

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078824.D
 Acq On : 29 Apr 2015 20:23
 Operator : TP/IZ
 Sample : G2003-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 30 01:54:38 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	67086	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	292436	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	137270	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	264305	20.00	ng	0.00
75) Chrysene-d12	16.29	240	276445	20.00	ng	-0.01
86) Perylene-d12	18.01	264	282287	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	517428	141.66	ng	0.00
7) Phenol-d6	6.92	99	660784	135.46	ng	0.00
23) Nitrobenzene-d5	8.07	82	355157	87.44	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	185880	135.95	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	787701	78.58	ng	0.00
78) Terphenyl-d14	14.98	244	882975	76.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	63287	37.77	ng	# 14
3) Pyridine	3.14	79	163670	33.07	ng	94
4) n-Nitrosodimethylamine	3.05	42	87533m	39.37	ng	
6) Aniline	6.97	93	115434	16.20	ng	99
8) 2-Chlorophenol	7.11	128	183653	43.74	ng	93
9) Benzaldehyde	6.83	77	15936	4.53	ng	99
10) Phenol	6.95	94	260789	45.23	ng	90
11) bis(2-Chloroethyl)ether	7.07	93	178875	41.95	ng	88
12) 1,3-Dichlorobenzene	7.30	146	194486	39.90	ng	98
13) 1,4-Dichlorobenzene	7.40	146	202211	40.52	ng	97
14) 1,2-Dichlorobenzene	7.59	146	200385	42.97	ng	97
15) Benzyl Alcohol	7.55	79	154349	42.46	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.74	45	279228	41.89	ng	99
17) 2-Methylphenol	7.69	107	150139	44.18	ng	95
18) Hexachloroethane	8.01	117	68206	41.37	ng	94
19) n-Nitroso-di-n-propylamine	7.90	70	145151	42.64	ng	# 87
20) 3+4-Methylphenols	7.88	107	198041	44.73	ng	93
22) Acetophenone	7.88	105	272417	42.05	ng	# 92
24) Nitrobenzene	8.09	77	187728	43.16	ng	96
25) Isophorone	8.40	82	357774	38.96	ng	# 91
26) 2-Nitrophenol	8.49	139	71107	55.48	ng	92
27) 2,4-Dimethylphenol	8.55	122	155320	38.13	ng	95
28) bis(2-Chloroethoxy)methane	8.67	93	238869	42.13	ng	99
29) 2,4-Dichlorophenol	8.78	162	149897	43.05	ng	94
30) 1,2,4-Trichlorobenzene	8.89	180	157791	39.46	ng	97
31) Naphthalene	8.98	128	530976	38.26	ng	100
32) Benzoic acid	8.59	122	19807	16.02	ng	94
33) 4-Chloroaniline	9.05	127	89561	15.33	ng	96
34) Hexachlorobutadiene	9.14	225	87062	38.59	ng	98
35) Caprolactam	9.47	113	45560	41.10	ng	98
36) 4-Chloro-3-methylphenol	9.66	107	162812	44.54	ng	90
37) 2-Methylnaphthalene	9.85	142	382421	40.95	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	149204	38.36	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	150302	91.93	ng	94

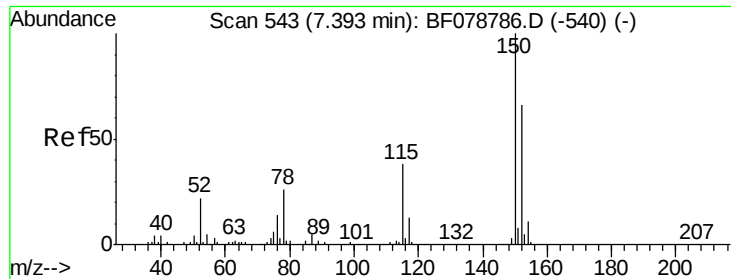
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	106700	45.02	nq	95
43) 2,4,5-Trichlorophenol	10.24	196	105797	41.94	nq #	90
45) 1,1'-Biphenyl	10.43	154	445491	40.44	nq	95
46) 2-Chloronaphthalene	10.44	162	333012	38.68	nq	97
47) 2-Nitroaniline	10.57	65	91391	48.60	nq	87
48) Acenaphthylene	10.96	152	551194	39.13	nq	99
49) Dimethylphthalate	10.81	163	429659	44.03	nq	99
50) 2,6-Dinitrotoluene	10.88	165	72101	45.35	nq #	78
51) Acenaphthene	11.18	154	329706	39.85	nq	100
52) 3-Nitroaniline	11.08	138	63222	30.65	nq	88
53) 2,4-Dinitrophenol	11.21	184	16234	66.37	nq #	73
54) Dibenzofuran	11.39	168	495906	40.86	nq	97
55) 4-Nitrophenol	11.28	139	143268	86.02	nq #	69
56) 2,4-Dinitrotoluene	11.38	165	103873	52.66	nq #	69
57) Fluorene	11.82	166	394026	40.61	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	87949	46.56	nq #	100
59) Diethylphthalate	11.69	149	400827	41.28	nq	96
60) 4-Chlorophenyl-phenylether	11.83	204	177373	41.09	nq	95
61) 4-Nitroaniline	11.84	138	88644	42.53	nq	97
62) Azobenzene	12.02	77	471303	47.60	nq	96
64) 4,6-Dinitro-2-methylphenol	11.87	198	24017	53.17	nq #	69
65) n-Nitrosodiphenylamine	11.98	169	348434	40.78	nq	99
66) 4-Bromophenyl-phenylether	12.43	248	108511	40.67	nq	92
67) Hexachlorobenzene	12.49	284	121059	40.06	nq #	90
68) Atrazine	12.64	200	103785	45.35	nq	98
69) Pentachlorophenol	12.74	266	130416	82.05	nq	98
70) Phenanthrene	13.02	178	580888	40.59	nq	99
71) Anthracene	13.07	178	573244	40.97	nq	100
72) Carbazole	13.28	167	587692	44.48	nq	99
73) Di-n-butylphthalate	13.74	149	634447	41.45	nq #	97
74) Fluoranthene	14.49	202	613391	42.98	nq	99
76) Benzidine	14.67	184	151195	16.90	nq	98
77) Pyrene	14.78	202	653696	40.47	nq	100
79) Butylbenzylphthalate	15.60	149	274352	44.29	nq	92
80) Benzo(a)anthracene	16.26	228	600929	40.52	nq	99
81) 3,3'-Dichlorobenzidine	16.24	252	133666	26.48	nq #	95
82) Chrysene	16.31	228	587513	40.64	nq	100
83) Bis(2-ethylhexyl)phthalate	16.32	149	422111	42.46	nq	98
84) Di-n-octyl phthalate	17.11	149	680383	43.01	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.52	276	710853	43.34	nq #	100
87) Benzo(b)fluoranthene	17.55	252	668900	43.78	nq	99
88) Benzo(k)fluoranthene	17.59	252	558429m	37.71	nq	
89) Benzo(a)pyrene	17.94	252	578936	42.35	nq	98
90) Dibenzo(a,h)anthracene	19.55	278	568736	40.17	nq	99
91) Benzo(g,h,i)perylene	19.98	276	583340	41.04	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: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

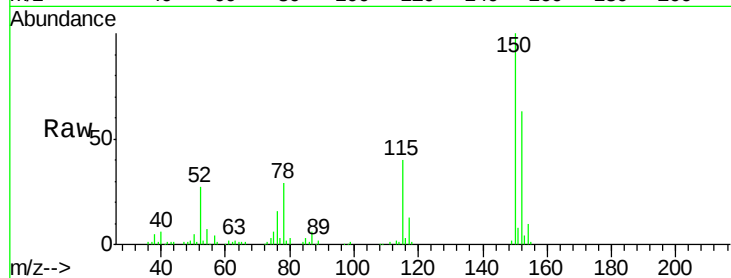
Tot Ion:152 Resp: 67086

Ion Ratio Lower Upper

152 100

150 158.4 122.0 183.0

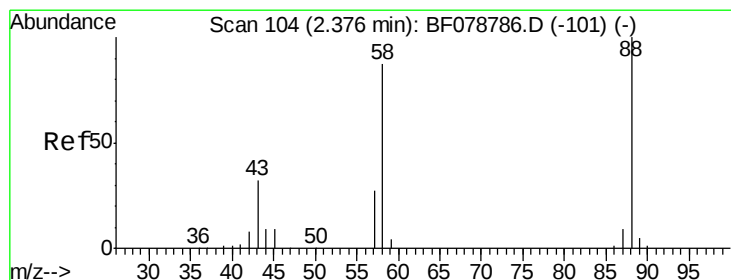
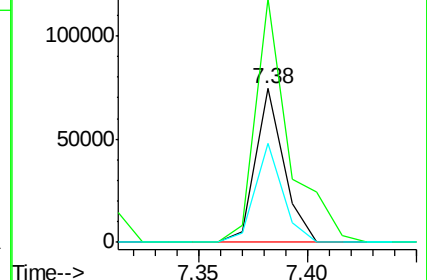
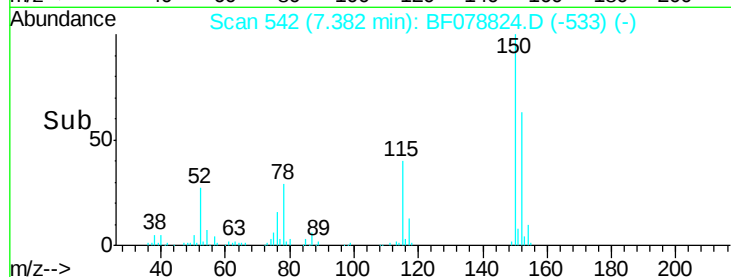
115 64.0 46.3 69.5



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: 37.77 ng

RT: 2.36 min Scan# 103

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

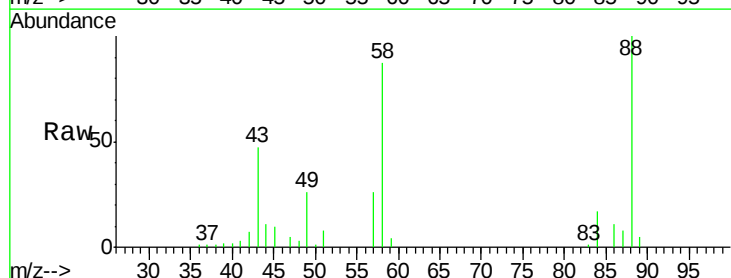
Tgt Ion: 88 Resp: 63287

Ion Ratio Lower Upper

88 100

58 75.5 0.0 0.0#

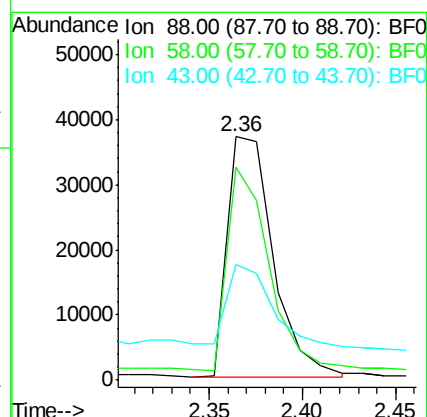
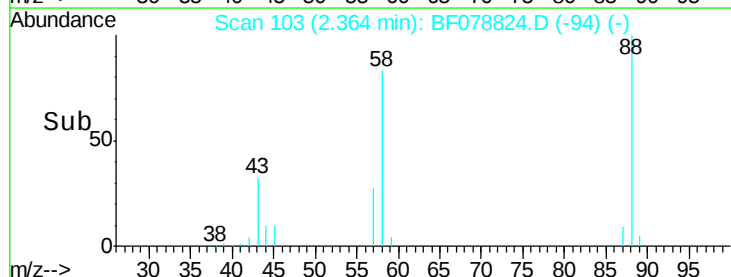
43 32.4 3.3 4.9#

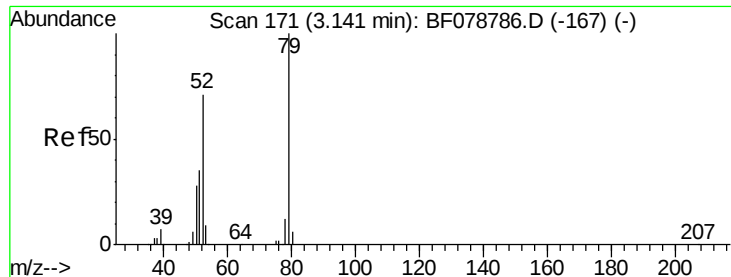


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



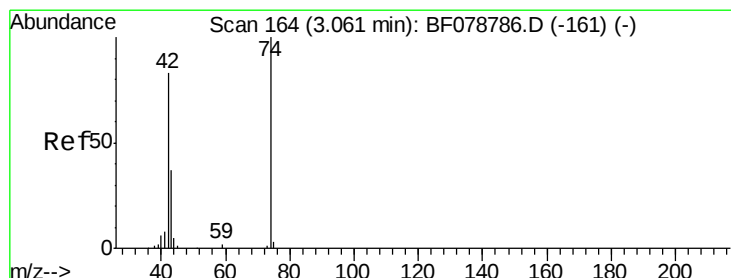
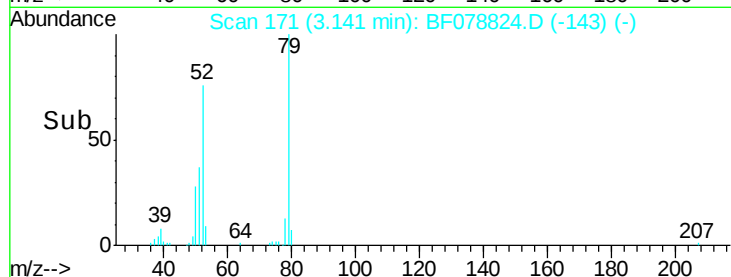
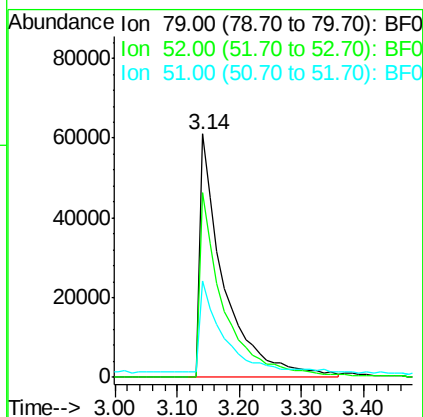
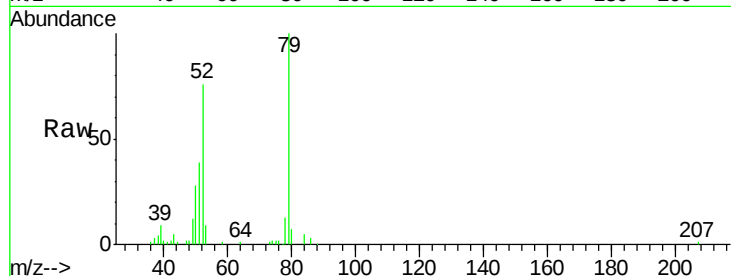


#3
 Pvridine
 Concen: 33.07 ng
 RT: 3.14 min Scan# 171
 Delta R.T. 0.02 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

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

Tot Ion: 79 Resp: 163670

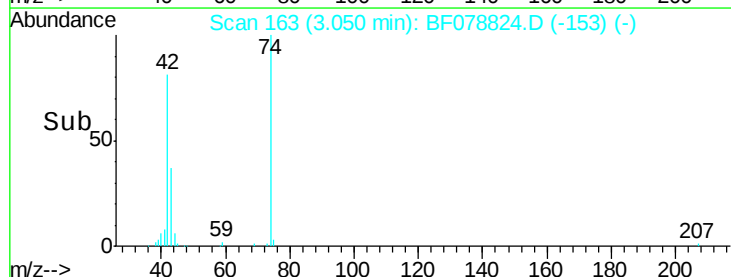
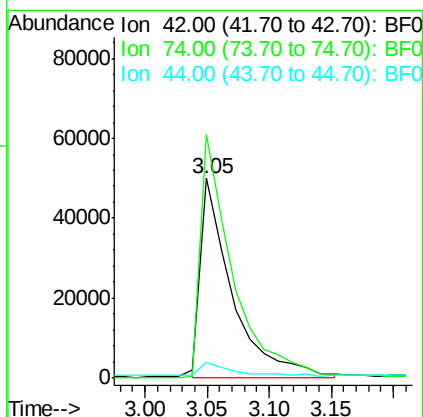
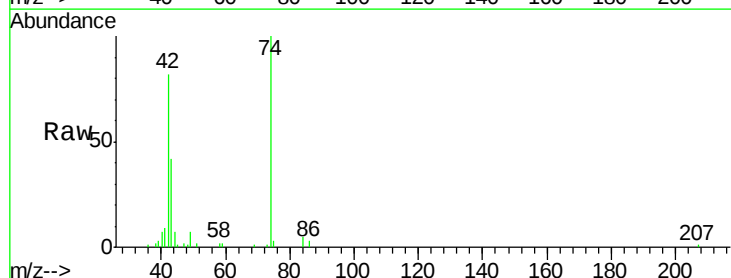
Ion	Ratio	Lower	Upper
79	100		
52	76.1	57.2	85.8
51	39.5	28.9	43.3

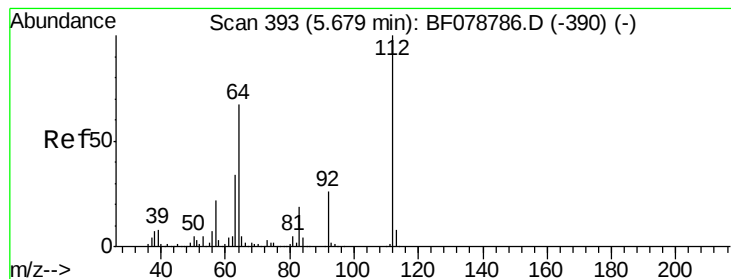


#4
 n-Nitrosodimethylamine
 Concen: 39.37 ng m
 RT: 3.05 min Scan# 163
 Delta R.T. 0.01 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion: 42 Resp: 87533

Ion	Ratio	Lower	Upper
42	100		
74	122.0	96.5	144.7
44	8.2	6.1	9.1





#5

2-Fluorophenol

Concen: 141.66 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

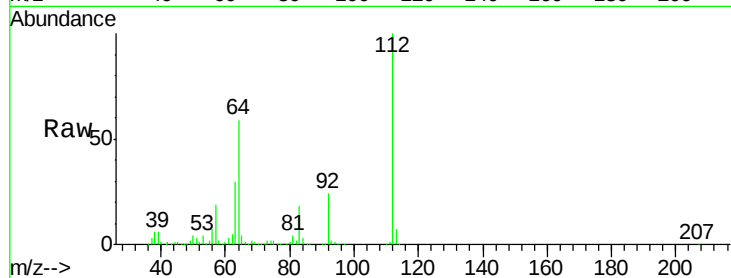
Tot Ion:112 Resp: 517428

Ion Ratio Lower Upper

112 100

64 59.2 53.5 80.3

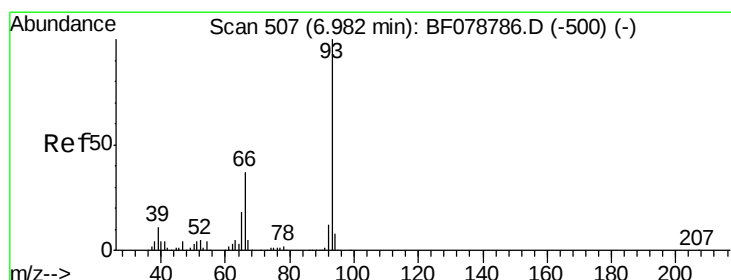
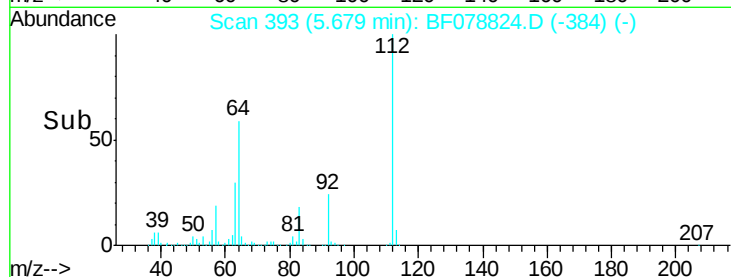
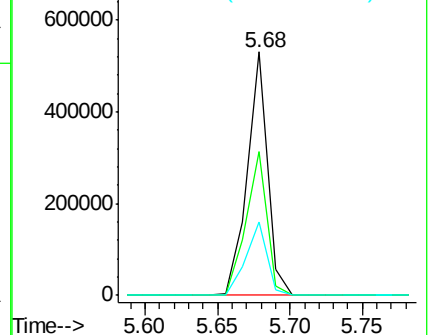
63 30.0 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.20 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

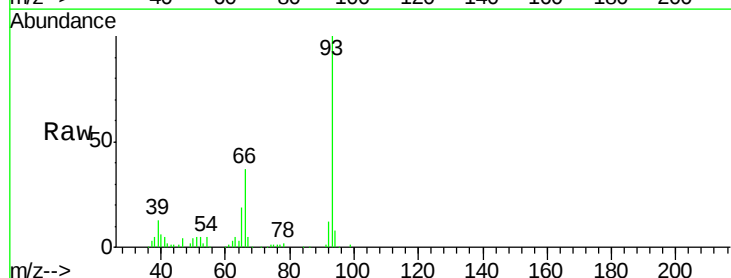
Tgt Ion: 93 Resp: 115434

Ion Ratio Lower Upper

93 100

66 36.6 29.7 44.5

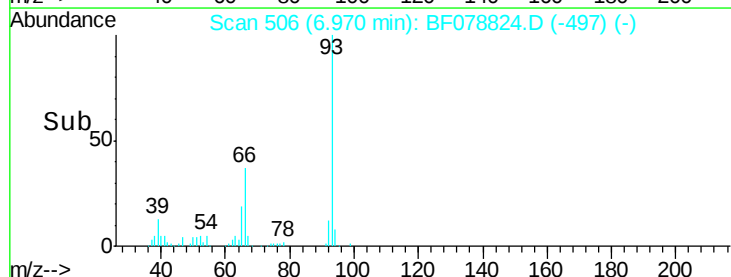
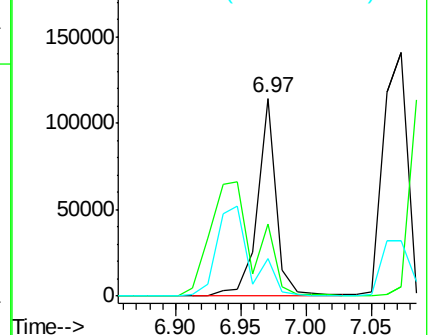
65 19.0 14.6 22.0

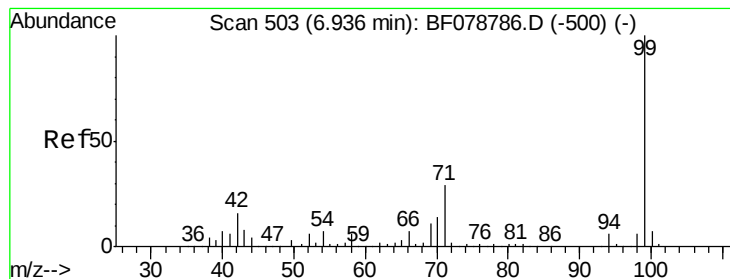


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.46 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078824.D

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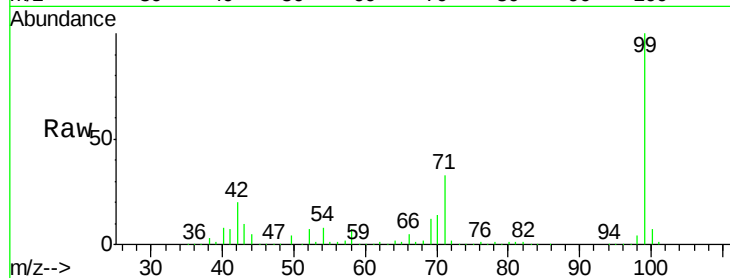
Tot Ion: 99 Resp: 660784

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

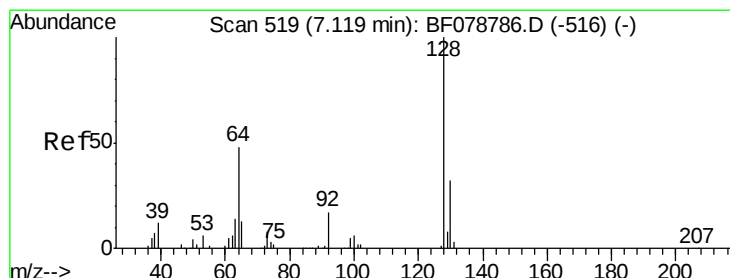
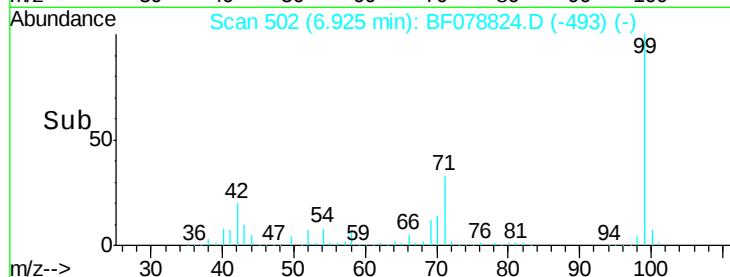
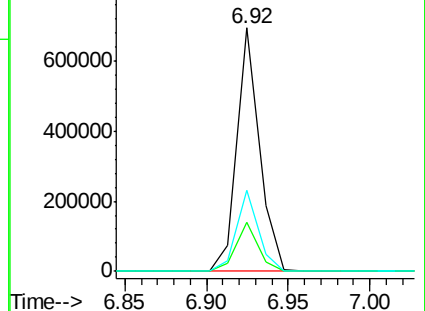
71 33.1 23.4 35.2



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: 43.74 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

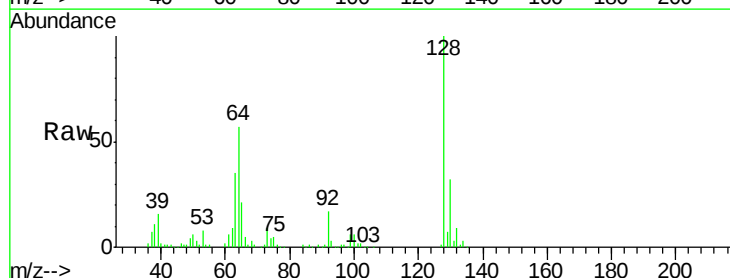
Tgt Ion:128 Resp: 183653

Ion Ratio Lower Upper

128 100

130 32.4 12.1 52.1

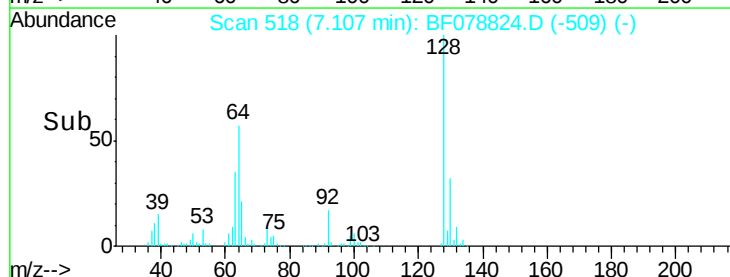
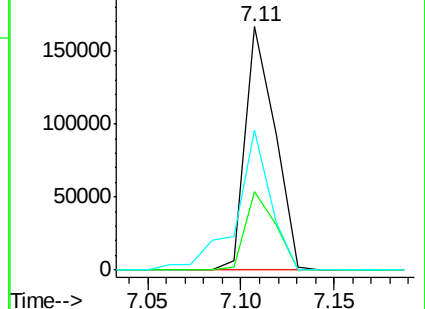
64 57.5 29.6 69.6

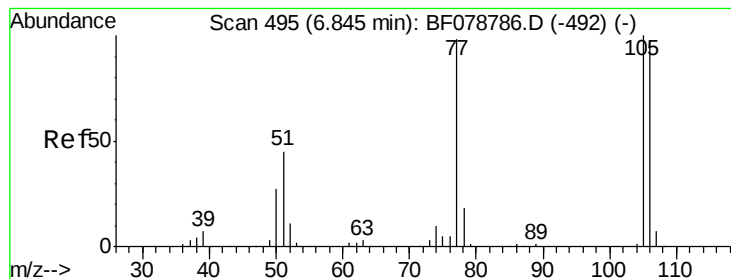


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.53 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

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SB-18(48-50)MSD

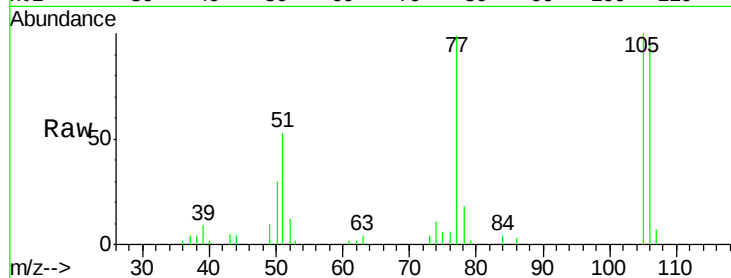
Tot Ion: 77 Resp: 15936

Ion Ratio Lower Upper

77 100

105 101.5 81.7 121.7

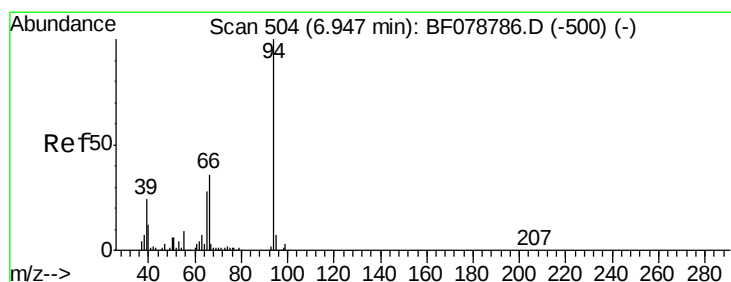
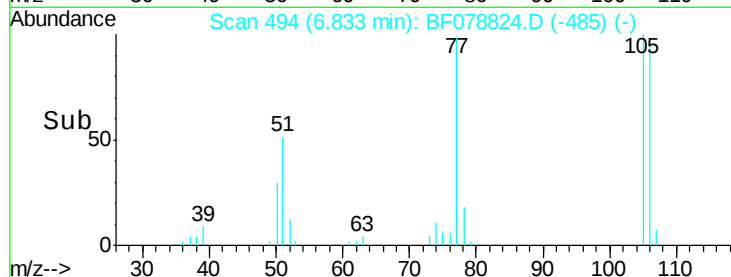
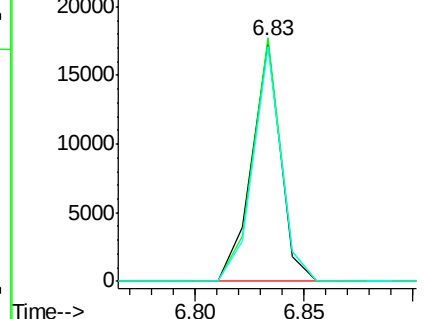
106 97.6 79.0 119.0



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: 45.23 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

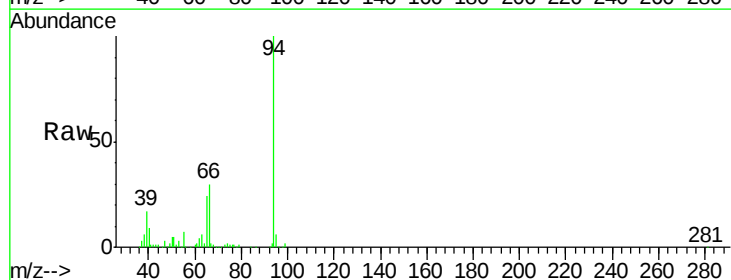
Tgt Ion: 94 Resp: 260789

Ion Ratio Lower Upper

94 100

65 23.8 8.5 48.5

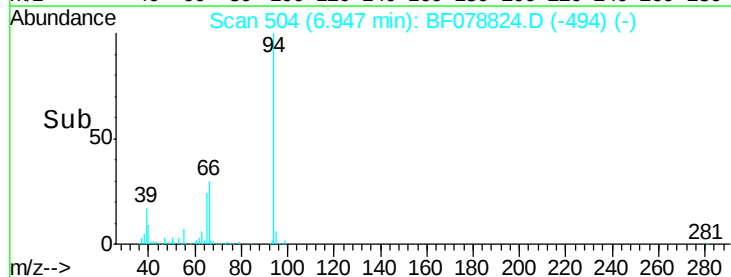
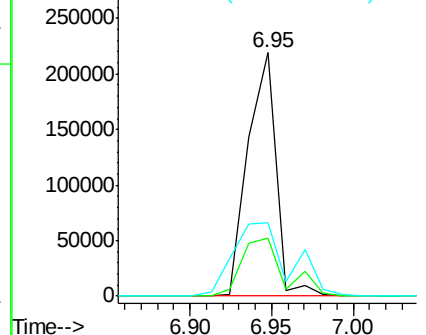
66 30.1 16.0 56.0

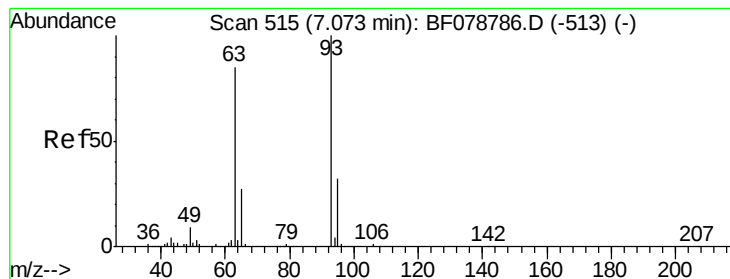


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

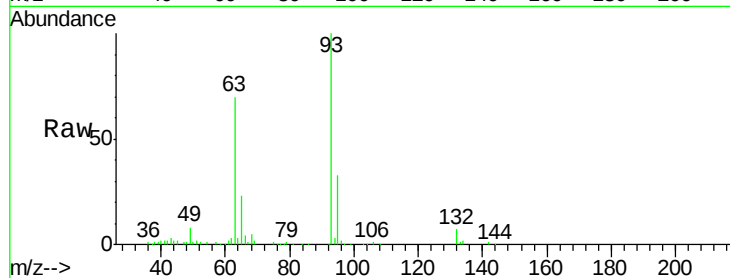




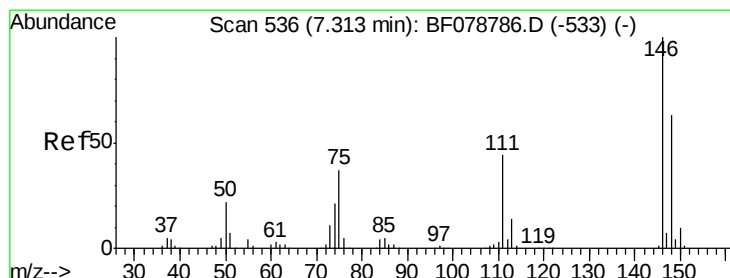
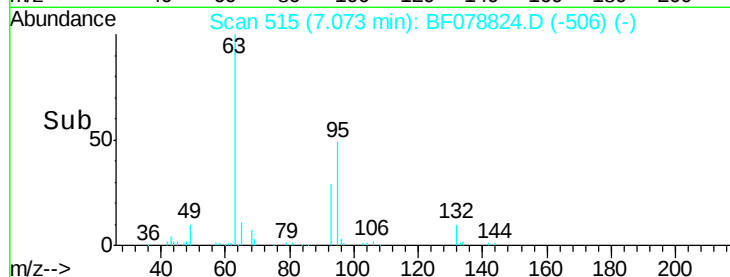
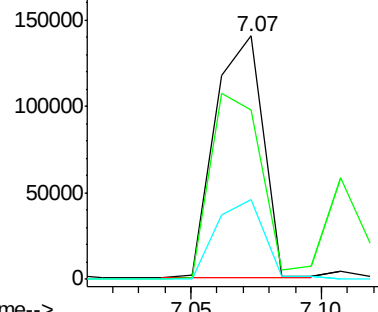
#11
bis(2-Chloroethyl)ether
Concen: 41.95 ng
RT: 7.07 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

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

Tot Ion: 93 Resp: 178875
Ion Ratio Lower Upper
93 100
63 69.8 64.8 104.8
95 32.6 12.4 52.4

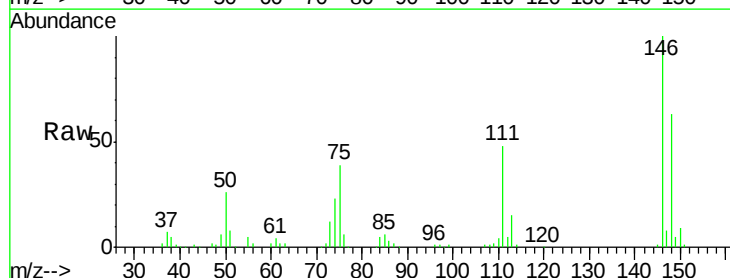


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

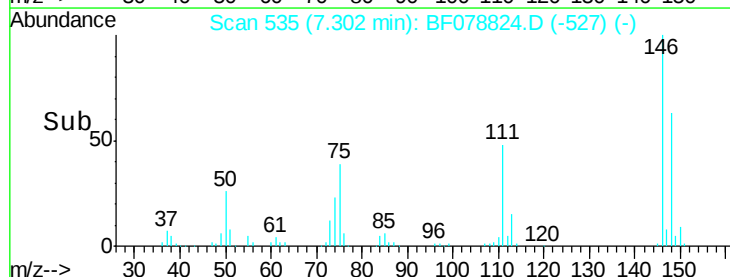
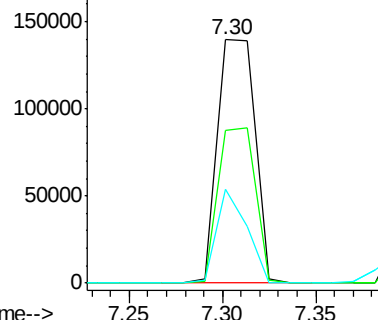


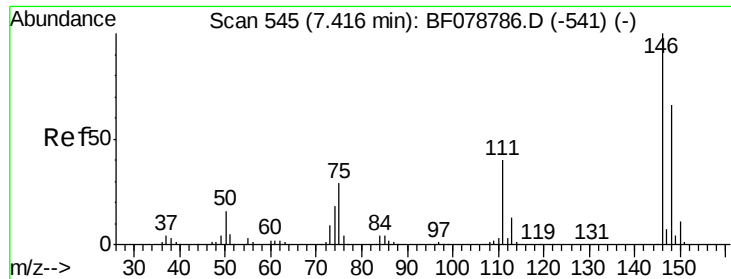
#12
1,3-Dichlorobenzene
Concen: 39.90 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion: 146 Resp: 194486
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
75 38.8 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

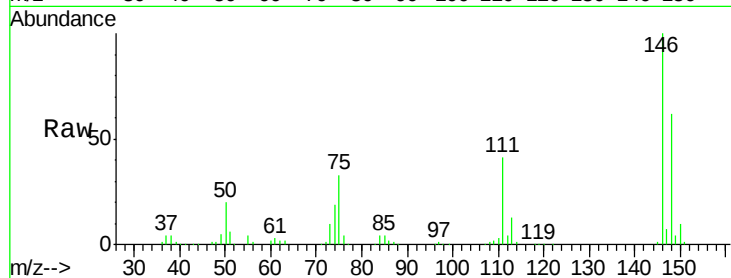




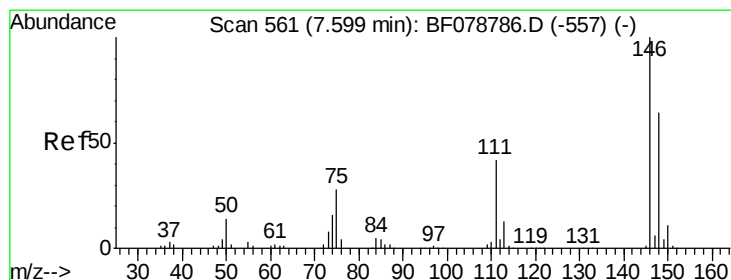
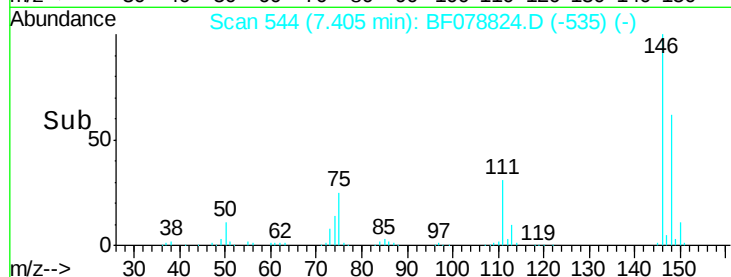
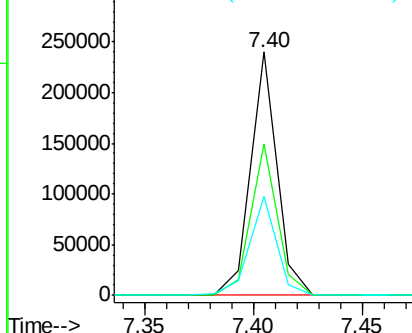
#13
 1,4-Dichlorobenzene
 Concen: 40.52 ng
 RT: 7.40 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

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

Tot Ion:146 Resp: 202211
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.8 79.2
 111 40.8 31.7 47.5

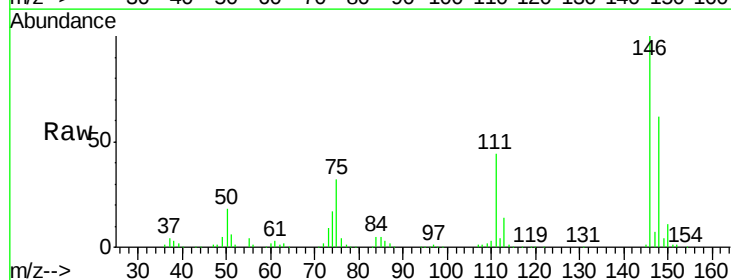


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

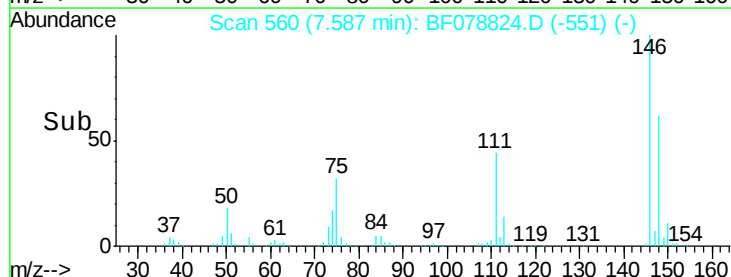
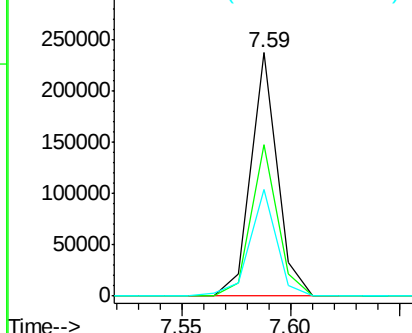


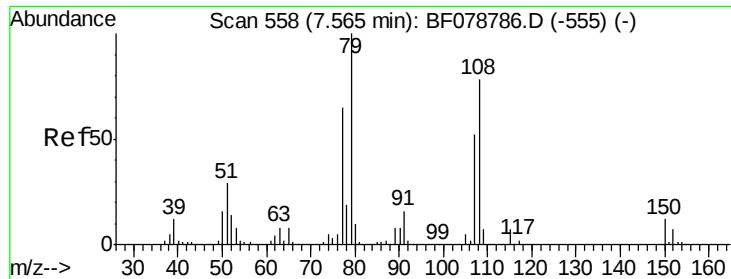
#14
 1,2-Dichlorobenzene
 Concen: 42.97 ng
 RT: 7.59 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion:146 Resp: 200385
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.2 76.8
 111 43.6 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: 42.46 ng

RT: 7.55 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

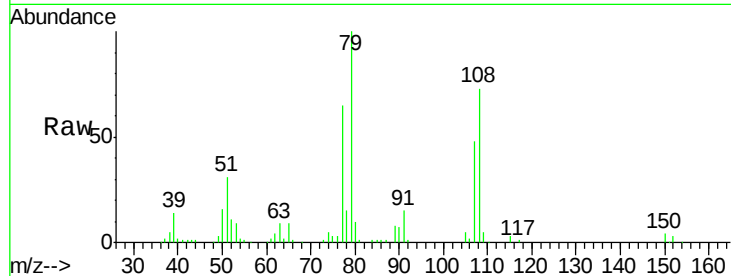
Tot Ion: 79 Resp: 154349

Ion Ratio Lower Upper

79 100

108 73.3 62.5 93.7

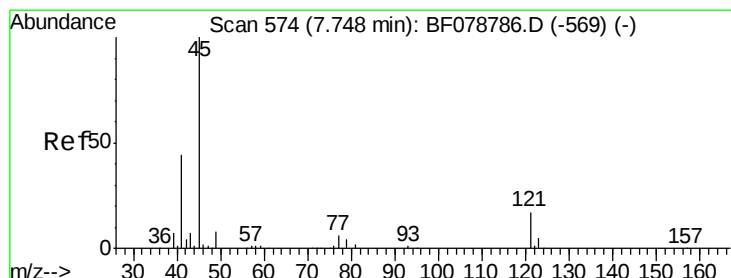
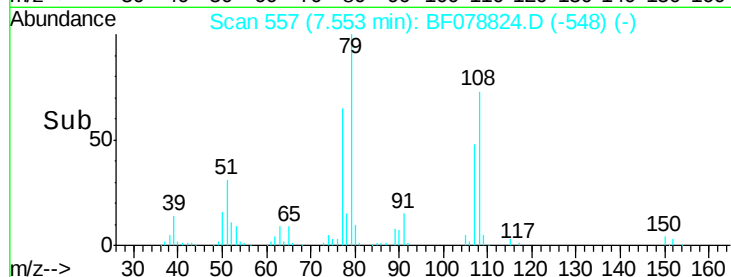
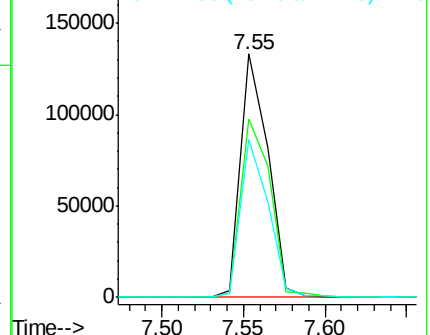
77 65.1 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.89 ng

RT: 7.74 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

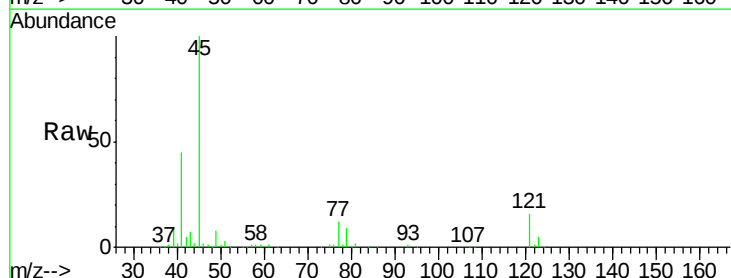
Tgt Ion: 45 Resp: 279228

Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.3

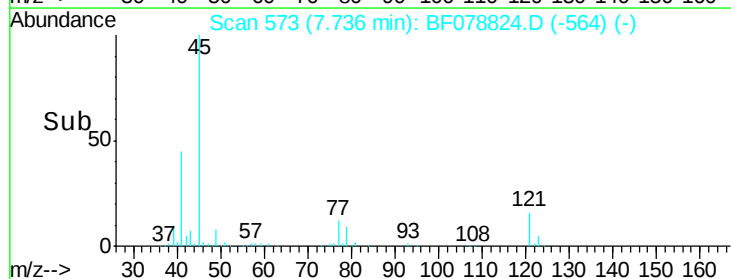
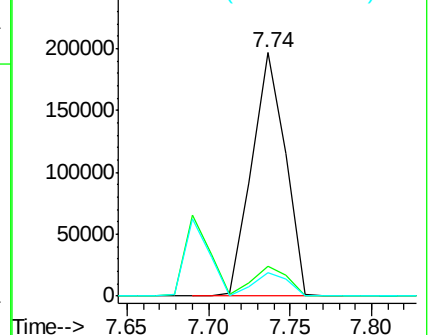
79 9.5 0.0 30.1

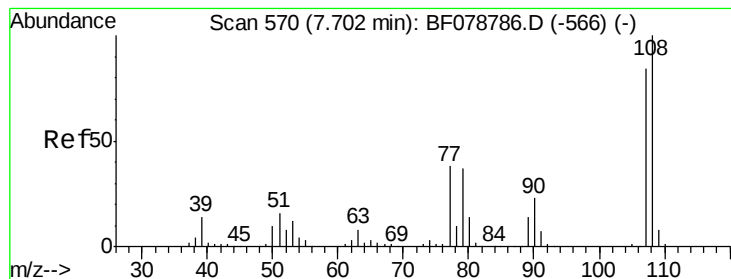


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

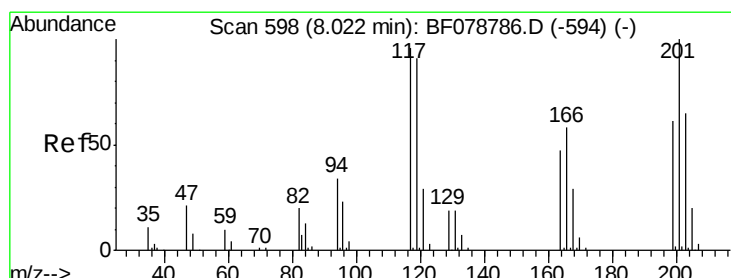
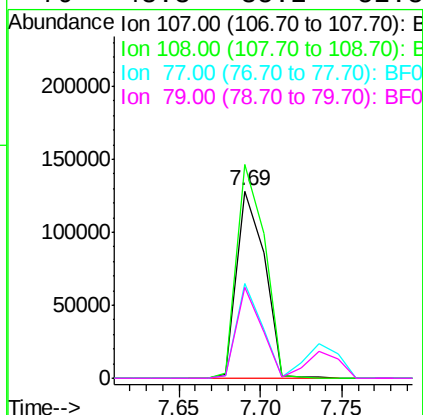
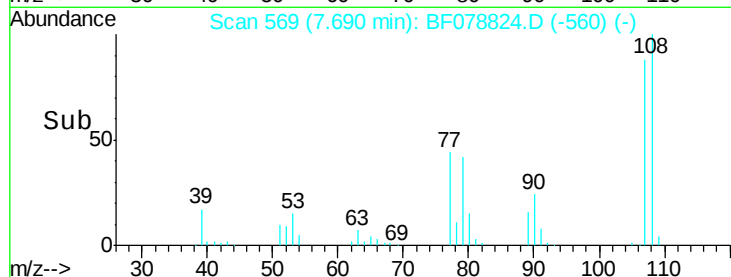
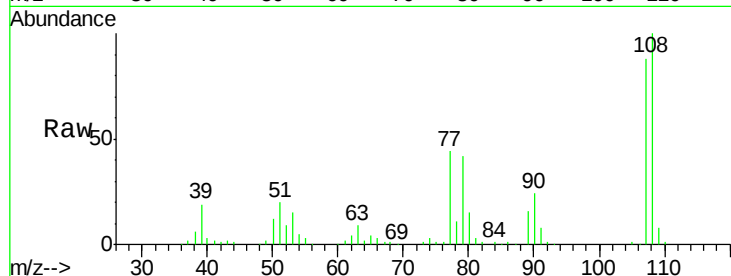




#17
2-Methylphenol
Concen: 44.18 ng
RT: 7.69 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

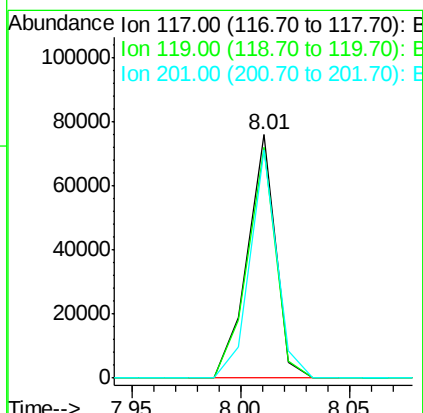
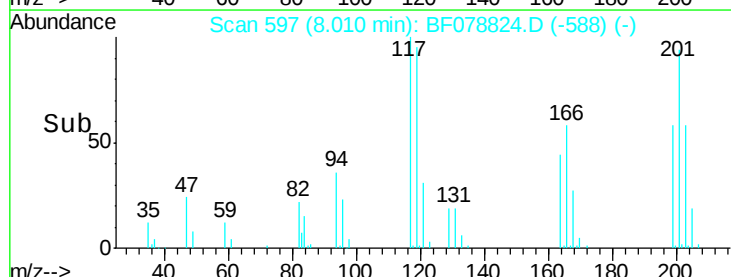
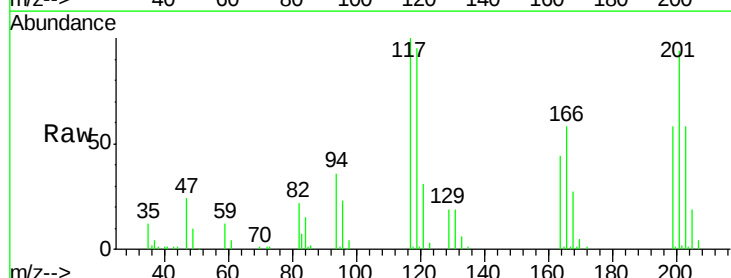
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MSD

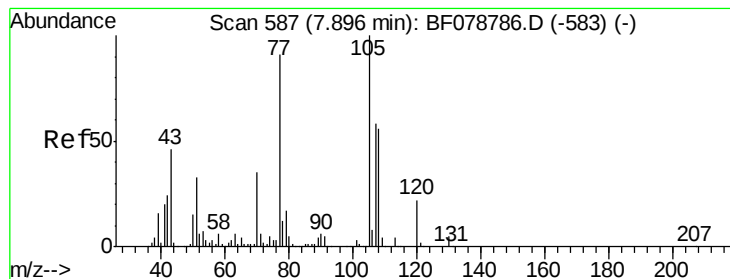
Tot Ion:	107	Resp:	150139
Ion	Ratio	Lower	Upper
107	100		
108	114.2	94.9	142.3
77	50.8	36.2	54.4
79	48.3	35.2	52.8



#18
Hexachloroethane
Concen: 41.37 ng
RT: 8.01 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:	117	Resp:	68206
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.0
201	93.6	83.2	124.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.64 ng

RT: 7.90 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

Tot Ion: 70 Resp: 145151

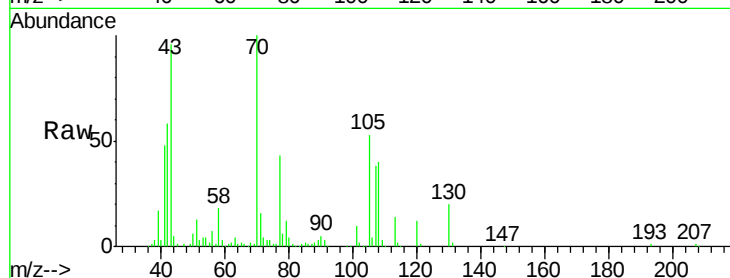
Ion Ratio Lower Upper

70 100

42 57.8 55.4 83.0

101 9.8 6.6 10.0

130 20.3 11.9 17.9#



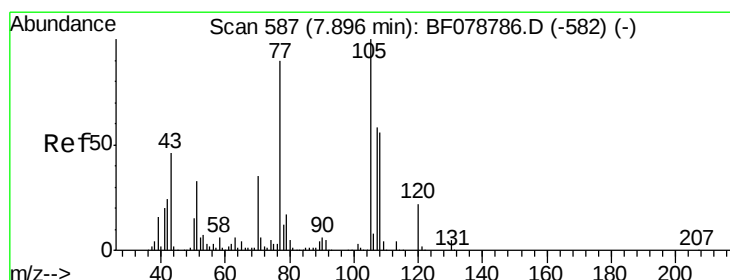
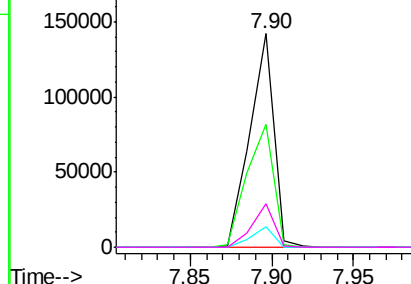
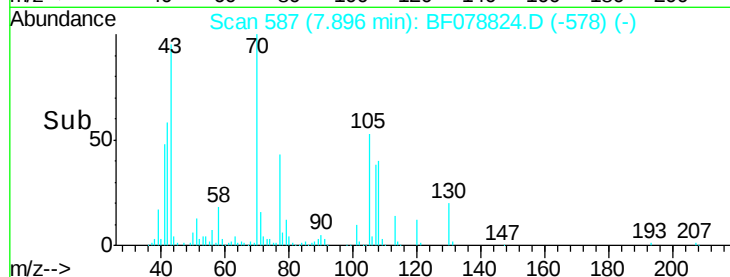
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.73 ng

RT: 7.88 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Tgt Ion:107 Resp: 198041

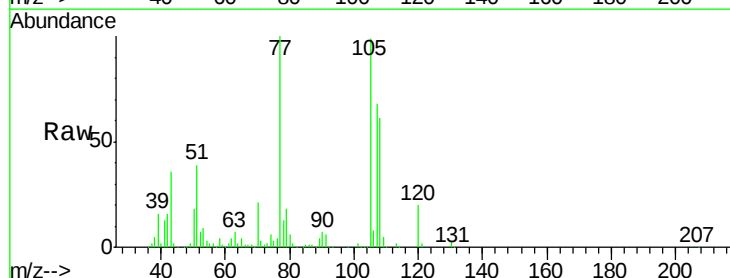
Ion Ratio Lower Upper

107 100

108 89.7 76.9 116.9

77 148.0 136.8 176.8

79 26.9 9.7 49.7



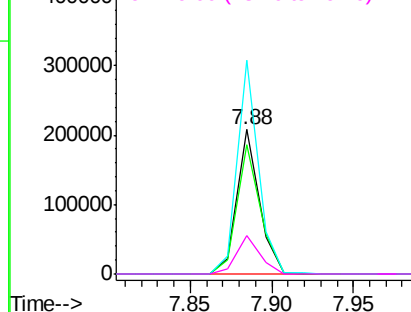
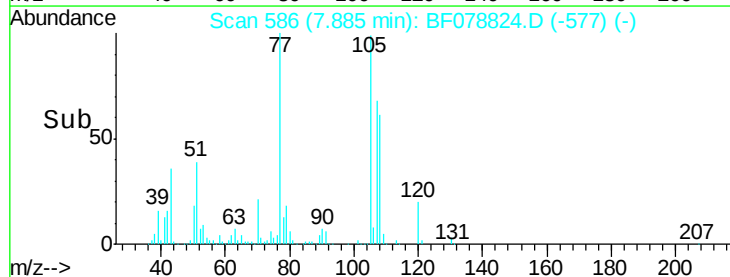
Abundance

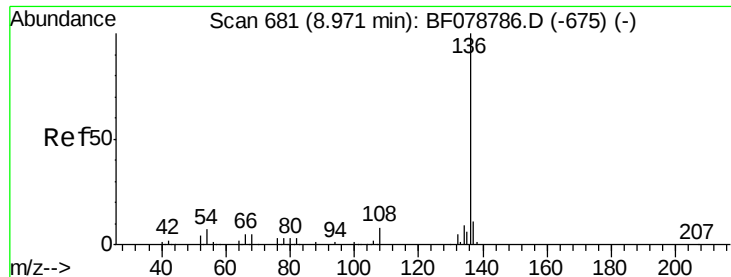
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

Tot Ion:136 Resp: 292436

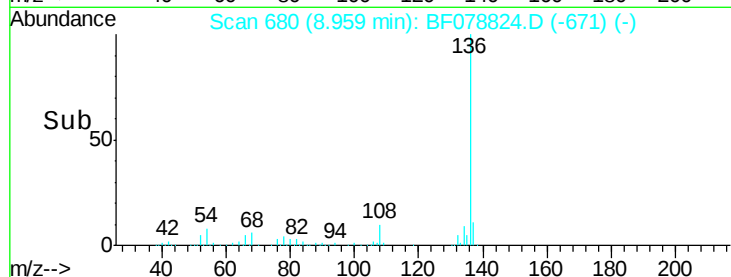
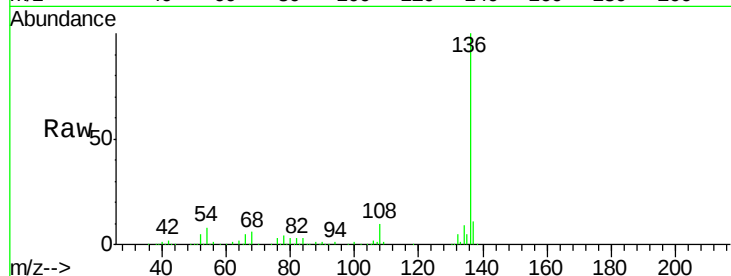
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.3 5.8 8.8

68 6.1 4.2 6.4

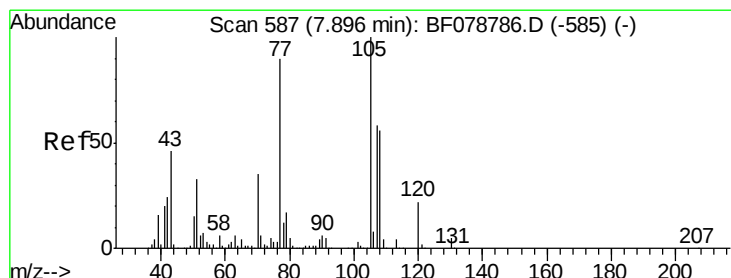
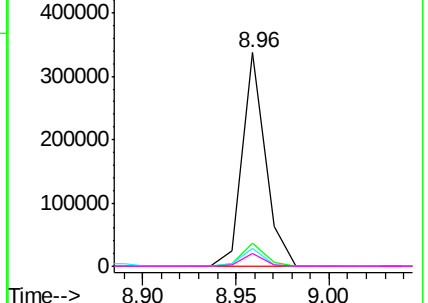


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 42.05 ng

RT: 7.88 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Tgt Ion:105 Resp: 272417

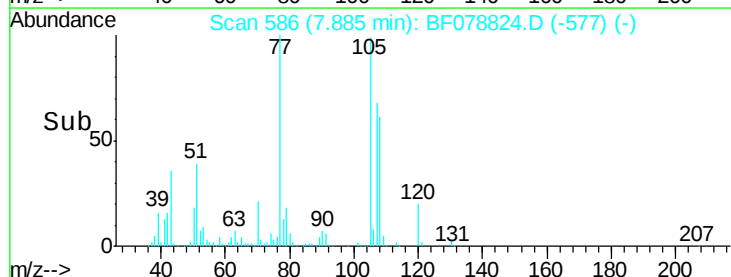
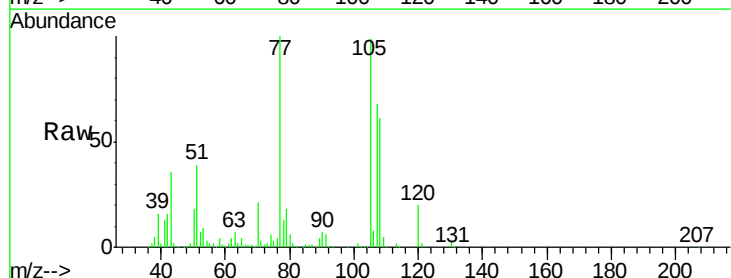
Ion Ratio Lower Upper

105 100

71 3.2 4.6 6.8#

51 39.7 26.7 40.1

120 20.3 17.4 26.0

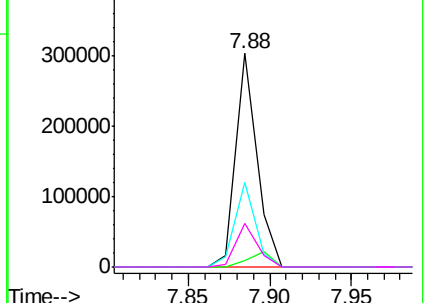


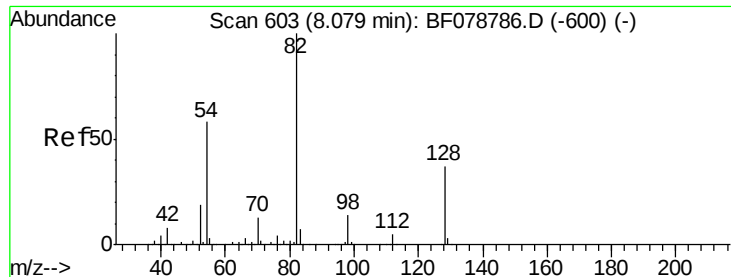
Abundance Ion 105.00 (104.70 to 105.70): E

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

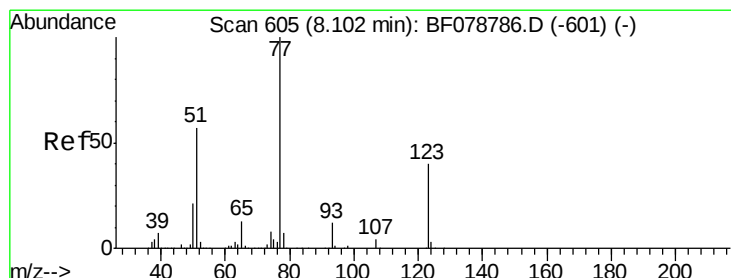
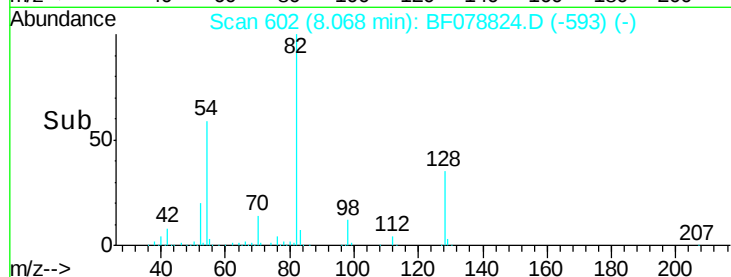
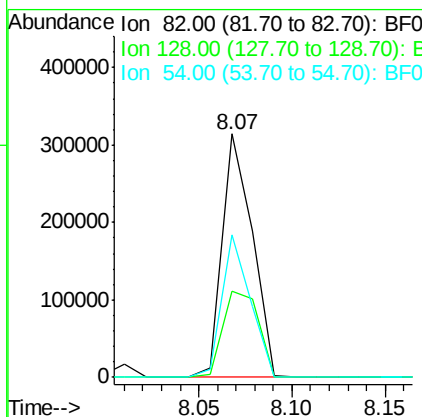
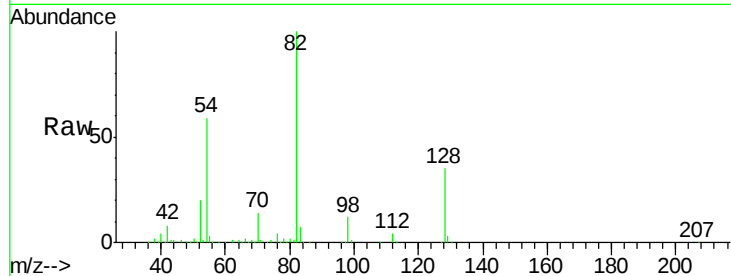




#23
 Nitrobenzene-d5
 Concen: 87.44 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

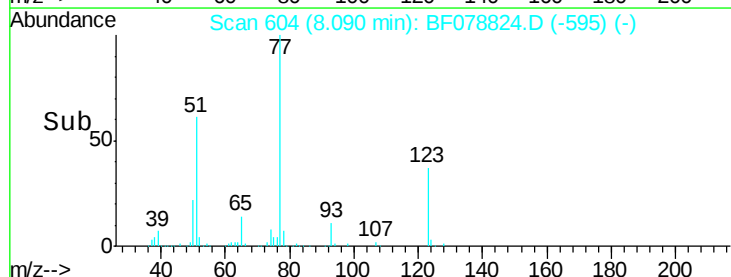
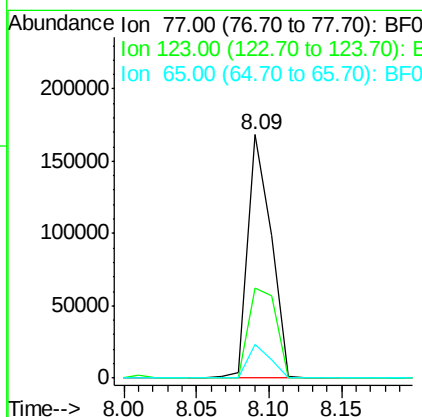
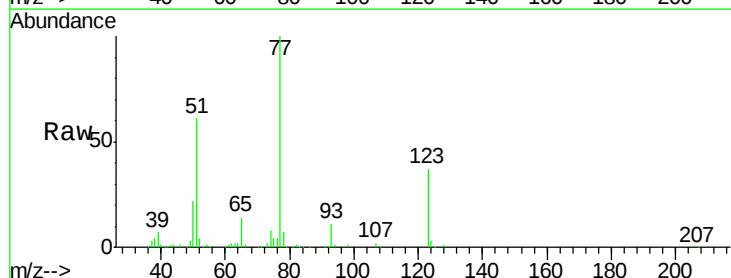
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MSD

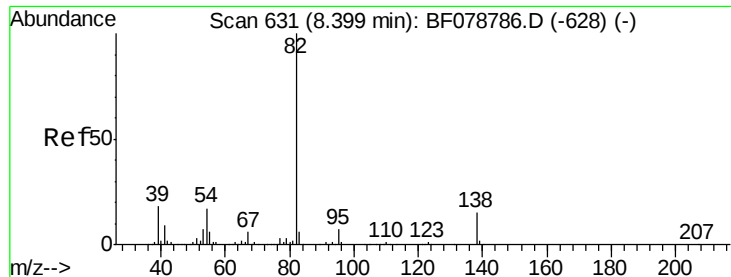
Tot Ion	82	Resp	355157
Ion Ratio	Lower	Upper	
82	100		
128	35.4	30.0	45.0
54	58.5	46.4	69.6



#24
 Nitrobenzene
 Concen: 43.16 ng
 RT: 8.09 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion	77	Resp	187728
Ion Ratio	Lower	Upper	
77	100		
123	37.1	31.8	47.8
65	13.8	10.6	15.8





#25

Isophorone

Concen: 38.96 ng

RT: 8.40 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

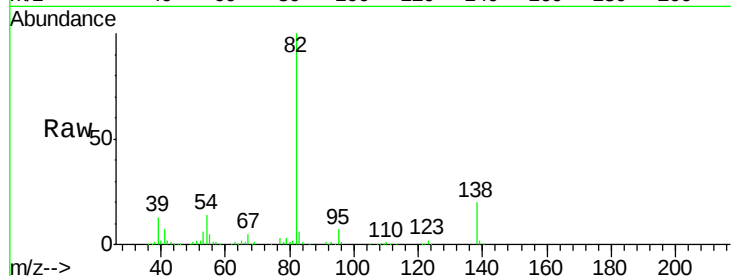
Tot Ion: 82 Resp: 357774

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

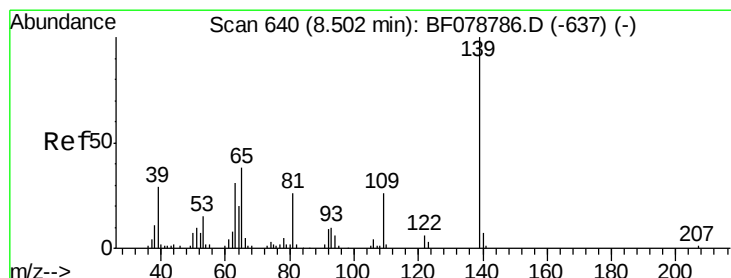
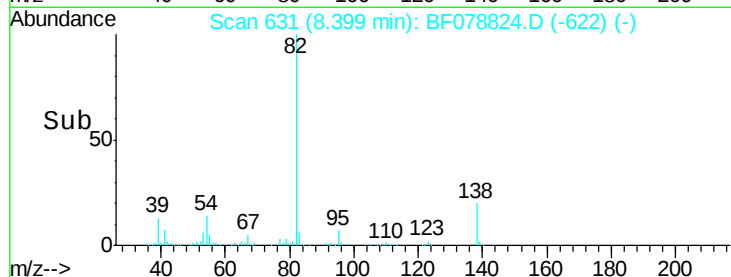
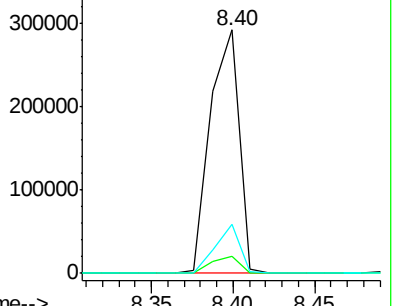
138 20.2 12.0 18.0#



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) (-)



#26

2-Nitrophenol

Concen: 55.48 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

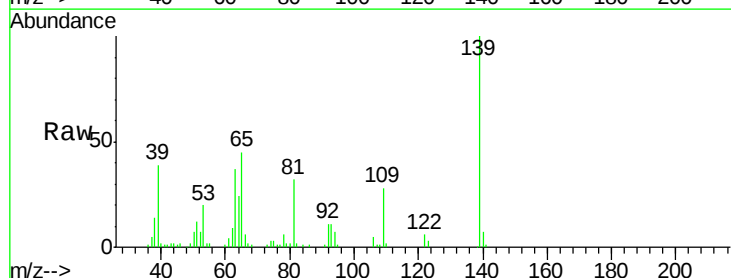
Tgt Ion: 139 Resp: 71107

Ion Ratio Lower Upper

139 100

109 27.8 21.0 31.4

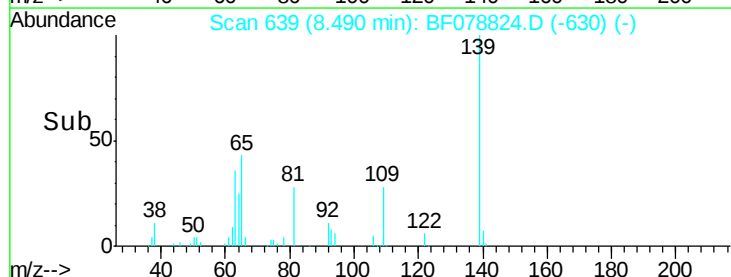
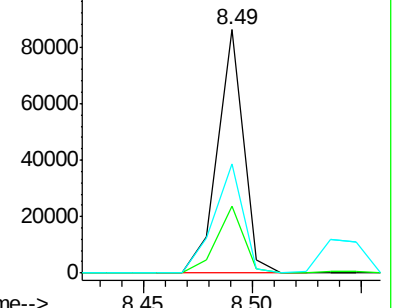
65 45.0 30.5 45.7

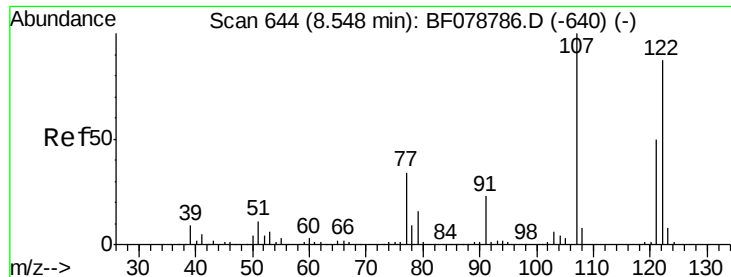


Abundance Ion 139.00 (138.70 to 139.70): BF078786.D (-637) (-)

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

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

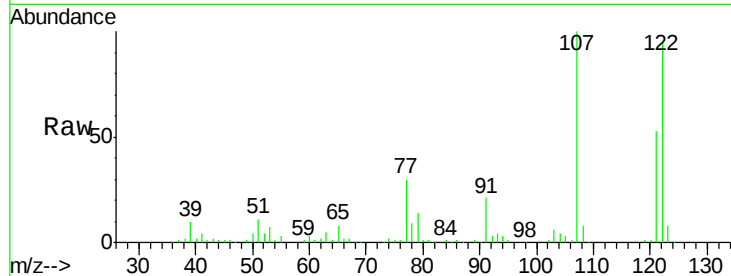




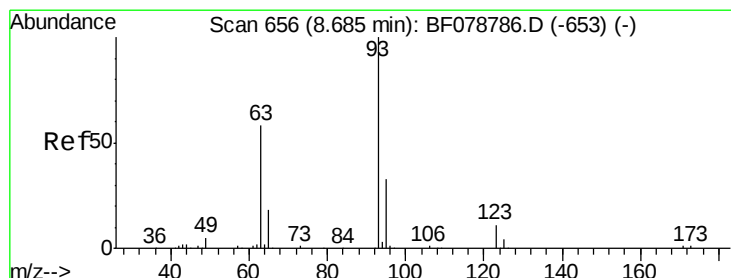
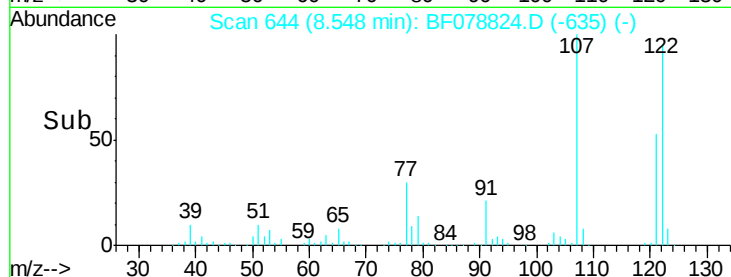
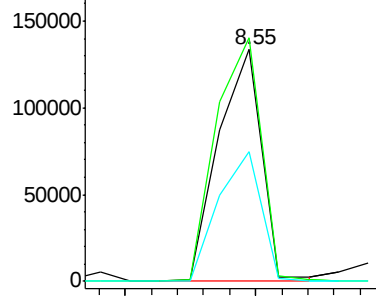
#27
 2,4-Dimethylphenol
 Concen: 38.13 ng
 RT: 8.55 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

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

Tot Ion:122 Resp: 155320
 Ion Ratio Lower Upper
 122 100
 107 105.1 90.6 135.8
 121 56.2 45.4 68.2

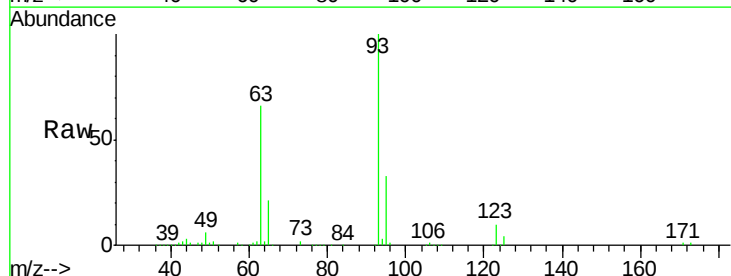


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

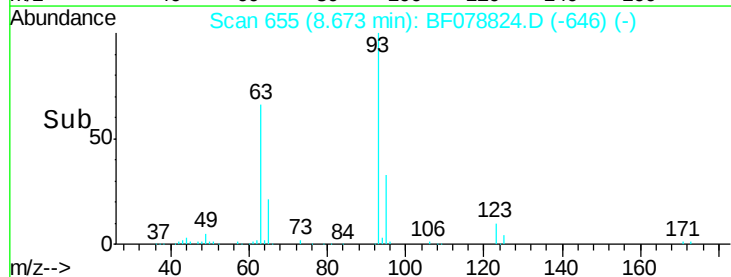
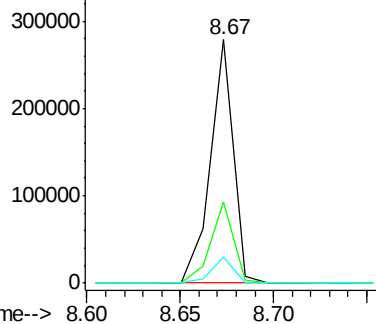


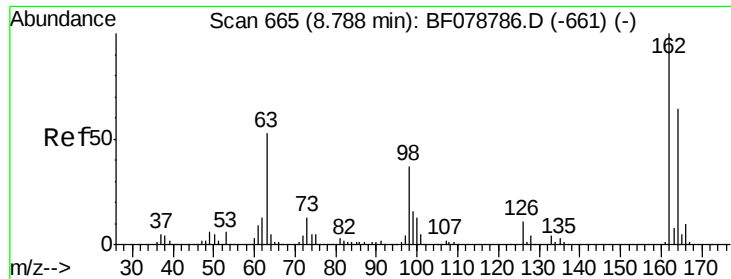
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.13 ng
 RT: 8.67 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion: 93 Resp: 238869
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.7 40.1
 123 10.5 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

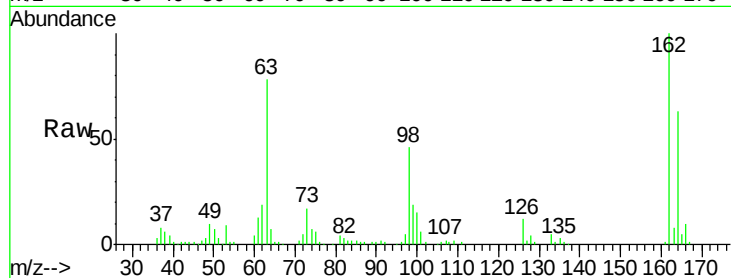




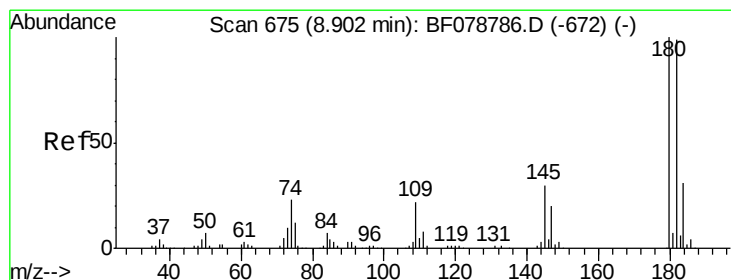
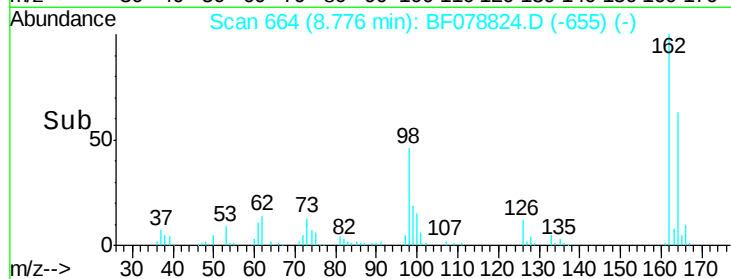
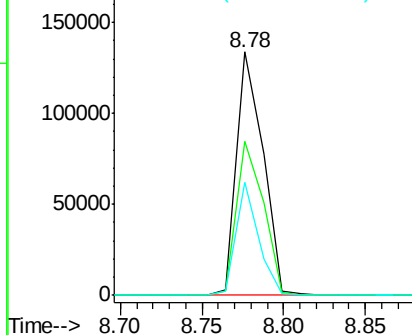
#29
 2,4-Dichlorophenol
 Concen: 43.05 ng
 RT: 8.78 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.6	83.6
98	46.4	16.5	56.5

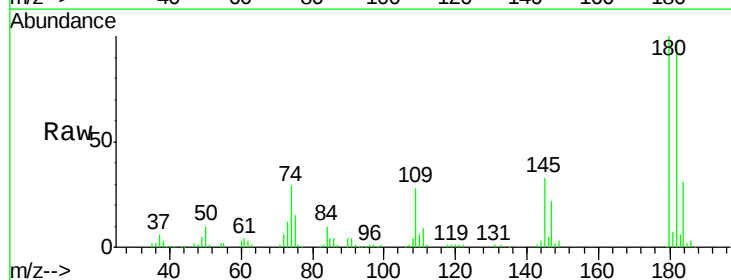


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

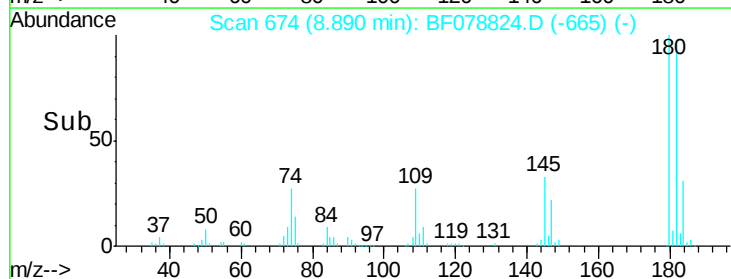
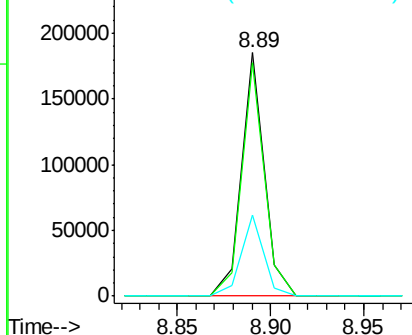


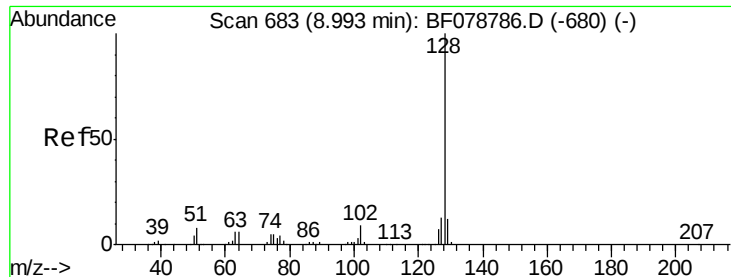
#30
 1,2,4-Trichlorobenzene
 Concen: 39.46 ng
 RT: 8.89 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.9	118.3
145	33.2	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

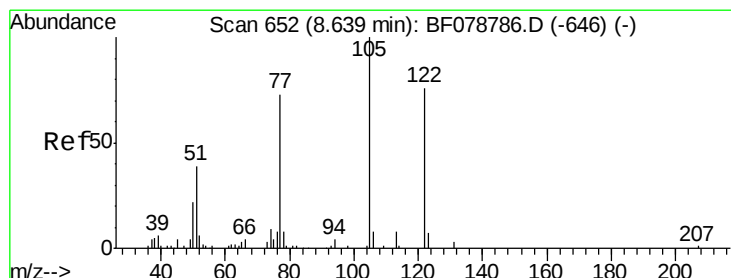
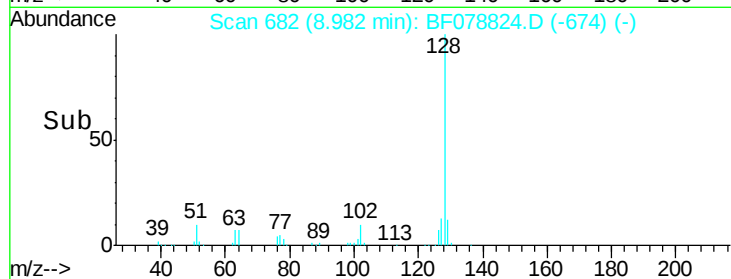
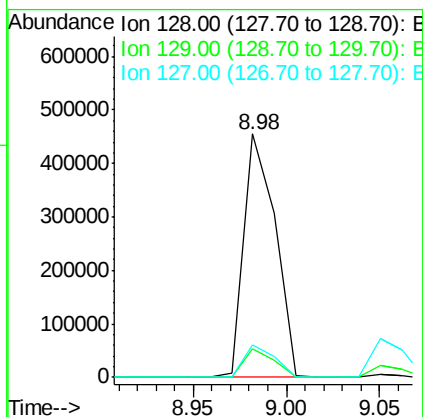
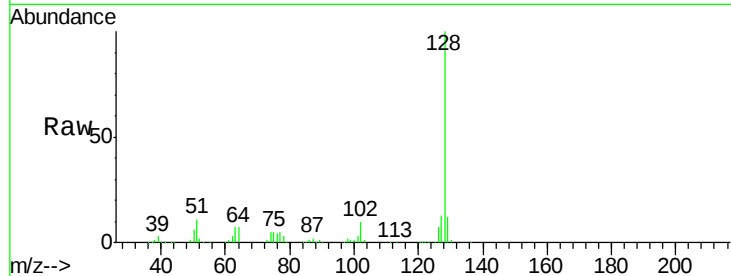




#31
Naphthalene
Concen: 38.26 ng
RT: 8.98 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

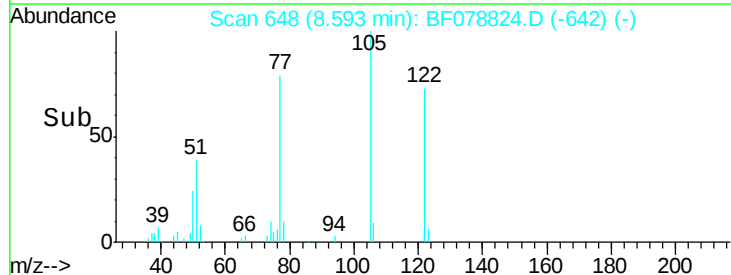
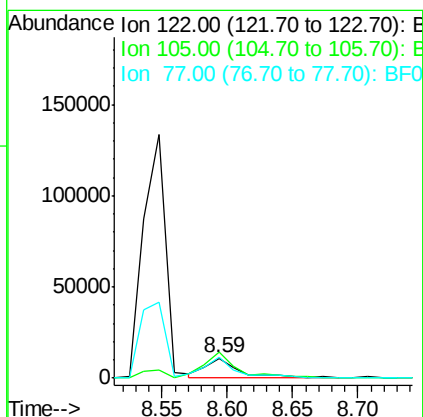
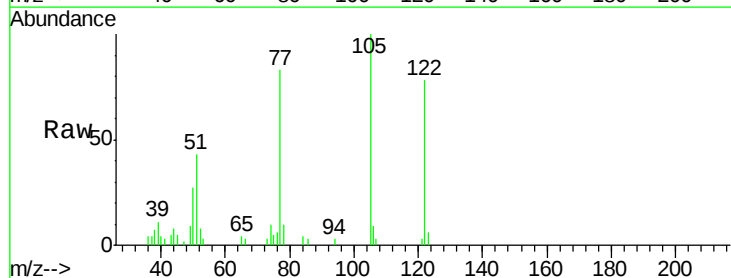
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MSD

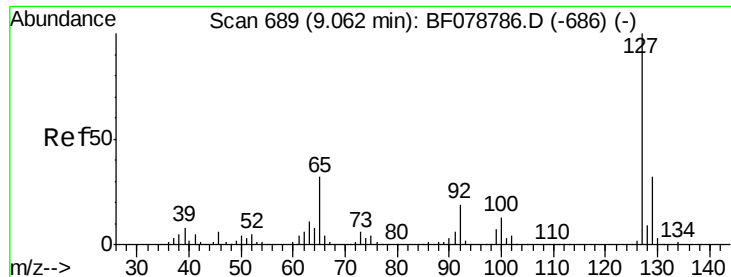
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.2	10.7	16.1



#32
Benzoic acid
Concen: 16.02 ng
RT: 8.59 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	107.1	147.1
77	106.2	73.9	113.9

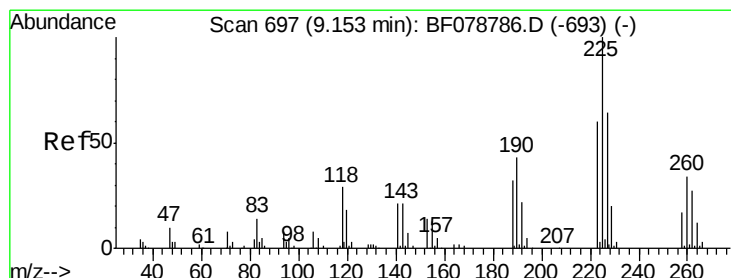
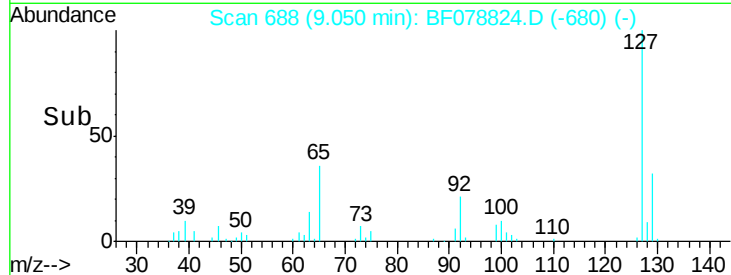
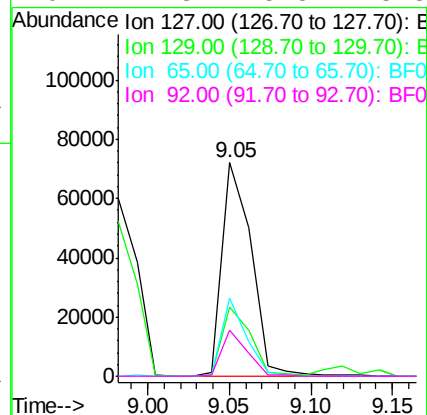
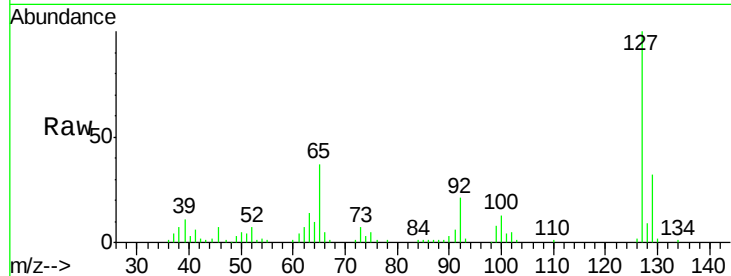




#33
4-Chloroaniline
Concen: 15.33 ng
RT: 9.05 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

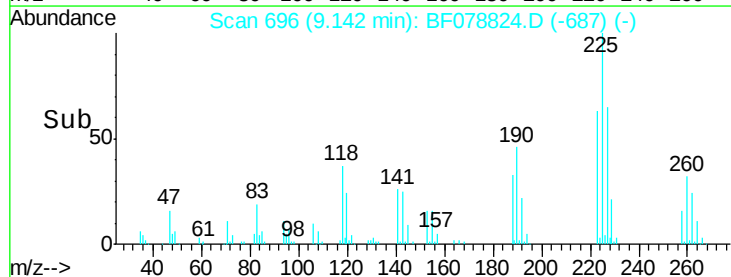
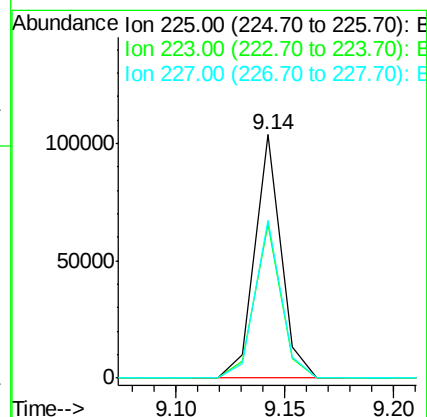
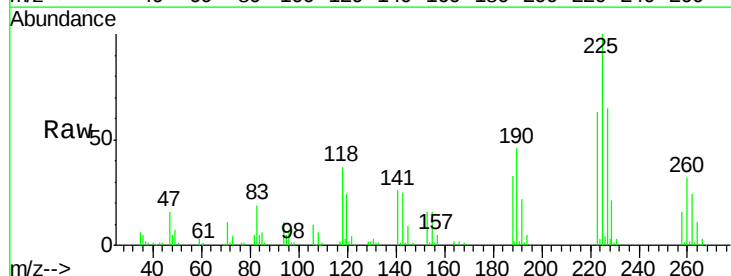
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MSD

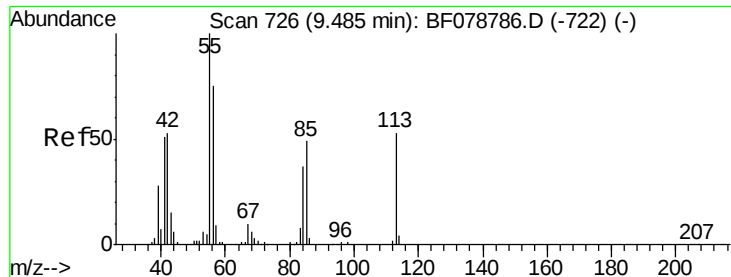
Tot Ion:127	Resp:	89561
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.8 38.8
65	36.8	25.8 38.6
92	21.3	15.5 23.3



#34
Hexachlorobutadiene
Concen: 38.59 ng
RT: 9.14 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:225	Resp:	87062
Ion Ratio	Lower	Upper
225	100	
223	63.1	48.2 72.4
227	64.9	51.4 77.0

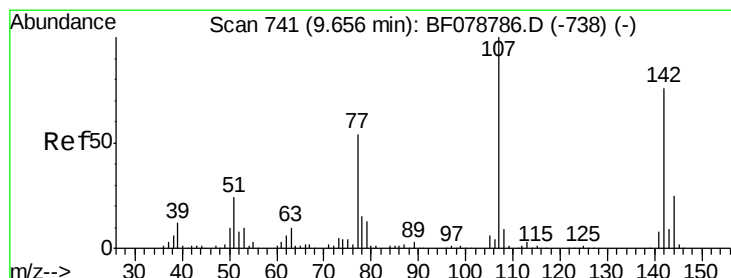
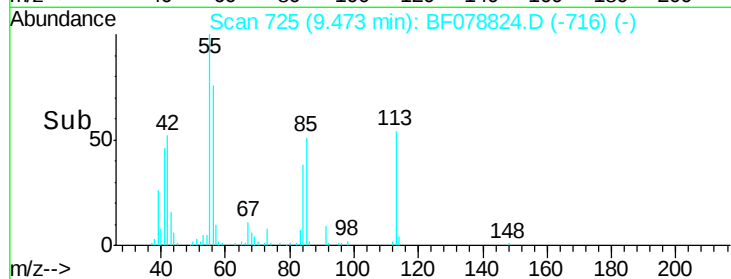
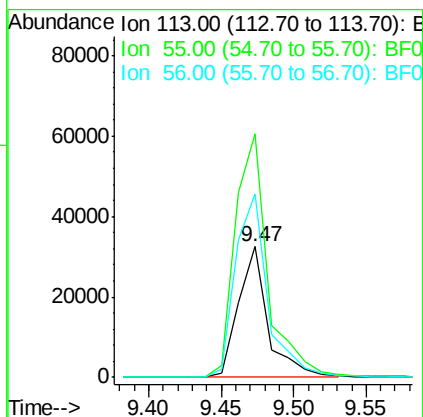
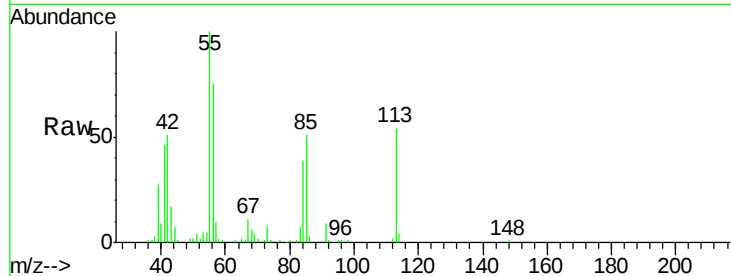




#35
 Caprolactam
 Concen: 41.10 ng
 RT: 9.47 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

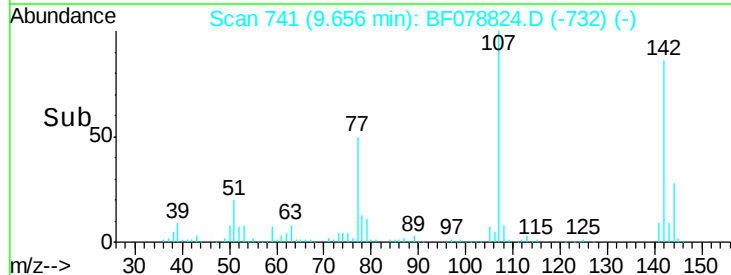
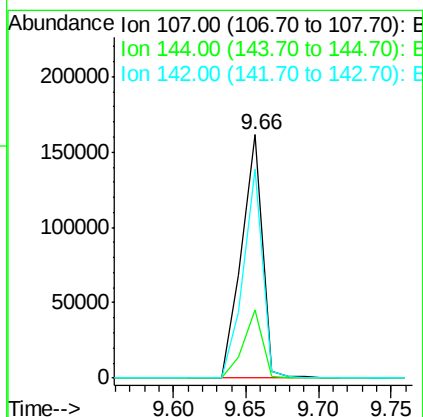
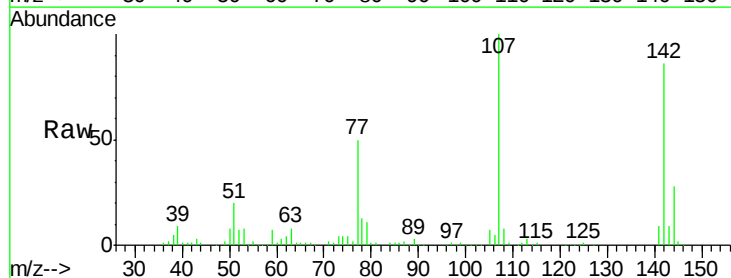
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MSD

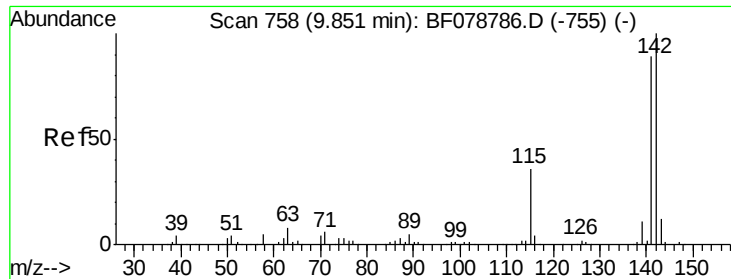
Tot Ion:113 Resp: 45560
 Ion Ratio Lower Upper
 113 100
 55 186.6 169.7 209.7
 56 140.4 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.54 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion:107 Resp: 162812
 Ion Ratio Lower Upper
 107 100
 144 27.8 19.8 29.6
 142 85.9 60.6 91.0

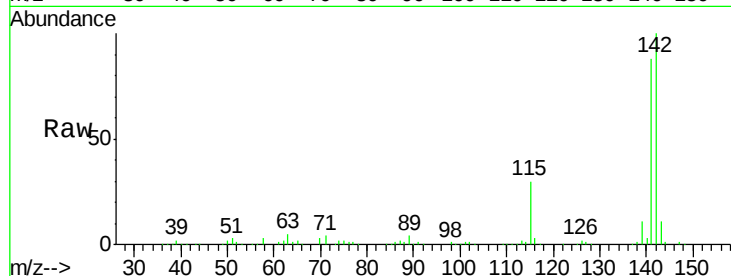




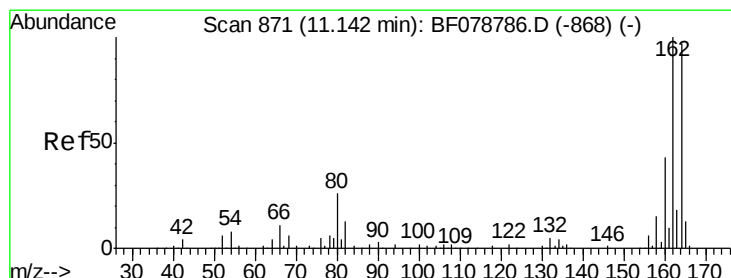
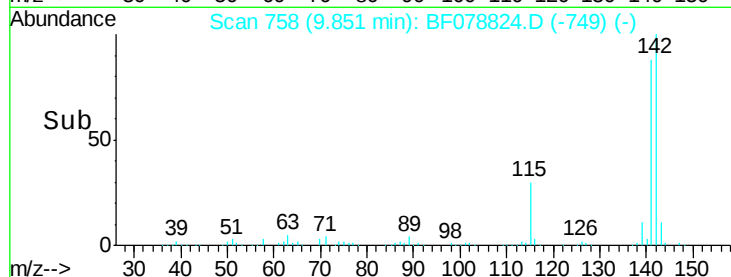
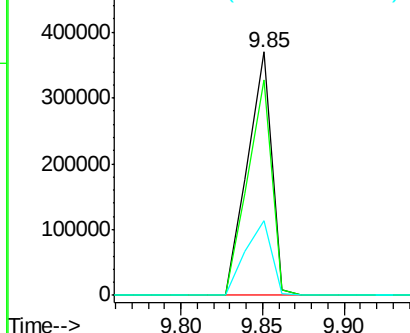
#37
2-Methylnaphthalene
Concen: 40.95 ng
RT: 9.85 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3
115	30.4	28.5	42.7

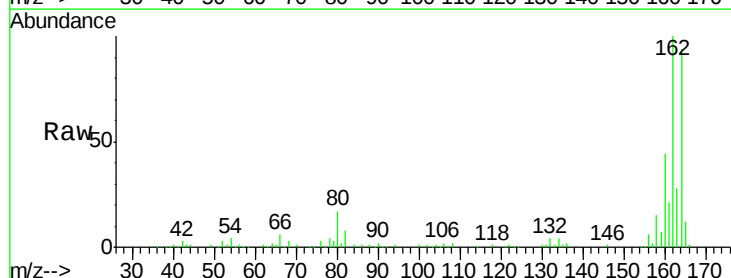


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

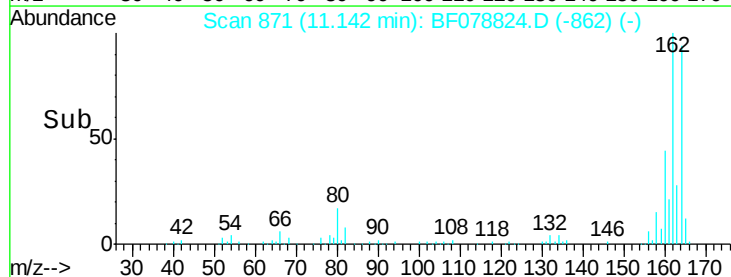
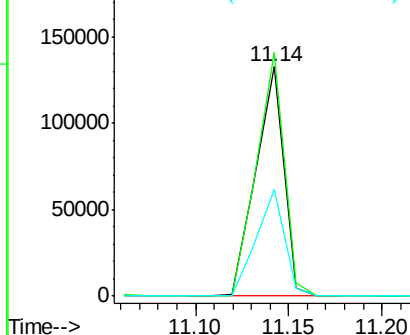


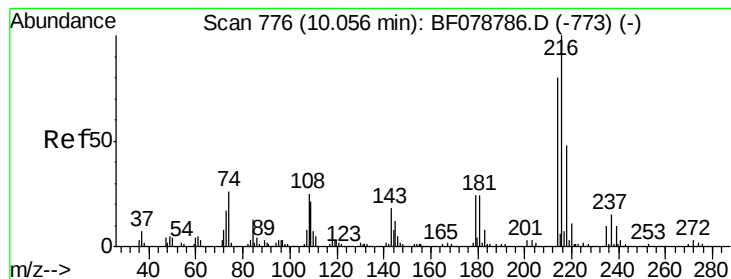
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.7	124.1
160	46.4	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: 38.36 ng

RT: 10.06 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

Tot Ion:216 Resp: 149204

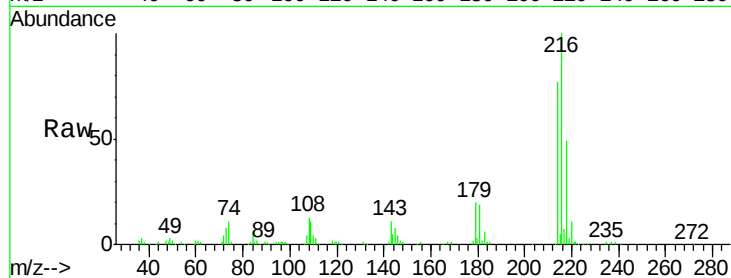
Ion Ratio Lower Upper

216 100

214 78.9 0.0 0.0#

179 21.9 0.0 0.0#

108 24.1 0.0 0.0#

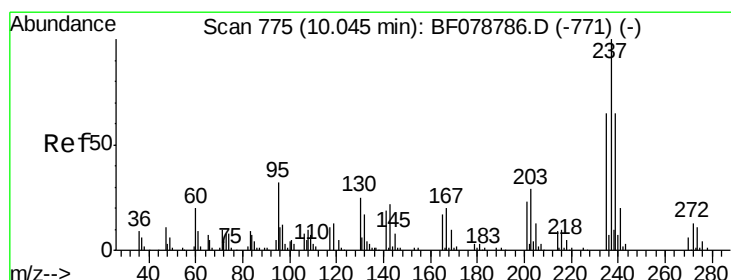
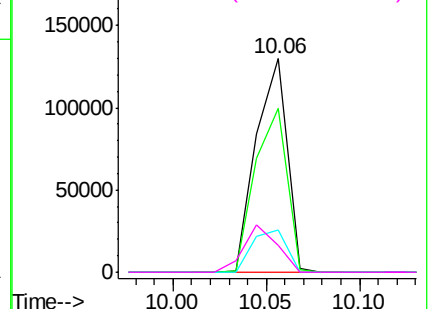
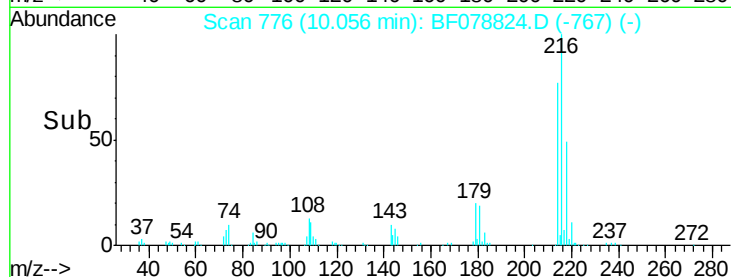


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.93 ng

RT: 10.04 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

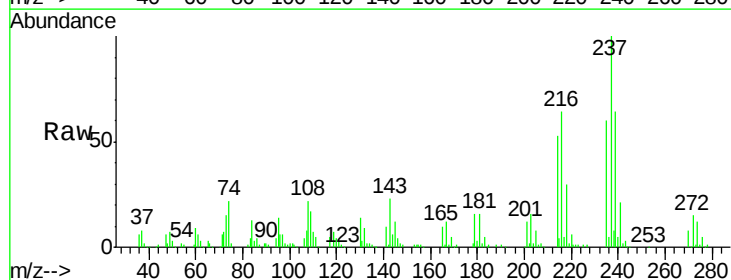
Tgt Ion:237 Resp: 150302

Ion Ratio Lower Upper

237 100

235 60.0 44.7 84.7

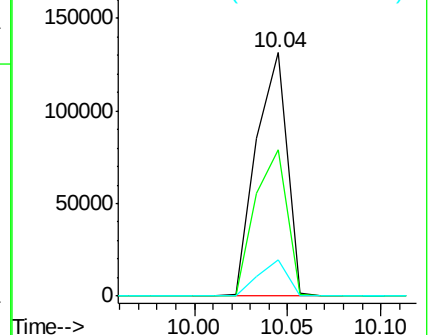
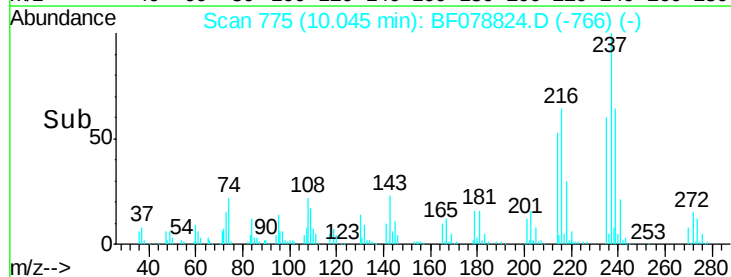
272 15.1 0.0 32.6

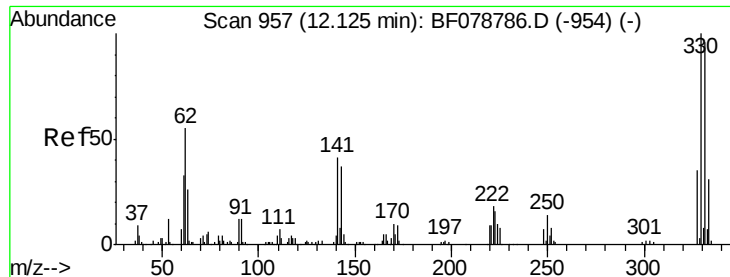


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

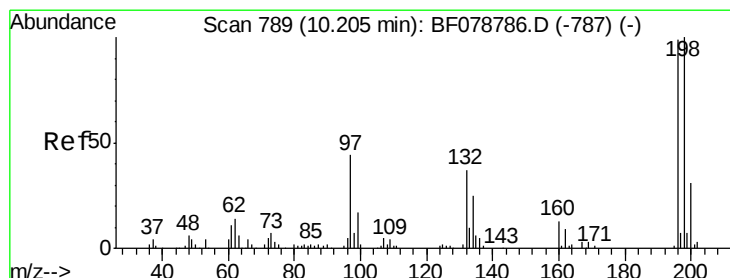
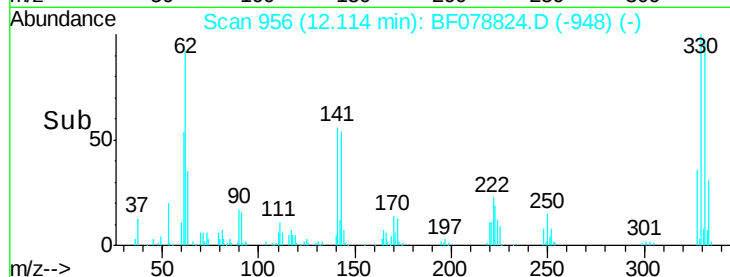
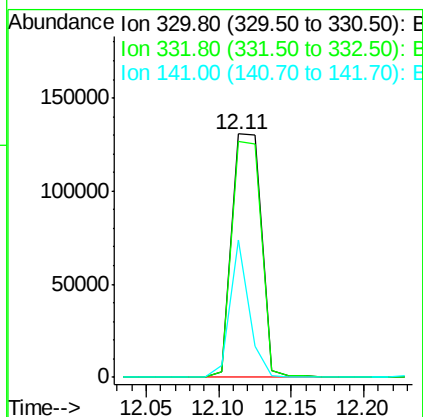
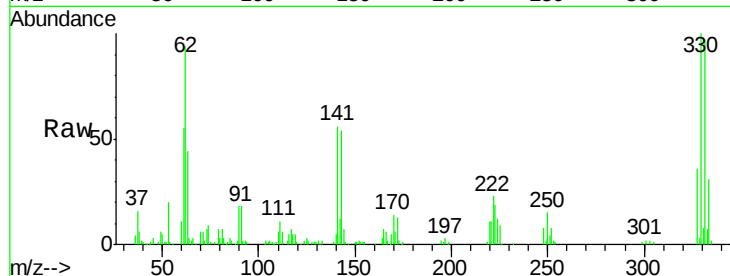




#41
 2,4,6-Tribromophenol
 Concen: 135.95 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

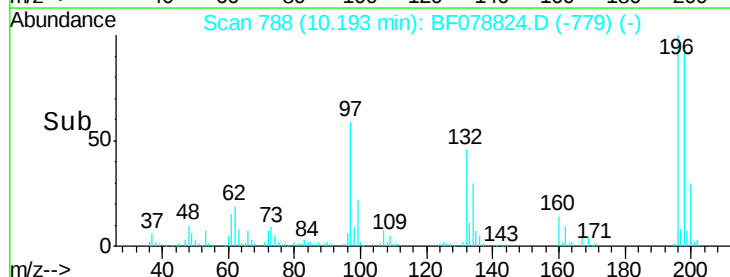
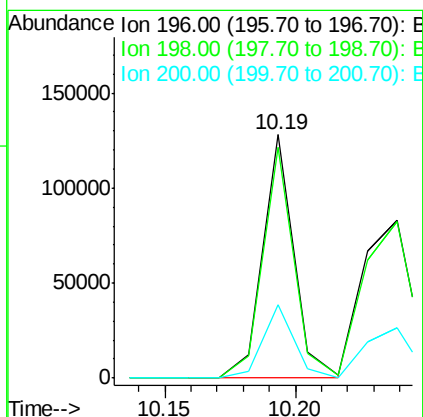
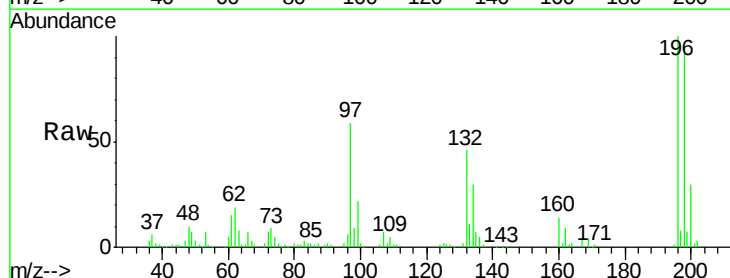
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MSD

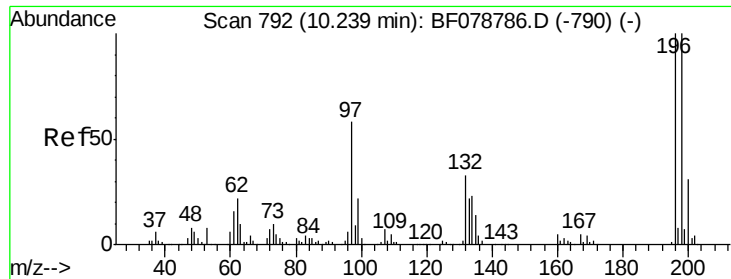
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	36.2	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 45.02 ng
 RT: 10.19 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	80.5	120.7
200	30.1	24.9	37.3

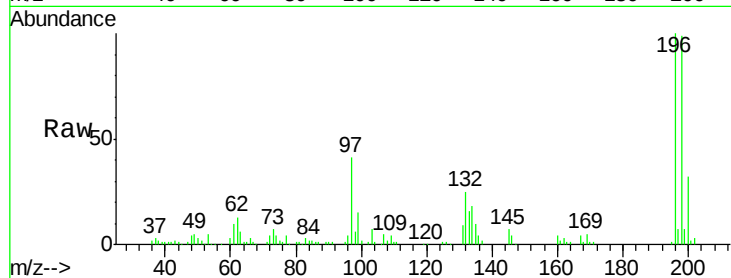




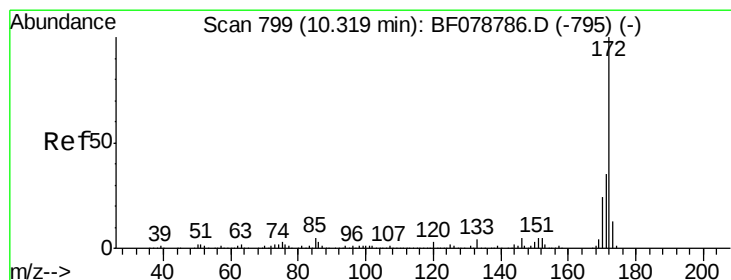
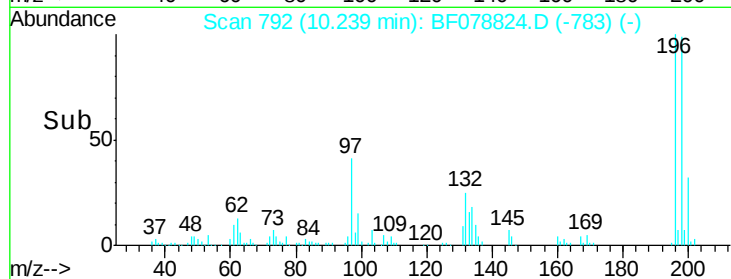
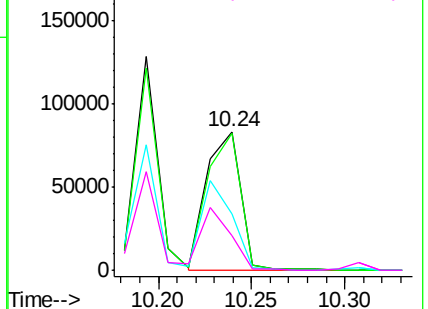
#43
 2,4,5-Trichlorophenol
 Concen: 41.94 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

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

Tot Ion:196	Resp:	105797
Ion Ratio	Lower	Upper
196	100	
198	99.3	79.8 119.6
97	40.5	46.0 69.0#
132	25.4	26.6 40.0#

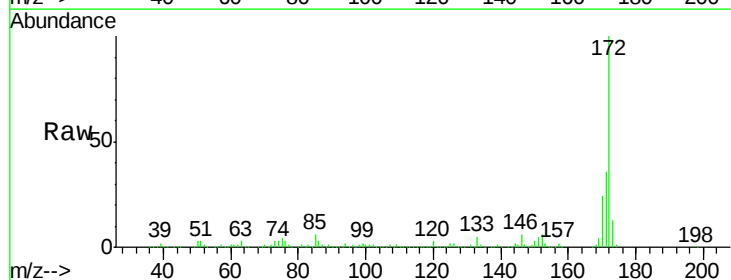


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

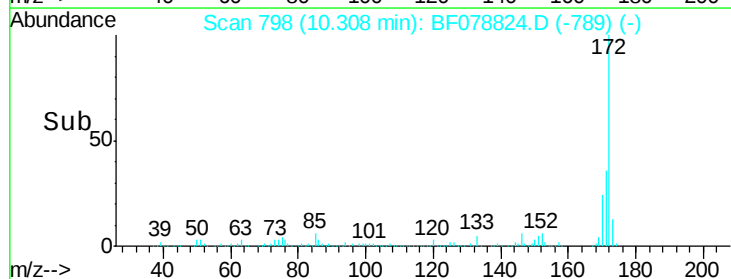
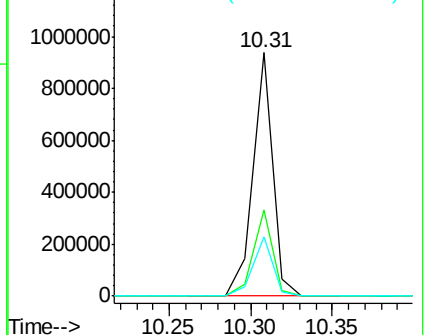


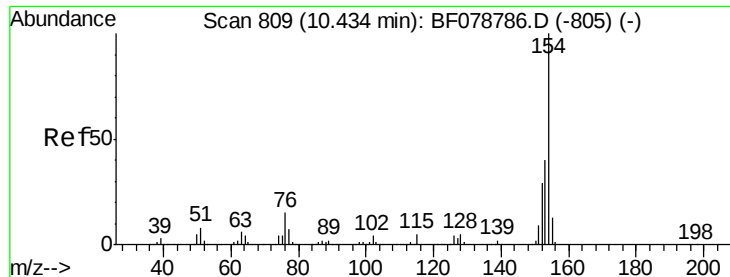
#44
 2-Fluorobiphenyl
 Concen: 78.58 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion:172	Resp:	787701
Ion Ratio	Lower	Upper
172	100	
171	35.5	27.9 41.9
170	24.4	19.4 29.0



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





#45

1,1'-Biphenyl

Concen: 40.44 ng

RT: 10.43 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

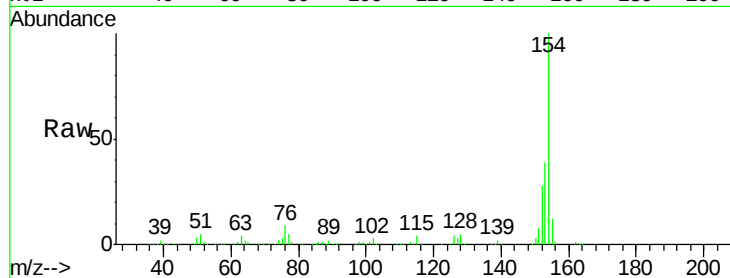
Tot Ion:154 Resp: 445491

Ion Ratio Lower Upper

154 100

153 39.2 19.9 59.9

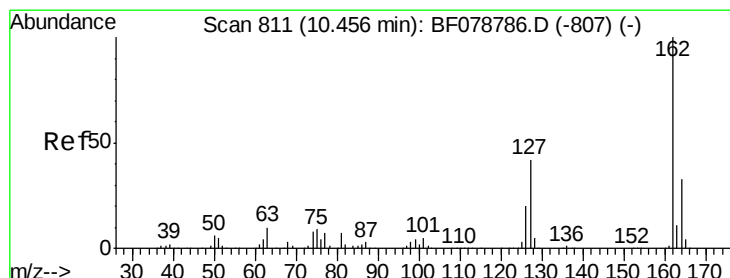
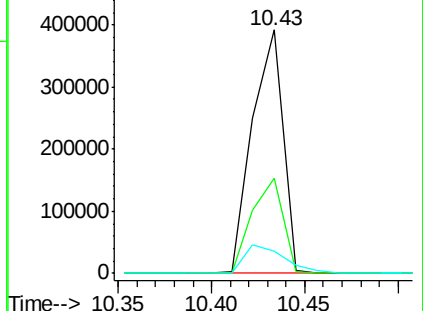
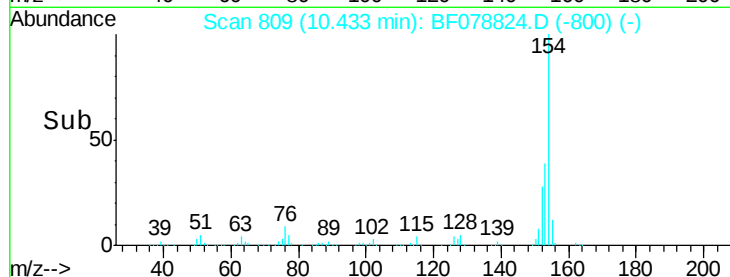
76 9.4 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.68 ng

RT: 10.44 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

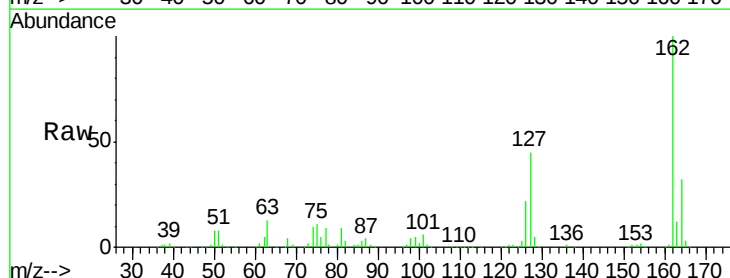
Tgt Ion:162 Resp: 333012

Ion Ratio Lower Upper

162 100

127 44.9 33.9 50.9

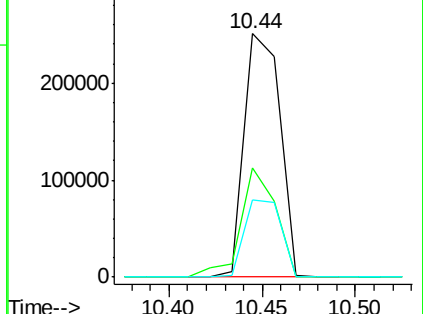
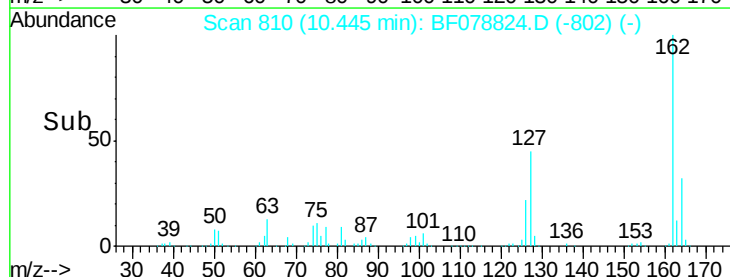
164 31.5 26.3 39.5

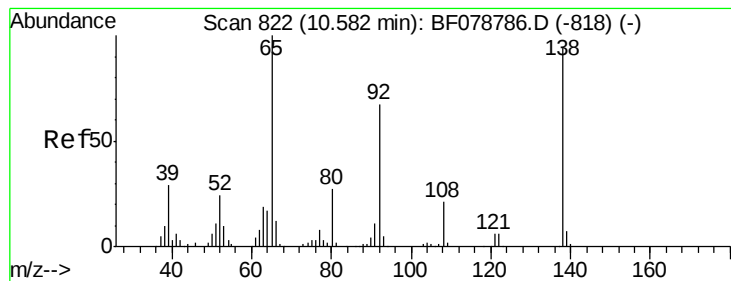


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.60 ng

RT: 10.57 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

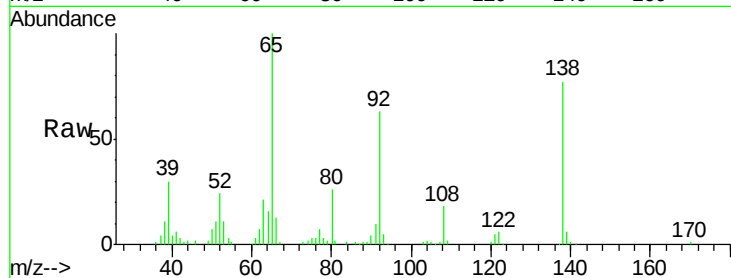
Tot Ion: 65 Resp: 91391

Ion Ratio Lower Upper

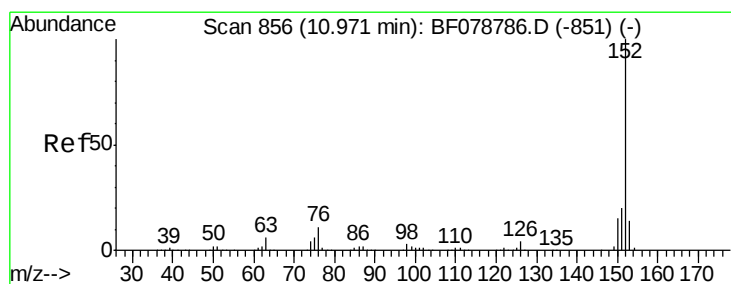
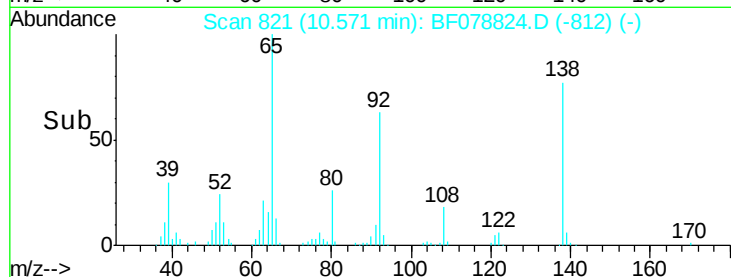
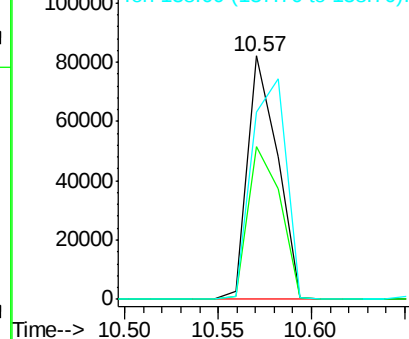
65 100

92 62.9 54.0 81.0

138 76.9 75.0 112.6



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



#48

Acenaphthylene

Concen: 39.13 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

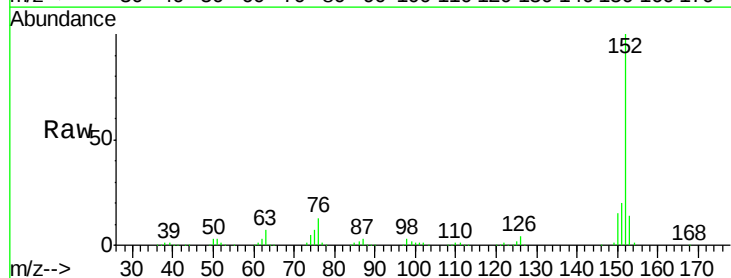
Tgt Ion: 152 Resp: 551194

Ion Ratio Lower Upper

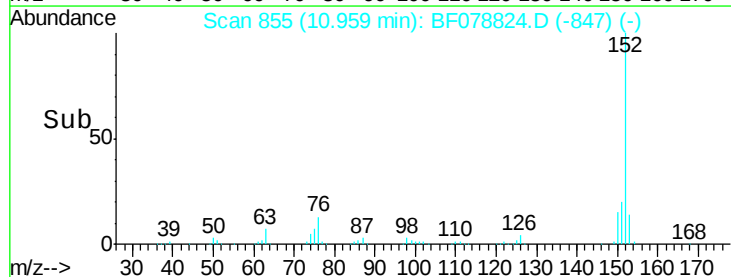
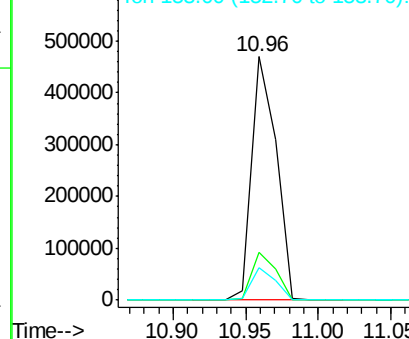
152 100

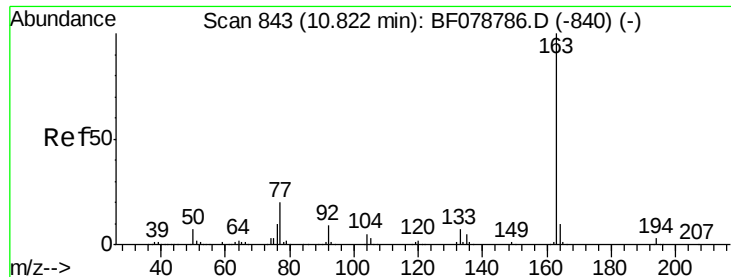
151 19.8 16.2 24.4

153 13.5 10.9 16.3



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

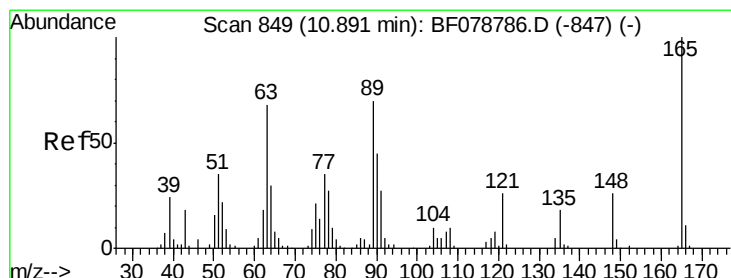
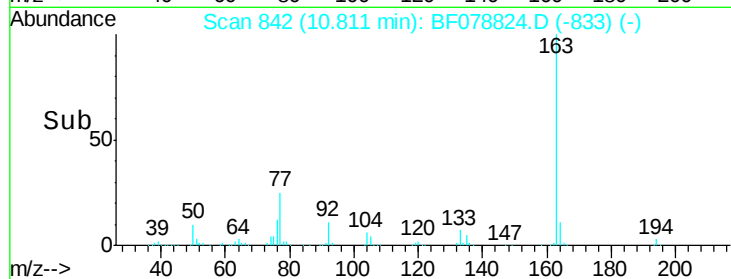
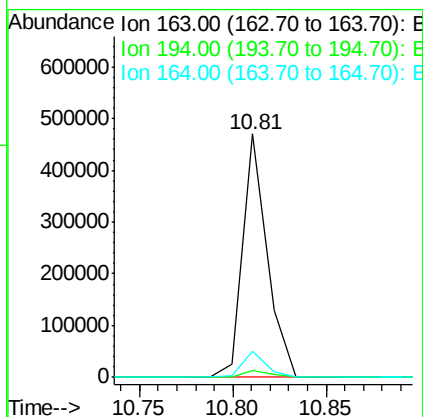
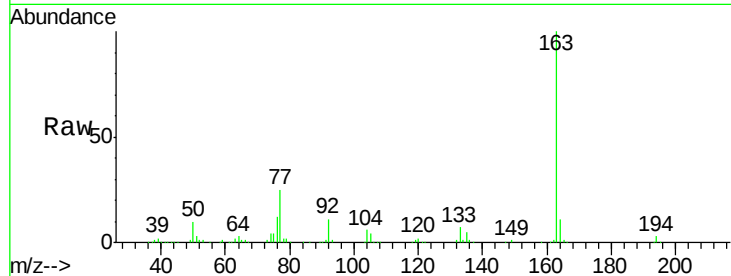




#49
Dimethylphthalate
Concen: 44.03 ng
RT: 10.81 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

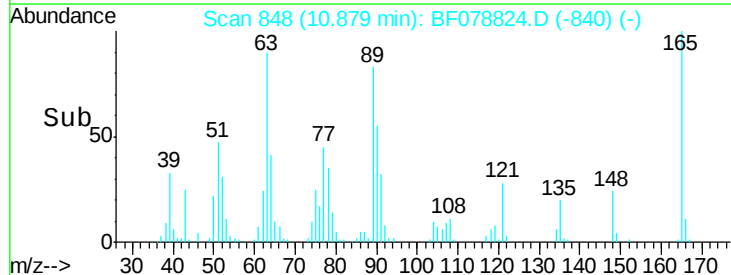
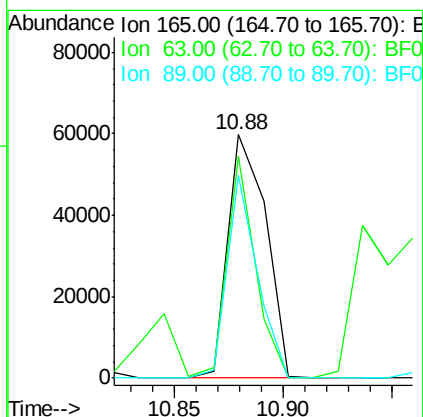
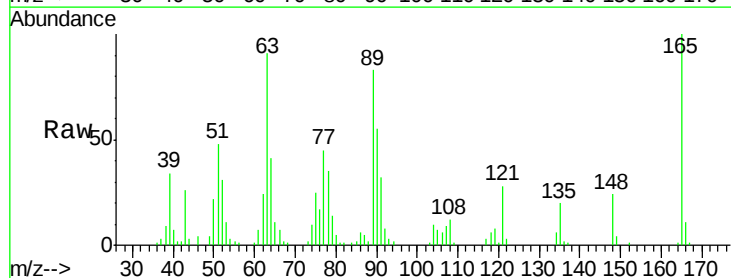
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MSD

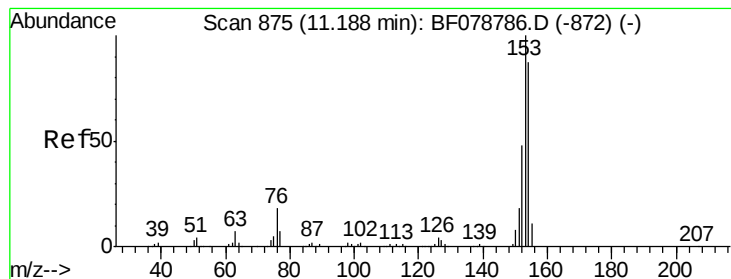
Tot Ion:163 Resp: 429659
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.7 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 45.35 ng
RT: 10.88 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:165 Resp: 72101
Ion Ratio Lower Upper
165 100
63 91.0 54.4 81.6#
89 83.2 55.7 83.5





#51

Acenaphthene

Concen: 39.85 ng

RT: 11.18 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

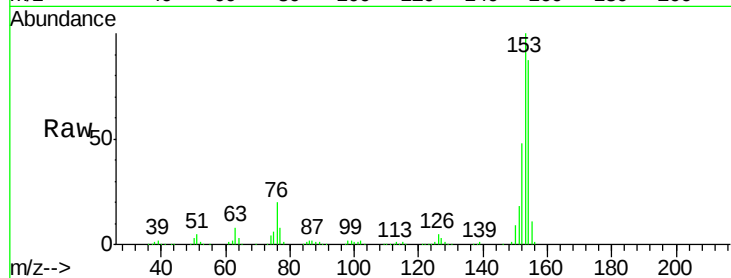
Tot Ion:154 Resp: 329706

Ion Ratio Lower Upper

154 100

153 114.8 91.5 137.3

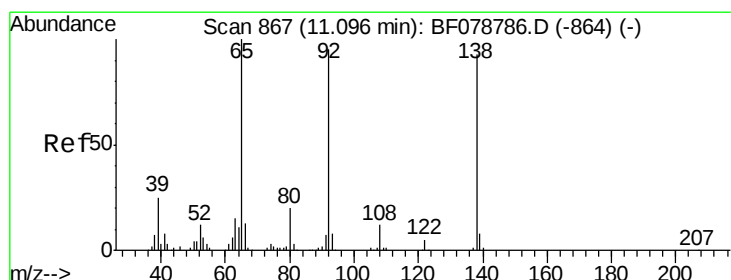
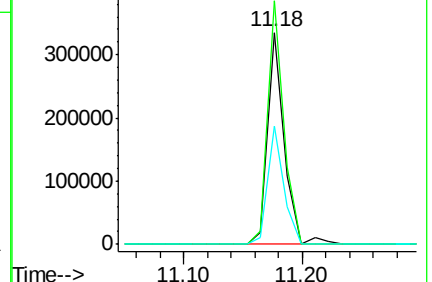
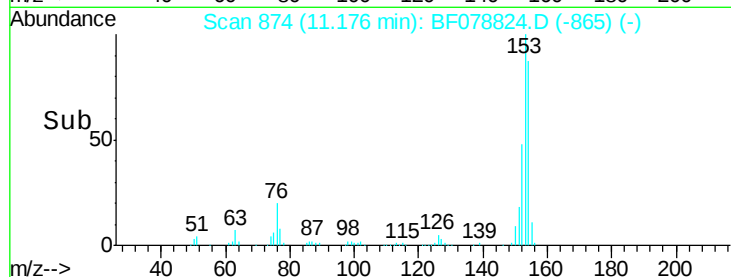
152 55.6 44.2 66.4



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: 30.65 ng

RT: 11.08 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

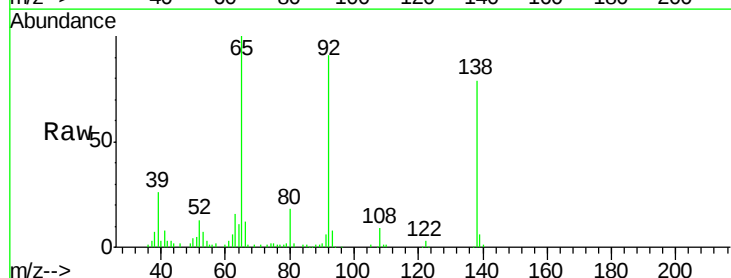
Tgt Ion:138 Resp: 63222

Ion Ratio Lower Upper

138 100

108 11.8 10.6 16.0

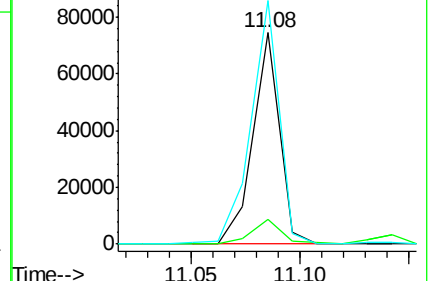
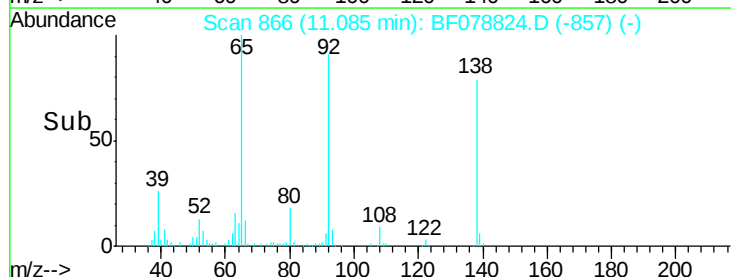
92 115.4 81.8 122.6

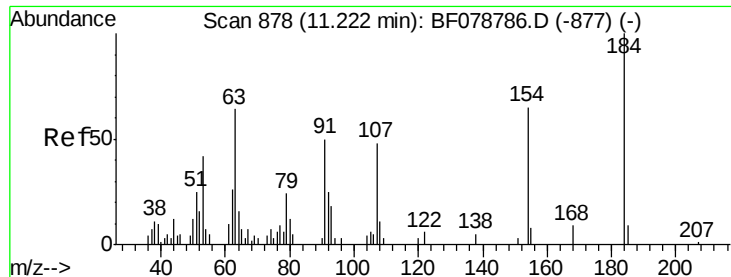


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

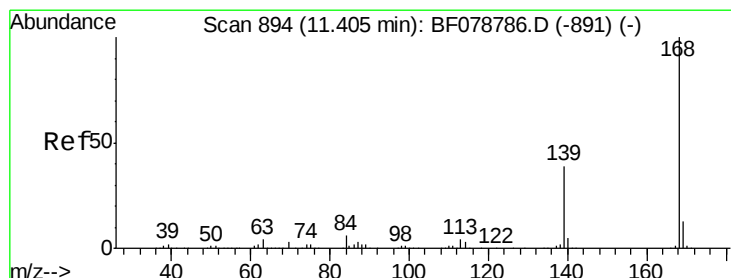
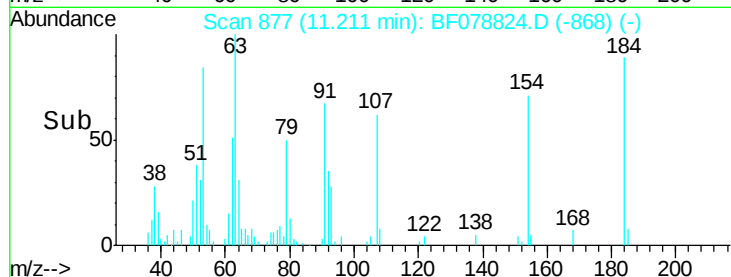
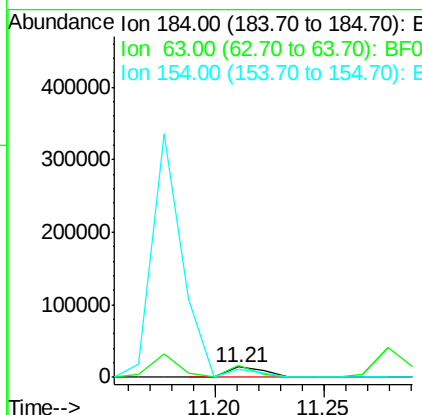
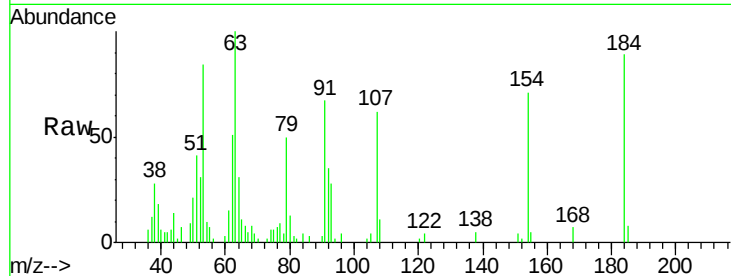




#53
 2,4-Dinitrophenol
 Concen: 66.37 ng
 RT: 11.21 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

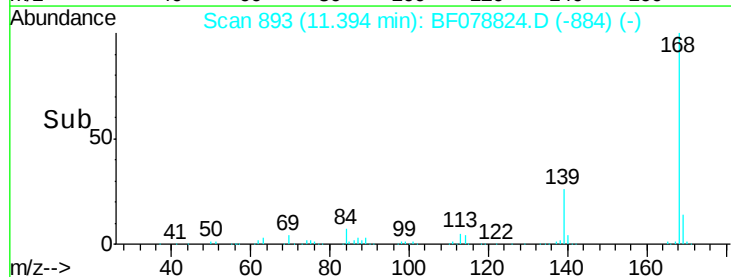
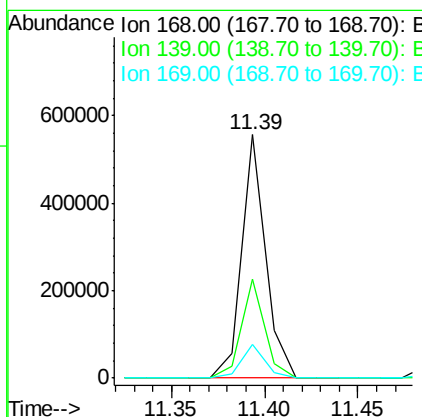
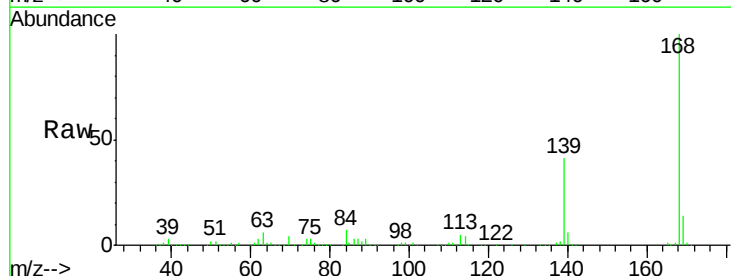
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MSD

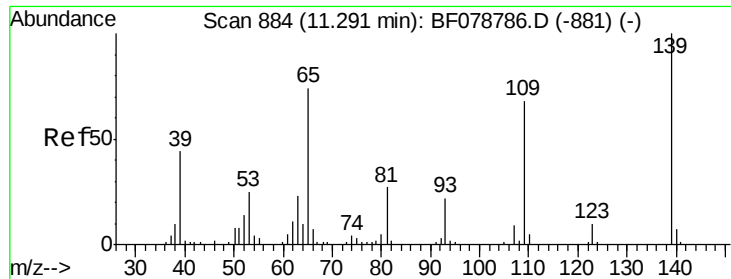
Tot Ion:184 Resp: 16234
 Ion Ratio Lower Upper
 184 100
 63 112.2 63.3 94.9#
 154 79.4 53.8 80.6



#54
 Dibenzofuran
 Concen: 40.86 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion:168 Resp: 495906
 Ion Ratio Lower Upper
 168 100
 139 40.7 31.0 46.4
 169 13.6 10.6 16.0

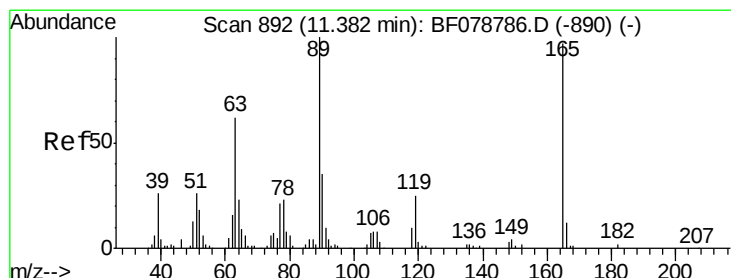
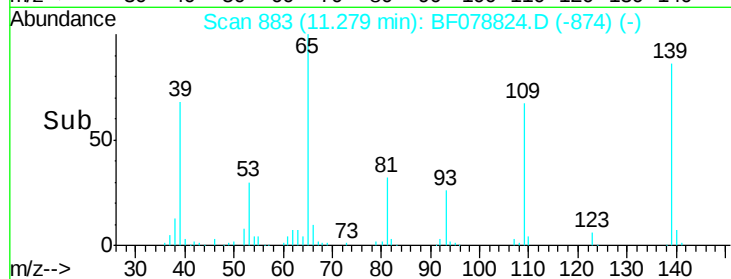
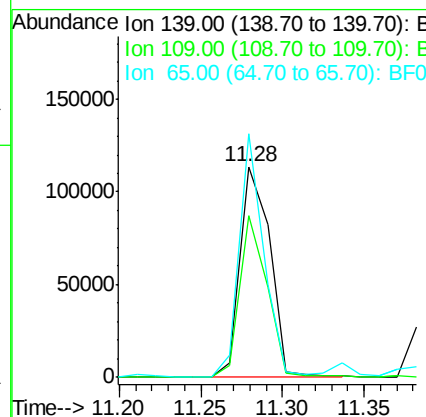
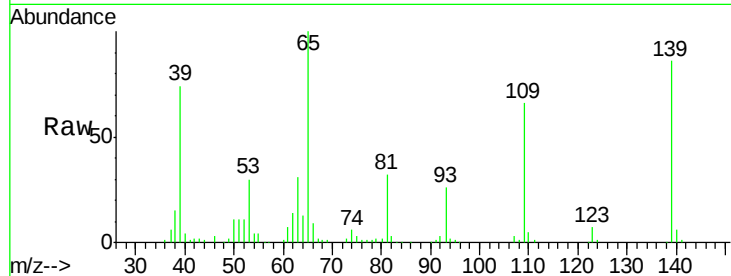




#55
4-Nitrophenol
Concen: 86.02 ng
RT: 11.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

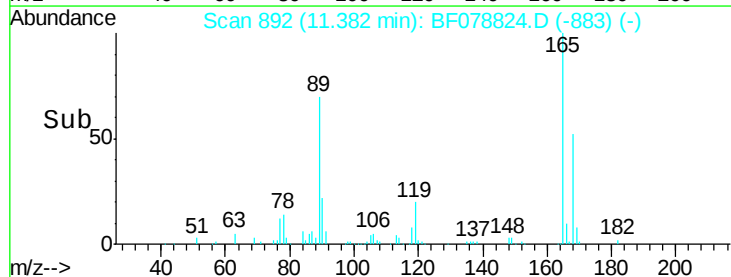
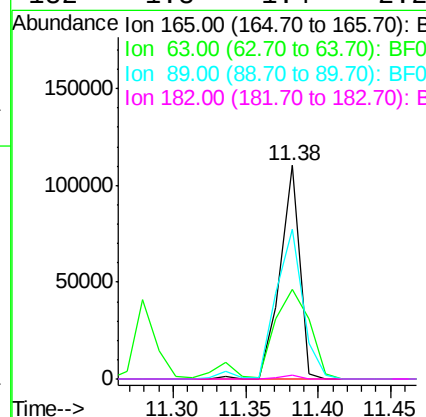
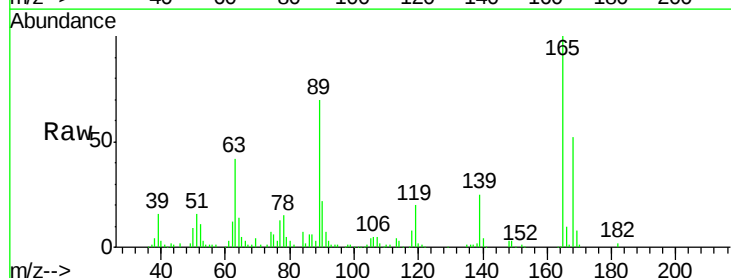
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MSD

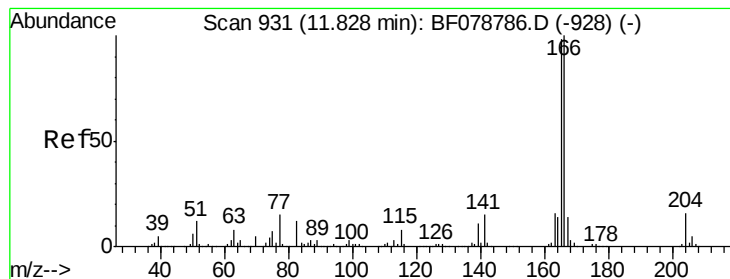
Tot Ion:139 Resp: 143268
Ion Ratio Lower Upper
139 100
109 76.7 47.6 87.6
65 115.6 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 52.66 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:165 Resp: 103873
Ion Ratio Lower Upper
165 100
63 42.0 51.2 76.8#
89 70.0 82.7 124.1#
182 1.8 1.4 2.2





#57

Fluorene

Concen: 40.61 ng

RT: 11.82 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

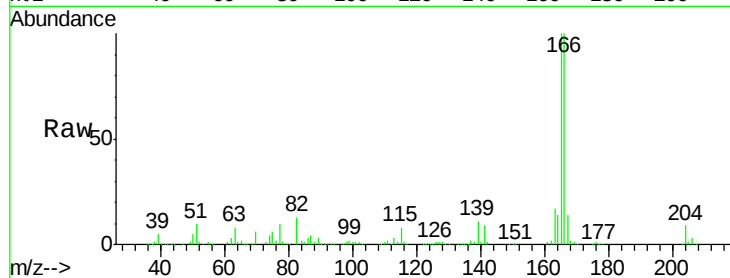
Tot Ion:166 Resp: 394026

Ion Ratio Lower Upper

166 100

165 99.5 78.5 117.7

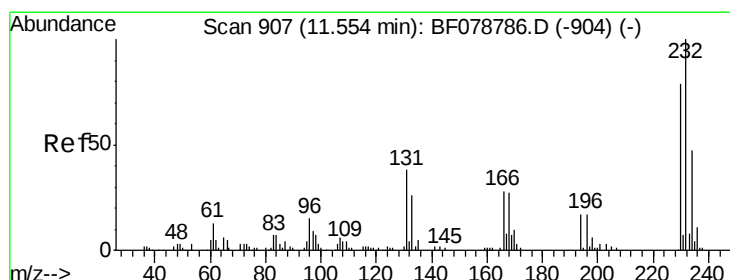
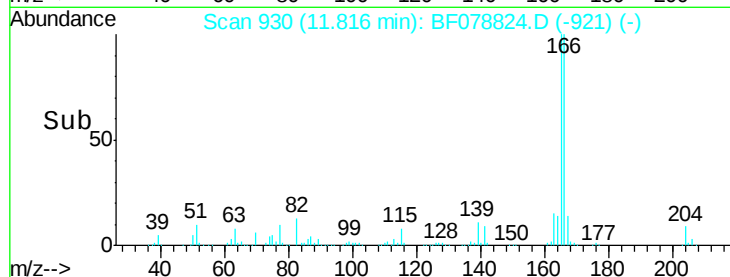
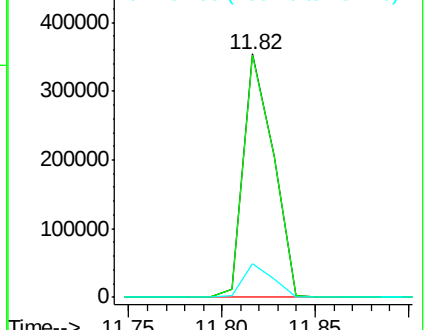
167 14.0 11.0 16.6



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: 46.56 ng

RT: 11.54 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Tgt Ion:232 Resp: 87949

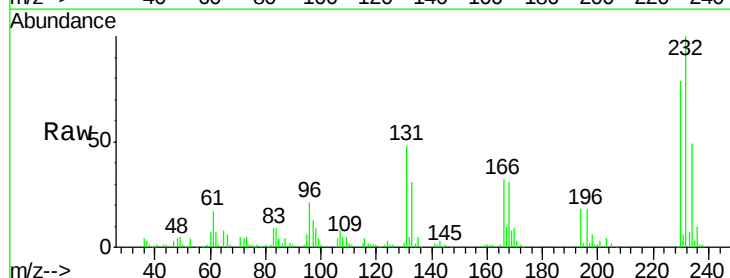
Ion Ratio Lower Upper

232 100

131 53.3 0.0 0.0#

130 2.6 0.0 0.0#

166 34.1 0.0 0.0#

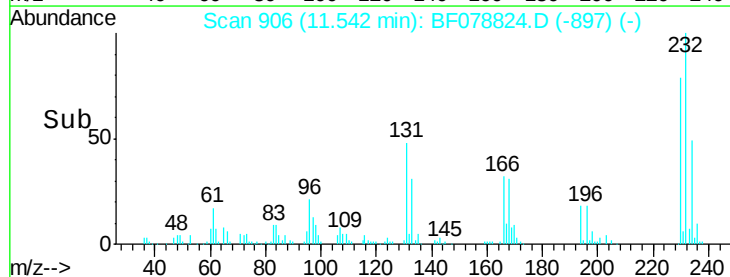
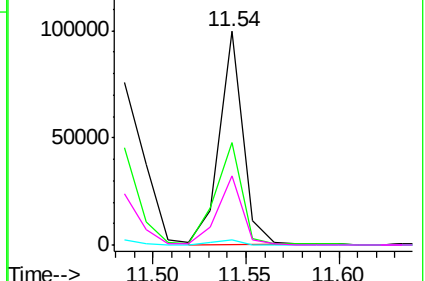


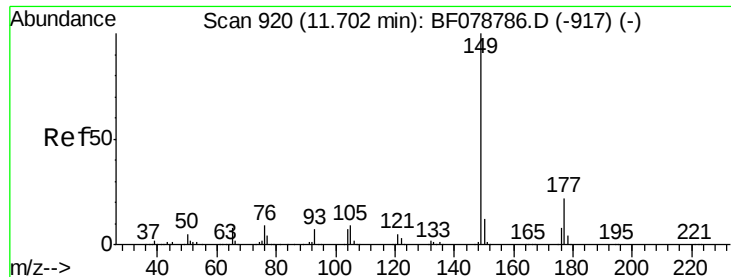
Abundance Ion 232.00 (231.70 to 232.70): E

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

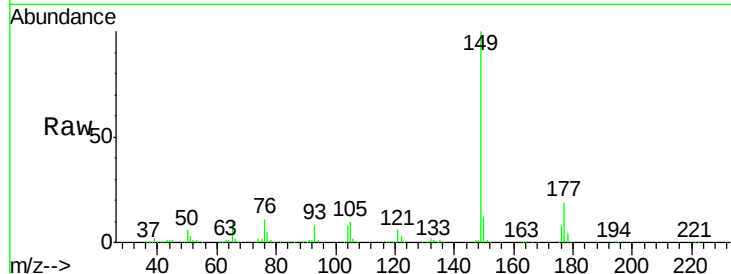




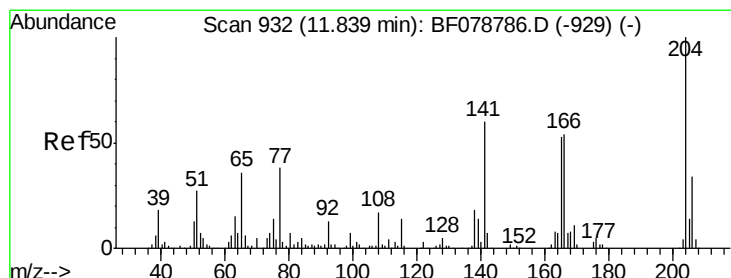
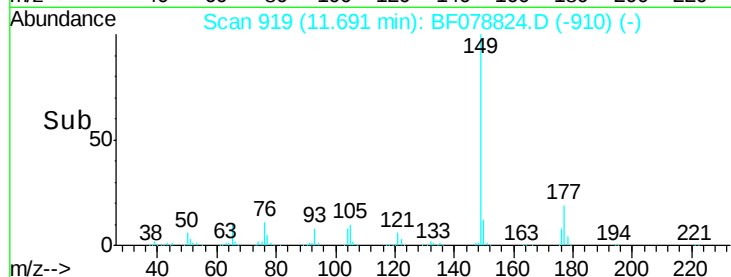
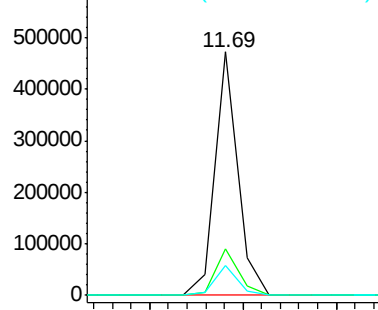
#59
Diethylphthalate
Concen: 41.28 ng
RT: 11.69 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

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

Tot Ion:149 Resp: 400827
Ion Ratio Lower Upper
149 100
177 19.3 17.5 26.3
150 12.2 9.6 14.4

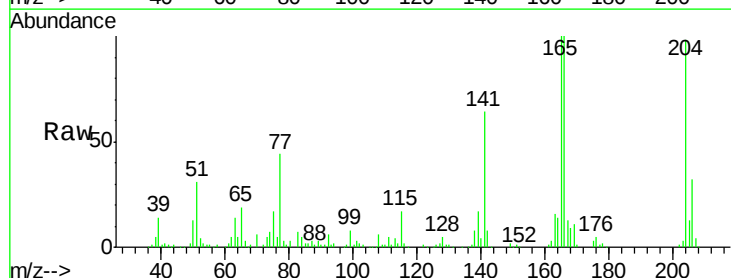


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

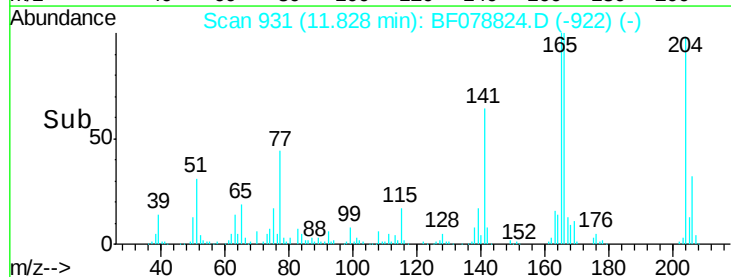
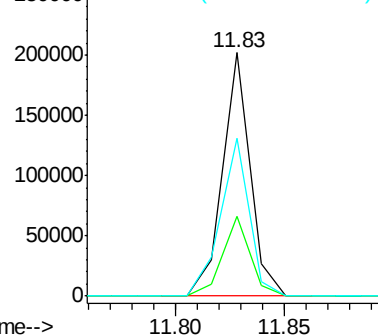


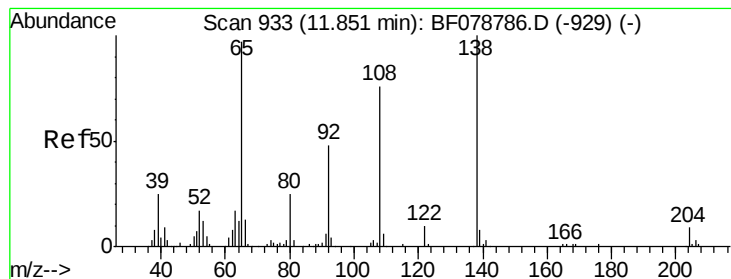
#60
4-Chlorophenyl-phenylether
Concen: 41.09 ng
RT: 11.83 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:204 Resp: 177373
Ion Ratio Lower Upper
204 100
206 32.6 26.9 40.3
141 65.0 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: 42.53 ng

RT: 11.84 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

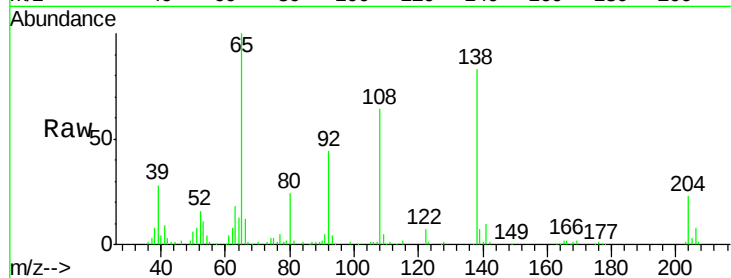
Tot Ion:138 Resp: 88644

Ion Ratio Lower Upper

138 100

92 53.2 28.0 68.0

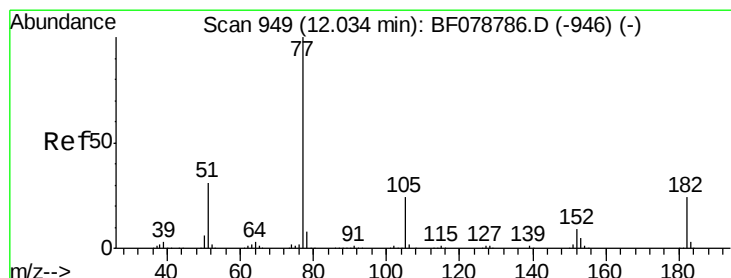
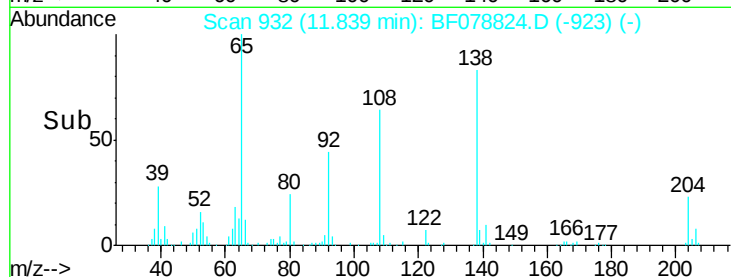
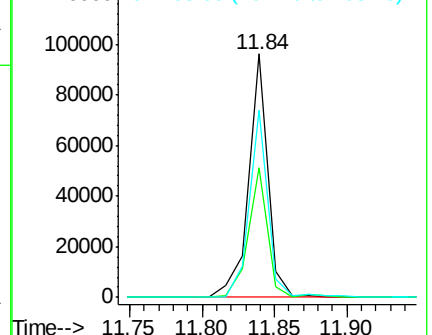
108 76.8 56.3 96.3



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: 47.60 ng

RT: 12.02 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Tgt Ion: 77 Resp: 471303

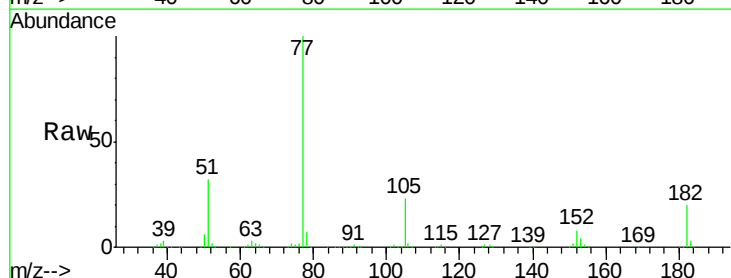
Ion Ratio Lower Upper

77 100

182 19.9 3.8 43.8

105 22.8 3.9 43.9

51 32.0 10.8 50.8

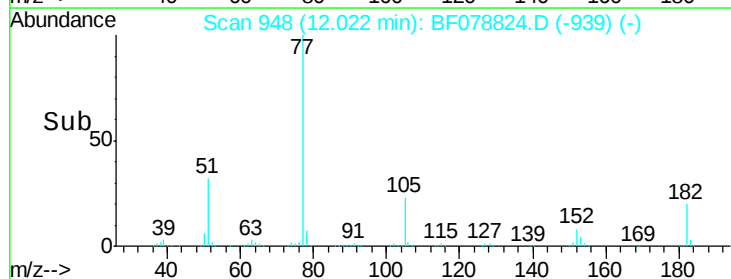
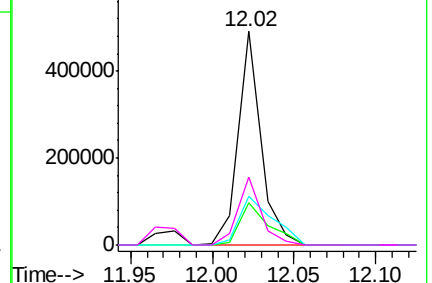


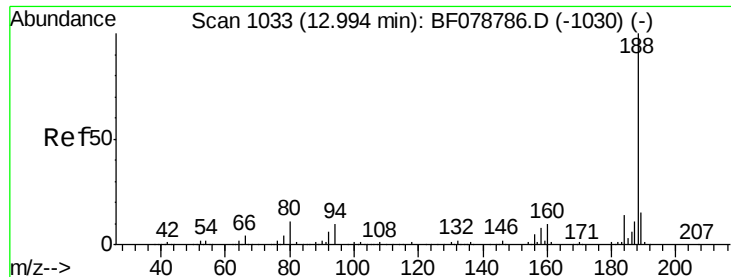
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

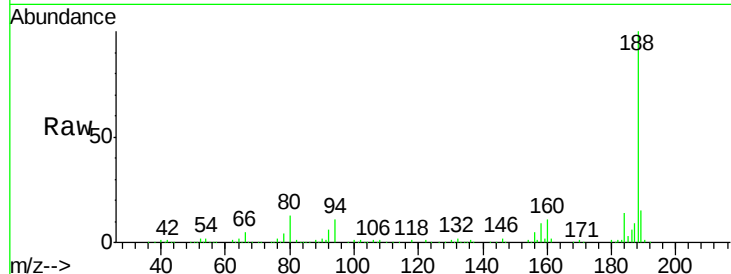




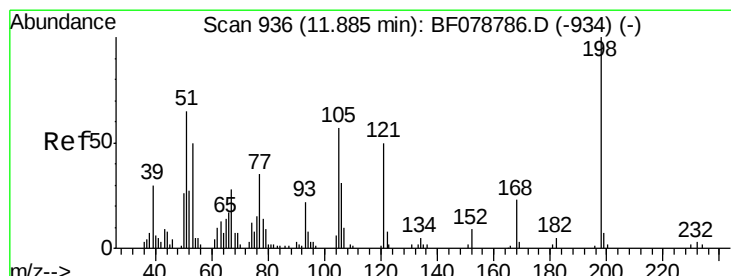
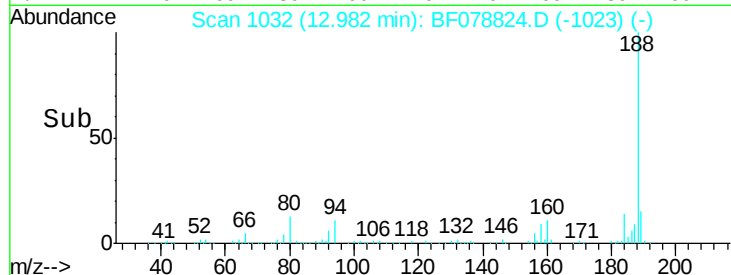
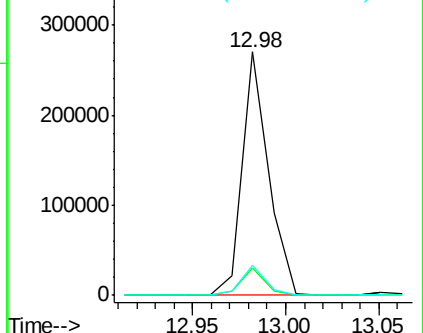
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

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

Tot Ion:188 Resp: 264305
Ion Ratio Lower Upper
188 100
94 11.4 8.2 12.2
80 12.5 8.9 13.3

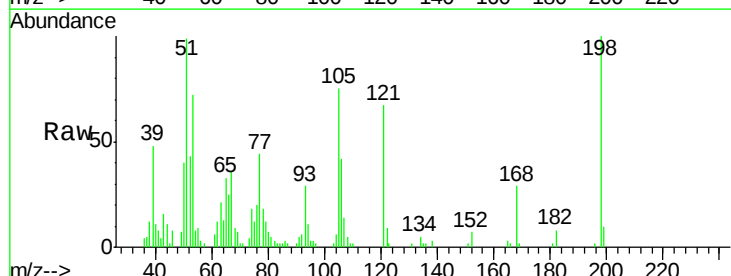


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

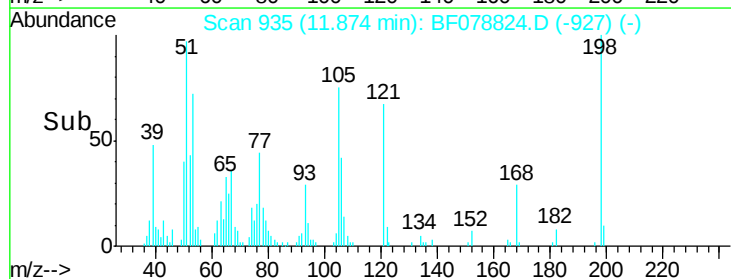
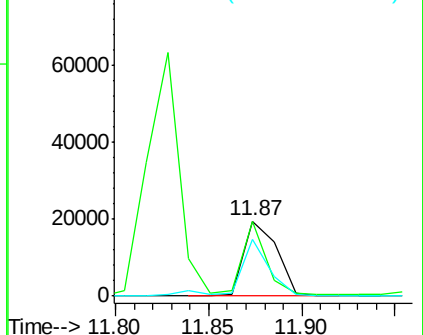


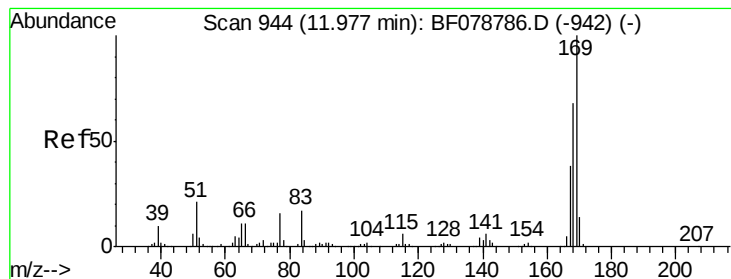
#64
4,6-Dinitro-2-methylphenol
Concen: 53.17 ng
RT: 11.87 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:198 Resp: 24017
Ion Ratio Lower Upper
198 100
51 99.2 47.3 87.3#
105 75.1 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: 40.78 ng

RT: 11.98 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

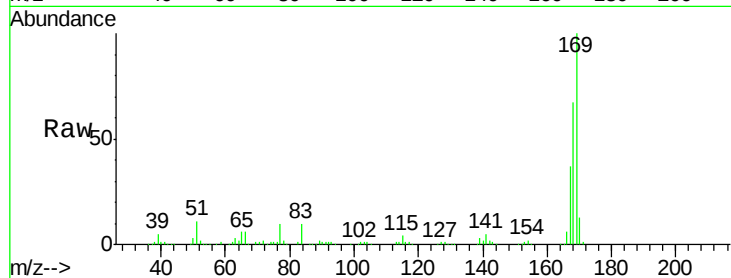
Tot Ion:169 Resp: 348434

Ion Ratio Lower Upper

169 100

168 67.3 54.6 82.0

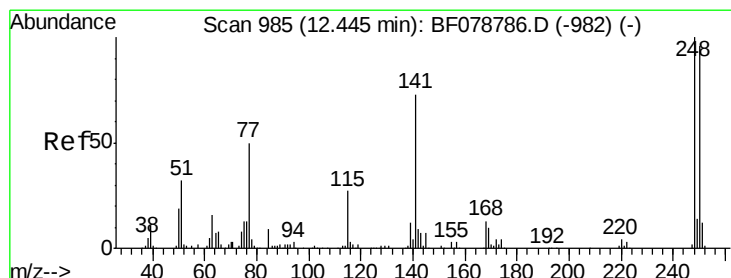
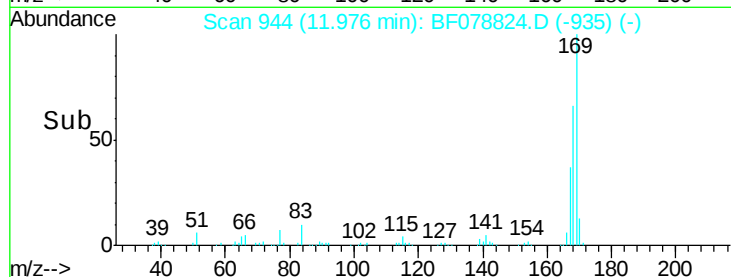
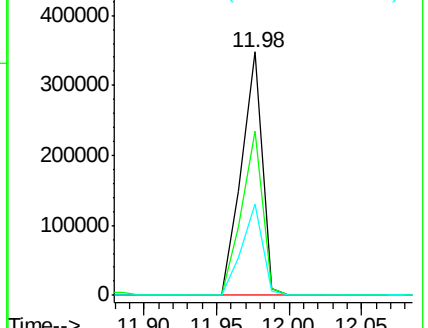
167 37.3 30.6 45.8



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: 40.67 ng

RT: 12.43 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

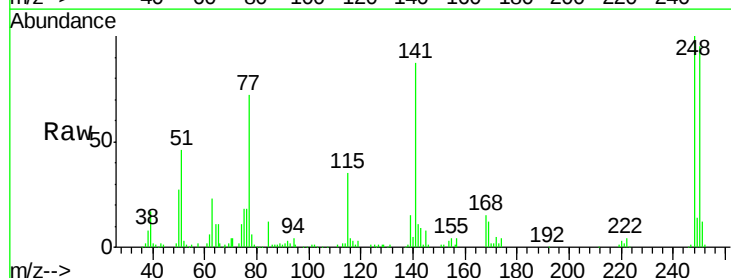
Tgt Ion:248 Resp: 108511

Ion Ratio Lower Upper

248 100

250 95.4 77.1 115.7

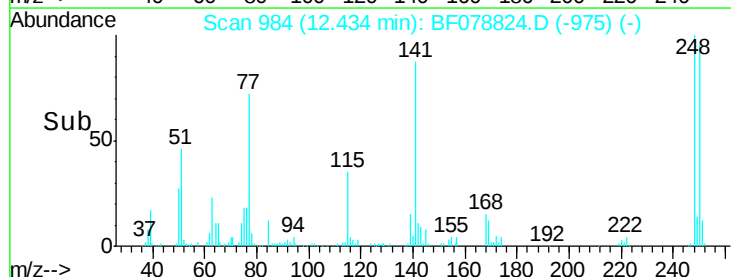
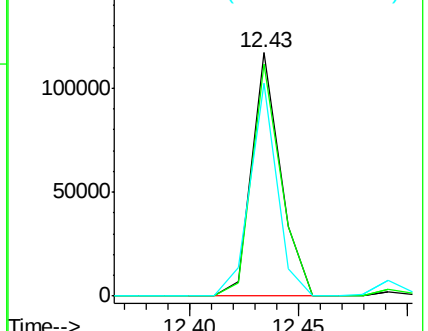
141 87.5 58.8 88.2

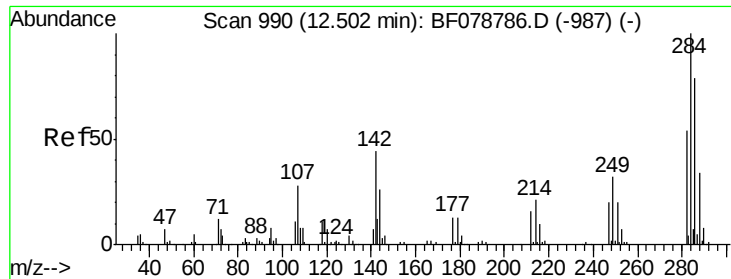


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

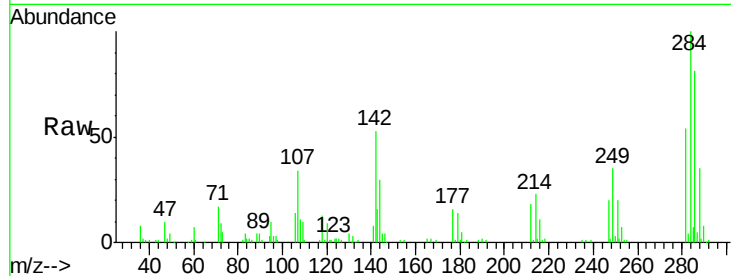




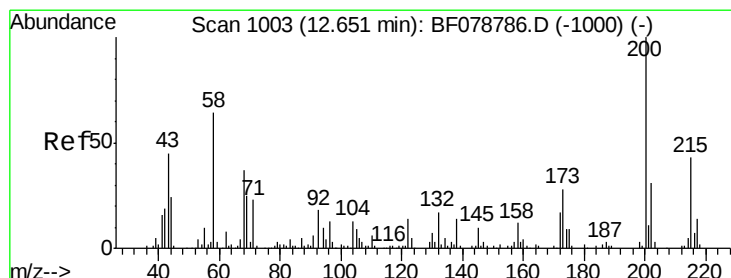
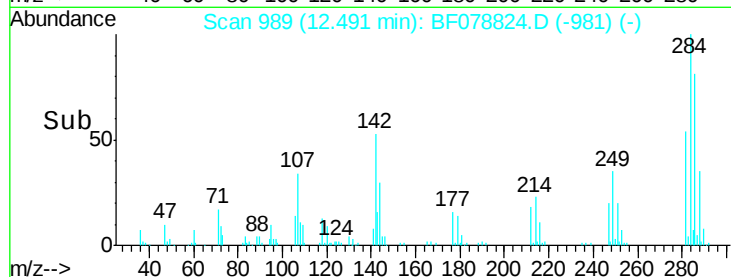
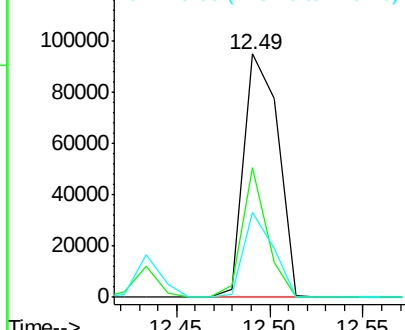
#67
Hexachlorobenzene
Concen: 40.06 ng
RT: 12.49 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

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

Tot Ion:284 Resp: 121059
Ion Ratio Lower Upper
284 100
142 53.1 35.2 52.8#
249 34.8 25.4 38.2

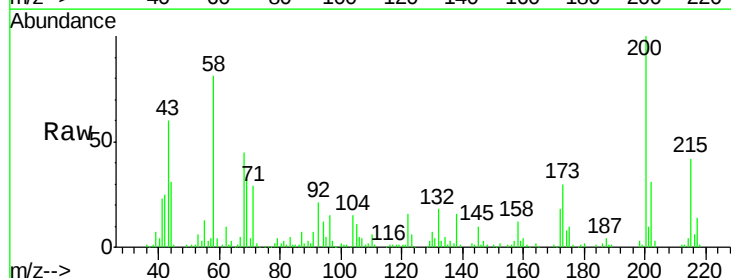


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

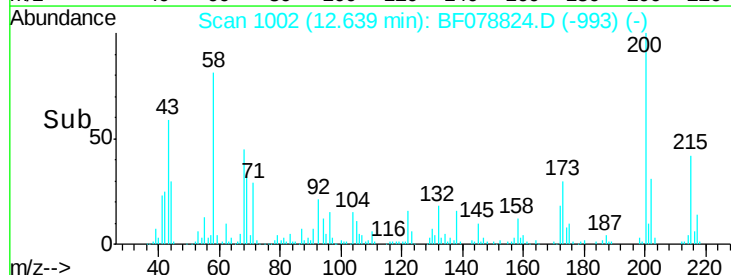
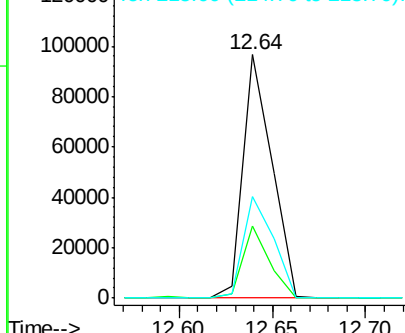


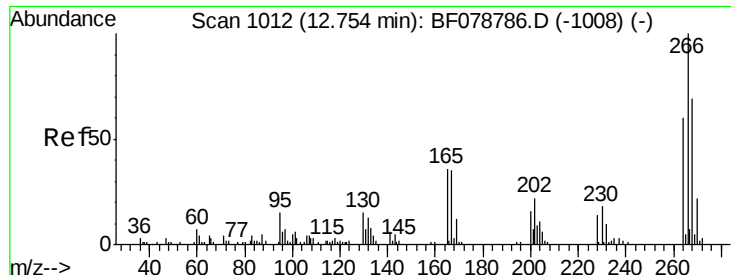
#68
Atrazine
Concen: 45.35 ng
RT: 12.64 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:200 Resp: 103785
Ion Ratio Lower Upper
200 100
173 29.5 8.1 48.1
215 41.9 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

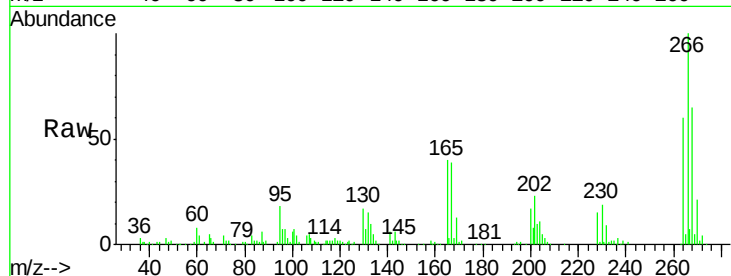




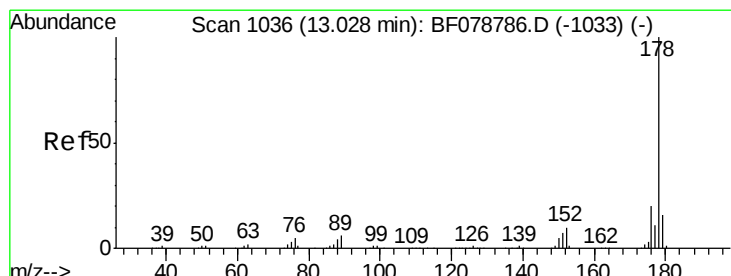
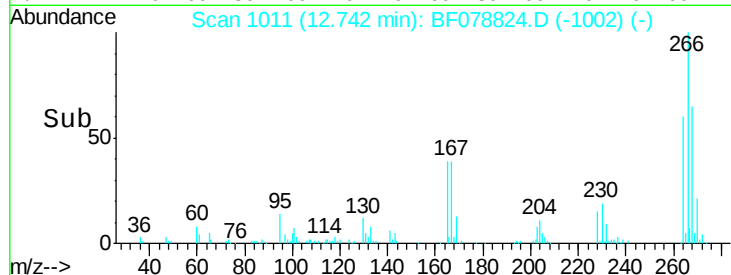
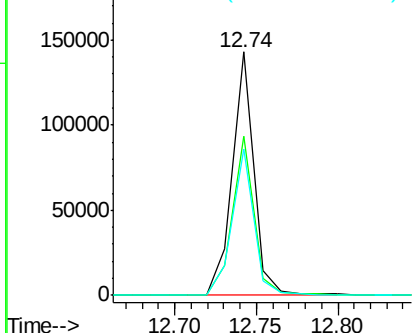
#69
 Pentachlorophenol
 Concen: 82.05 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

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

Tot Ion:266 Resp: 130416
 Ion Ratio Lower Upper
 266 100
 268 65.3 55.0 82.6
 264 60.0 48.2 72.2

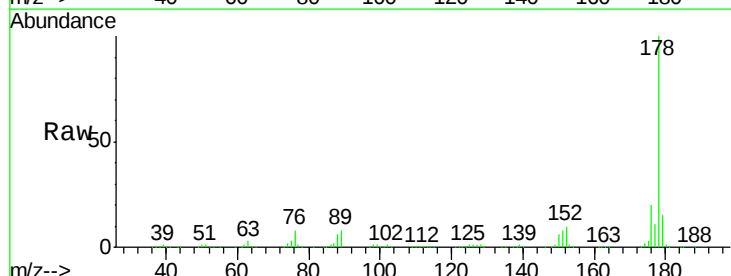


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

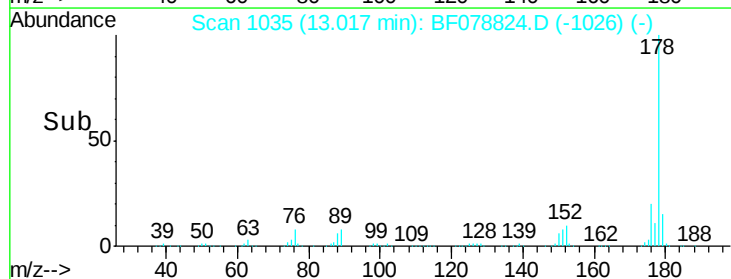
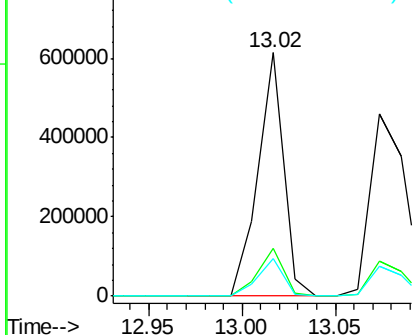


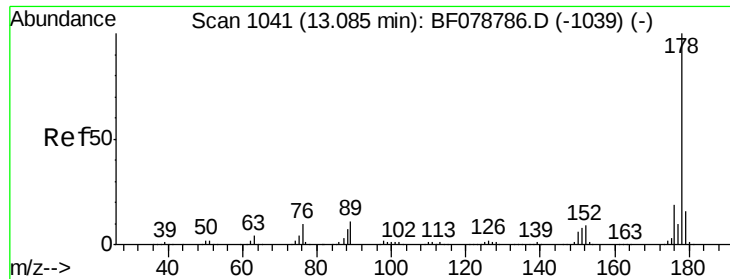
#70
 Phenanthrene
 Concen: 40.59 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion:178 Resp: 580888
 Ion Ratio Lower Upper
 178 100
 176 19.7 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

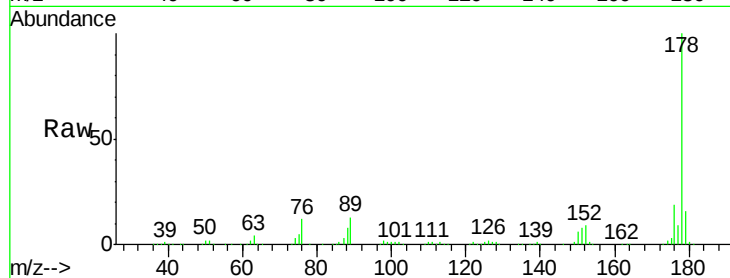




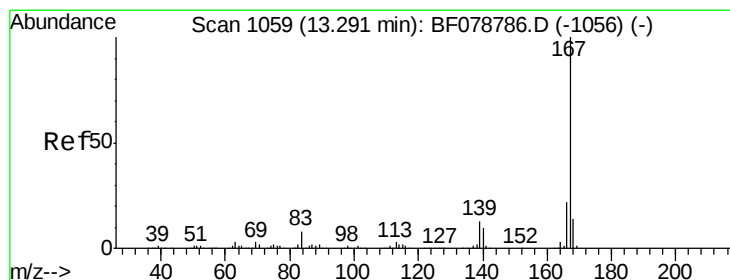
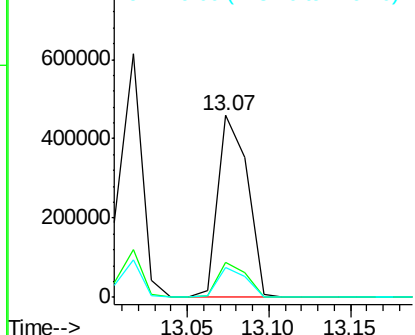
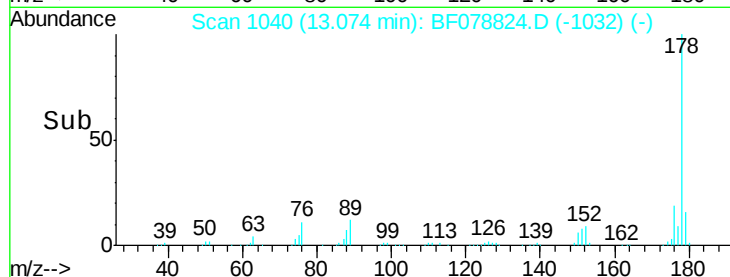
#71
 Anthracene
 Concen: 40.97 ng
 RT: 13.07 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

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

Tot Ion:178 Resp: 573244
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 16.3 12.7 19.1

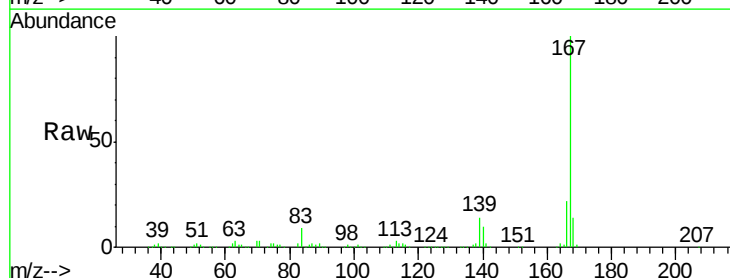


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

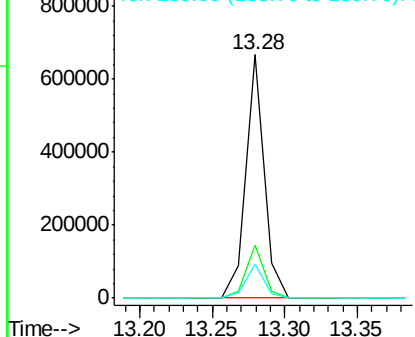
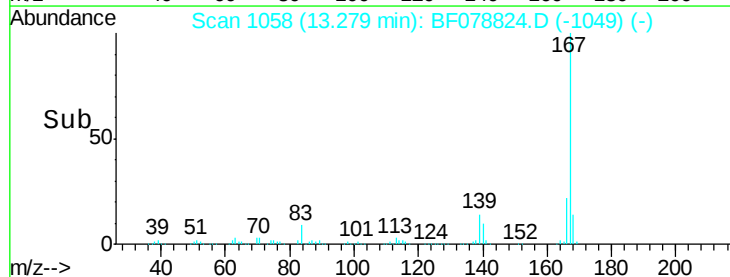


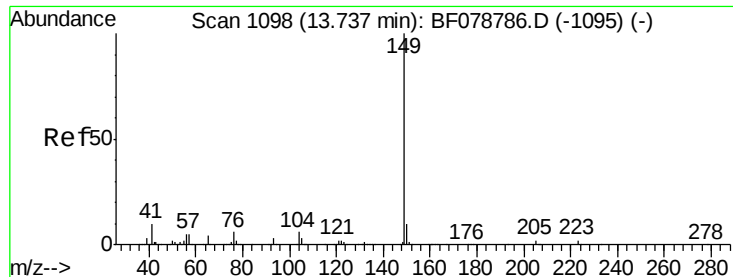
#72
 Carbazole
 Concen: 44.48 ng
 RT: 13.28 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion:167 Resp: 587692
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 13.8 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.45 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

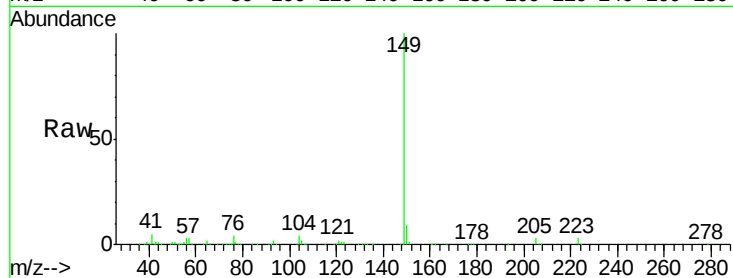
Tot Ion:149 Resp: 634447

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

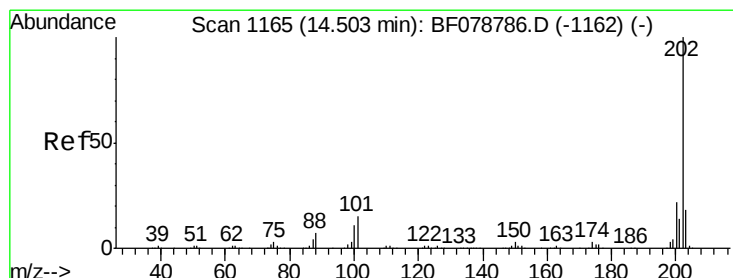
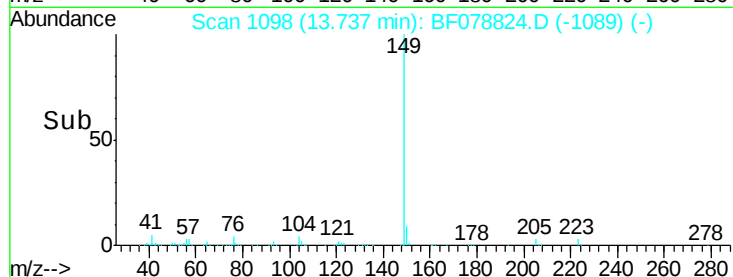
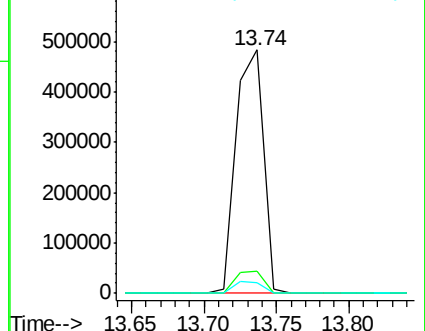
104 4.2 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.98 ng

RT: 14.49 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

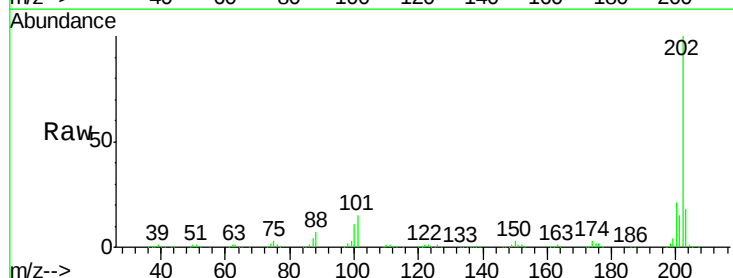
Tgt Ion:202 Resp: 613391

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.6

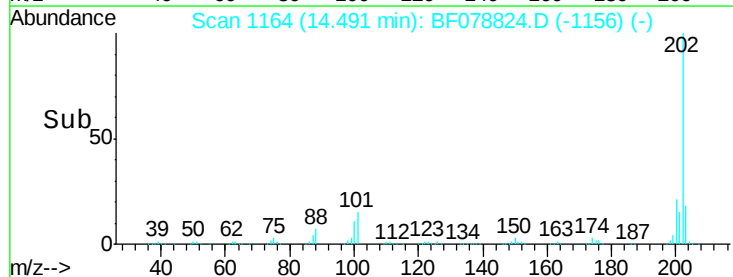
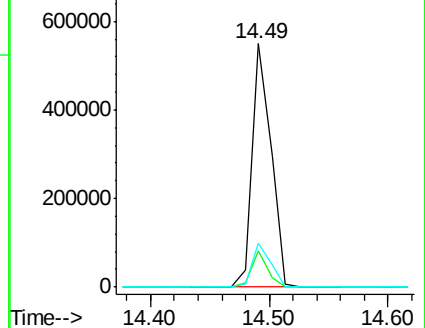
203 17.9 0.0 38.4

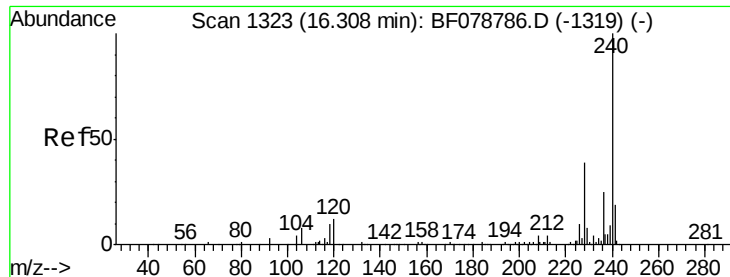


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

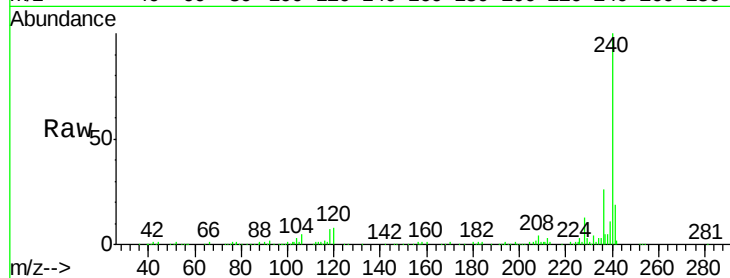
Tot Ion:240 Resp: 276445

Ion Ratio Lower Upper

240 100

120 8.2 9.7 14.5#

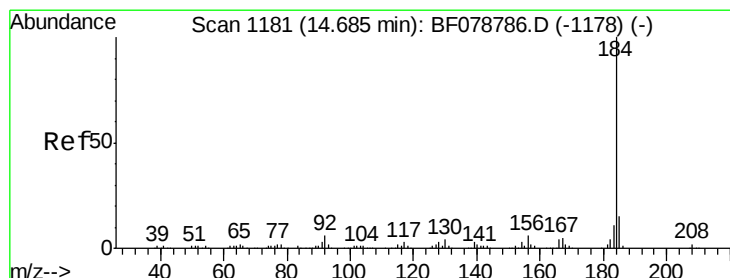
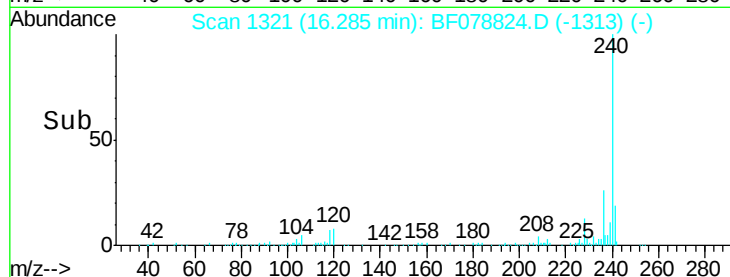
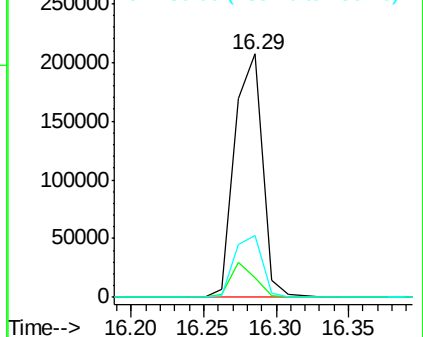
236 25.5 20.2 30.4



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: 16.90 ng

RT: 14.67 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

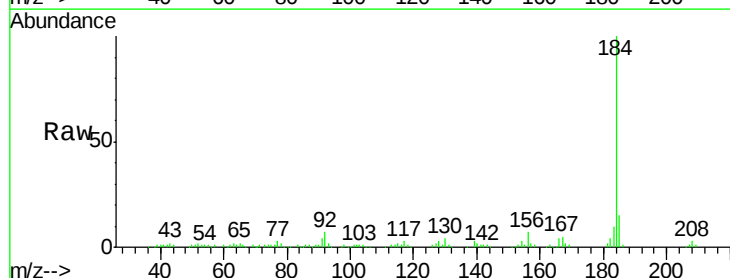
Tgt Ion:184 Resp: 151195

Ion Ratio Lower Upper

184 100

185 14.6 12.3 18.5

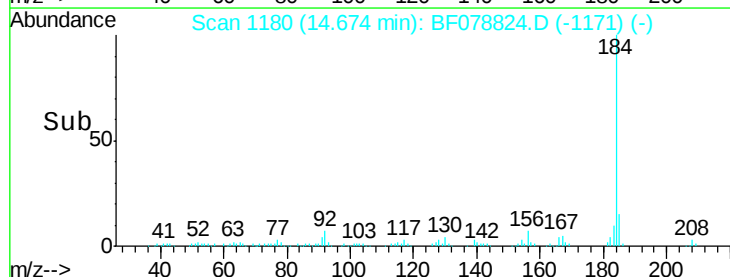
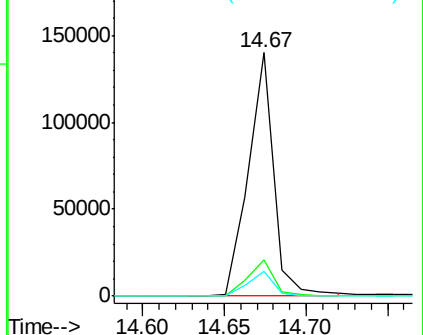
183 10.1 8.4 12.6

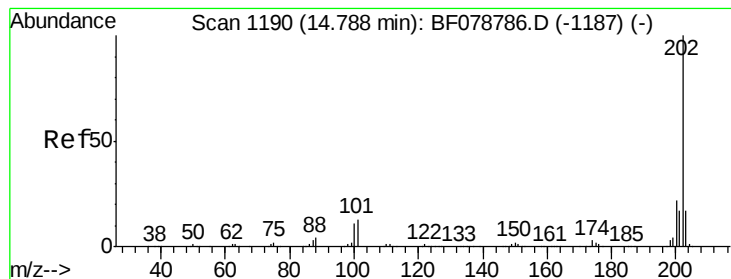


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.47 ng

RT: 14.78 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

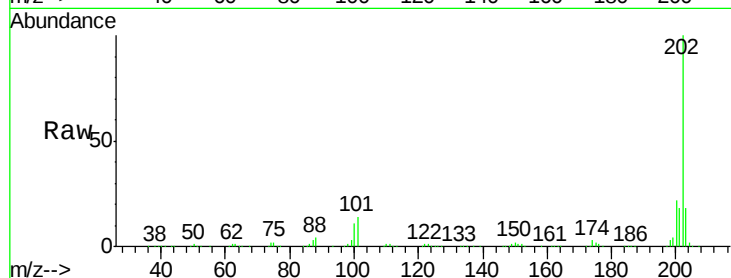
Tot Ion:202 Resp: 653696

Ion Ratio Lower Upper

202 100

200 21.8 17.5 26.3

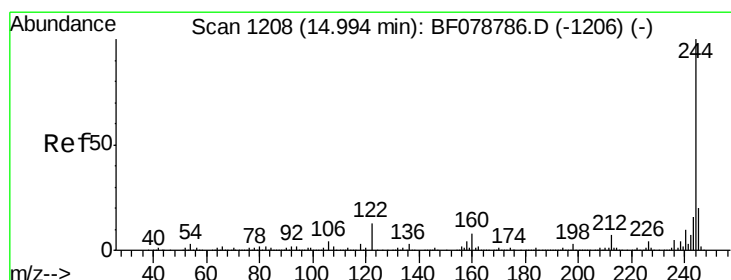
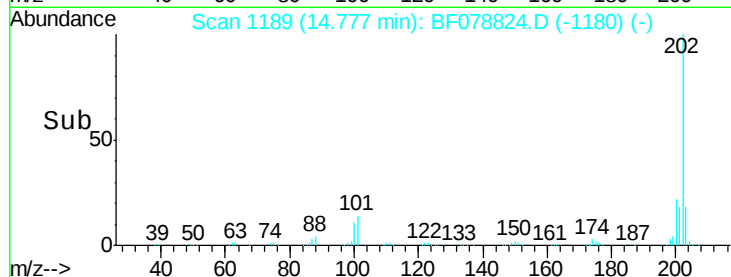
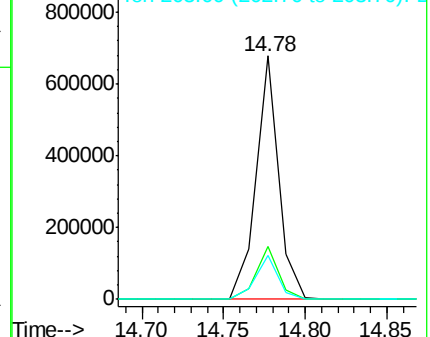
203 17.8 13.9 20.9



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: 76.07 ng

RT: 14.98 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

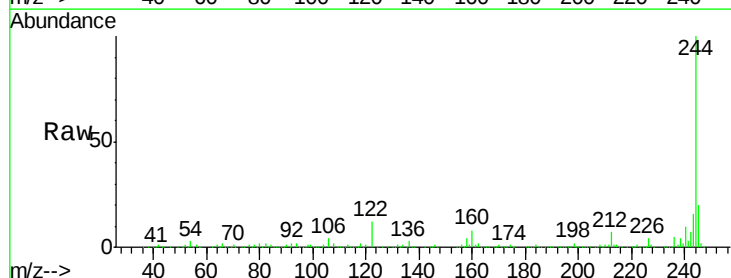
Tgt Ion:244 Resp: 882975

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

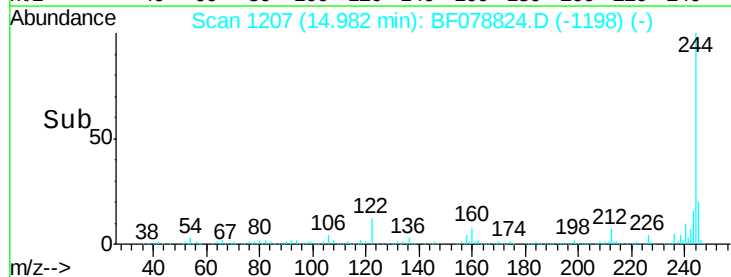
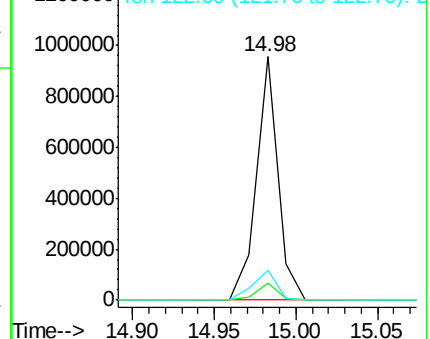
122 12.1 10.3 15.5

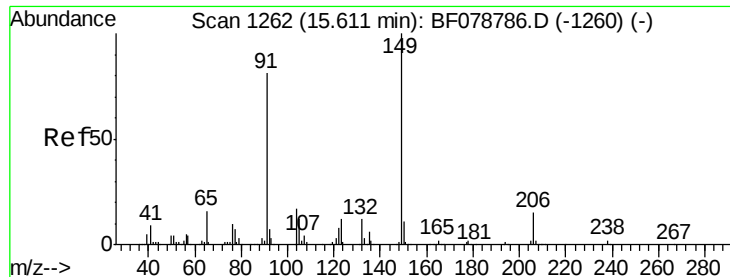


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

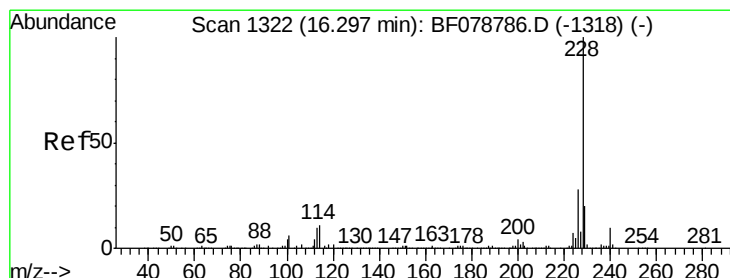
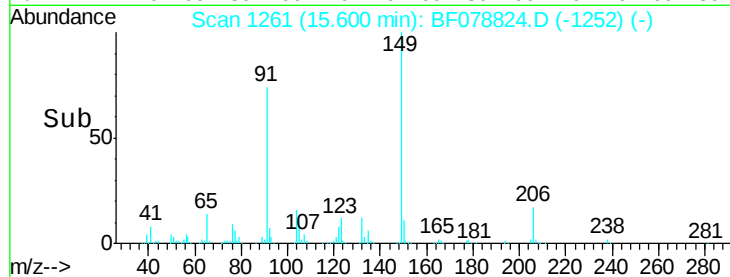
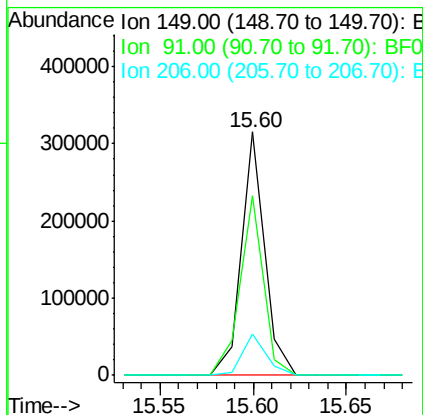
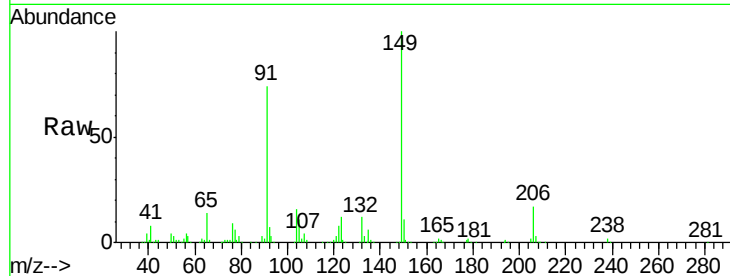




#79
Butylbenzylphthalate
Concen: 44.29 ng
RT: 15.60 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

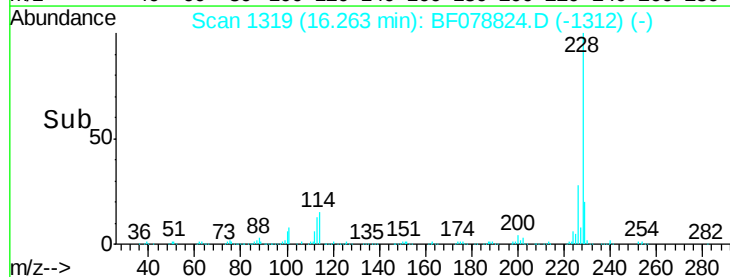
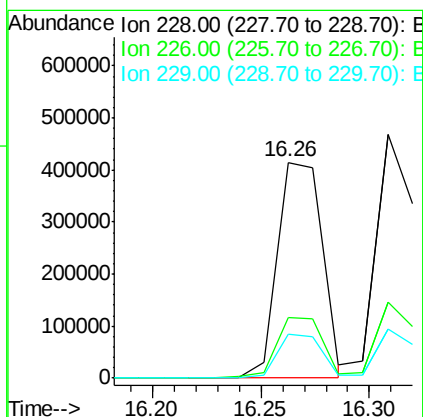
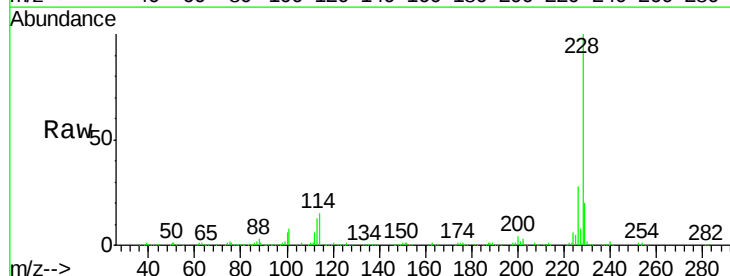
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MSD

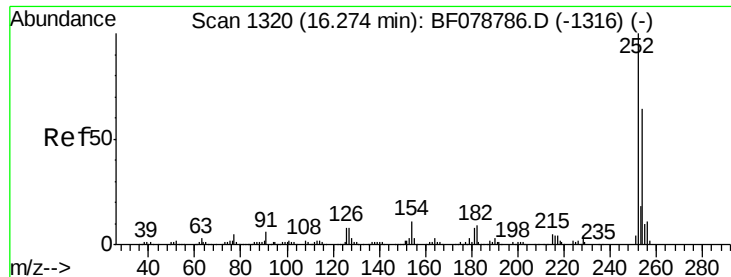
Tot Ion:149 Resp: 274352
Ion Ratio Lower Upper
149 100
91 73.6 64.6 97.0
206 17.1 12.2 18.4



#80
Benzo(a)anthracene
Concen: 40.52 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:228 Resp: 600929
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.5 15.9 23.9

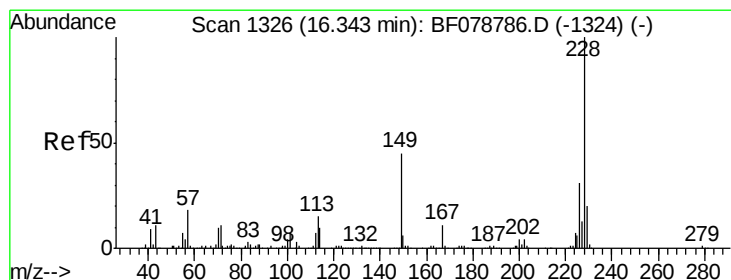
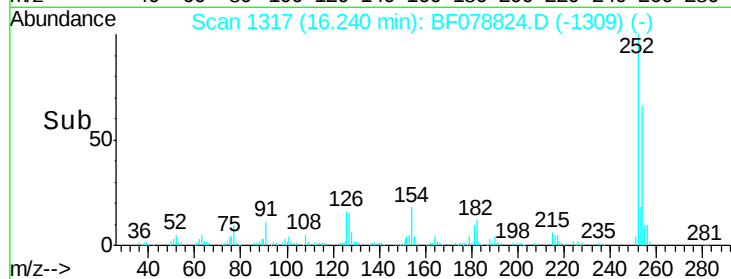
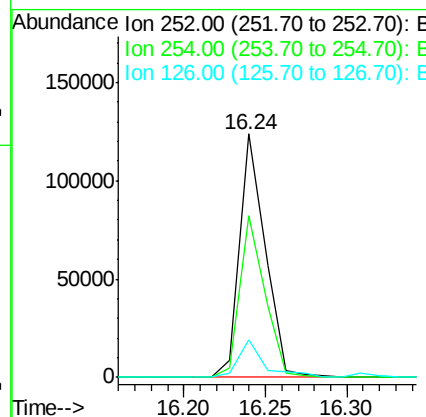
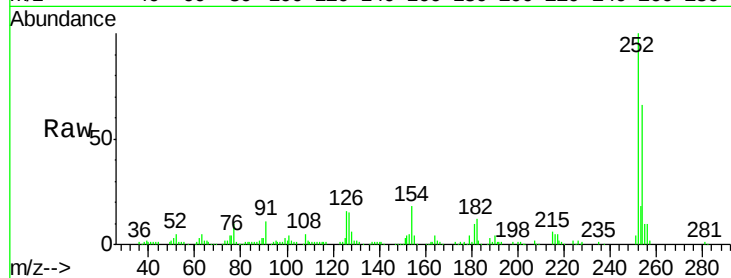




#81
 3,3'-Dichlorobenzidine
 Concen: 26.48 ng
 RT: 16.24 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

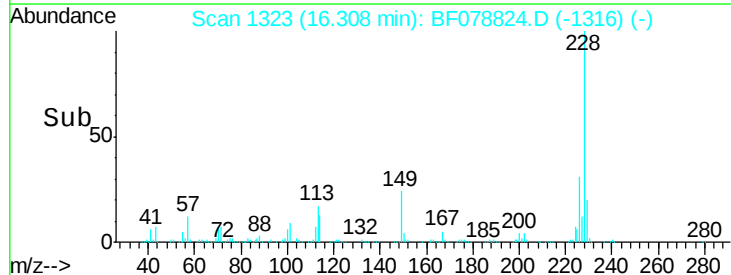
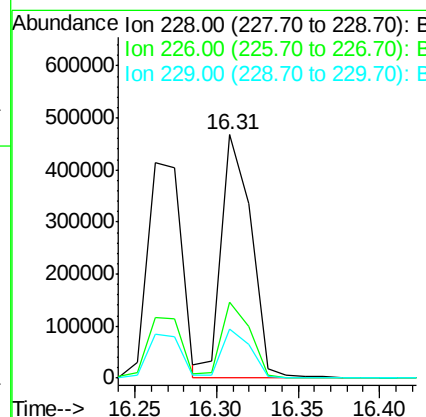
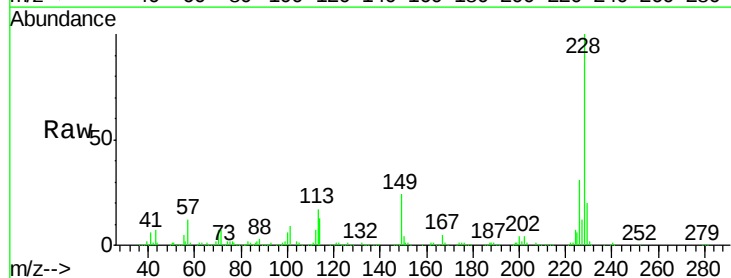
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MSD

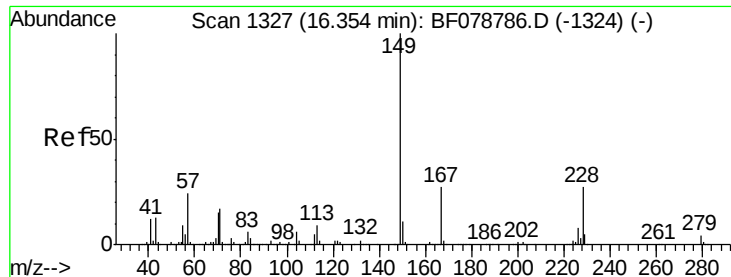
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.3	76.9
126	15.7	6.6	10.0



#82
 Chrysene
 Concen: 40.64 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.4	16.0	24.0

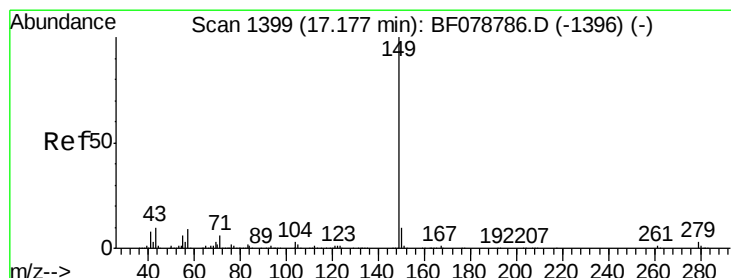
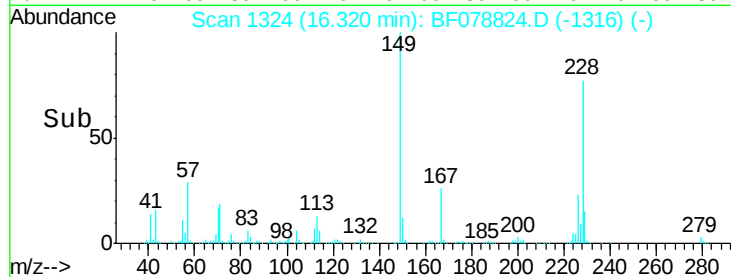
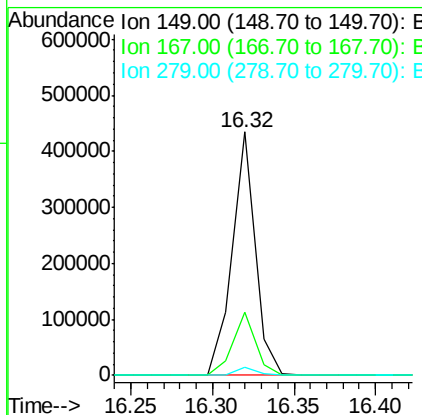
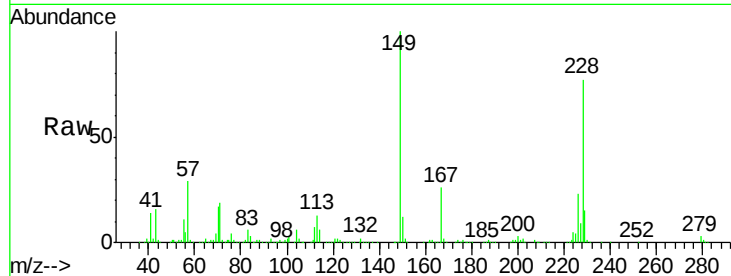




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.46 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

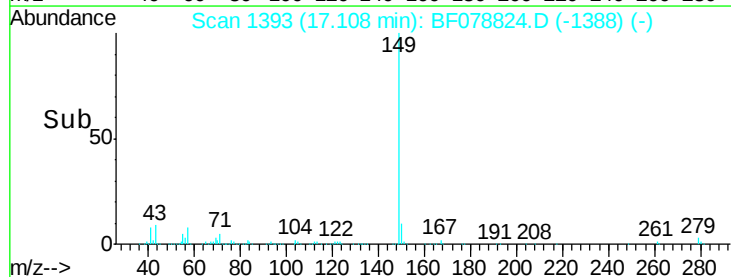
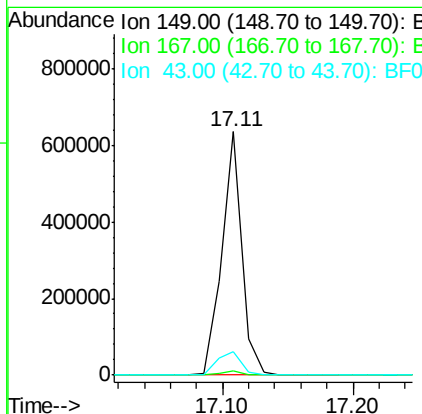
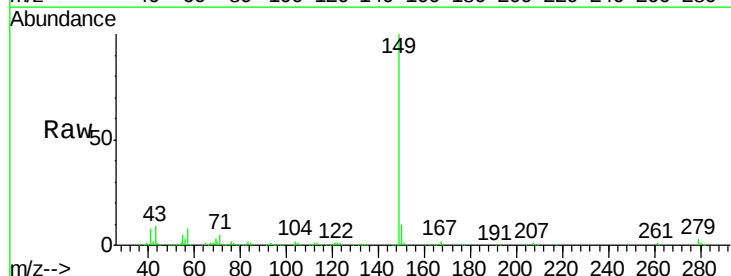
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)MSD

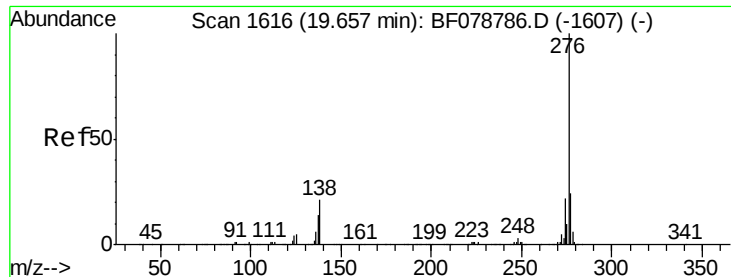
Tot Ion:149 Resp: 422111
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.8 32.8
 279 3.1 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 43.01 ng
 RT: 17.11 min Scan# 1393
 Delta R.T. -0.05 min
 Lab File: BF078824.D
 Acq: 29 Apr 2015 20:23

Tgt Ion:149 Resp: 680383
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 11.6 0.0 0.0#

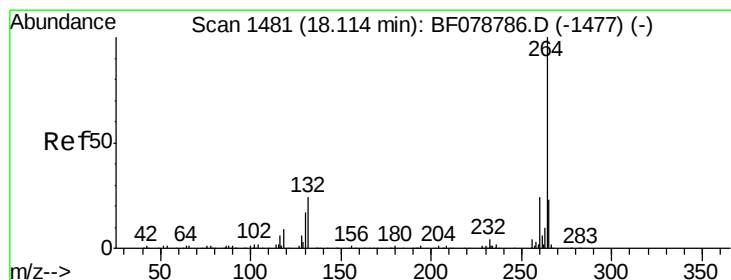
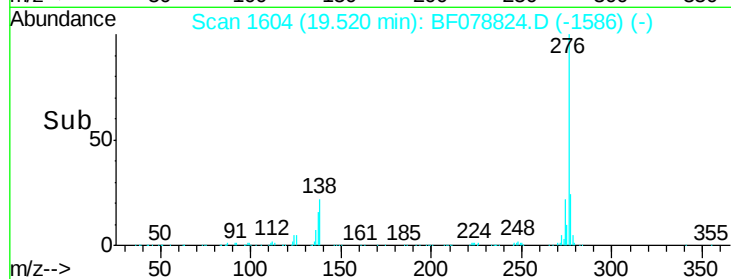
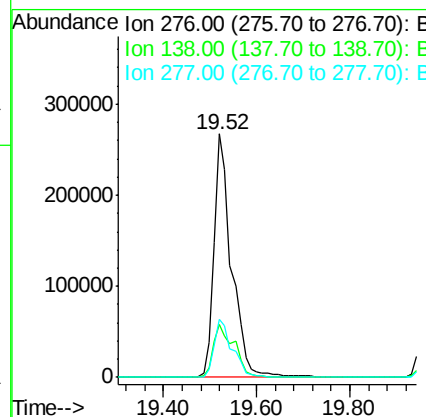
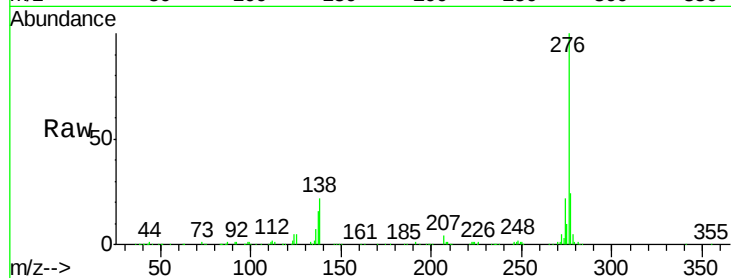




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.34 ng
RT: 19.52 min Scan# 1604
Delta R.T. -0.09 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

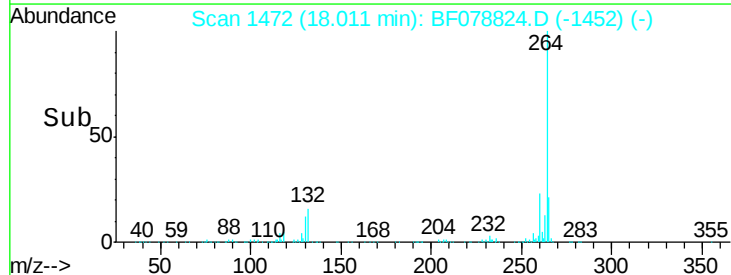
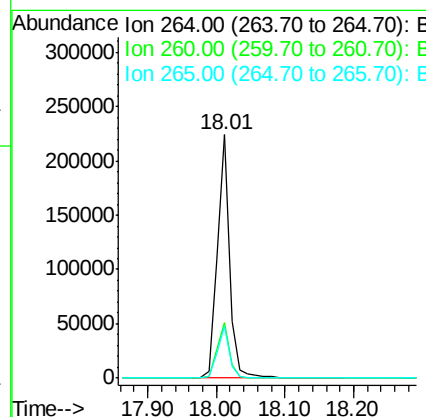
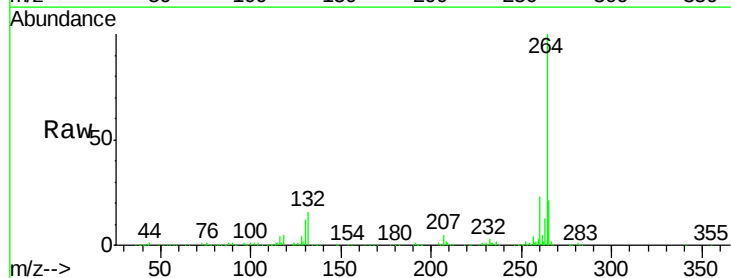
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MSD

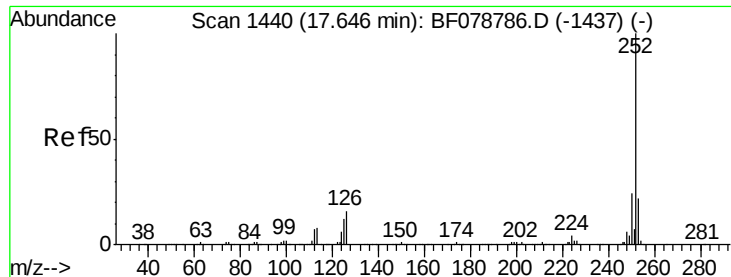
Tot Ion:276 Resp: 710853
Ion Ratio Lower Upper
276 100
138 25.9 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:264 Resp: 282287
Ion Ratio Lower Upper
264 100
260 22.6 19.4 29.2
265 21.1 18.3 27.5





#87

Benzo(b)fluoranthene

Concen: 43.78 ng

RT: 17.55 min Scan# 1432

Delta R.T. -0.07 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

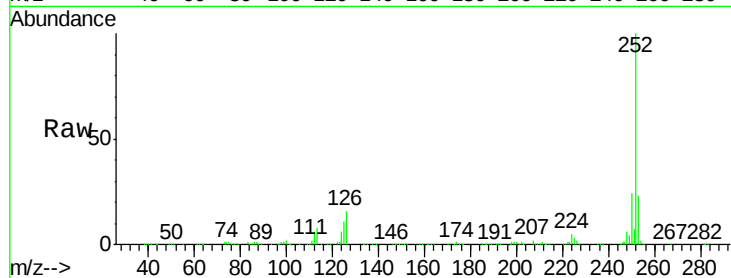
Tot Ion:252 Resp: 668900

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

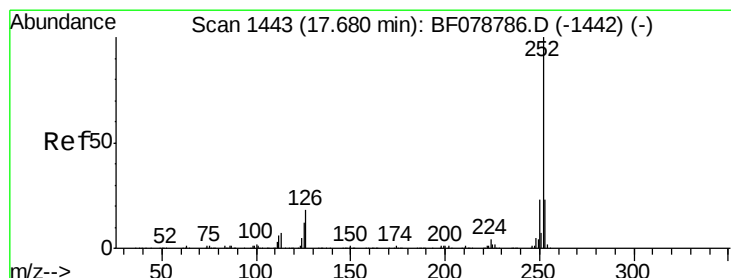
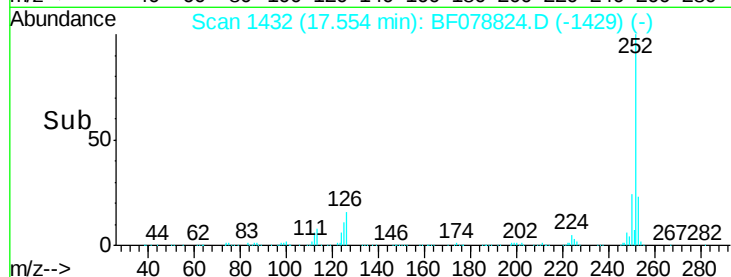
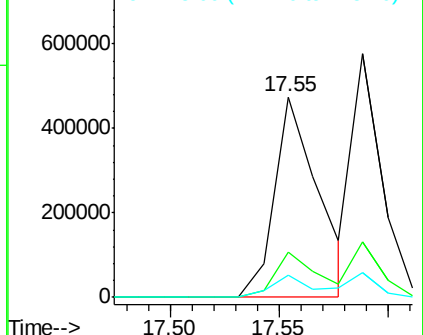
125 11.2 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.71 ng m

RT: 17.59 min Scan# 1435

Delta R.T. -0.07 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

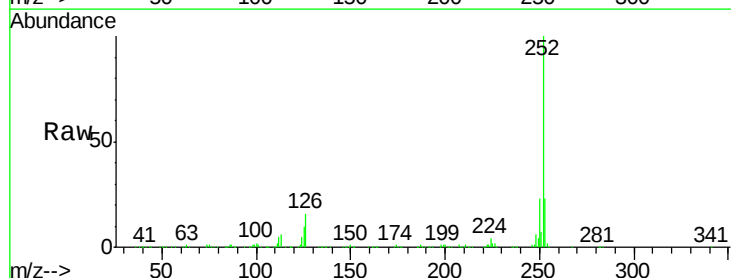
Tgt Ion:252 Resp: 558429

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

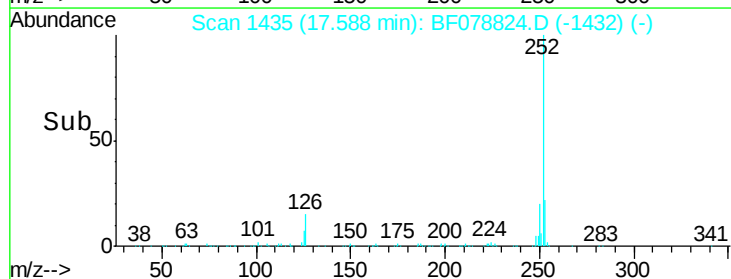
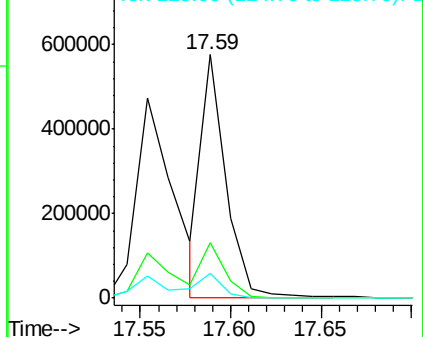
125 10.4 10.0 15.0

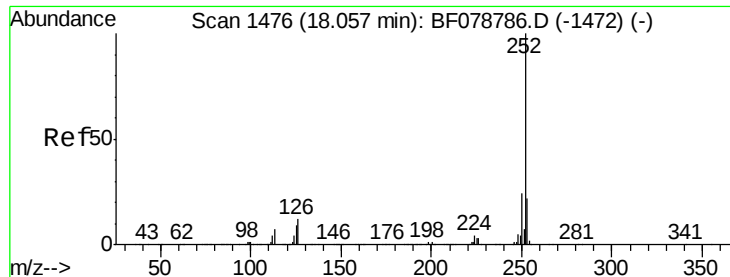


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

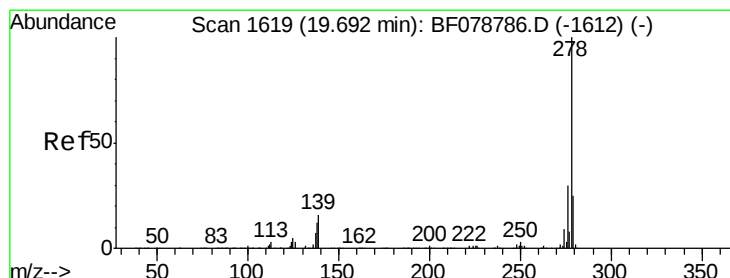
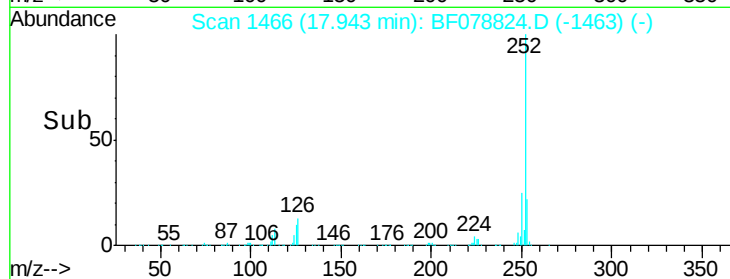
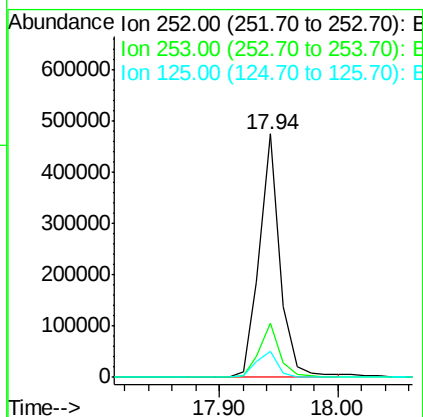
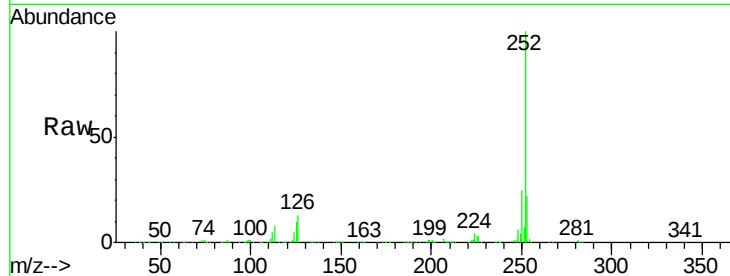




#89
Benzo(a)pyrene
Concen: 42.35 ng
RT: 17.94 min Scan# 1466
Delta R.T. -0.07 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

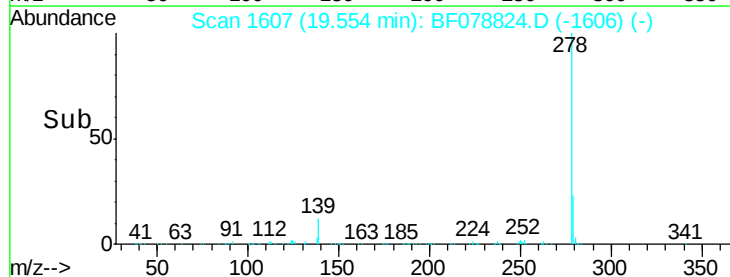
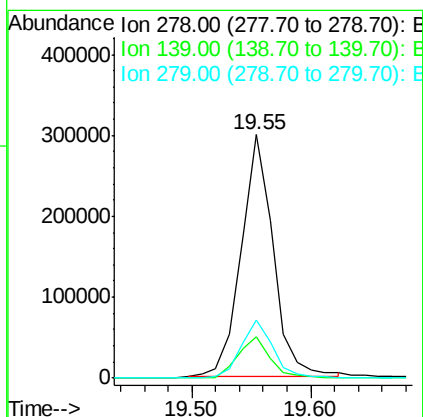
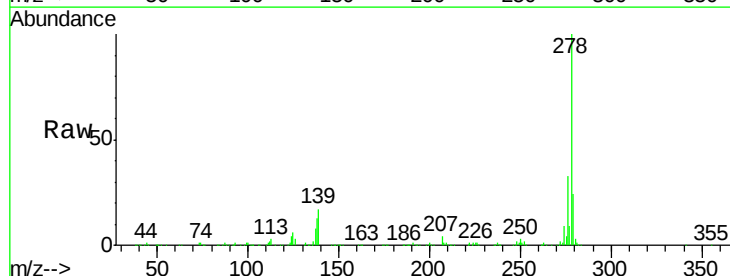
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)MSD

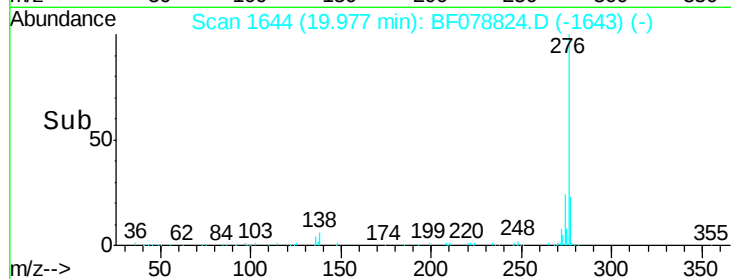
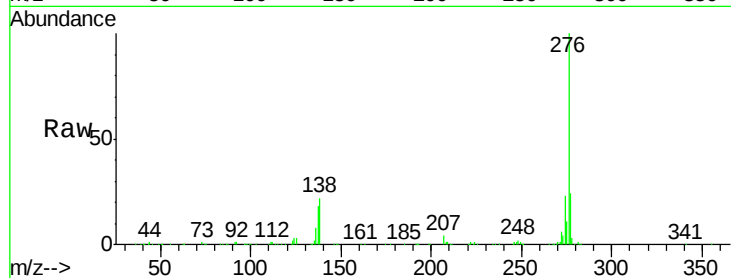
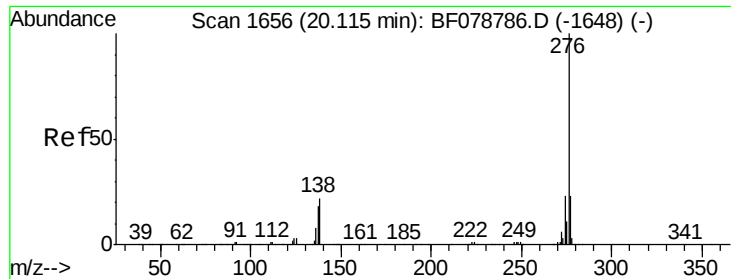
Tot Ion:252 Resp: 578936
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.4 7.0 10.6



#90
Dibenzo(a,h)anthracene
Concen: 40.17 ng
RT: 19.55 min Scan# 1607
Delta R.T. -0.09 min
Lab File: BF078824.D
Acq: 29 Apr 2015 20:23

Tgt Ion:278 Resp: 568736
Ion Ratio Lower Upper
278 100
139 17.0 12.8 19.2
279 24.1 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 41.04 ng

RT: 19.98 min Scan# 1644

Delta R.T. -0.09 min

Lab File: BF078824.D

Acq: 29 Apr 2015 20:23

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)MSD

Tot Ion:276 Resp: 583340

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 21.7 17.4 26.0

