

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078823.D
 Acq On : 29 Apr 2015 19:55
 Operator : TP/IZ
 Sample : G2003-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

Quant Time: Apr 30 01:53:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	66203	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	274338	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	128606	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	249476	20.00	ng	0.00
75) Chrysene-d12	16.29	240	263979	20.00	ng	-0.01
86) Perylene-d12	18.05	264	262892	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	458818	127.29	ng	0.00
7) Phenol-d6	6.92	99	590336	122.63	ng	0.00
23) Nitrobenzene-d5	8.07	82	308646	81.00	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	157672	123.59	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	678176	72.21	ng	0.00
78) Terphenyl-d14	14.98	244	736387	66.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	56256	34.02	ng	# 17
3) Pyridine	3.14	79	160431	32.85	ng	94
4) n-Nitrosodimethylamine	3.05	42	78253m	35.66	ng	
6) Aniline	6.97	93	86553	12.31	ng	99
8) 2-Chlorophenol	7.11	128	163098	39.37	ng	94
9) Benzaldehyde	6.83	77	14123	4.07	ng	98
10) Phenol	6.94	94	220980	38.84	ng	89
11) bis(2-Chloroethyl)ether	7.07	93	159749	37.96	ng	87
12) 1,3-Dichlorobenzene	7.31	146	174694	36.31	ng	# 90
13) 1,4-Dichlorobenzene	7.40	146	178515	36.24	ng	97
14) 1,2-Dichlorobenzene	7.59	146	172978	37.59	ng	99
15) Benzyl Alcohol	7.55	79	139225	38.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.74	45	251200	38.18	ng	99
17) 2-Methylphenol	7.69	107	132996	39.66	ng	96
18) Hexachloroethane	8.01	117	61505	37.81	ng	92
19) n-Nitroso-di-n-propylamine	7.90	70	126244	37.58	ng	# 86
20) 3+4-Methylphenols	7.88	107	182520	41.77	ng	92
22) Acetophenone	7.88	105	242375	39.88	ng	# 92
24) Nitrobenzene	8.09	77	163929	40.17	ng	97
25) Isophorone	8.40	82	316011	36.68	ng	# 90
26) 2-Nitrophenol	8.49	139	57624	48.82	ng	# 89
27) 2,4-Dimethylphenol	8.55	122	142153	37.20	ng	94
28) bis(2-Chloroethoxy)methane	8.67	93	207230	38.96	ng	99
29) 2,4-Dichlorophenol	8.78	162	130897	40.08	ng	95
30) 1,2,4-Trichlorobenzene	8.89	180	141172	37.64	ng	96
31) Naphthalene	8.98	128	474662	36.45	ng	99
32) Benzoic acid	8.59	122	12236	10.55	ng	# 87
33) 4-Chloroaniline	9.05	127	69223	12.63	ng	94
34) Hexachlorobutadiene	9.14	225	74766	35.33	ng	98
35) Caprolactam	9.47	113	40759	39.19	ng	# 84
36) 4-Chloro-3-methylphenol	9.66	107	140311	40.91	ng	85
37) 2-Methylnaphthalene	9.85	142	336621	38.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	132462	36.35	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	127044	82.94	ng	94

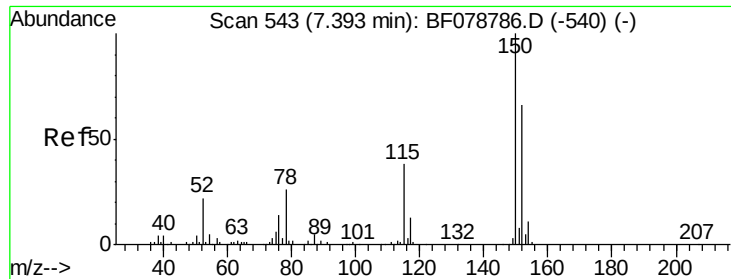
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078823.D
 Acq On : 29 Apr 2015 19:55
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	89647	40.38	nq	96
43) 2,4,5-Trichlorophenol	10.24	196	90464	38.28	nq #	87
45) 1,1'-Biphenyl	10.43	154	388325	37.62	nq	96
46) 2-Chloronaphthalene	10.44	162	295129	36.59	nq	97
47) 2-Nitroaniline	10.57	65	78669	44.65	nq	87
48) Acenaphthylene	10.96	152	479827	36.35	nq	100
49) Dimethylphthalate	10.81	163	385075	42.12	nq	99
50) 2,6-Dinitrotoluene	10.88	165	62209	41.77	nq #	83
51) Acenaphthene	11.18	154	286882	37.01	nq	99
52) 3-Nitroaniline	11.08	138	49640	25.69	nq	88
53) 2,4-Dinitrophenol	11.21	184	12973	57.27	nq #	72
54) Dibenzofuran	11.39	168	434218	38.18	nq	98
55) 4-Nitrophenol	11.28	139	121284	78.36	nq #	72
56) 2,4-Dinitrotoluene	11.38	165	84440	47.36	nq #	68
57) Fluorene	11.82	166	345554	38.02	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	76847	43.42	nq #	100
59) Diethylphthalate	11.69	149	349795	38.45	nq	96
60) 4-Chlorophenyl-phenylether	11.83	204	151909	37.56	nq	93
61) 4-Nitroaniline	11.84	138	75672	39.39	nq	97
62) Azobenzene	12.02	77	408173	44.00	nq	97
64) 4,6-Dinitro-2-methylphenol	11.87	198	19102	46.97	nq #	73
65) n-Nitrosodiphenylamine	11.98	169	302558	37.51	nq	99
66) 4-Bromophenyl-phenylether	12.43	248	91624	36.38	nq #	88
67) Hexachlorobenzene	12.49	284	104624	36.68	nq #	89
68) Atrazine	12.64	200	90391	41.84	nq	98
69) Pentachlorophenol	12.74	266	108519	75.20	nq	96
70) Phenanthrene	13.02	178	512384	37.93	nq	100
71) Anthracene	13.07	178	499458	37.82	nq	100
72) Carbazole	13.28	167	504162	40.43	nq	99
73) Di-n-butylphthalate	13.74	149	545026	37.73	nq #	97
74) Fluoranthene	14.49	202	535822	39.78	nq	98
76) Benzidine	14.67	184	163065	19.08	nq	99
77) Pyrene	14.78	202	565758	36.68	nq	99
79) Butylbenzylphthalate	15.60	149	227598	38.48	nq	96
80) Benzo(a)anthracene	16.27	228	523273	36.95	nq	100
81) 3,3'-Dichlorobenzidine	16.25	252	114252	23.70	nq #	98
82) Chrysene	16.32	228	513076	37.16	nq	99
83) Bis(2-ethylhexyl)phthalate	16.33	149	352685	37.15	nq	98
84) Di-n-octyl phthalate	17.13	149	561725	38.13	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.57	276	605563	38.66	nq #	100
87) Benzo(b)fluoranthene	17.59	252	614782	43.20	nq	98
88) Benzo(k)fluoranthene	17.62	252	440194m	31.92	nq	
89) Benzo(a)pyrene	17.98	252	489666	38.46	nq #	96
90) Dibenzo(a,h)anthracene	19.60	278	477858	36.24	nq	98
91) Benzo(g,h,i)perylene	20.02	276	498136	37.64	nq	99

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

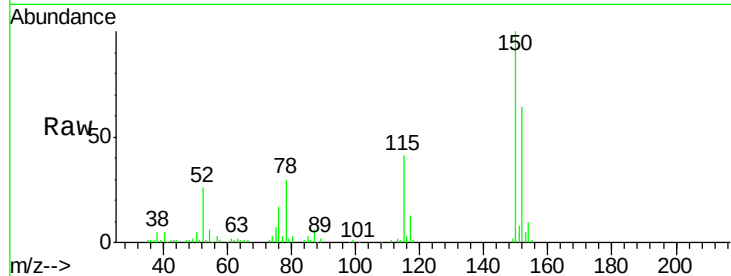


#1

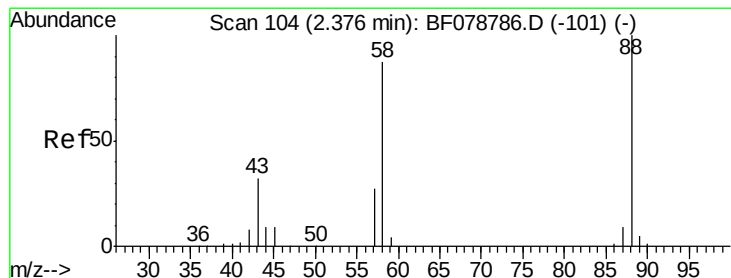
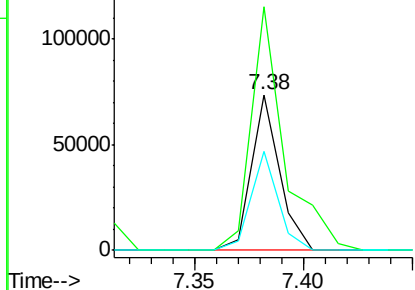
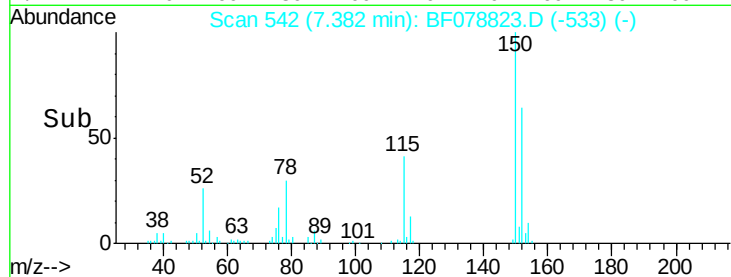
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MS

Tot Ion:152 Resp: 66203
Ion Ratio Lower Upper
152 100
150 156.2 122.0 183.0
115 63.8 46.3 69.5



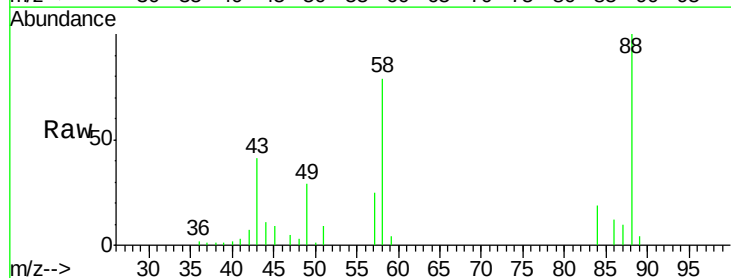
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



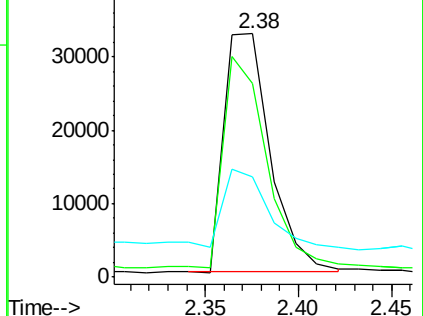
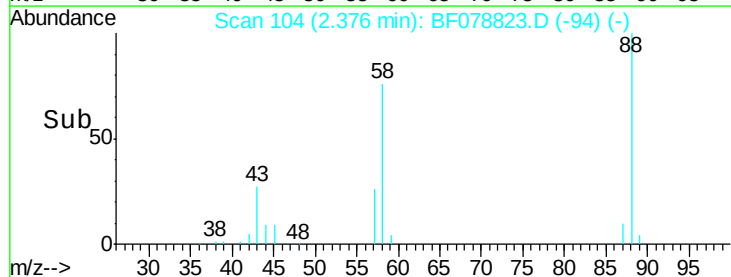
#2

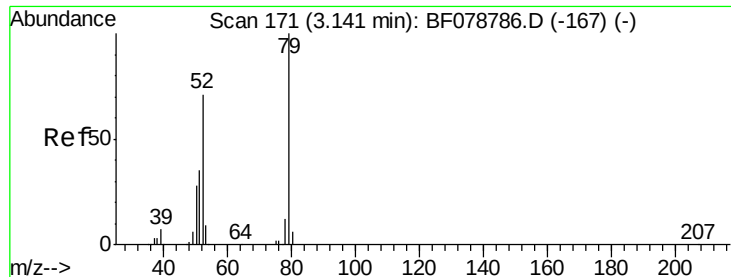
1,4-Dioxane
Concen: 34.02 ng
RT: 2.38 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Tgt Ion: 88 Resp: 56256
Ion Ratio Lower Upper
88 100
58 81.3 0.0 0.0#
43 31.4 3.3 4.9#



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: 32.85 ng

RT: 3.14 min Scan# 171

Delta R.T. 0.02 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

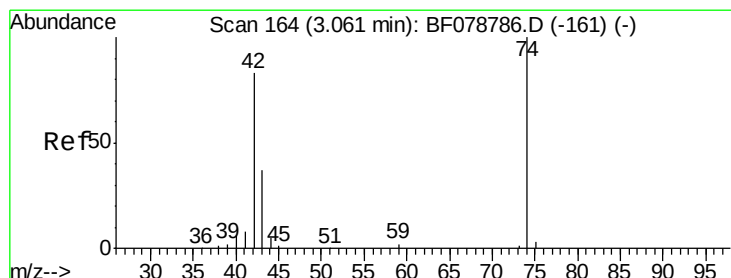
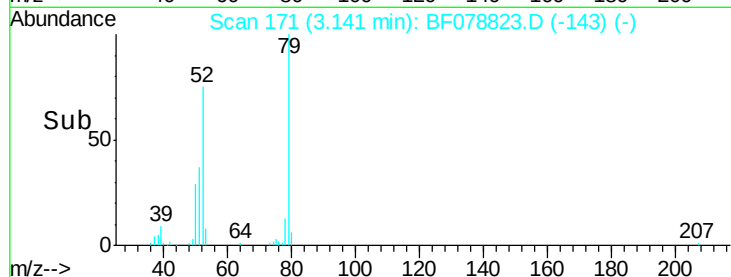
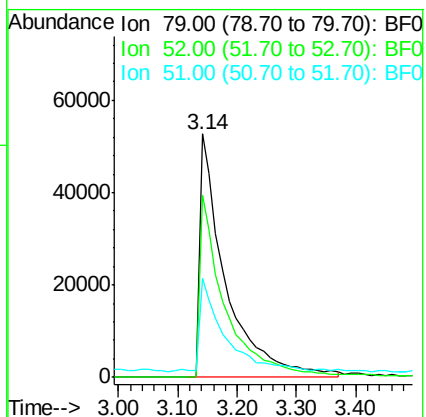
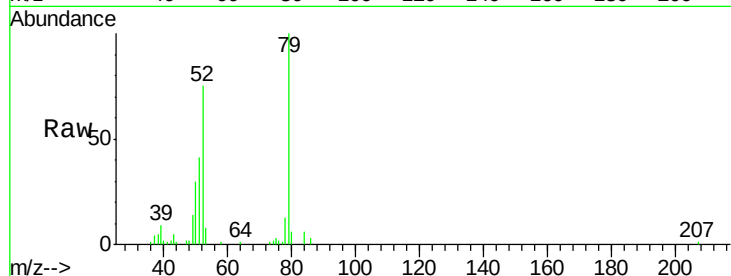
Tot Ion: 79 Resp: 160431

Ion Ratio Lower Upper

79 100

52 75.1 57.2 85.8

51 40.7 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 35.66 ng m

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

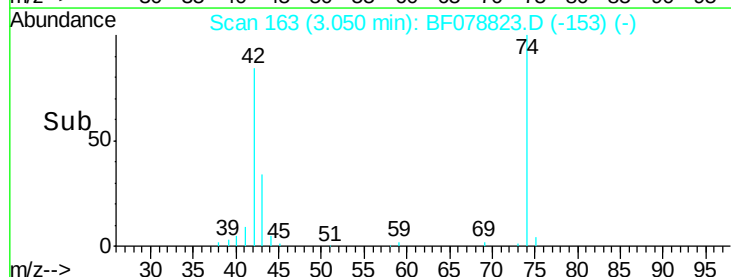
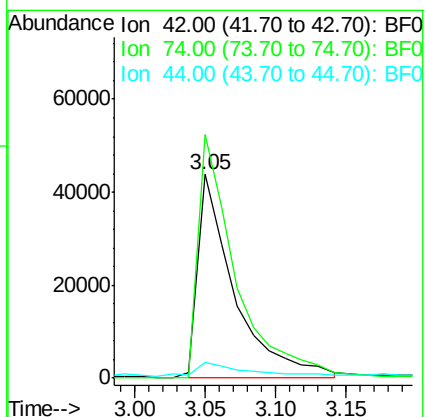
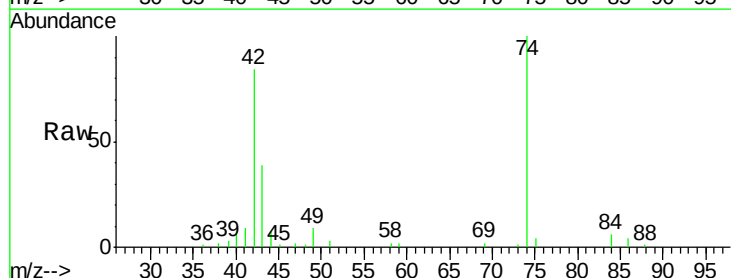
Tgt Ion: 42 Resp: 78253

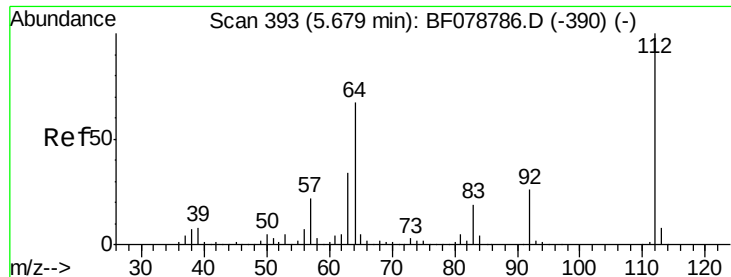
Ion Ratio Lower Upper

42 100

74 119.5 96.5 144.7

44 8.0 6.1 9.1





#5

2-Fluorophenol

Concen: 127.29 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

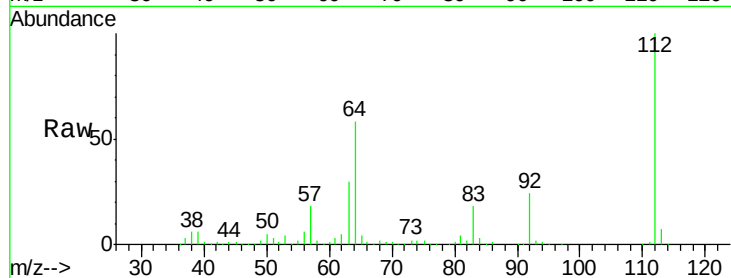
Tot Ion:112 Resp: 458818

Ion Ratio Lower Upper

112 100

64 58.2 53.5 80.3

63 29.8 27.5 41.3



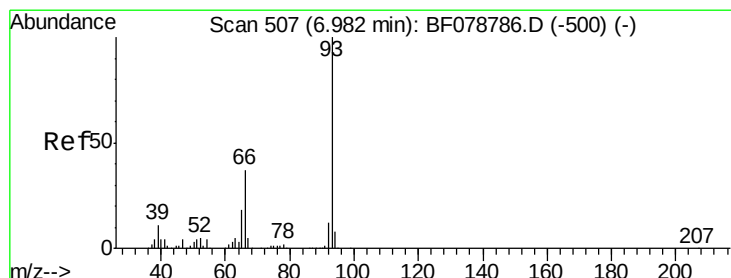
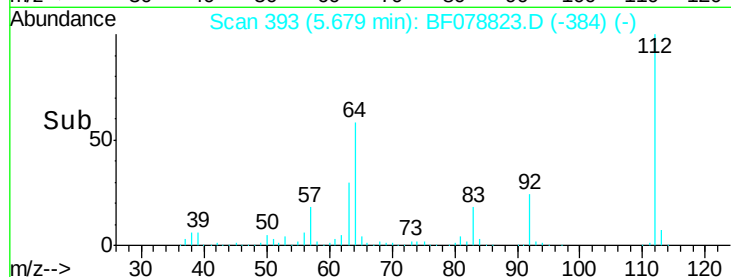
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.68

Time-->



#6

Aniline

Concen: 12.31 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

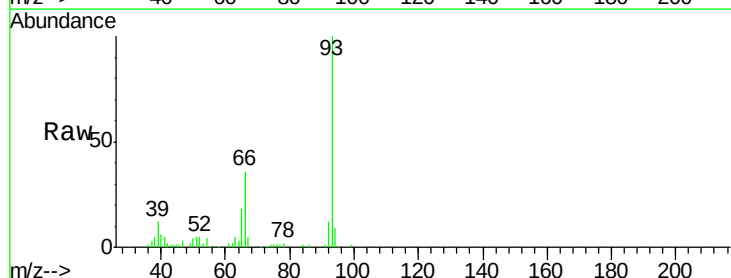
Tgt Ion: 93 Resp: 86553

Ion Ratio Lower Upper

93 100

66 36.2 29.7 44.5

65 17.8 14.6 22.0



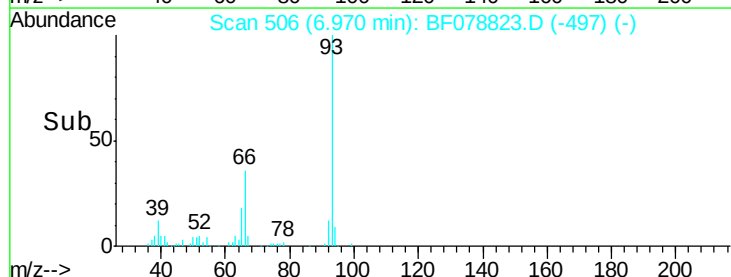
Abundance Ion 93.00 (92.70 to 93.70): BF0

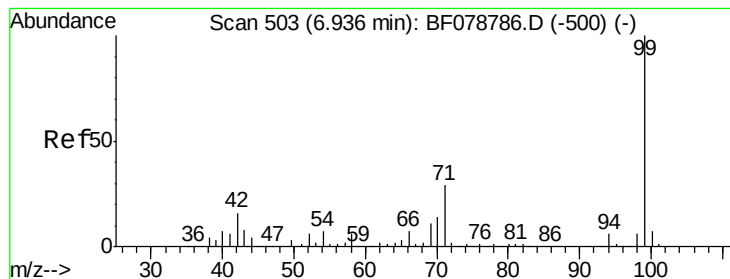
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.97

Time-->





#7

Phenol-d6

Concen: 122.63 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

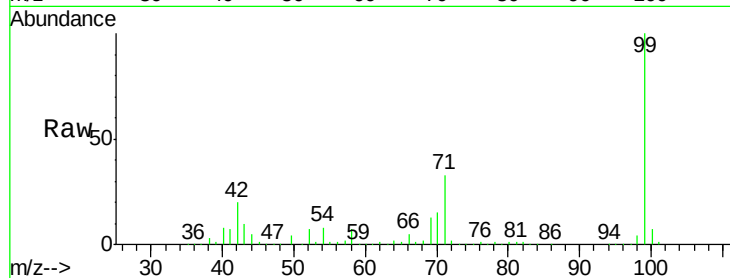
Tot Ion: 99 Resp: 590336

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

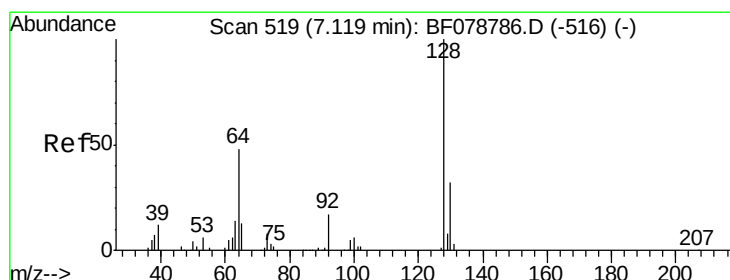
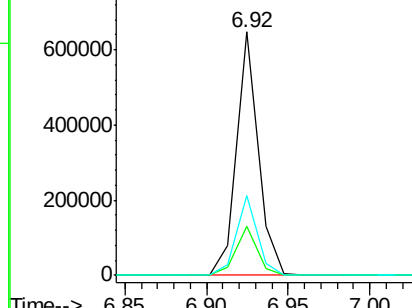
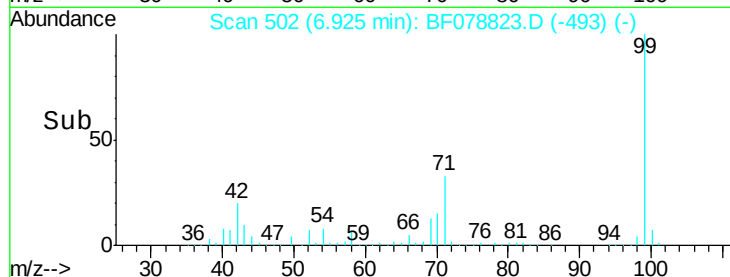
71 32.8 23.4 35.2



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: 39.37 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

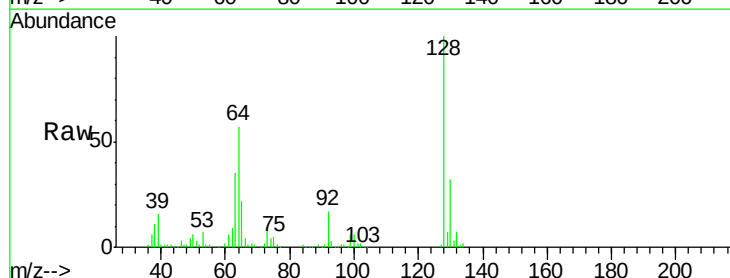
Tgt Ion:128 Resp: 163098

Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

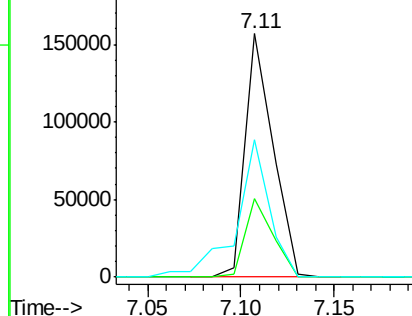
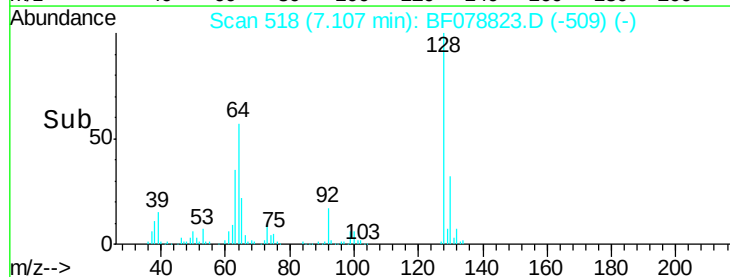
64 56.6 29.6 69.6

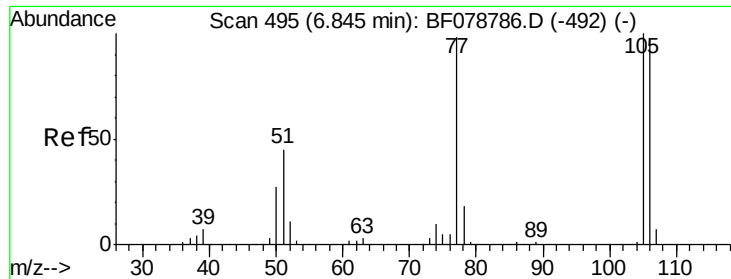


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.07 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

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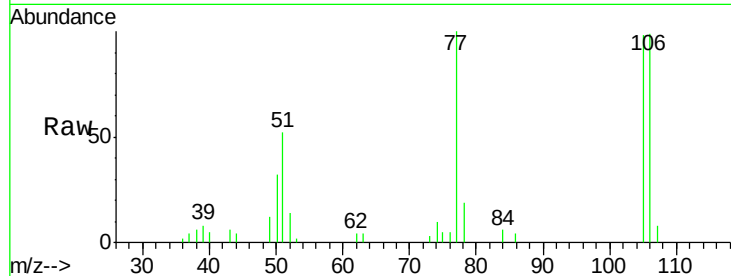
Tot Ion: 77 Resp: 14123

Ion Ratio Lower Upper

77 100

105 98.3 81.7 121.7

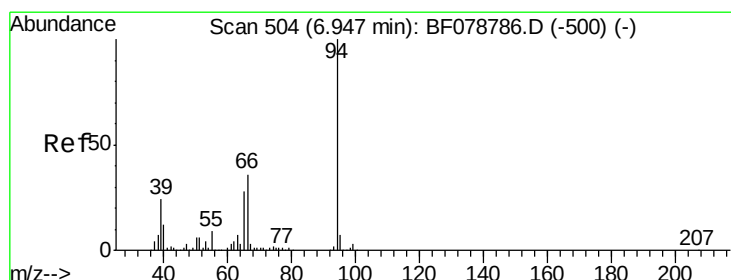
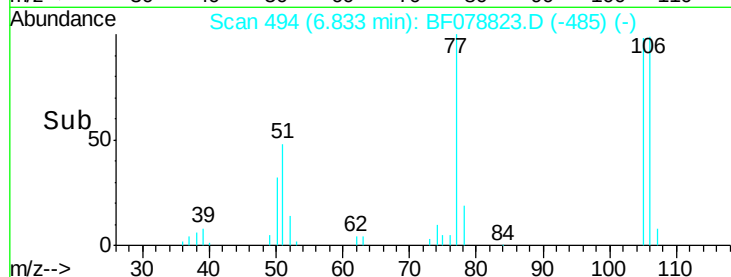
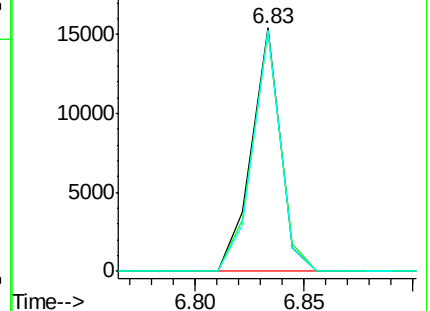
106 99.0 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.84 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

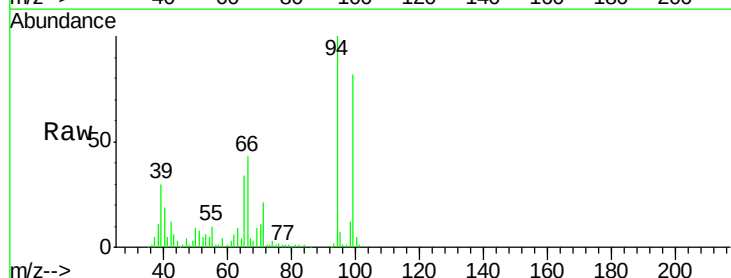
Tgt Ion: 94 Resp: 220980

Ion Ratio Lower Upper

94 100

65 33.6 8.5 48.5

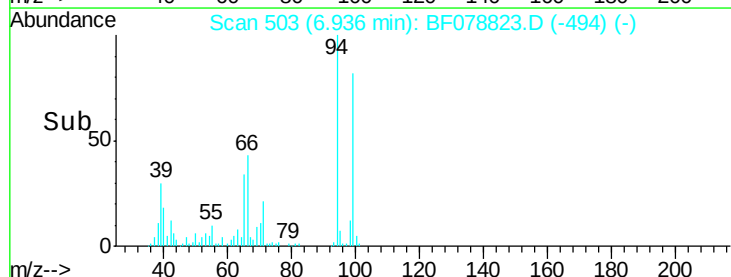
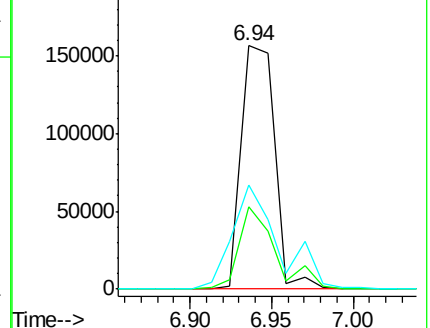
66 42.9 16.0 56.0

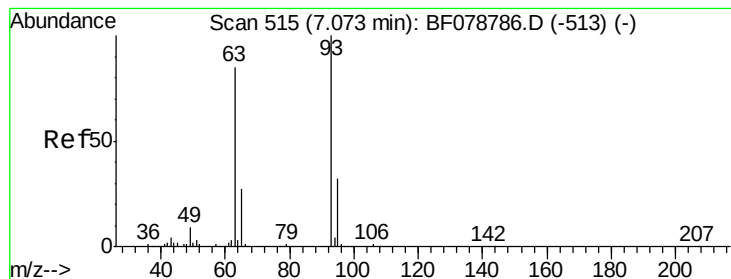


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.96 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

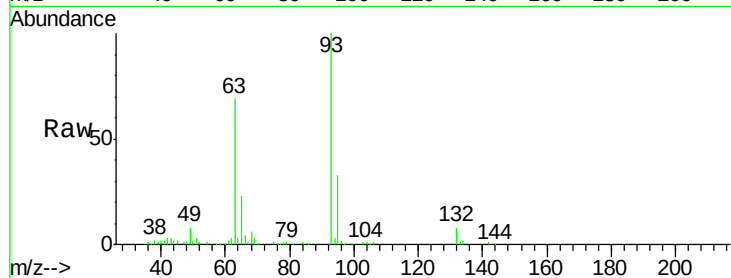
Tot Ion: 93 Resp: 159749

Ion Ratio Lower Upper

93 100

63 69.1 64.8 104.8

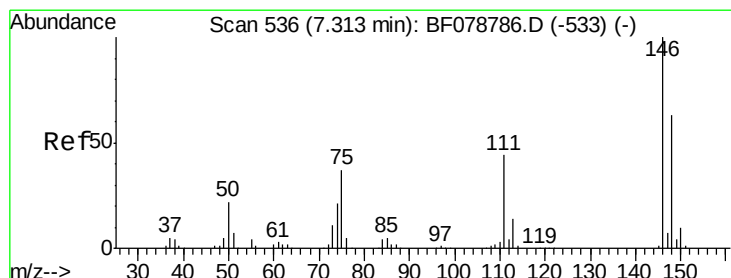
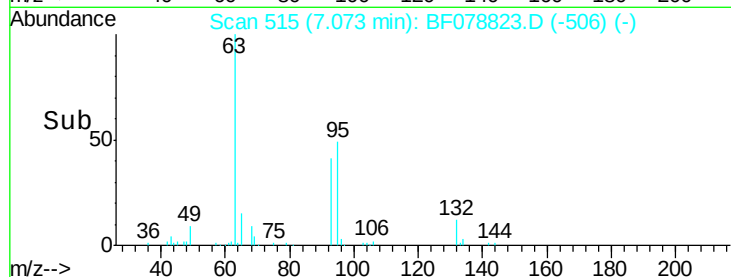
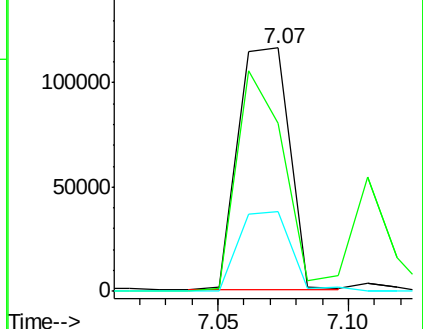
95 32.8 12.4 52.4



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: 36.31 ng

RT: 7.31 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

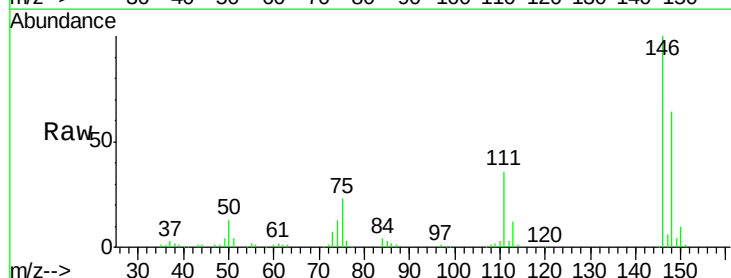
Tgt Ion: 146 Resp: 174694

Ion Ratio Lower Upper

146 100

148 64.1 50.2 75.2

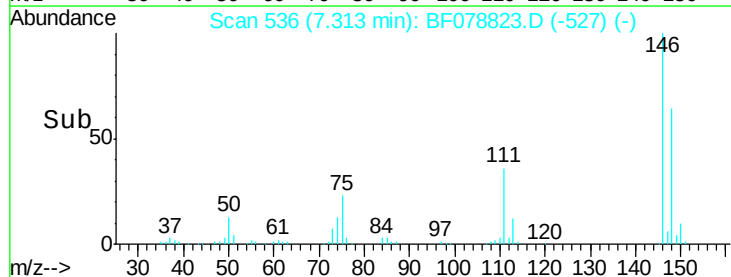
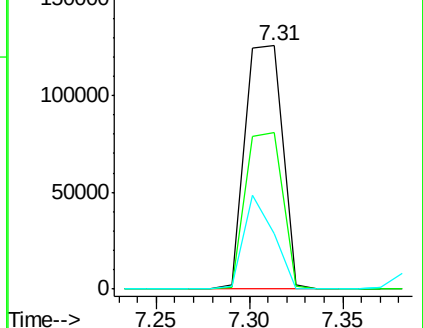
75 22.8 29.2 43.8#

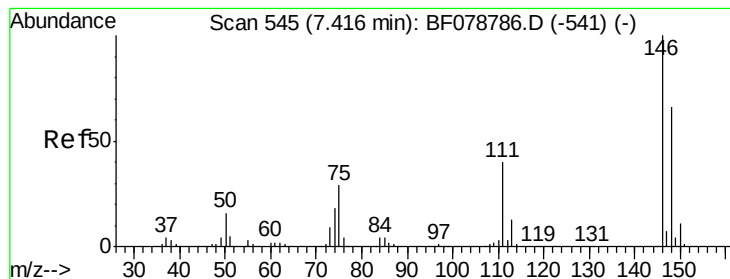


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 36.24 ng

RT: 7.40 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

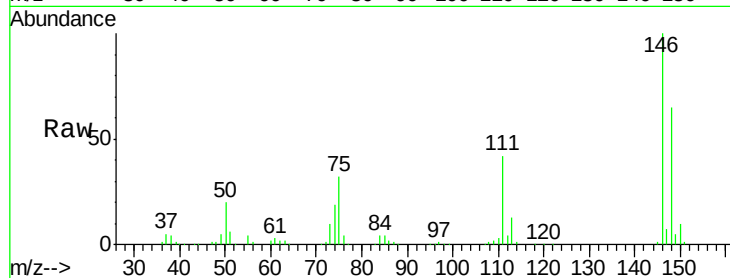
Tot Ion:146 Resp: 178515

Ion Ratio Lower Upper

146 100

148 64.5 52.8 79.2

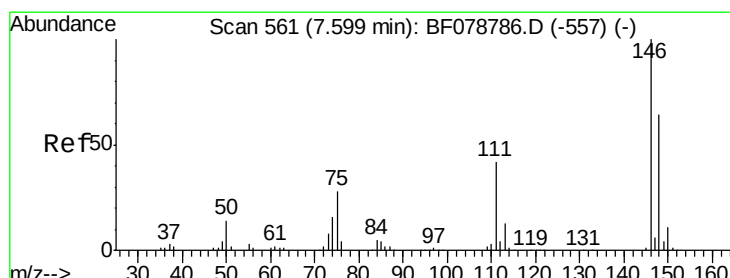
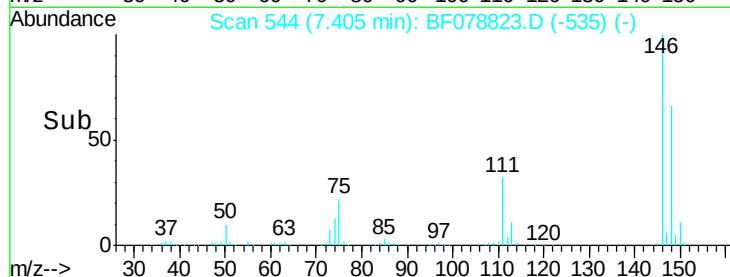
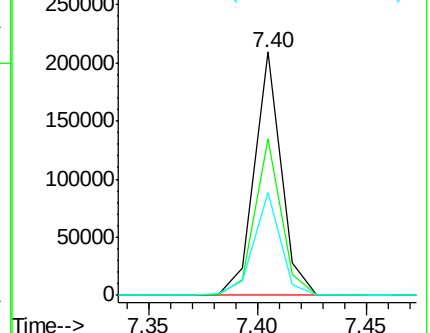
111 42.2 31.7 47.5



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: 37.59 ng

RT: 7.59 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

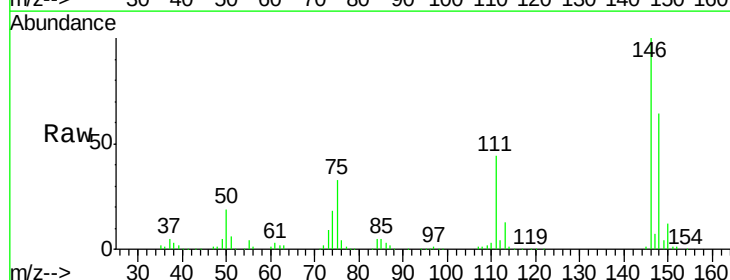
Tgt Ion:146 Resp: 172978

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

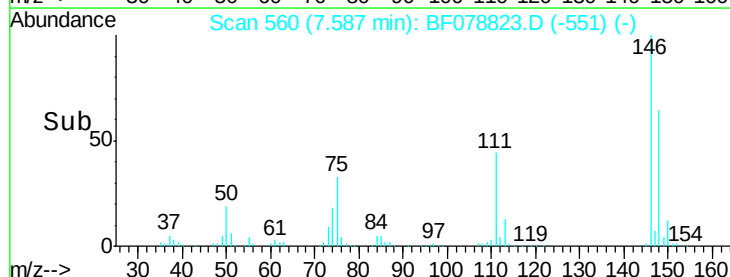
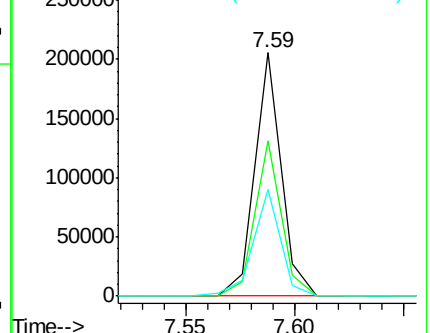
111 43.7 33.3 49.9

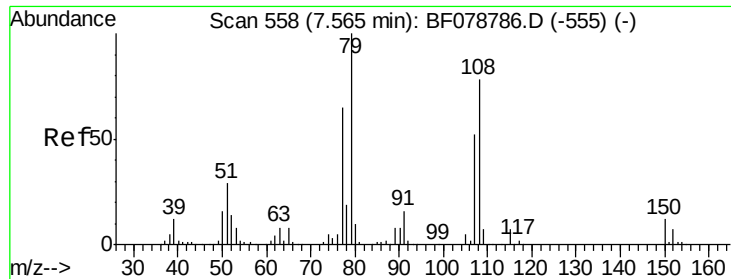


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.81 ng

RT: 7.55 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

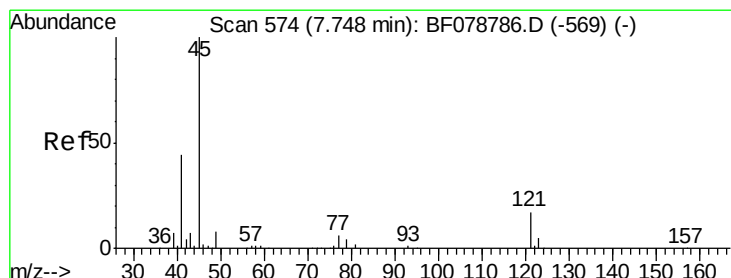
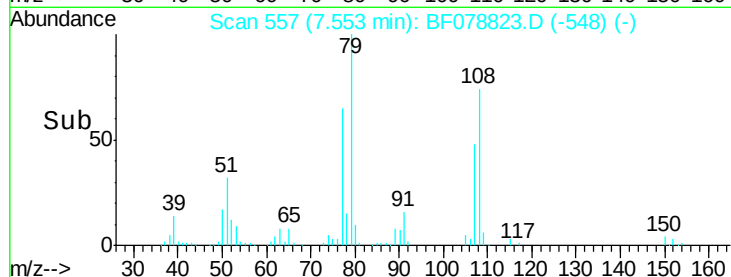
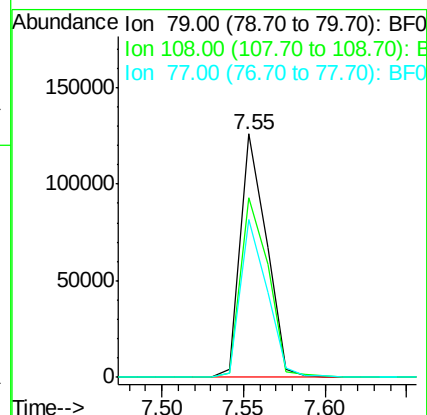
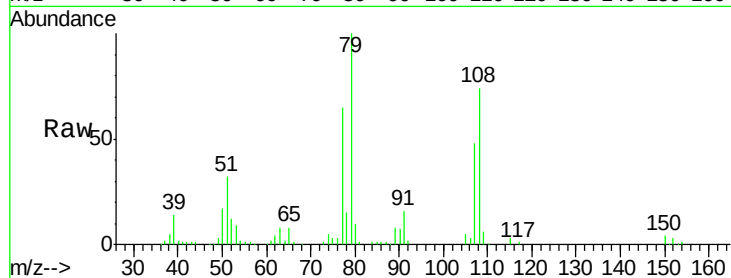
Tot Ion: 79 Resp: 139225

Ion Ratio Lower Upper

79 100

108 73.6 62.5 93.7

77 65.0 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.18 ng

RT: 7.74 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

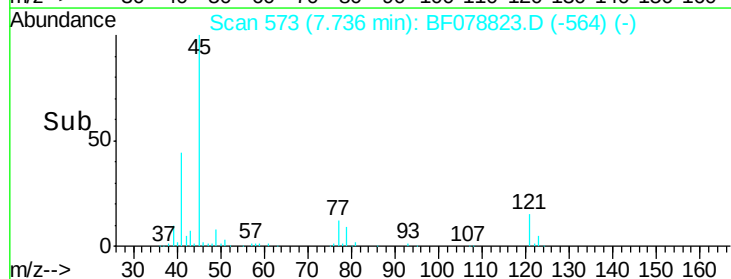
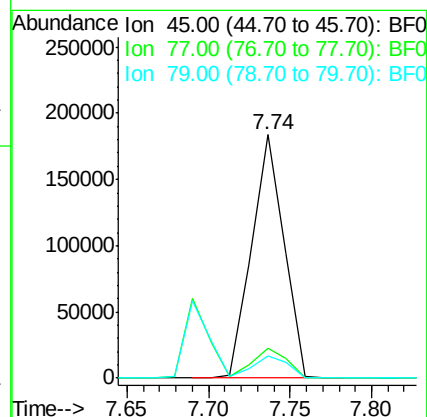
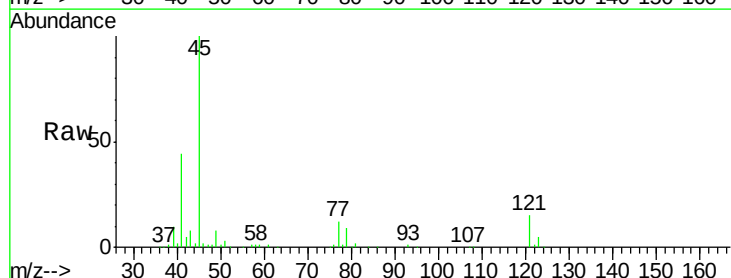
Tgt Ion: 45 Resp: 251200

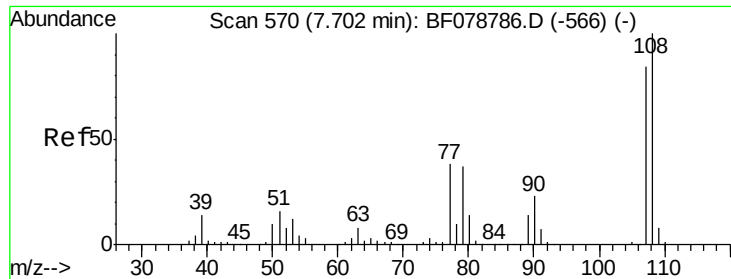
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.3

79 9.1 0.0 30.1

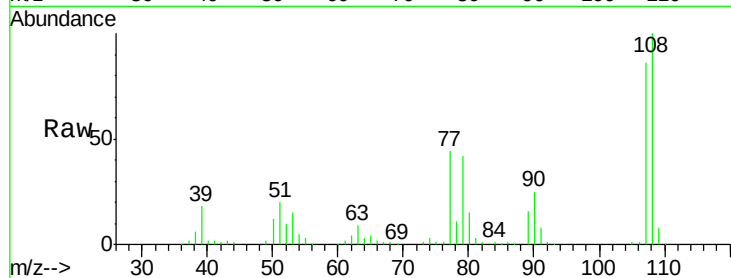




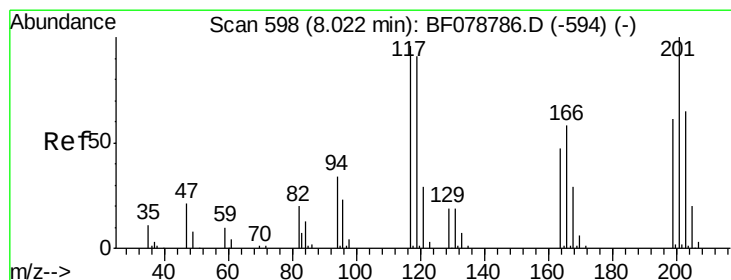
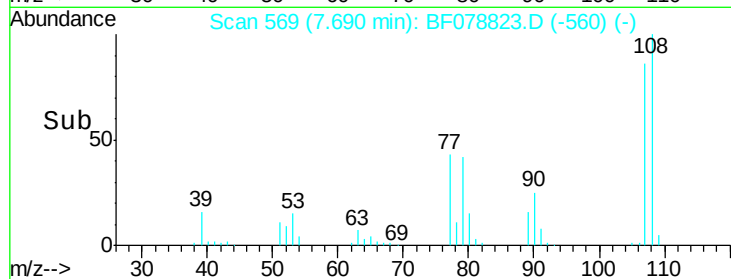
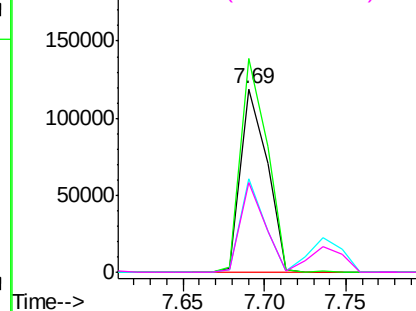
#17
2-Methylphenol
Concen: 39.66 ng
RT: 7.69 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MS

Tot Ion:	107	Resp:	132996
Ion	Ratio	Lower	Upper
107	100		
108	116.5	94.9	142.3
77	50.8	36.2	54.4
79	48.7	35.2	52.8

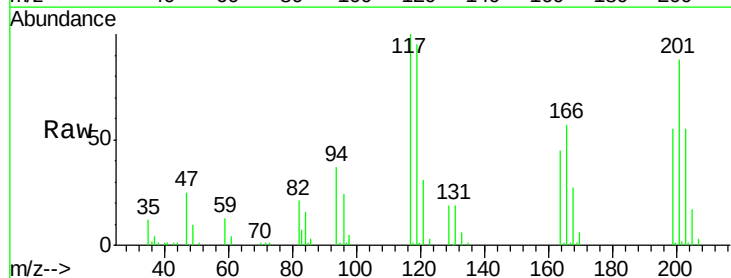


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

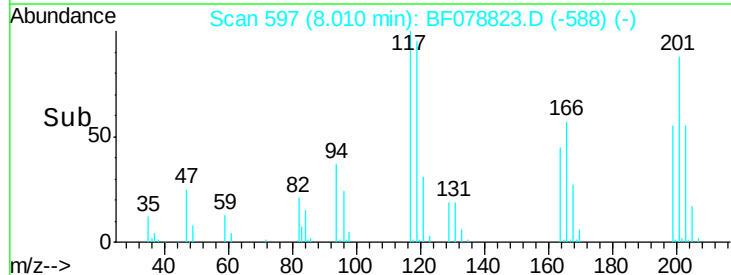
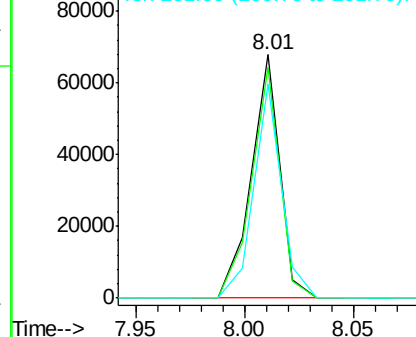


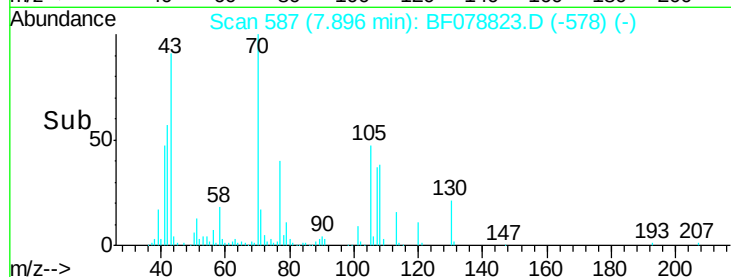
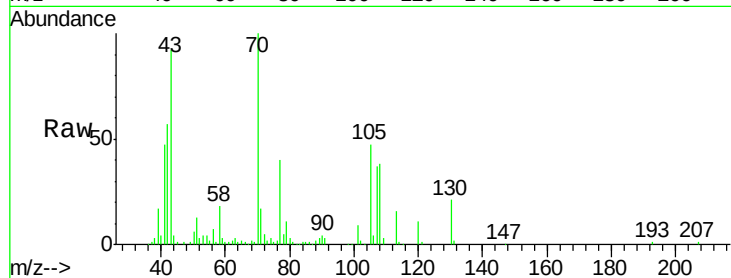
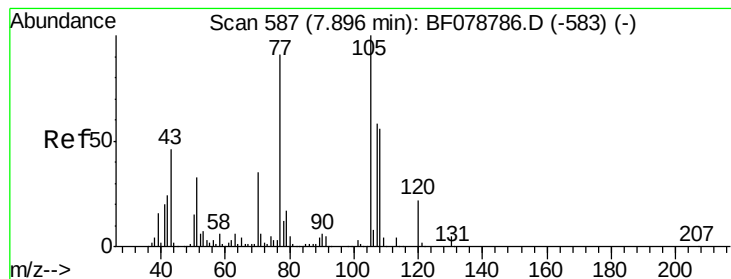
#18
Hexachloroethane
Concen: 37.81 ng
RT: 8.01 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Tgt Ion:	117	Resp:	61505
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.0
201	88.1	83.2	124.8



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: 37.58 ng

RT: 7.90 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

Tot Ion: 70 Resp: 126244

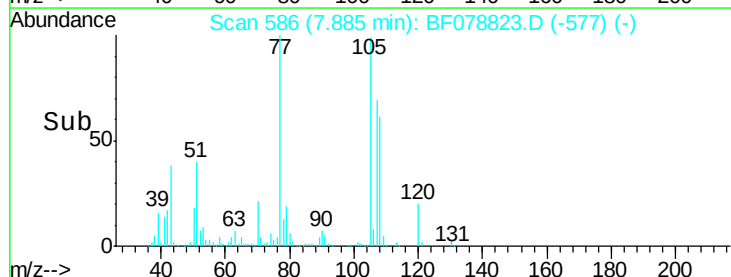
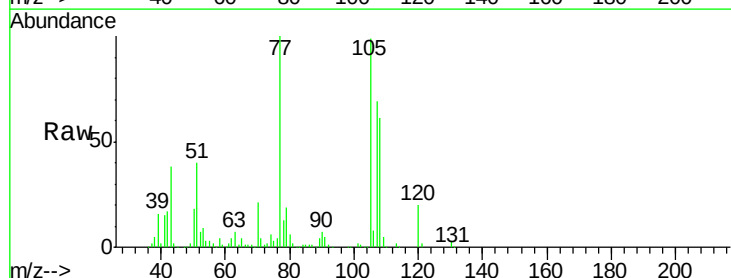
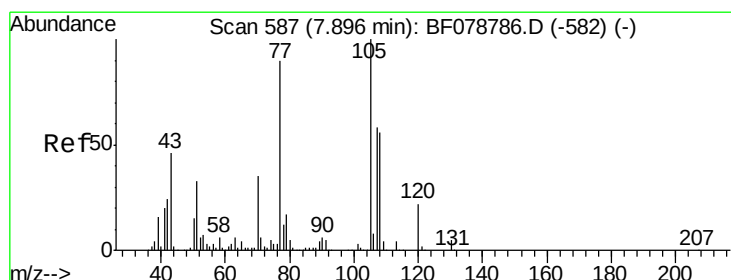
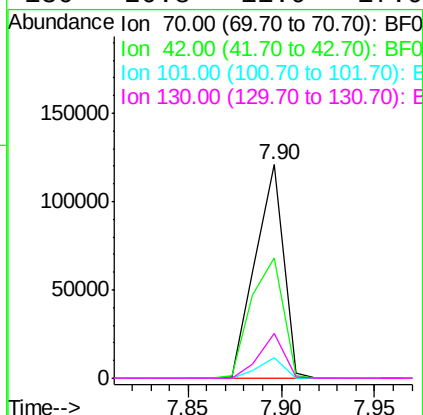
Ion Ratio Lower Upper

70 100

42 56.6 55.4 83.0

101 9.4 6.6 10.0

130 20.8 11.9 17.9#



#20

3+4-Methylphenols

Concen: 41.77 ng

RT: 7.88 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Tgt Ion:107 Resp: 182520

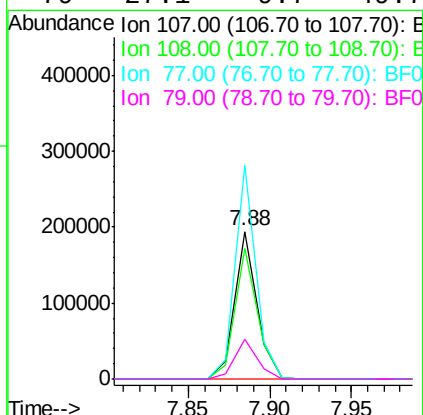
Ion Ratio Lower Upper

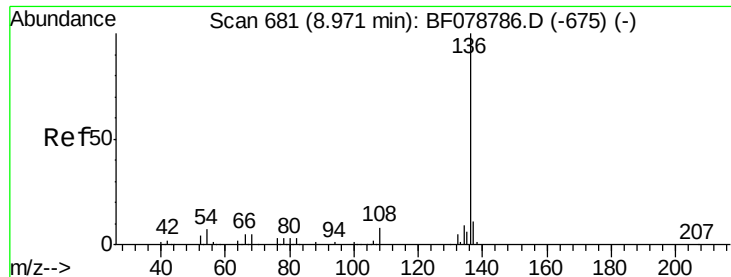
107 100

108 88.3 76.9 116.9

77 145.1 136.8 176.8

79 27.1 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

Tot Ion:136 Resp: 274338

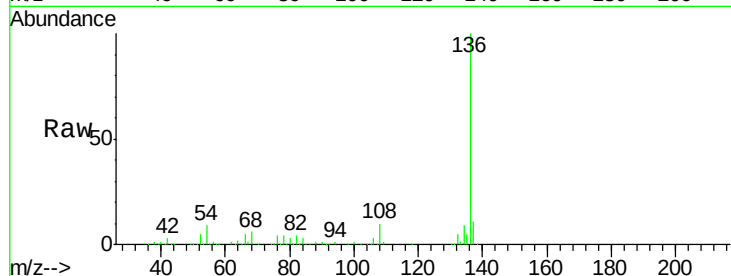
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.7 5.8 8.8

68 6.2 4.2 6.4

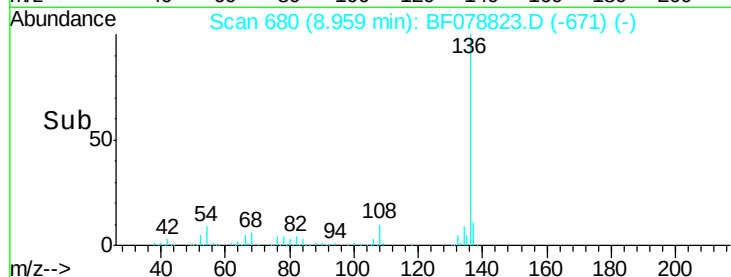


Abundance Ion 136.00 (135.70 to 136.70): E

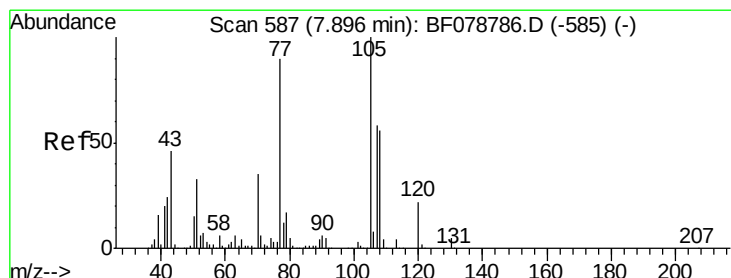
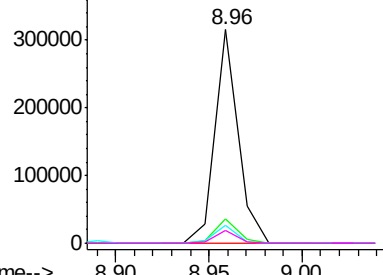
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.88 ng

RT: 7.88 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Tgt Ion:105 Resp: 242375

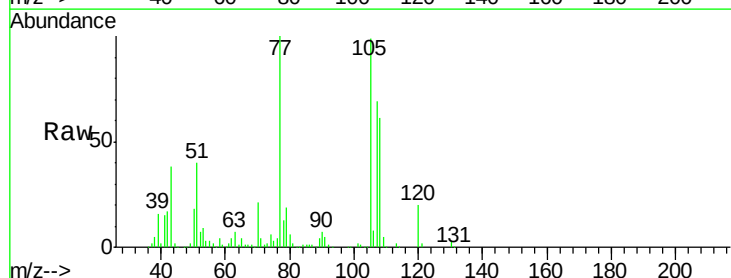
Ion Ratio Lower Upper

105 100

71 3.8 4.6 6.8#

51 40.5 26.7 40.1#

120 20.8 17.4 26.0

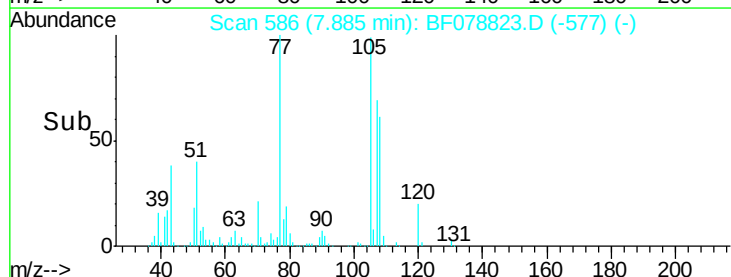


Abundance Ion 105.00 (104.70 to 105.70): E

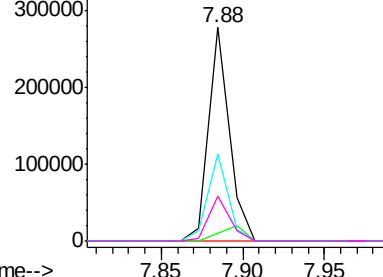
Ion 71.00 (70.70 to 71.70): BF0

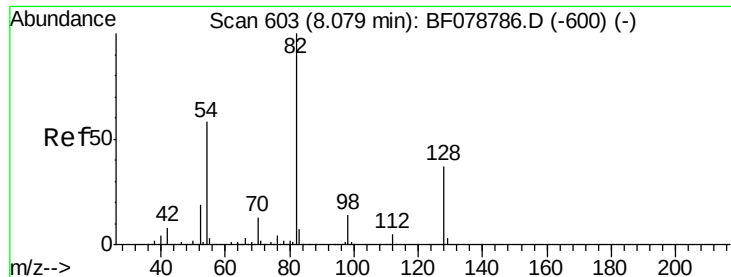
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

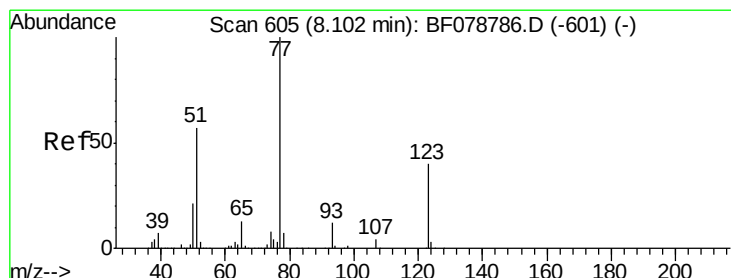
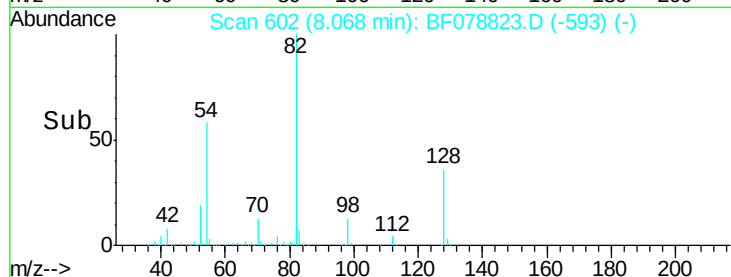
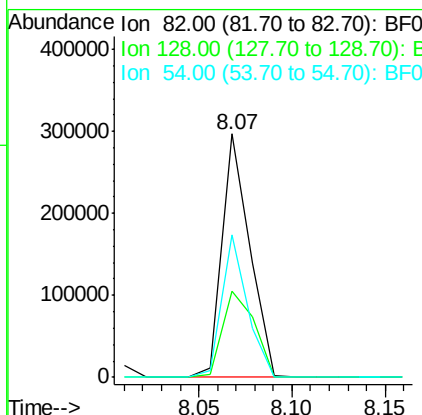
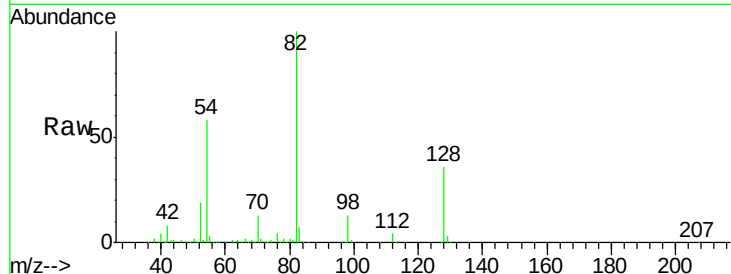




#23
 Nitrobenzene-d5
 Concen: 81.00 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

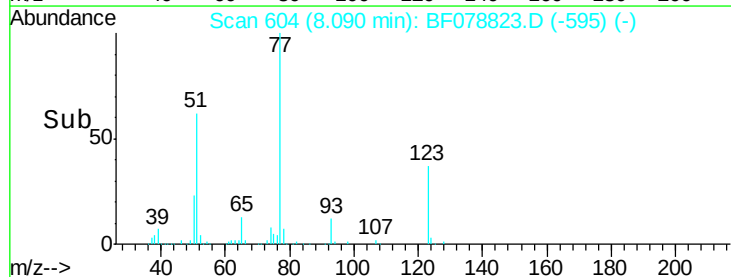
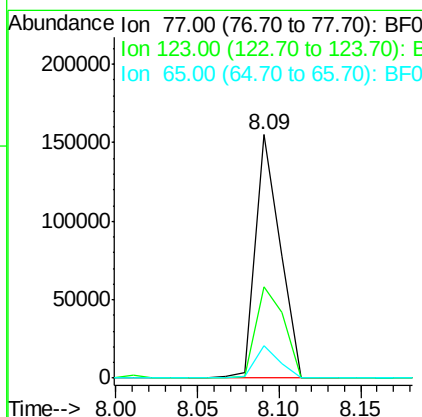
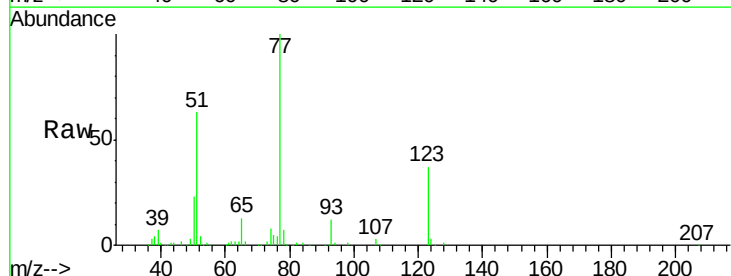
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

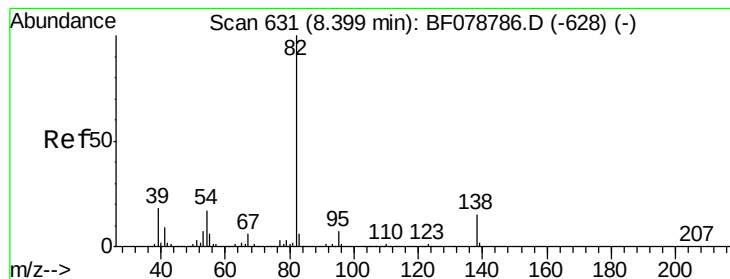
Tot Ion	82	Resp	308646
Ion Ratio	Lower	Upper	
82	100		
128	35.6	30.0	45.0
54	58.5	46.4	69.6



#24
 Nitrobenzene
 Concen: 40.17 ng
 RT: 8.09 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion	77	Resp	163929
Ion Ratio	Lower	Upper	
77	100		
123	37.4	31.8	47.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 36.68 ng

RT: 8.40 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

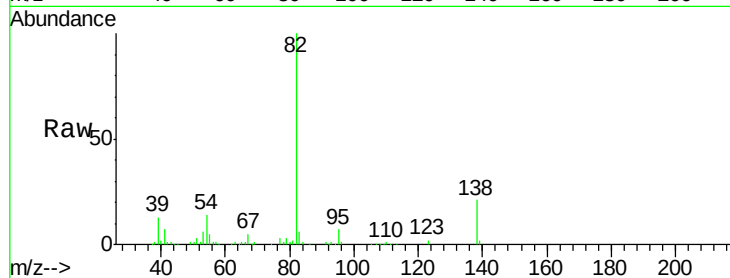
Tot Ion: 82 Resp: 316011

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 20.6 12.0 18.0#

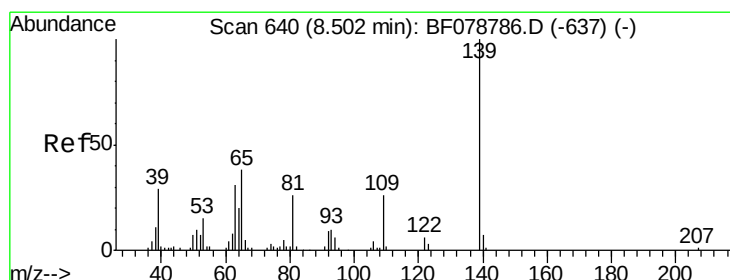
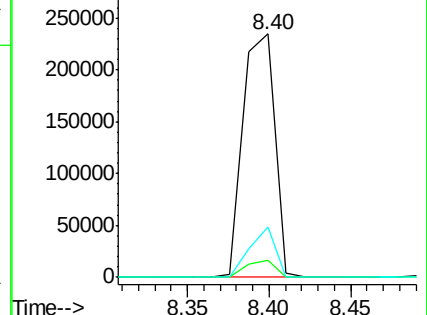
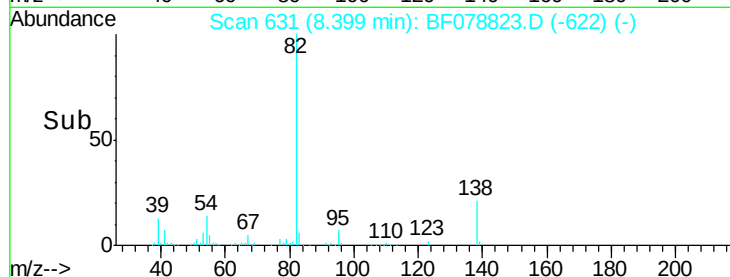


Abundance Ion 82.00 (81.70 to 82.70): BF078786.D (-628) (-)

Ion 95.00 (94.70 to 95.70): BF078786.D (-628) (-)

Ion 138.00 (137.70 to 138.70): BF078786.D (-628) (-)

Time-->



#26

2-Nitrophenol

Concen: 48.82 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

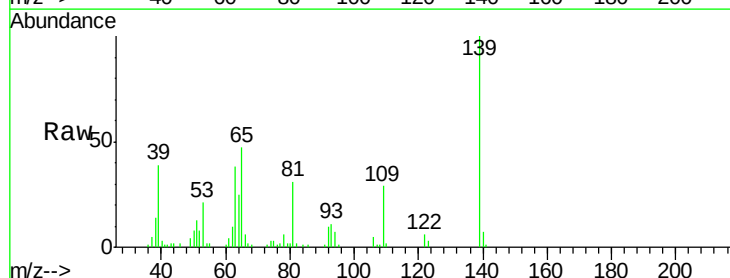
Tgt Ion: 139 Resp: 57624

Ion Ratio Lower Upper

139 100

109 28.8 21.0 31.4

65 47.0 30.5 45.7#

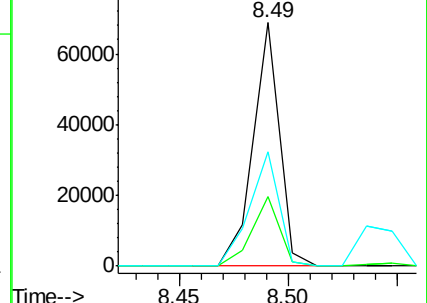
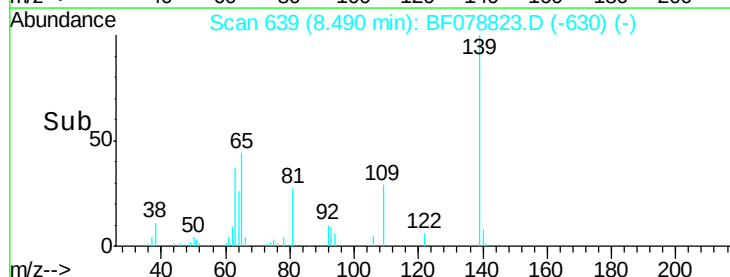


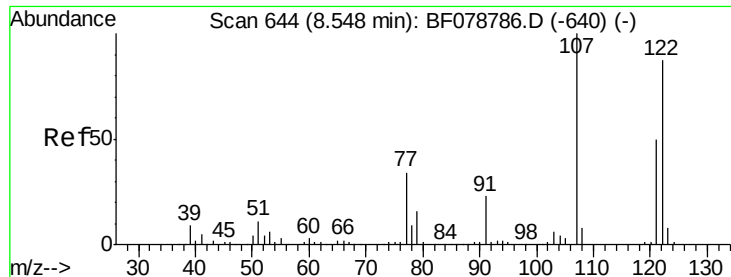
Abundance Ion 139.00 (138.70 to 139.70): BF078786.D (-637) (-)

Ion 109.00 (108.70 to 109.70): BF078786.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BF078786.D (-637) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 37.20 ng

RT: 8.55 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

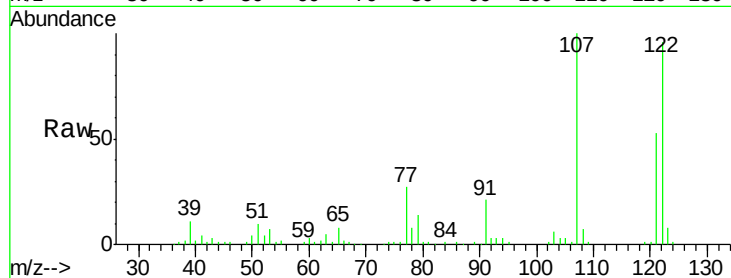
Tot Ion:122 Resp: 142153

Ion Ratio Lower Upper

122 100

107 103.9 90.6 135.8

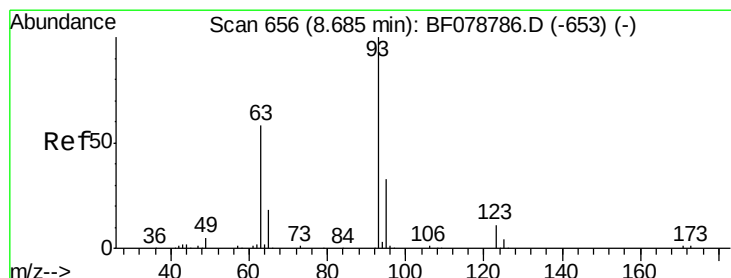
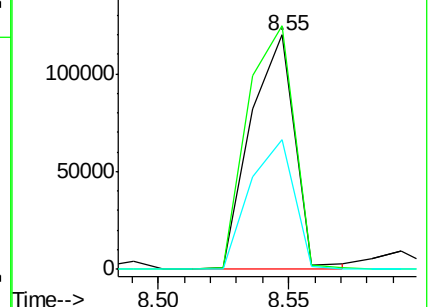
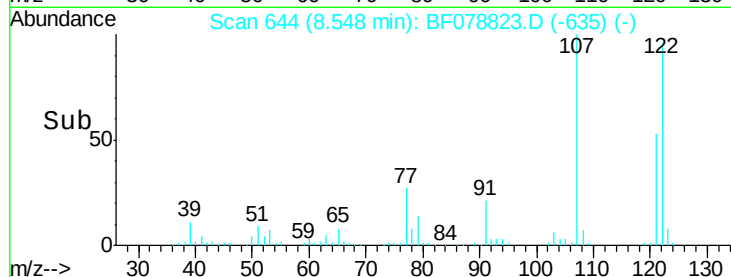
121 55.5 45.4 68.2



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: 38.96 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

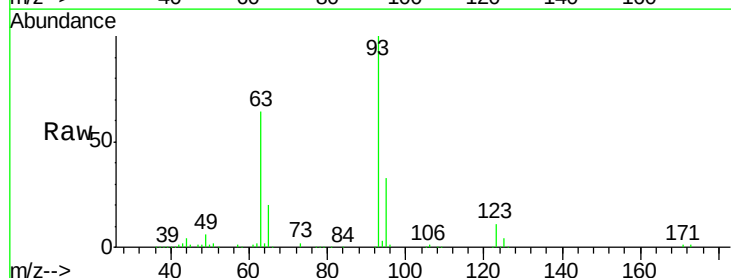
Tgt Ion: 93 Resp: 207230

Ion Ratio Lower Upper

93 100

95 32.6 26.7 40.1

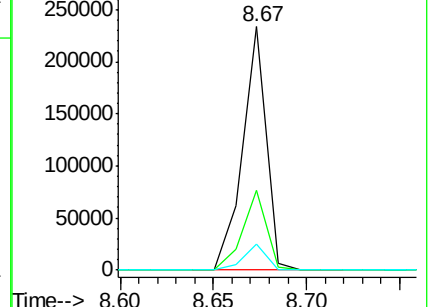
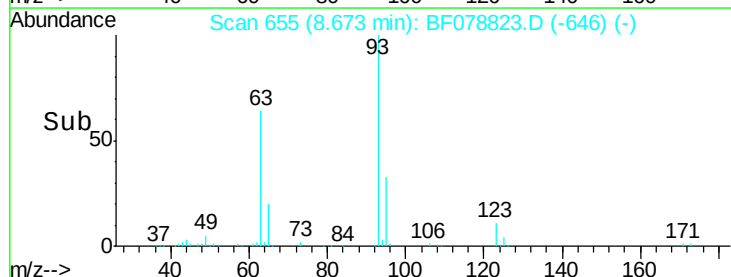
123 10.9 9.1 13.7

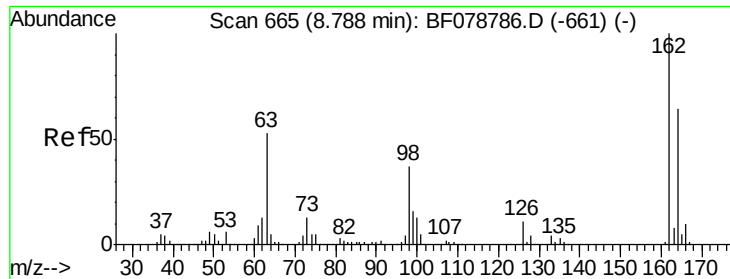


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

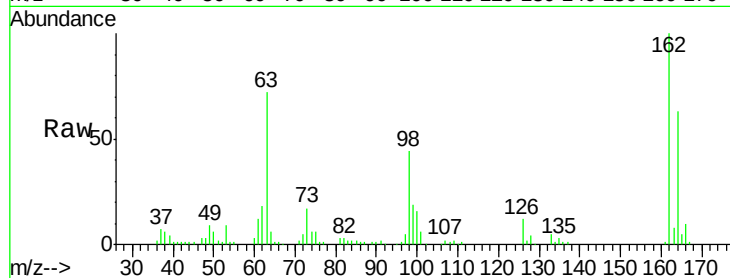




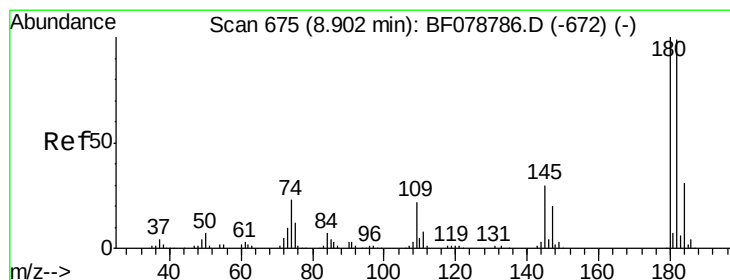
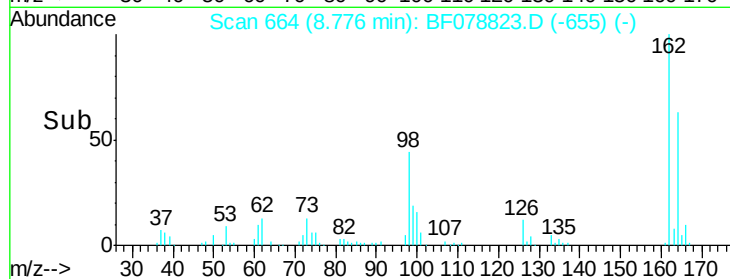
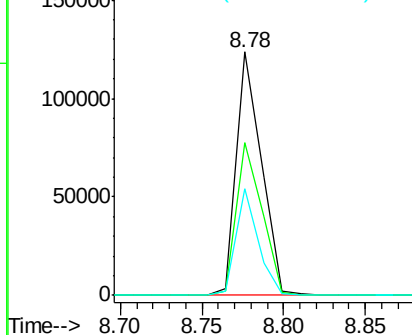
#29
 2,4-Dichlorophenol
 Concen: 40.08 ng
 RT: 8.78 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.6	83.6
98	43.6	16.5	56.5

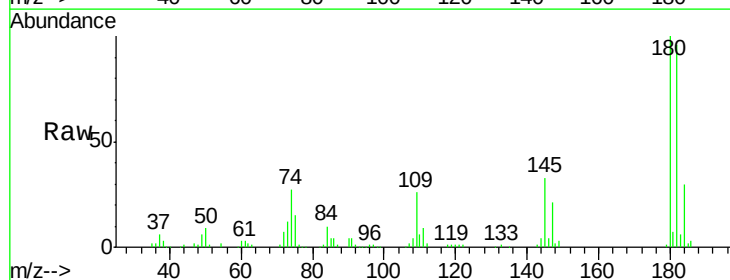


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

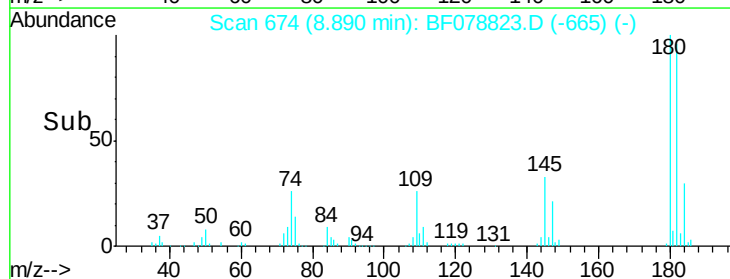
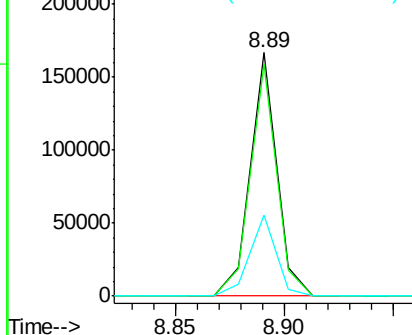


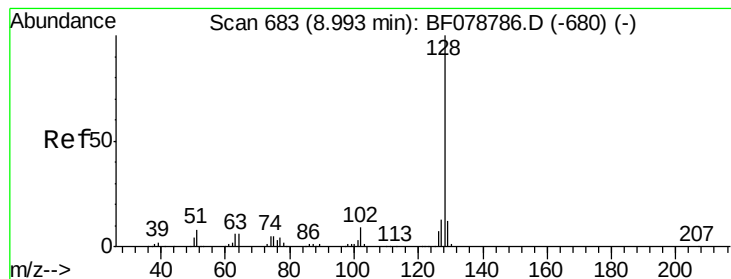
#30
 1,2,4-Trichlorobenzene
 Concen: 37.64 ng
 RT: 8.89 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.9	118.3
145	33.3	24.2	36.4



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





#31

Naphthalene

Concen: 36.45 ng

RT: 8.98 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

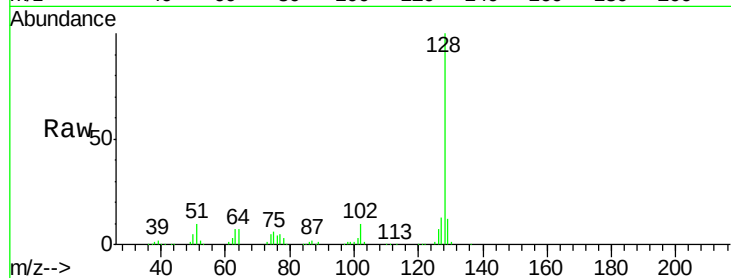
Tot Ion:128 Resp: 474662

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

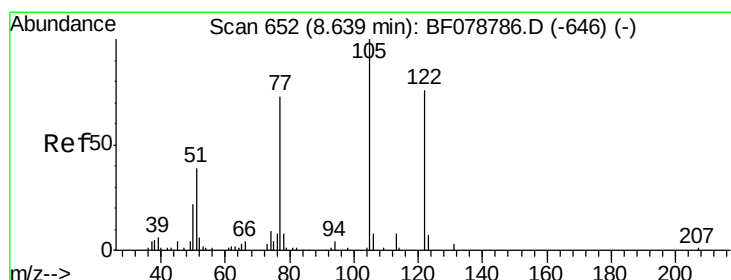
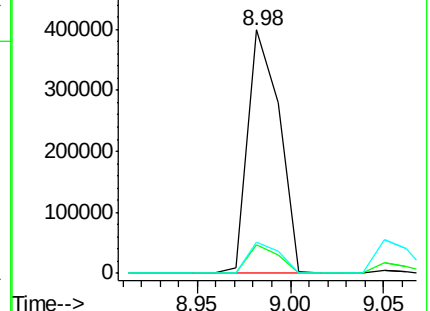
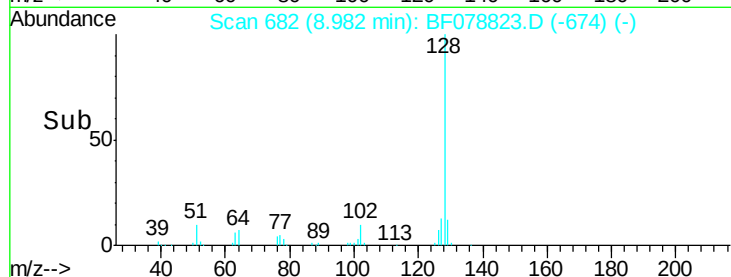
127 12.9 10.7 16.1



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: 10.55 ng

RT: 8.59 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

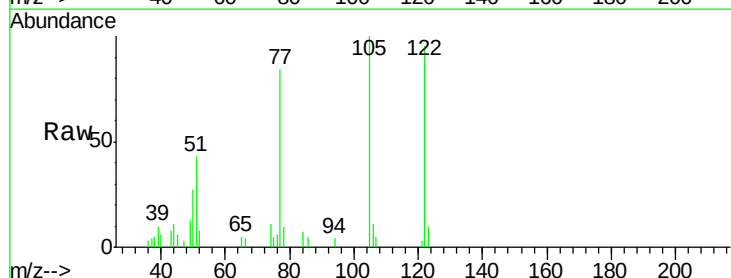
Tgt Ion:122 Resp: 12236

Ion Ratio Lower Upper

122 100

105 105.3 107.1 147.1#

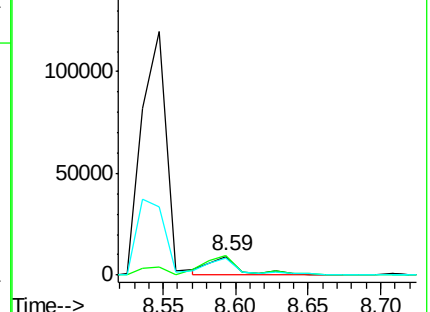
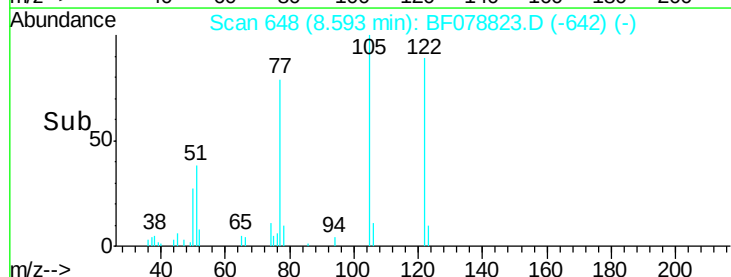
77 88.9 73.9 113.9

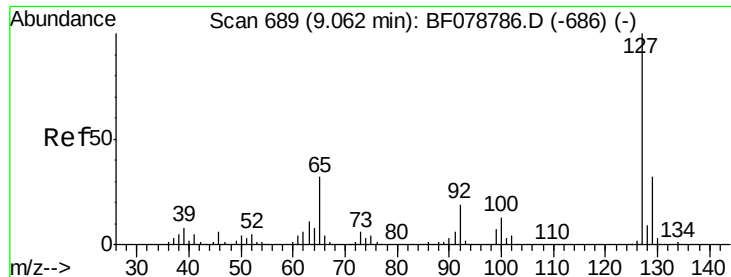


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

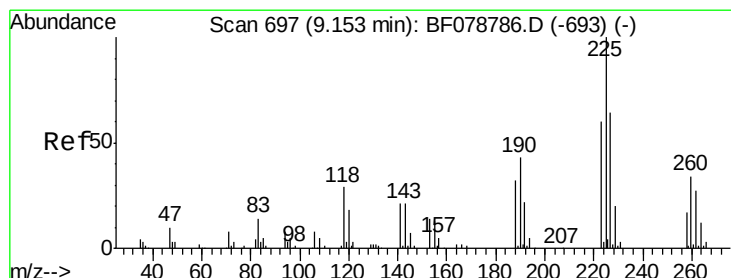
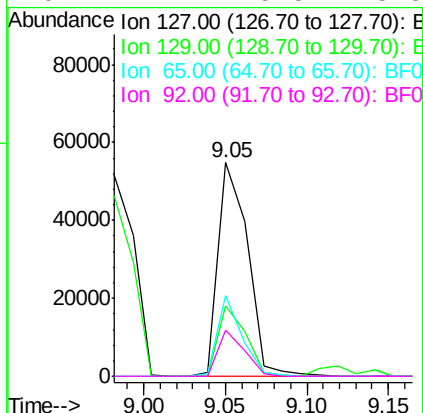
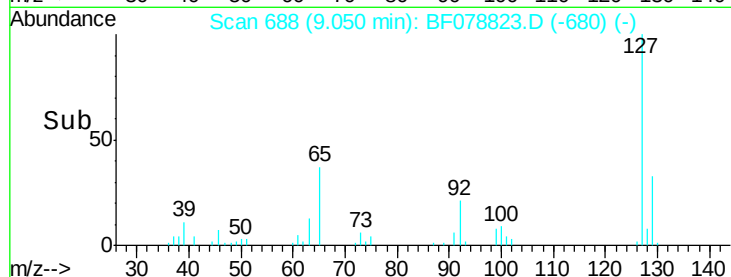
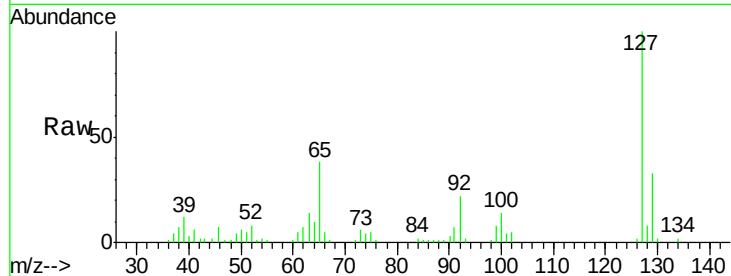




#33
4-Chloroaniline
Concen: 12.63 ng
RT: 9.05 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

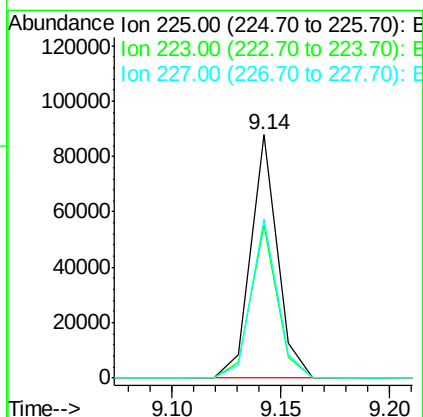
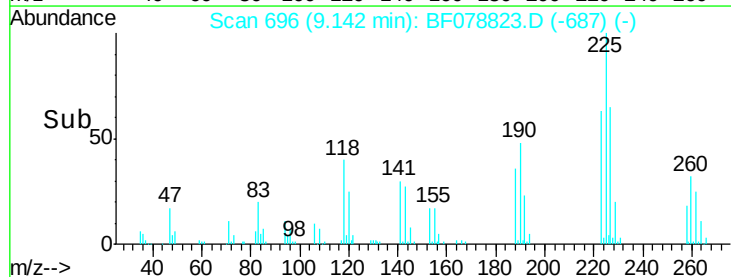
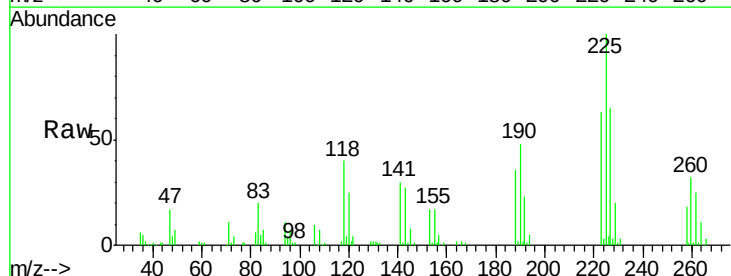
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MS

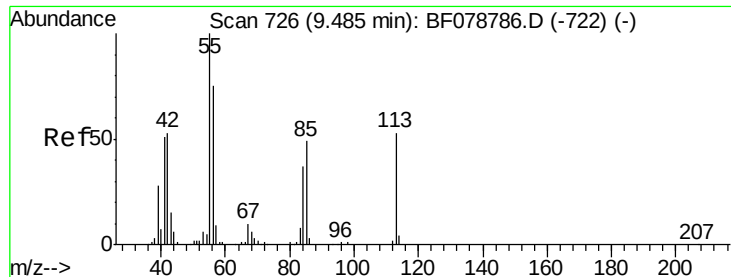
Tot Ion:	127	Resp:	69223
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	37.8	25.8	38.6
92	21.7	15.5	23.3



#34
Hexachlorobutadiene
Concen: 35.33 ng
RT: 9.14 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Tgt Ion:	225	Resp:	74766
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.2	72.4
227	65.2	51.4	77.0





#35

Caprolactam

Concen: 39.19 ng

RT: 9.47 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

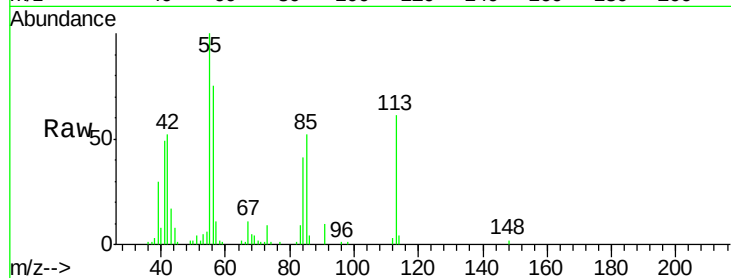
Tot Ion:113 Resp: 40759

Ion Ratio Lower Upper

113 100

55 165.0 169.7 209.7#

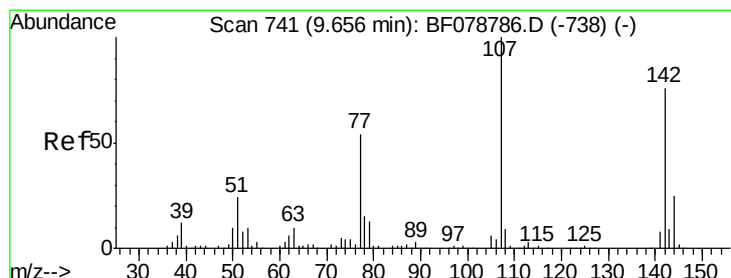
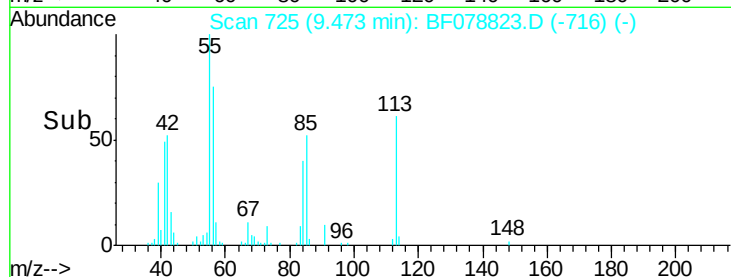
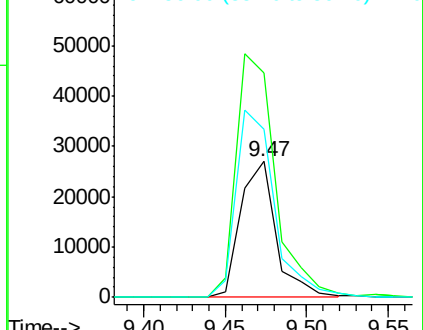
56 123.9 122.5 162.5



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: 40.91 ng

RT: 9.66 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

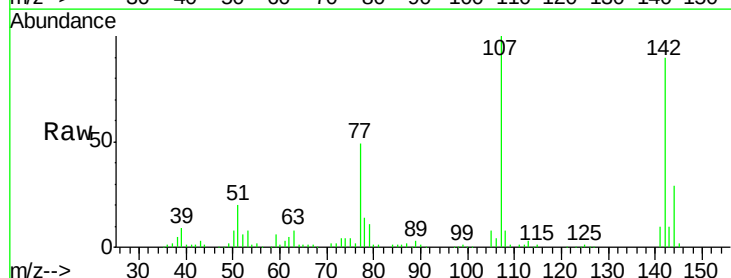
Tgt Ion:107 Resp: 140311

Ion Ratio Lower Upper

107 100

144 29.5 19.8 29.6

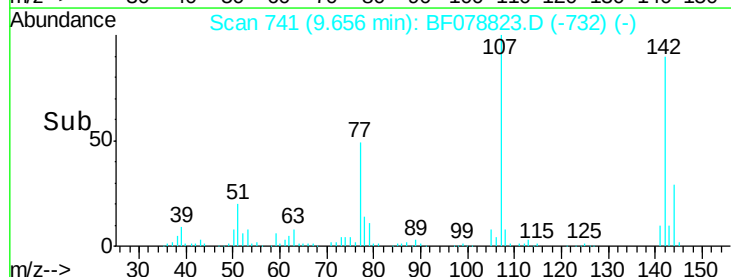
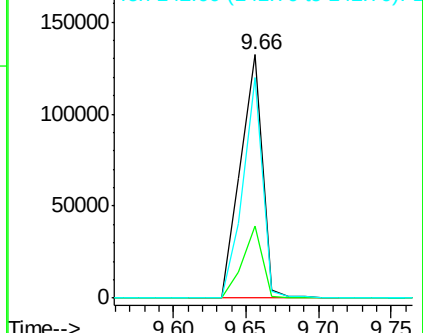
142 90.4 60.6 91.0

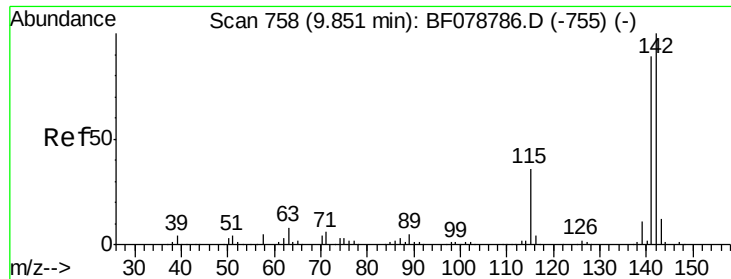


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

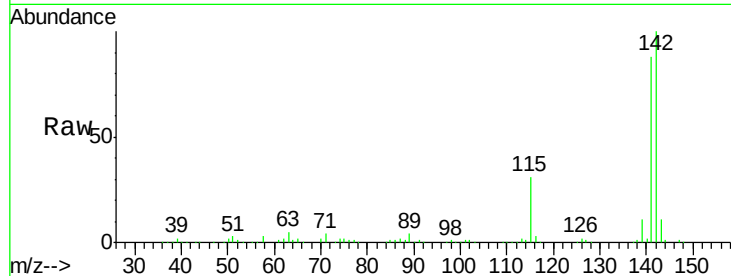




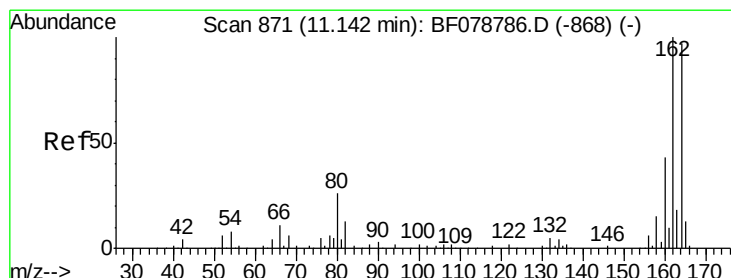
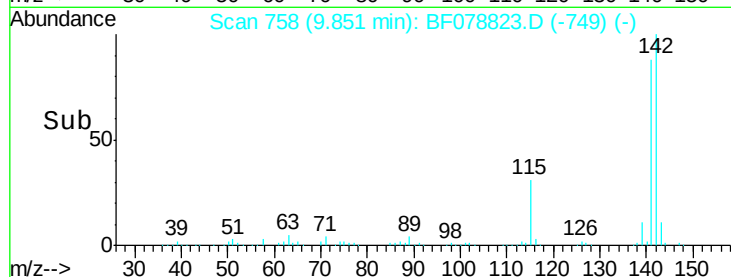
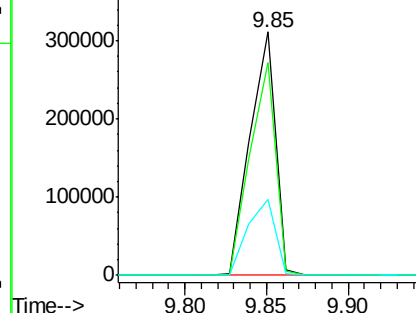
#37
 2-Methylnaphthalene
 Concen: 38.43 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.9	106.3
115	31.3	28.5	42.7

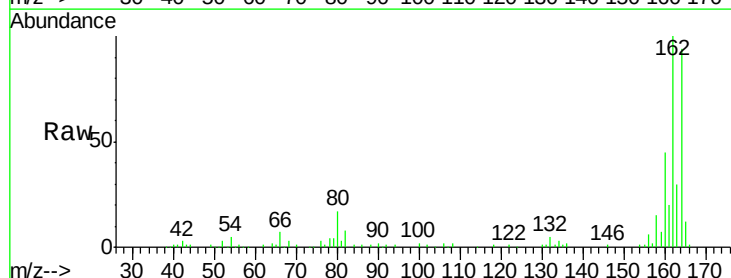


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

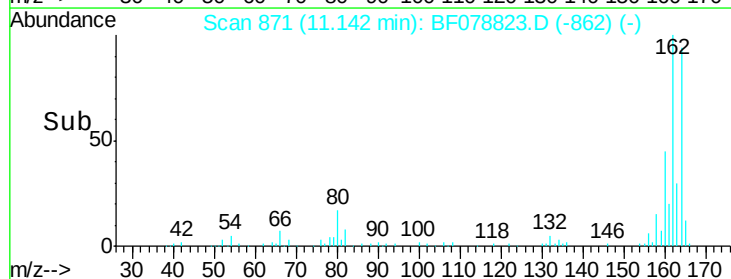
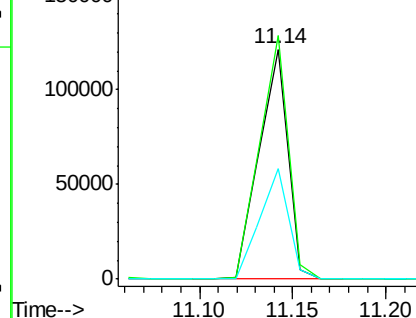


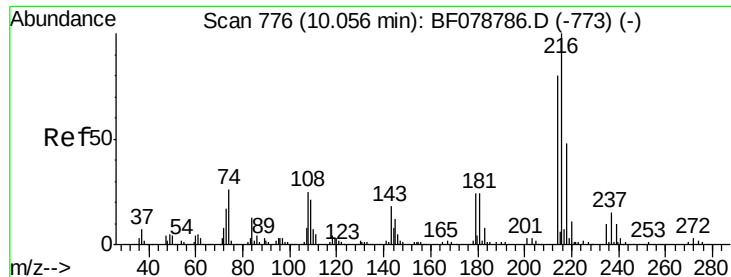
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.7	124.1
160	47.9	35.8	53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.35 ng

RT: 10.06 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

Tot Ion:216 Resp: 132462

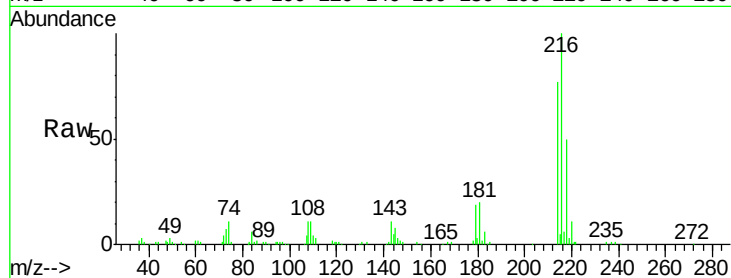
Ion Ratio Lower Upper

216 100

214 78.9 0.0 0.0#

179 21.8 0.0 0.0#

108 23.0 0.0 0.0#

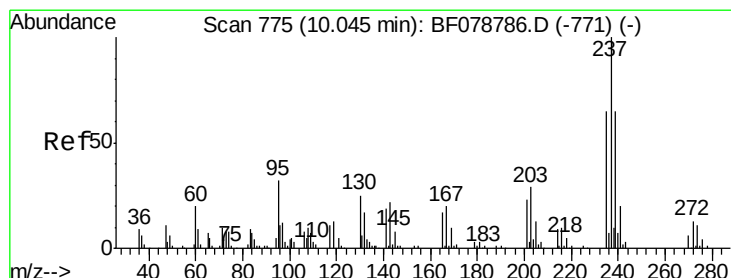
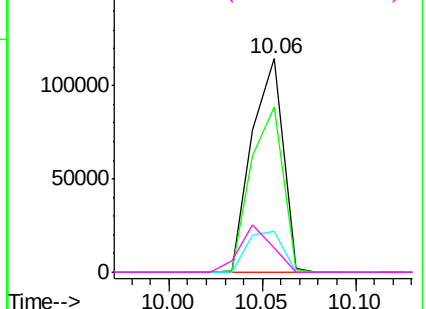
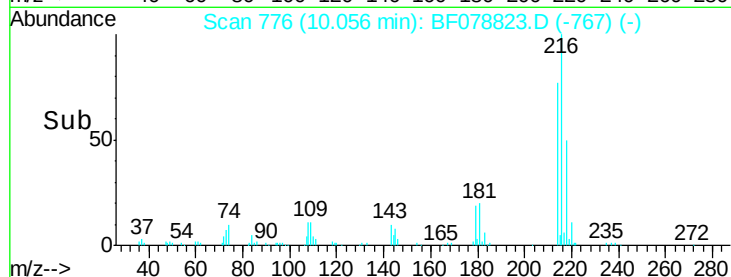


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.94 ng

RT: 10.04 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

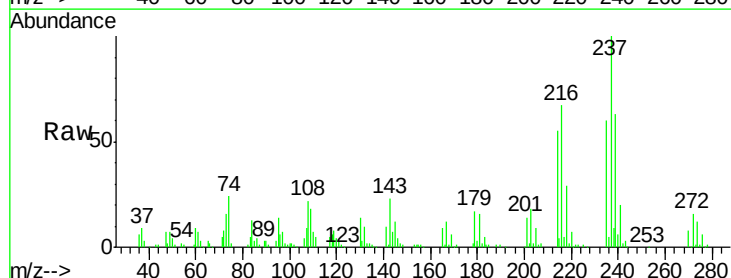
Tgt Ion:237 Resp: 127044

Ion Ratio Lower Upper

237 100

235 60.1 44.7 84.7

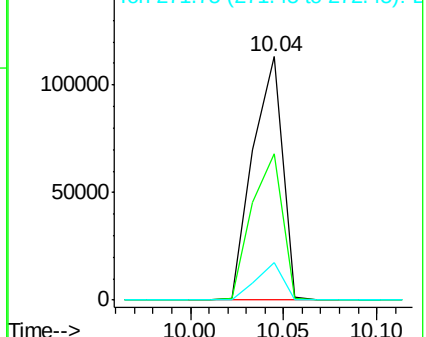
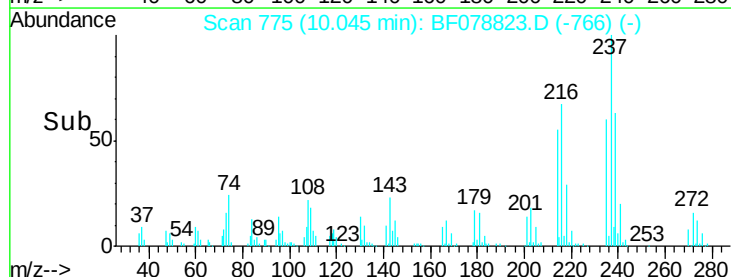
272 15.6 0.0 32.6

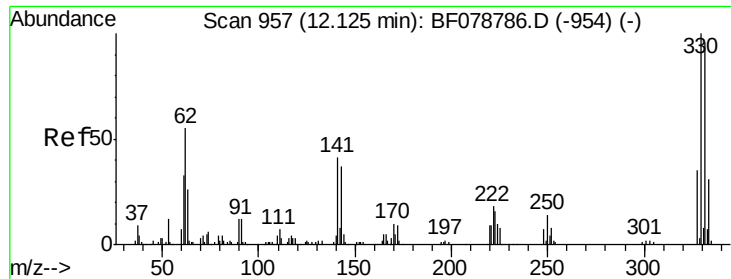


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

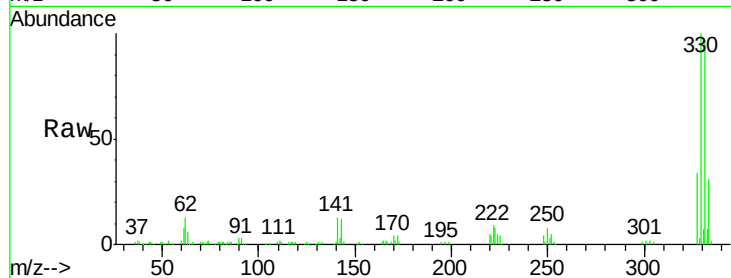




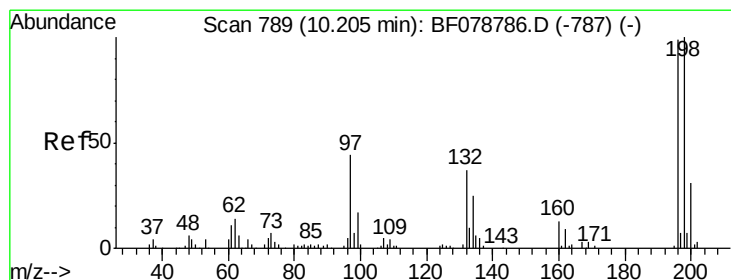
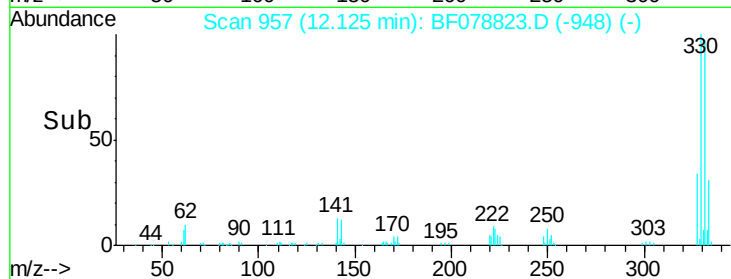
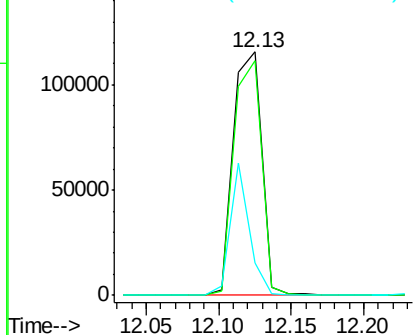
#41
 2,4,6-Tribromophenol
 Concen: 123.59 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	36.4	0.0	0.0#

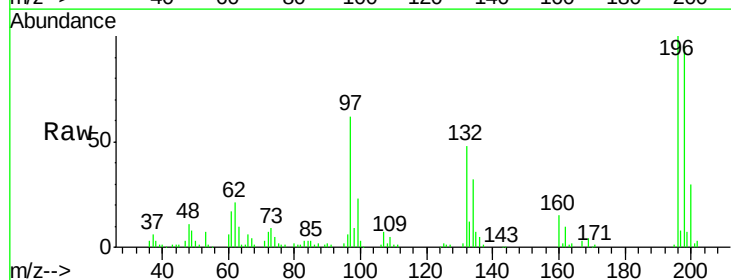


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

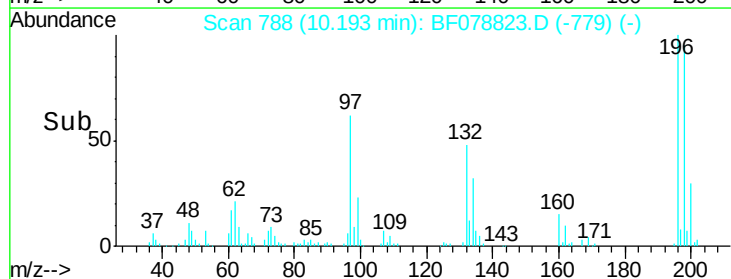
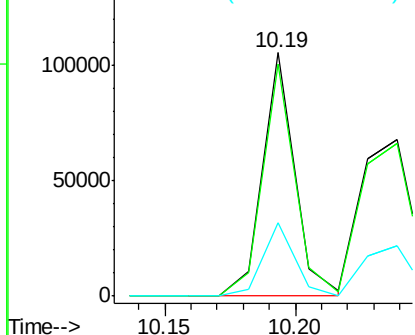


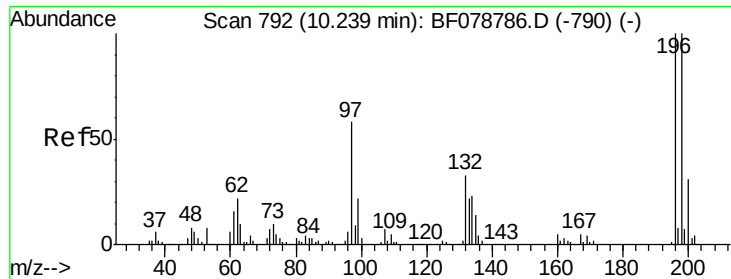
#42
 2,4,6-Trichlorophenol
 Concen: 40.38 ng
 RT: 10.19 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	80.5	120.7
200	30.3	24.9	37.3



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

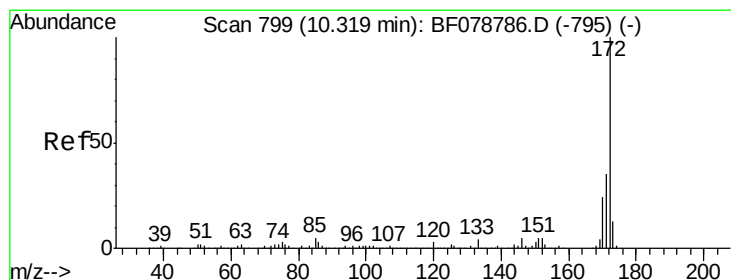
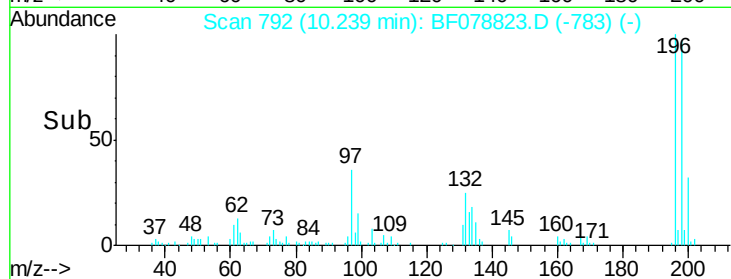
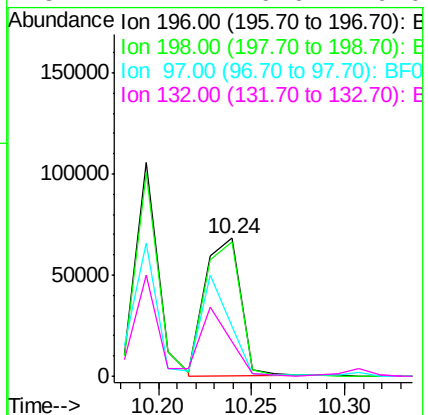
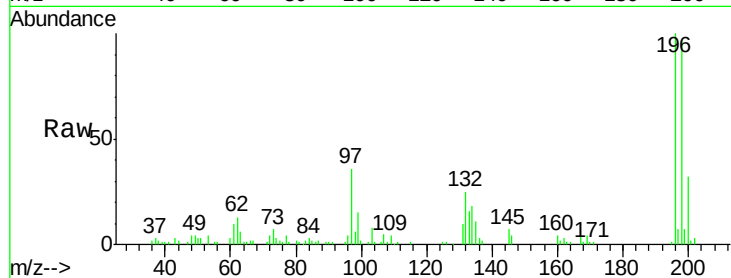




#43
 2,4,5-Trichlorophenol
 Concen: 38.28 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

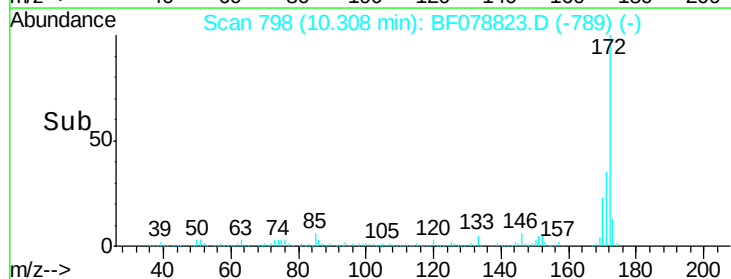
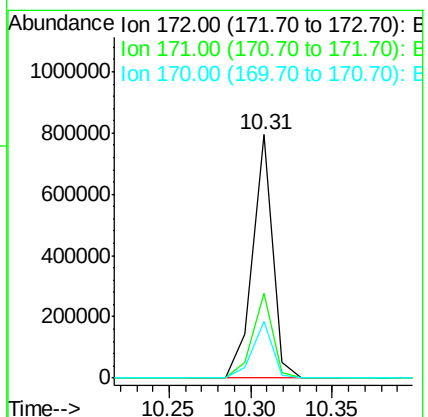
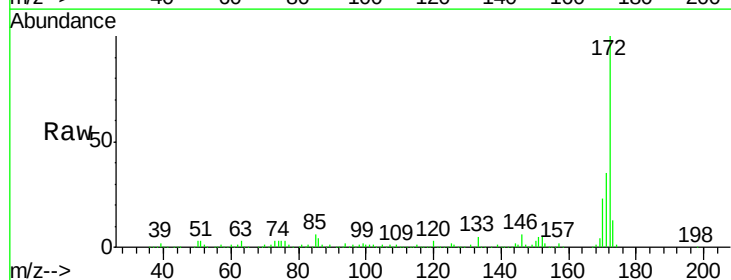
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

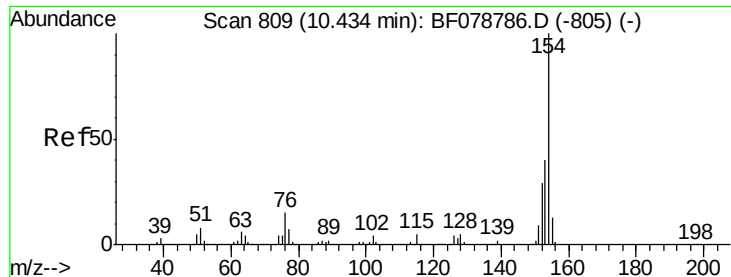
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.8	119.6
97	36.1	46.0	69.0#
132	24.7	26.6	40.0#



#44
 2-Fluorobiphenyl
 Concen: 72.21 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.5	19.4	29.0

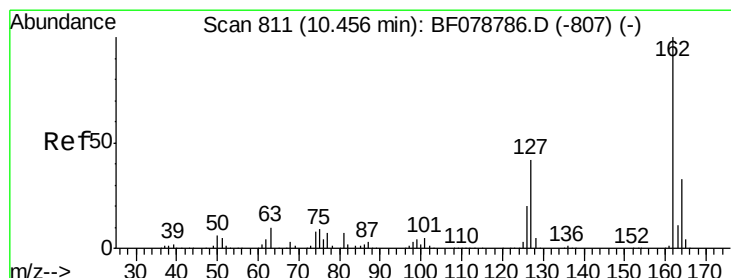
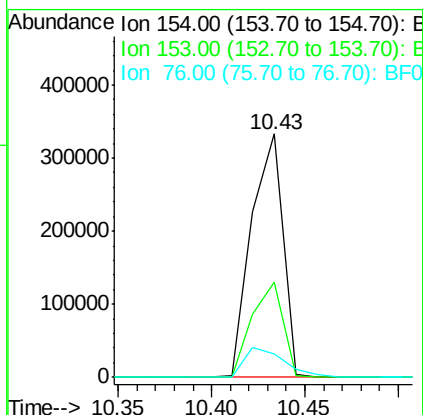
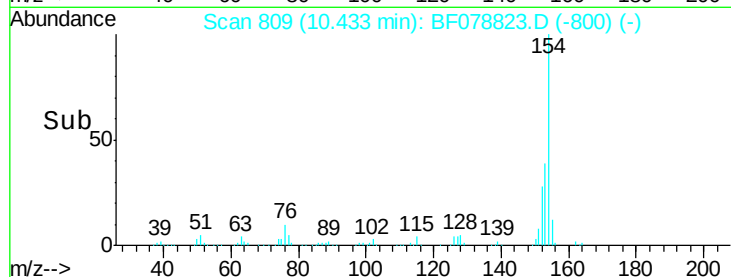
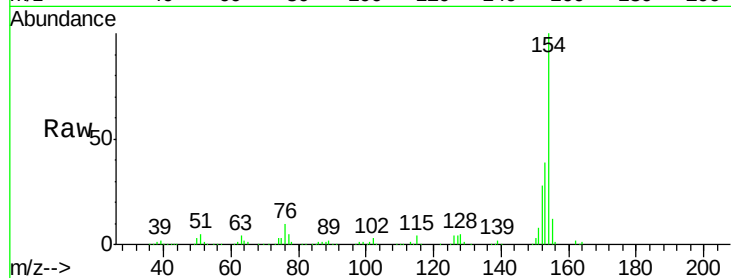




#45
 1,1'-Biphenyl
 Concen: 37.62 ng
 RT: 10.43 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

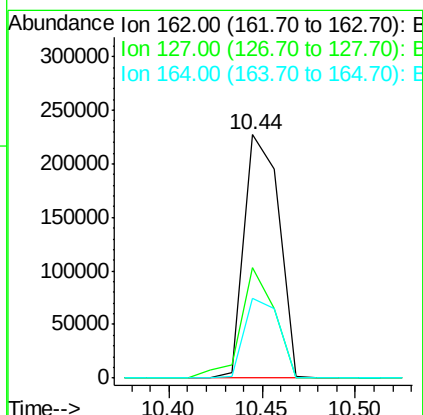
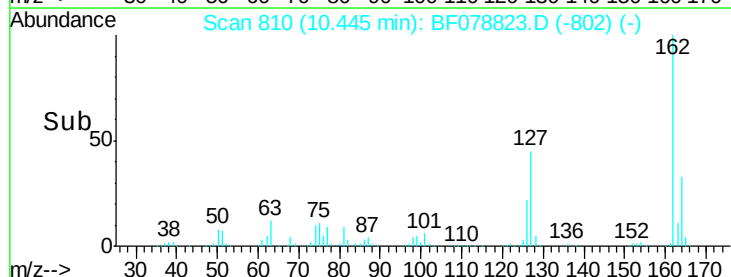
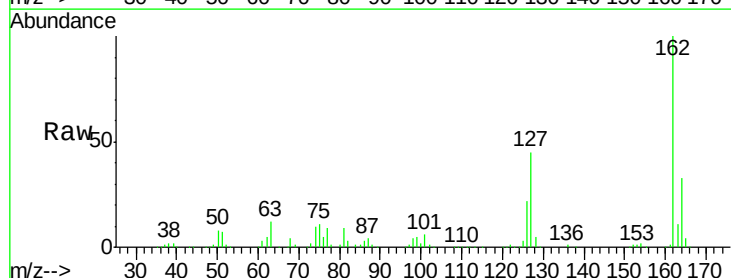
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

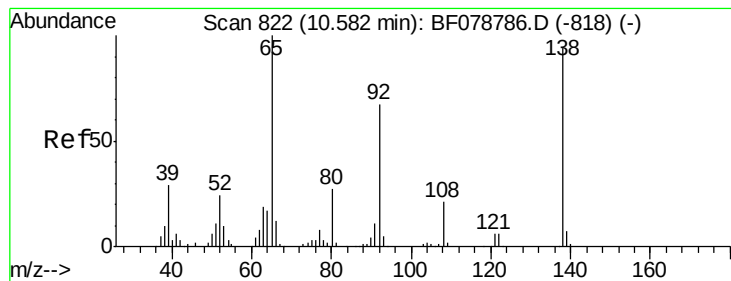
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.9	59.9
76	9.8	0.0	35.0



#46
 2-Chloronaphthalene
 Concen: 36.59 ng
 RT: 10.44 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.1	33.9	50.9
164	32.7	26.3	39.5





#47

2-Nitroaniline

Concen: 44.65 ng

RT: 10.57 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

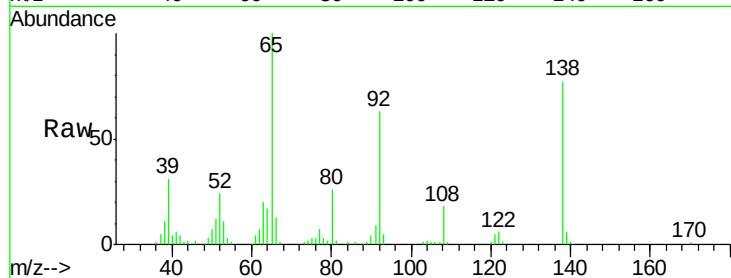
Tot Ion: 65 Resp: 78669

Ion Ratio Lower Upper

65 100

92 63.4 54.0 81.0

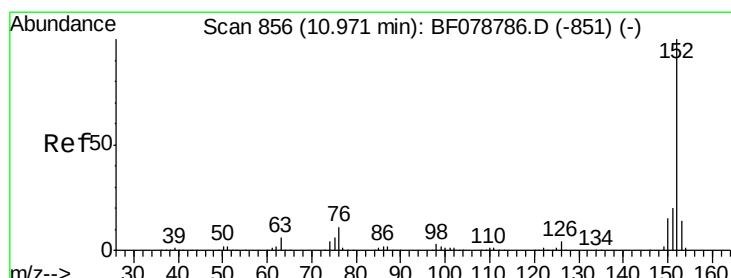
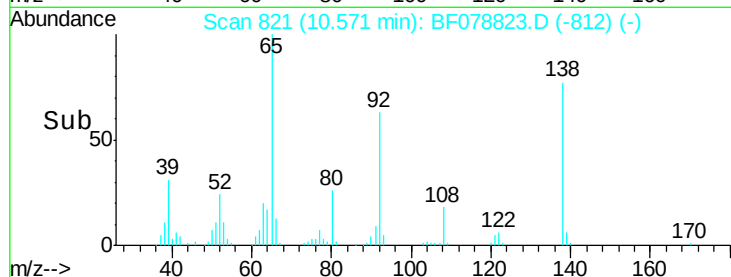
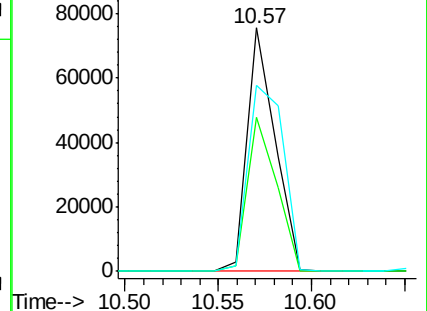
138 76.6 75.0 112.6



Abundance Ion 65.00 (64.70 to 65.70): BF078786.D (-818) (-)

Ion 92.00 (91.70 to 92.70): BF078786.D (-818) (-)

Ion 138.00 (137.70 to 138.70): BF078786.D (-818) (-)



#48

Acenaphthylene

Concen: 36.35 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

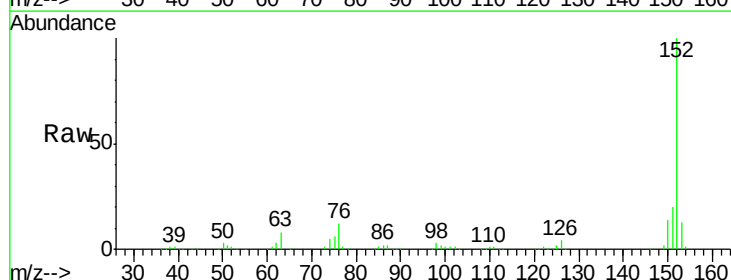
Tgt Ion: 152 Resp: 479827

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

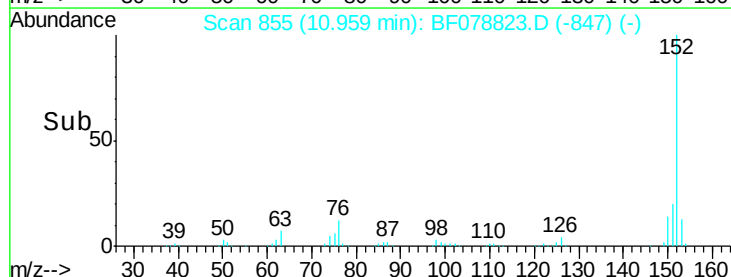
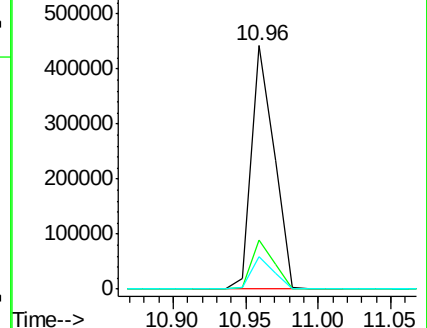
153 13.2 10.9 16.3

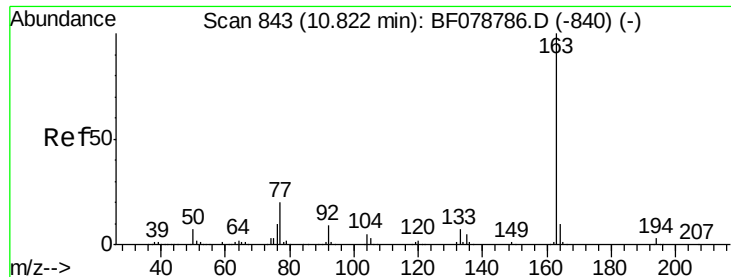


Abundance Ion 152.00 (151.70 to 152.70): BF078786.D (-851) (-)

Ion 151.00 (150.70 to 151.70): BF078786.D (-851) (-)

Ion 153.00 (152.70 to 153.70): BF078786.D (-851) (-)





#49

Dimethylphthalate

Concen: 42.12 ng

RT: 10.81 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

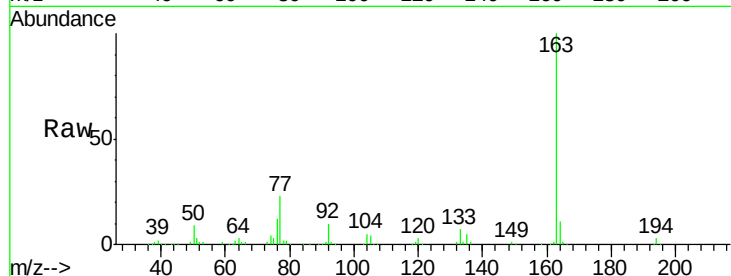
Tot Ion:163 Resp: 385075

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

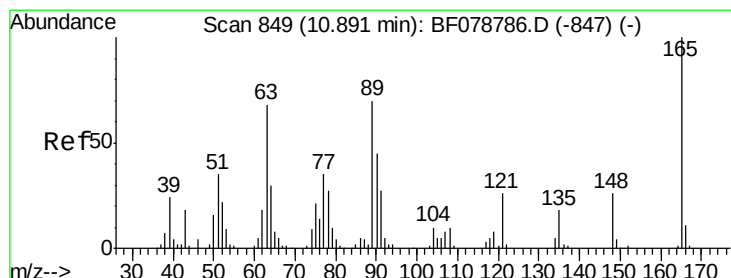
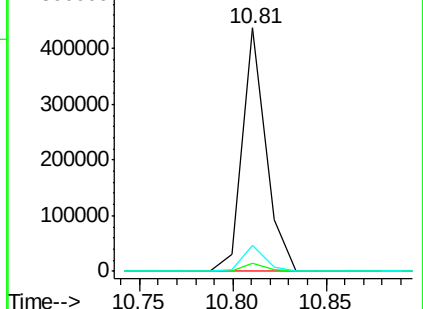
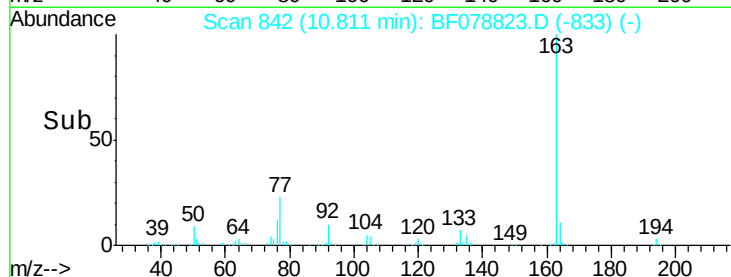
164 10.7 8.1 12.1



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: 41.77 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

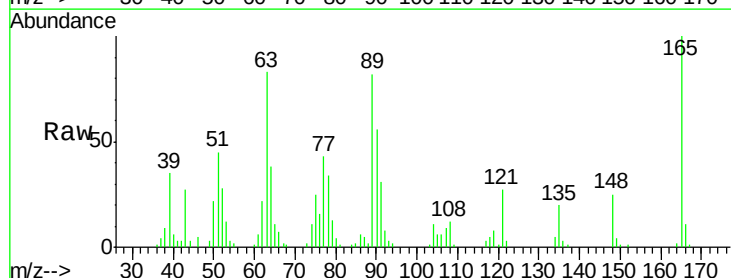
Tgt Ion:165 Resp: 62209

Ion Ratio Lower Upper

165 100

63 83.0 54.4 81.6#

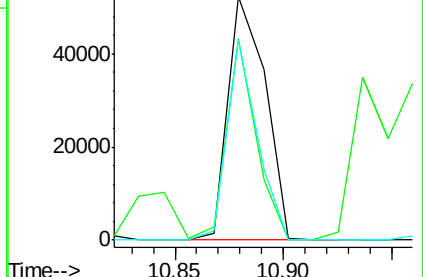
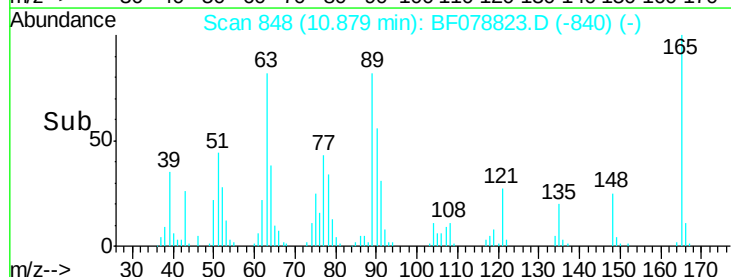
89 82.2 55.7 83.5

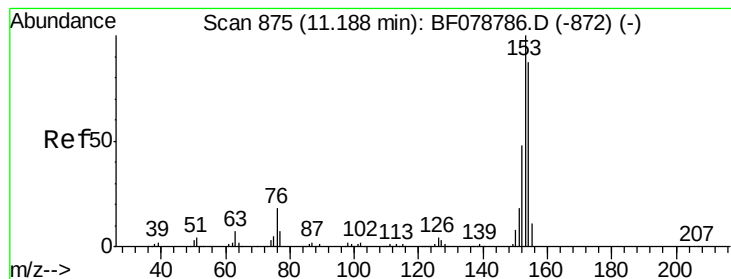


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.01 ng

RT: 11.18 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

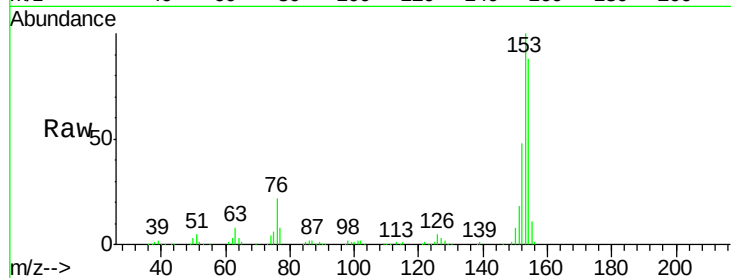
Tot Ion:154 Resp: 286882

Ion Ratio Lower Upper

154 100

153 113.3 91.5 137.3

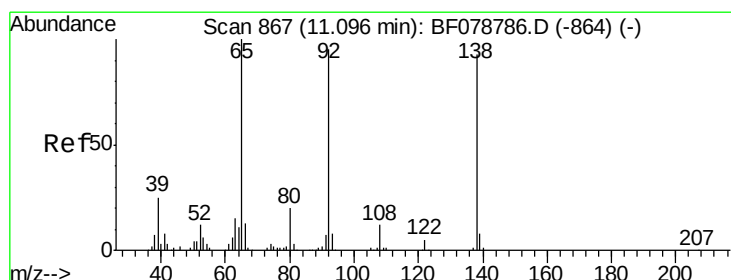
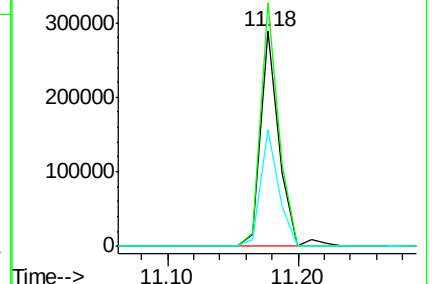
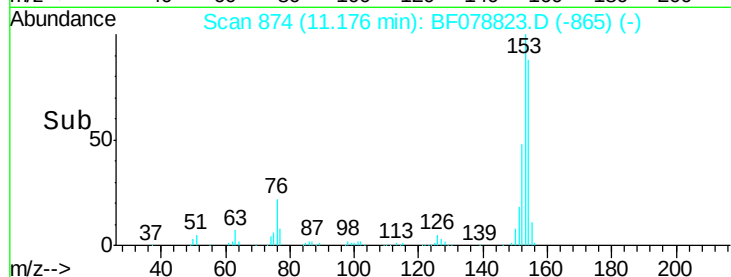
152 54.6 44.2 66.4



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: 25.69 ng

RT: 11.08 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

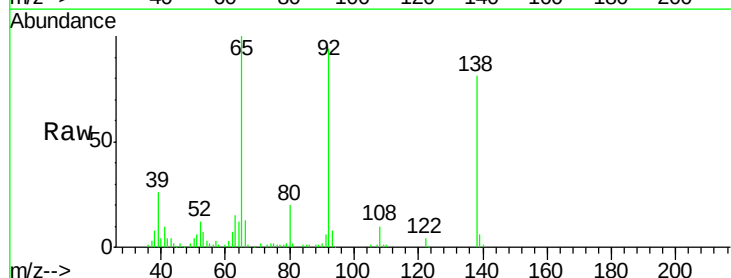
Tgt Ion:138 Resp: 49640

Ion Ratio Lower Upper

138 100

108 12.6 10.6 16.0

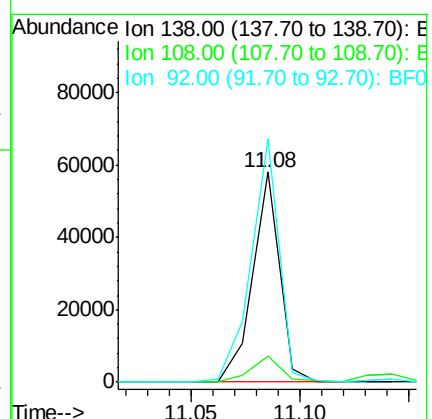
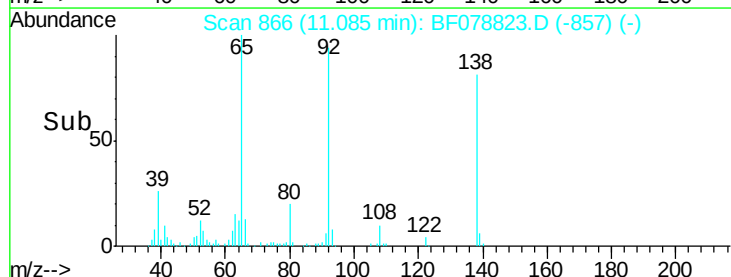
92 116.0 81.8 122.6

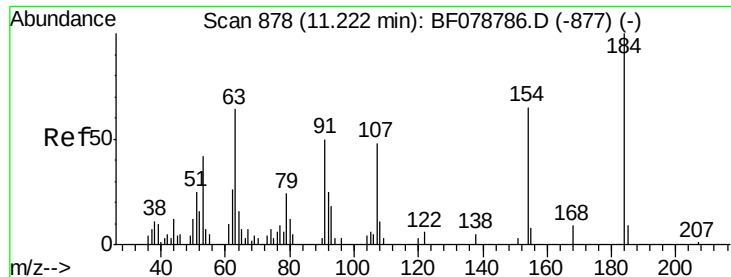


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

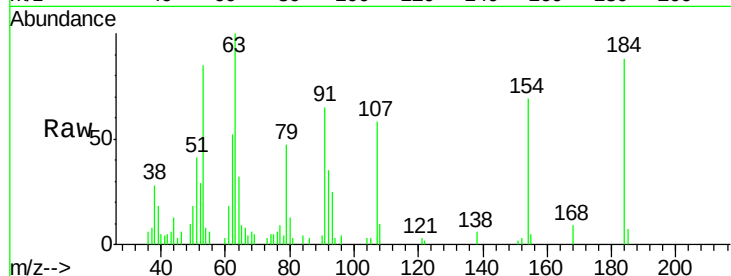




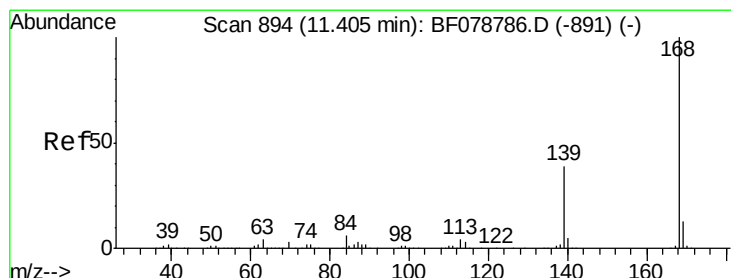
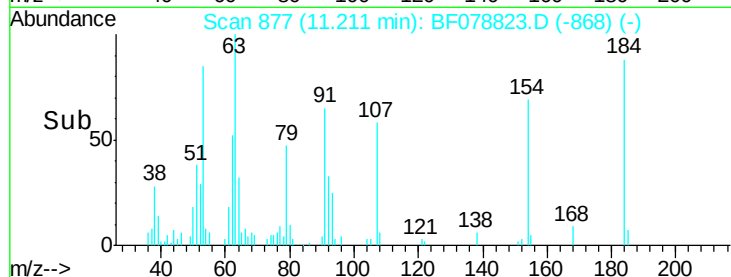
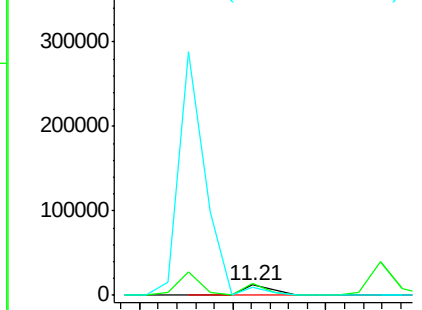
#53
 2,4-Dinitrophenol
 Concen: 57.27 ng
 RT: 11.21 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

Tot Ion:184 Resp: 12973
 Ion Ratio Lower Upper
 184 100
 63 113.9 63.3 94.9#
 154 78.1 53.8 80.6

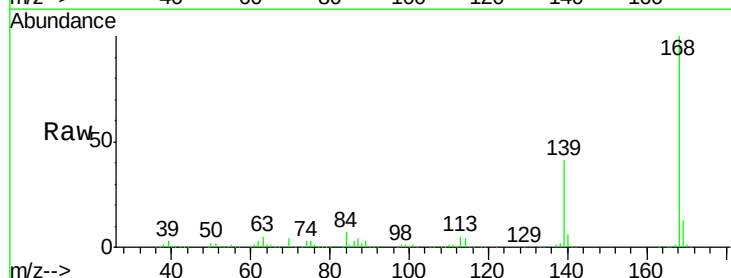


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

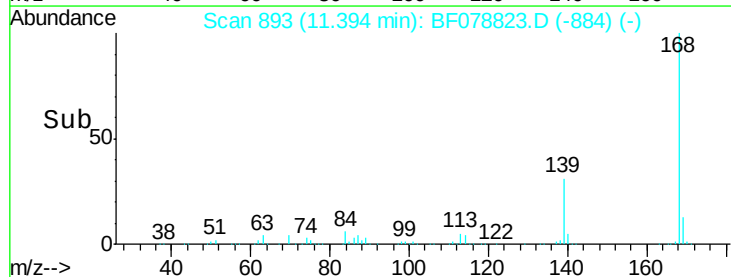
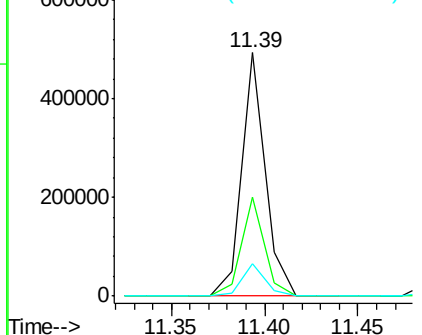


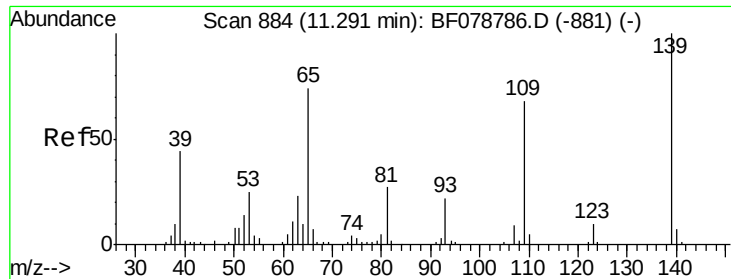
#54
 Dibenzofuran
 Concen: 38.18 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion:168 Resp: 434218
 Ion Ratio Lower Upper
 168 100
 139 40.6 31.0 46.4
 169 13.3 10.6 16.0



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

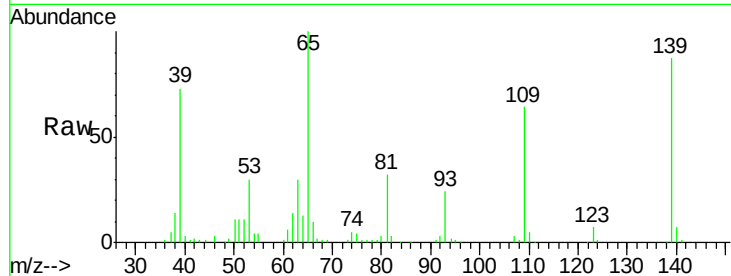




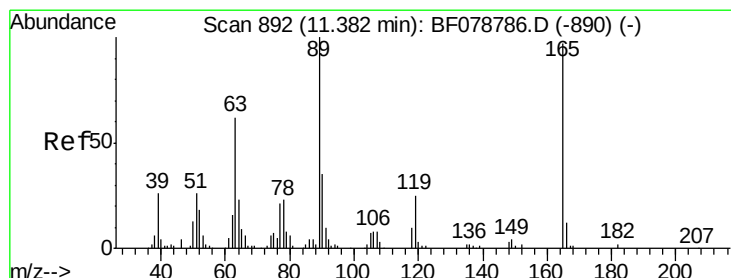
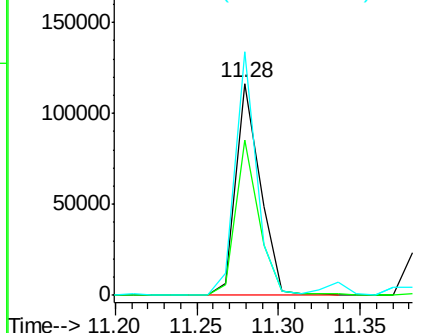
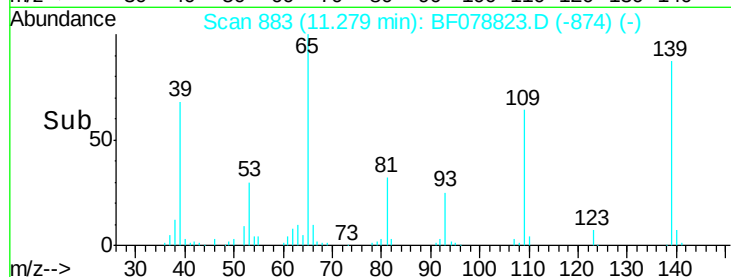
#55
4-Nitrophenol
Concen: 78.36 ng
RT: 11.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MS

Tot Ion:139 Resp: 121284
Ion Ratio Lower Upper
139 100
109 73.3 47.6 87.6
65 114.7 54.3 94.3#

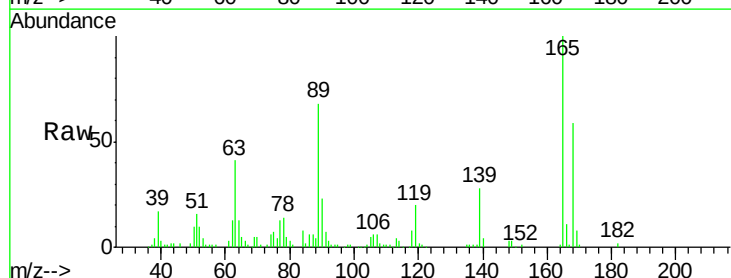


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

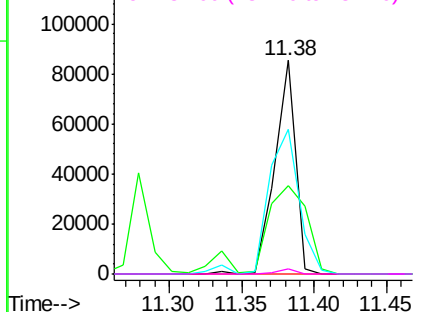
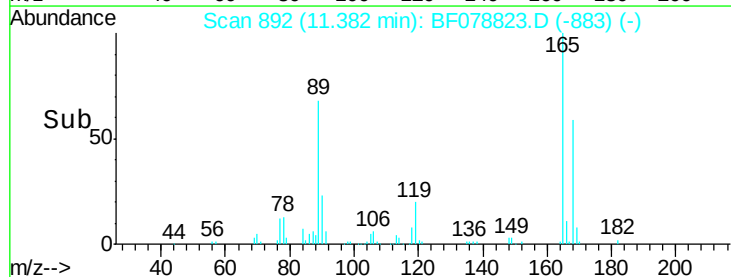


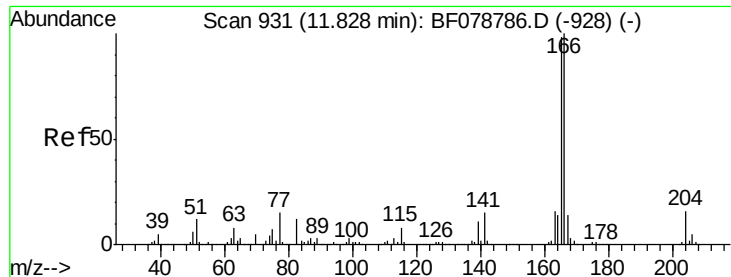
#56
2,4-Dinitrotoluene
Concen: 47.36 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Tgt Ion:165 Resp: 84440
Ion Ratio Lower Upper
165 100
63 41.4 51.2 76.8#
89 67.6 82.7 124.1#
182 2.2 1.4 2.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

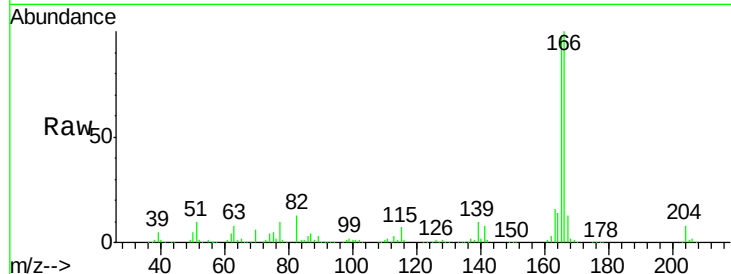




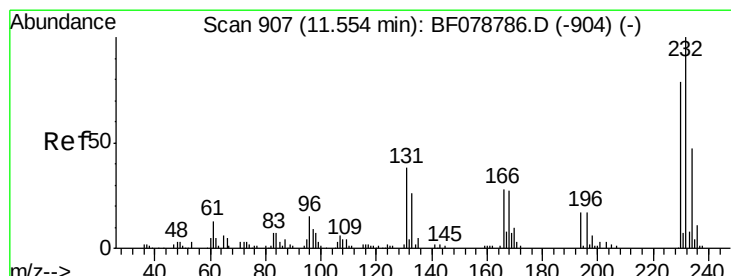
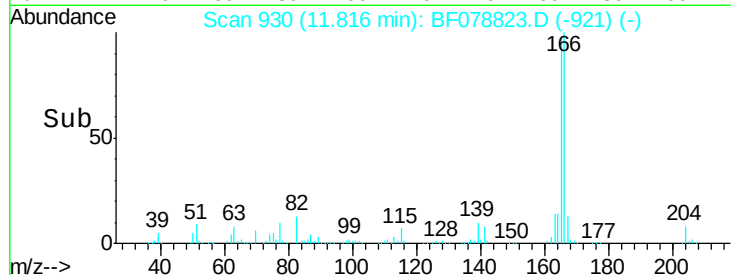
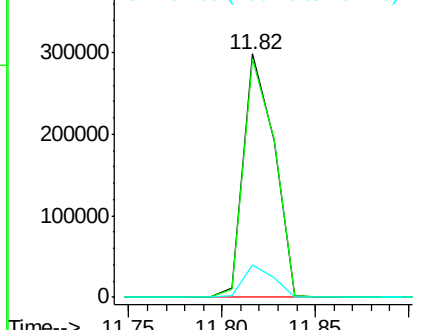
#57
 Fluorene
 Concen: 38.02 ng
 RT: 11.82 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

Tot Ion:166 Resp: 345554
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.5 117.7
 167 13.2 11.0 16.6

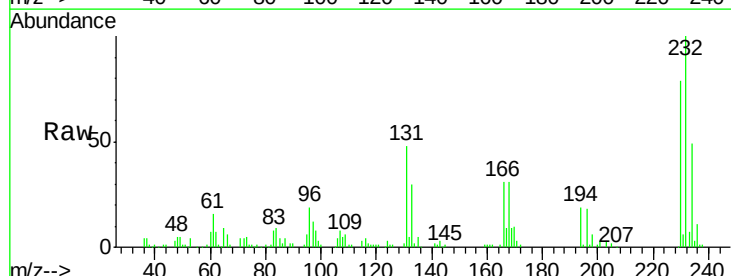


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

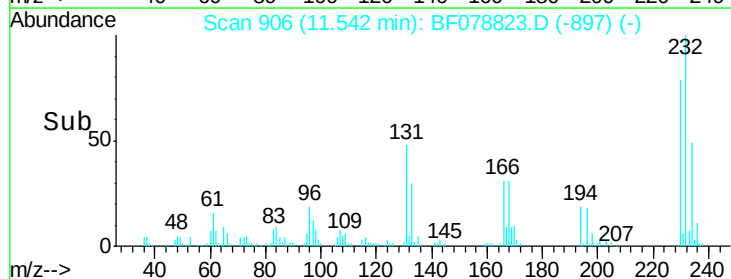
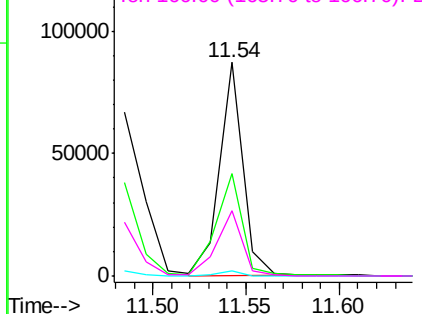


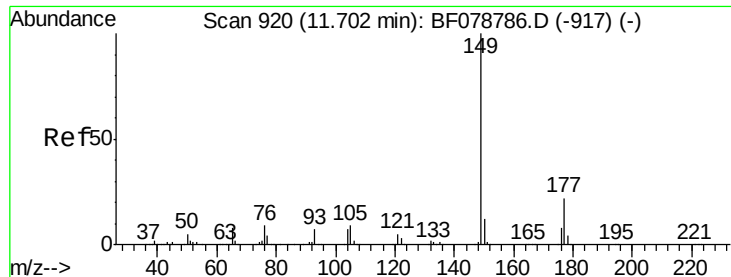
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.42 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion:232 Resp: 76847
 Ion Ratio Lower Upper
 232 100
 131 53.1 0.0 0.0#
 130 2.5 0.0 0.0#
 166 32.9 0.0 0.0#



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

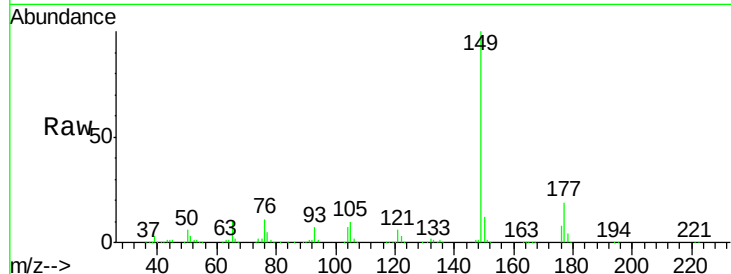




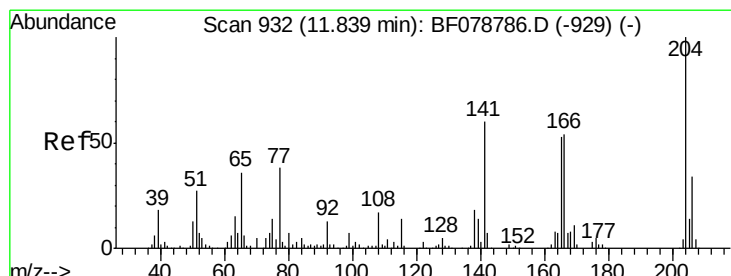
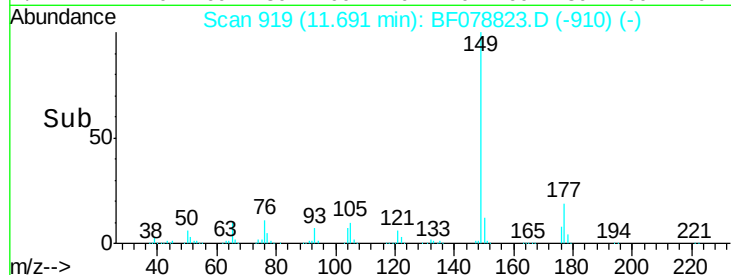
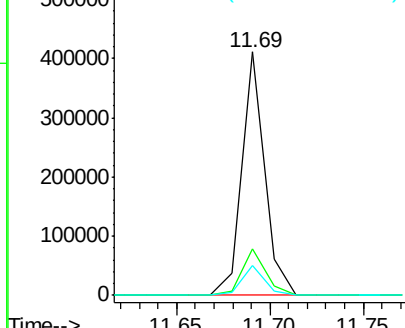
#59
Diethylphthalate
Concen: 38.45 ng
RT: 11.69 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MS

Tot Ion:149 Resp: 349795
Ion Ratio Lower Upper
149 100
177 19.3 17.5 26.3
150 12.5 9.6 14.4

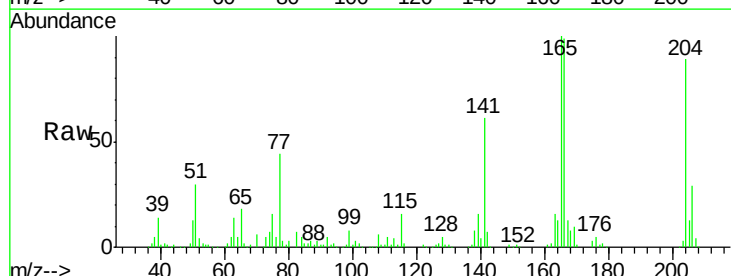


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

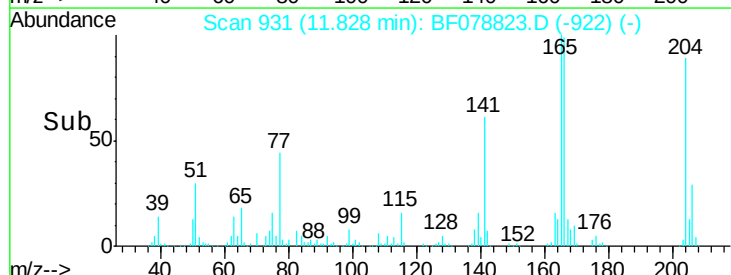
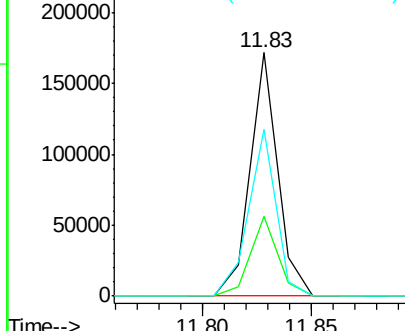


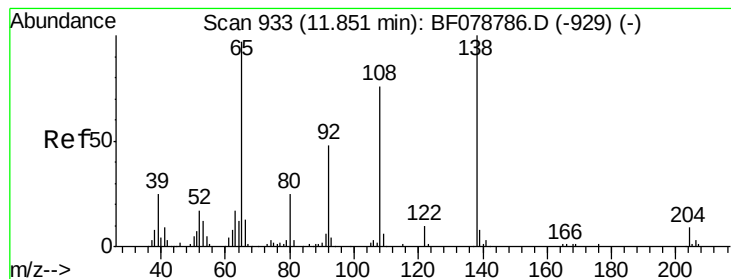
#60
4-Chlorophenyl-phenylether
Concen: 37.56 ng
RT: 11.83 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Tgt Ion:204 Resp: 151909
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 68.6 48.3 72.5



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: 39.39 ng

RT: 11.84 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

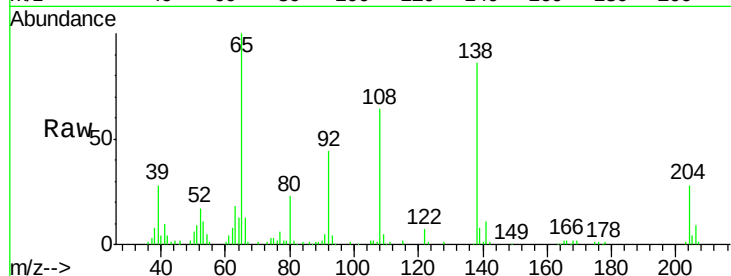
Tot Ion:138 Resp: 75672

Ion Ratio Lower Upper

138 100

92 51.3 28.0 68.0

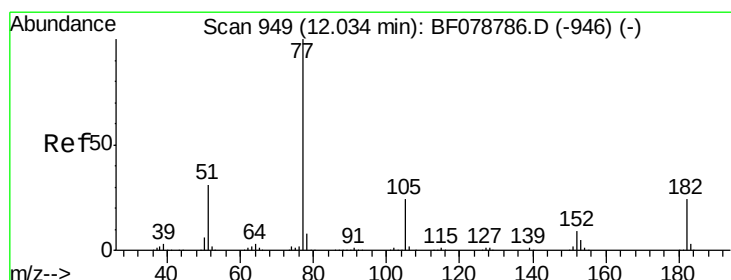
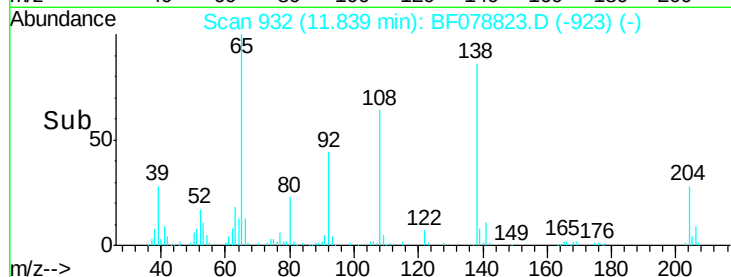
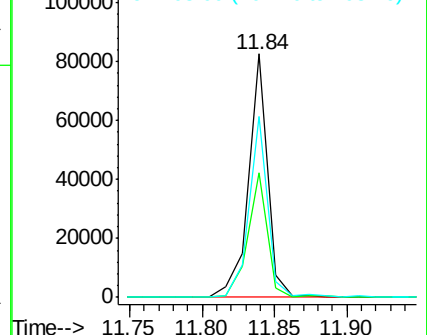
108 74.2 56.3 96.3



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: 44.00 ng

RT: 12.02 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Tgt Ion: 77 Resp: 408173

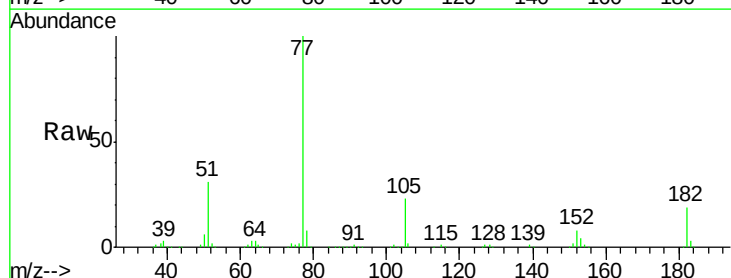
Ion Ratio Lower Upper

77 100

182 19.5 3.8 43.8

105 23.1 3.9 43.9

51 31.2 10.8 50.8

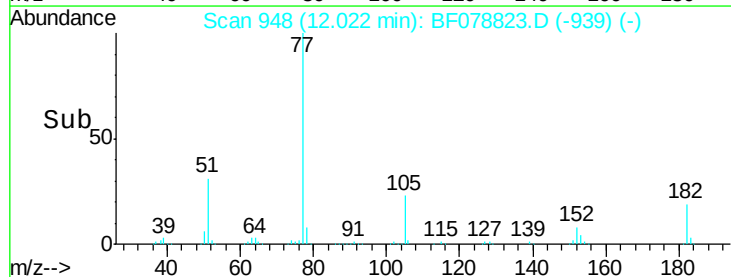
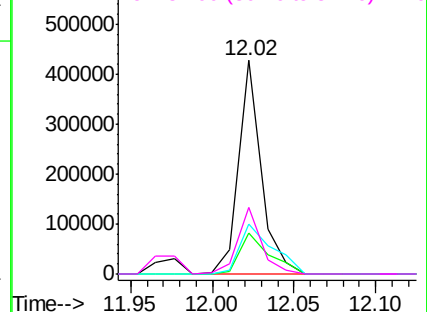


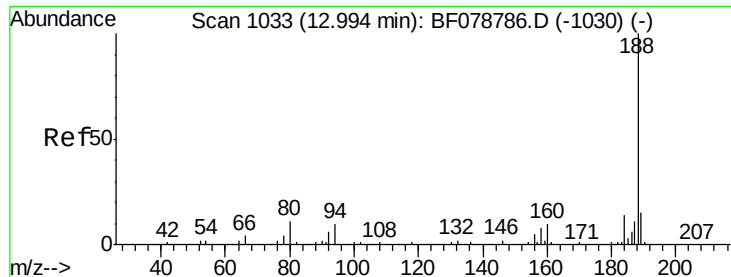
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

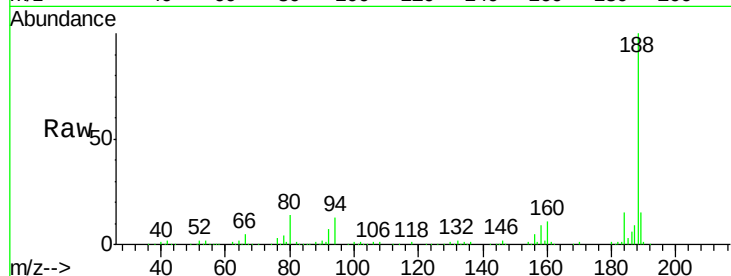




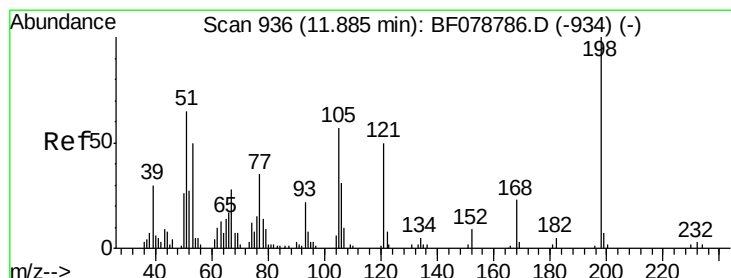
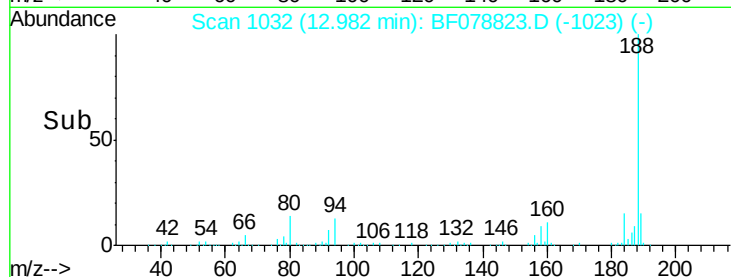
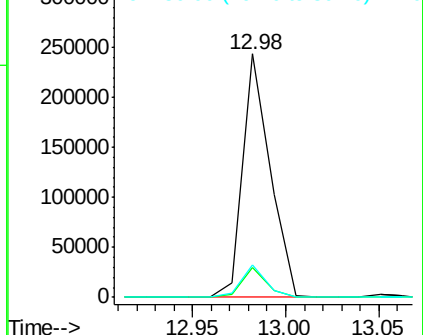
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MS

Tot Ion:188 Resp: 249476
Ion Ratio Lower Upper
188 100
94 12.5 8.2 12.2#
80 13.5 8.9 13.3#

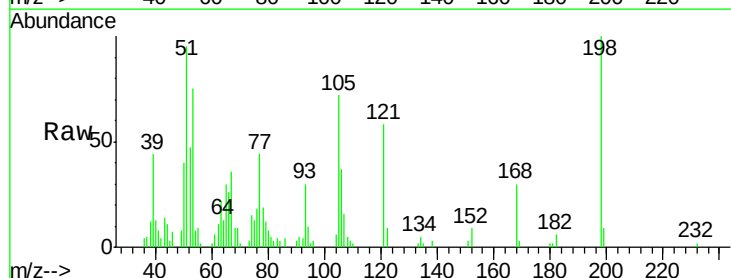


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

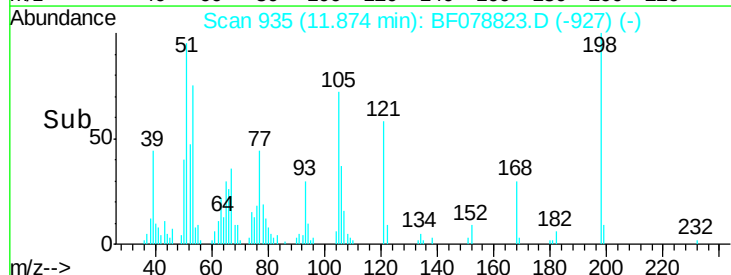
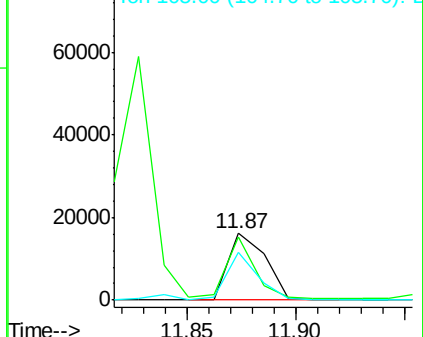


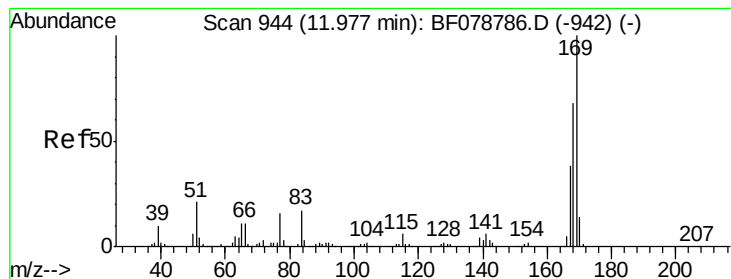
#64
4,6-Dinitro-2-methylphenol
Concen: 46.97 ng
RT: 11.87 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Tgt Ion:198 Resp: 19102
Ion Ratio Lower Upper
198 100
51 95.3 47.3 87.3#
105 71.6 38.8 78.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.51 ng

RT: 11.98 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

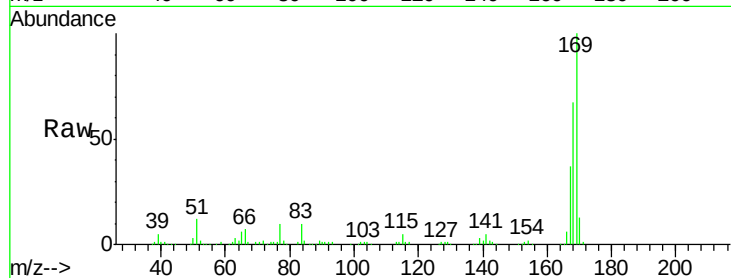
Tot Ion:169 Resp: 302558

Ion Ratio Lower Upper

169 100

168 67.2 54.6 82.0

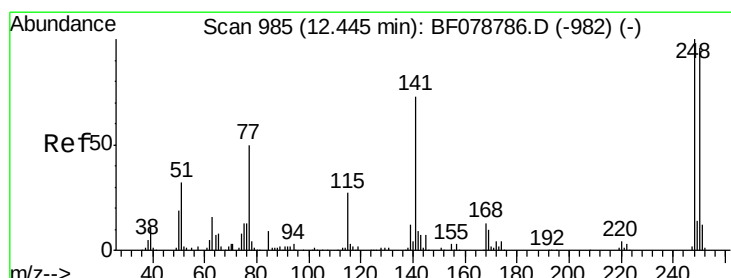
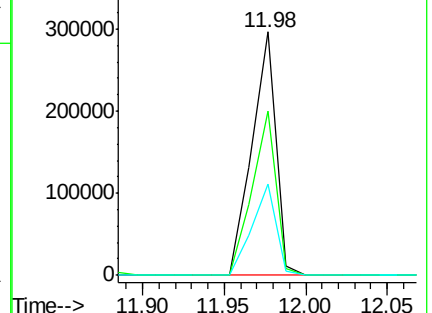
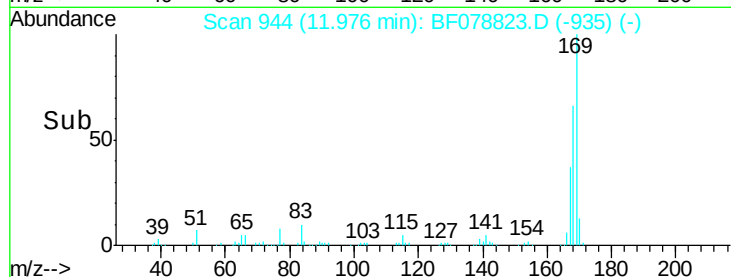
167 37.3 30.6 45.8



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: 36.38 ng

RT: 12.43 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

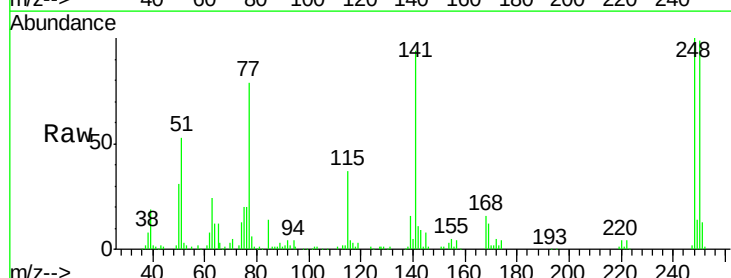
Tgt Ion:248 Resp: 91624

Ion Ratio Lower Upper

248 100

250 98.8 77.1 115.7

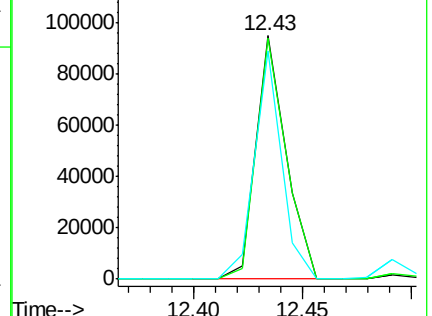
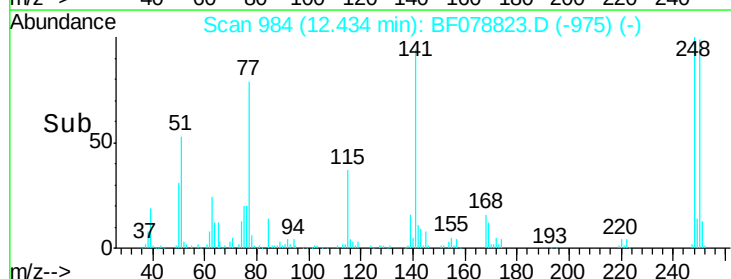
141 93.6 58.8 88.2#

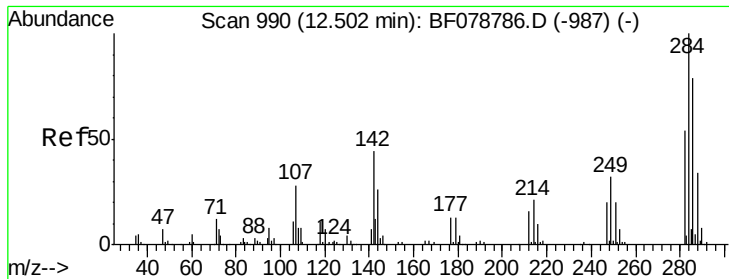


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.68 ng

RT: 12.49 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

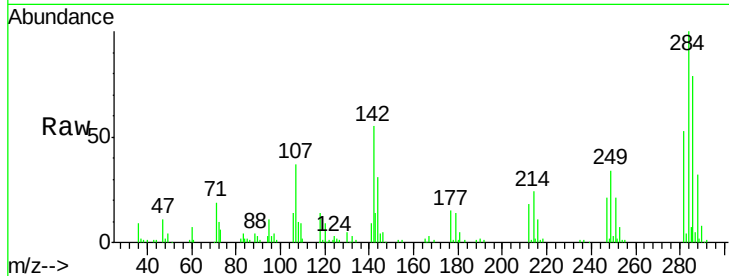
Tot Ion:284 Resp: 104624

Ion Ratio Lower Upper

284 100

142 55.0 35.2 52.8#

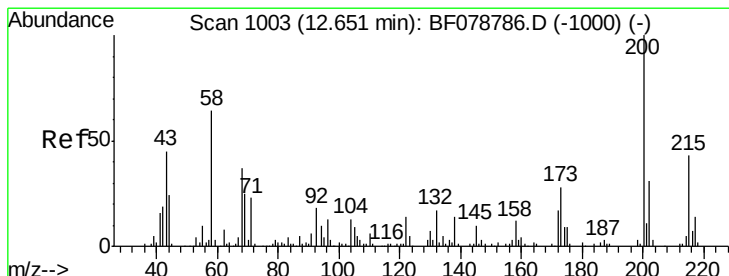
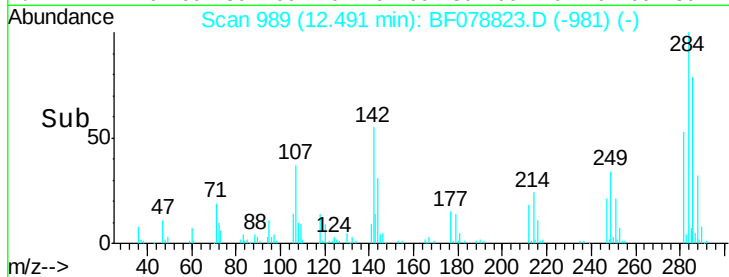
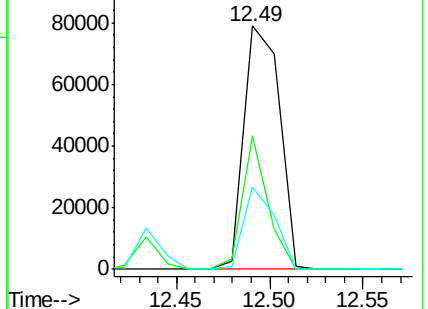
249 33.7 25.4 38.2



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: 41.84 ng

RT: 12.64 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

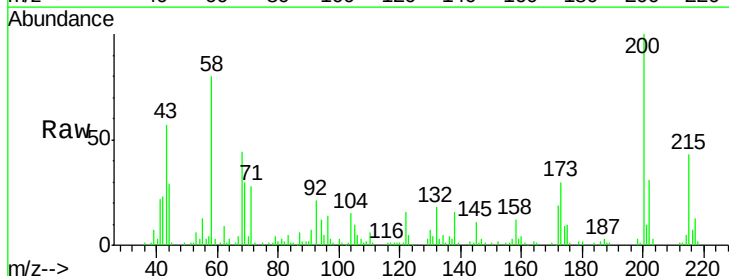
Tgt Ion:200 Resp: 90391

Ion Ratio Lower Upper

200 100

173 29.8 8.1 48.1

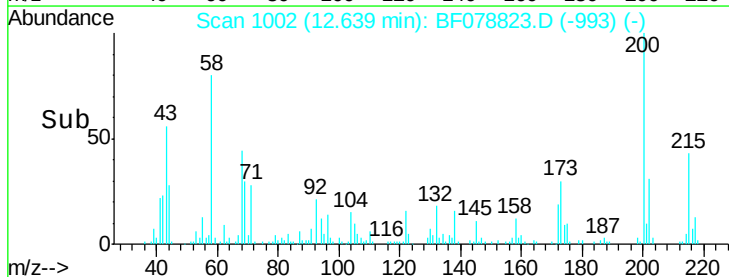
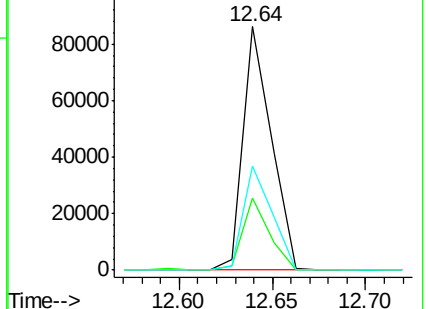
215 42.6 22.9 62.9

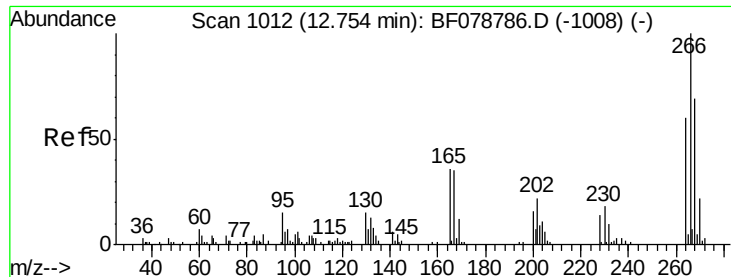


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

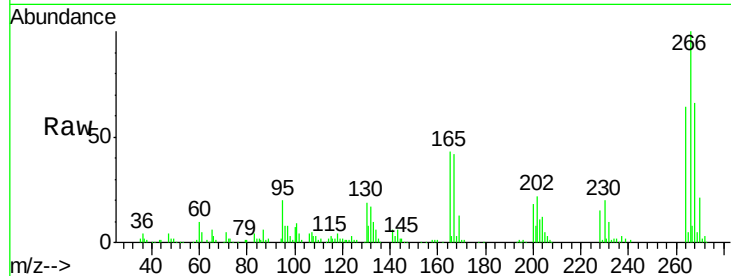




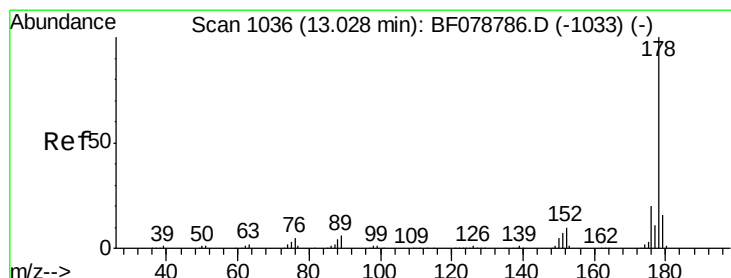
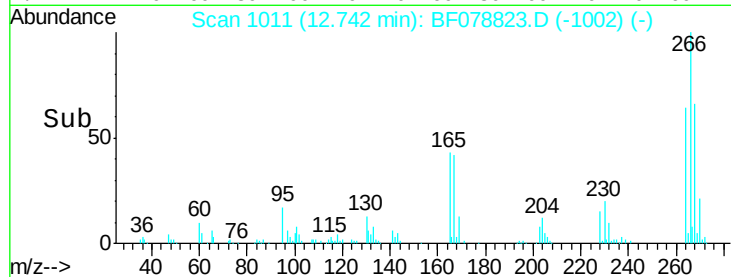
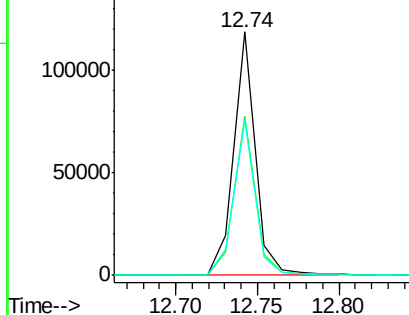
#69
 Pentachlorophenol
 Concen: 75.20 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	55.0	82.6
264	63.7	48.2	72.2

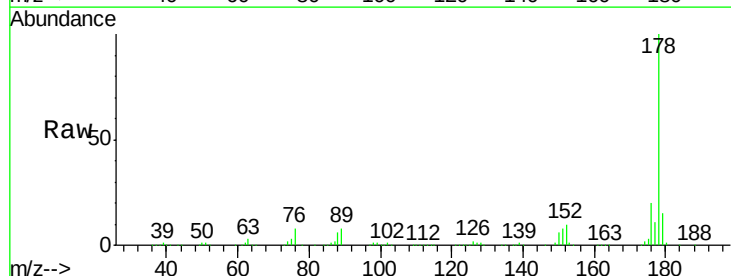


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

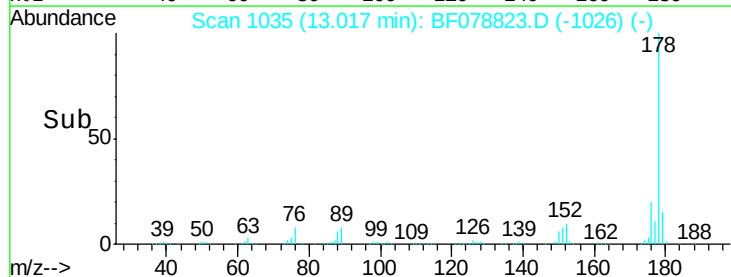
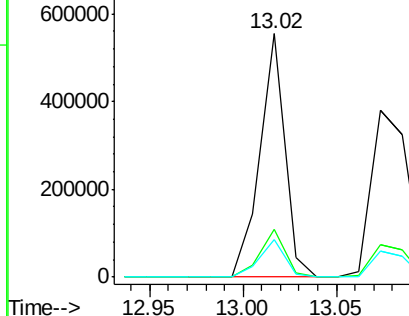


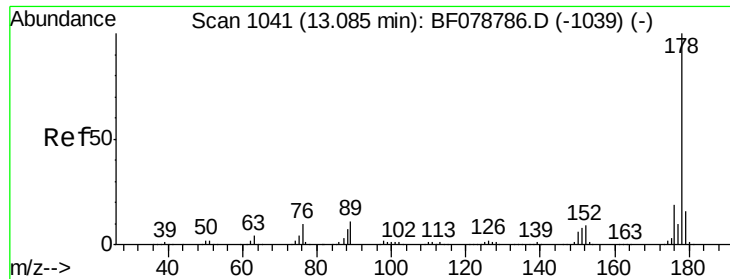
#70
 Phenanthrene
 Concen: 37.93 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.2	12.5	18.7



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

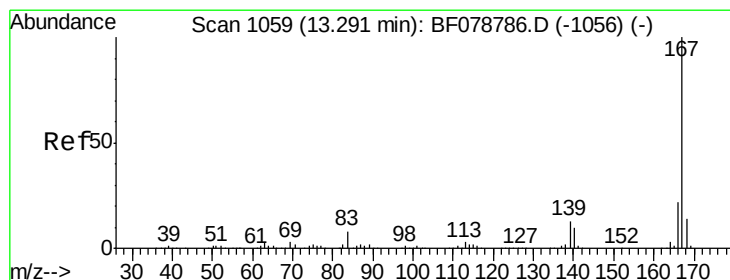
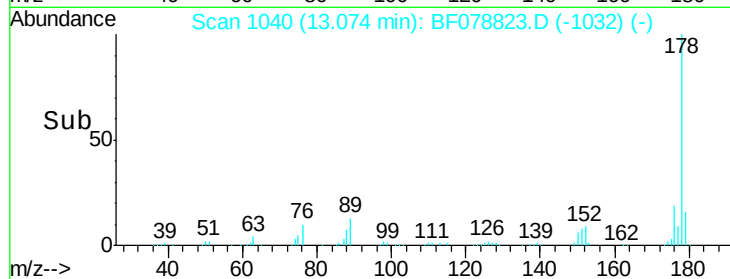
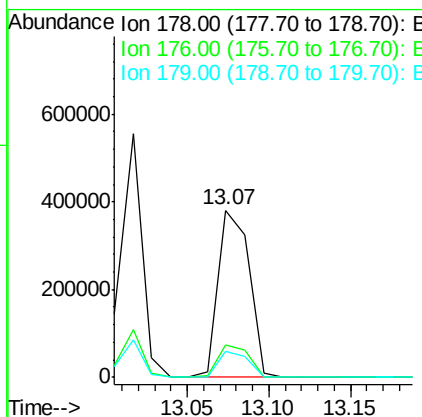
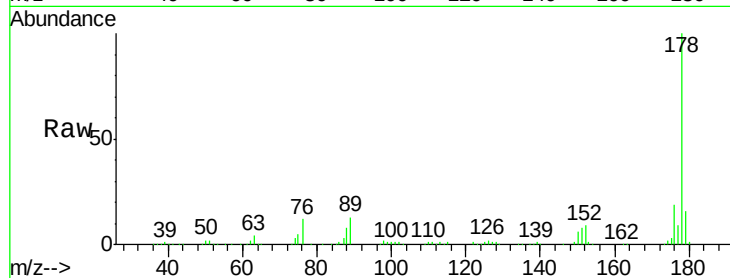




#71
 Anthracene
 Concen: 37.82 ng
 RT: 13.07 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

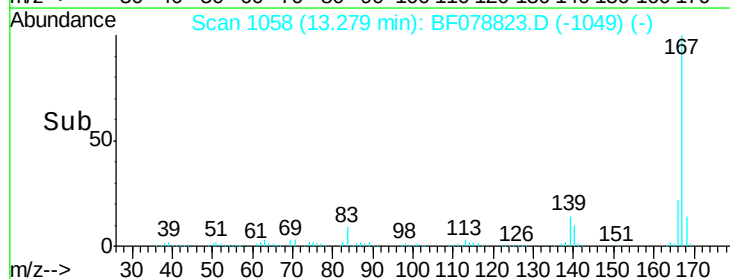
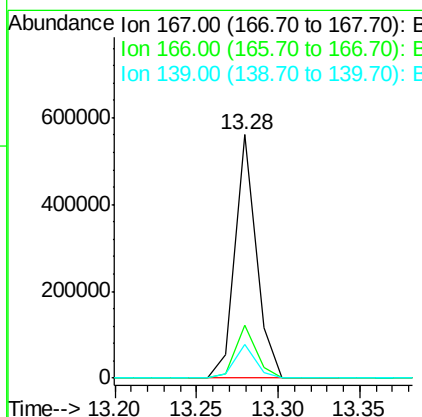
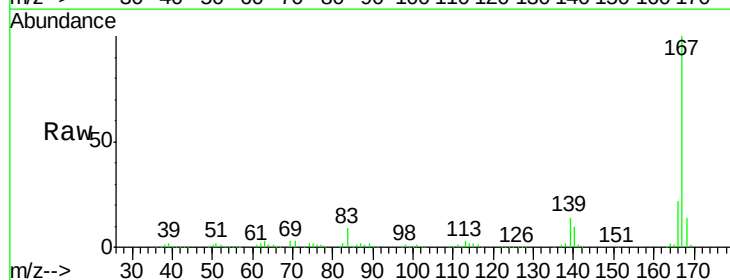
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

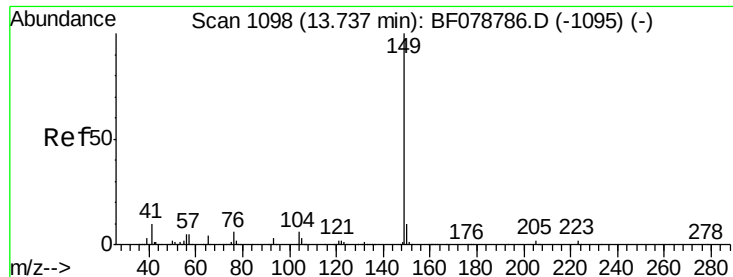
Tot Ion:178 Resp: 499458
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 40.43 ng
 RT: 13.28 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion:167 Resp: 504162
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.7 10.6 16.0

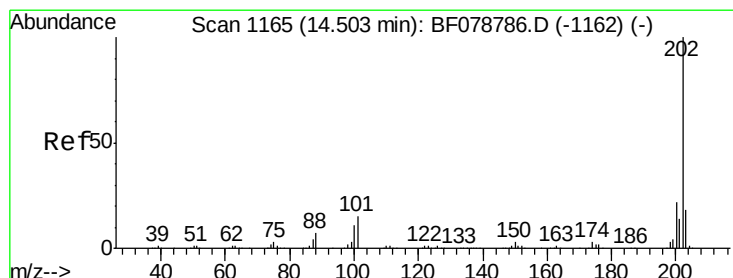
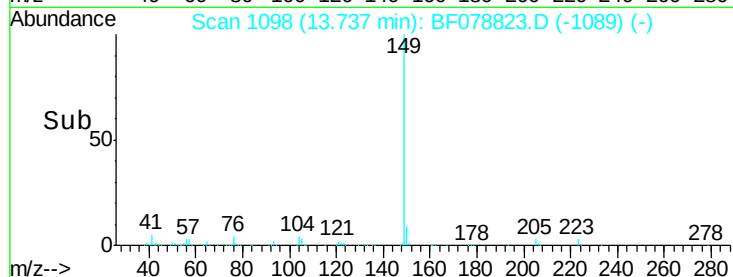
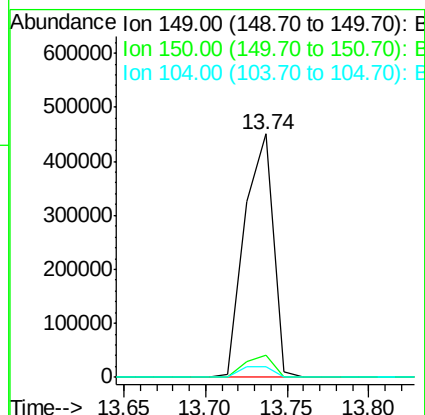
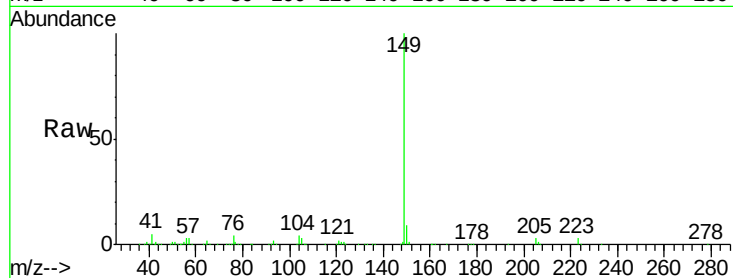




#73
Di-n-butylphthalate
Concen: 37.73 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

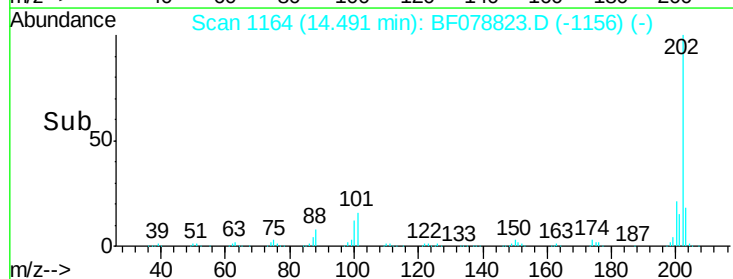
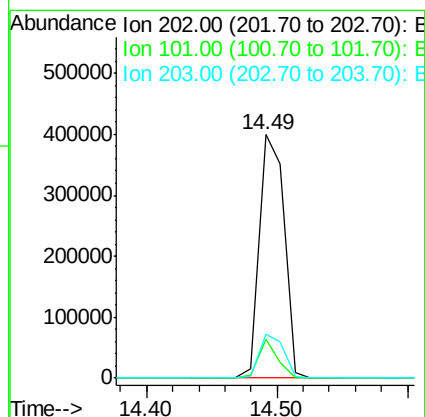
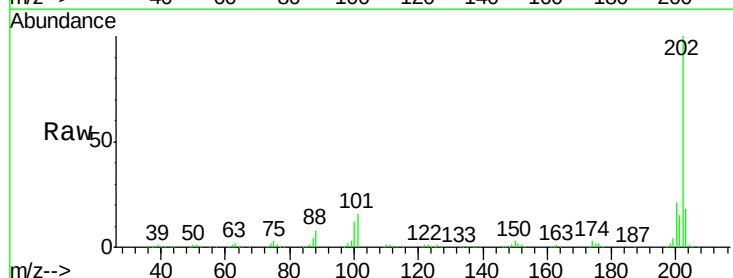
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MS

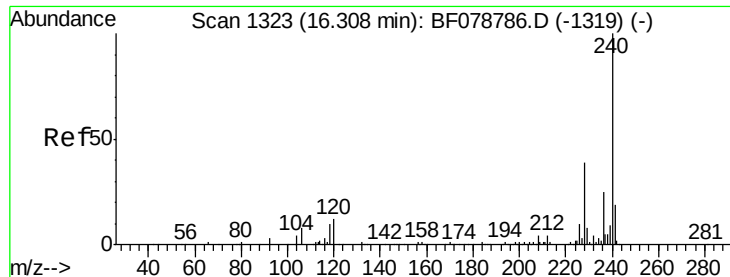
Tot Ion:149 Resp: 545026
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.3 4.6 7.0#



#74
Fluoranthene
Concen: 39.78 ng
RT: 14.49 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Tgt Ion:202 Resp: 535822
Ion Ratio Lower Upper
202 100
101 16.0 0.0 34.6
203 18.3 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

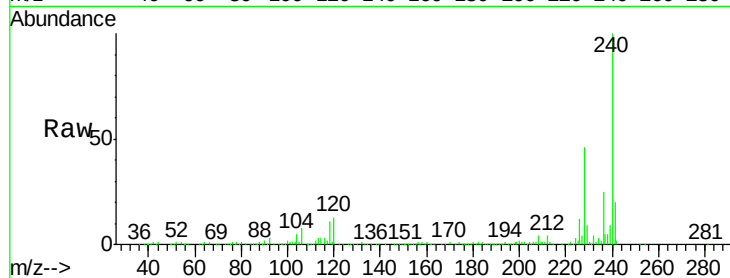
Tot Ion:240 Resp: 263979

Ion Ratio Lower Upper

240 100

120 12.5 9.7 14.5

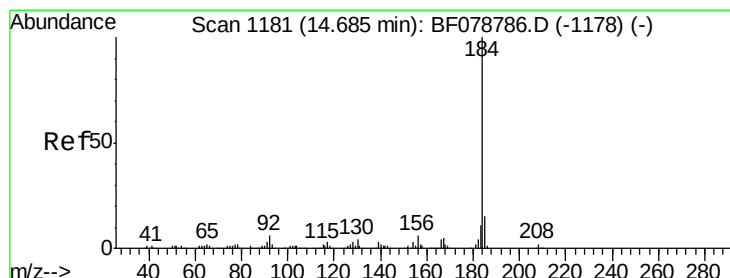
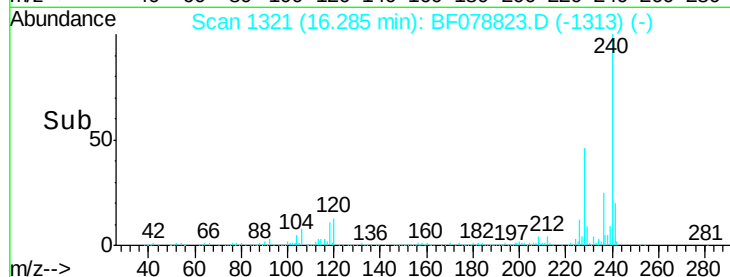
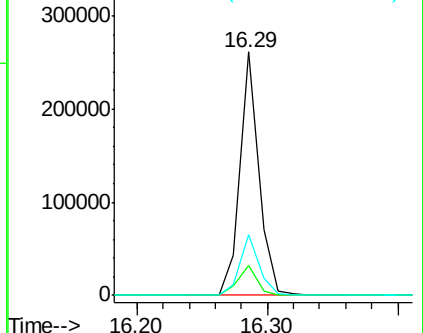
236 25.1 20.2 30.4



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: 19.08 ng

RT: 14.67 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

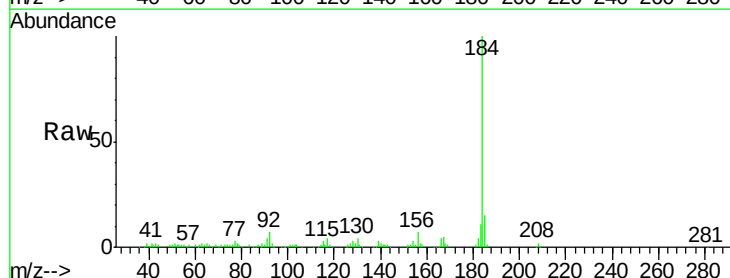
Tgt Ion:184 Resp: 163065

Ion Ratio Lower Upper

184 100

185 14.9 12.3 18.5

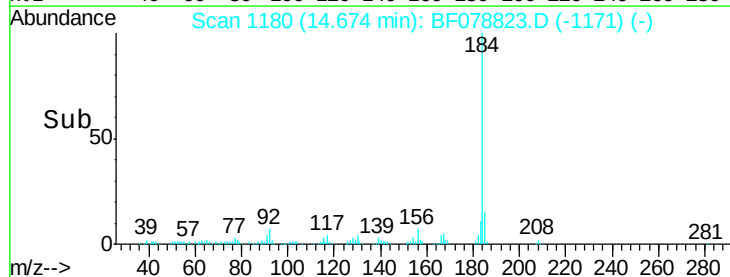
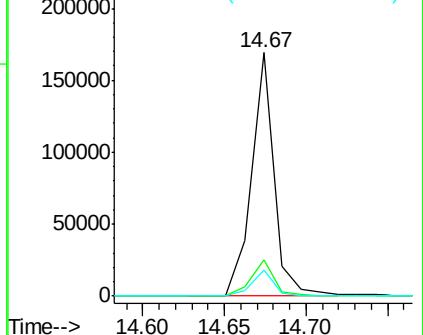
183 10.8 8.4 12.6

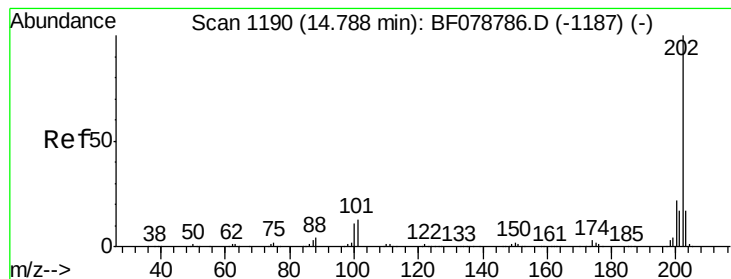


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.68 ng

RT: 14.78 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

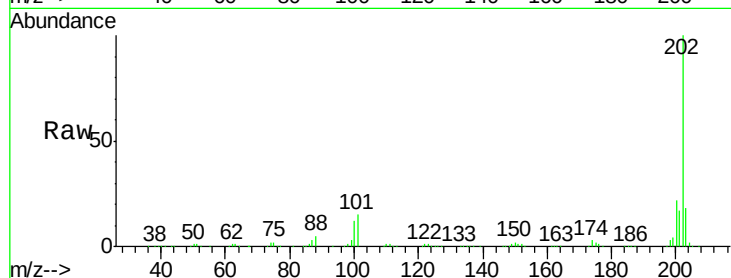
Tot Ion:202 Resp: 565758

Ion Ratio Lower Upper

202 100

200 21.8 17.5 26.3

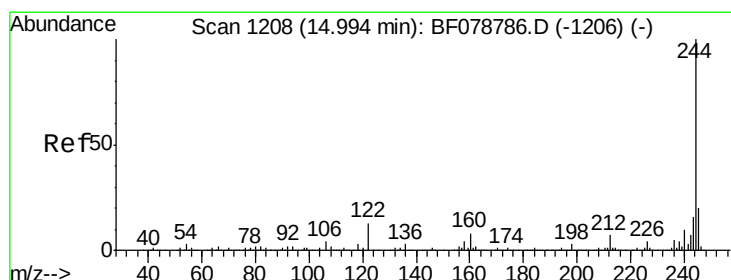
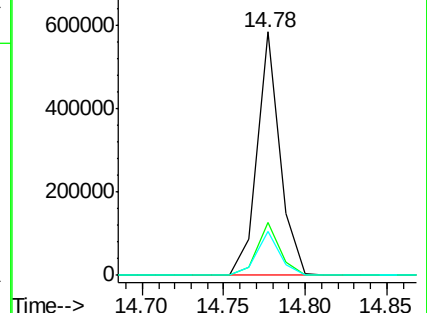
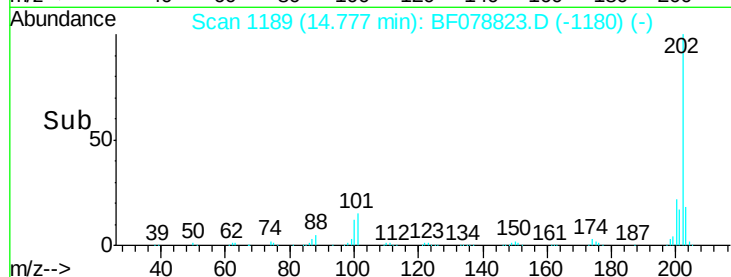
203 18.0 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.43 ng

RT: 14.98 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

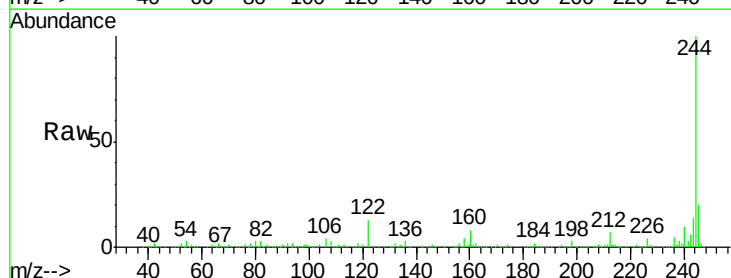
Tgt Ion:244 Resp: 736387

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

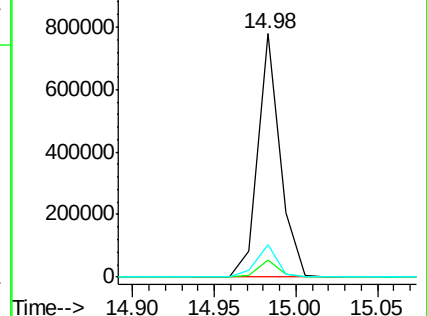
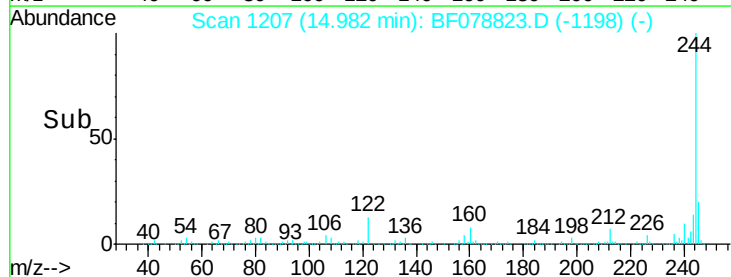
122 13.1 10.3 15.5

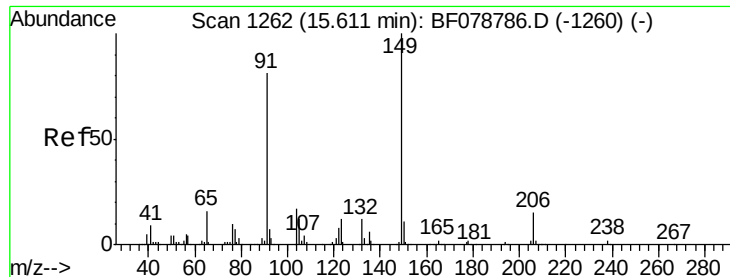


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

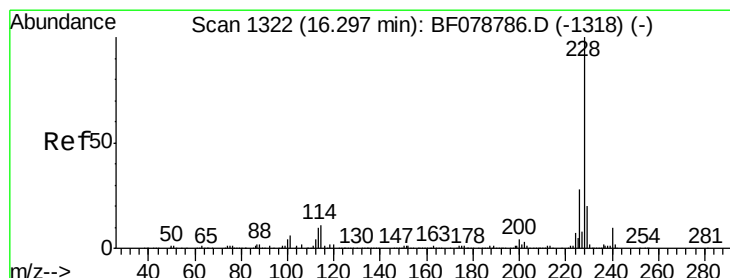
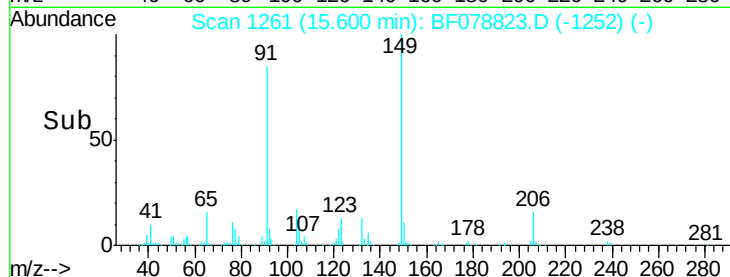
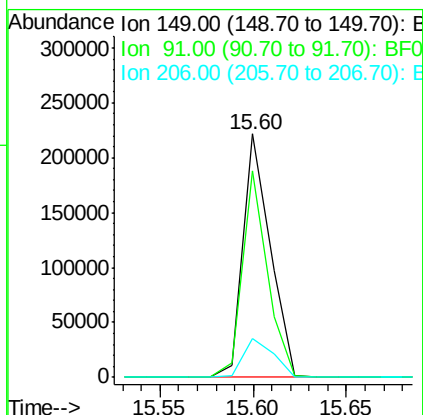
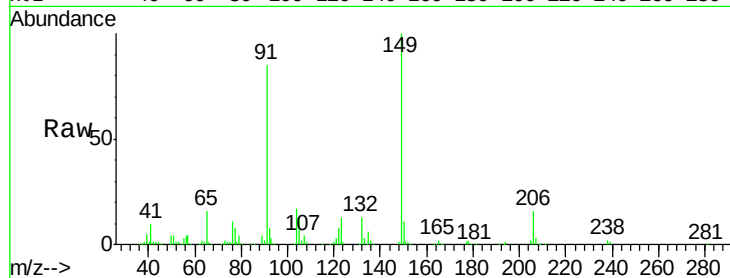




#79
Butylbenzylphthalate
Concen: 38.48 ng
RT: 15.60 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

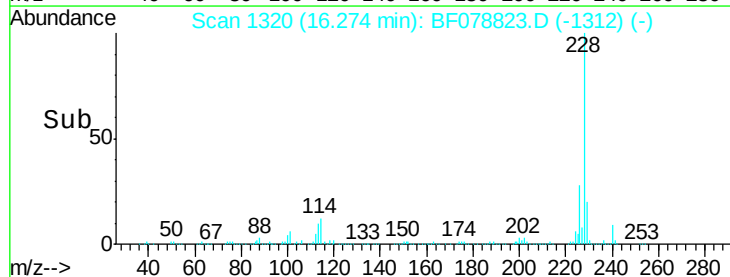
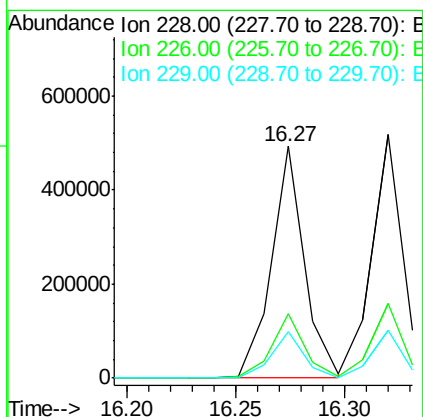
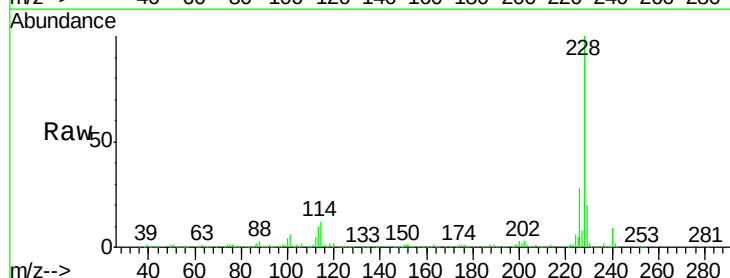
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MS

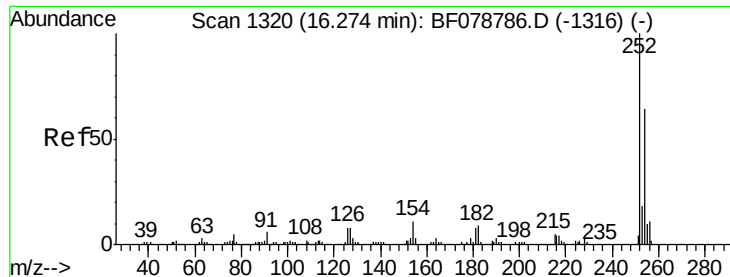
Tot Ion:149 Resp: 227598
Ion Ratio Lower Upper
149 100
91 84.8 64.6 97.0
206 15.8 12.2 18.4



#80
Benzo(a)anthracene
Concen: 36.95 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Tgt Ion:228 Resp: 523273
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.9 15.9 23.9

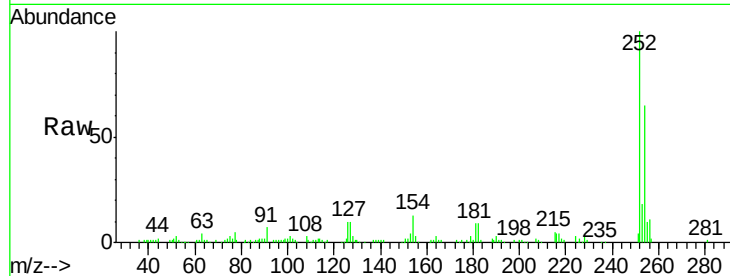




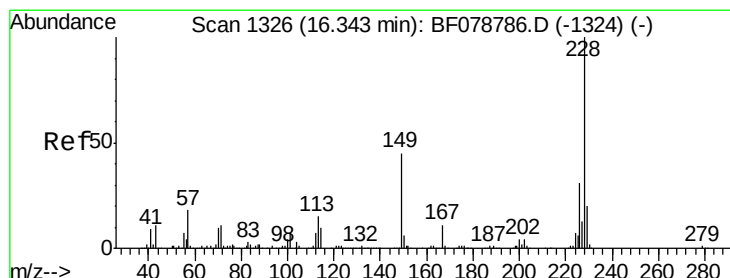
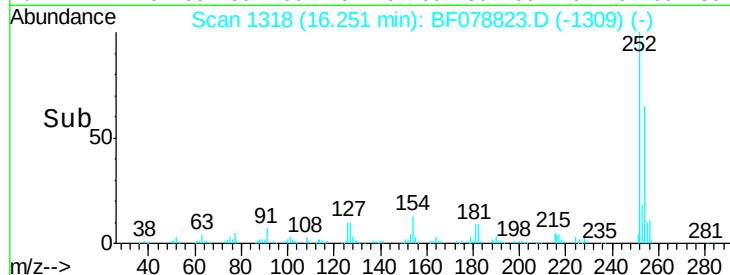
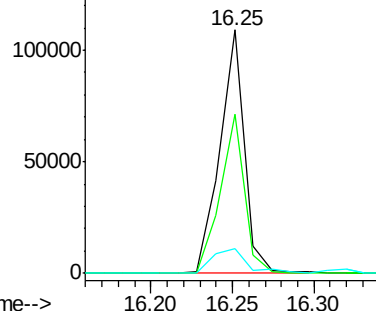
#81
 3,3'-Dichlorobenzidine
 Concen: 23.70 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.3	76.9
126	10.2	6.6	10.0

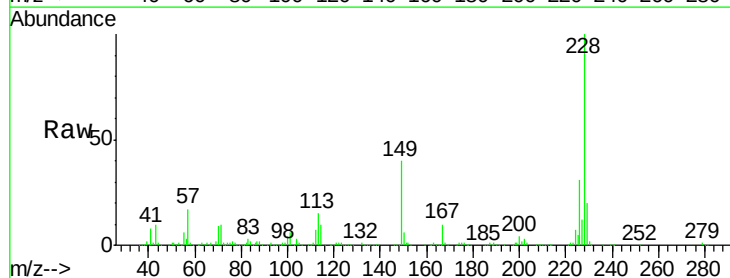


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

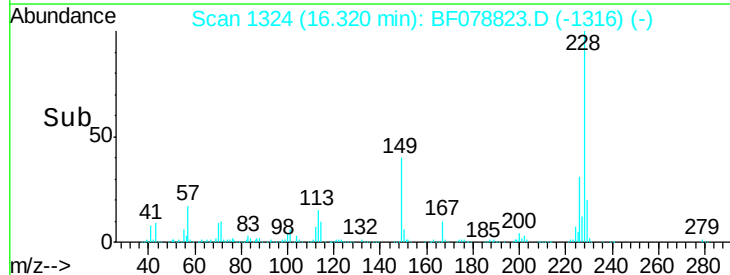
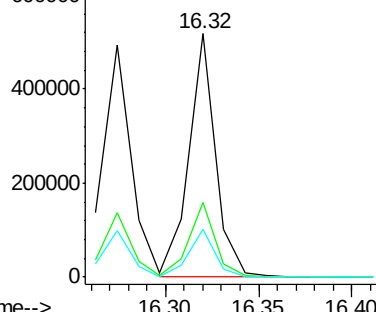


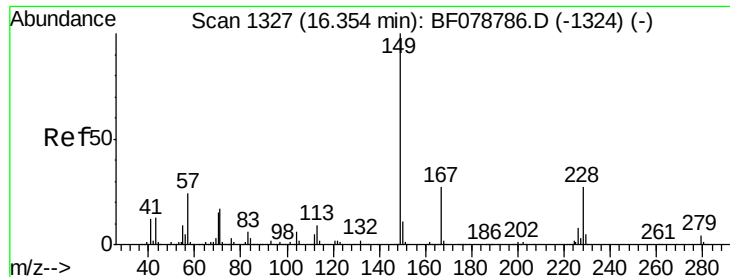
#82
 Chrysene
 Concen: 37.16 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.6	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

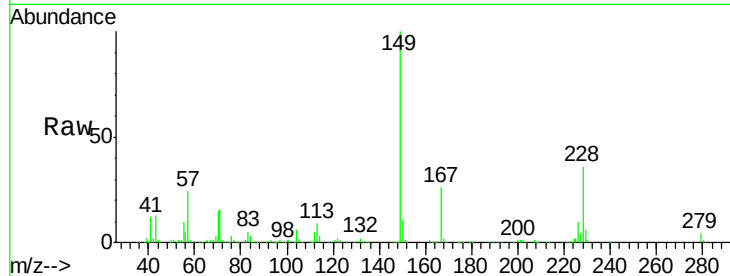




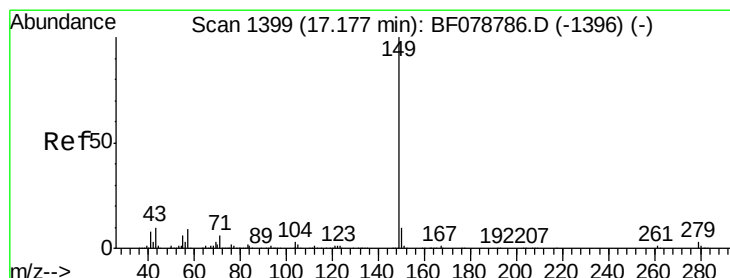
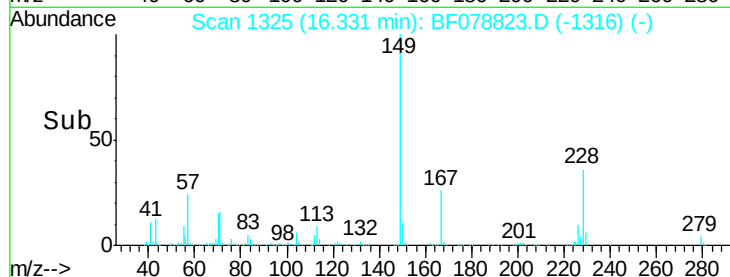
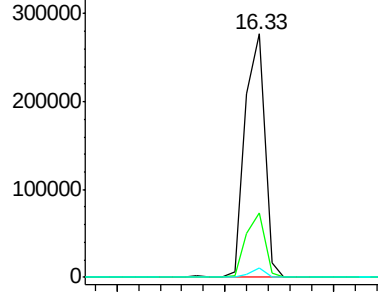
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.15 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	4.0	2.9	4.3

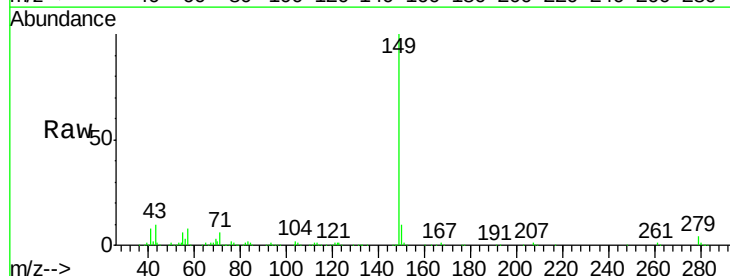


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

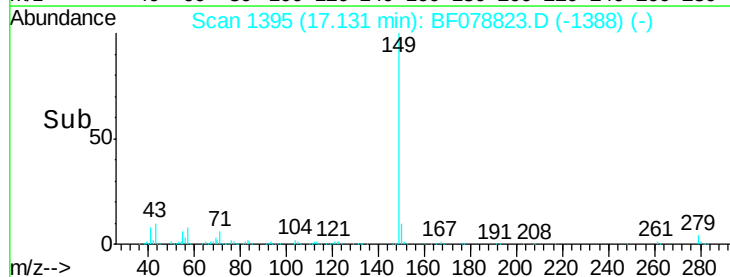
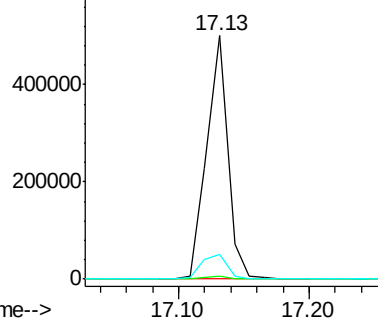


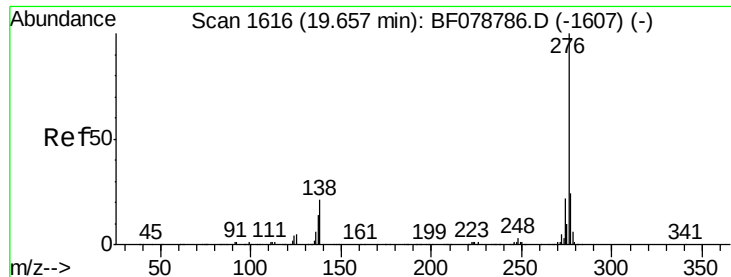
#84
 Di-n-octyl phthalate
 Concen: 38.13 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	0.0	0.0#
43	11.7	0.0	0.0#



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

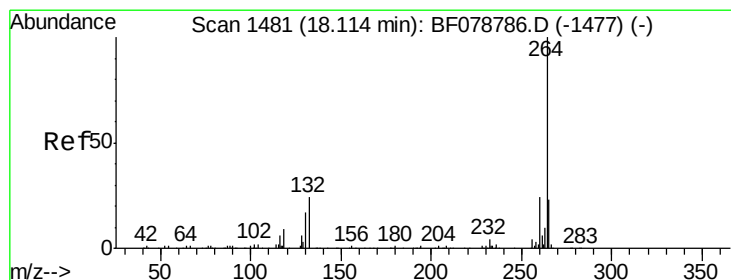
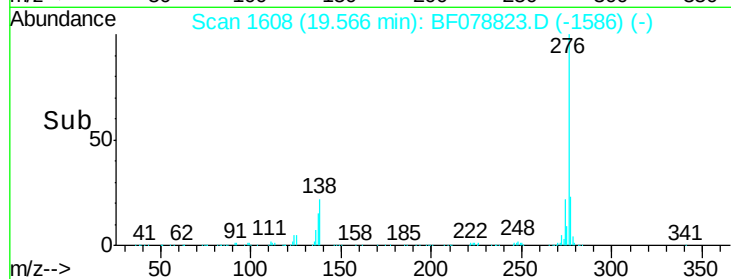
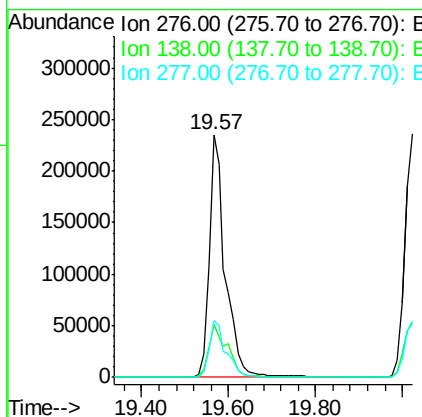
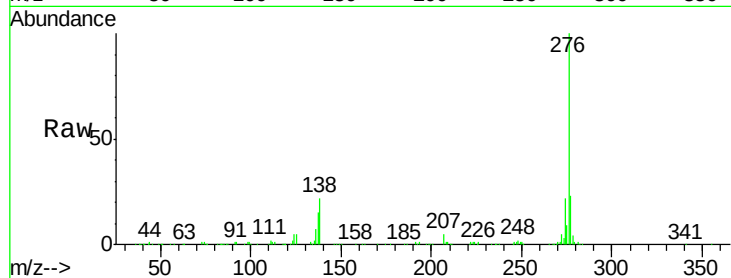




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.66 ng
 RT: 19.57 min Scan# 1608
 Delta R.T. -0.05 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

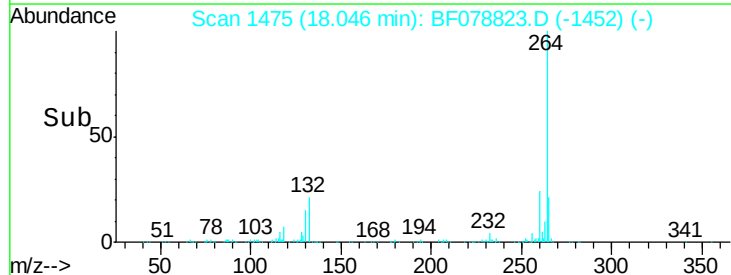
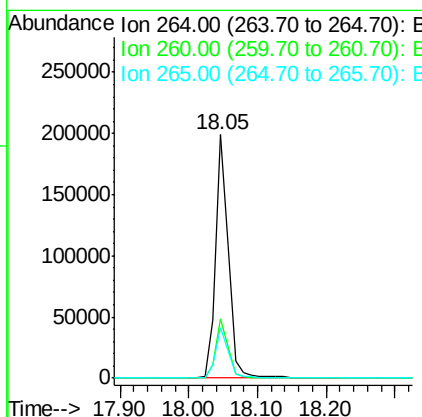
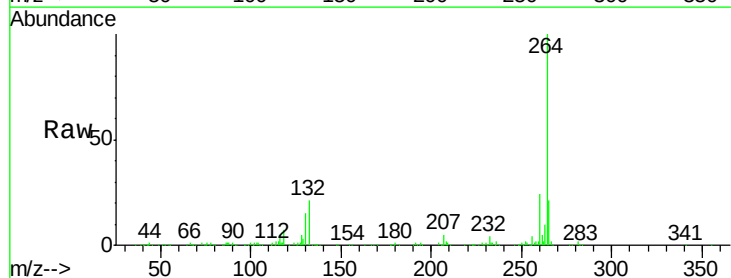
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MS

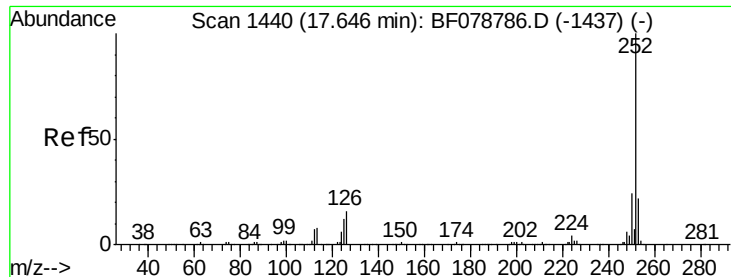
Tot Ion:276 Resp: 605563
 Ion Ratio Lower Upper
 276 100
 138 25.4 0.0 0.0#
 277 24.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BF078823.D
 Acq: 29 Apr 2015 19:55

Tgt Ion:264 Resp: 262892
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 20.9 18.3 27.5

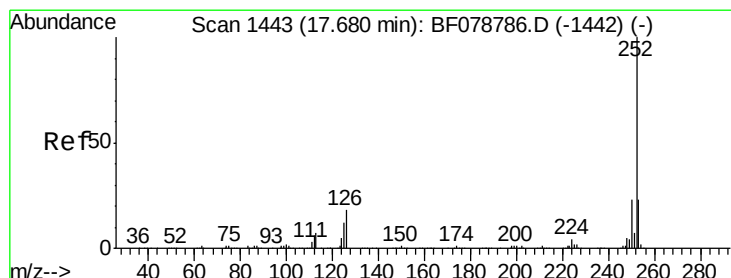
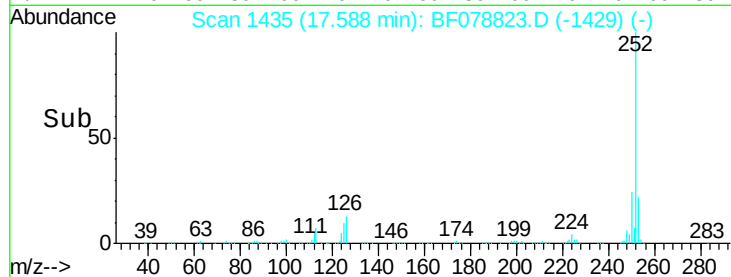
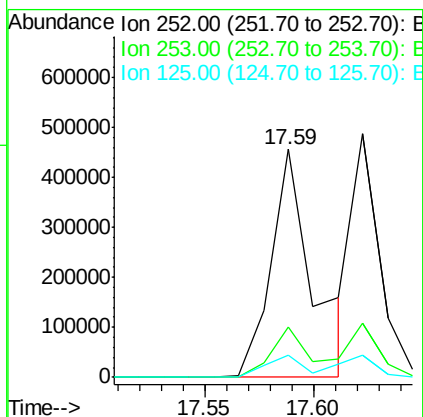
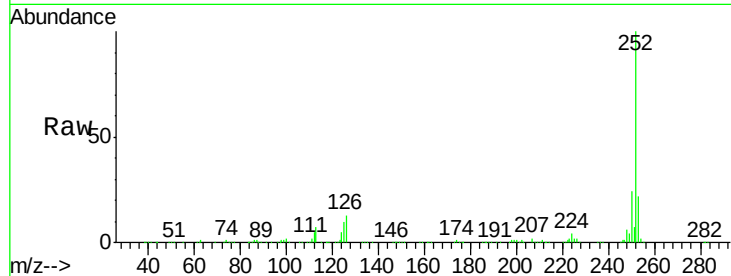




#87
Benzo(b)fluoranthene
Concen: 43.20 ng
RT: 17.59 min Scan# 1435
Delta R.T. -0.03 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

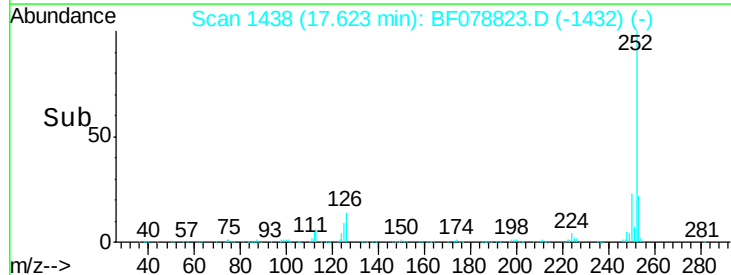
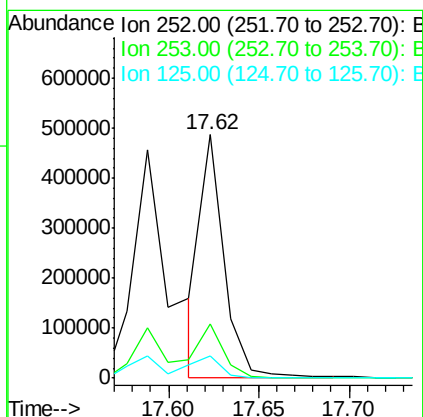
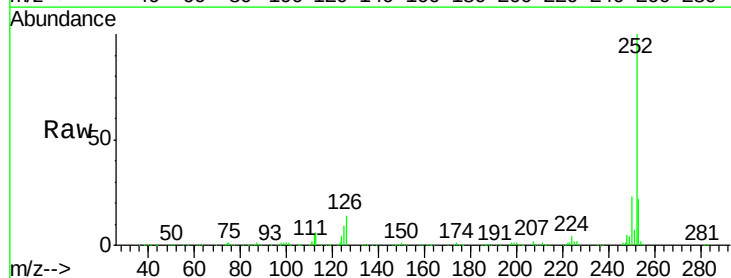
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MS

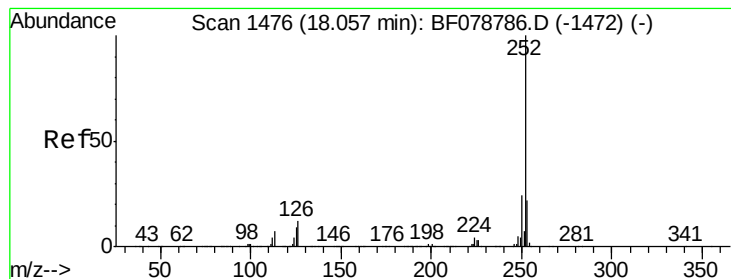
Tot Ion:252 Resp: 614782
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.8 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 31.92 ng m
RT: 17.62 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF078823.D
Acq: 29 Apr 2015 19:55

Tgt Ion:252 Resp: 440194
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 9.1 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 38.46 ng

RT: 17.98 min Scan# 1469

Delta R.T. -0.03 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

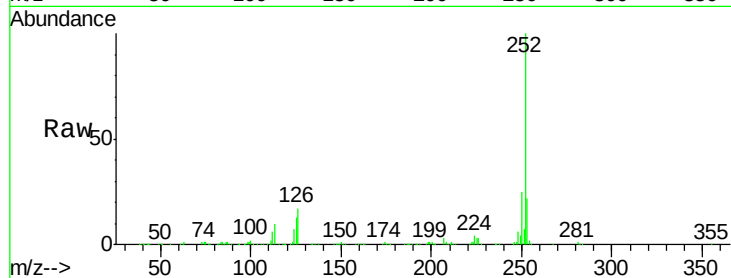
Tot Ion:252 Resp: 489666

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

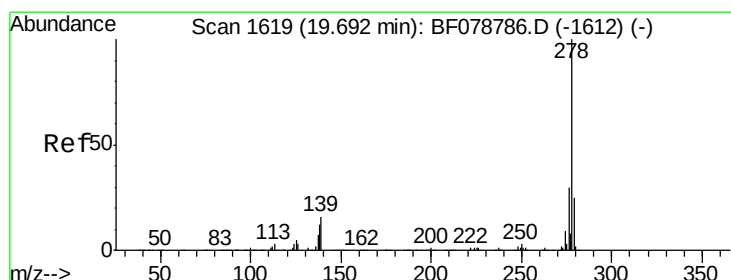
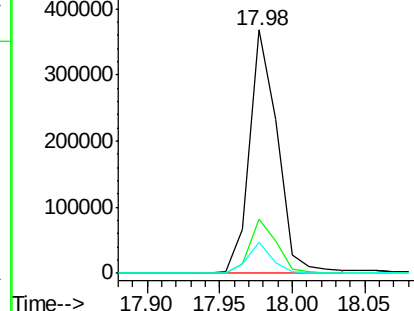
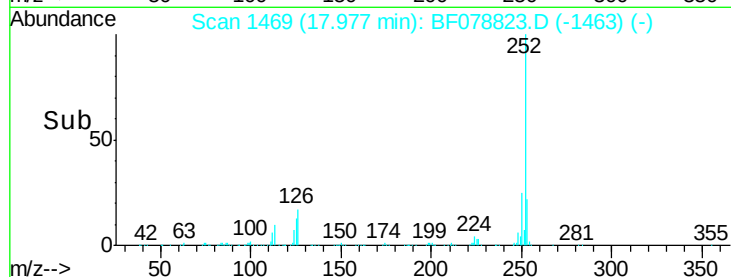
125 12.9 7.0 10.6#



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: 36.24 ng

RT: 19.60 min Scan# 1611

Delta R.T. -0.05 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

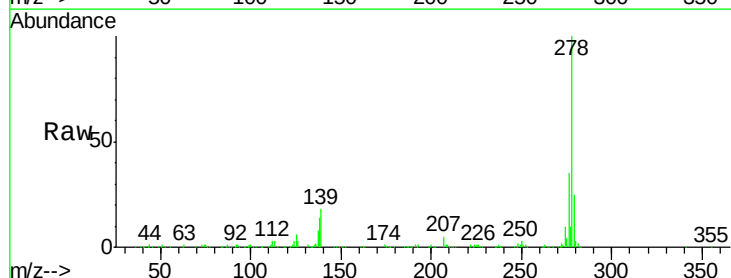
Tgt Ion:278 Resp: 477858

Ion Ratio Lower Upper

278 100

139 18.5 12.8 19.2

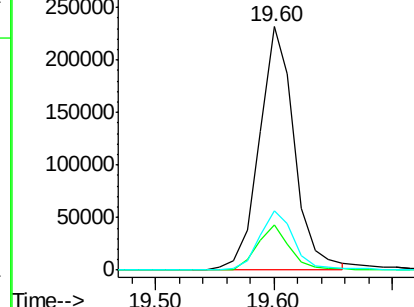
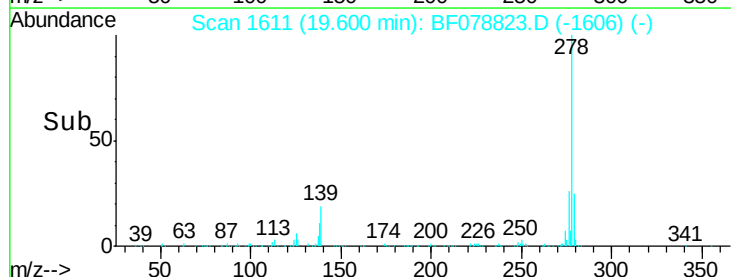
279 24.6 19.6 29.4

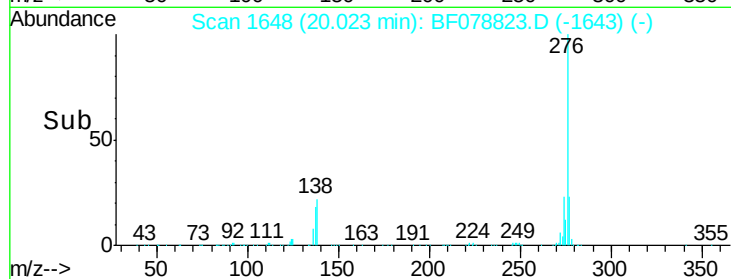
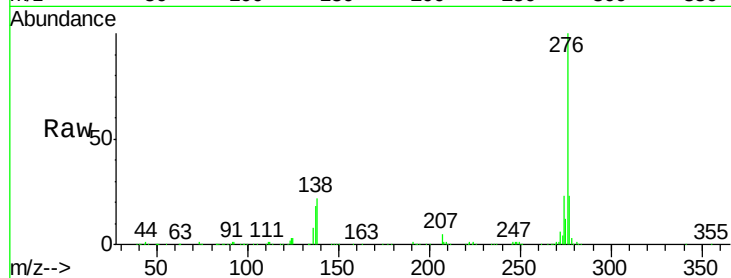
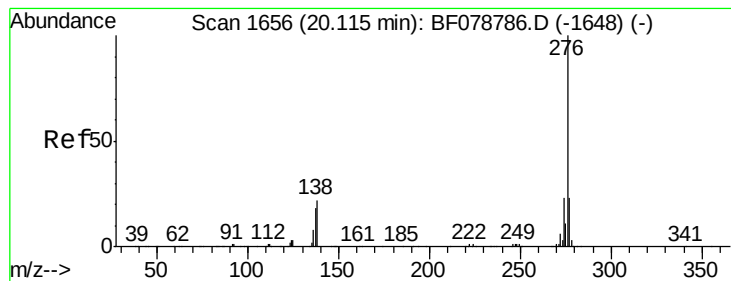


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.64 ng

RT: 20.02 min Scan# 1648

Delta R.T. -0.05 min

Lab File: BF078823.D

Acq: 29 Apr 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MS

Tot Ion: 276 Resp: 498136

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 22.2 17.4 26.0

