

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082402.D
 Acq On : 21 Oct 2015 14:13
 Operator : UM/IZ
 Sample : PB86203BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Quant Time: Oct 22 09:20:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	101381	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	392200	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	202410	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	385859	20.00	ng	0.00
75) Chrysene-d12	14.05	240	349489	20.00	ng	0.03
86) Perylene-d12	15.62	264	277591	20.00	ng	0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	525950	104.70	ng	0.01
7) Phenol-d6	6.42	99	693615	106.11	ng	0.00
23) Nitrobenzene-d5	7.35	82	432707	74.09	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	164947	86.90	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	889958	72.92	ng	0.00
78) Terphenyl-d14	12.91	244	923268	70.00	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	71023	28.14	ng	98
3) Pyridine	3.07	79	189809	32.34	ng	96
4) n-Nitrosodimethylamine	3.04	42	78206	31.41	ng	99
6) Aniline	6.43	93	118703	14.08	ng	# 15
8) 2-Chlorophenol	6.56	128	193607	31.57	ng	100
9) Benzaldehyde	6.32	77	80884	24.23	ng	93
10) Phenol	6.43	94	217850	28.90	ng	94
11) bis(2-Chloroethyl)ether	6.51	93	200252	31.42	ng	99
12) 1,3-Dichlorobenzene	6.71	146	234477	32.83	ng	98
13) 1,4-Dichlorobenzene	6.79	146	238737	32.01	ng	99
14) 1,2-Dichlorobenzene	6.94	146	216830	30.62	ng	97
15) Benzyl Alcohol	6.93	79	157521	34.91	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	274397	30.92	ng	87
17) 2-Methylphenol	7.04	107	160783	33.16	ng	99
18) Hexachloroethane	7.28	117	82170	32.19	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	131288	28.60	ng	# 85
20) 3+4-Methylphenols	7.20	107	199016	34.44	ng	# 66
22) Acetophenone	7.19	105	264925	34.15	ng	# 91
24) Nitrobenzene	7.36	77	191129	30.23	ng	98
25) Isophorone	7.60	82	367848	31.21	ng	98
26) 2-Nitrophenol	7.68	139	109597	34.72	ng	92
27) 2,4-Dimethylphenol	7.73	122	190722	37.50	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	237729	34.66	ng	98
29) 2,4-Dichlorophenol	7.93	162	170510	33.54	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	180972	30.88	ng	97
31) Naphthalene	8.08	128	545409	32.08	ng	100
32) Benzoic acid	7.84	122	64798	18.98	ng	97
33) 4-Chloroaniline	8.14	127	74072	10.49	ng	96
34) Hexachlorobutadiene	8.19	225	107920	29.56	ng	98
35) Caprolactam	8.50	113	48391	32.80	ng	# 64
36) 4-Chloro-3-methylphenol	8.63	107	169062	34.01	ng	98
37) 2-Methylnaphthalene	8.78	142	404930	34.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	181420	30.13	ng	98
40) Hexachlorocyclopentadiene	8.93	237	142268	50.16	ng	98

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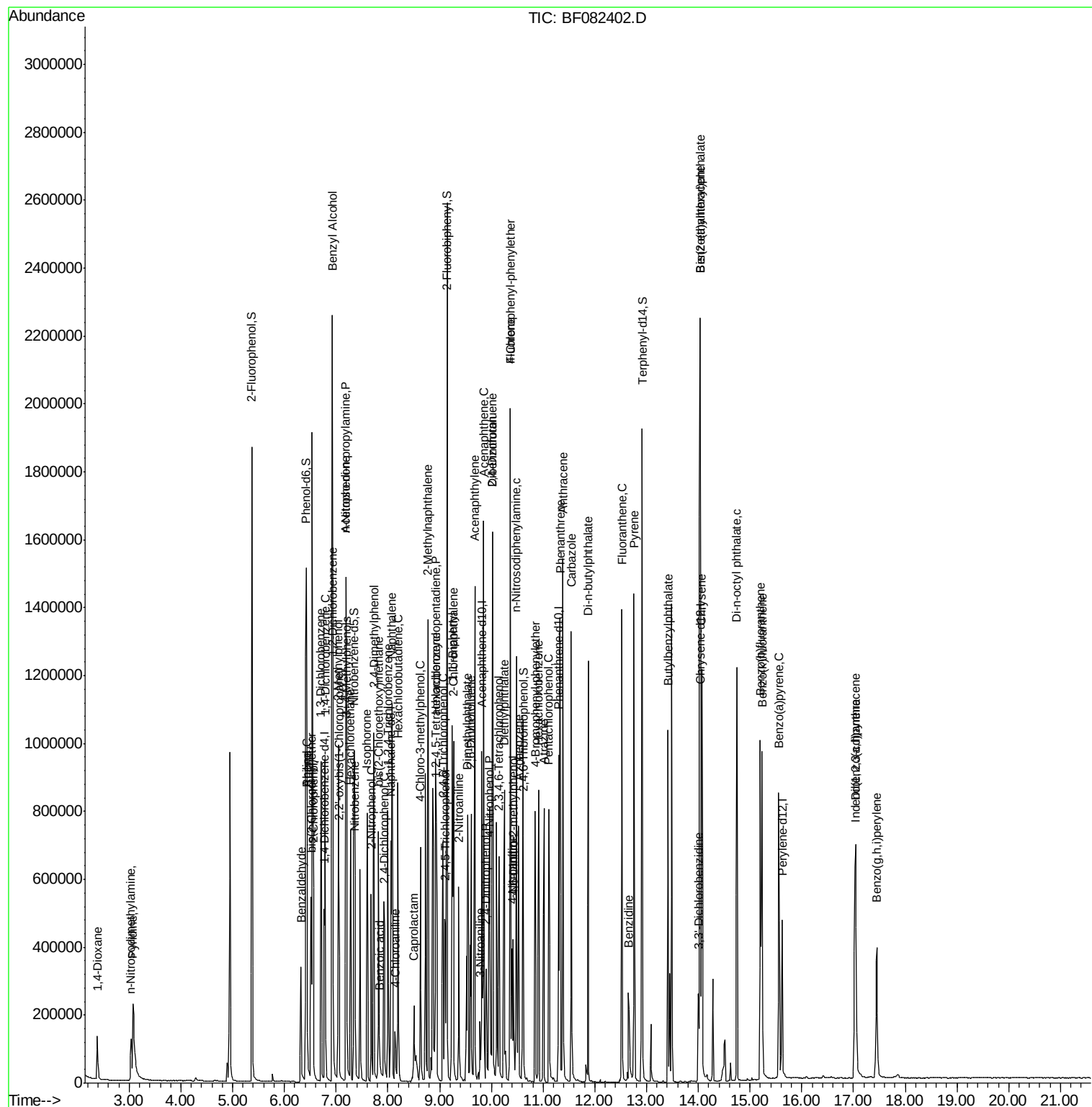
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	120729	30.19	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	127903	29.53	nq	95
45) 1,1'-Biphenyl	9.25	154	477441	30.93	nq	94
46) 2-Chloronaphthalene	9.27	162	379352	31.22	nq	99
47) 2-Nitroaniline	9.37	65	112705	33.79	nq	# 79
48) Acenaphthylene	9.68	152	617376	32.62	nq	99
49) Dimethylphthalate	9.54	163	422030	29.61	nq	99
50) 2,6-Dinitrotoluene	9.61	165	94637	31.47	nq	# 82
51) Acenaphthene	9.85	154	355216	31.26	nq	99
52) 3-Nitroaniline	9.78	138	41699	12.27	nq	93
53) 2,4-Dinitrophenol	9.90	184	80776	50.62	nq	90
54) Dibenzofuran	10.02	168	513135	32.89	nq	98
55) 4-Nitrophenol	9.95	139	116046	56.13	nq	# 79
56) 2,4-Dinitrotoluene	10.02	165	126544	33.66	nq	91
57) Fluorene	10.37	166	411738	32.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	112214	31.71	nq	95
59) Diethylphthalate	10.25	149	448030	33.72	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	192394	32.78	nq	# 81
61) 4-Nitroaniline	10.40	138	95845	29.09	nq	97
62) Azobenzene	10.53	77	424797	32.67	nq	84
64) 4,6-Dinitro-2-methylphenol	10.42	198	60584	27.98	nq	# 58
65) n-Nitrosodiphenylamine	10.48	169	350088	30.30	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	113960	29.51	nq	# 84
67) Hexachlorobenzene	10.91	284	132003	31.61	nq	# 88
68) Atrazine	11.02	200	137635	37.60	nq	97
69) Pentachlorophenol	11.11	266	118495	55.14	nq	97
70) Phenanthrene	11.33	178	614445	32.49	nq	100
71) Anthracene	11.38	178	695151	35.67	nq	100
72) Carbazole	11.54	167	604583	34.01	nq	98
73) Di-n-butylphthalate	11.87	149	748867	34.14	nq	98
74) Fluoranthene	12.53	202	709563	34.93	nq	98
76) Benzidine	12.65	184	209364	20.67	nq	99
77) Pyrene	12.75	202	661700	31.90	nq	99
79) Butylbenzylphthalate	13.42	149	314113	33.19	nq	89
80) Benzo(a)anthracene	14.04	228	597547	32.86	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	99065	14.35	nq	# 94
82) Chrysene	14.07	228	519774	27.13	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	425793	31.53	nq	98
84) Di-n-octyl phthalate	14.74	149	718766	30.99	nq	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	429949	28.23	nq	98
87) Benzo(b)fluoranthene	15.20	252	478729m	28.35	nq	
88) Benzo(k)fluoranthene	15.24	252	513068m	36.14	nq	
89) Benzo(a)pyrene	15.56	252	462318	31.85	nq	99
90) Dibenzo(a,h)anthracene	17.04	278	366069	30.78	nq	99
91) Benzo(g,h,i)perylene	17.45	276	346973	30.03	nq	99

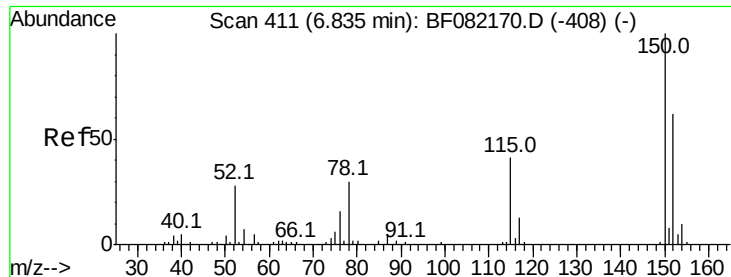
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

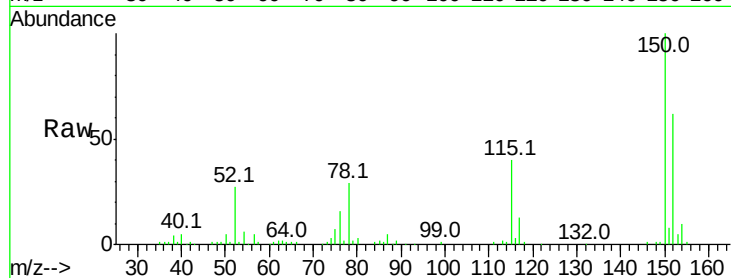
Tot Ion:152 Resp: 101381

Ion Ratio Lower Upper

152 100

150 162.2 129.0 193.4

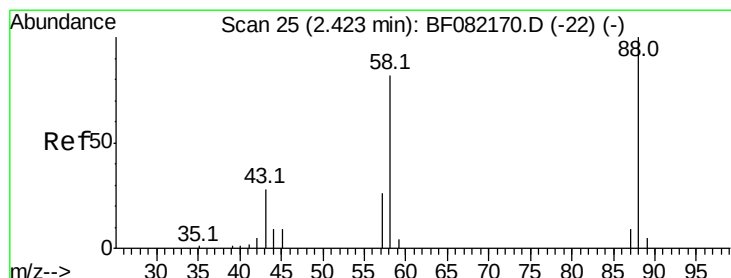
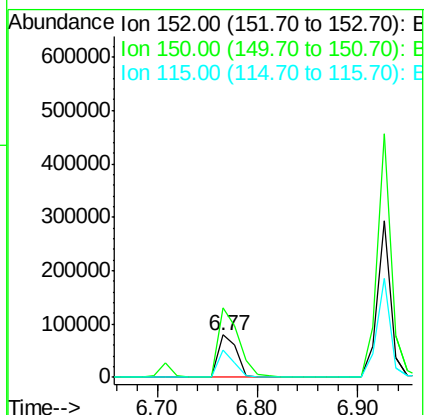
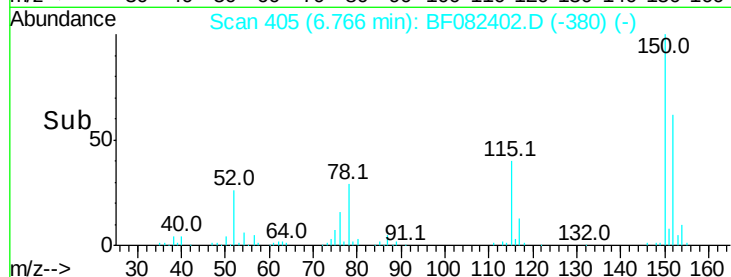
115 64.5 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.14 ng

RT: 2.39 min Scan# 22

Delta R.T. 0.09 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

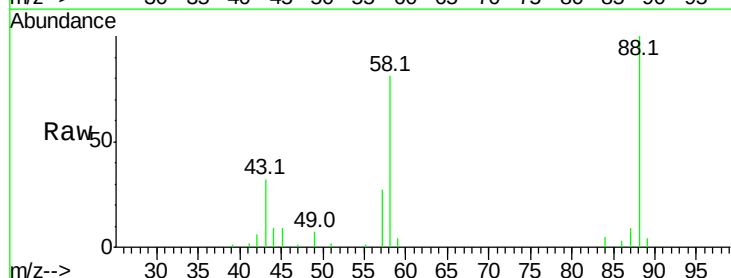
Tgt Ion: 88 Resp: 71023

Ion Ratio Lower Upper

88 100

58 82.0 66.2 99.4

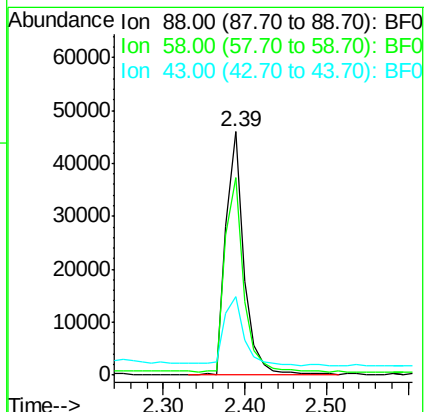
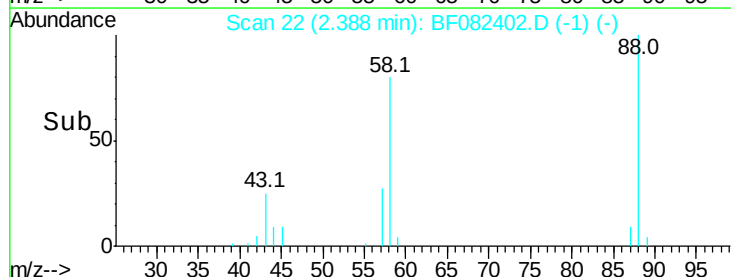
43 31.1 23.0 34.4

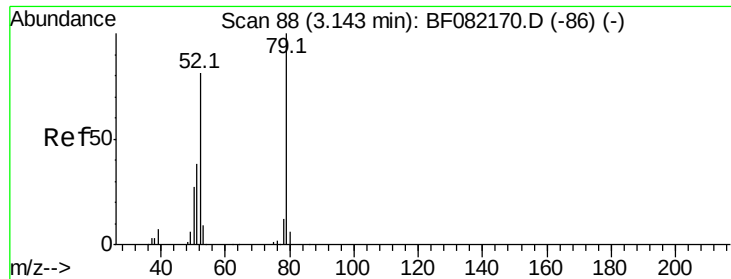


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

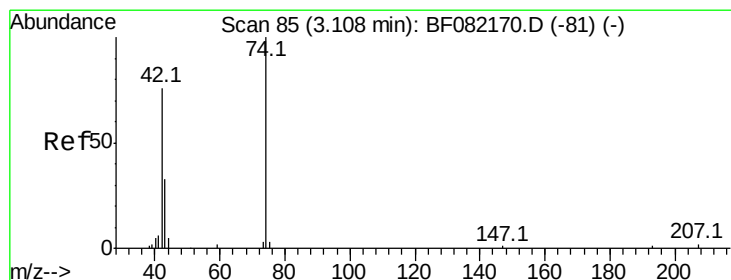
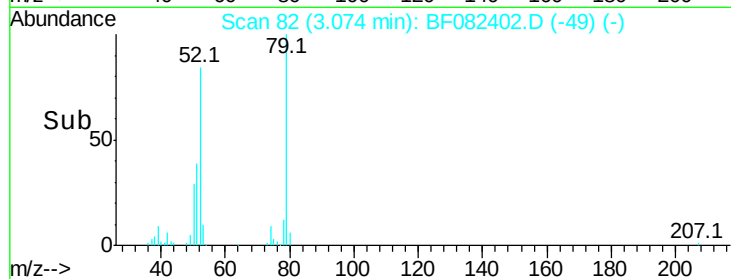
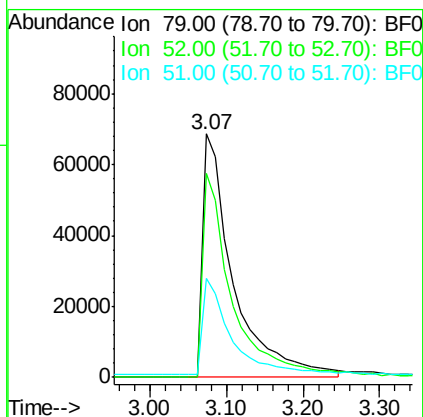
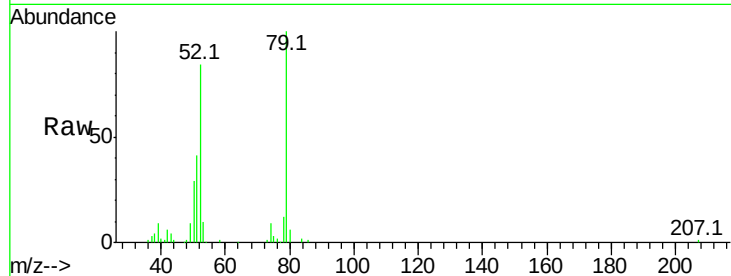




#3
 Pvridine
 Concen: 32.34 ng
 RT: 3.07 min Scan# 82
 Delta R.T. 0.08 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

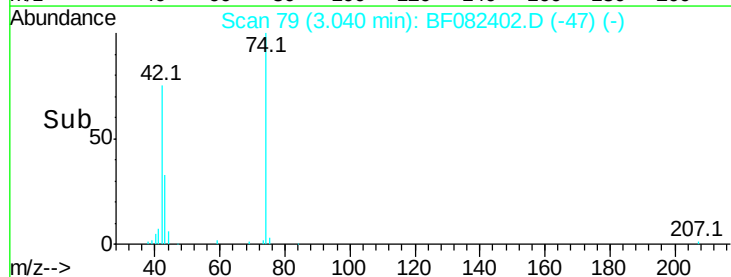
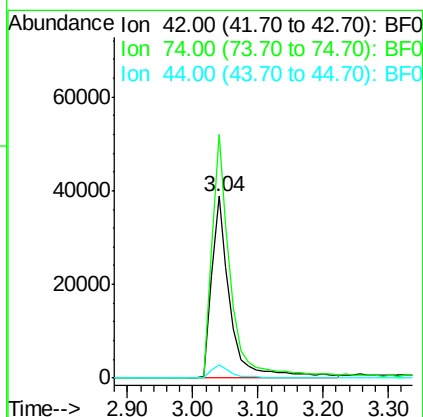
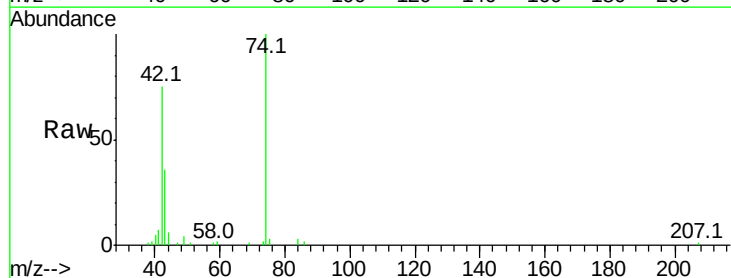
Instrument :
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 PB86203BS

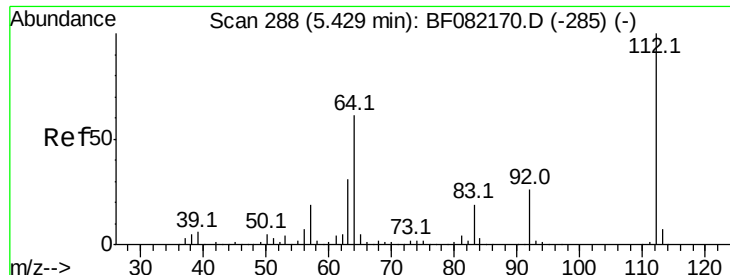
Tot Ion: 79 Resp: 189809
 Ion Ratio Lower Upper
 79 100
 52 84.0 64.4 96.6
 51 40.6 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 31.41 ng
 RT: 3.04 min Scan# 79
 Delta R.T. 0.07 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion: 42 Resp: 78206
 Ion Ratio Lower Upper
 42 100
 74 133.7 105.7 158.5
 44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 104.70 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

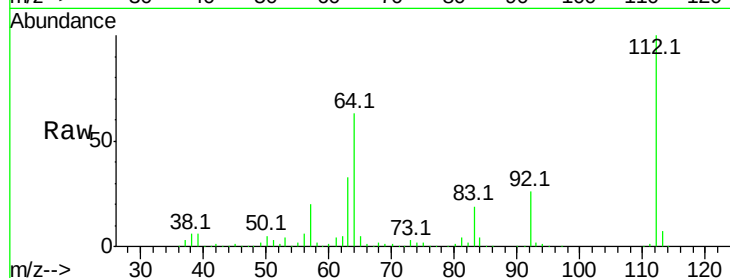
Tot Ion:112 Resp: 525950

Ion Ratio Lower Upper

112 100

64 62.6 48.6 73.0

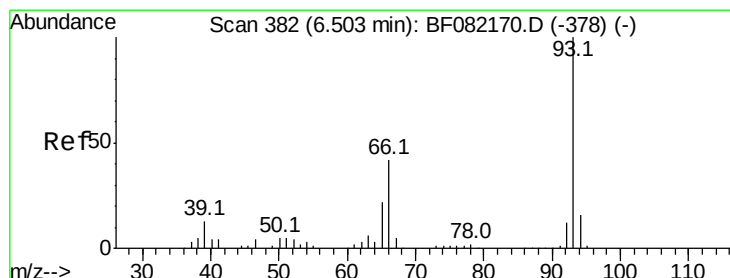
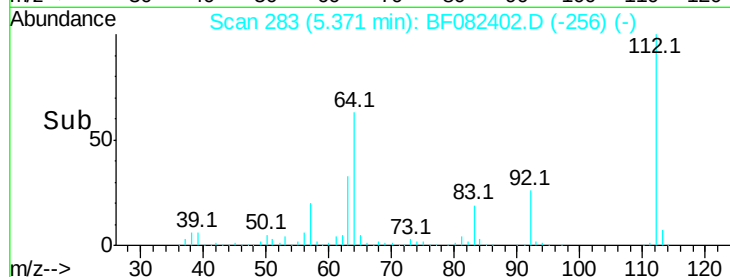
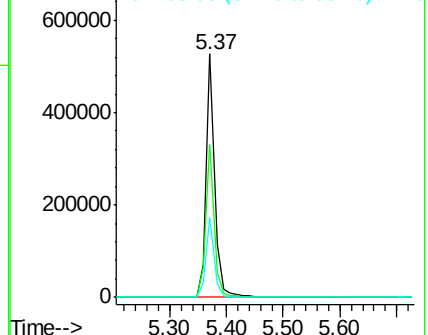
63 32.7 25.1 37.7



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: 14.08 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

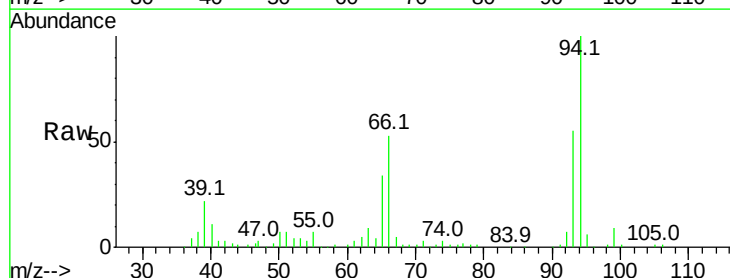
Tgt Ion: 93 Resp: 118703

Ion Ratio Lower Upper

93 100

66 97.0 34.2 51.2#

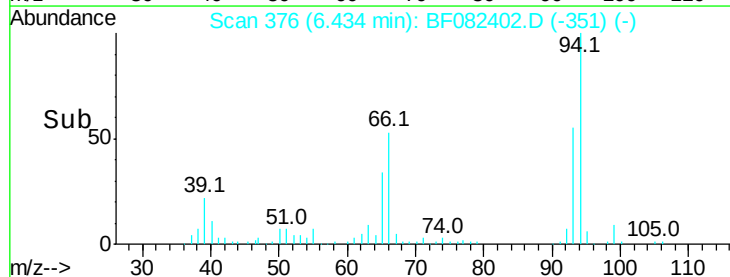
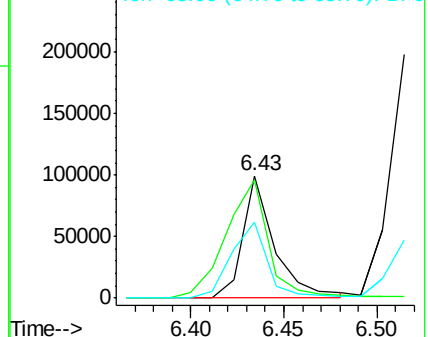
65 62.4 17.9 26.9#

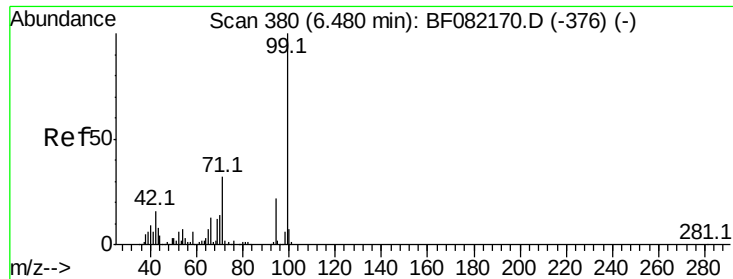


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.11 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082402.D

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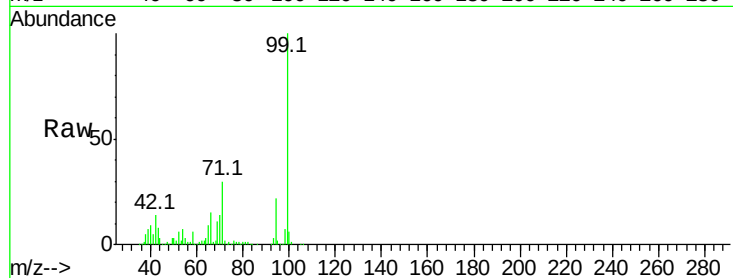
Tot Ion: 99 Resp: 693615

Ion Ratio Lower Upper

99 100

42 14.1 13.2 19.8

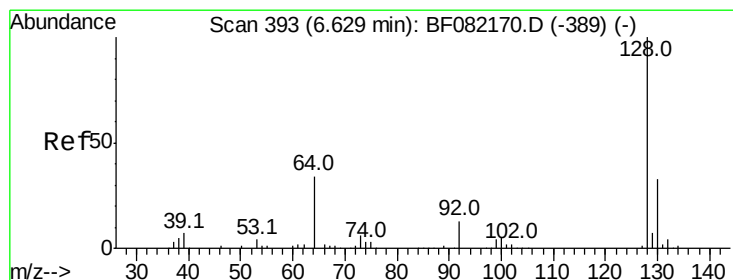
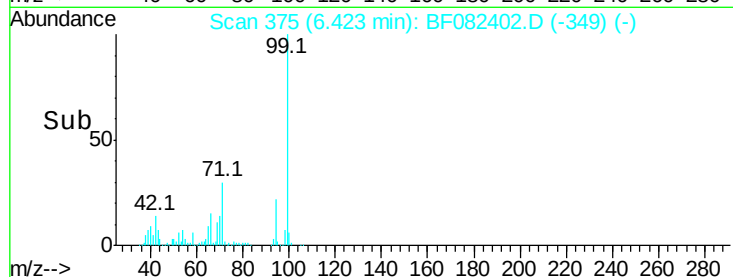
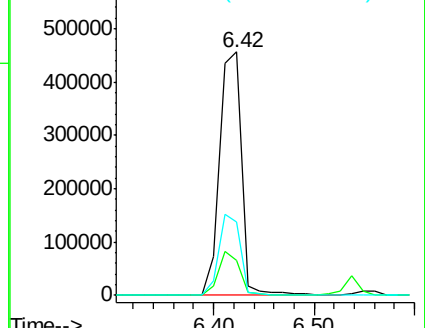
71 30.2 25.6 38.4



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



#8

2-Chlorophenol

Concen: 31.57 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

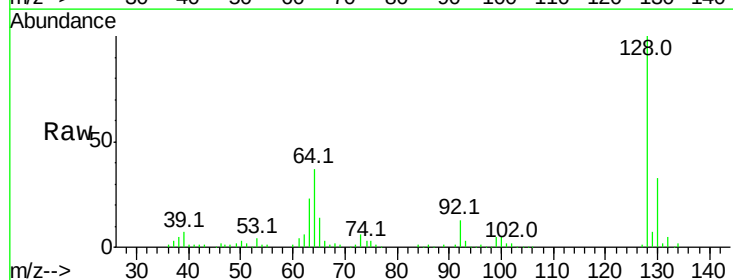
Tgt Ion:128 Resp: 193607

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

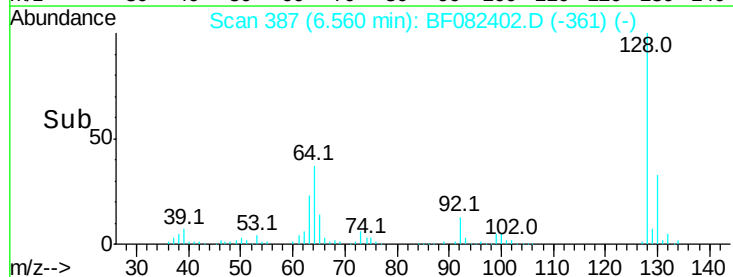
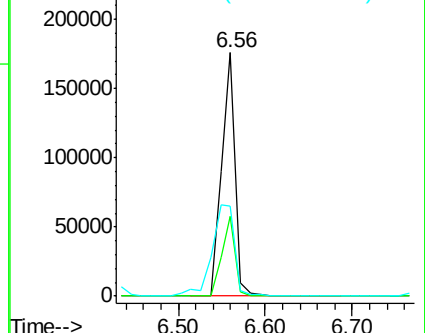
64 37.0 16.7 56.7

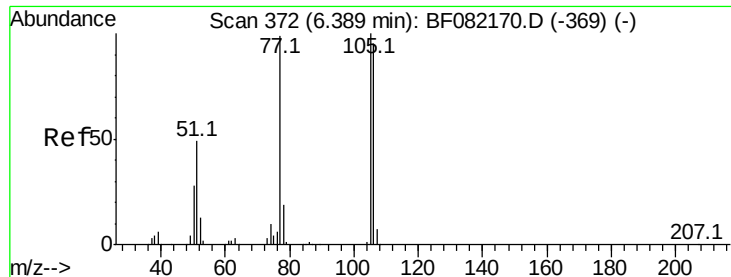


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.23 ng

RT: 6.32 min Scan# 366

Delta R.T. -0.00 min

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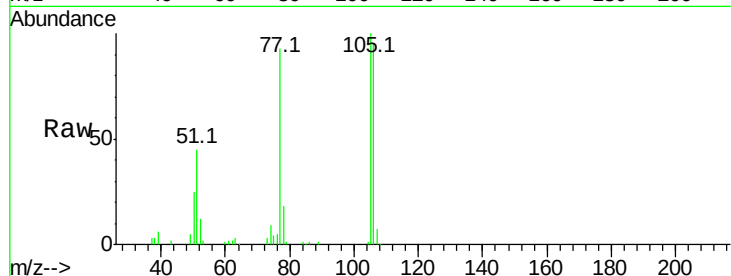
Tot Ion: 77 Resp: 80884

Ion Ratio Lower Upper

77 100

105 107.3 80.6 120.6

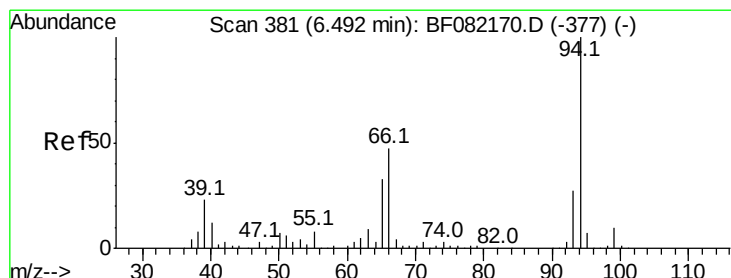
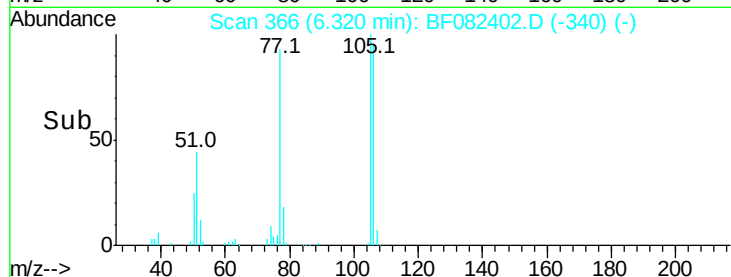
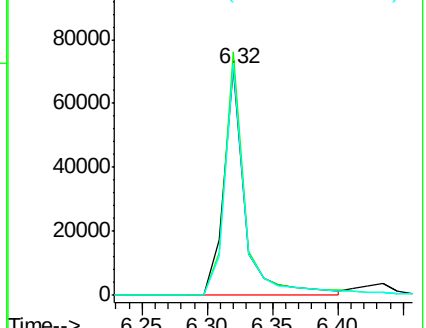
106 101.8 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 28.90 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

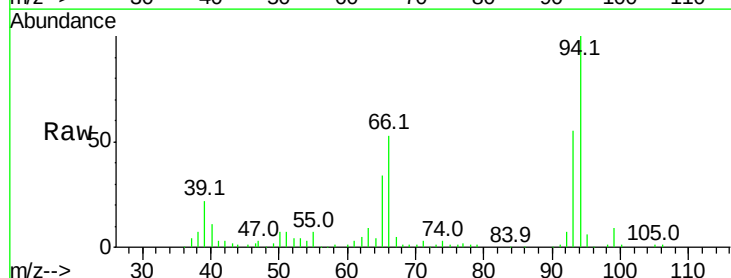
Tgt Ion: 94 Resp: 217850

Ion Ratio Lower Upper

94 100

65 34.3 12.6 52.6

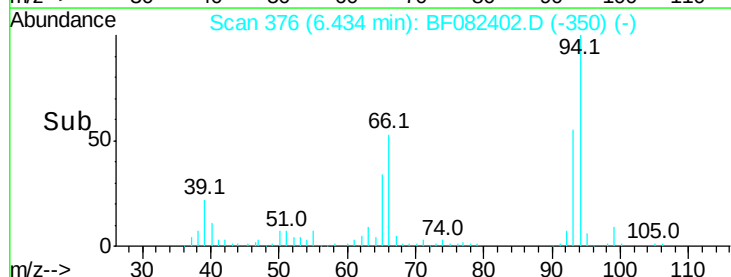
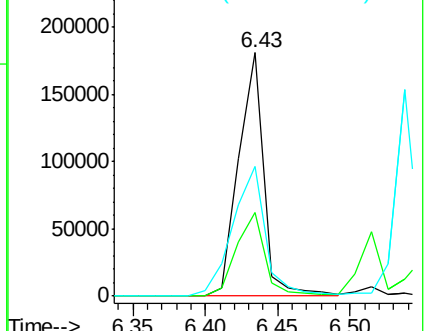
66 53.3 27.3 67.3

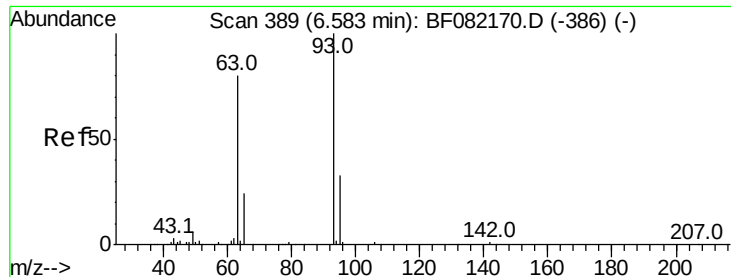


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 31.42 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

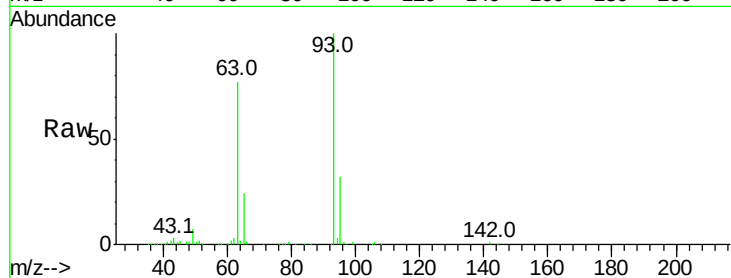
Tot Ion: 93 Resp: 200252

Ion Ratio Lower Upper

93 100

63 76.6 57.1 97.1

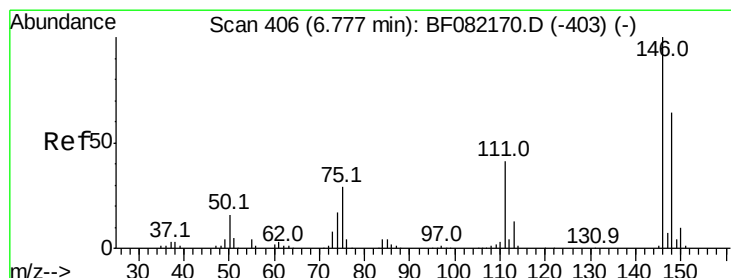
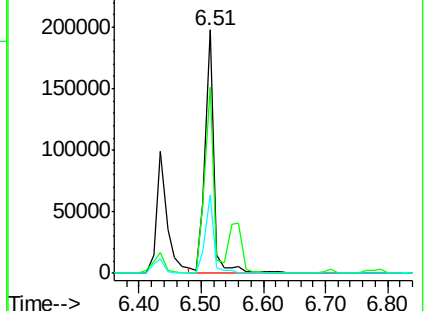
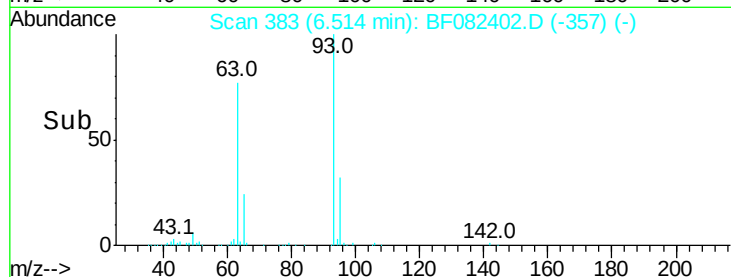
95 32.2 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 32.83 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

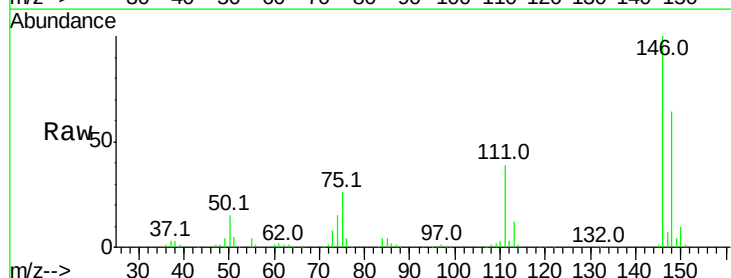
Tgt Ion: 146 Resp: 234477

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

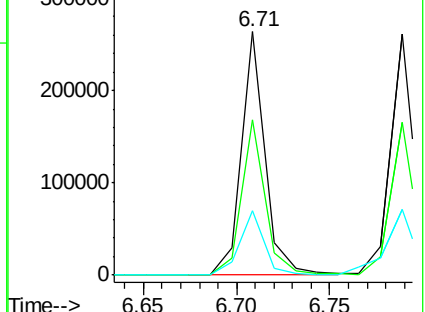
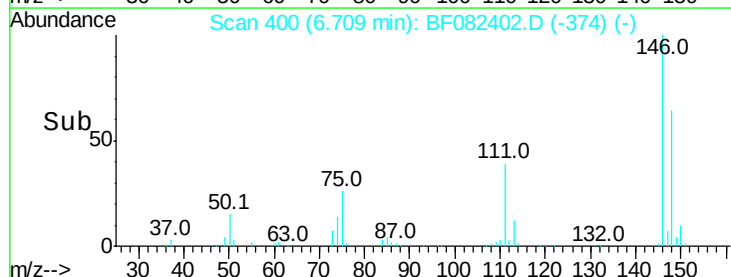
75 26.3 23.0 34.6

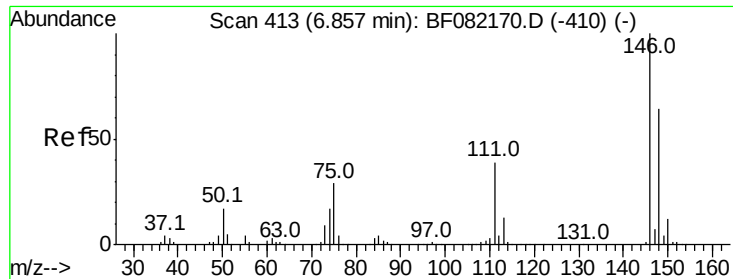


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.01 ng

RT: 6.79 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

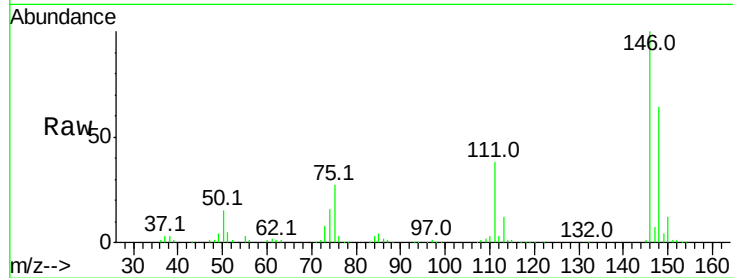
Tot Ion:146 Resp: 238737

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

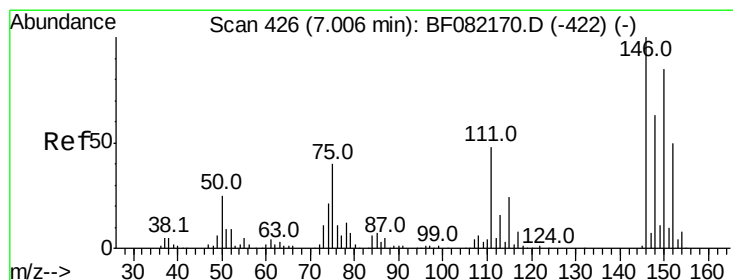
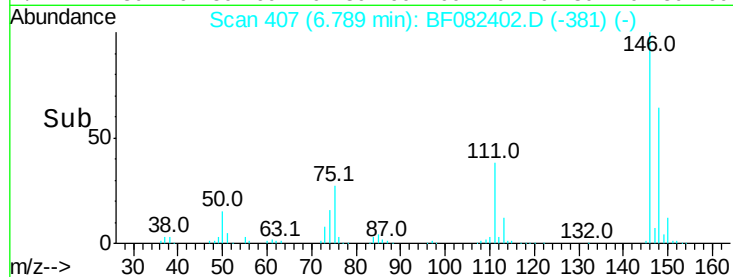
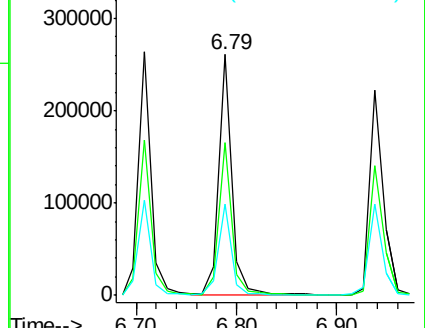
111 38.1 31.1 46.7



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: 30.62 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

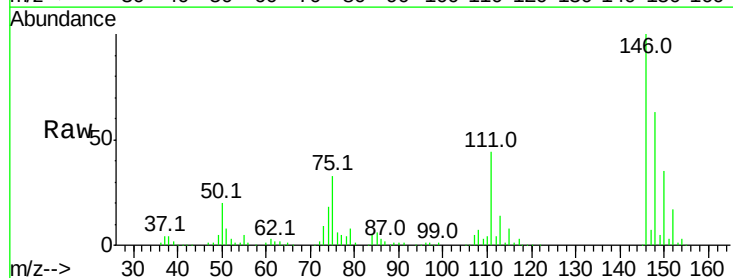
Tgt Ion:146 Resp: 216830

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

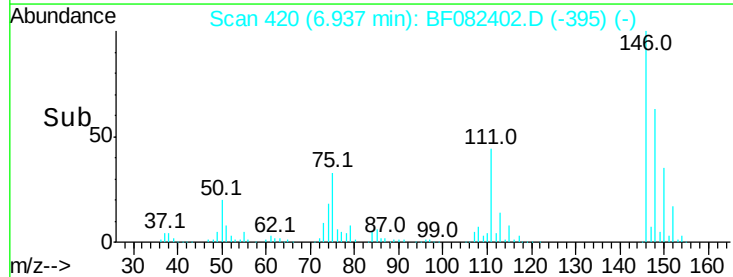
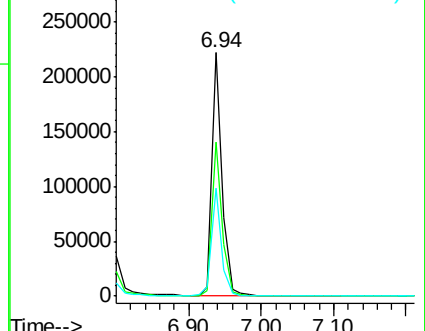
111 44.3 38.5 57.7

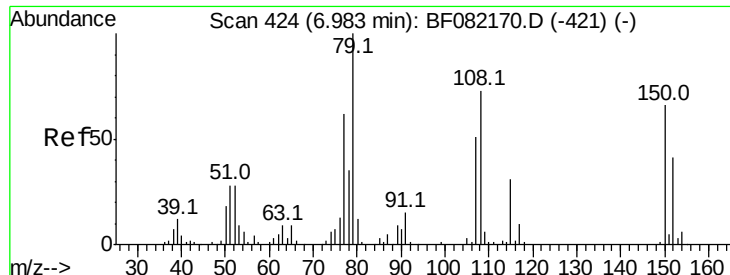


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

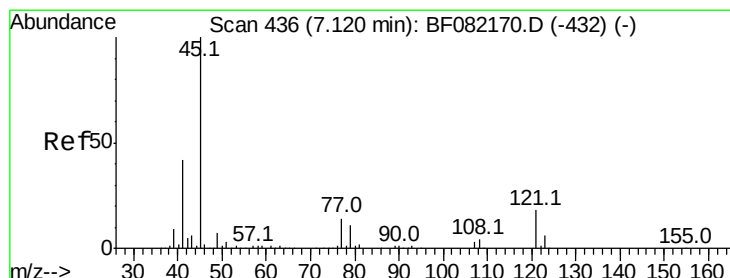
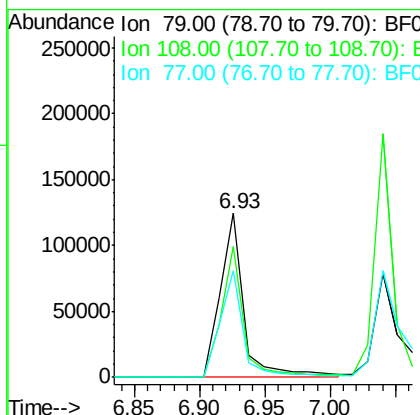
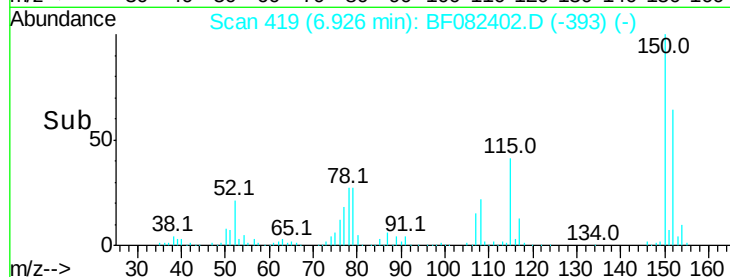
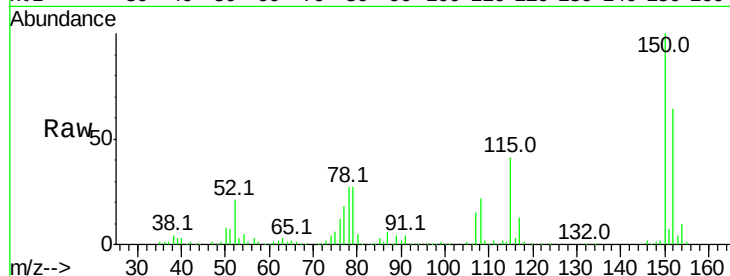




#15
Benzyl Alcohol
Concen: 34.91 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

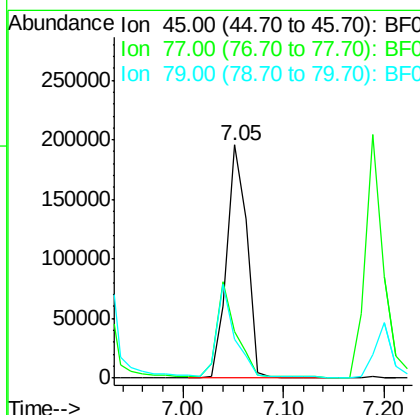
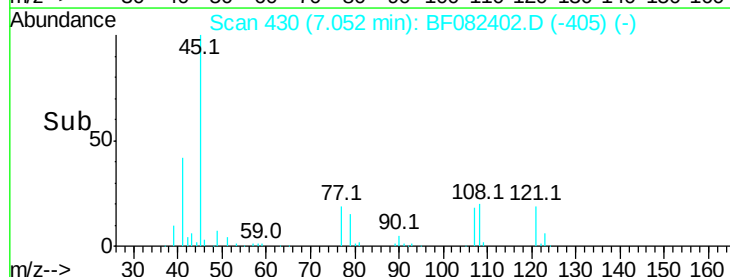
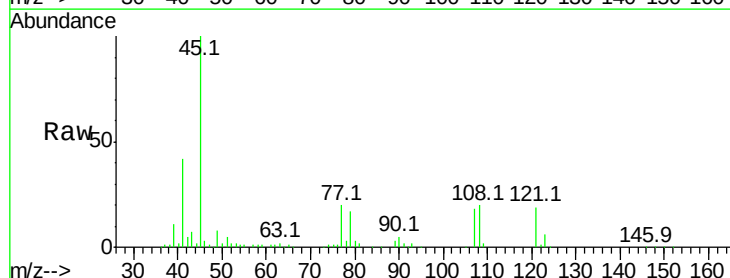
Instrument :
BNA_F
ClientSampleID :
PB86203BS

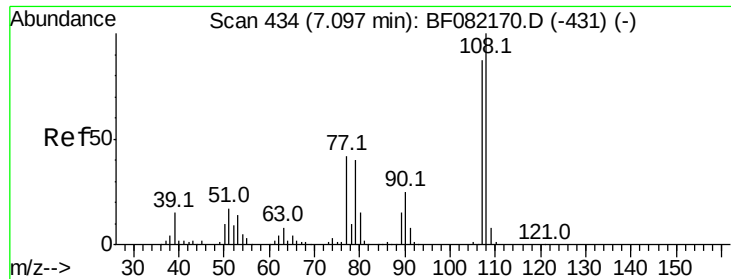
Tot Ion: 79 Resp: 157521
Ion Ratio Lower Upper
79 100
108 79.8 58.4 87.6
77 64.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.92 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion: 45 Resp: 274397
Ion Ratio Lower Upper
45 100
77 20.2 0.0 34.5
79 16.6 0.0 31.6

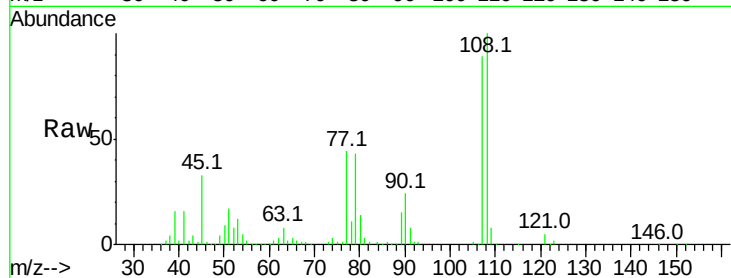




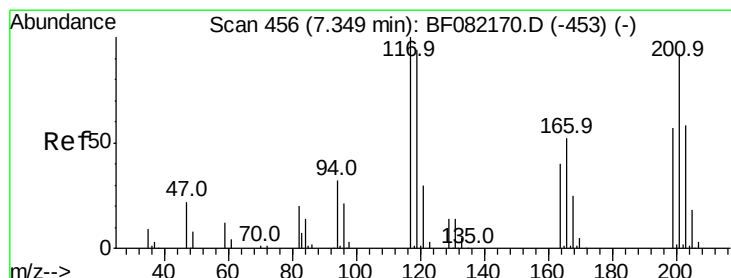
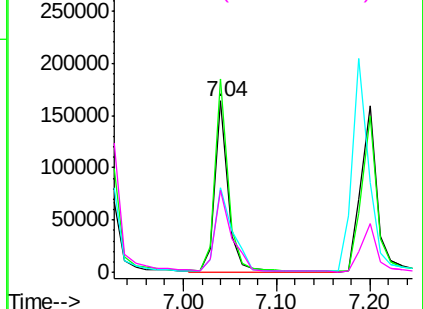
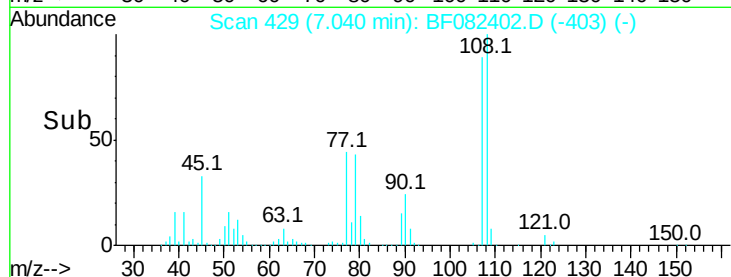
#17
2-Methylphenol
Concen: 33.16 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:107 Resp: 160783
Ion Ratio Lower Upper
107 100
108 112.8 92.2 138.2
77 49.5 39.6 59.4
79 48.0 38.2 57.4

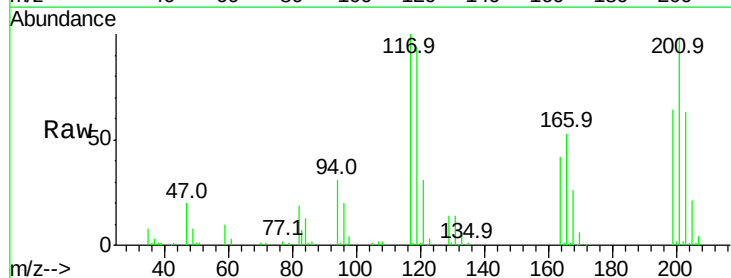


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

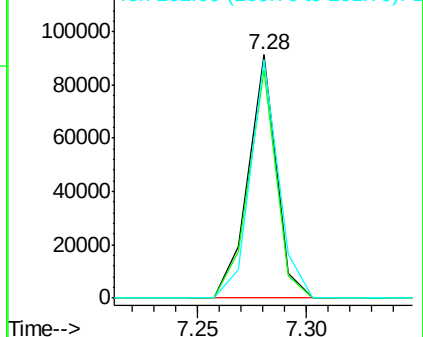
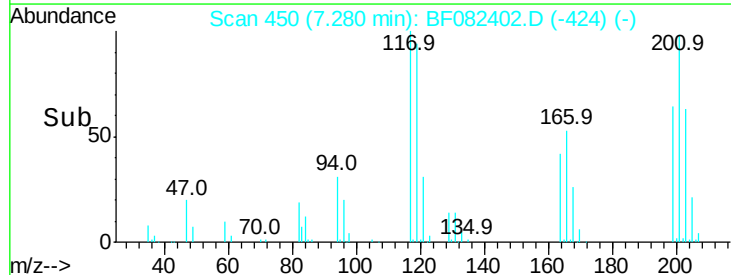


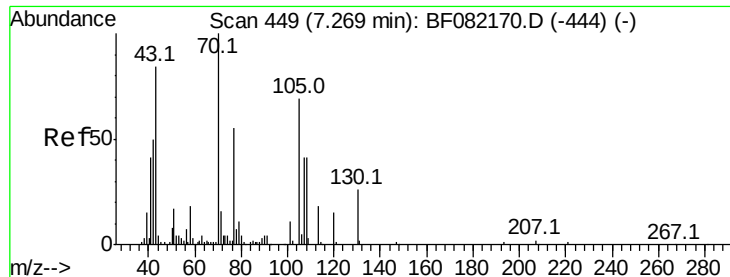
#18
Hexachloroethane
Concen: 32.19 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:117 Resp: 82170
Ion Ratio Lower Upper
117 100
119 93.8 75.4 113.2
201 97.8 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

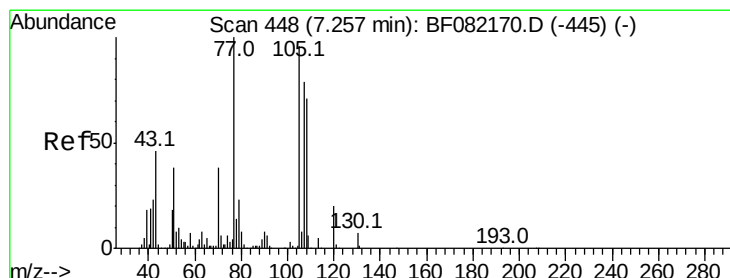
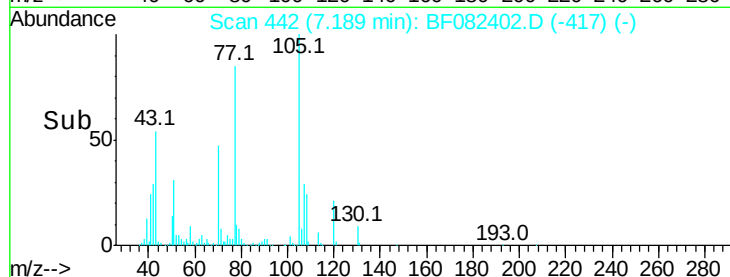
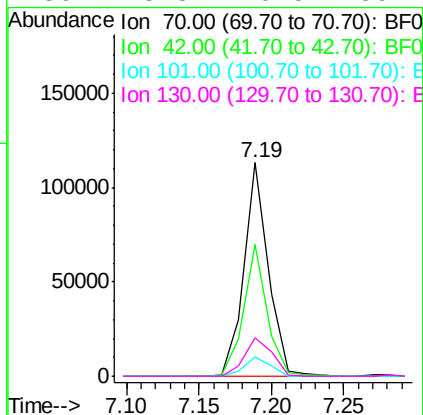
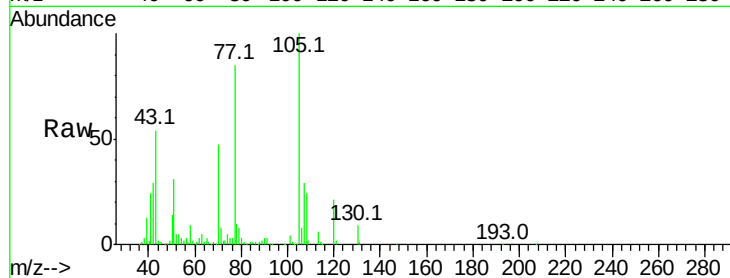




#19
n-Nitroso-di-n-propylamine
Concen: 28.60 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

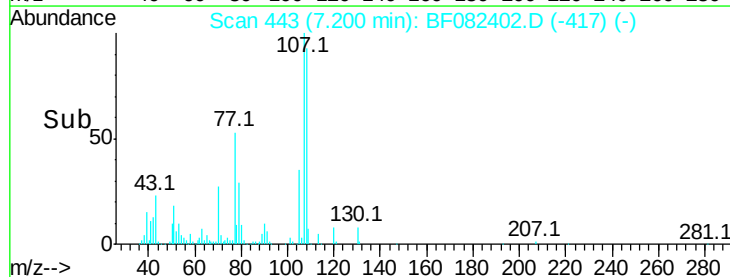
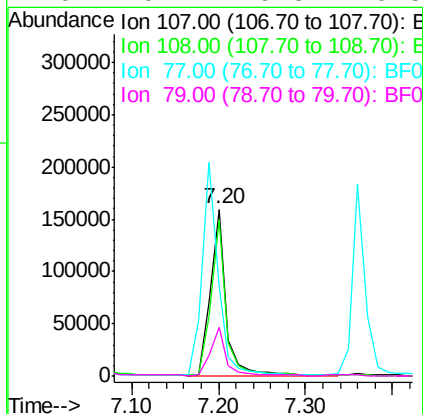
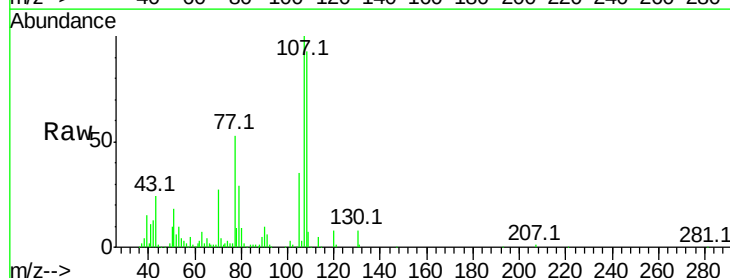
Instrument :
BNA_F
ClientSampleId :
PB86203BS

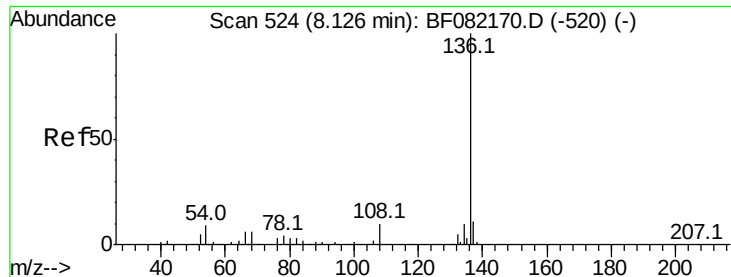
Tot Ion: 70 Resp: 131288
Ion Ratio Lower Upper
70 100
42 61.5 39.8 59.8#
101 9.1 8.6 13.0
130 18.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 34.44 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:107 Resp: 199016
Ion Ratio Lower Upper
107 100
108 93.3 69.9 109.9
77 53.5 106.0 146.0#
79 29.4 9.8 49.8

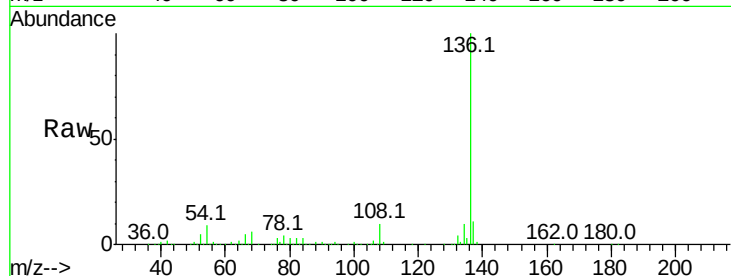




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:136	Resp:	392200	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.0	13.6	
54 9.4	7.5	11.3	
68 5.8	4.6	7.0	



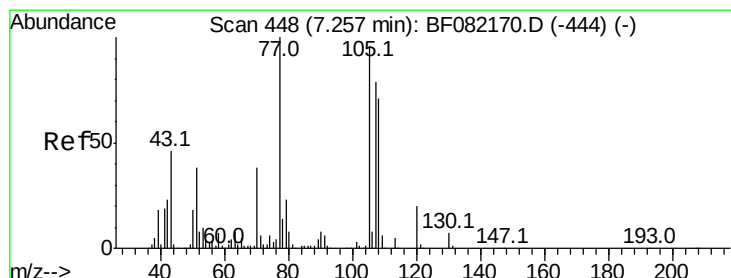
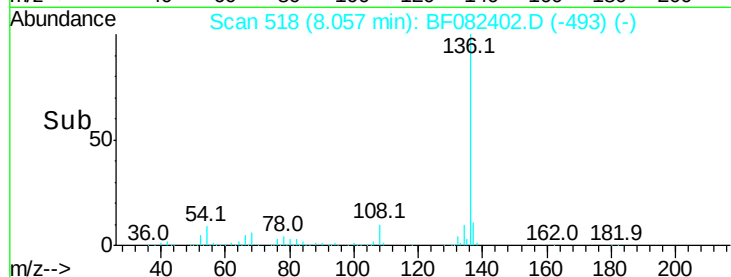
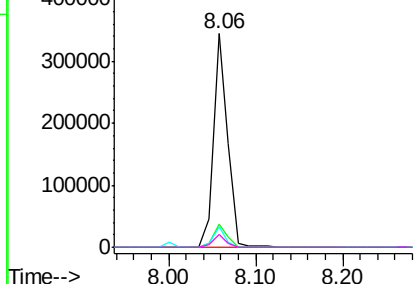
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

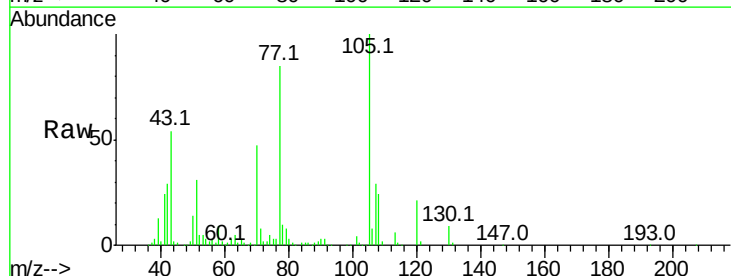
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 34.15 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt	Ion:105	Resp:	264925
Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.0
51	31.2	31.8	47.6#
120	21.3	16.3	24.5



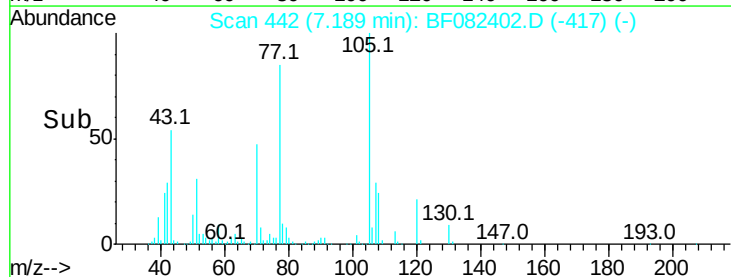
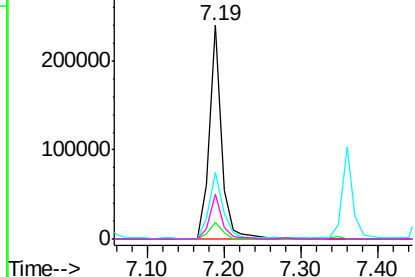
Abundance

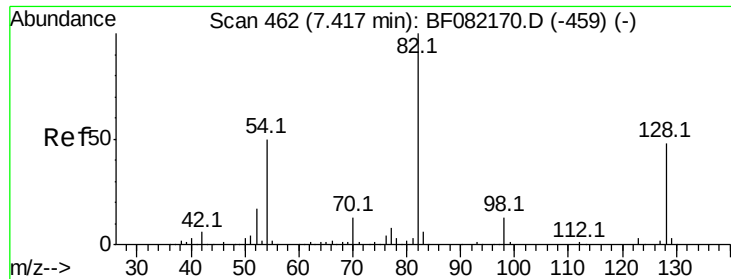
Ion 105.00 (104.70 to 105.70): E

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

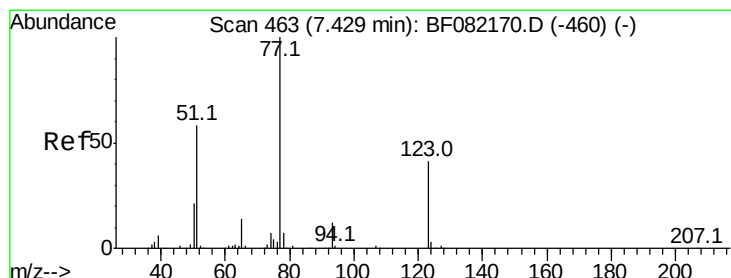
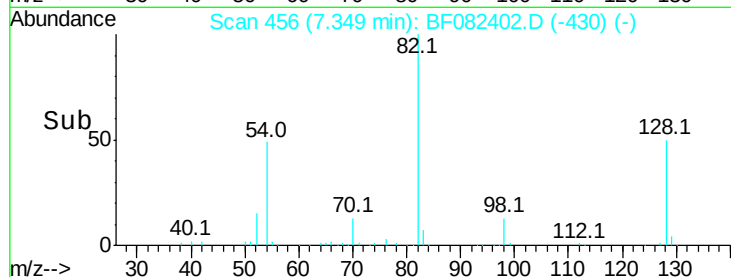
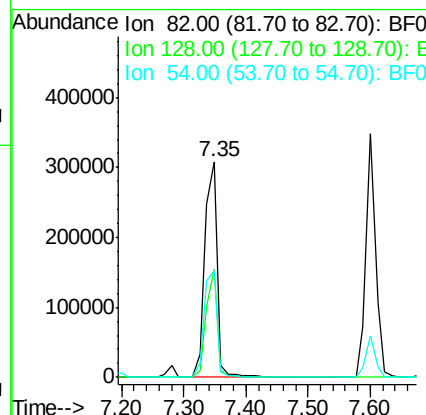
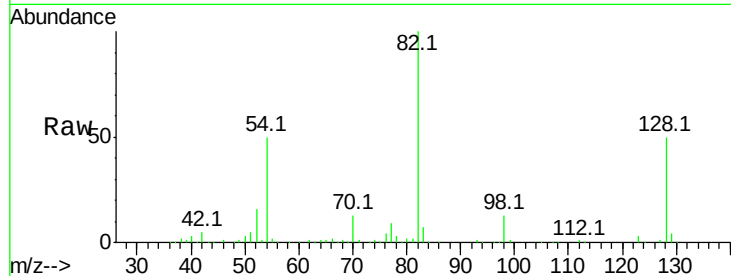




#23
 Nitrobenzene-d5
 Concen: 74.09 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

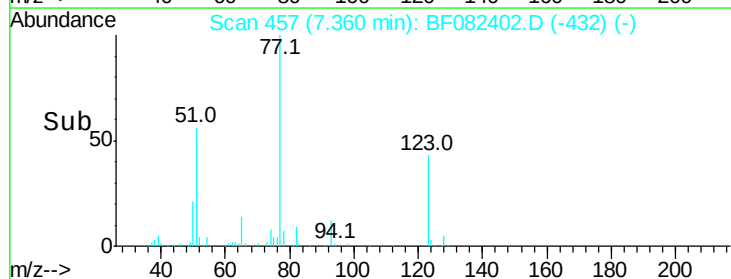
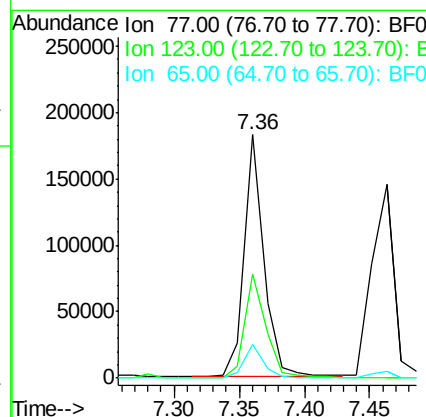
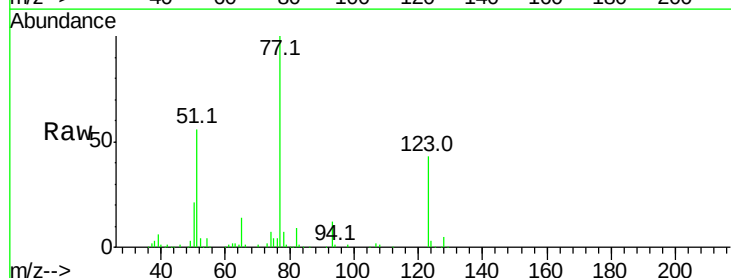
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

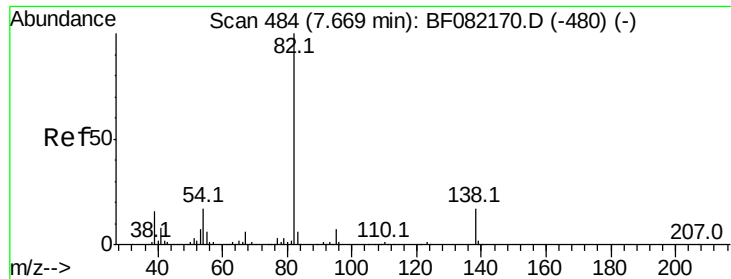
Tot Ion	82	Resp	432707
Ion Ratio	Lower	Upper	
82	100		
128	50.3	38.7	58.1
54	49.6	40.1	60.1



#24
 Nitrobenzene
 Concen: 30.23 ng
 RT: 7.36 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion	77	Resp	191129
Ion Ratio	Lower	Upper	
77	100		
123	43.0	33.0	49.4
65	14.1	11.2	16.8





#25

Isophorone

Concen: 31.21 ng

RT: 7.60 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

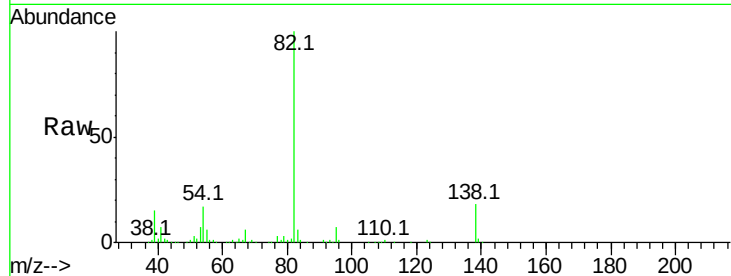
Tot Ion: 82 Resp: 367848

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

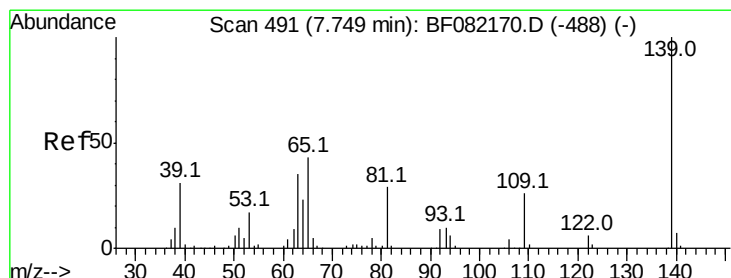
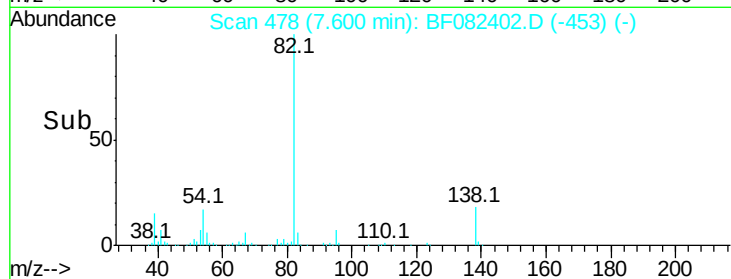
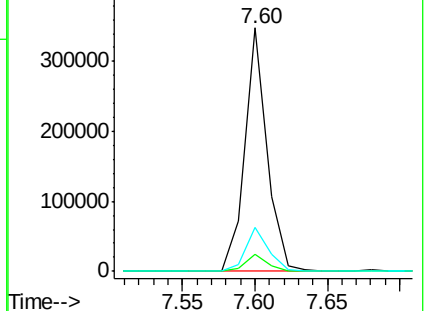
138 18.2 13.6 20.4



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: 34.72 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

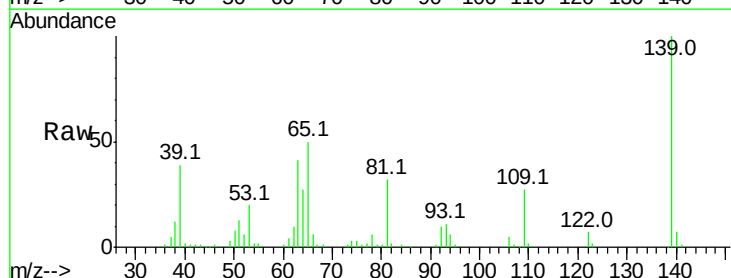
Tgt Ion: 139 Resp: 109597

Ion Ratio Lower Upper

139 100

109 27.3 20.6 31.0

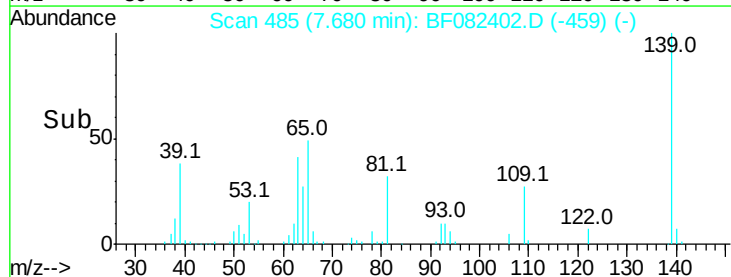
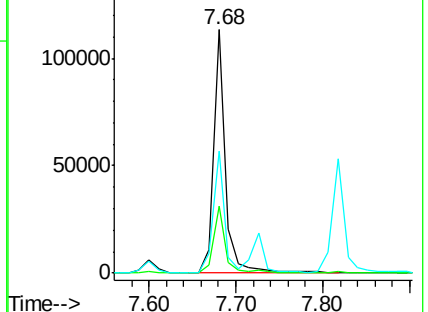
65 50.1 34.3 51.5

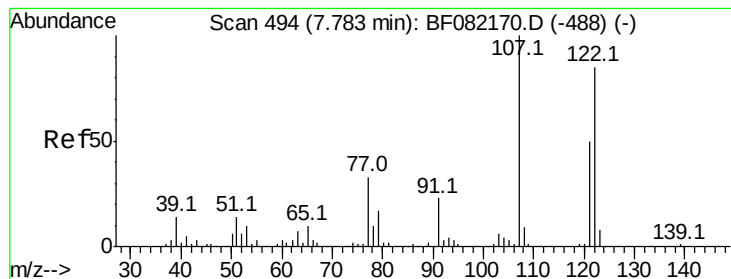


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.50 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampled :

PB86203BS

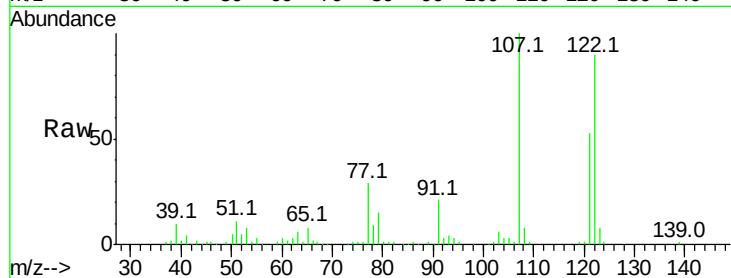
Tot Ion:122 Resp: 190722

Ion Ratio Lower Upper

122 100

107 111.5 94.0 141.0

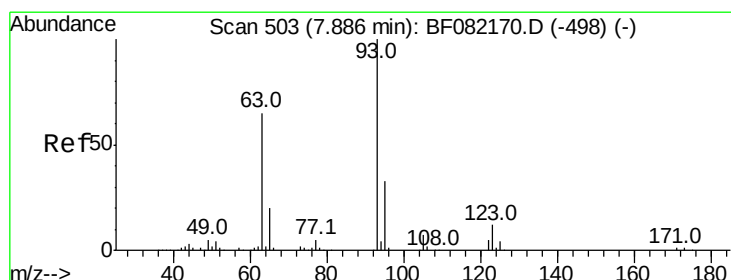
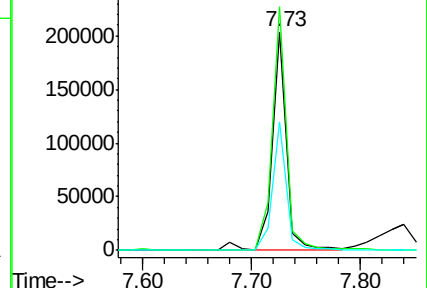
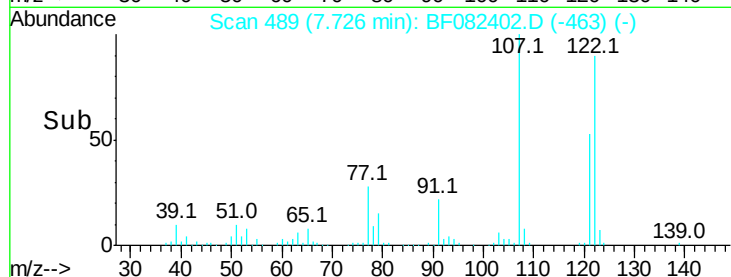
121 58.6 46.8 70.2



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: 34.66 ng

RT: 7.82 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

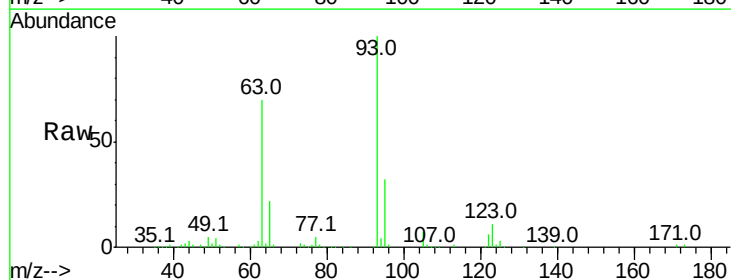
Tgt Ion: 93 Resp: 237729

Ion Ratio Lower Upper

93 100

95 32.4 26.6 39.8

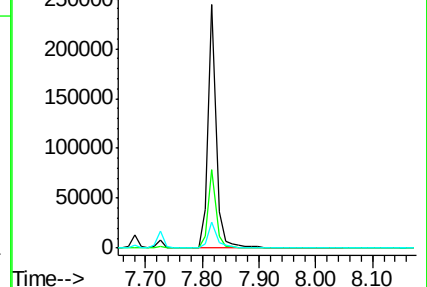
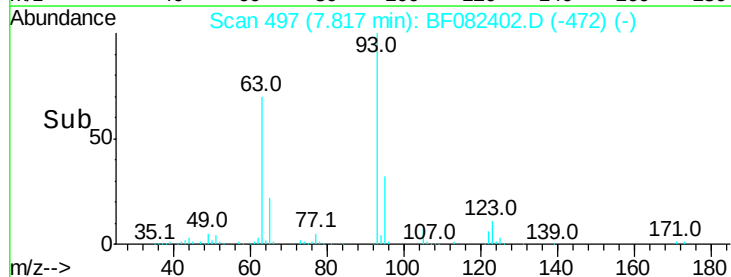
123 10.6 9.5 14.3

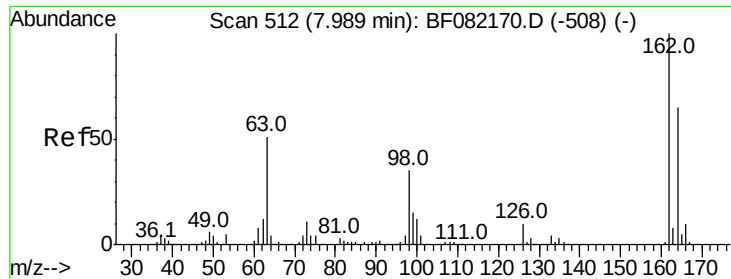


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

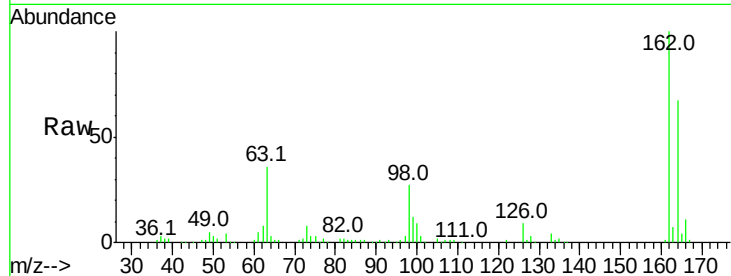




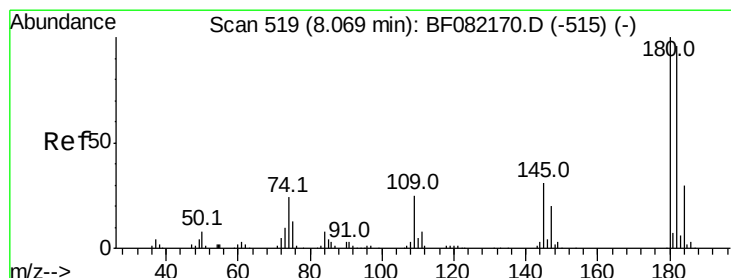
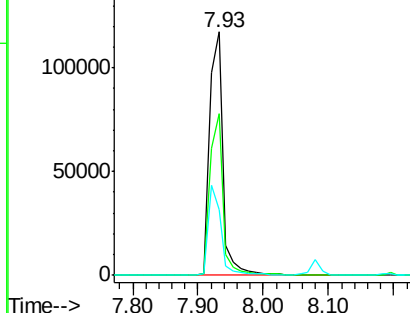
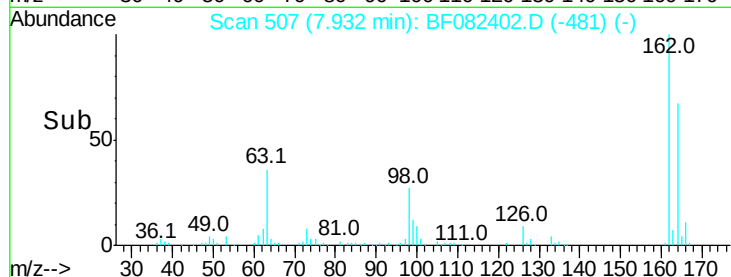
#29
 2,4-Dichlorophenol
 Concen: 33.54 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	44.6	84.6
98	27.2	15.0	55.0

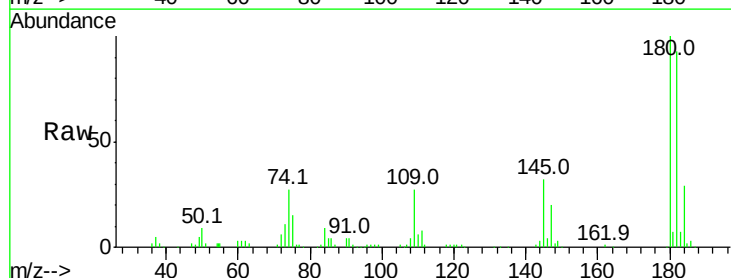


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

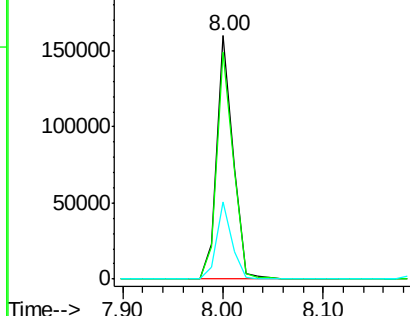
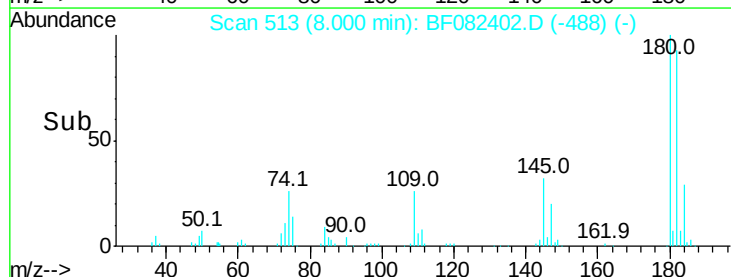


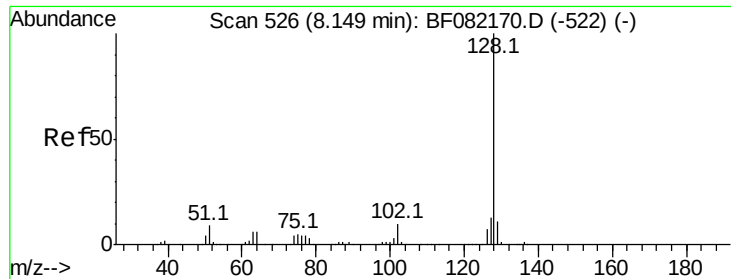
#30
 1,2,4-Trichlorobenzene
 Concen: 30.88 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.0	115.4
145	31.8	25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

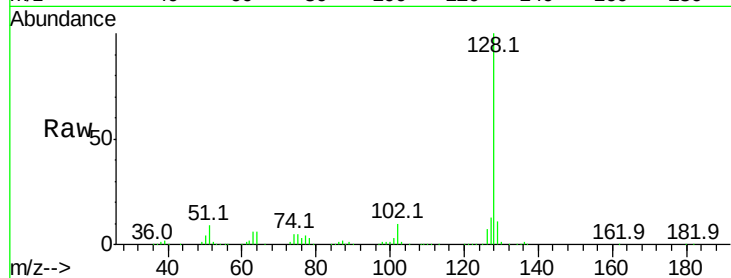




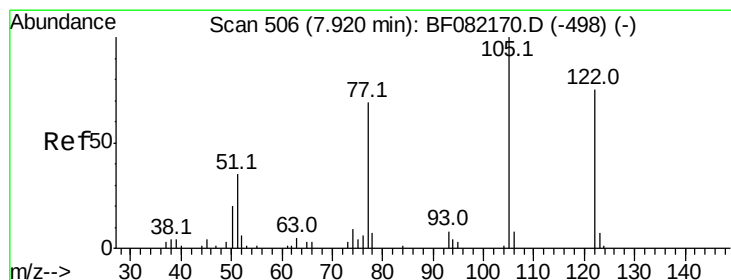
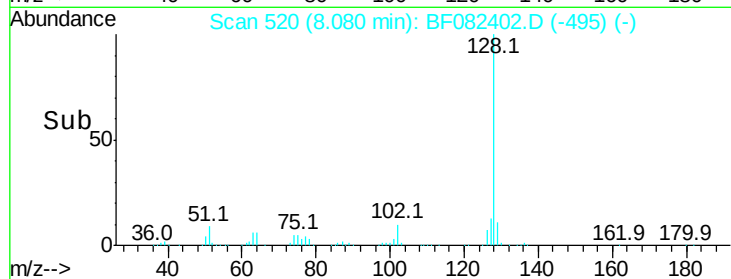
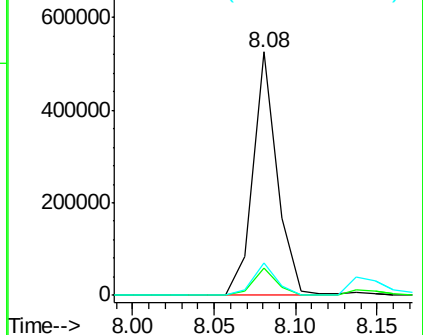
#31
Naphthalene
Concen: 32.08 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:128 Resp: 545409
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 10.7 16.1

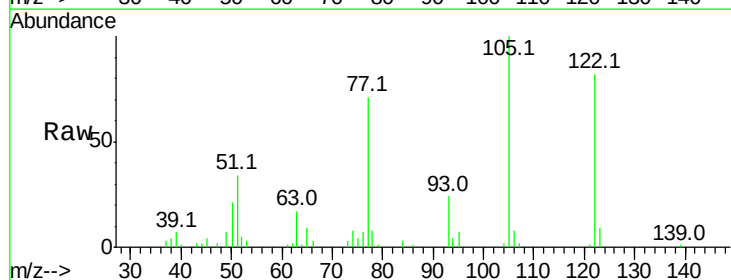


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

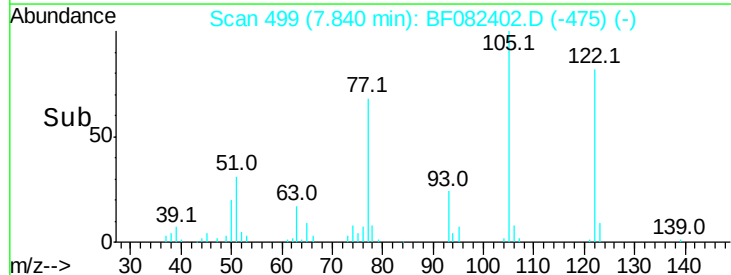
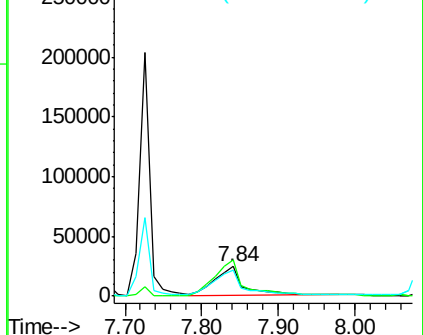


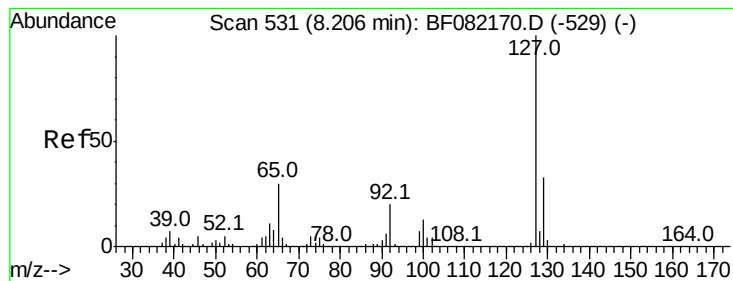
#32
Benzoic acid
Concen: 18.98 ng
RT: 7.84 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:122 Resp: 64798
Ion Ratio Lower Upper
122 100
105 121.3 104.4 144.4
77 85.9 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: 10.49 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:127 Resp: 74072

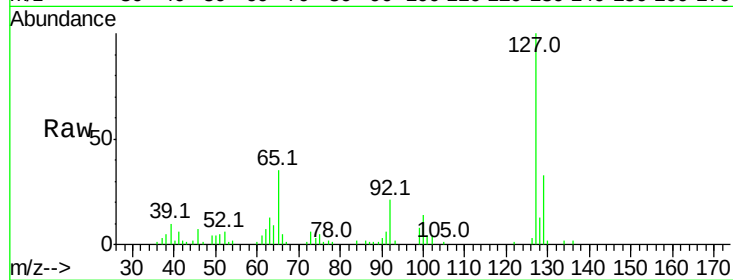
Ion Ratio Lower Upper

127 100

129 33.2 26.3 39.5

65 35.2 24.4 36.6

92 21.0 15.7 23.5

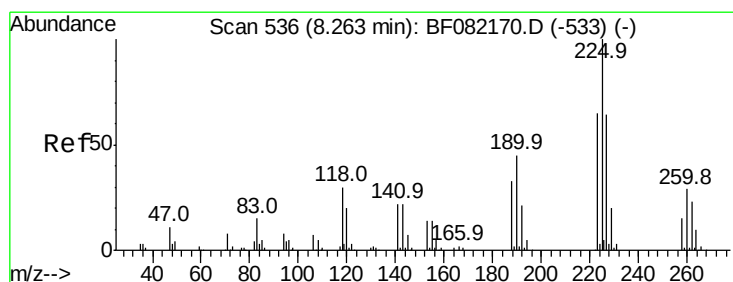
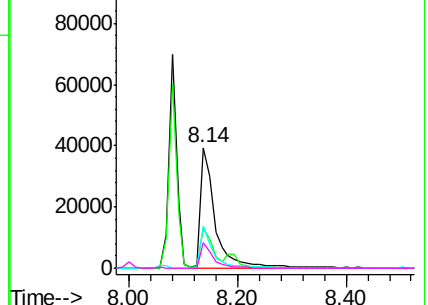
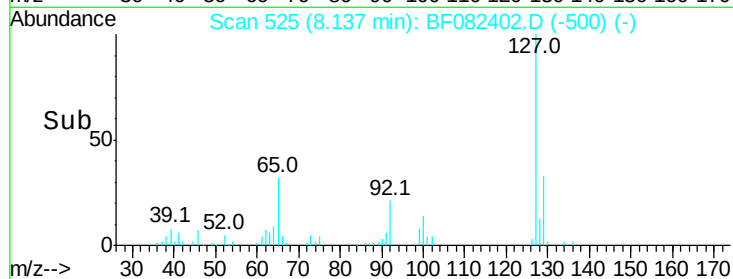


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 29.56 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

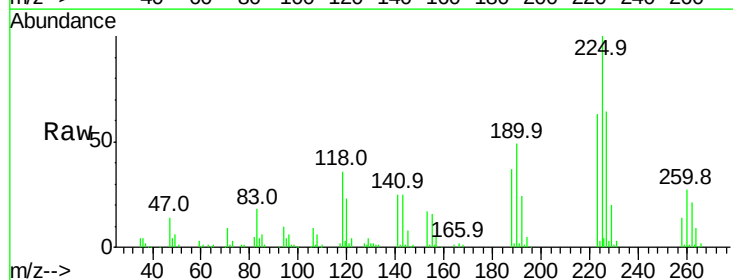
Tgt Ion:225 Resp: 107920

Ion Ratio Lower Upper

225 100

223 63.2 52.2 78.2

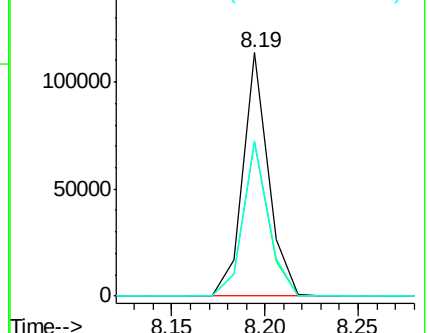
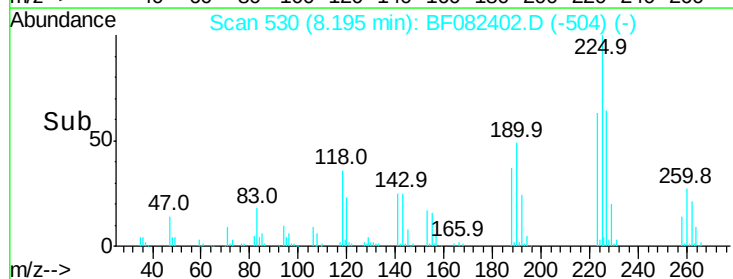
227 63.7 51.3 76.9

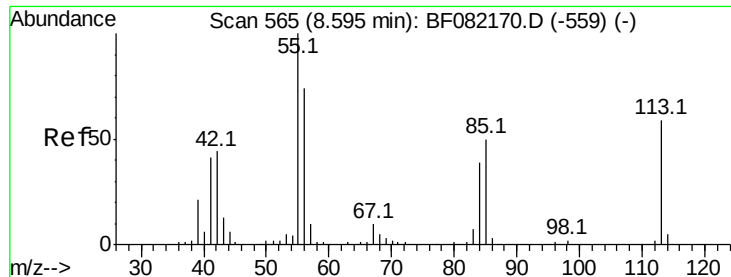


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.80 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

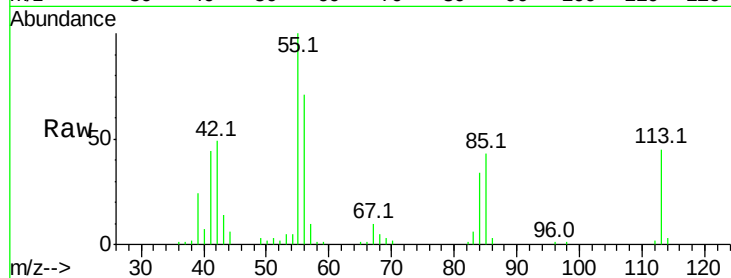
Tot Ion:113 Resp: 48391

Ion Ratio Lower Upper

113 100

55 224.1 149.7 189.7#

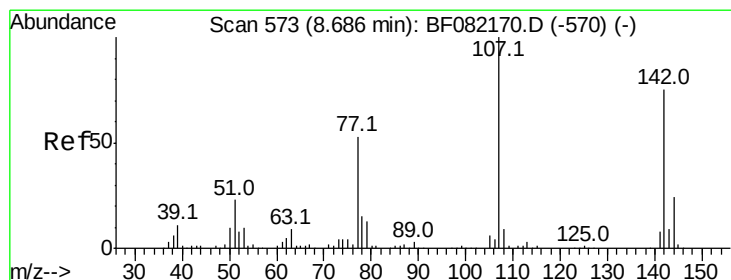
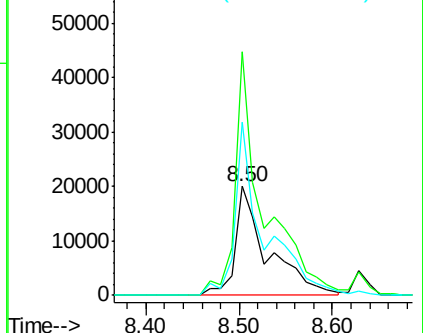
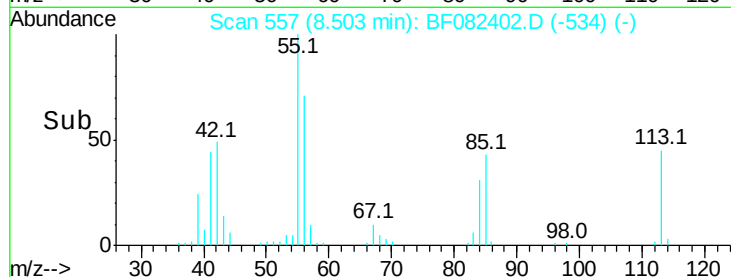
56 159.5 105.4 145.4#



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: 34.01 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

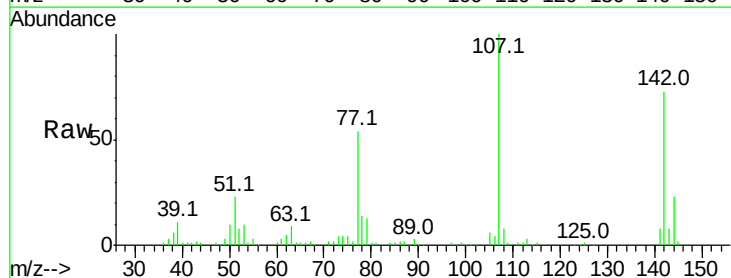
Tgt Ion:107 Resp: 169062

Ion Ratio Lower Upper

107 100

144 23.2 19.3 28.9

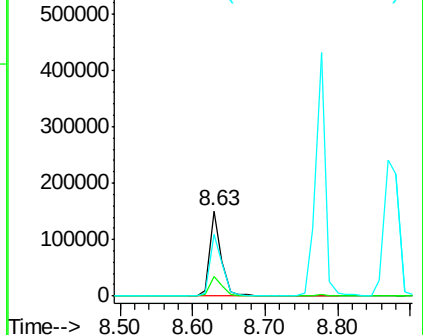
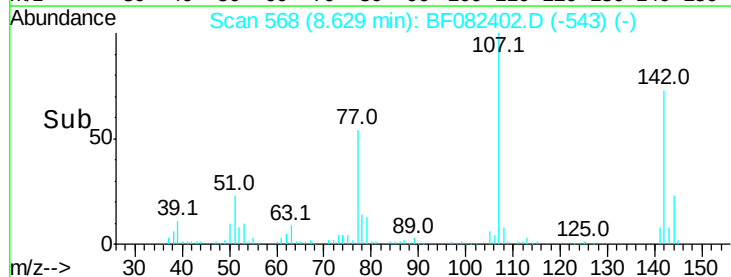
142 73.1 59.9 89.9

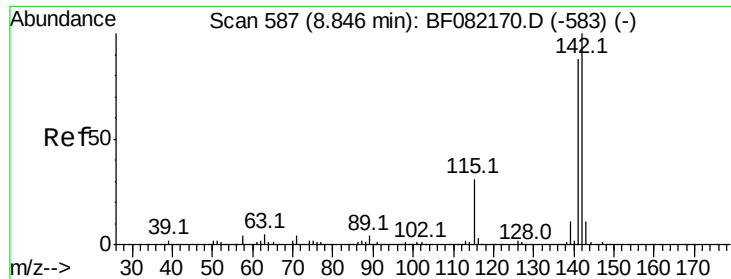


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

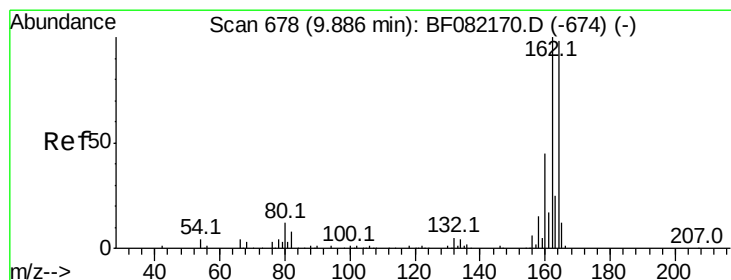
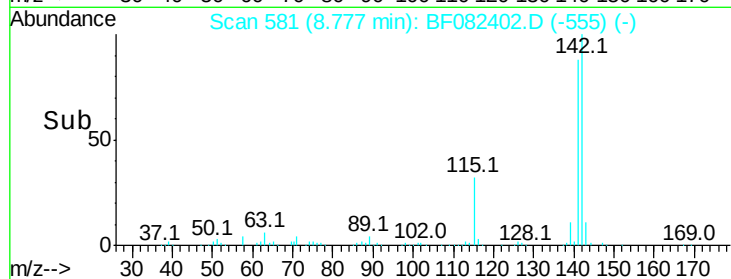
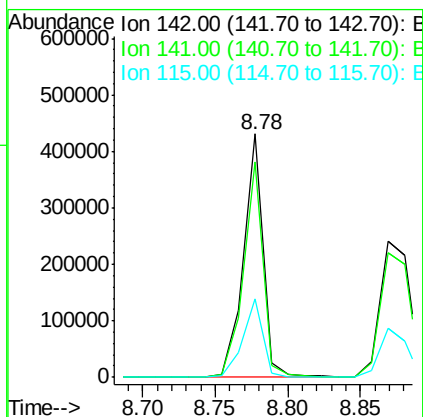
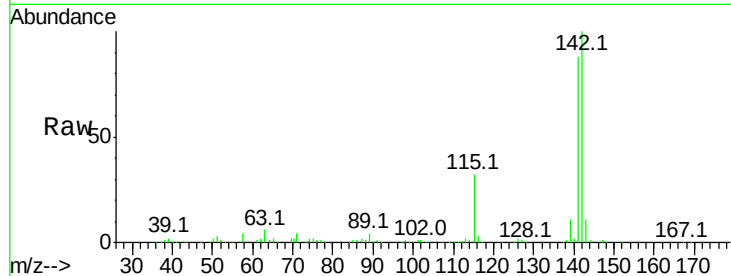




#37
 2-Methylnaphthalene
 Concen: 34.36 ng
 RT: 8.78 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

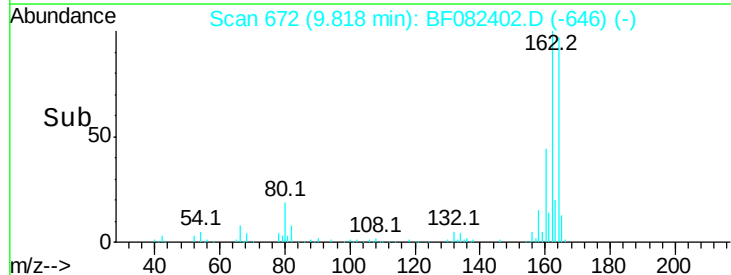
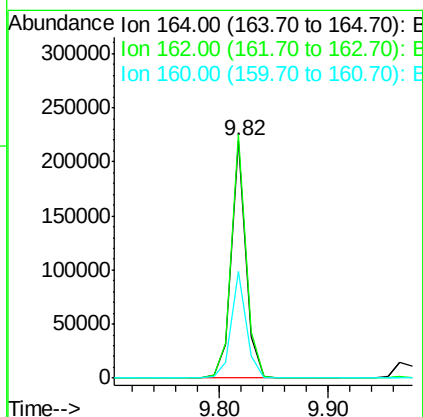
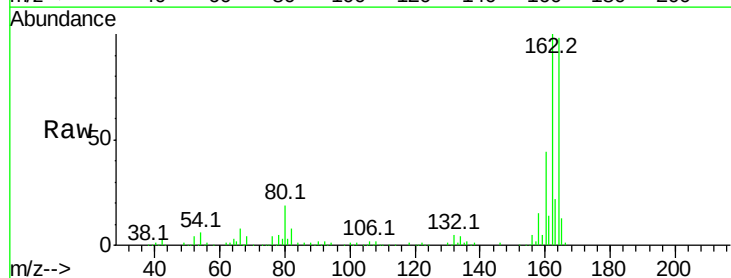
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

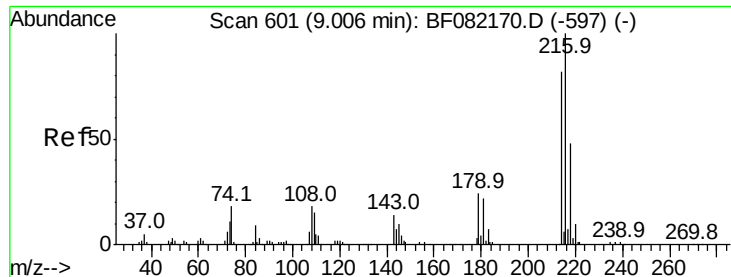
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	32.1	24.6	37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.6	122.4
160	44.8	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.13 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:216 Resp: 181420

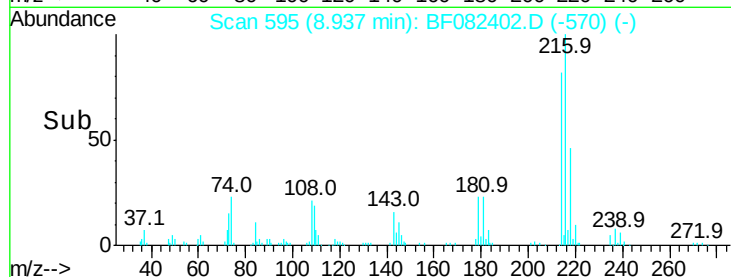
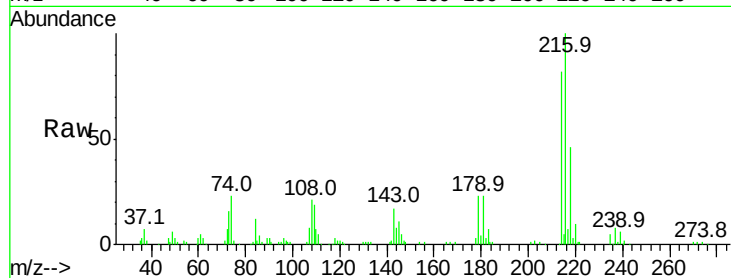
Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.6	97.0
179	20.2	17.6	26.4
108	18.2	14.5	21.7

216 100

214 79.1 64.6 97.0

179 20.2 17.6 26.4

108 18.2 14.5 21.7

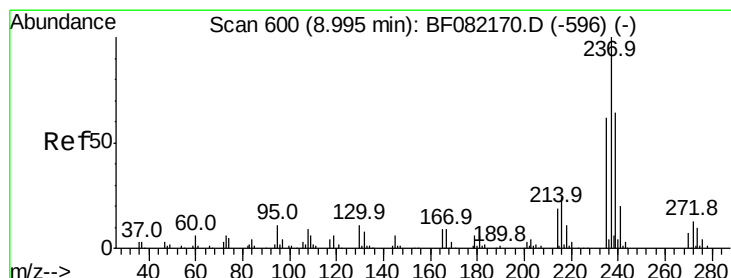
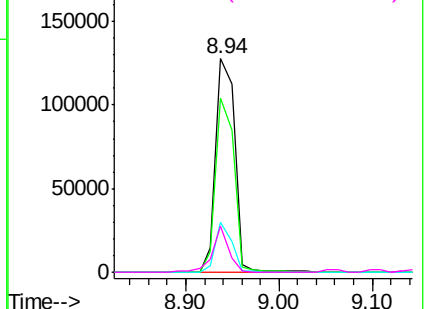


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.16 ng

RT: 8.93 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

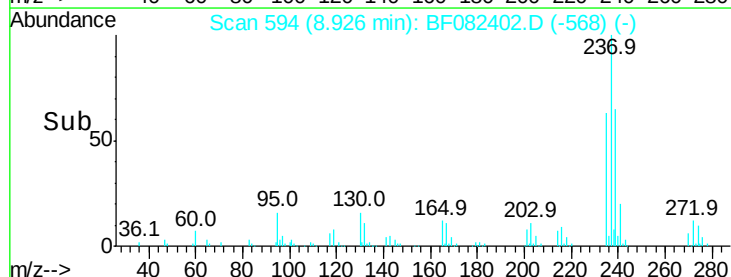
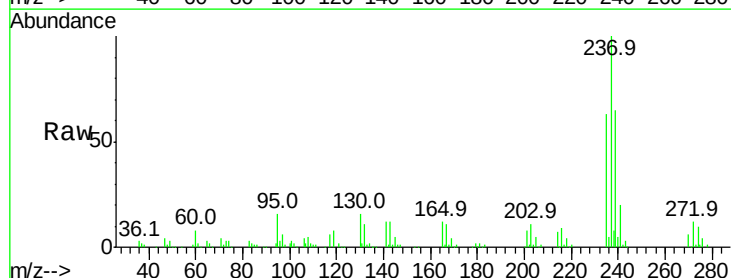
Tgt Ion:237 Resp: 142268

Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.7	81.7
272	11.7	0.0	32.8

237 100

235 62.9 41.7 81.7

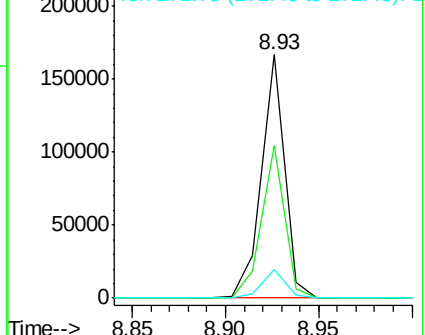
272 11.7 0.0 32.8

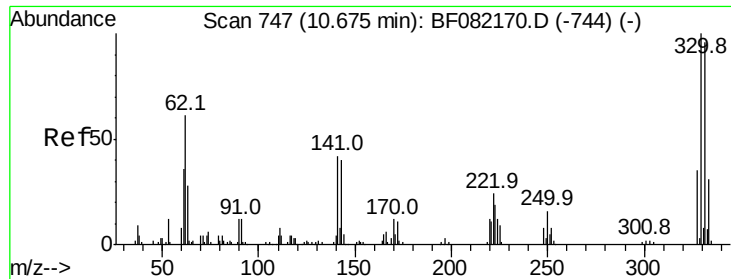


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 86.90 ng

RT: 10.62 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

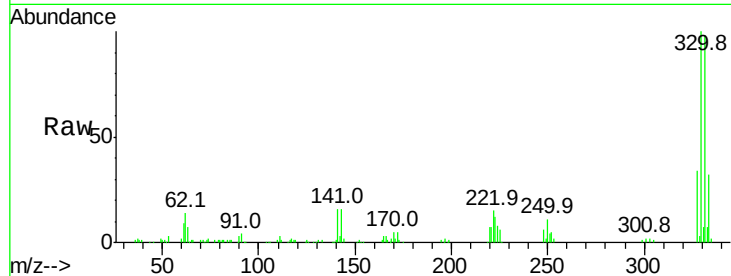
Tot Ion:330 Resp: 164947

Ion Ratio Lower Upper

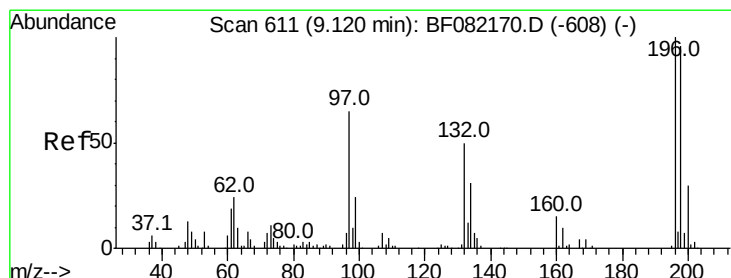
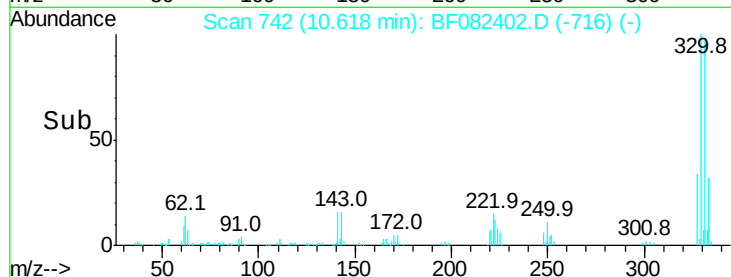
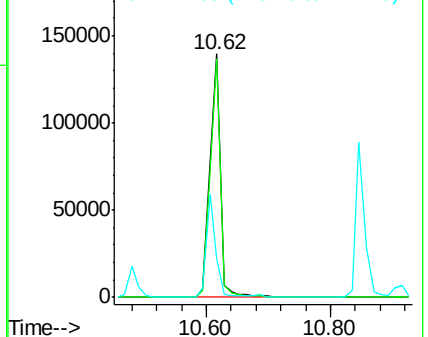
330 100

332 95.8 77.1 115.7

141 37.9 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: 30.19 ng

RT: 9.06 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

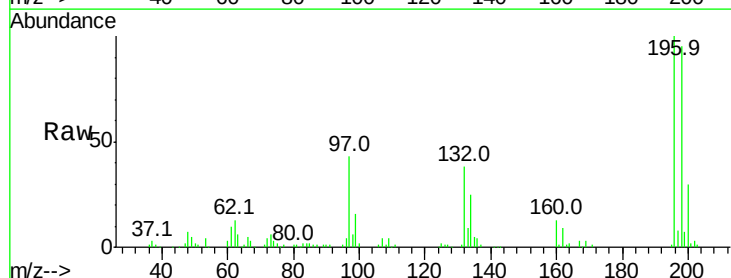
Tgt Ion:196 Resp: 120729

Ion Ratio Lower Upper

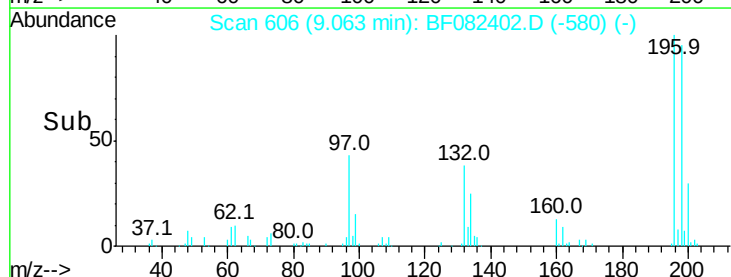
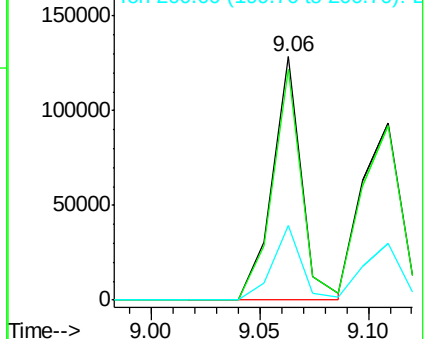
196 100

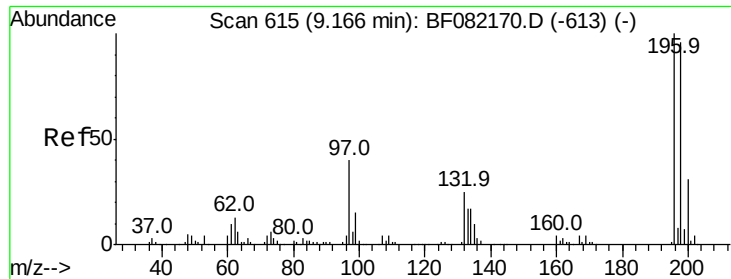
198 94.9 76.6 115.0

200 30.4 23.7 35.5



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

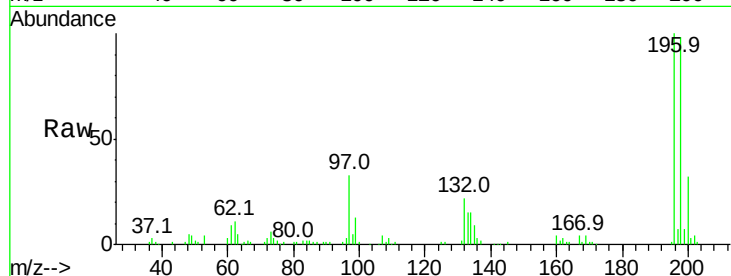




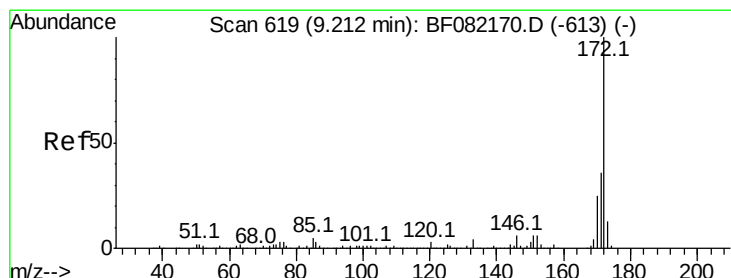
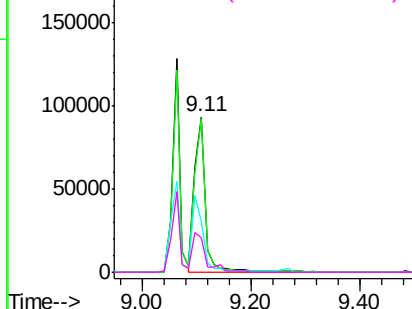
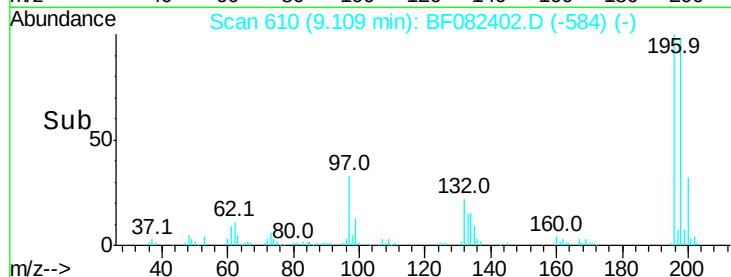
#43
 2,4,5-Trichlorophenol
 Concen: 29.53 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:	196	Resp:	127903
Ion	Ratio	Lower	Upper
196	100		
198	98.5	77.0	115.4
97	33.4	31.9	47.9
132	22.4	20.3	30.5

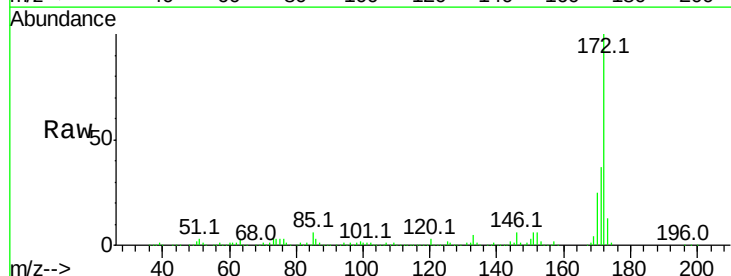


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

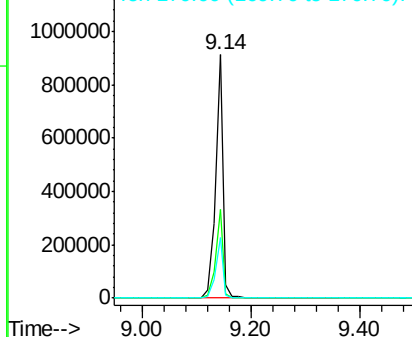
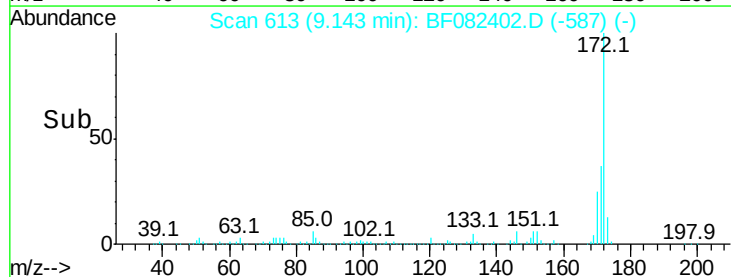


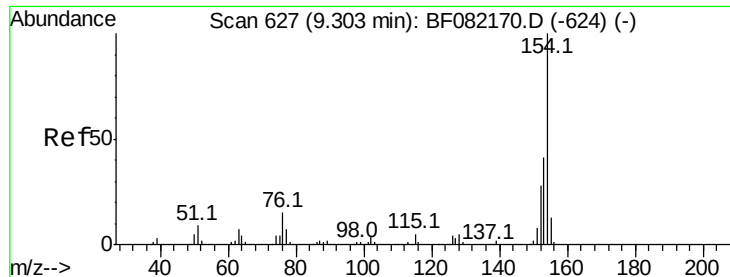
#44
 2-Fluorobiphenyl
 Concen: 72.92 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:	172	Resp:	889958
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.8	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: 30.93 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

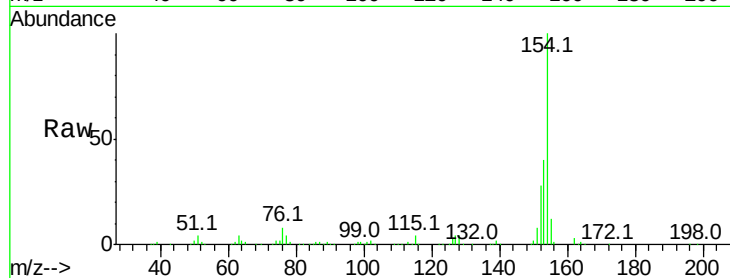
Tot Ion:154 Resp: 477441

Ion Ratio Lower Upper

154 100

153 39.7 20.6 60.6

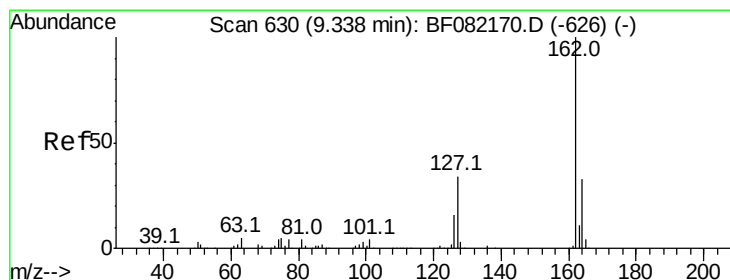
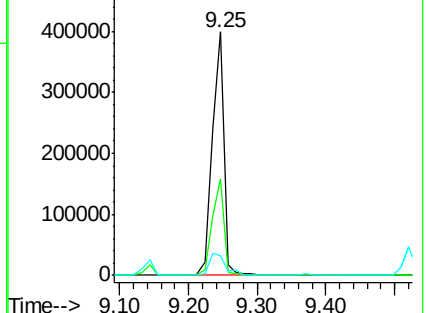
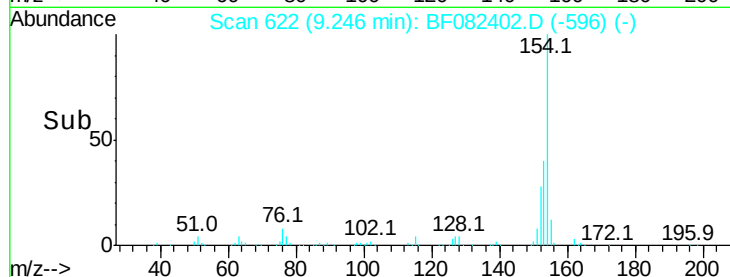
76 8.2 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 31.22 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

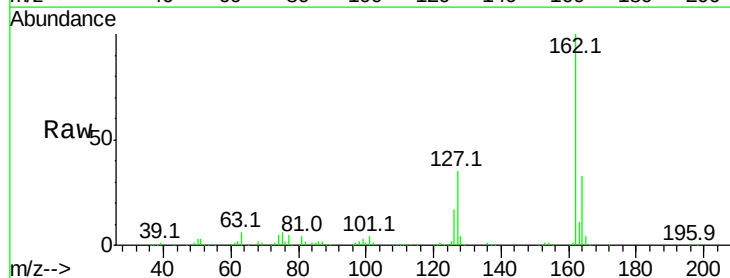
Tgt Ion:162 Resp: 379352

Ion Ratio Lower Upper

162 100

127 35.3 27.5 41.3

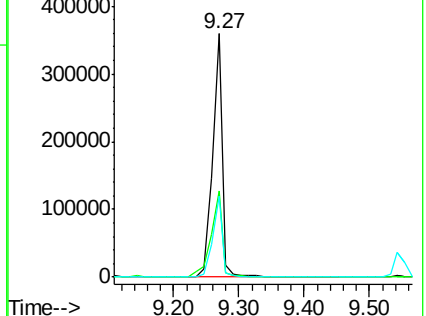
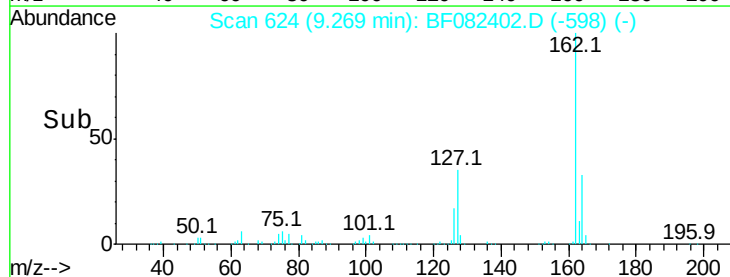
164 33.4 26.6 39.8

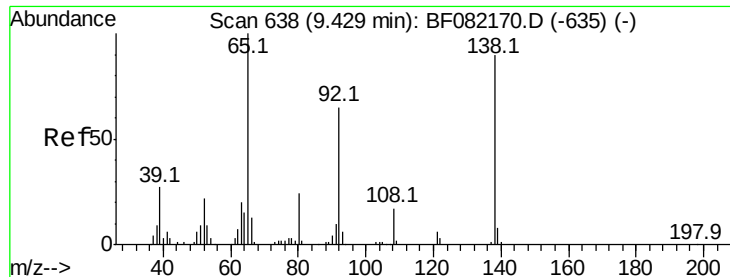


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 33.79 ng

RT: 9.37 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

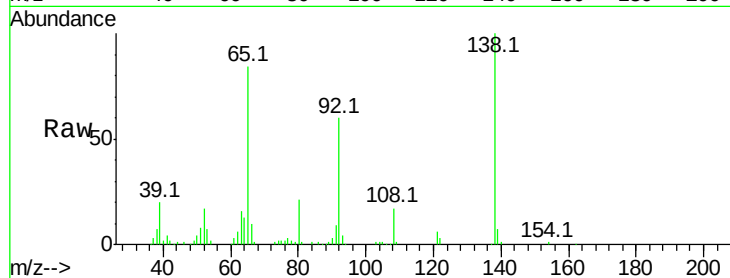
Tot Ion: 65 Resp: 112705

Ion Ratio Lower Upper

65 100

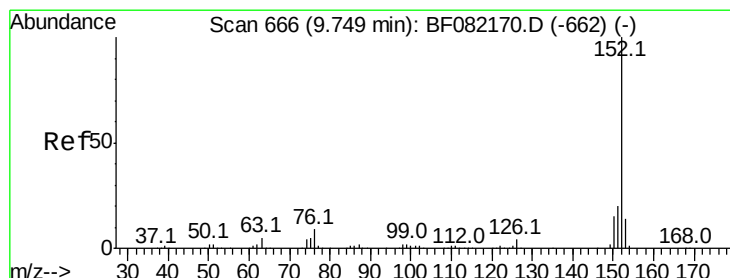
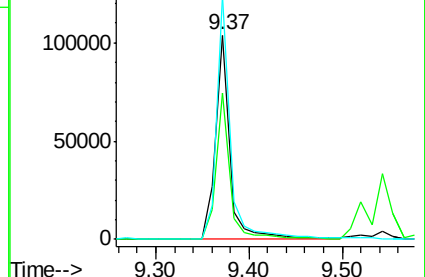
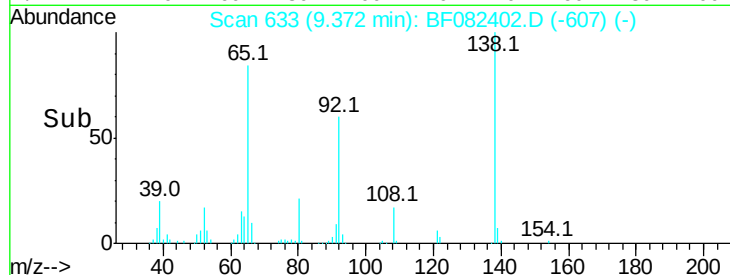
92 71.4 52.3 78.5

138 119.2 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

Scan 633 (9.372 min): BF082402.D (-607) (-)



#48

Acenaphthylene

Concen: 32.62 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

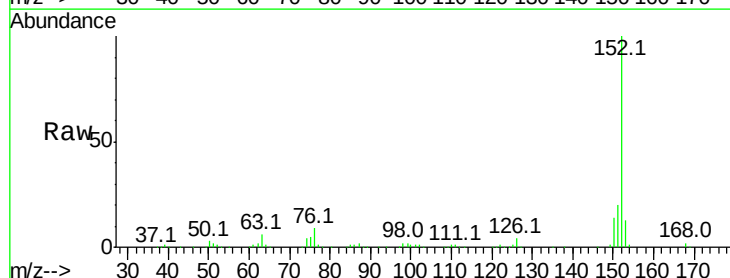
Tgt Ion: 152 Resp: 617376

Ion Ratio Lower Upper

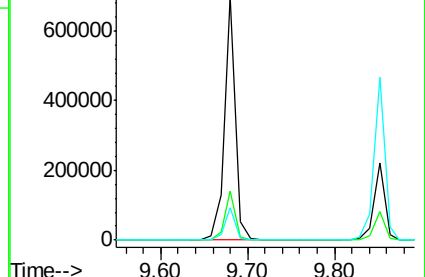
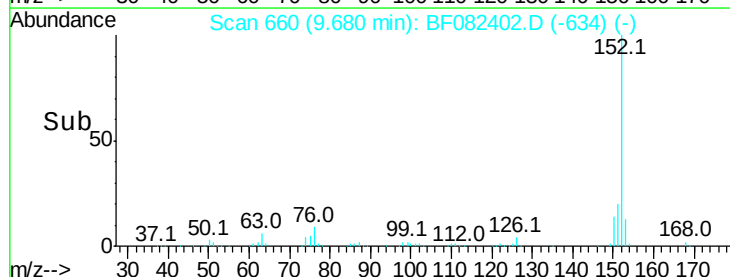
152 100

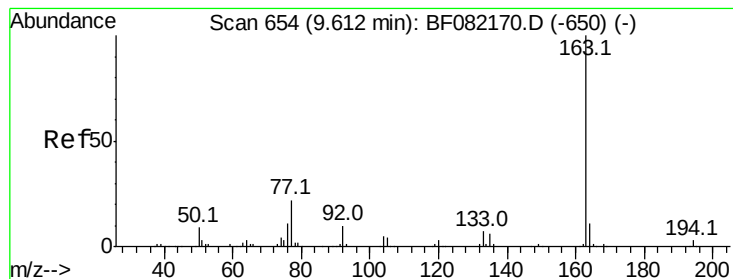
151 20.1 16.4 24.6

153 13.3 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: 29.61 ng

RT: 9.54 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampled :

PB86203BS

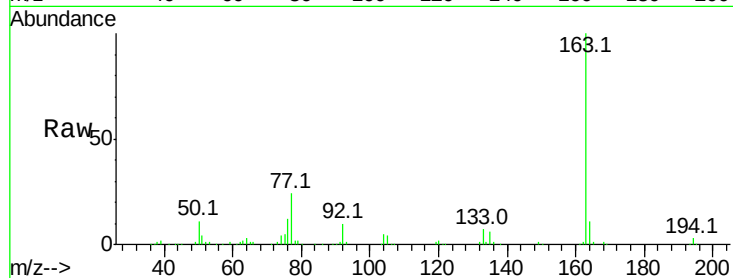
Tot Ion:163 Resp: 422030

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

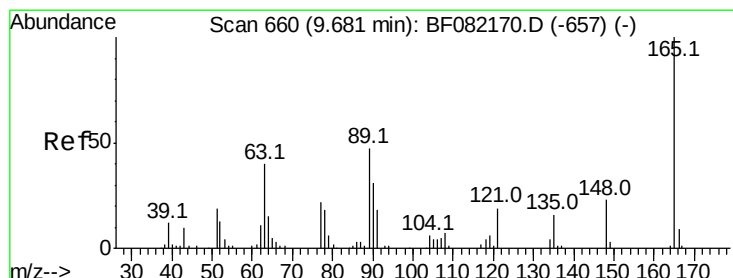
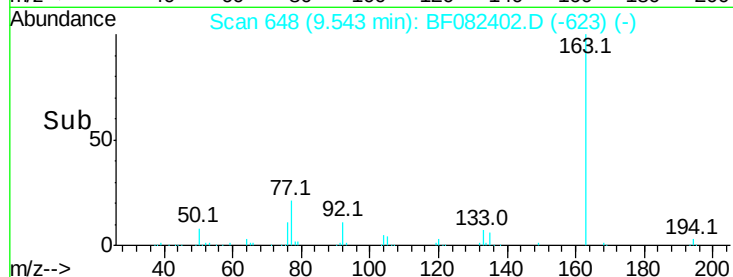
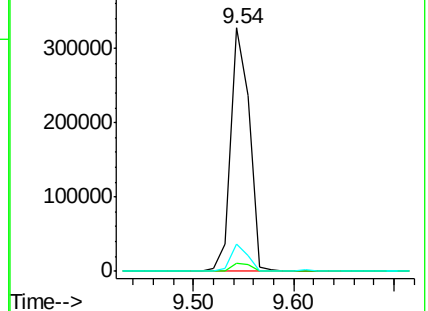
164 11.0 8.5 12.7



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: 9.61 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

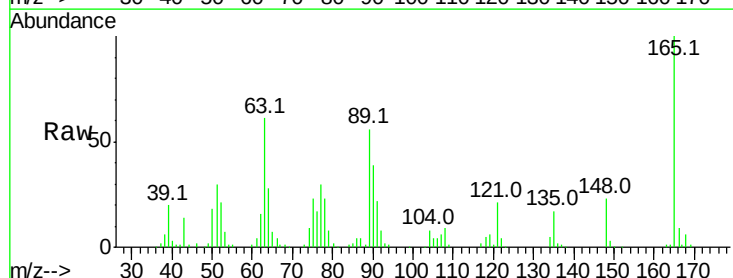
Tgt Ion:165 Resp: 94637

Ion Ratio Lower Upper

165 100

63 60.7 36.7 55.1#

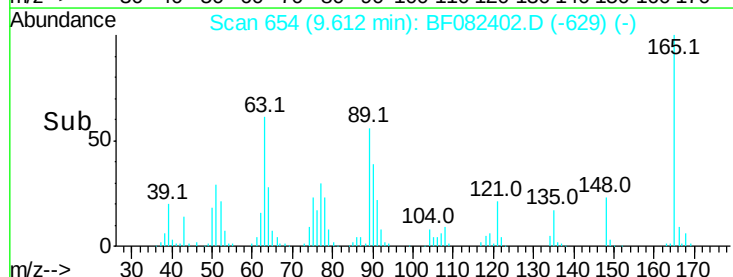
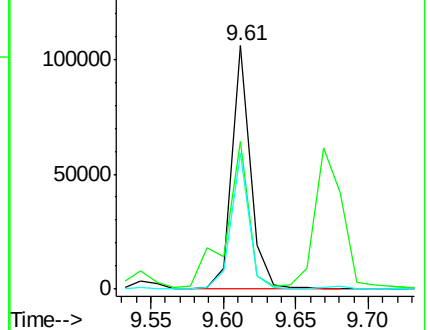
89 56.0 37.8 56.6

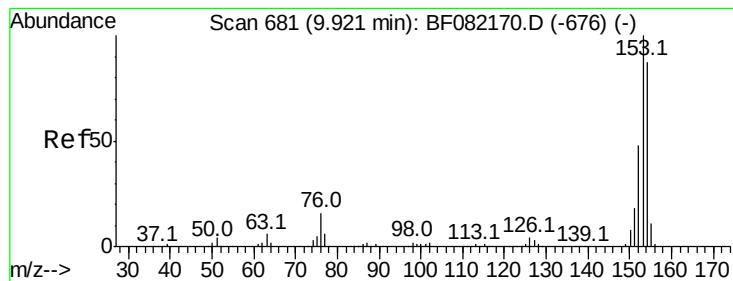


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.26 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

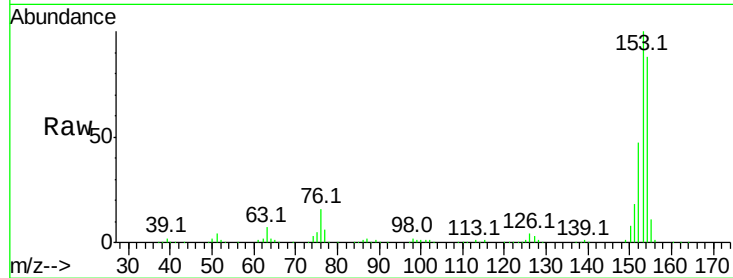
Tot Ion:154 Resp: 355216

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

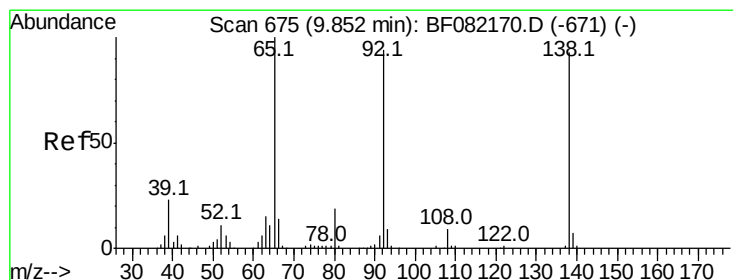
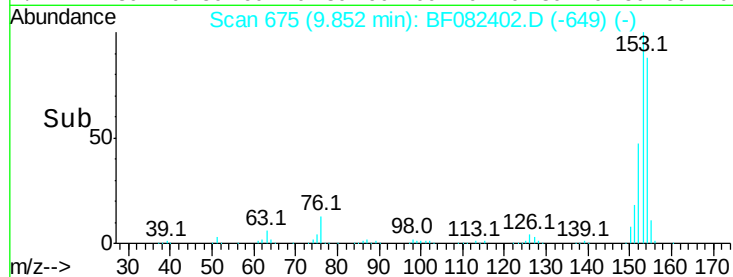
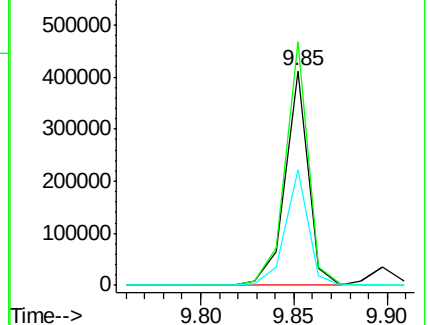
152 53.7 44.3 66.5



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: 12.27 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

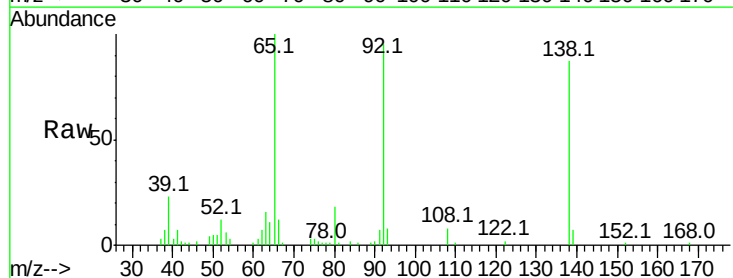
Tgt Ion:138 Resp: 41699

Ion Ratio Lower Upper

138 100

108 9.5 7.4 11.0

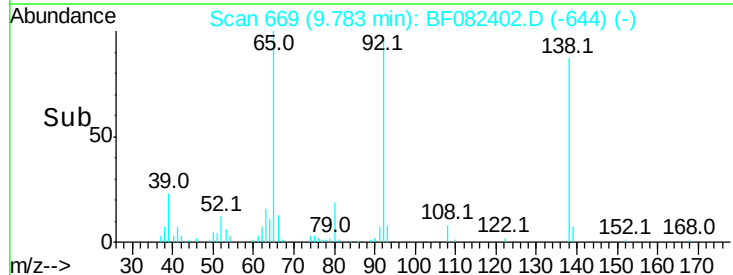
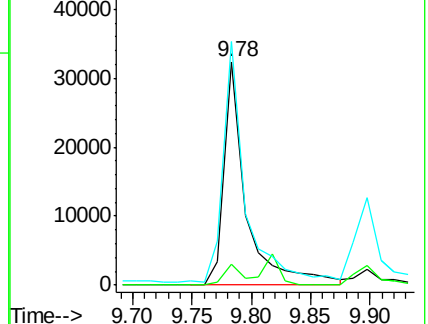
92 109.0 81.3 121.9

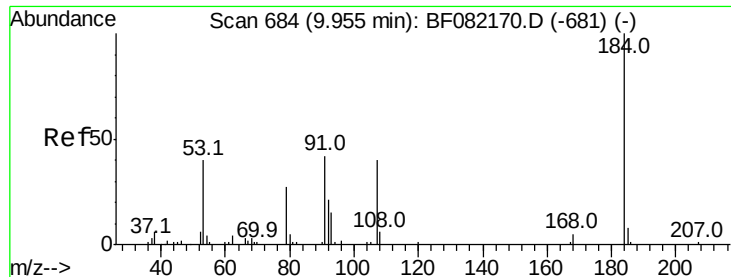


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

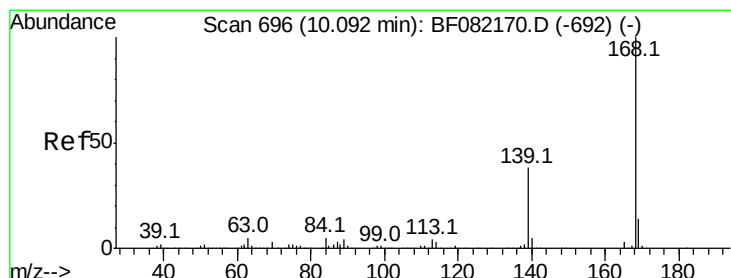
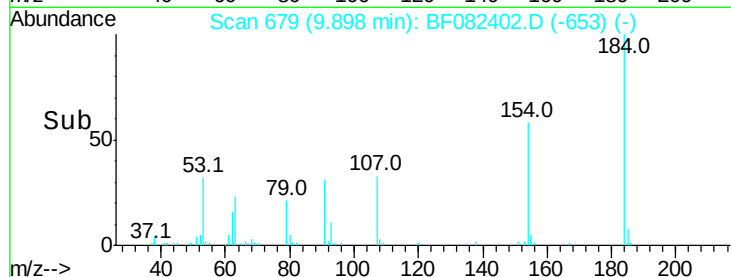
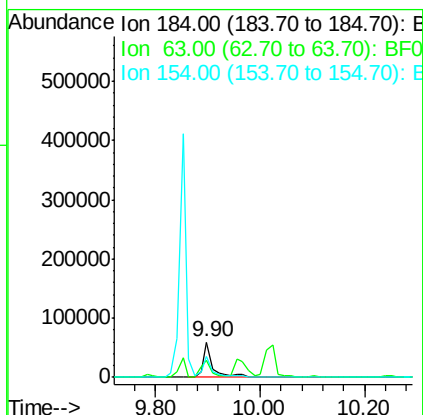
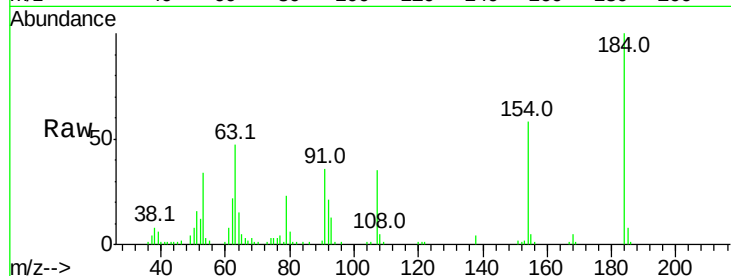




#53
2,4-Dinitrophenol
Concen: 50.62 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

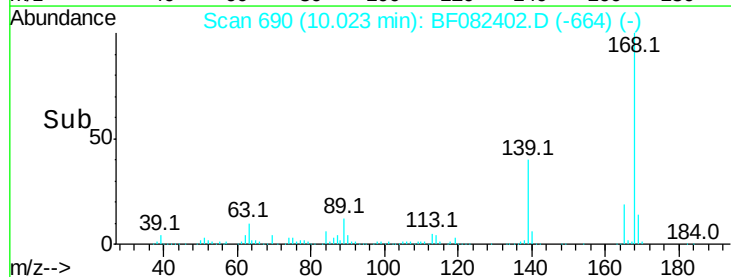
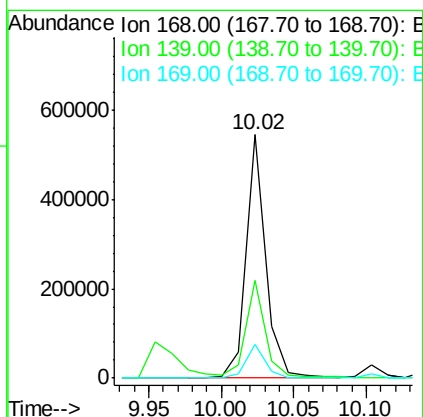
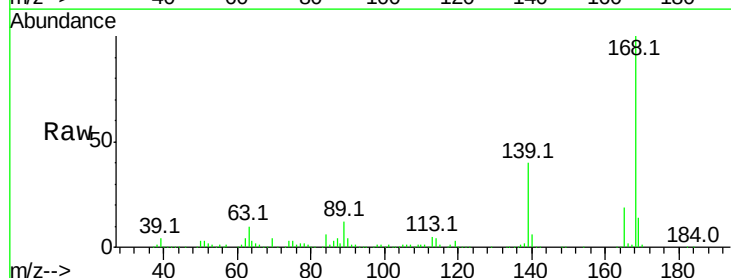
Instrument :
BNA_F
ClientSampleId :
PB86203BS

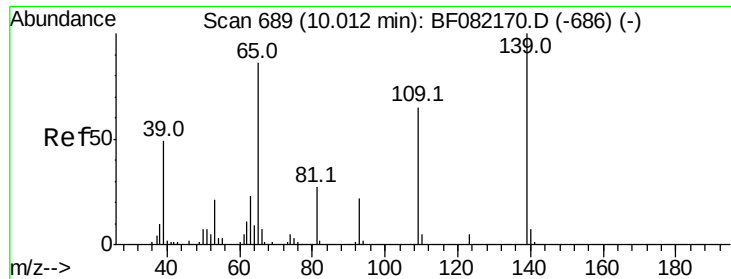
Tot Ion:184 Resp: 80776
Ion Ratio Lower Upper
184 100
63 47.1 45.1 67.7
154 57.6 51.2 76.8



#54
Dibenzofuran
Concen: 32.89 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:168 Resp: 513135
Ion Ratio Lower Upper
168 100
139 40.2 31.0 46.6
169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 56.13 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

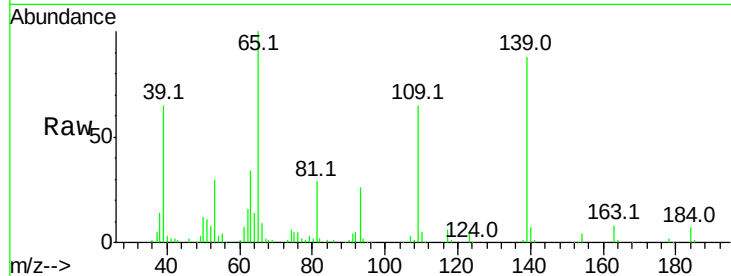
Tot Ion:139 Resp: 116046

Ion Ratio Lower Upper

139 100

109 73.8 44.8 84.8

65 113.1 67.7 107.7#

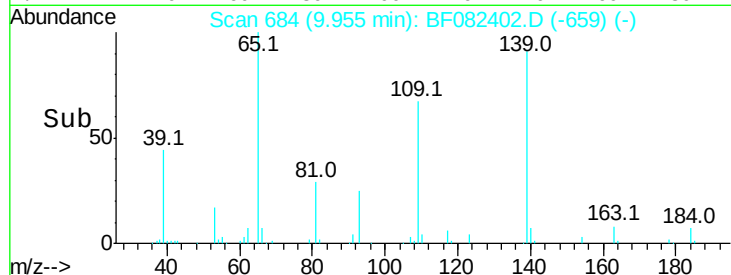


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->

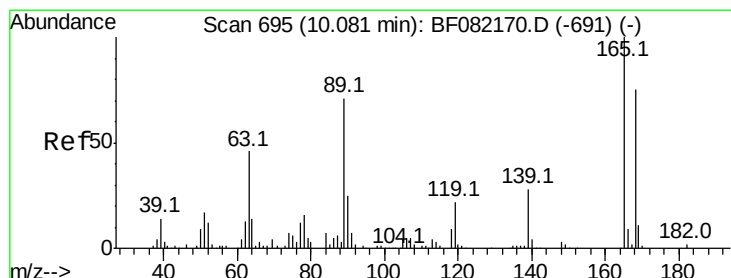


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 33.66 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Tgt Ion:165 Resp: 126544

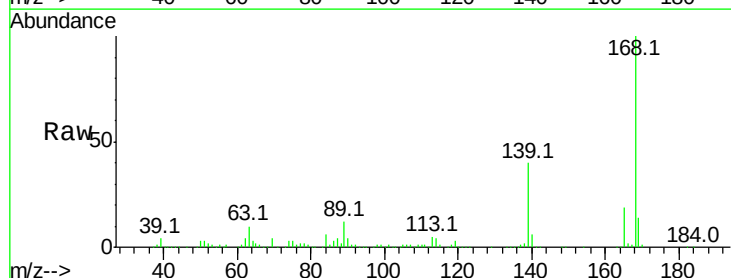
Ion Ratio Lower Upper

165 100

63 53.9 38.6 58.0

89 63.0 57.0 85.6

182 2.4 1.8 2.6



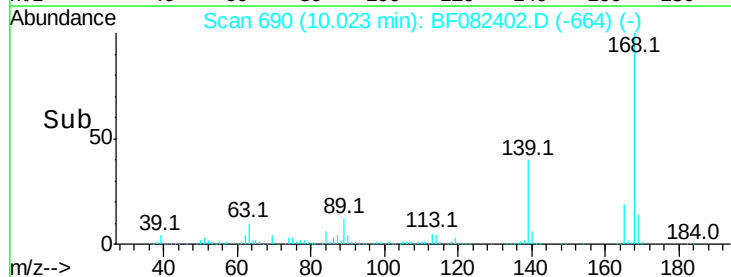
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



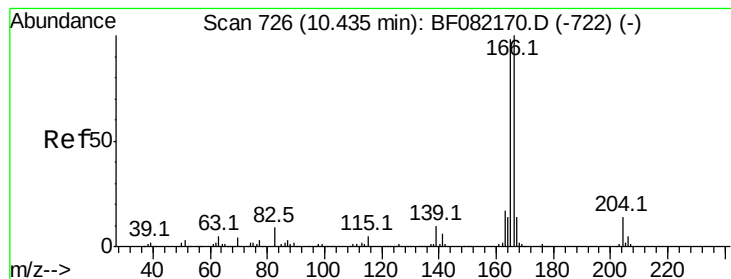
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



#57

Fluorene

Concen: 32.13 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

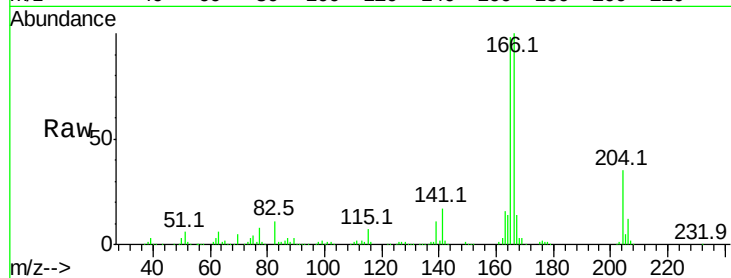
Tot Ion:166 Resp: 411738

Ion Ratio Lower Upper

166 100

165 97.7 78.3 117.5

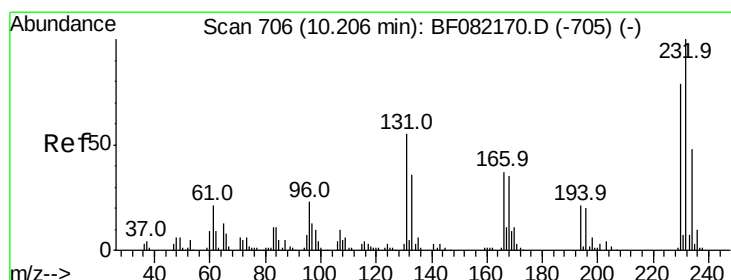
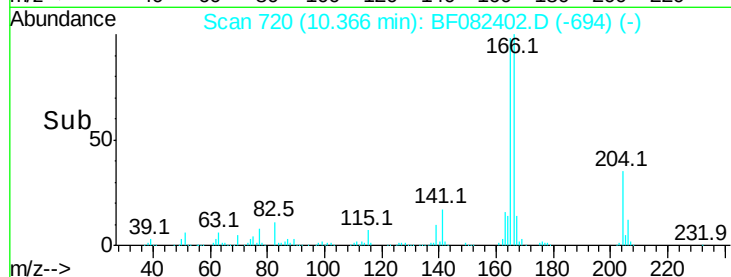
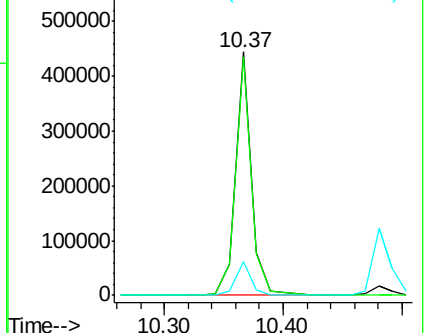
167 13.7 10.8 16.2



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: 31.71 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Tgt Ion:232 Resp: 112214

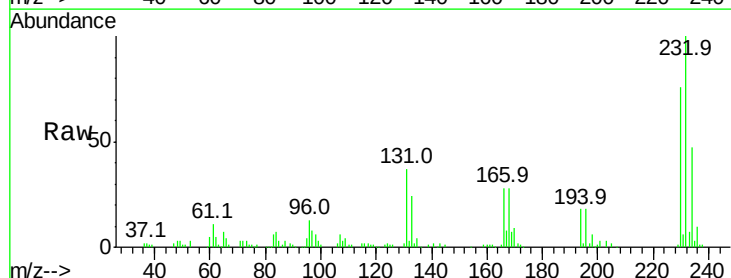
Ion Ratio Lower Upper

232 100

131 42.0 36.6 54.8

130 1.7 1.5 2.3

166 28.2 24.6 37.0

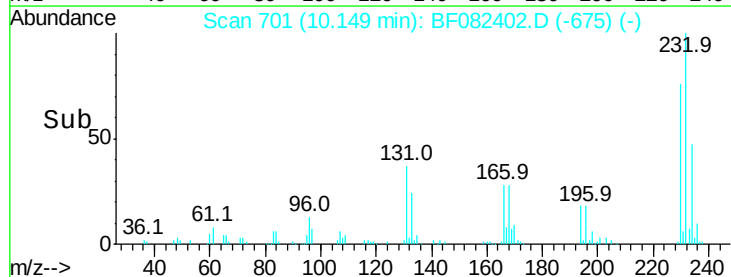
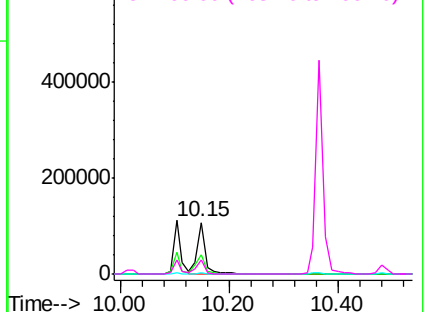


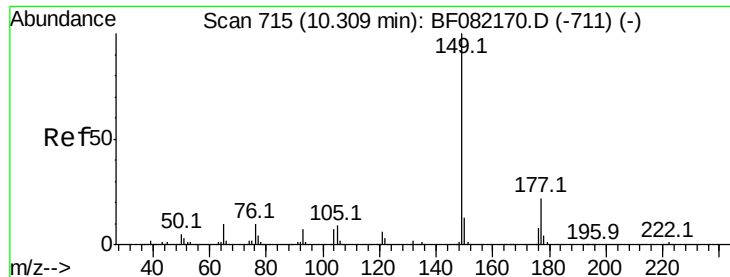
Abundance Ion 232.00 (231.70 to 232.70): E

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

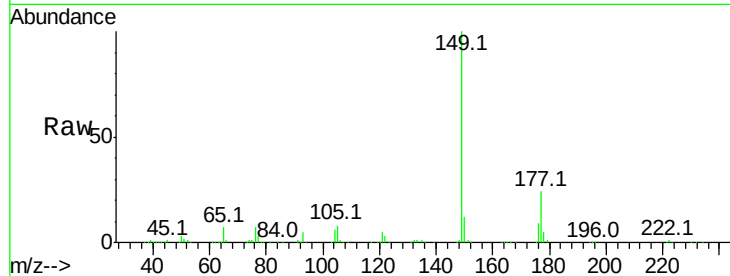




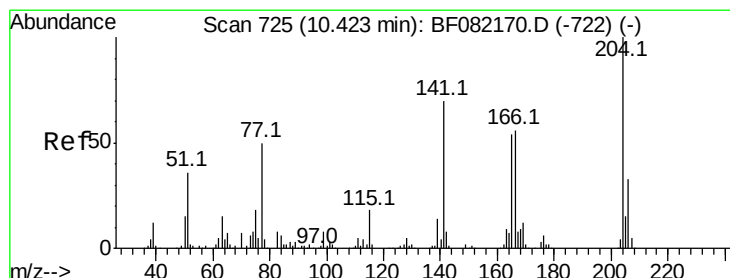
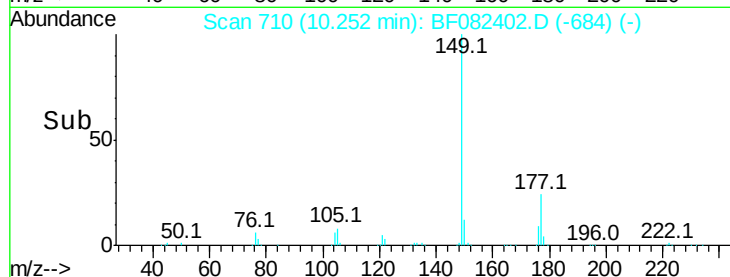
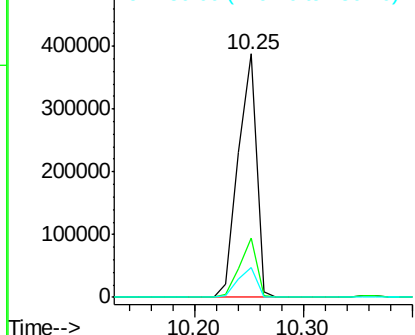
#59
Diethylphthalate
Concen: 33.72 ng
RT: 10.25 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:149 Resp: 448030
Ion Ratio Lower Upper
149 100
177 24.1 17.6 26.4
150 12.3 10.3 15.5

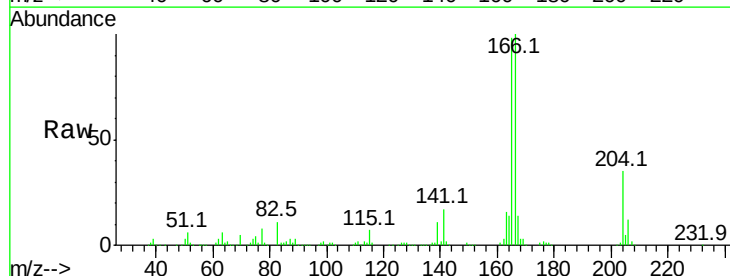


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

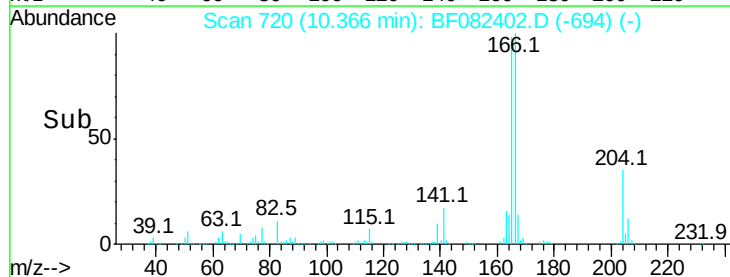
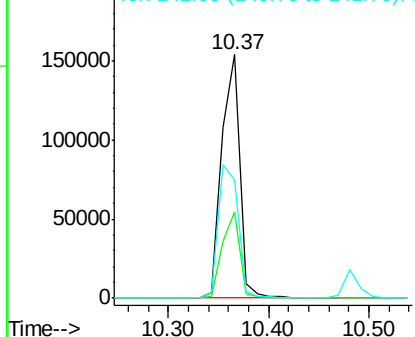


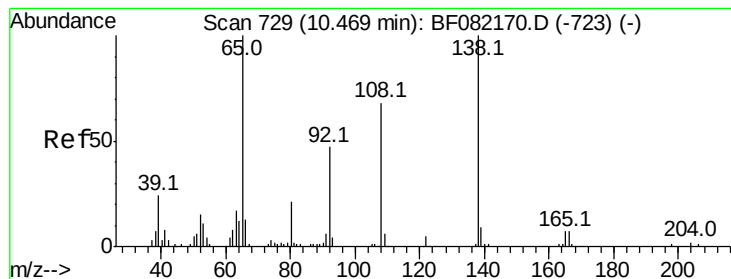
#60
4-Chlorophenyl-phenylether
Concen: 32.78 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:204 Resp: 192394
Ion Ratio Lower Upper
204 100
206 35.2 26.8 40.2
141 48.6 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: 29.09 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

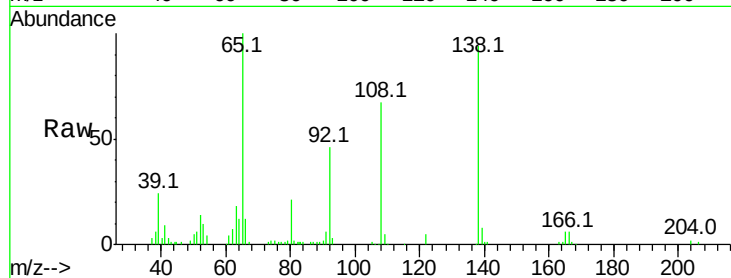
Tot Ion:138 Resp: 95845

Ion Ratio Lower Upper

138 100

92 48.7 26.8 66.8

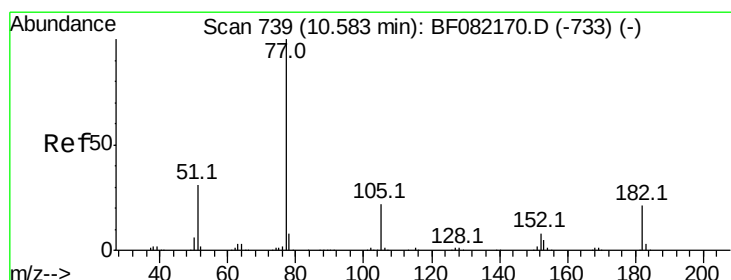
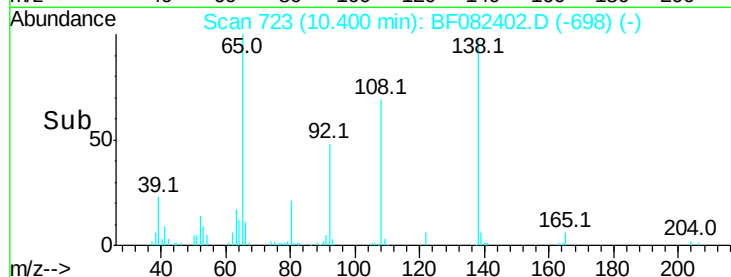
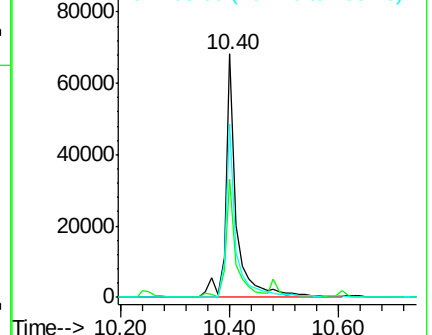
108 71.2 48.4 88.4



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: 32.67 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Tgt Ion: 77 Resp: 424797

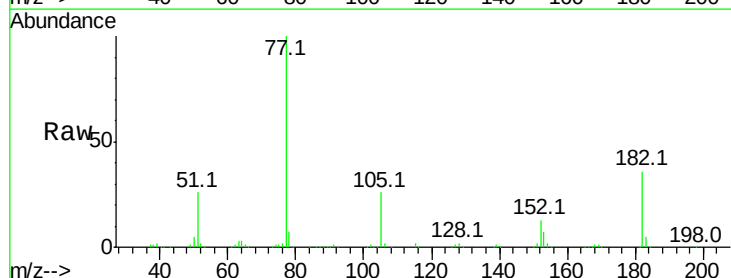
Ion Ratio Lower Upper

77 100

182 36.4 0.5 40.5

105 25.5 1.8 41.8

51 26.5 11.2 51.2

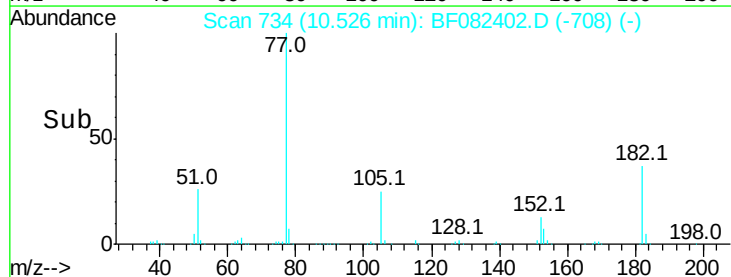
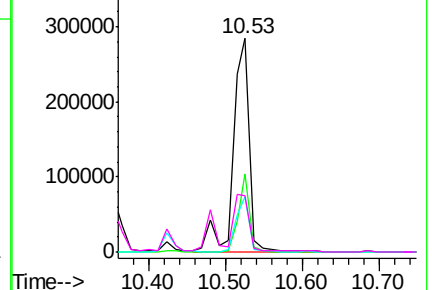


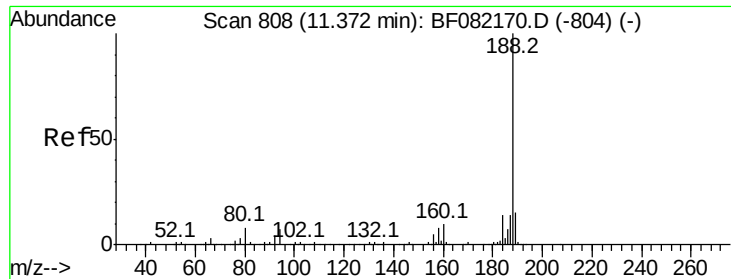
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

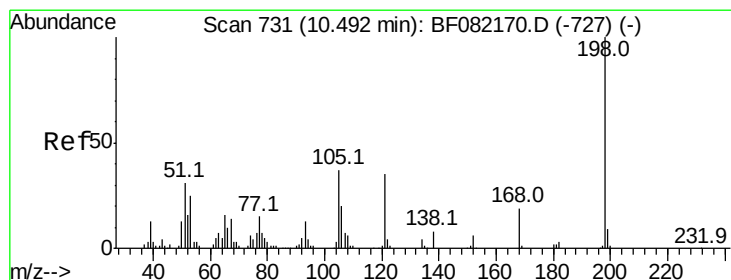
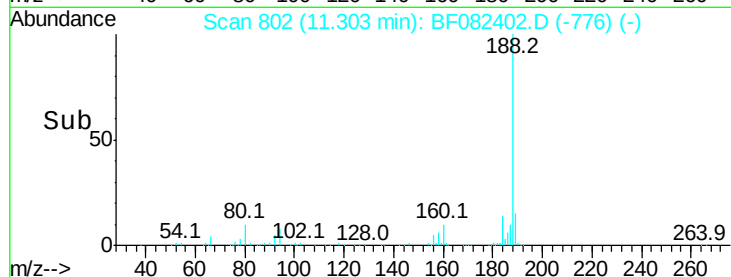
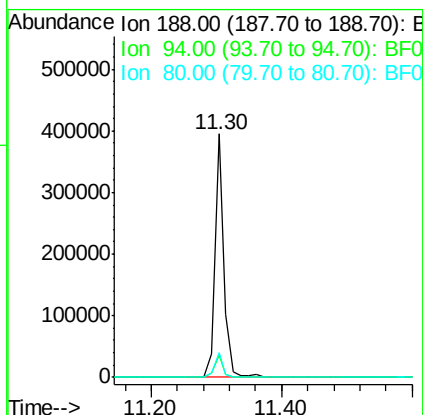
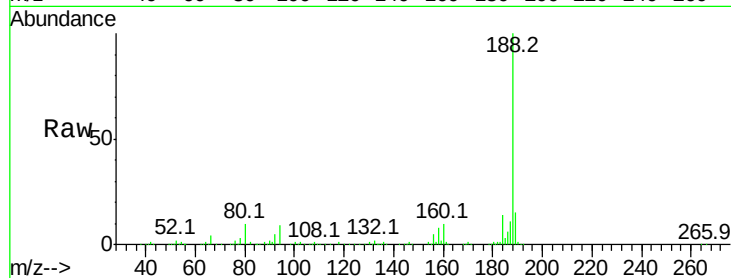




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

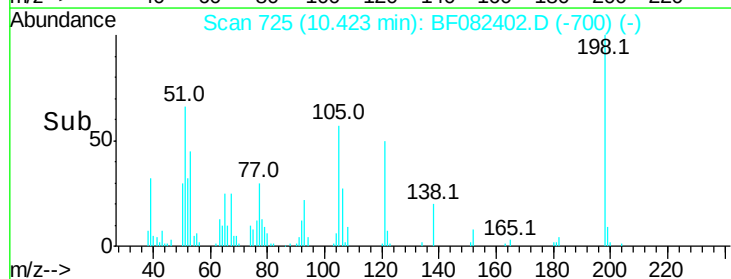
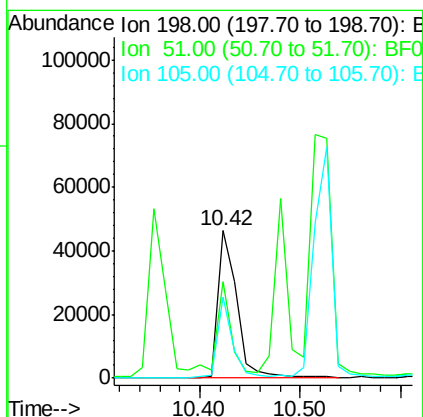
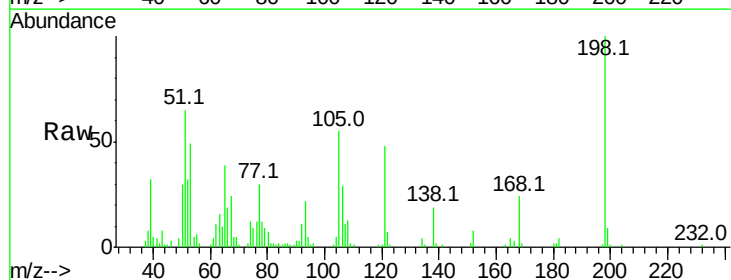
Instrument :
BNA_F
ClientSampleId :
PB86203BS

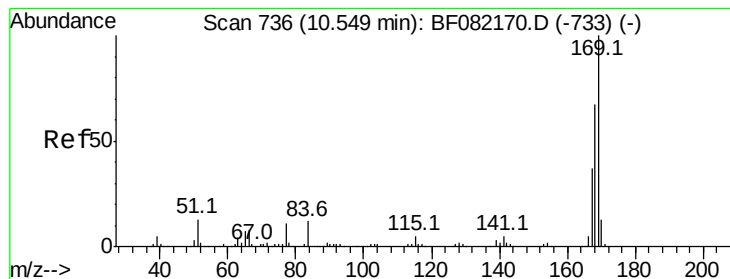
Tot Ion:188 Resp: 385859
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.6#
80 10.0 6.4 9.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 27.98 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:198 Resp: 60584
Ion Ratio Lower Upper
198 100
51 65.2 13.6 53.6#
105 54.8 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 30.30 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

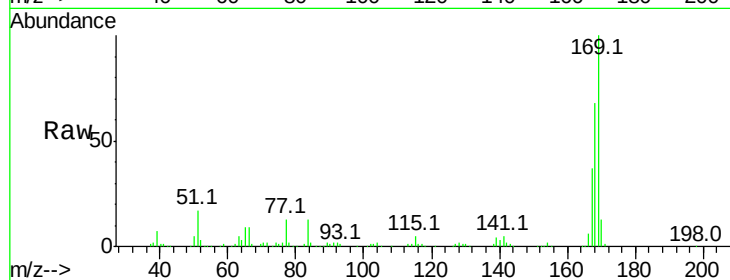
Tot Ion:169 Resp: 350088

Ion Ratio Lower Upper

169 100

168 67.6 54.0 81.0

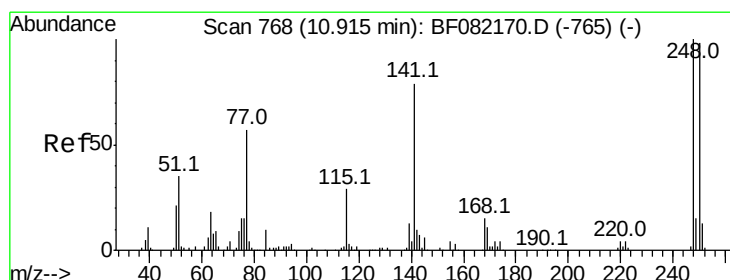
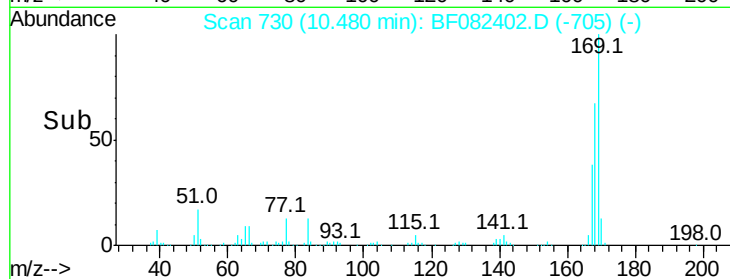
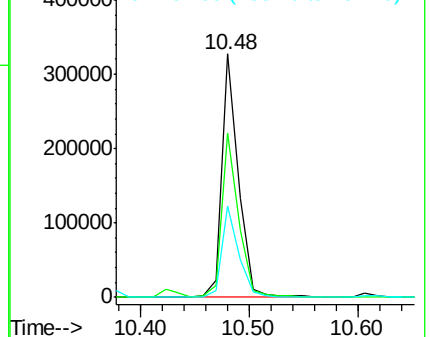
167 37.5 29.6 44.4



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: 29.51 ng

RT: 10.85 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

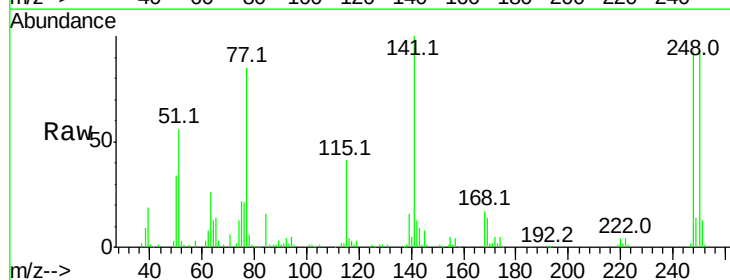
Tgt Ion:248 Resp: 113960

Ion Ratio Lower Upper

248 100

250 100.4 78.6 117.8

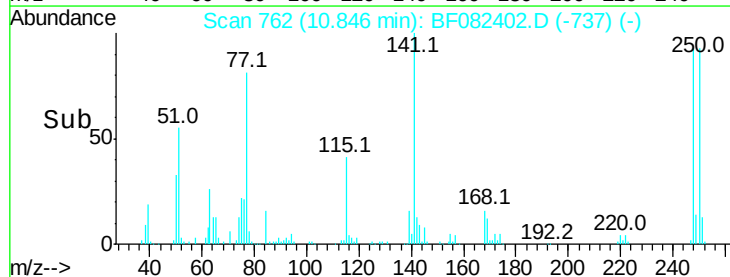
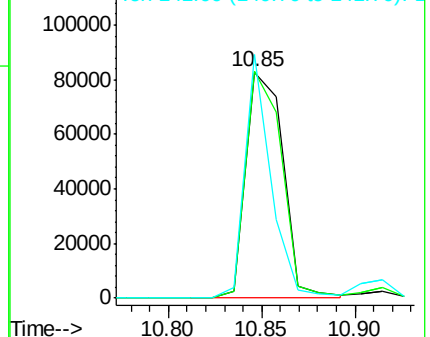
141 107.9 63.3 94.9#

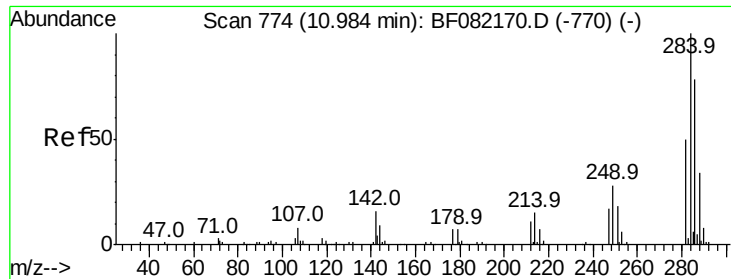


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.61 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

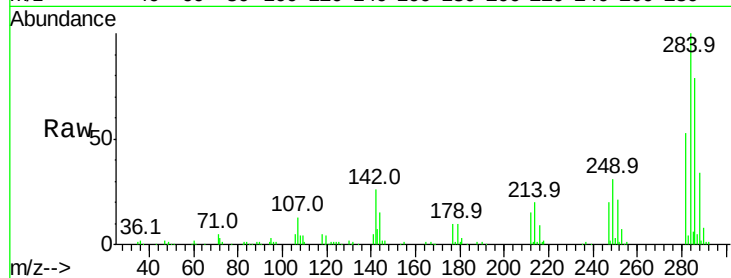
Tot Ion:284 Resp: 132003

Ion Ratio Lower Upper

284 100

142 25.7 13.0 19.6#

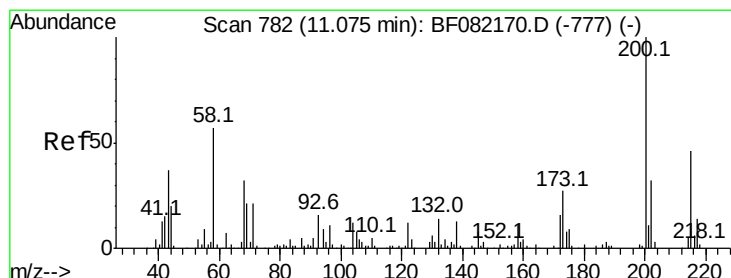
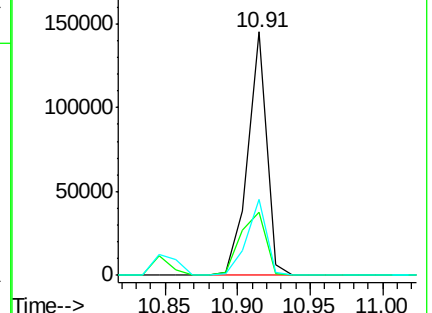
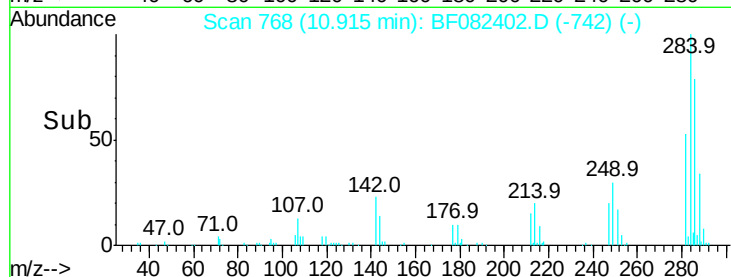
249 31.2 22.5 33.7



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: 37.60 ng

RT: 11.02 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

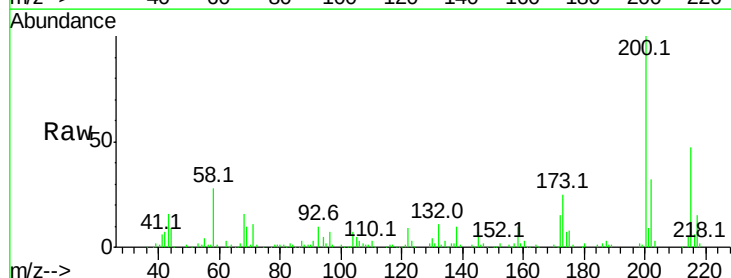
Tgt Ion:200 Resp: 137635

Ion Ratio Lower Upper

200 100

173 24.7 7.3 47.3

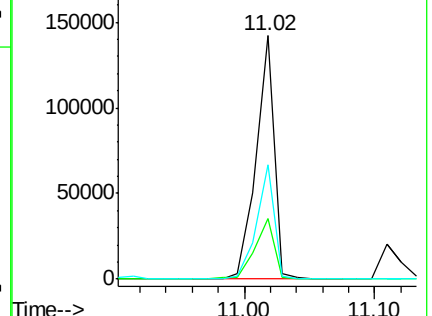
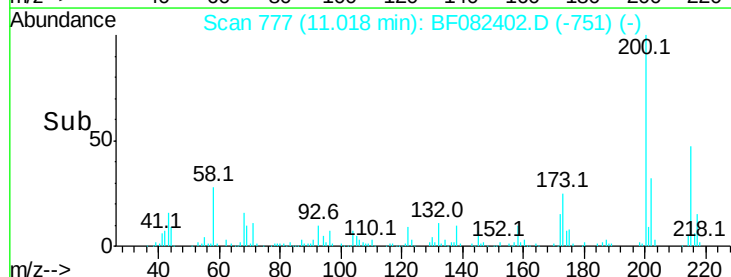
215 47.1 26.2 66.2

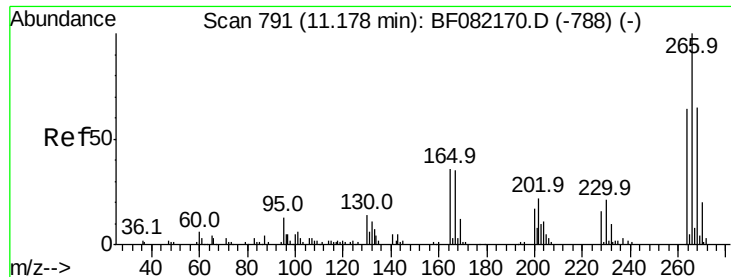


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

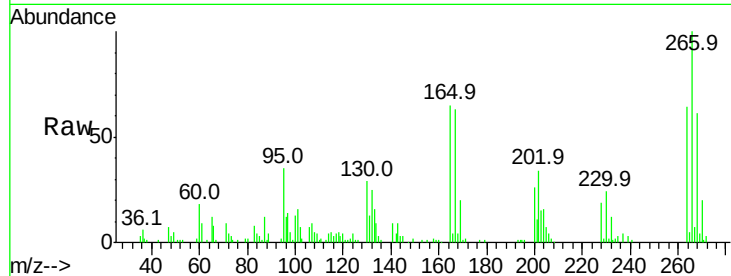




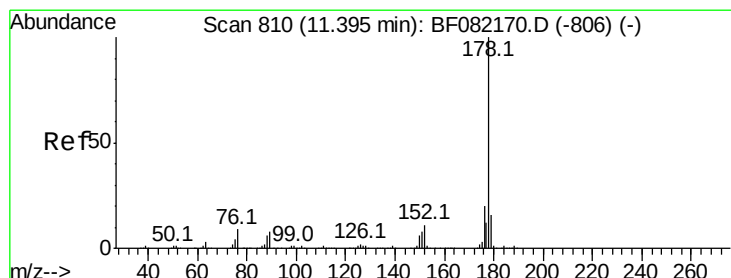
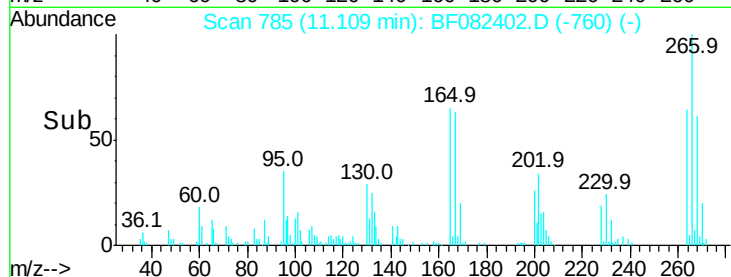
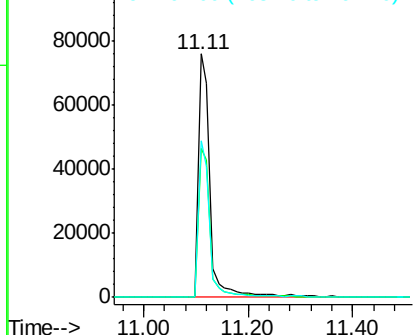
#69
 Pentachlorophenol
 Concen: 55.14 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.9	52.0	78.0
264	64.5	51.4	77.0

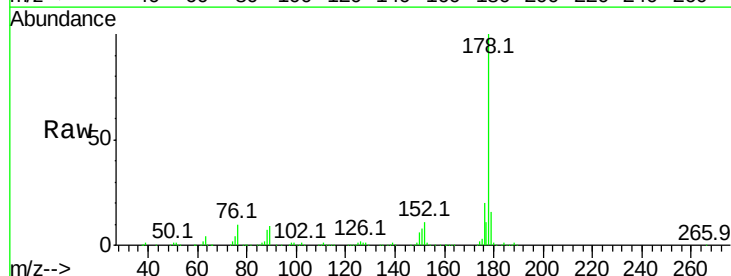


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

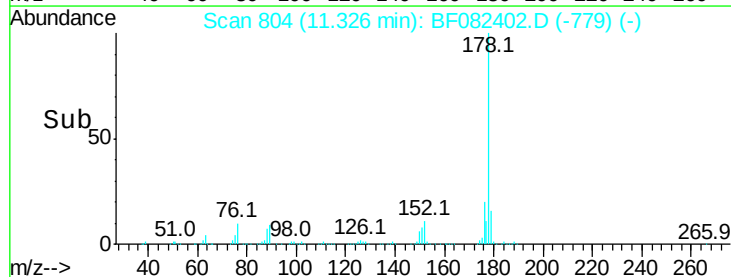
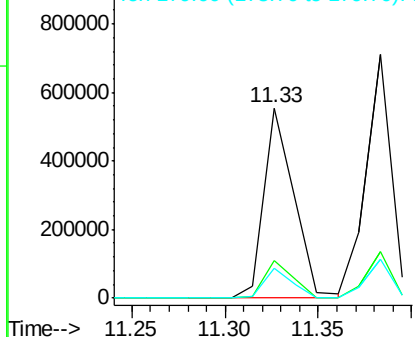


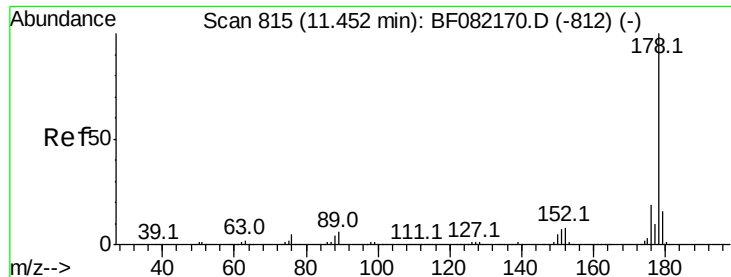
#70
 Phenanthrene
 Concen: 32.49 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.0	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

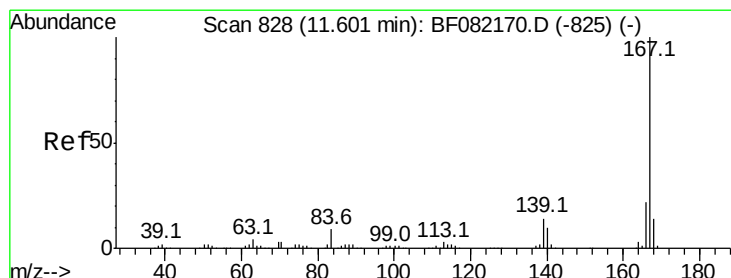
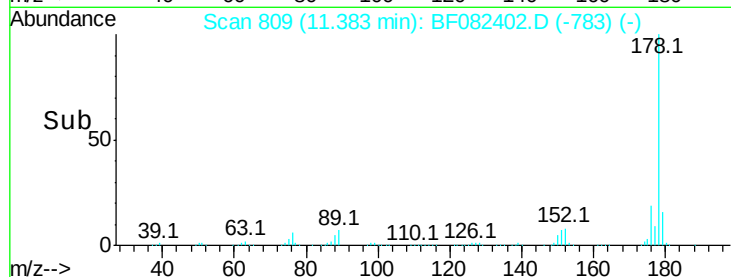
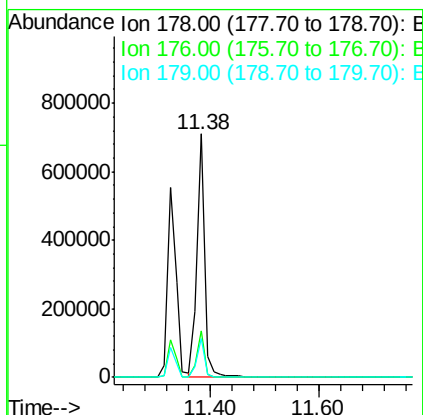
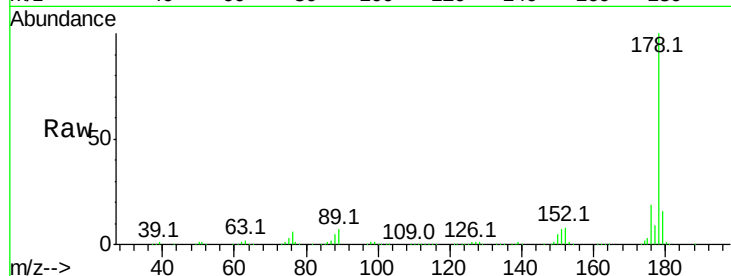




#71
 Anthracene
 Concen: 35.67 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

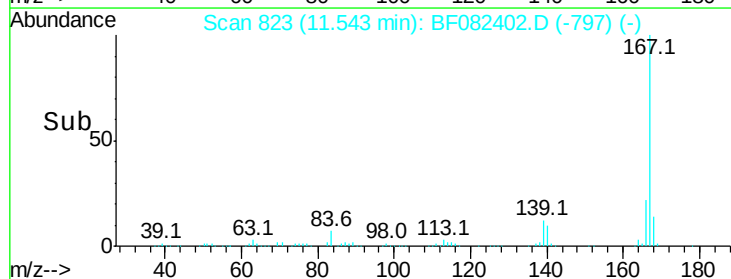
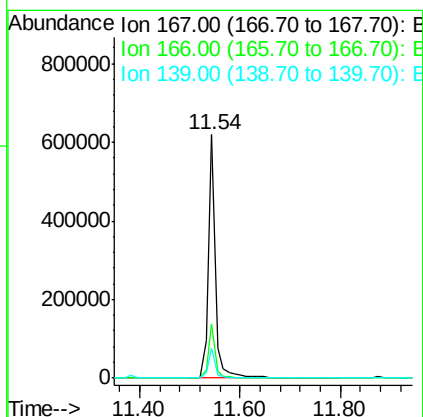
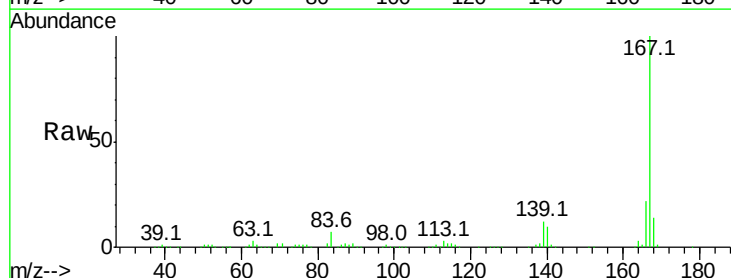
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

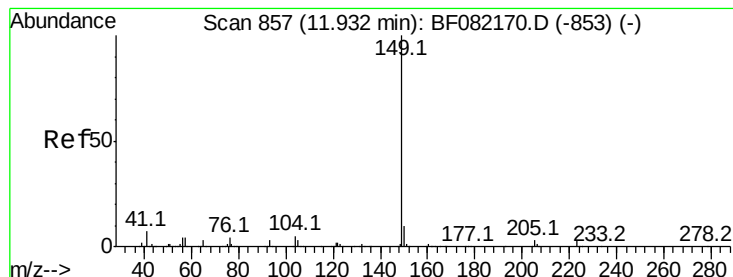
Tot Ion:178 Resp: 695151
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 34.01 ng
 RT: 11.54 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:167 Resp: 604583
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 12.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 34.14 ng

RT: 11.87 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

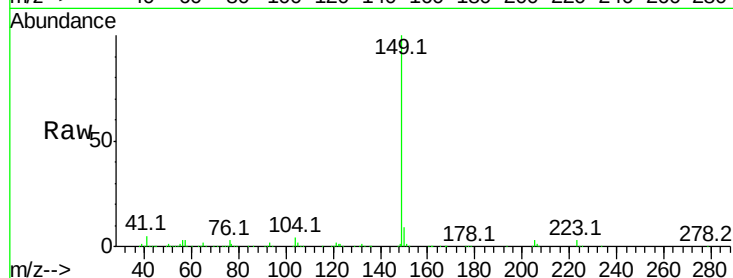
Tot Ion:149 Resp: 748867

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

104 3.9 3.8 5.8

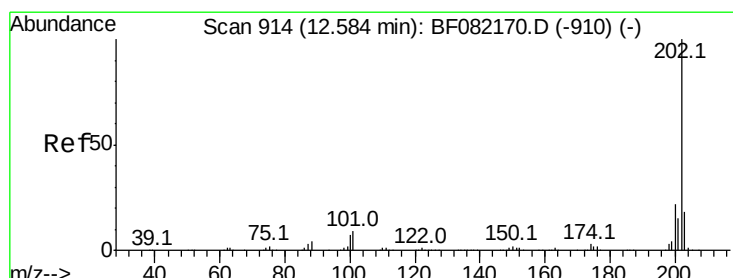
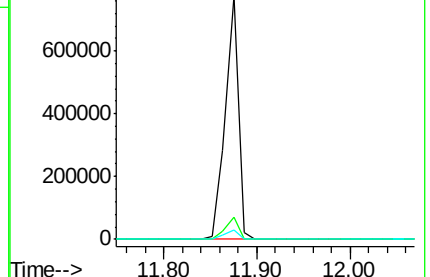
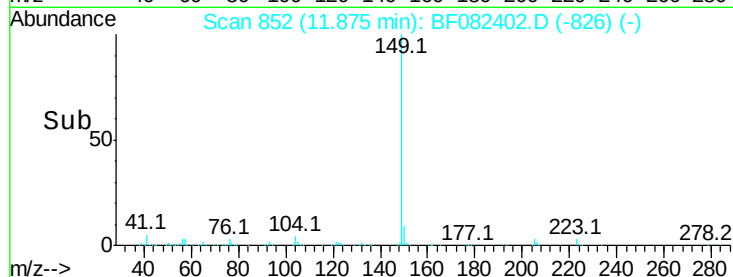


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#74

Fluoranthene

Concen: 34.93 ng

RT: 12.53 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

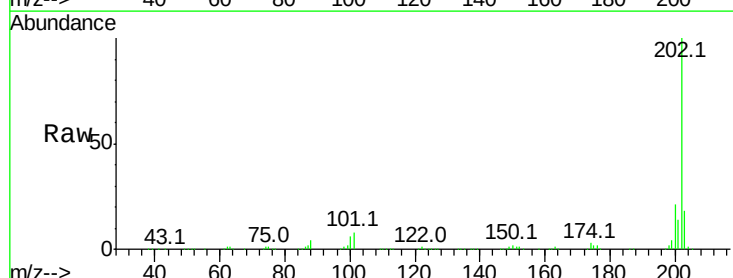
Tgt Ion:202 Resp: 709563

Ion Ratio Lower Upper

202 100

101 7.8 0.0 29.3

203 17.7 0.0 37.8

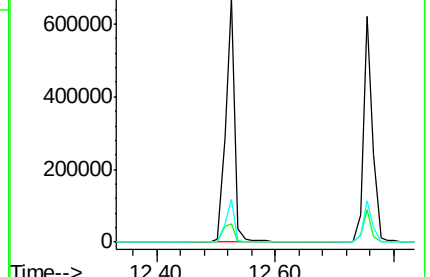
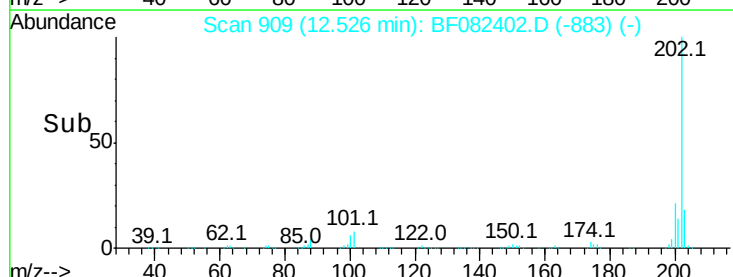


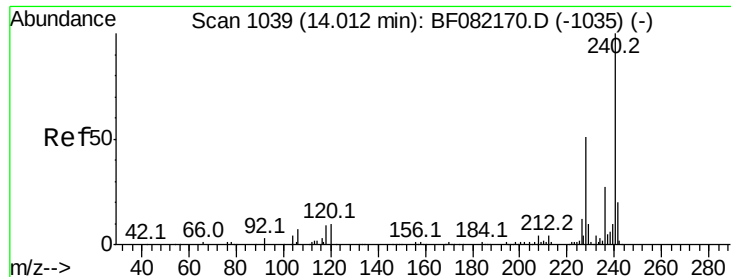
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. 0.03 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

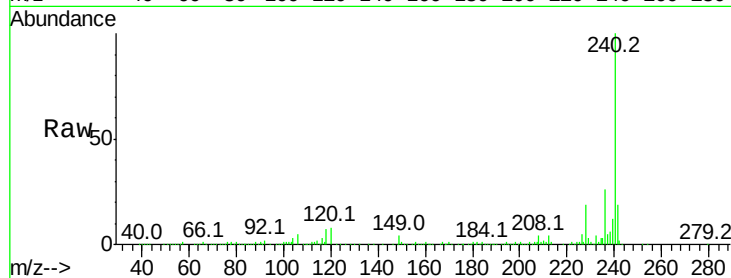
Tot Ion:240 Resp: 349489

Ion Ratio Lower Upper

240 100

120 8.1 8.1 12.1

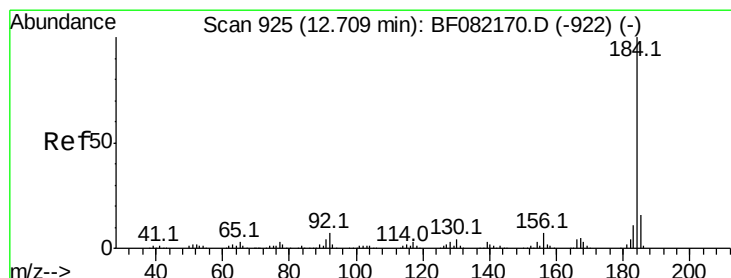
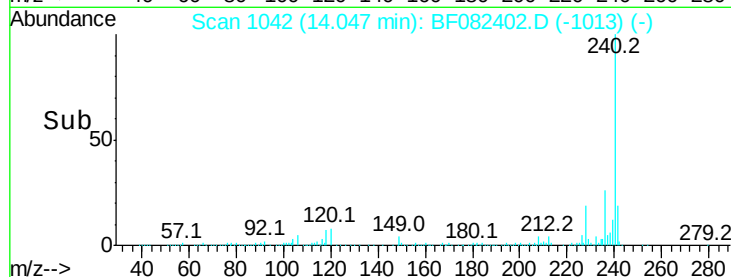
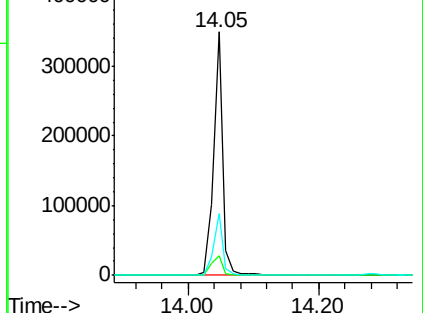
236 25.7 21.3 31.9



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: 20.67 ng

RT: 12.65 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

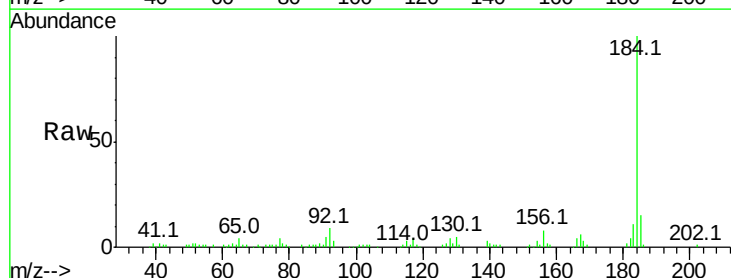
Tgt Ion:184 Resp: 209364

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

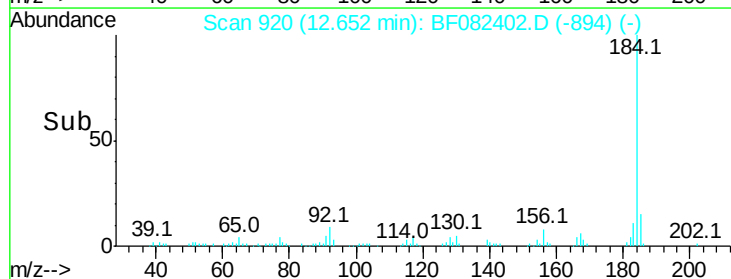
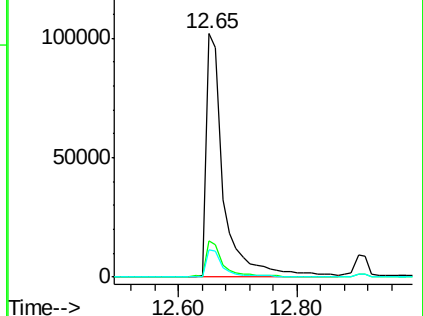
183 11.5 9.1 13.7

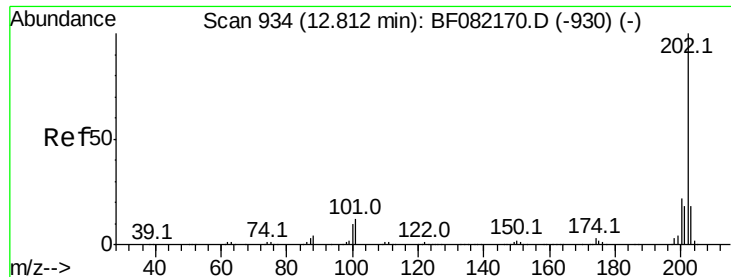


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

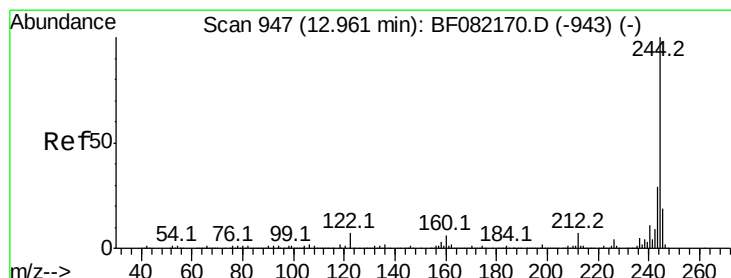
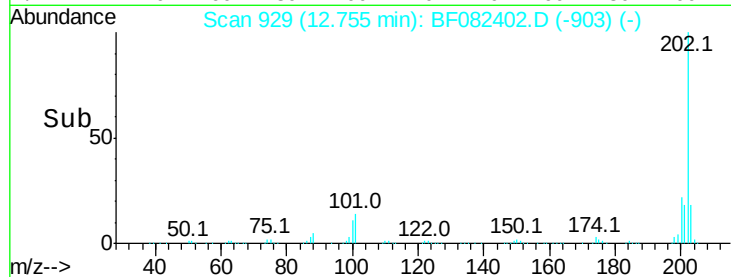
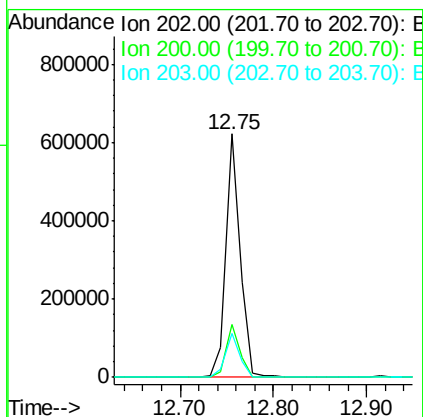
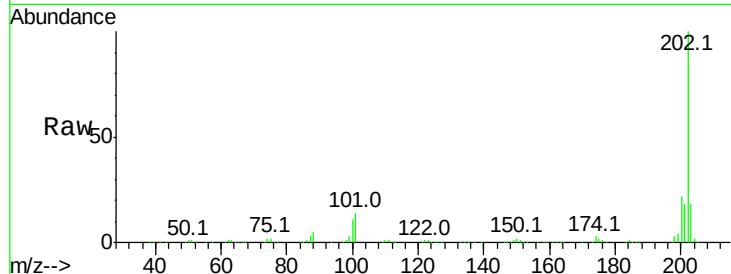




#77
 Pvrene
 Concen: 31.90 ng
 RT: 12.75 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

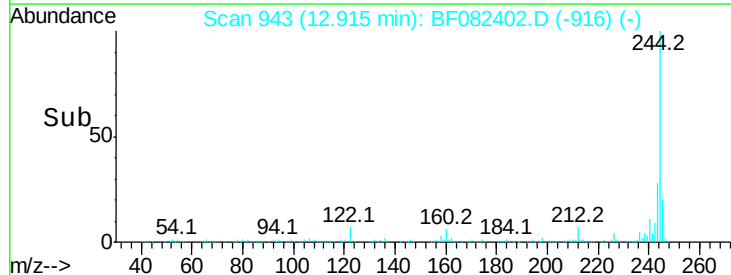
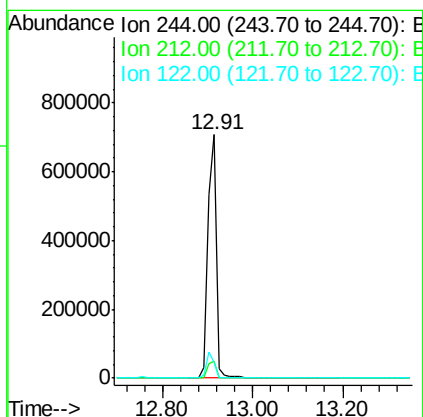
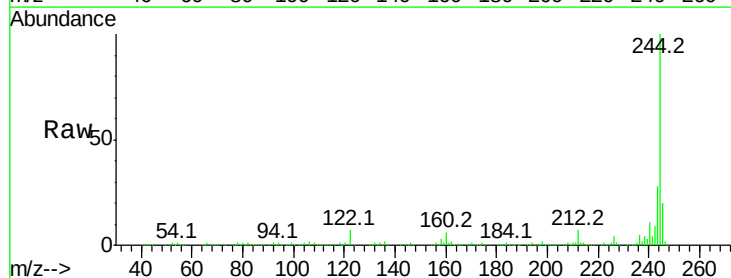
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

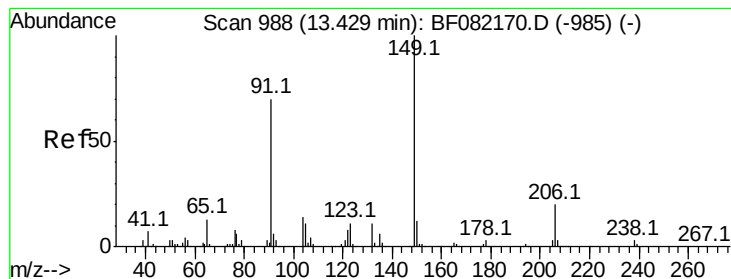
Tot Ion:202 Resp: 661700
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.9 26.9
 203 18.1 14.5 21.7



#78
 Terphenyl-d14
 Concen: 70.00 ng
 RT: 12.91 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:244 Resp: 923268
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 6.6 5.9 8.9





#79

Butylbenzylphthalate

Concen: 33.19 ng

RT: 13.42 min Scan# 987

Delta R.T. 0.02 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

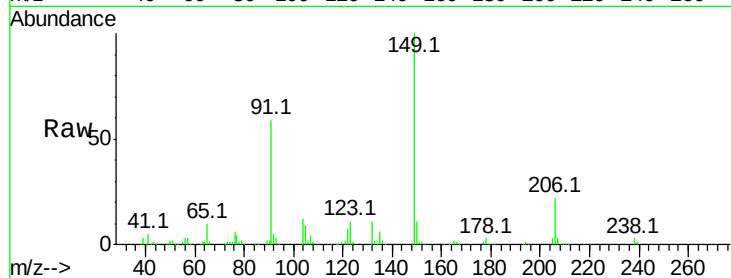
Tot Ion:149 Resp: 314113

Ion Ratio Lower Upper

149 100

91 59.2 55.7 83.5

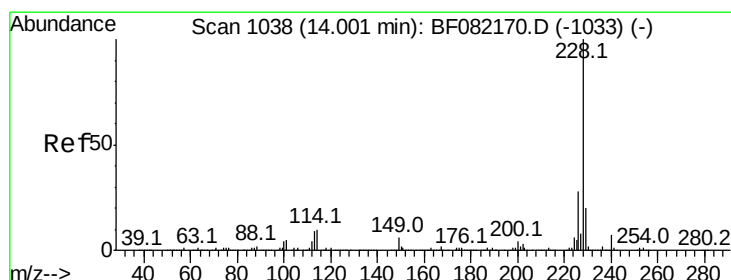
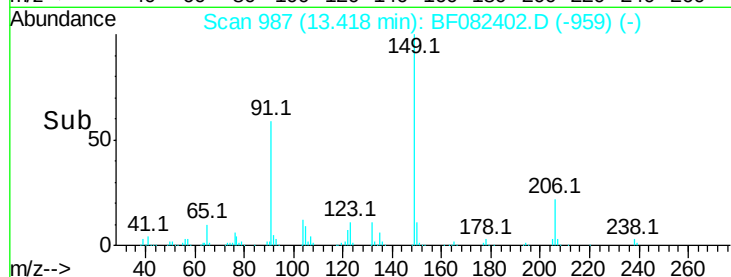
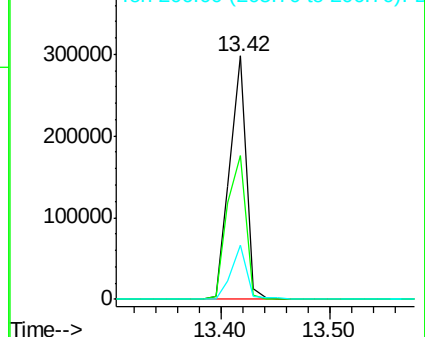
206 22.1 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 32.86 ng

RT: 14.04 min Scan# 1041

Delta R.T. 0.05 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

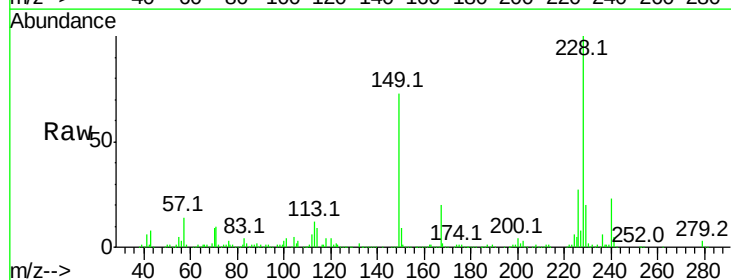
Tgt Ion:228 Resp: 597547

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

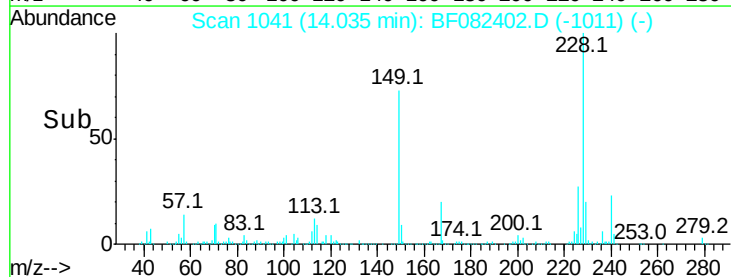
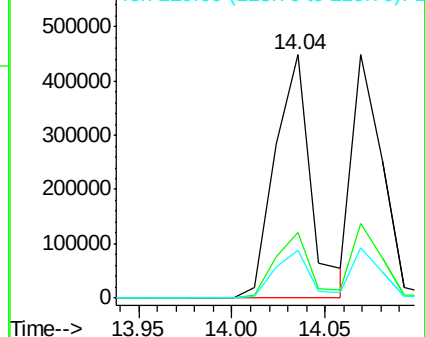
229 19.7 16.2 24.2

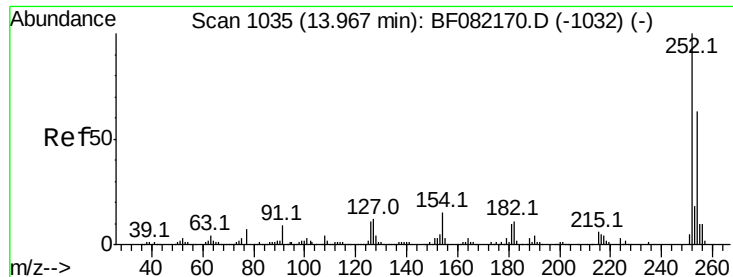


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

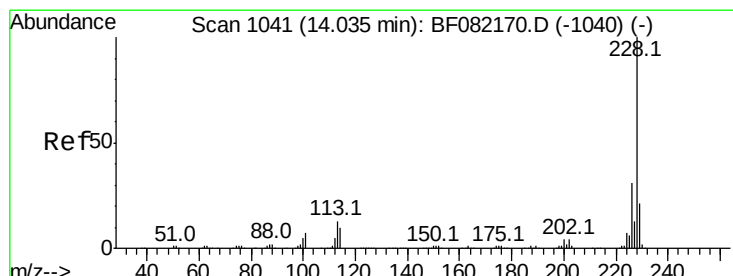
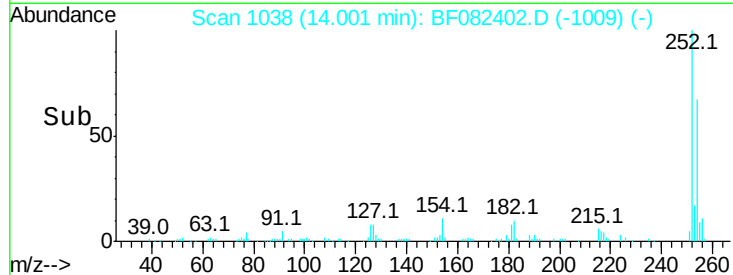
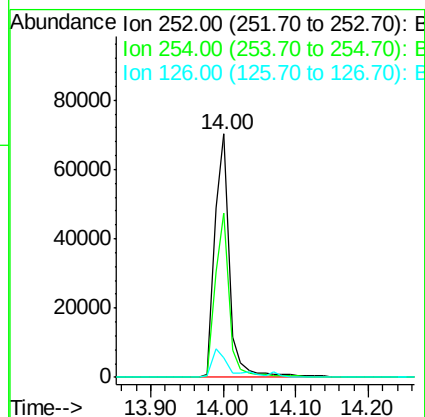
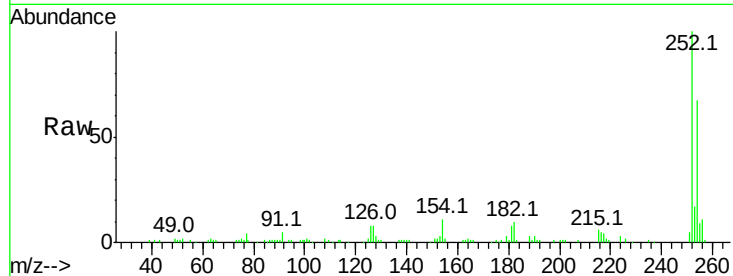




#81
 3,3'-Dichlorobenzidine
 Concen: 14.35 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. 0.03 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

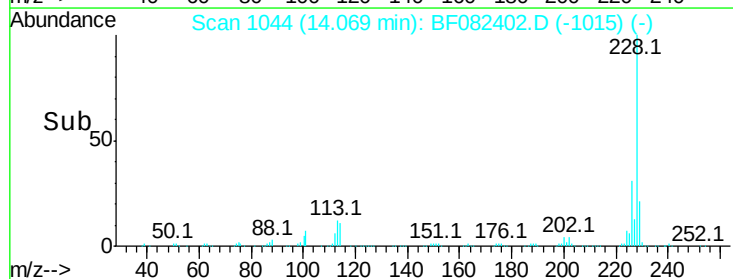
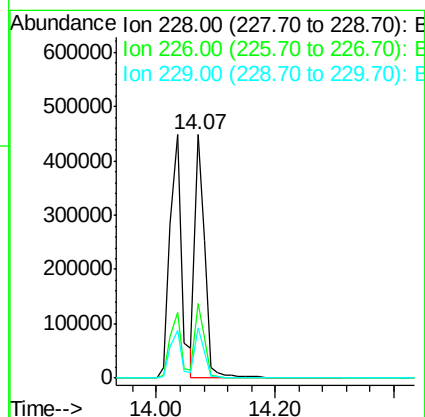
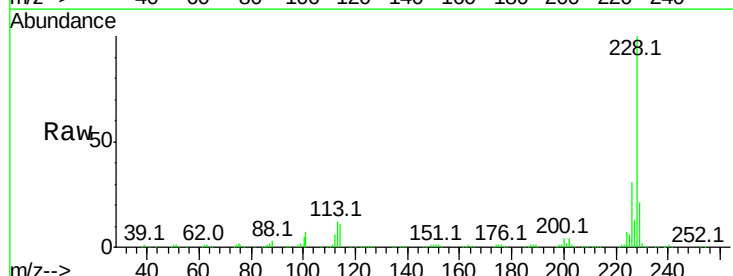
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

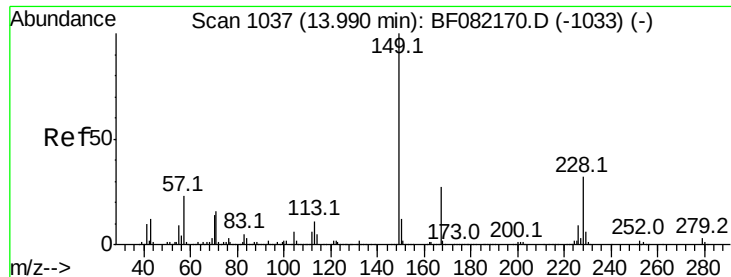
Tot Ion:252 Resp: 99065
 Ion Ratio Lower Upper
 252 100
 254 67.4 50.7 76.1
 126 8.2 9.0 13.6#



#82
 Chrysene
 Concen: 27.13 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.03 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:228 Resp: 519774
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.5 16.3 24.5

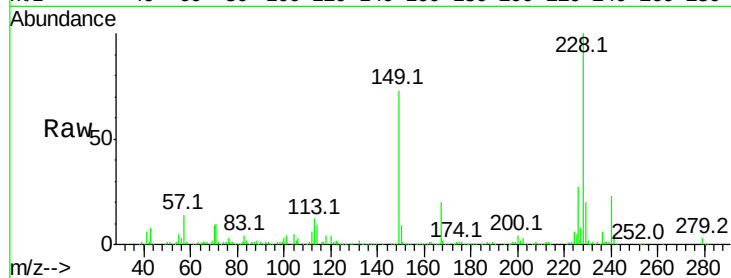




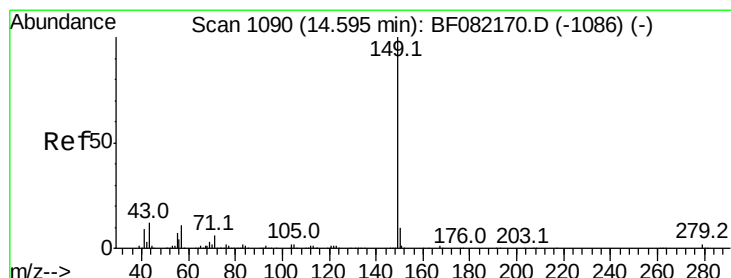
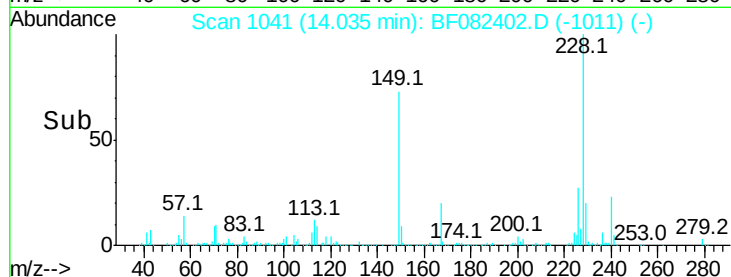
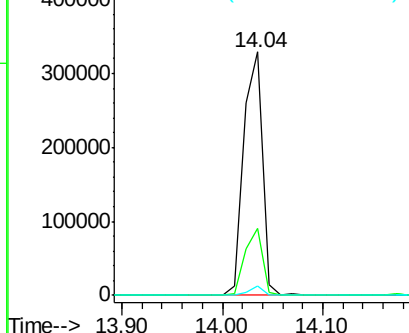
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.53 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.05 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:149 Resp: 425793
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 3.8 2.6 4.0

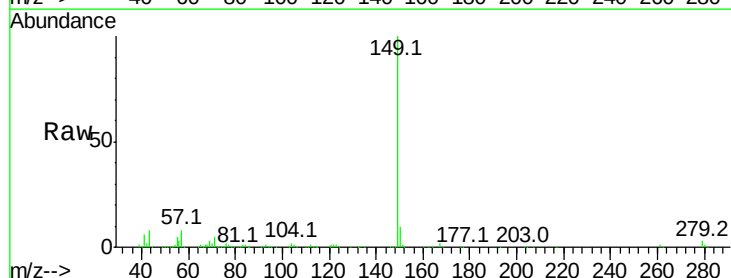


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

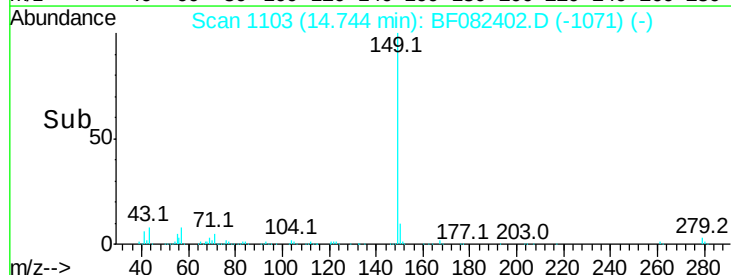
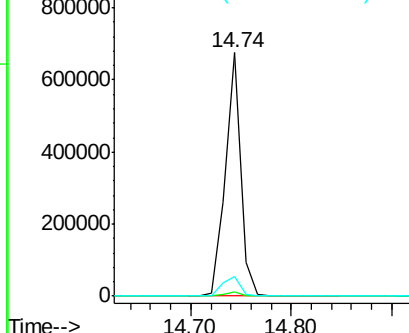


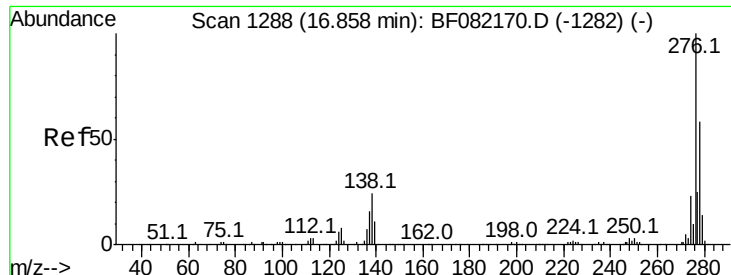
#84
 Di-n-octyl phthalate
 Concen: 30.99 ng
 RT: 14.74 min Scan# 1103
 Delta R.T. 0.07 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:149 Resp: 718766
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.0 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

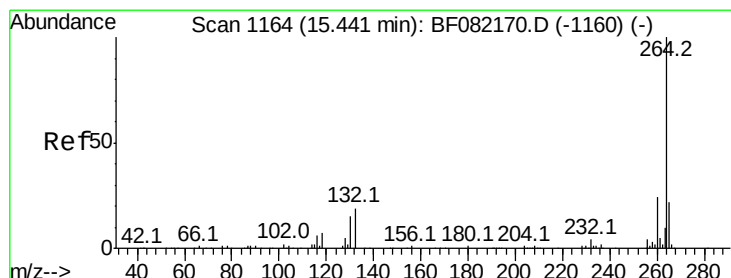
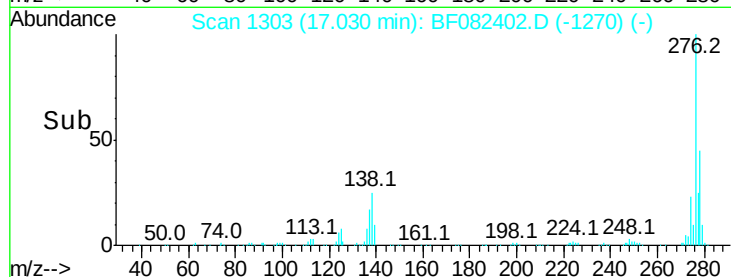
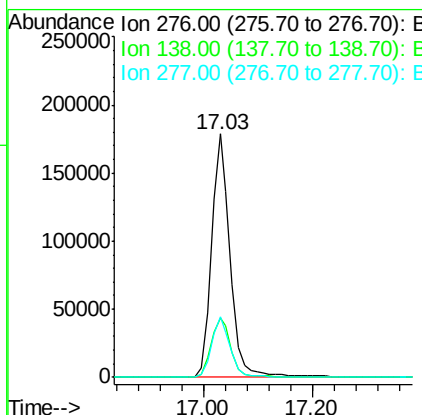
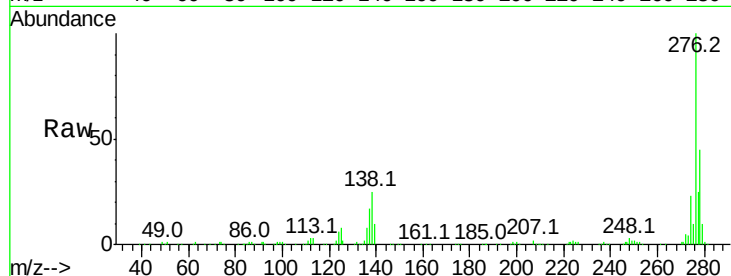




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.23 ng
 RT: 17.03 min Scan# 1303
 Delta R.T. 0.08 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

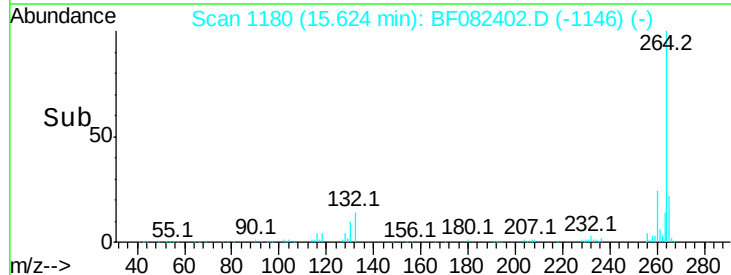
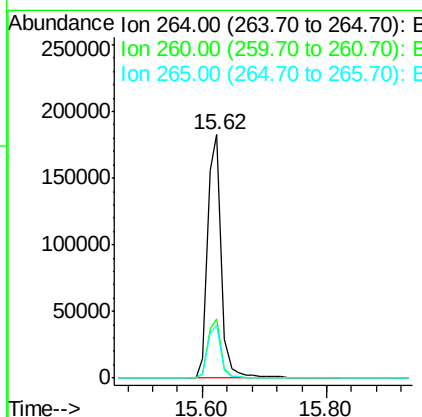
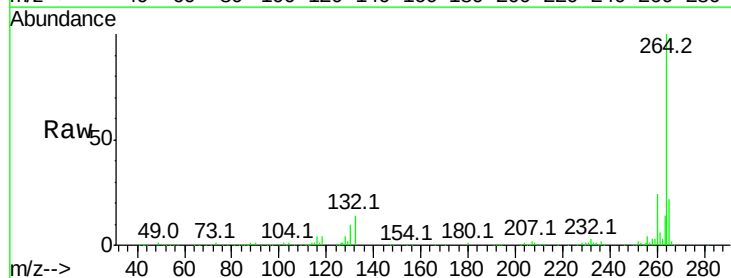
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

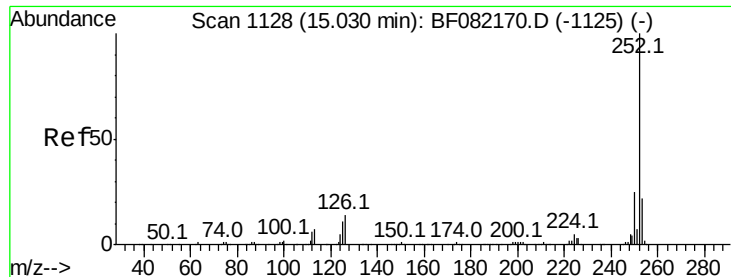
Tot Ion:276 Resp: 429949
 Ion Ratio Lower Upper
 276 100
 138 26.3 19.7 29.5
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1180
 Delta R.T. 0.09 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:264 Resp: 277591
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.5 17.3 25.9

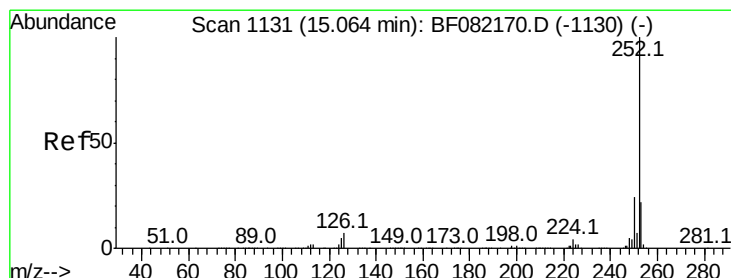
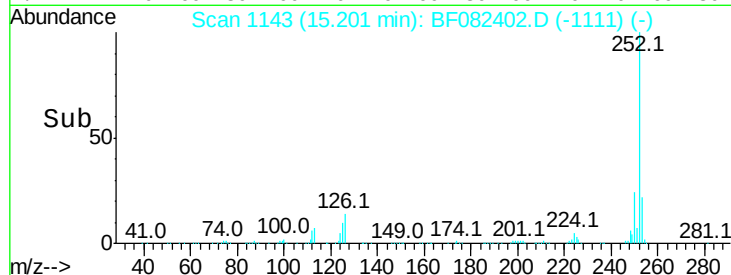
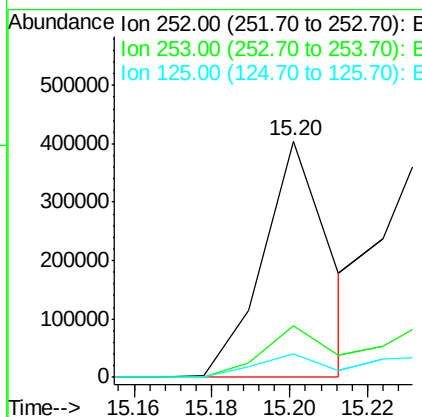
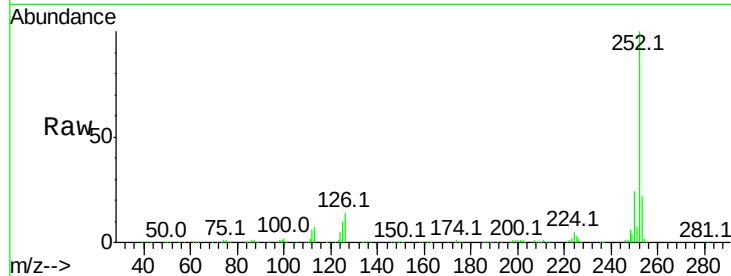




#87
Benzo(b)fluoranthene
Concen: 28.35 ng m
RT: 15.20 min Scan# 1143
Delta R.T. 0.07 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

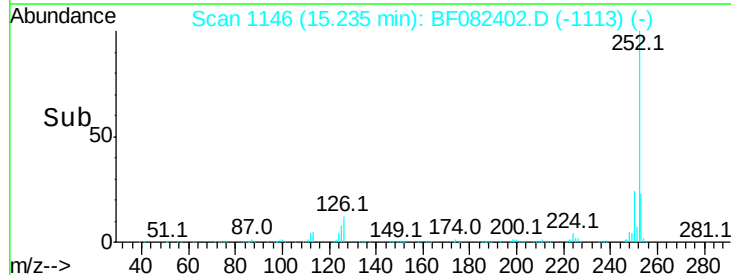
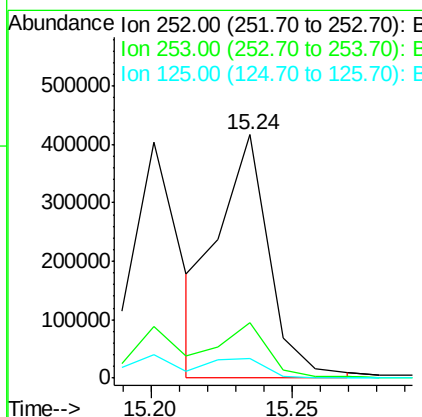
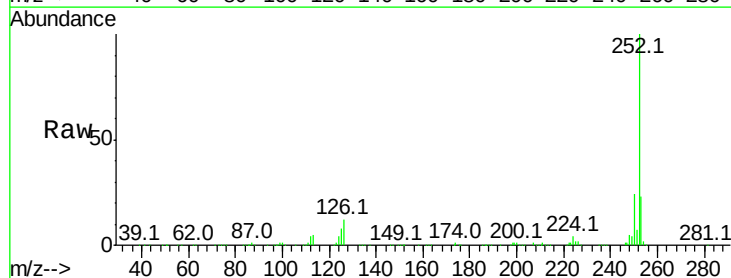
Instrument :
BNA_F
ClientSampleId :
PB86203BS

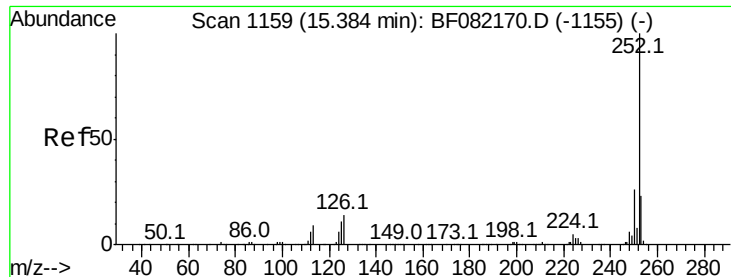
Tot Ion:252 Resp: 478729
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.1 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 36.14 ng m
RT: 15.24 min Scan# 1146
Delta R.T. 0.08 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:252 Resp: 513068
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 8.1 6.7 10.1





#89

Benzo(a)pyrene

Concen: 31.85 ng

RT: 15.56 min Scan# 1174

Delta R.T. 0.08 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

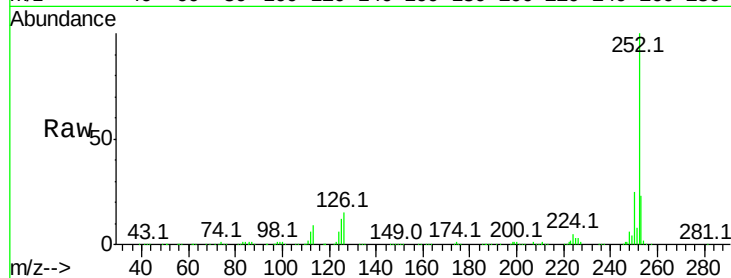
Tot Ion:252 Resp: 462318

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

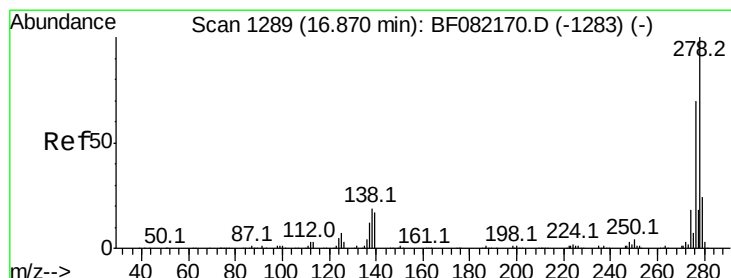
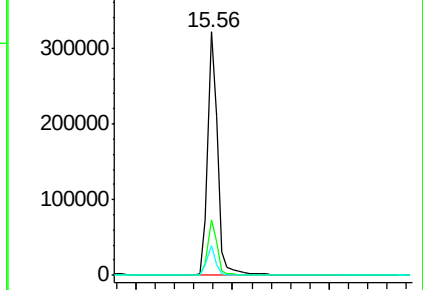
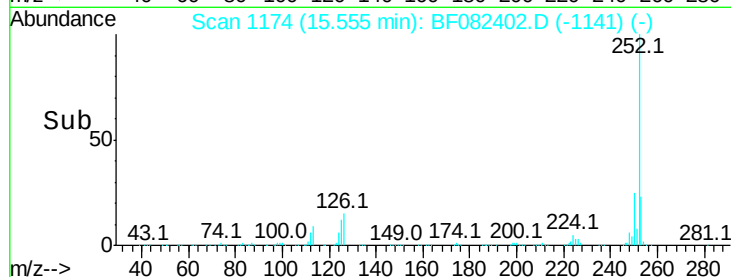
125 12.2 8.9 13.3



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: 30.78 ng

RT: 17.04 min Scan# 1304

Delta R.T. 0.08 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

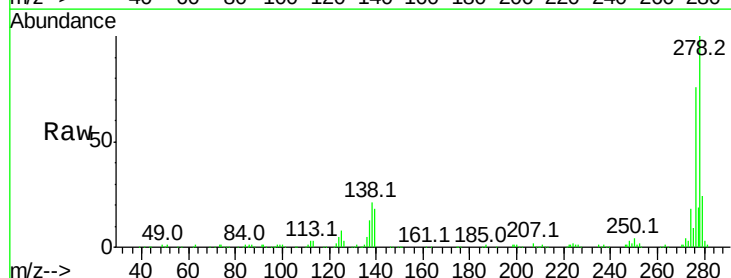
Tgt Ion:278 Resp: 366069

Ion Ratio Lower Upper

278 100

139 17.9 13.3 19.9

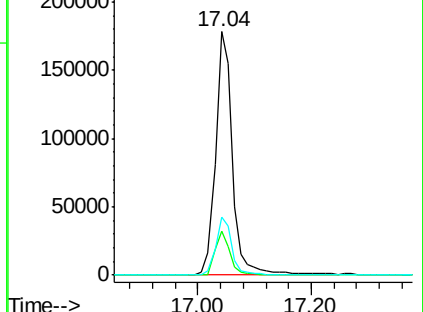
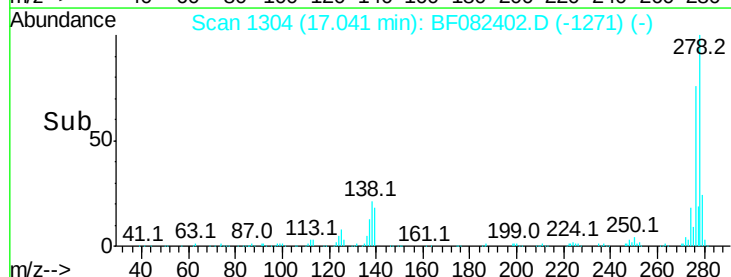
279 23.8 18.9 28.3

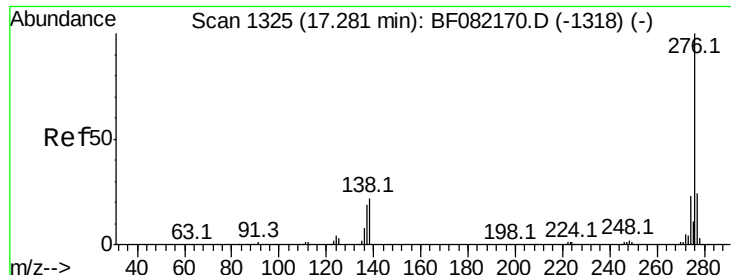


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.03 ng

RT: 17.45 min Scan# 1340

Delta R.T. 0.09 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

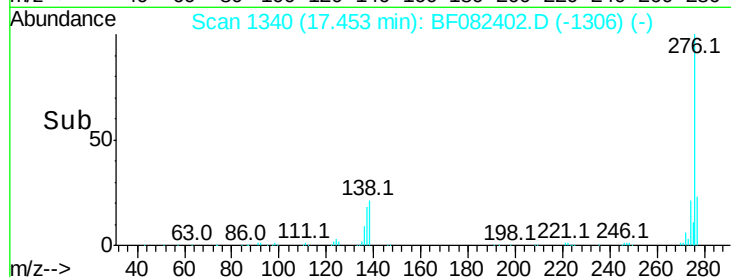
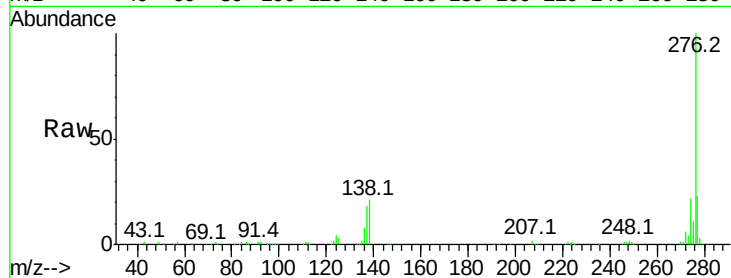
Tot Ion:276 Resp: 346973

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.3 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

