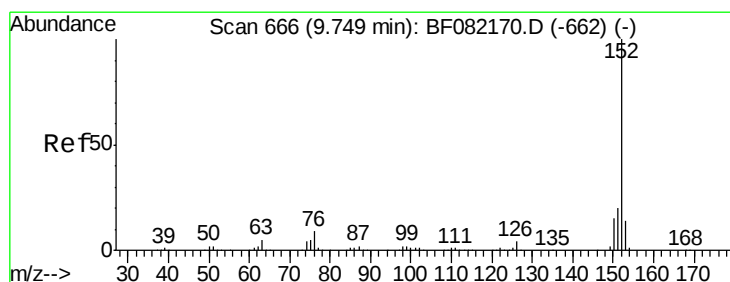
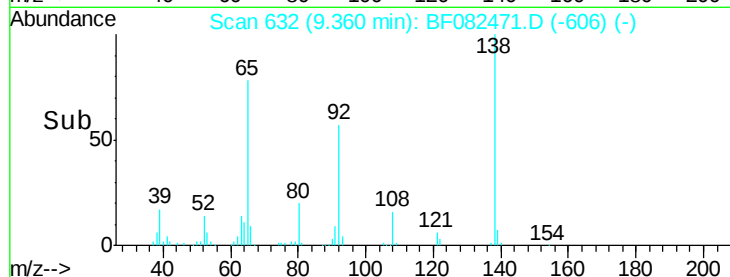
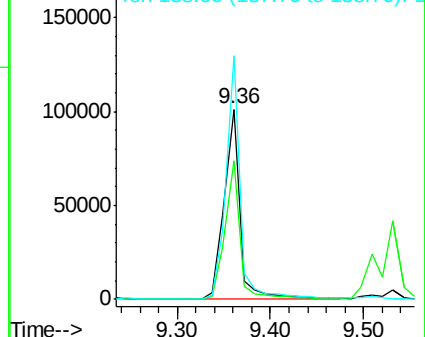
65 100

92 73.1 52.3 78.5

138 128.2 72.2 108.4#



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



#48

Acenaphthylene

Concen: 30.48 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

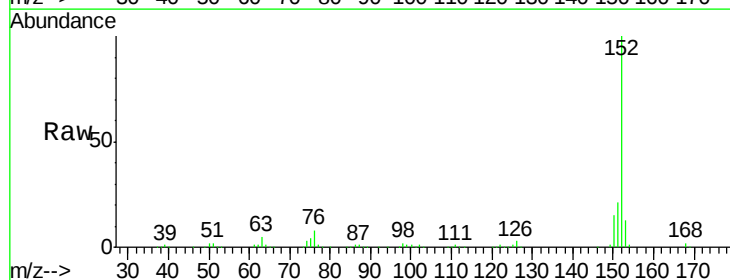
Tgt Ion: 152 Resp: 657891

Ion Ratio Lower Upper

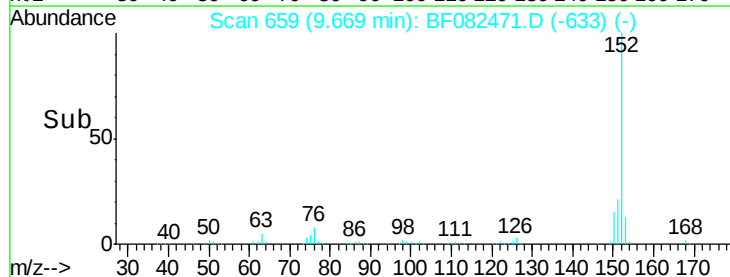
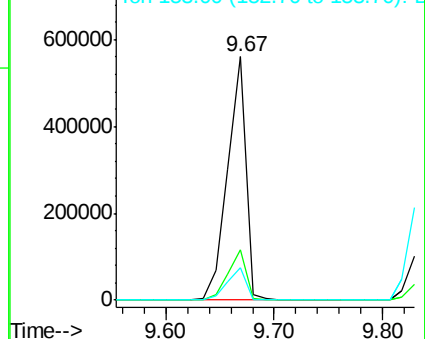
152 100

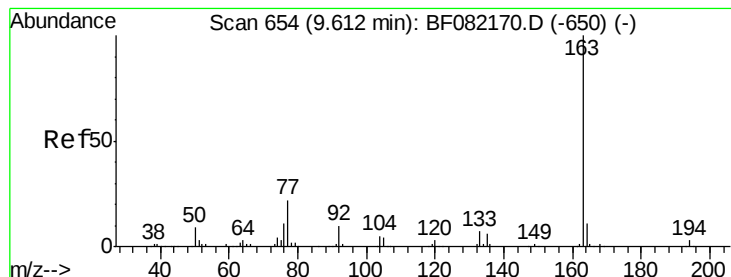
151 20.7 16.4 24.6

153 13.1 10.8 16.2



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





#49

Dimethylphthalate

Concen: 29.15 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

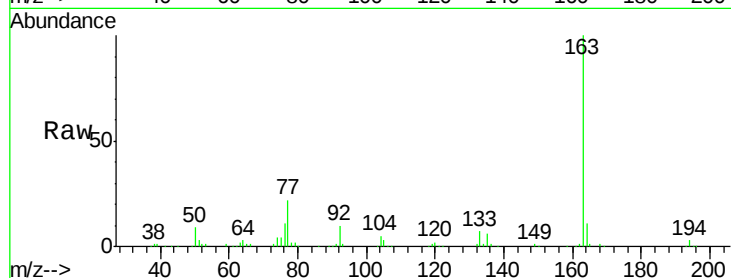
Tot Ion:163 Resp: 473720

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

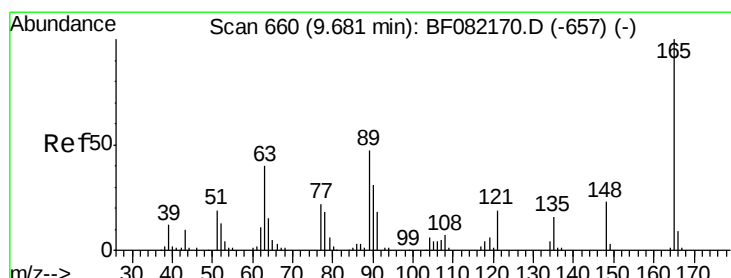
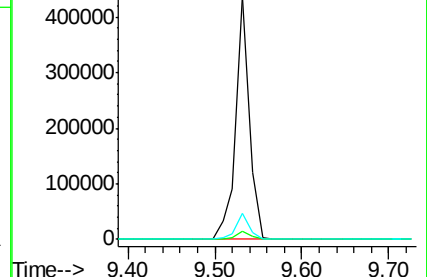
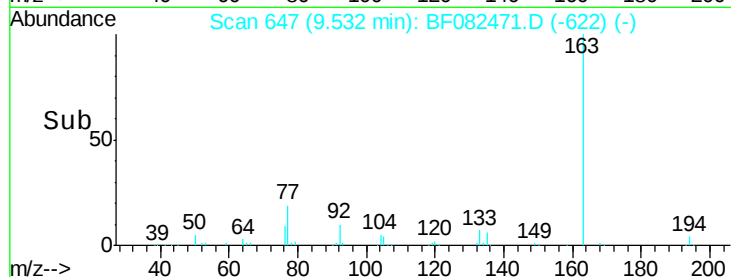
164 10.5 8.5 12.7



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: 31.47 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

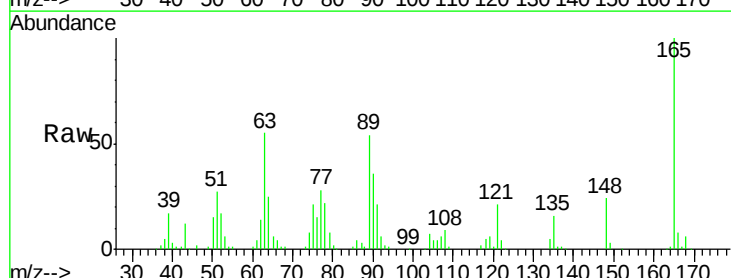
Tgt Ion:165 Resp: 107926

Ion Ratio Lower Upper

165 100

63 55.1 36.7 55.1#

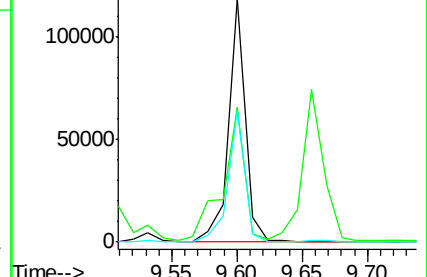
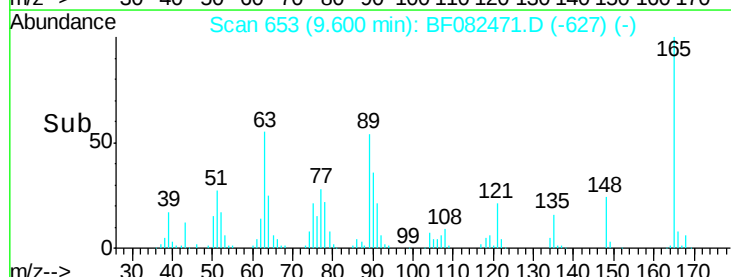
89 53.8 37.8 56.6

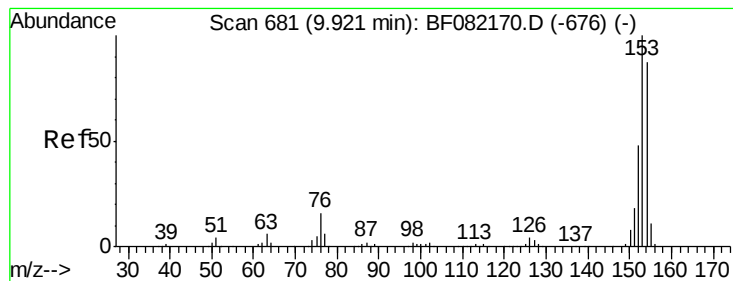


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 29.73 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

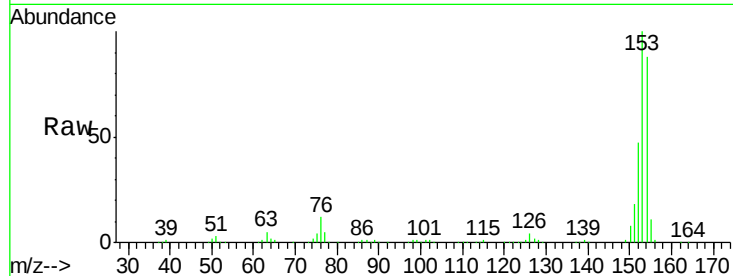
Tot Ion:154 Resp: 385212

Ion Ratio Lower Upper

154 100

153 113.1 91.4 137.2

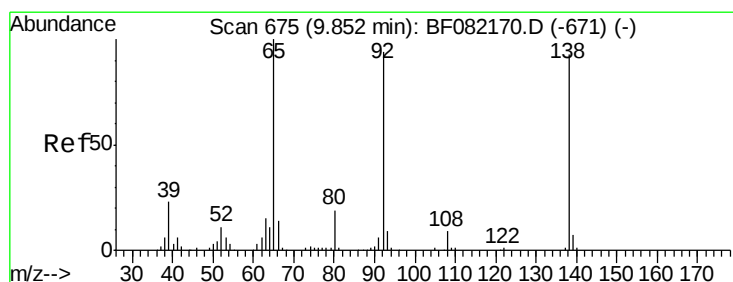
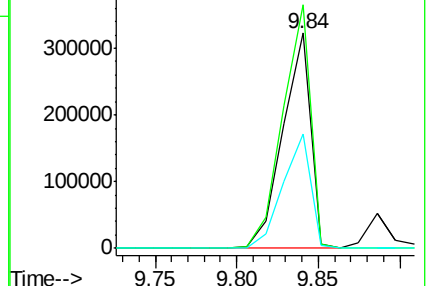
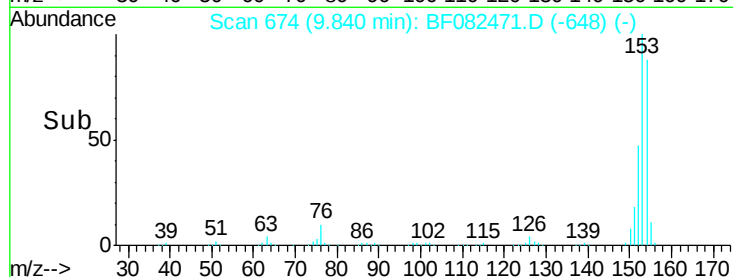
152 53.1 44.3 66.5



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: 15.15 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

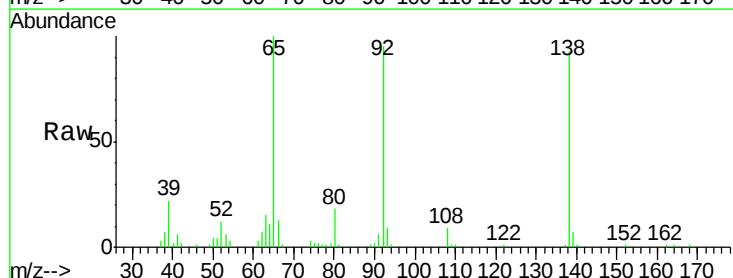
Tgt Ion:138 Resp: 58684

Ion Ratio Lower Upper

138 100

108 9.5 7.4 11.0

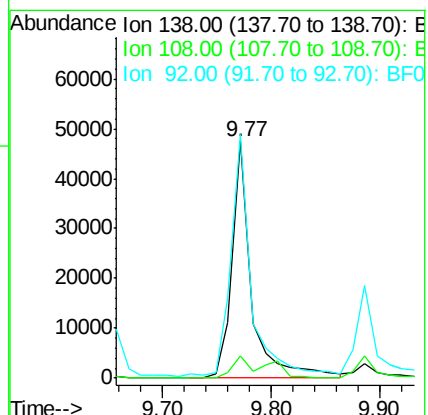
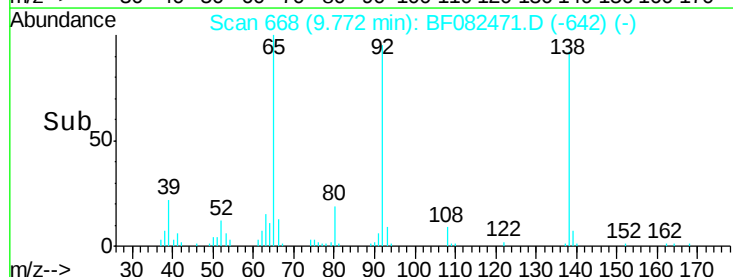
92 102.7 81.3 121.9



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

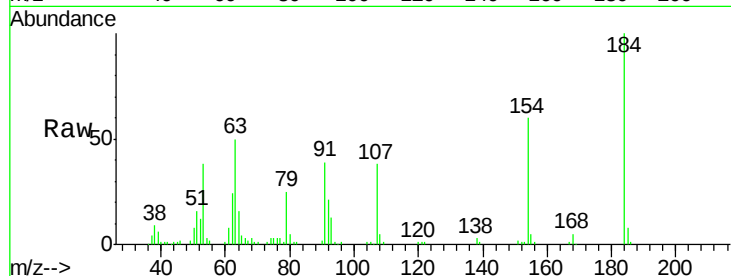




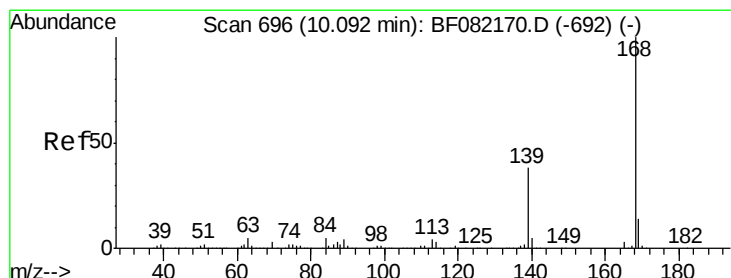
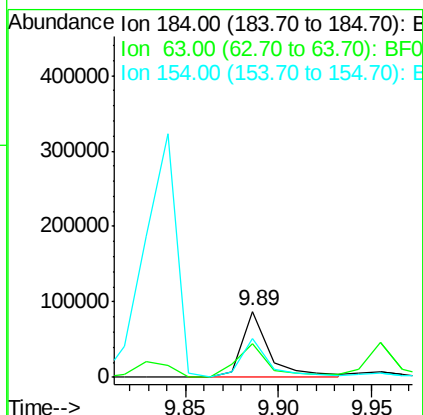
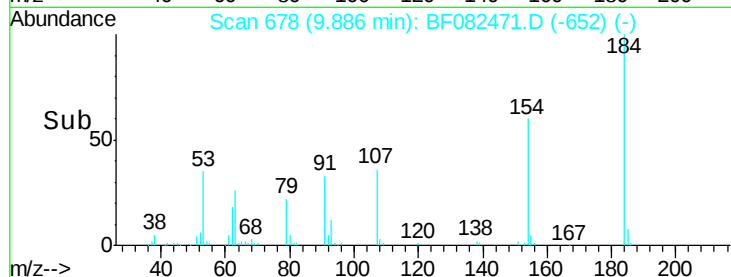
#53
2,4-Dinitrophenol
Concen: 50.04 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Tot Ion:184 Resp: 90899
Ion Ratio Lower Upper
184 100
63 50.4 45.1 67.7
154 60.1 51.2 76.8

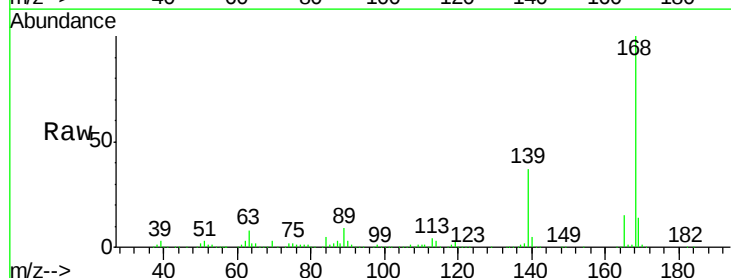


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

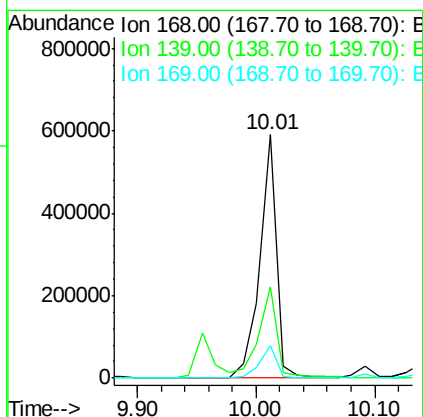
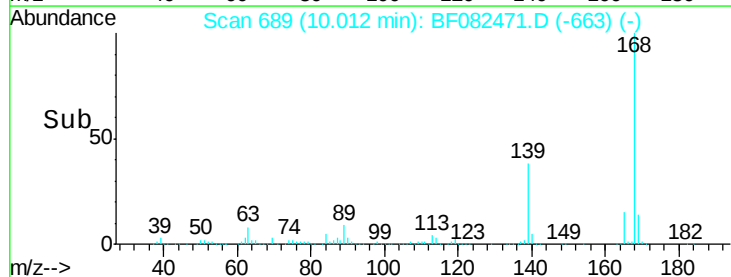


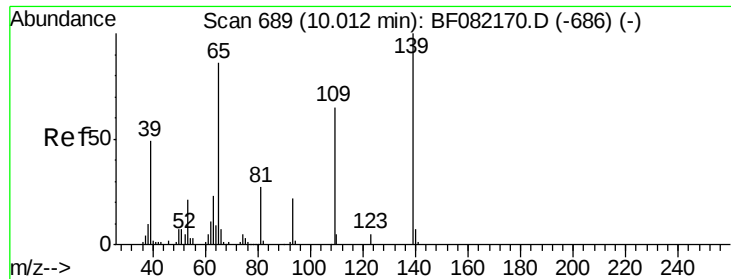
#54
Dibenzofuran
Concen: 32.77 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:168 Resp: 582869
Ion Ratio Lower Upper
168 100
139 37.5 31.0 46.6
169 13.5 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

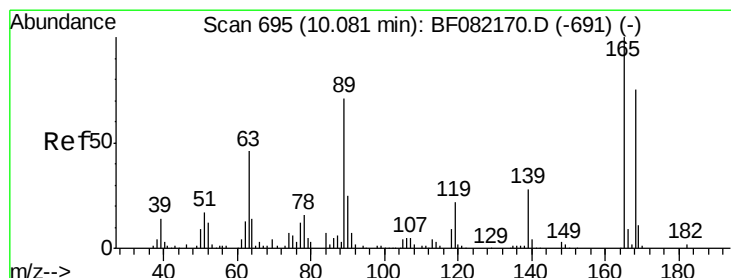
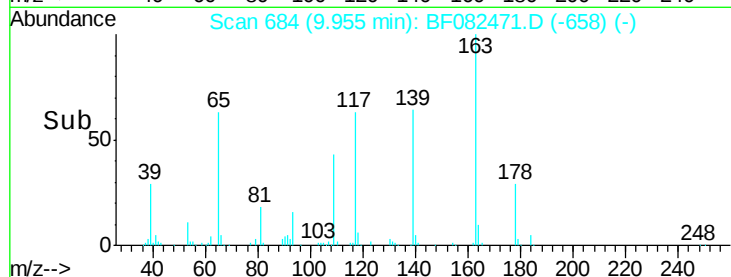
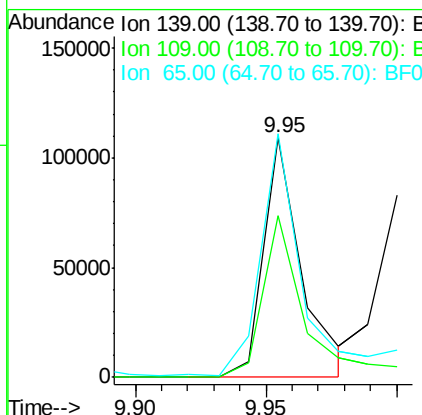
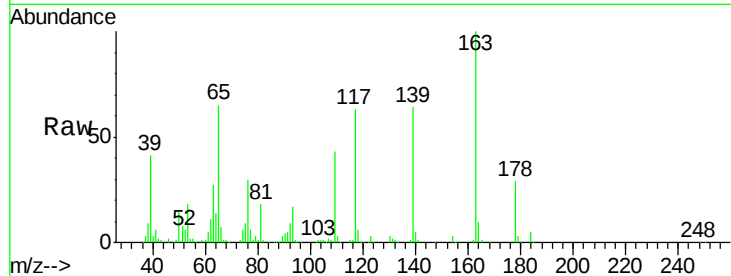




#55
4-Nitrophenol
Concen: 49.08 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

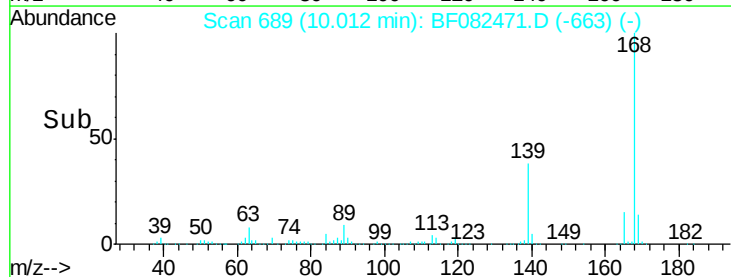
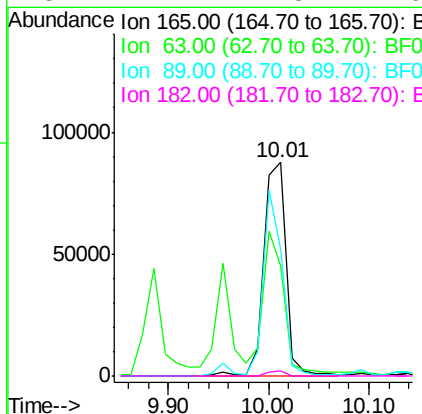
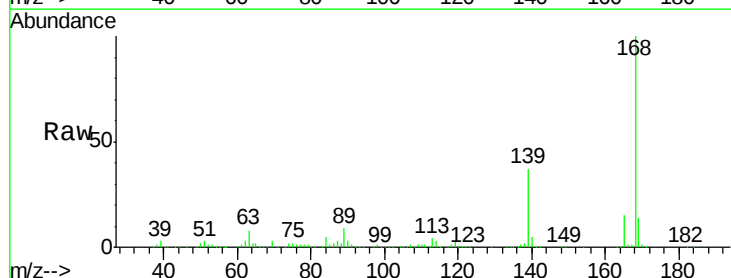
Instrument :
BNA_F
ClientSampleId :
PB86188BS

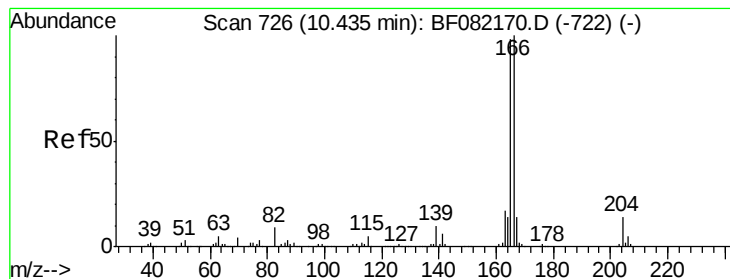
Tot Ion:139 Resp: 111166
Ion Ratio Lower Upper
139 100
109 67.6 44.8 84.8
65 101.6 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 31.28 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:165 Resp: 134084
Ion Ratio Lower Upper
165 100
63 51.6 38.6 58.0
89 59.4 57.0 85.6
182 2.4 1.8 2.6





#57

Fluorene

Concen: 33.77 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

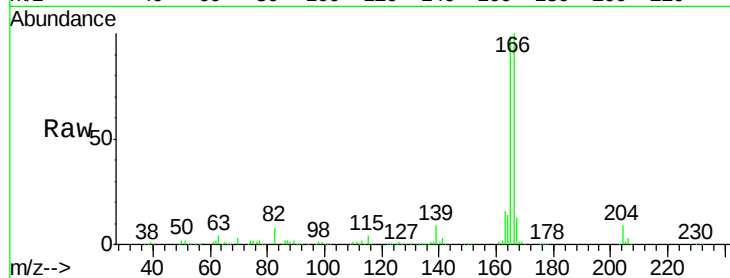
Tot Ion:166 Resp: 493332

Ion Ratio Lower Upper

166 100

165 98.8 78.3 117.5

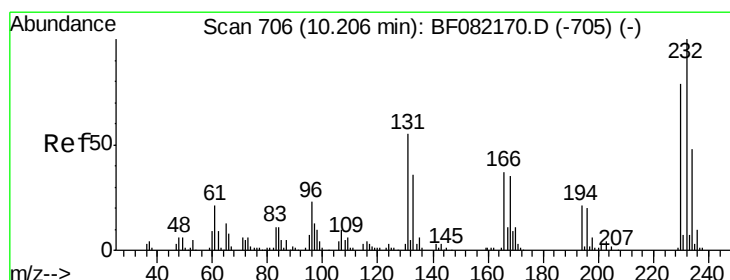
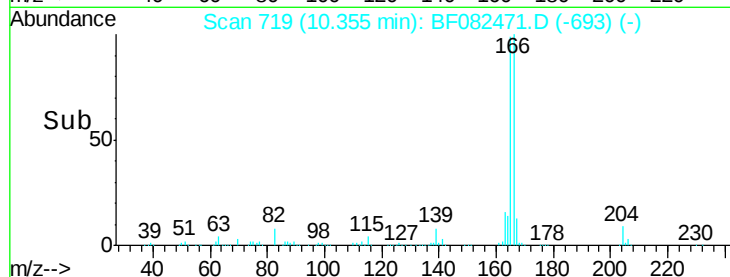
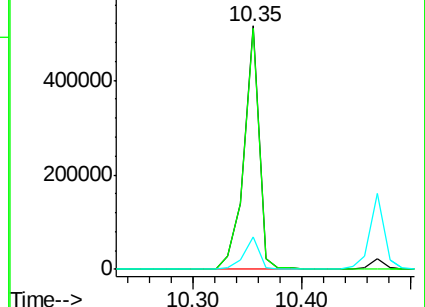
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.07 ng

RT: 10.14 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Tgt Ion:232 Resp: 117295

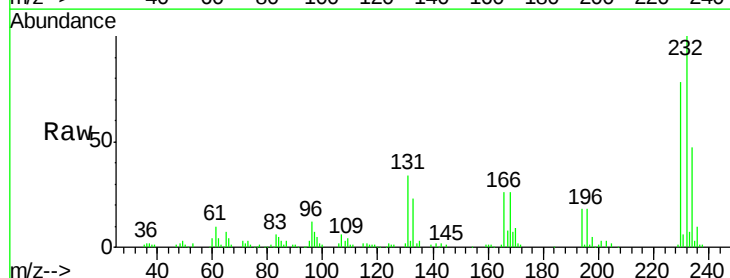
Ion Ratio Lower Upper

232 100

131 42.0 36.6 54.8

130 1.8 1.5 2.3

166 28.2 24.6 37.0

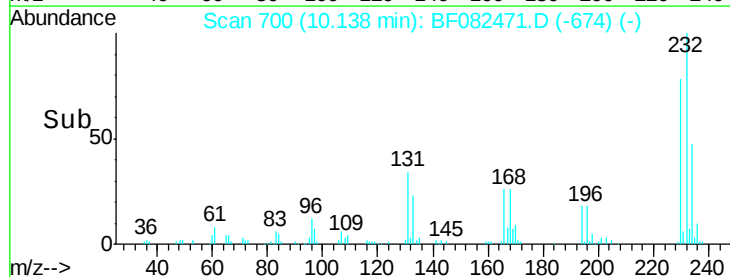
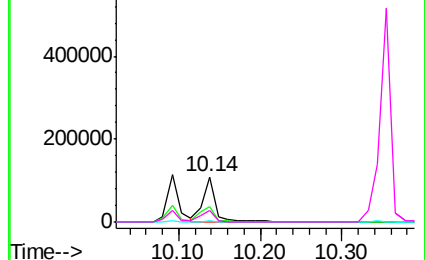


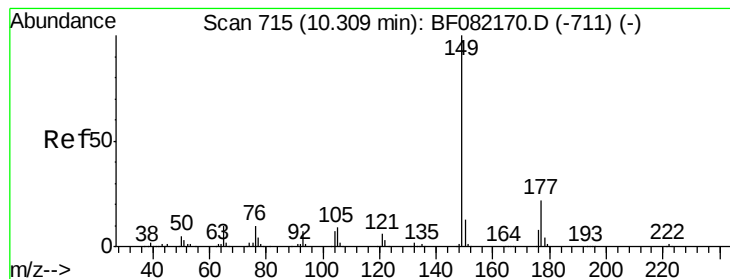
Abundance Ion 232.00 (231.70 to 232.70): E

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: 30.80 ng

RT: 10.23 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

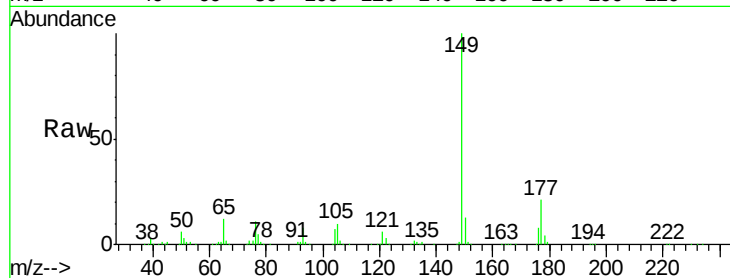
Tot Ion:149 Resp: 466522

Ion Ratio Lower Upper

149 100

177 21.0 17.6 26.4

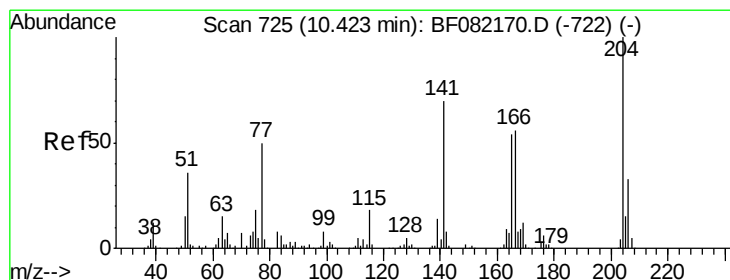
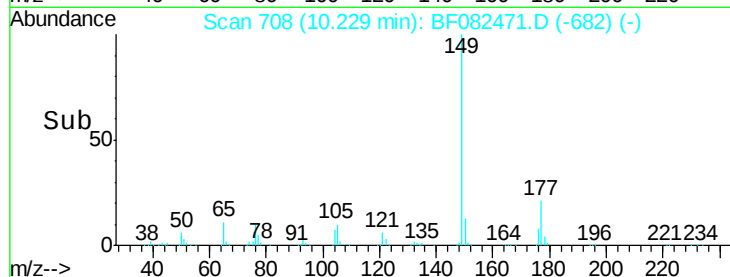
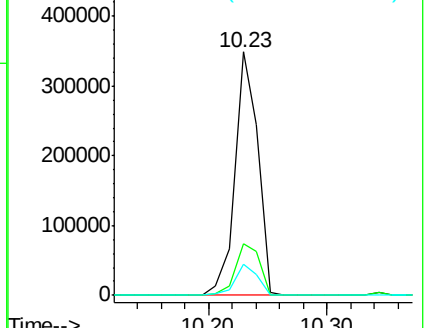
150 12.9 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 31.50 ng

RT: 10.34 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

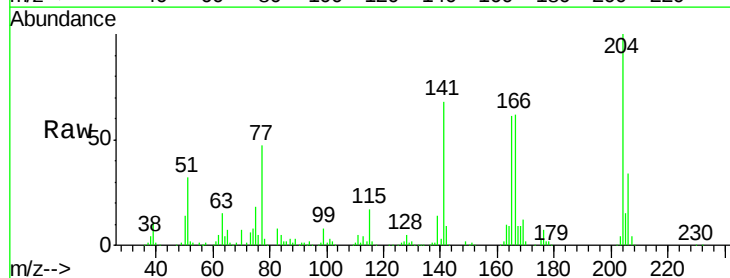
Tgt Ion:204 Resp: 210782

Ion Ratio Lower Upper

204 100

206 34.1 26.8 40.2

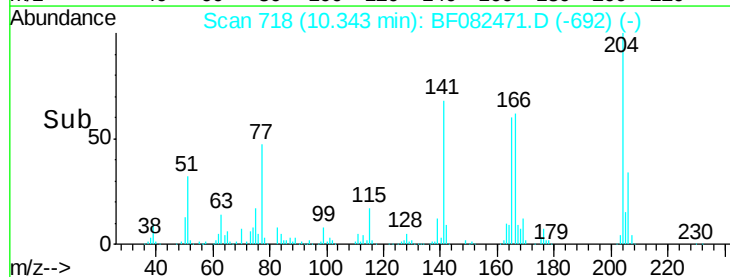
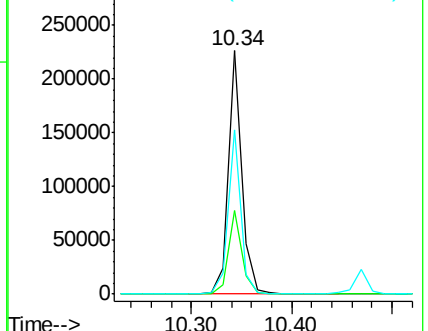
141 67.6 56.1 84.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.33 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

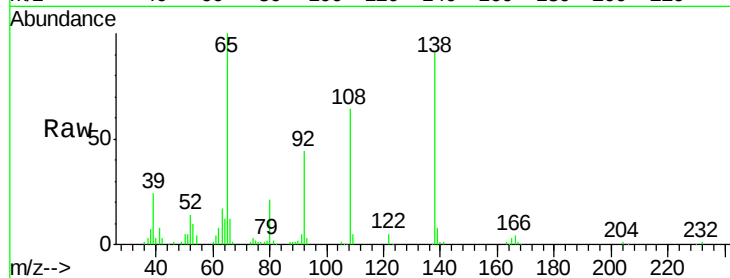
Tot Ion:138 Resp: 106452

Ion Ratio Lower Upper

138 100

92 48.6 26.8 66.8

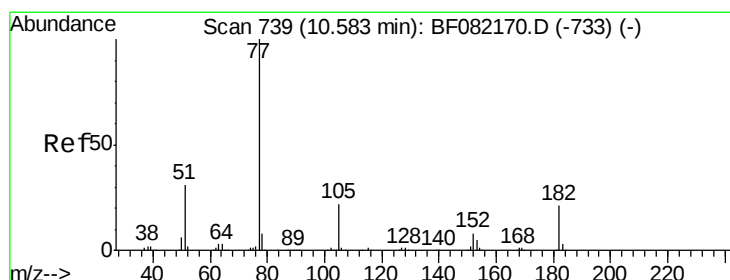
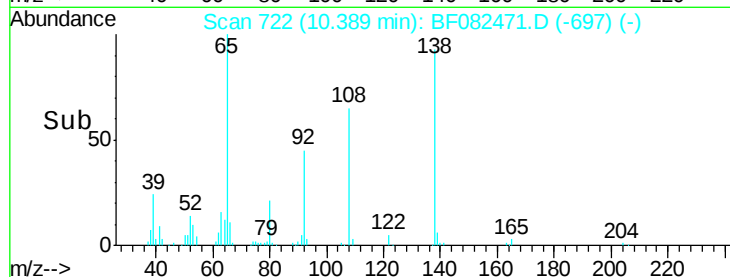
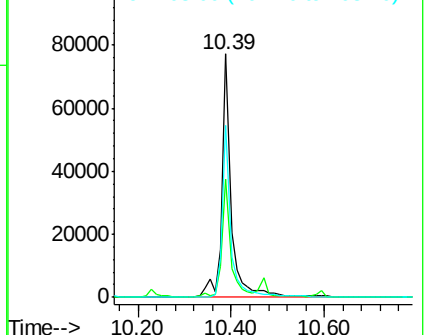
108 70.9 48.4 88.4



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: 31.04 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Tgt Ion: 77 Resp: 460240

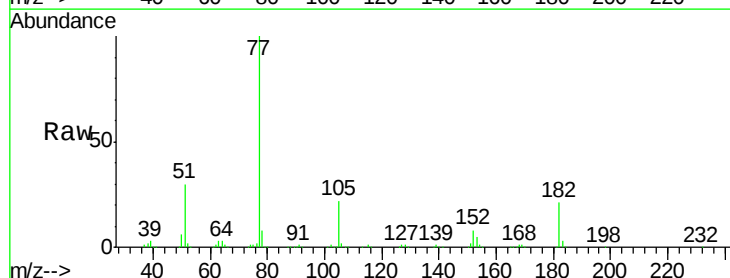
Ion Ratio Lower Upper

77 100

182 21.0 0.5 40.5

105 21.9 1.8 41.8

51 30.5 11.2 51.2

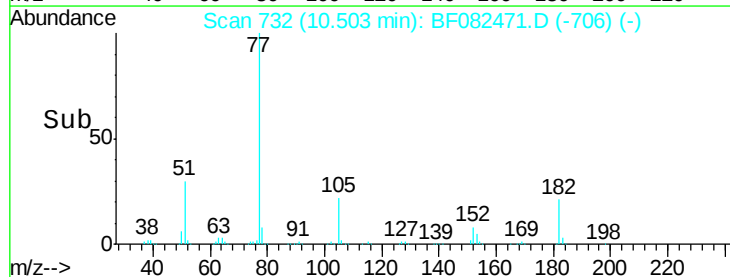
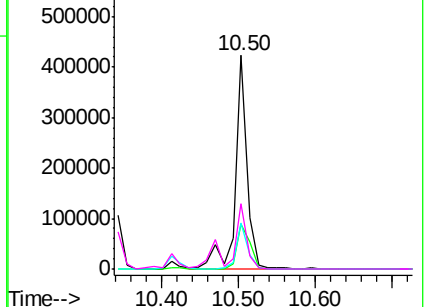


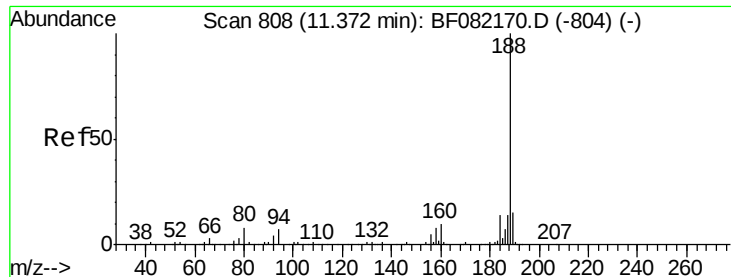
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

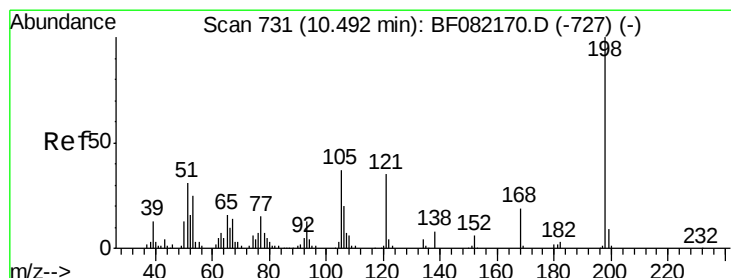
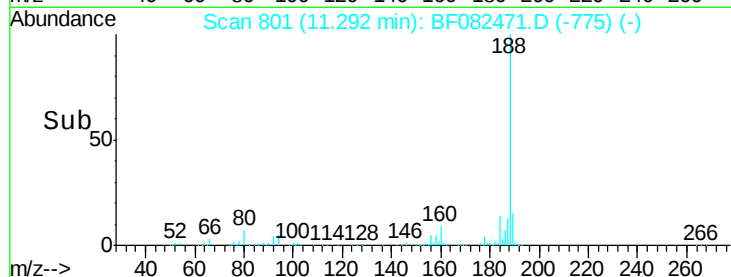
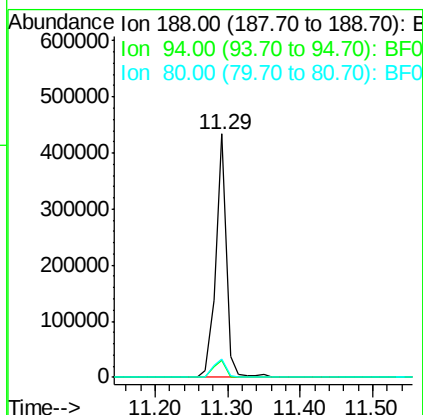
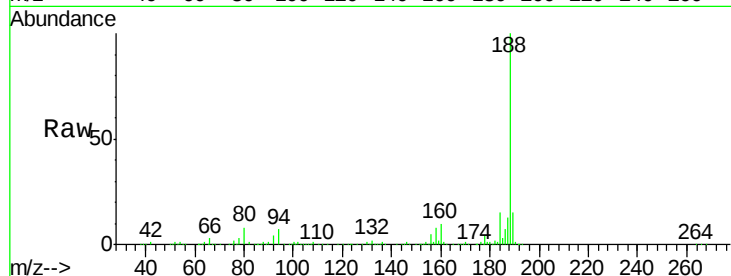
Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Tot Ion:188 Resp: 440192

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	7.7	6.4	9.6



#64

4,6-Dinitro-2-methylphenol

Concen: 29.25 ng

RT: 10.41 min Scan# 724

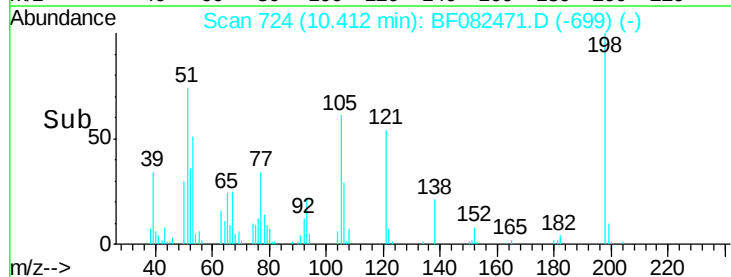
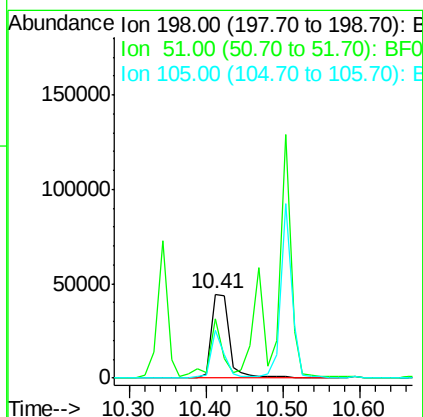
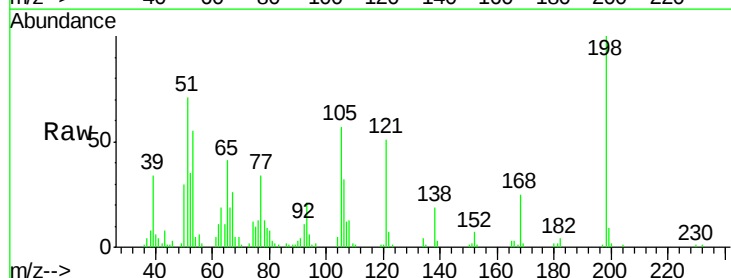
Delta R.T. -0.01 min

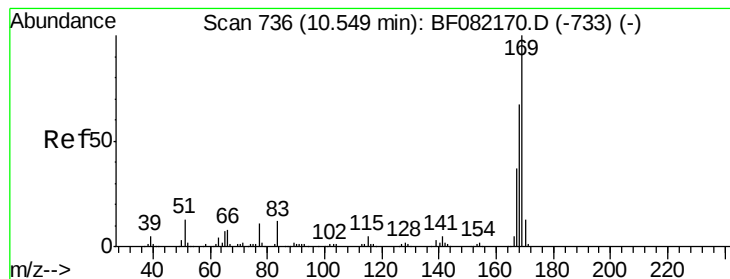
Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Tgt Ion:198 Resp: 72251

Ion	Ratio	Lower	Upper
198	100		
51	70.5	13.6	53.6#
105	57.3	17.1	57.1#

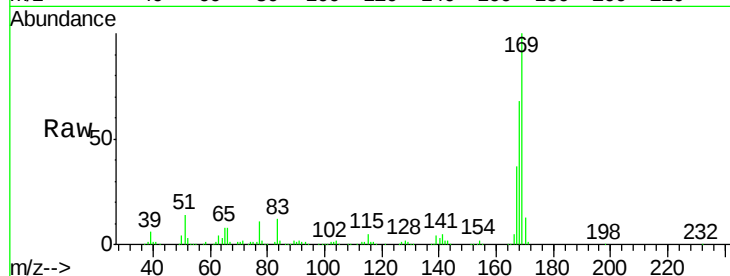




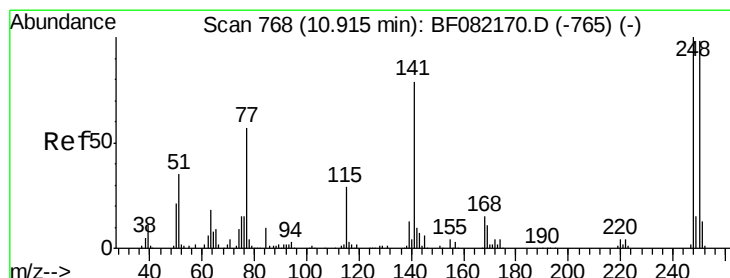
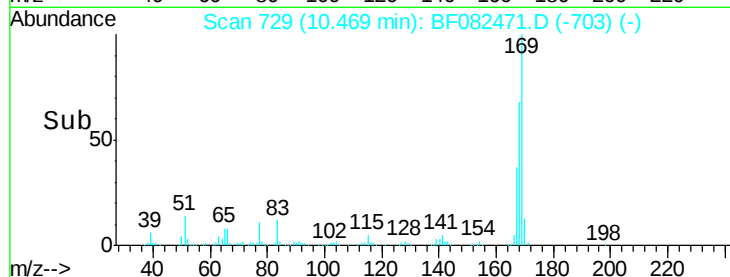
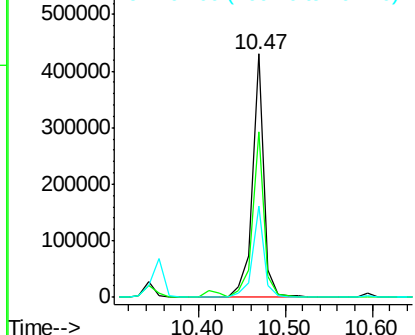
#65
 n-Nitrosodiphenylamine
 Concen: 30.73 ng
 RT: 10.47 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Tot Ion:169 Resp: 405005
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.0 81.0
 167 37.3 29.6 44.4

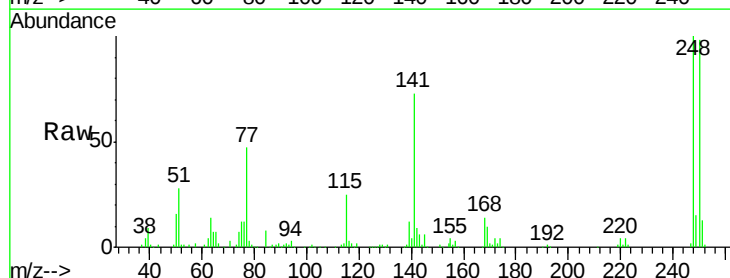


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

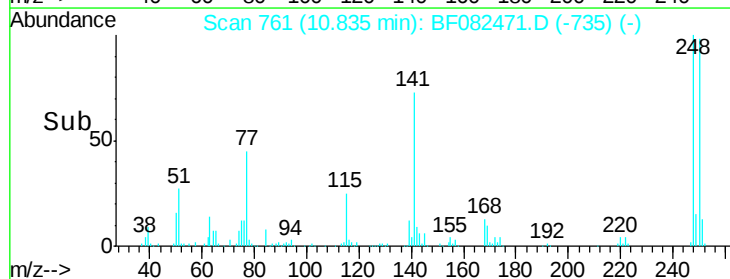
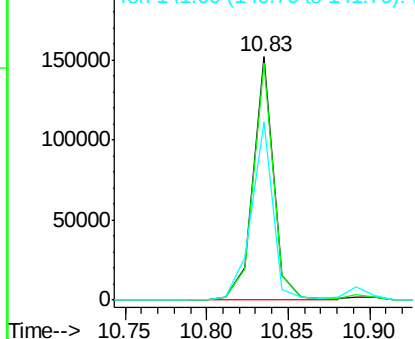


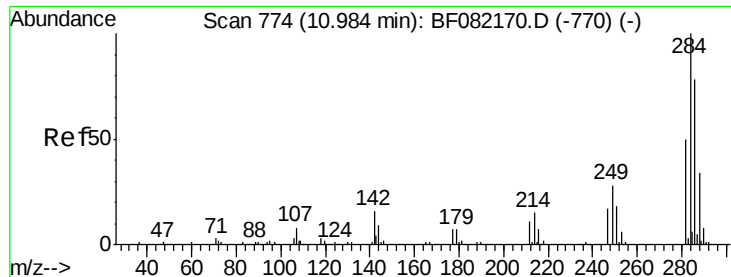
#66
 4-Bromophenyl-phenylether
 Concen: 30.24 ng
 RT: 10.83 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion:248 Resp: 133221
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.6 117.8
 141 73.5 63.3 94.9



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

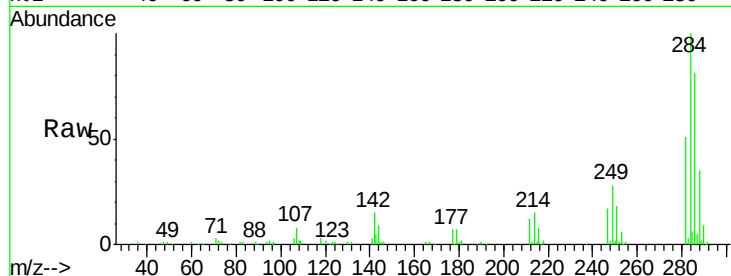




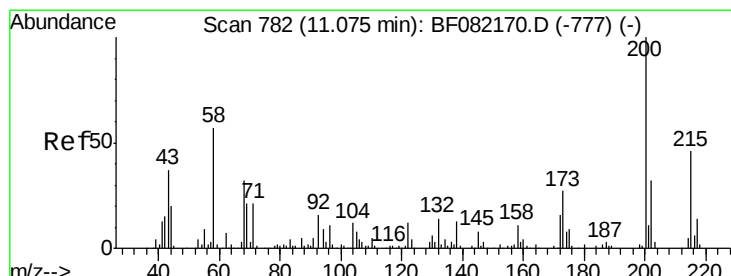
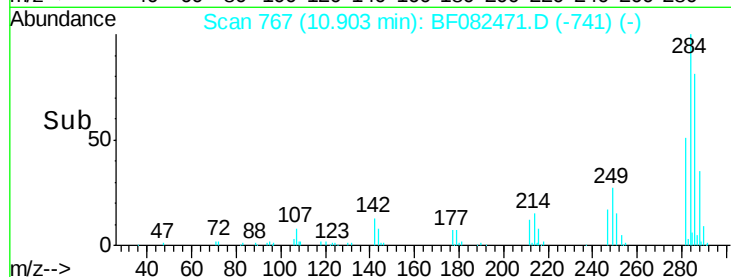
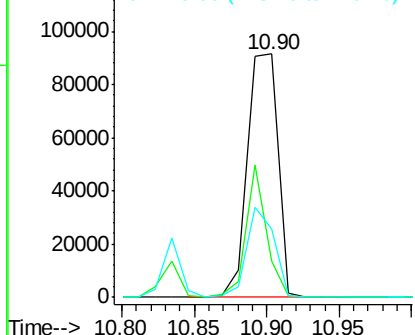
#67
Hexachlorobenzene
Concen: 28.08 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Tot Ion:284 Resp: 133808
Ion Ratio Lower Upper
284 100
142 14.8 13.0 19.6
249 27.9 22.5 33.7

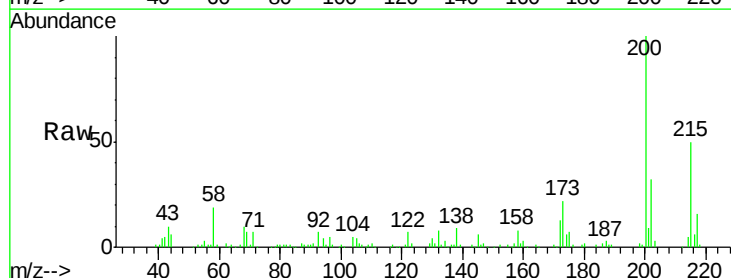


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

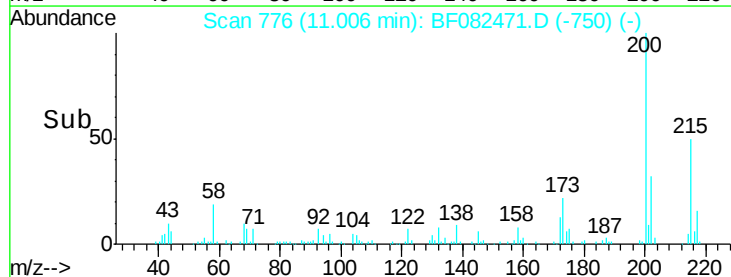
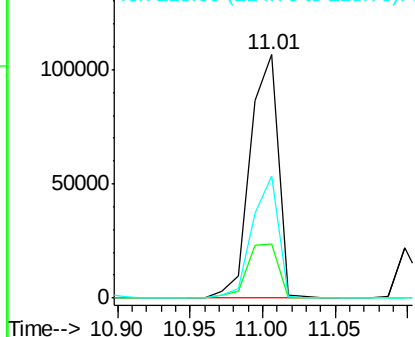


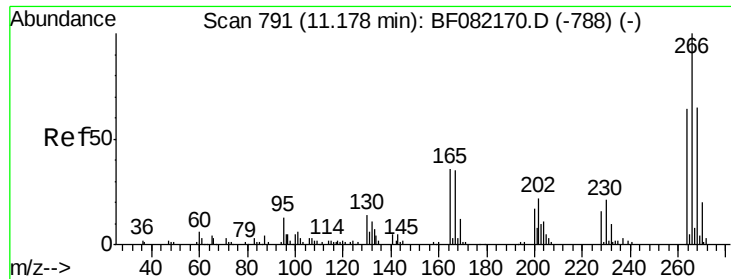
#68
Atrazine
Concen: 34.10 ng
RT: 11.01 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:200 Resp: 142380
Ion Ratio Lower Upper
200 100
173 22.3 7.3 47.3
215 49.9 26.2 66.2



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

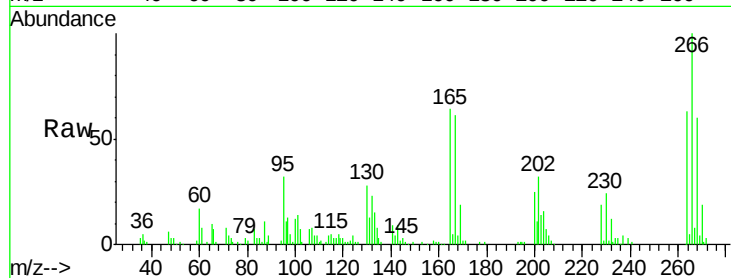




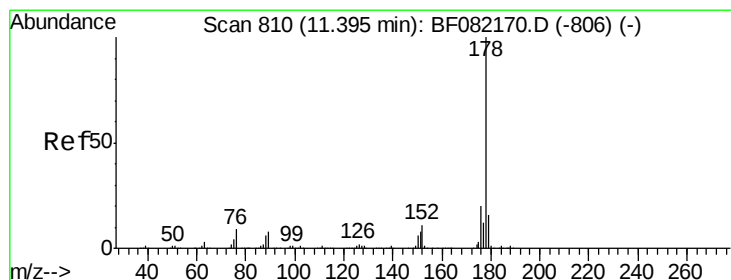
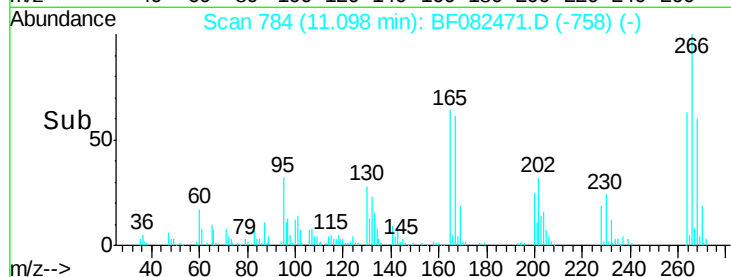
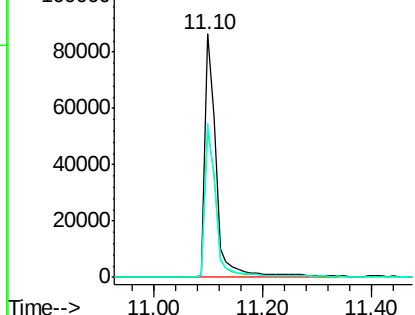
#69
 Pentachlorophenol
 Concen: 50.77 ng
 RT: 11.10 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Tot Ion:266 Resp: 124472
 Ion Ratio Lower Upper
 266 100
 268 60.0 52.0 78.0
 264 63.5 51.4 77.0

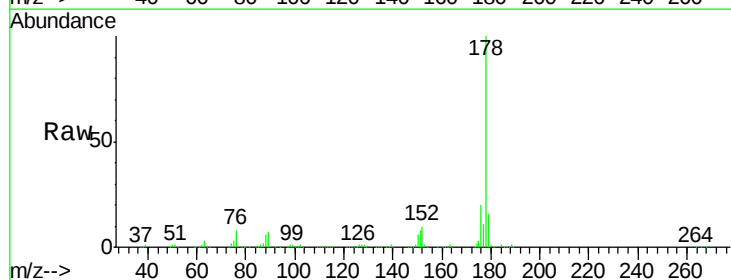


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

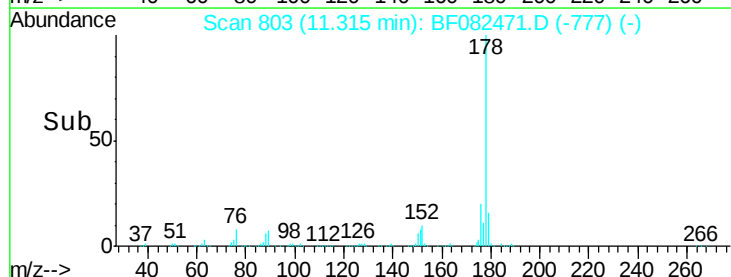
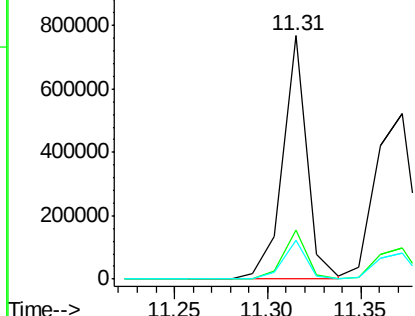


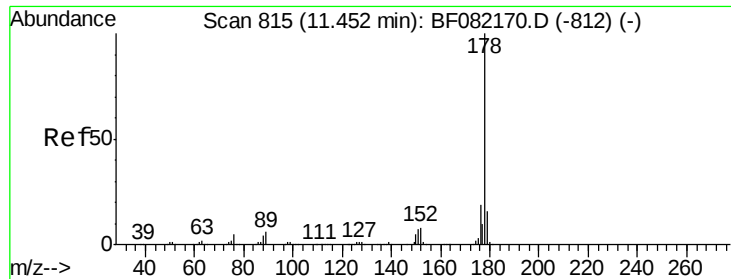
#70
 Phenanthrene
 Concen: 32.16 ng
 RT: 11.31 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion:178 Resp: 693929
 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

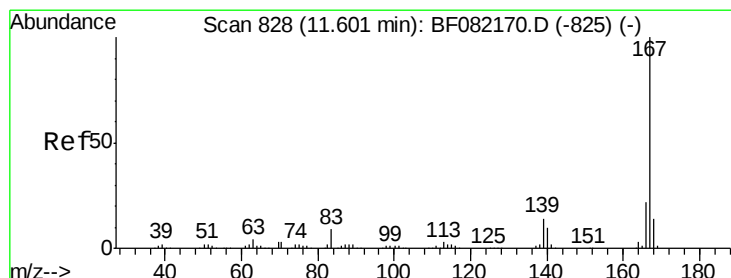
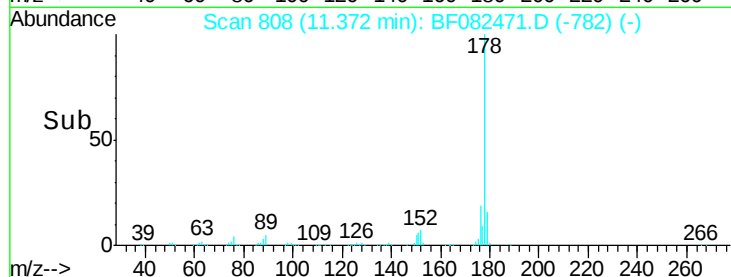
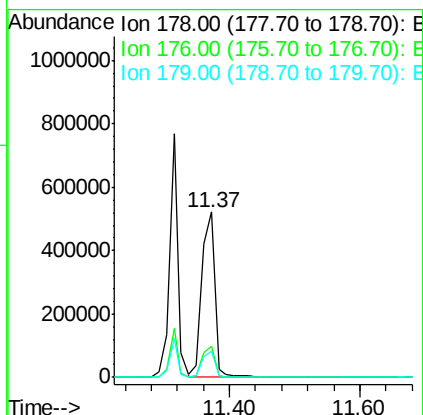
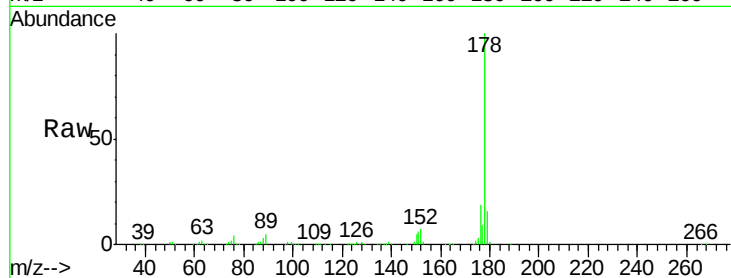




#71
 Anthracene
 Concen: 32.20 ng
 RT: 11.37 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

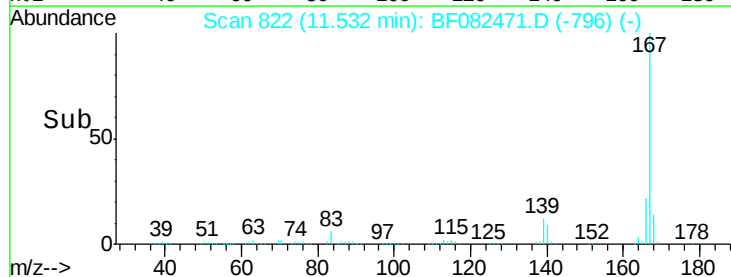
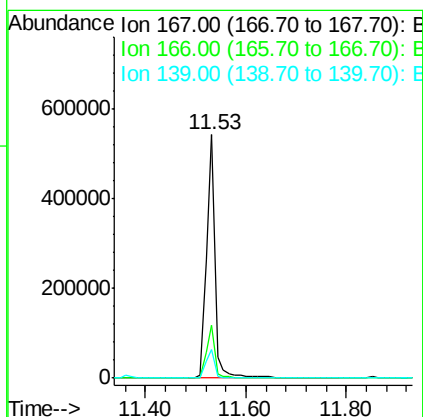
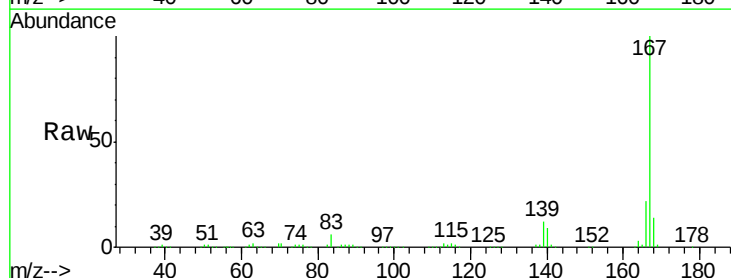
Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Tot Ion:178 Resp: 715900
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 31.69 ng
 RT: 11.53 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion:167 Resp: 642852
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.0 11.2 16.8





#73

Di-n-butylphthalate

Concen: 30.18 ng

RT: 11.85 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

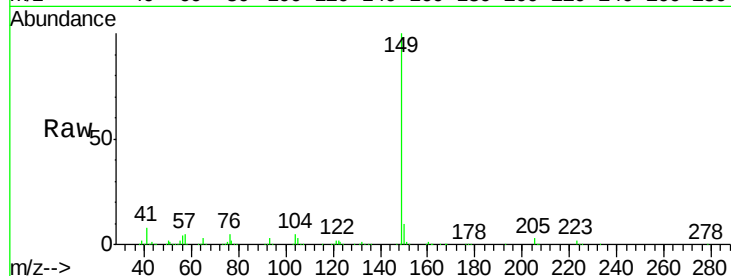
Tot Ion:149 Resp: 755130

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

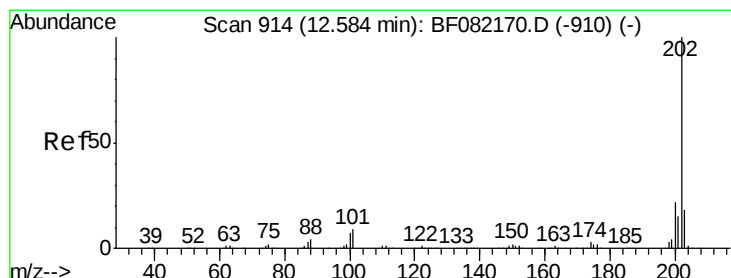
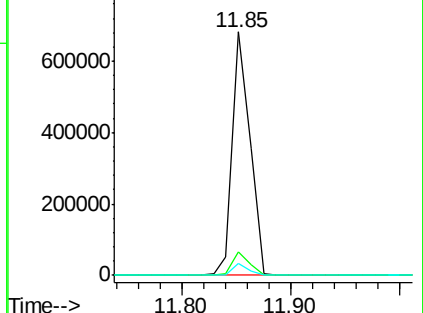
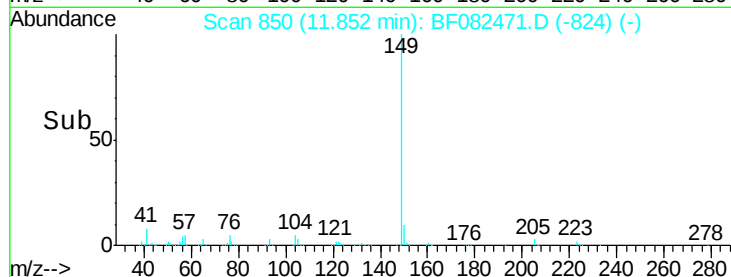
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.05 ng

RT: 12.50 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

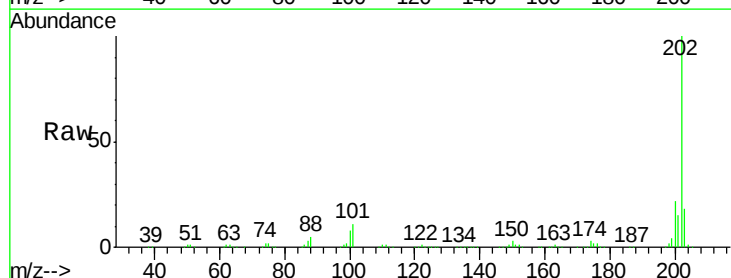
Tgt Ion:202 Resp: 719460

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.3

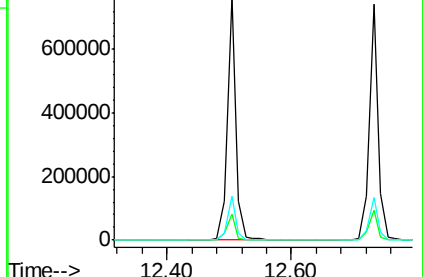
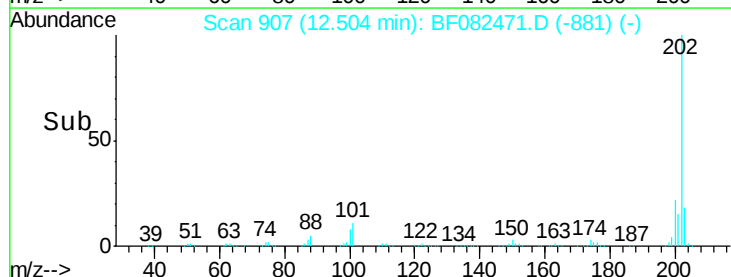
203 18.1 0.0 37.8

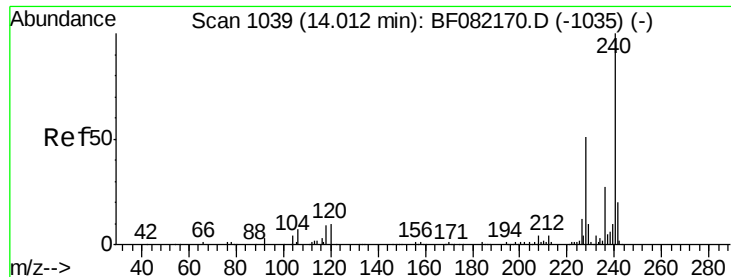


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

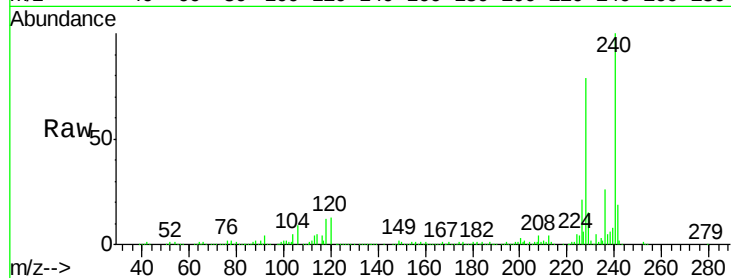
Tot Ion:240 Resp: 383607

Ion Ratio Lower Upper

240 100

120 13.0 8.1 12.1#

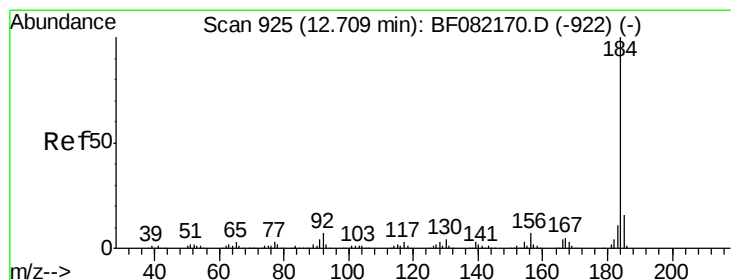
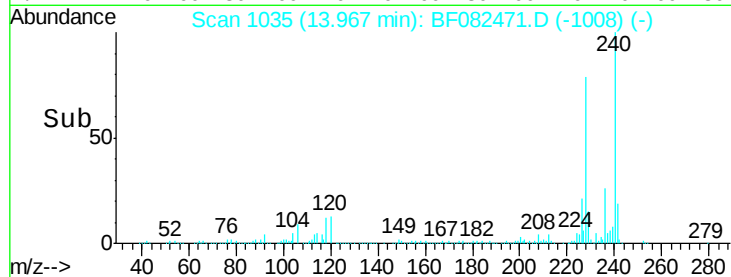
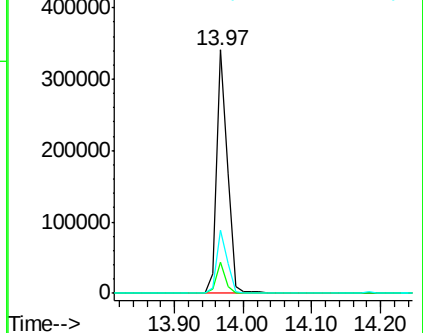
236 25.7 21.3 31.9



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: 21.88 ng

RT: 12.64 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

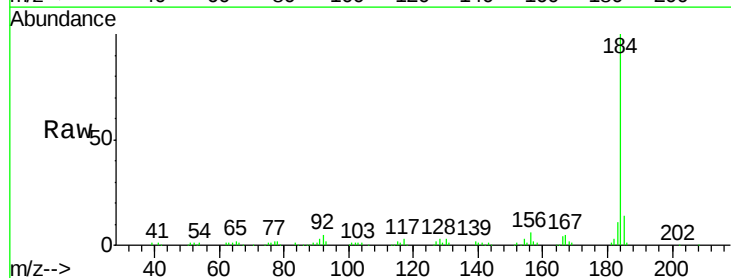
Tgt Ion:184 Resp: 243217

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

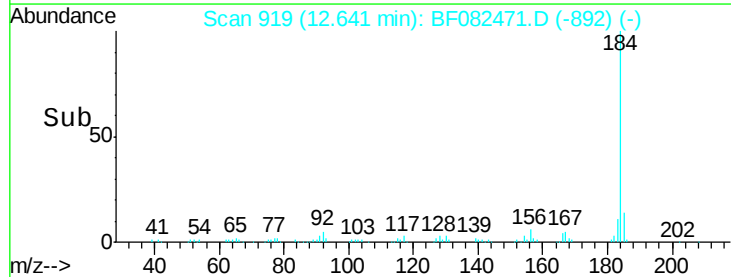
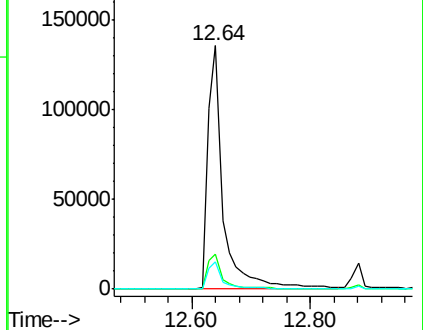
183 11.3 9.1 13.7

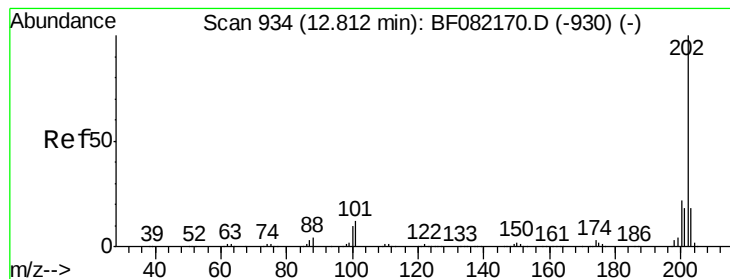


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.63 ng

RT: 12.73 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

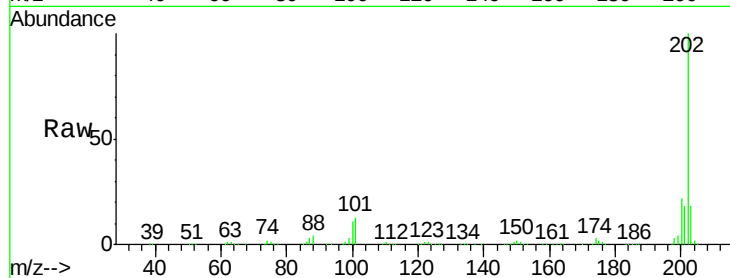
Tot Ion:202 Resp: 720157

Ion Ratio Lower Upper

202 100

200 22.0 17.9 26.9

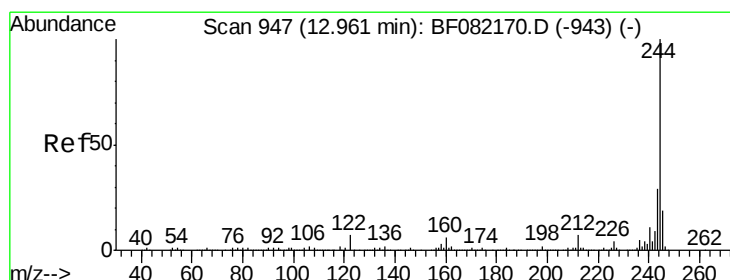
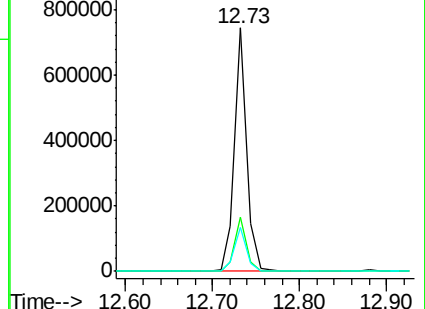
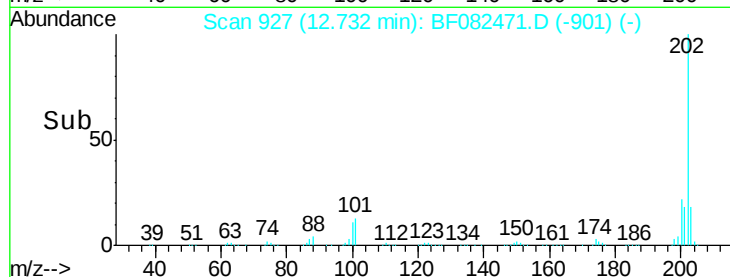
203 18.0 14.5 21.7



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: 62.47 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

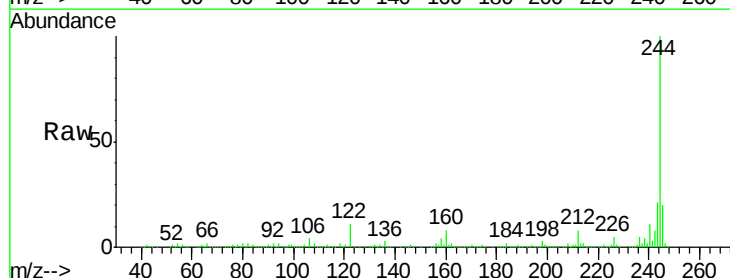
Tgt Ion:244 Resp: 904357

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

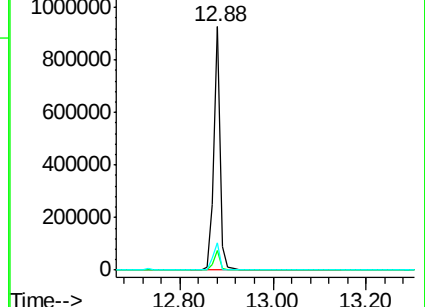
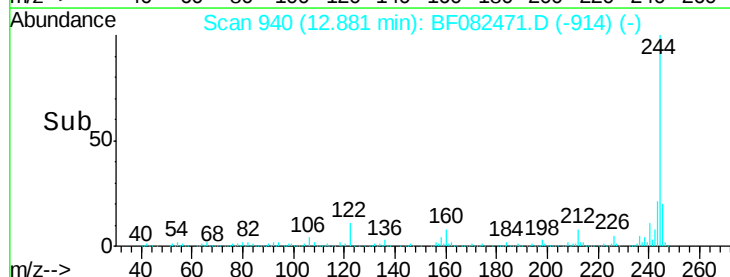
122 11.4 5.9 8.9#

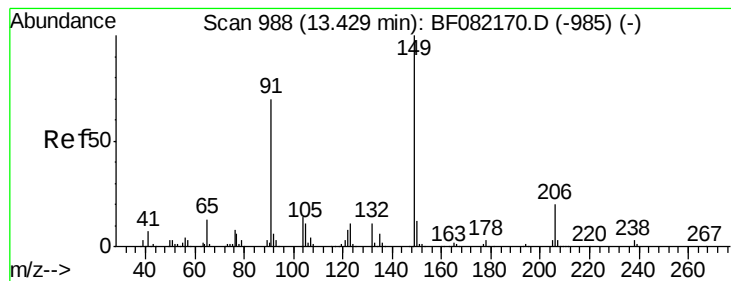


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 31.09 ng

RT: 13.36 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

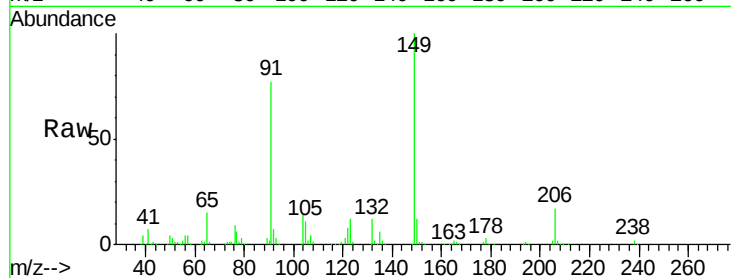
Tot Ion:149 Resp: 323043

Ion Ratio Lower Upper

149 100

91 77.4 55.7 83.5

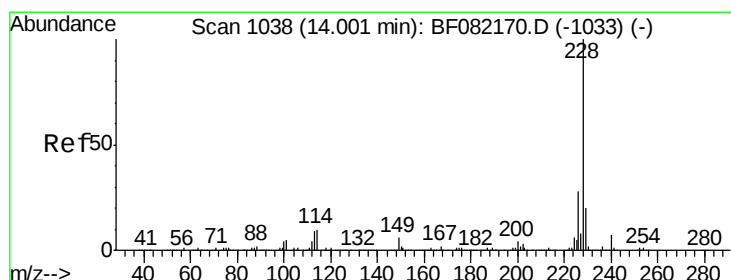
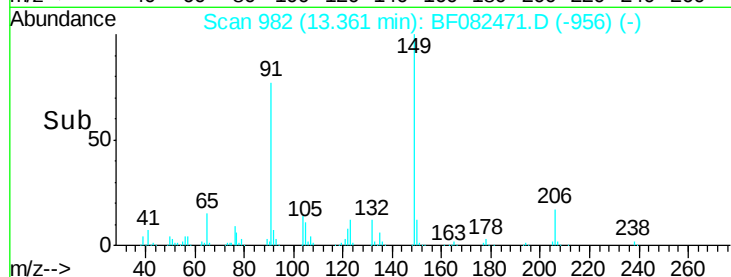
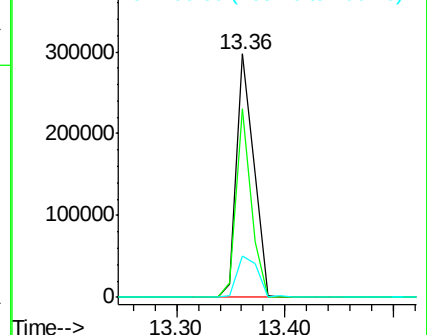
206 16.9 15.6 23.4



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: 30.21 ng

RT: 13.96 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

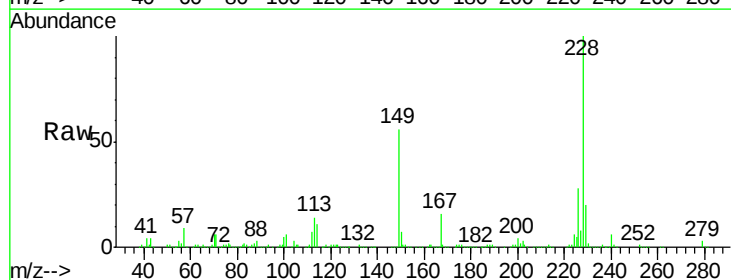
Tgt Ion:228 Resp: 603046

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

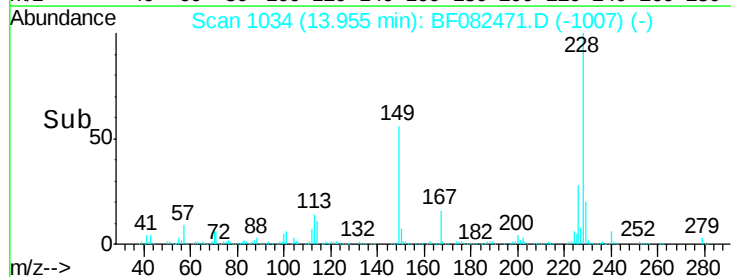
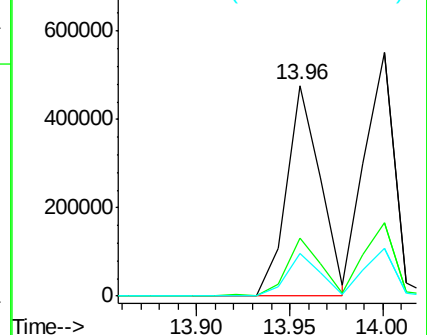
229 20.3 16.2 24.2

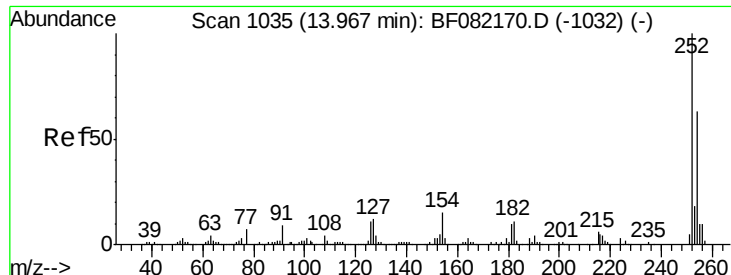


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

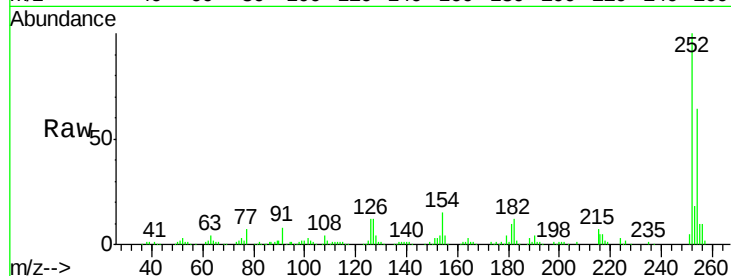




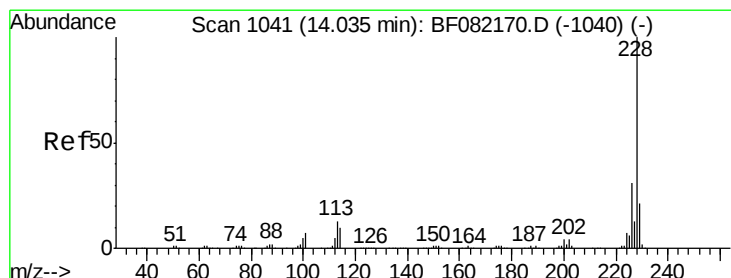
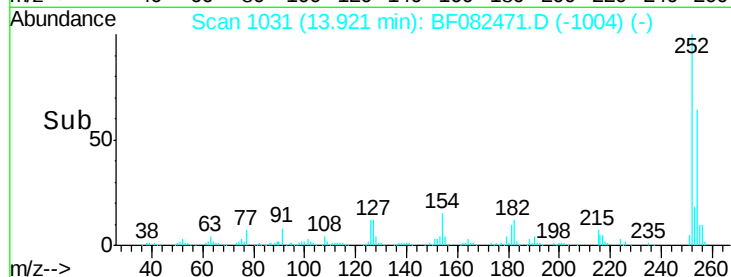
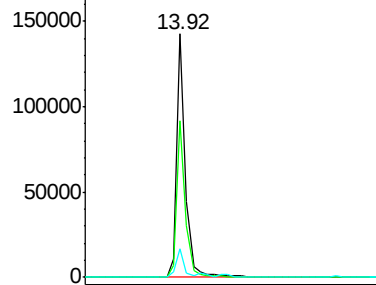
#81
 3,3'-Dichlorobenzidine
 Concen: 19.76 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

Tot Ion:252 Resp: 149672
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.7 76.1
 126 11.6 9.0 13.6

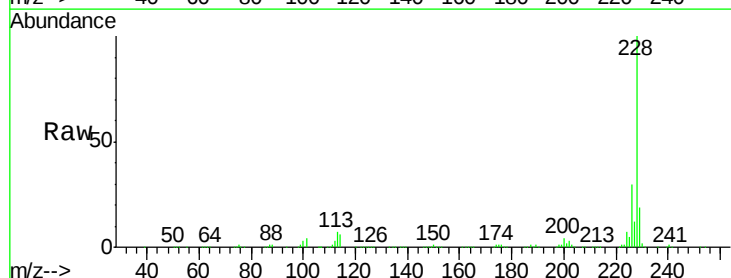


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

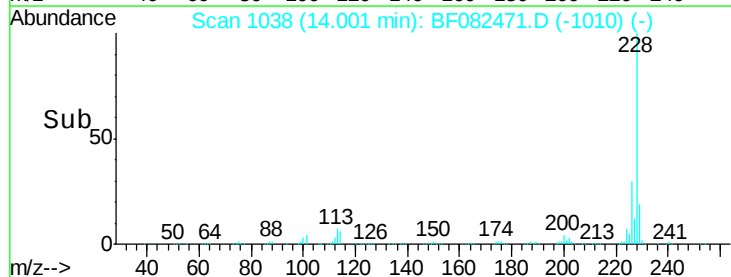
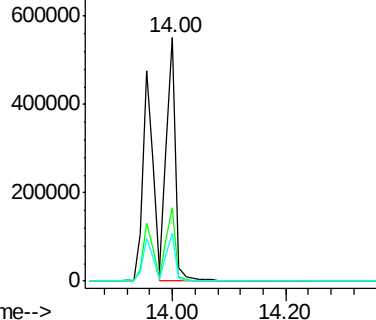


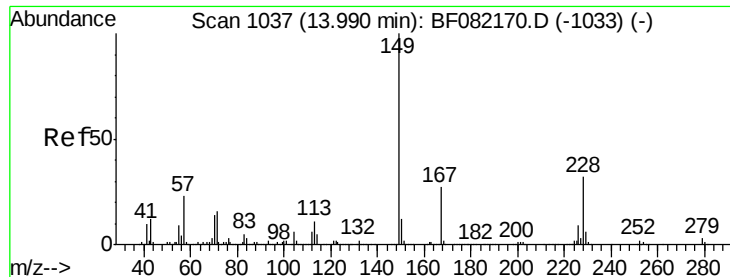
#82
 Chrysene
 Concen: 29.96 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. 0.02 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion:228 Resp: 630185
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.4 36.6
 229 19.4 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.52 ng

RT: 13.94 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

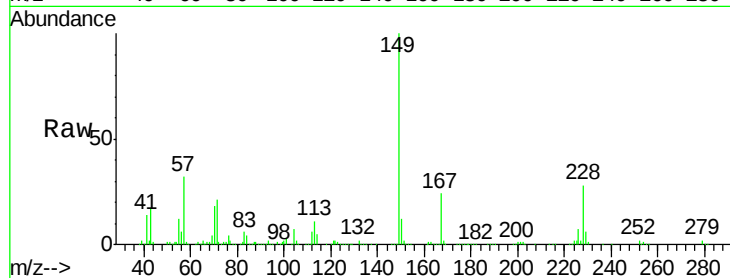
Tot Ion:149 Resp: 467203

Ion Ratio Lower Upper

149 100

167 24.5 21.3 31.9

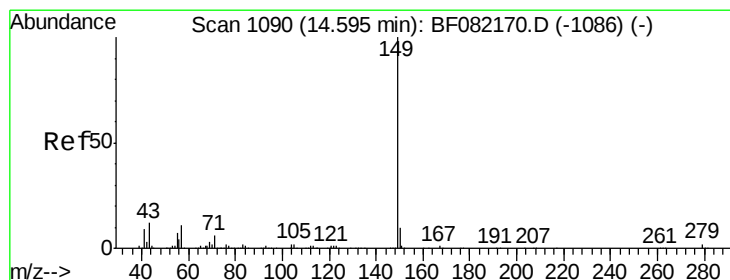
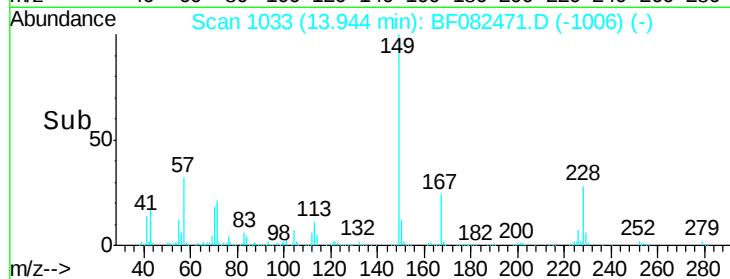
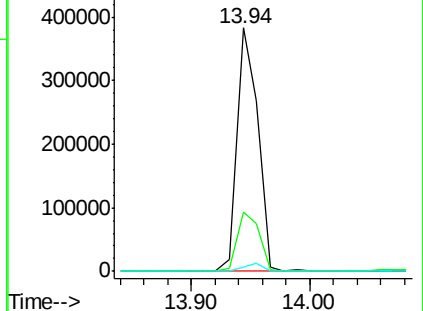
279 1.9 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.82 ng

RT: 14.62 min Scan# 1092

Delta R.T. 0.03 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

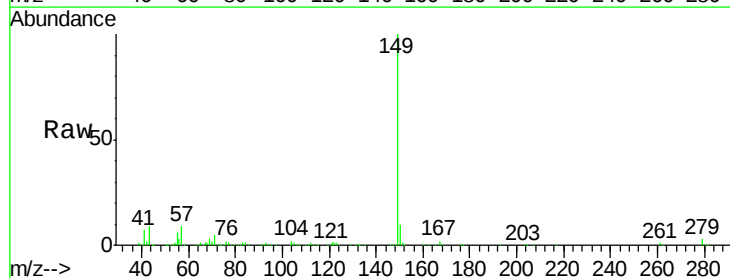
Tgt Ion:149 Resp: 809958

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

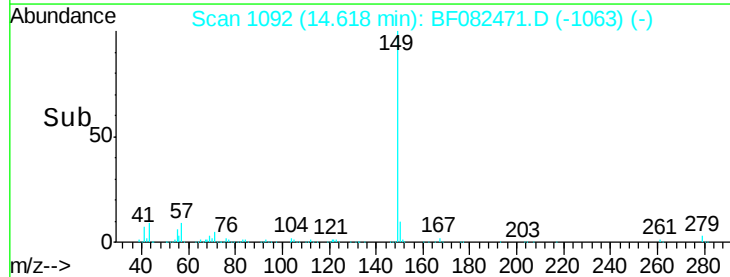
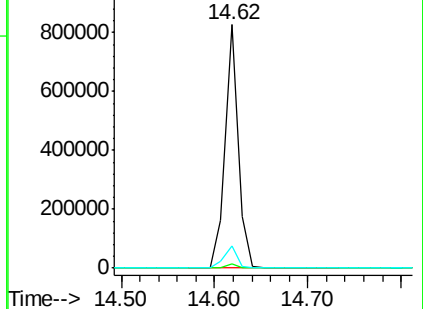
43 9.1 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

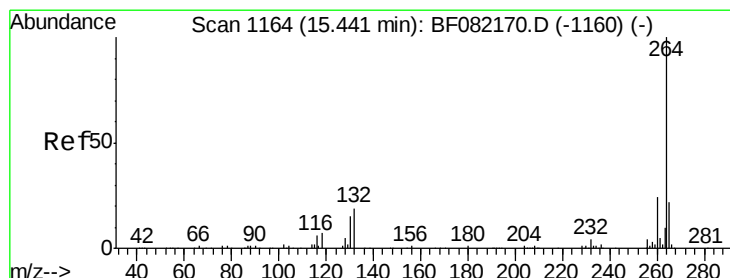
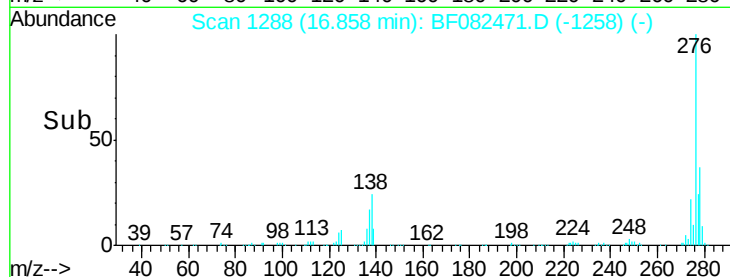
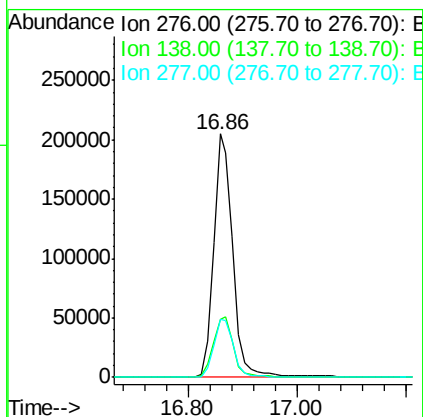
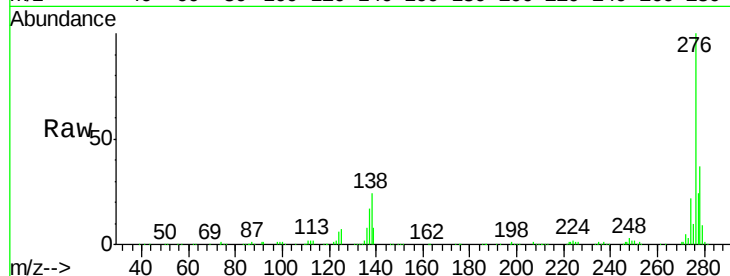




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.40 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.05 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

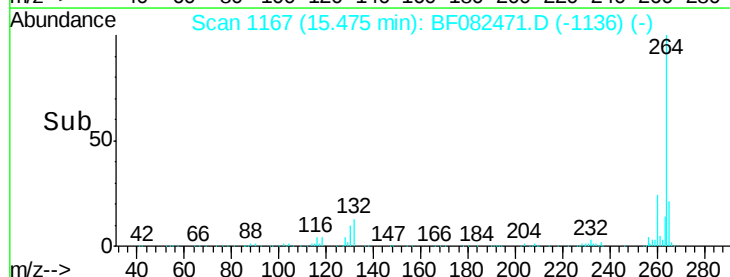
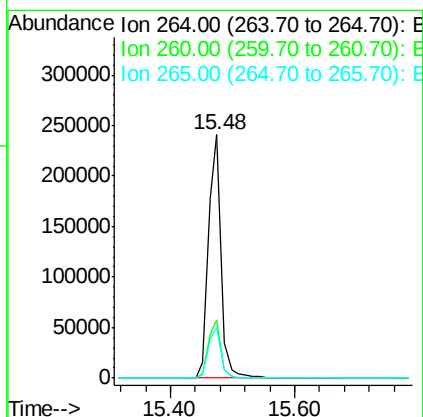
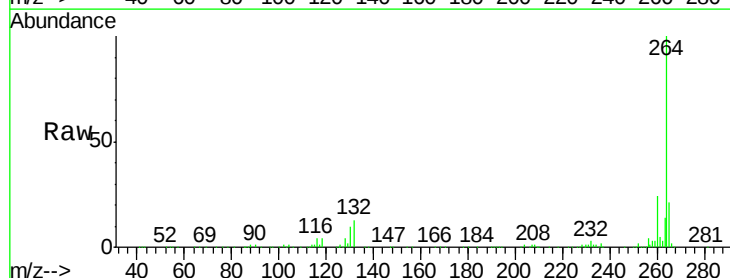
Instrument :
 BNA_F
 ClientSampleId :
 PB86188BS

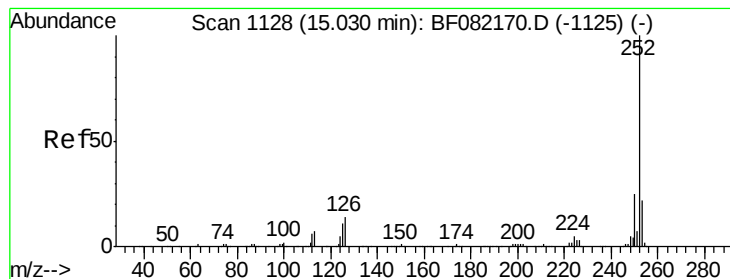
Tot Ion:276 Resp: 508146
 Ion Ratio Lower Upper
 276 100
 138 26.5 19.7 29.5
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. 0.06 min
 Lab File: BF082471.D
 Acq: 23 Oct 2015 18:00

Tgt Ion:264 Resp: 337206
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 20.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 28.24 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.05 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

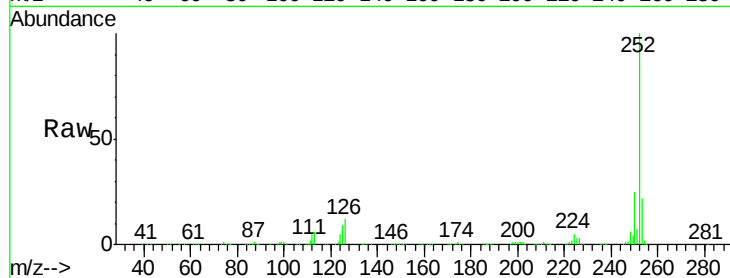
Tot Ion:252 Resp: 579434

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

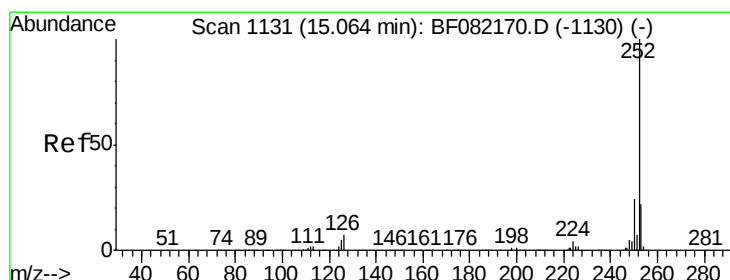
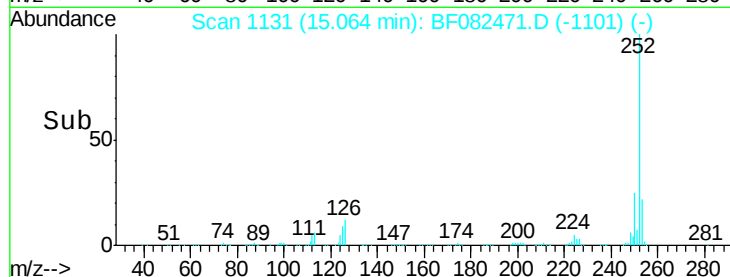
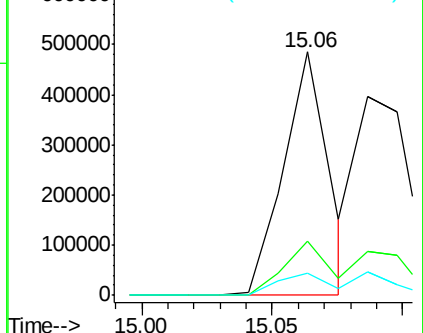
125 9.1 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.60 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.02 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

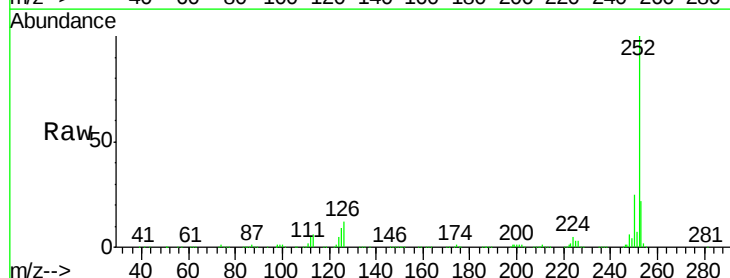
Tgt Ion:252 Resp: 579434

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

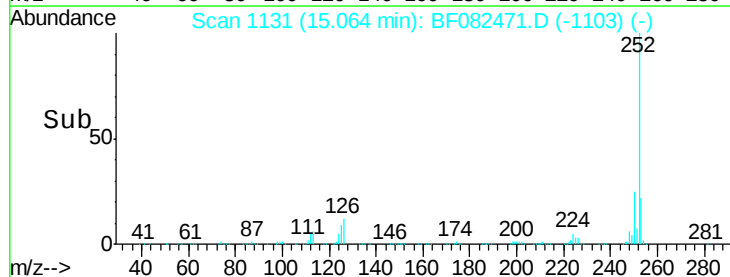
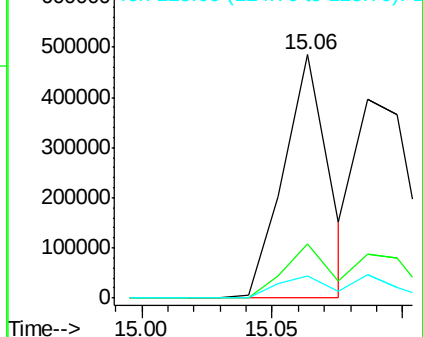
125 9.1 6.7 10.1

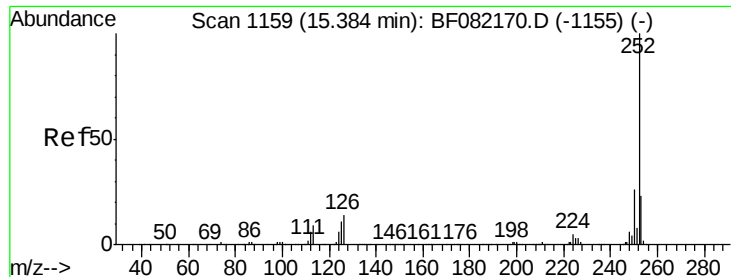


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

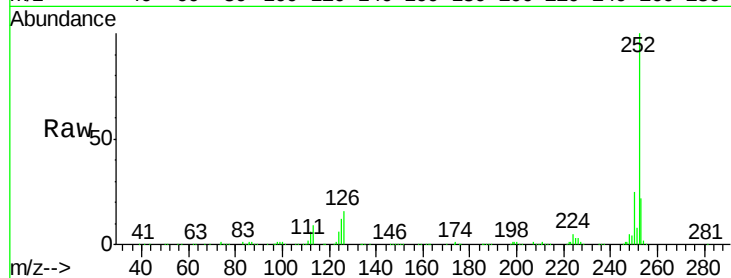




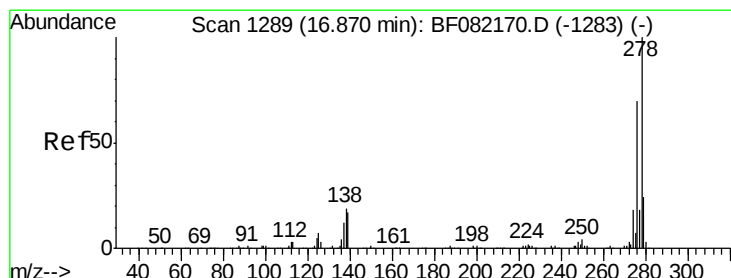
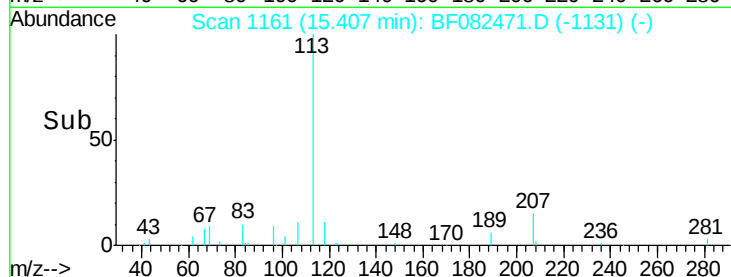
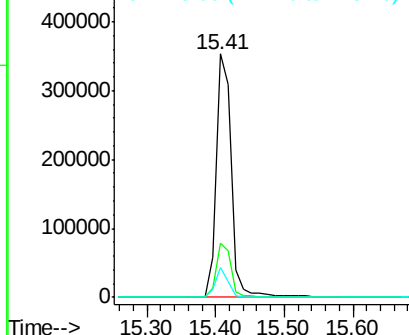
#89
Benzo(a)pyrene
Concen: 31.00 ng
RT: 15.41 min Scan# 1161
Delta R.T. 0.05 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Tot Ion:252 Resp: 546637
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 12.2 8.9 13.3

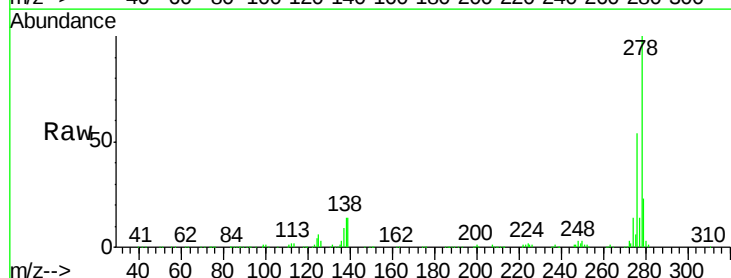


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

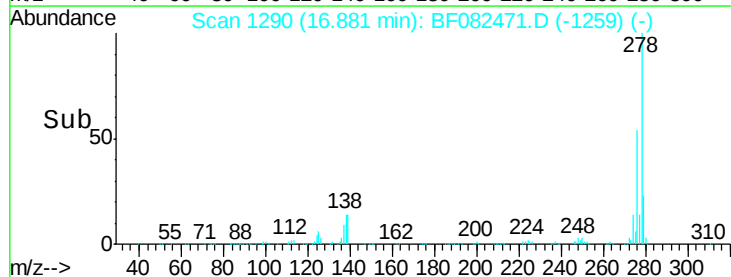
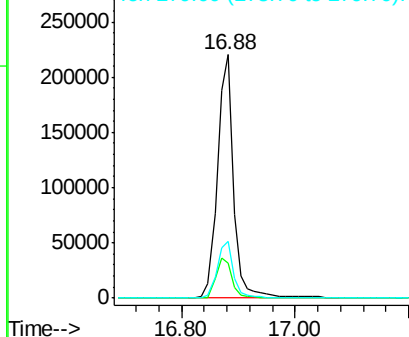


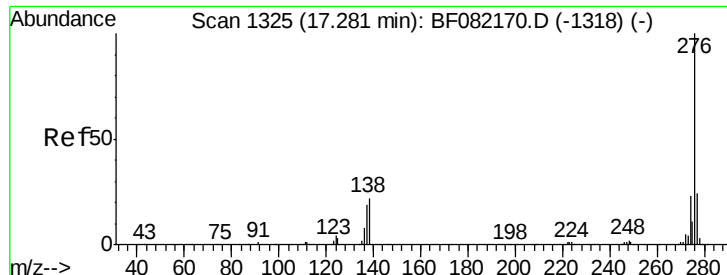
#90
Dibenzo(a,h)anthracene
Concen: 30.08 ng
RT: 16.88 min Scan# 1290
Delta R.T. 0.06 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:278 Resp: 434672
Ion Ratio Lower Upper
278 100
139 14.4 13.3 19.9
279 23.3 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: 29.88 ng

RT: 17.28 min Scan# 1325

Delta R.T. 0.06 min

Lab File: BF082471.D

Acq: 23 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PB86188BS

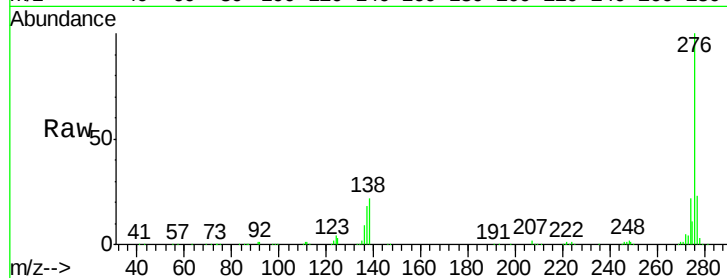
Tot Ion:276 Resp: 419361

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 21.6 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

