

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
 Data File : BF095064.D
 Acq On : 10 May 2017 19:34
 Operator : SJ/MA
 Sample : I3037-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Quant Time: May 11 07:12:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	84673	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	354478	20.00	ng	-0.02
38) Acenaphthene-d10	12.55	164	165261	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	295208	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	224709	20.00	ng	-0.02
86) Perylene-d12	20.30	264	189883	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	807783	159.05	ng	-0.01
7) Phenol-d6	7.27	99	975994	160.17	ng	-0.01
23) Nitrobenzene-d5	8.61	82	604884	107.60	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	214079	158.17	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1117237	97.31	ng	-0.02
78) Terphenyl-d14	17.29	244	1032707	101.22	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	104821	42.08	ng	96
3) Pyridine	2.78	79	269288	46.65	ng	99
4) n-Nitrosodimethylamine	2.70	42	121055	50.31	ng	92
6) Aniline	7.21	93	231984	30.16	ng	96
8) 2-Chlorophenol	7.40	128	298409	51.62	ng	96
9) Benzaldehyde	7.04	77	31679	8.51	ng	99
10) Phenol	7.28	94	328797	51.20	ng	90
11) bis(2-Chloroethyl)ether	7.35	93	259483	48.95	ng	95
12) 1,3-Dichlorobenzene	7.61	146	320048	48.81	ng	98
13) 1,4-Dichlorobenzene	7.74	146	317604	47.76	ng	96
14) 1,2-Dichlorobenzene	7.97	146	308821	49.75	ng	95
15) Benzyl Alcohol	8.00	79	240688	61.41	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	361794	48.22	ng	95
17) 2-Methylphenol	8.22	107	250567	52.97	ng	94
18) Hexachloroethane	8.49	117	110135	48.89	ng	88
19) n-Nitroso-di-n-propylamine	8.42	70	212714	51.61	ng	94
20) 3+4-Methylphenols	8.48	107	332597	51.74	ng	# 59
22) Acetophenone	8.38	105	427674	50.29	ng	# 84
24) Nitrobenzene	8.64	77	300430	50.99	ng	94
25) Isophorone	9.04	82	521836	51.99	ng	94
26) 2-Nitrophenol	9.15	139	167393	52.65	ng	99
27) 2,4-Dimethylphenol	9.29	122	266112	51.77	ng	97
28) bis(2-Chloroethoxy)methane	9.41	93	343377	49.45	ng	98
29) 2,4-Dichlorophenol	9.58	162	262378	54.06	ng	100
30) 1,2,4-Trichlorobenzene	9.65	180	250725	48.22	ng	99
31) Naphthalene	9.77	128	875676	49.15	ng	99
32) Benzoic acid	9.62	122	159963	47.46	ng	97
33) 4-Chloroaniline	9.93	127	57084	8.60	ng	92
34) Hexachlorobutadiene	9.98	225	127945	46.63	ng	97
35) Caprolactam	10.54	113	40192	27.58	ng	91
36) 4-Chloro-3-methylphenol	10.77	107	269179	51.87	ng	90
37) 2-Methylnaphthalene	10.89	142	600209	51.33	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	238381	46.90	ng	100
40) Hexachlorocyclopentadiene	11.14	237	144041	68.37	ng	100

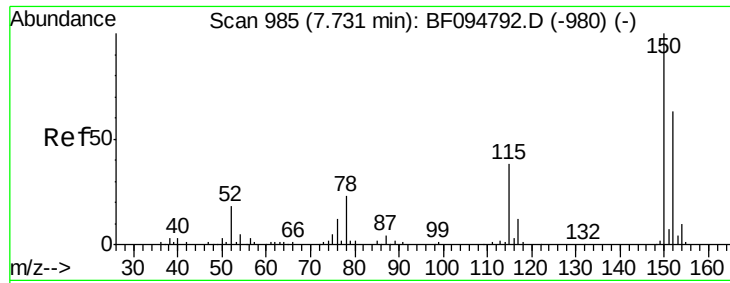
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
 Data File : BF095064.D
 Acq On : 10 May 2017 19:34
 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	173908	51.25	ng	98
43) 2,4,5-Trichlorophenol	11.49	196	158682	43.51	ng	95
45) 1,1'-Biphenyl	11.65	154	662493	47.61	ng	98
46) 2-Chloronaphthalene	11.67	162	526140	46.83	ng	96
47) 2-Nitroaniline	11.89	65	150090	48.81	ng	# 79
48) Acenaphthylene	12.33	152	859691	48.85	ng	99
49) Dimethylphthalate	12.21	163	753084	55.51	ng	99
50) 2,6-Dinitrotoluene	12.29	165	139703	50.47	ng	91
51) Acenaphthene	12.61	154	500750	47.64	ng	99
52) 3-Nitroaniline	12.58	138	56953	19.17	ng	92
53) 2,4-Dinitrophenol	12.77	184	72266	49.95	ng	# 67
54) Dibenzofuran	12.90	168	711874	48.94	ng	98
55) 4-Nitrophenol	12.90	139	258601	144.93	ng	# 27
56) 2,4-Dinitrotoluene	12.96	165	179783	50.55	ng	# 86
57) Fluorene	13.45	166	618033	48.87	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	136997	59.69	ng	91
59) Diethylphthalate	13.35	149	607769	46.74	ng	99
60) 4-Chlorophenyl-phenylether	13.48	204	264742	47.63	ng	92
61) 4-Nitroaniline	13.57	138	127003	46.57	ng	96
62) Azobenzene	13.74	77	543881	52.05	ng	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	69510	35.12	ng	# 66
65) n-Nitrosodiphenylamine	13.69	169	523004	48.81	ng	99
66) 4-Bromophenyl-phenylether	14.27	248	139004	44.57	ng	99
67) Hexachlorobenzene	14.35	284	143530	44.90	ng	# 87
68) Atrazine	14.61	200	151294	50.01	ng	97
69) Pentachlorophenol	14.71	266	132230	90.65	ng	98
70) Phenanthrene	15.00	178	831110	49.00	ng	99
71) Anthracene	15.08	178	882693	50.95	ng	98
72) Carbazole	15.37	167	823887	52.26	ng	98
73) Di-n-butylphthalate	15.93	149	1013278	51.54	ng	99
74) Fluoranthene	16.74	202	844233	48.52	ng	100
76) Benzidine	16.97	184	293160	48.21	ng	# 92
77) Pyrene	17.05	202	924341	55.00	ng	98
79) Butylbenzylphthalate	17.95	149	440680	56.38	ng	88
80) Benzo(a)anthracene	18.62	228	658330	50.34	ng	99
81) 3,3'-Dichlorobenzidine	18.60	252	151292	33.50	ng	# 97
82) Chrysene	18.67	228	636812	50.36	ng	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	593690	53.31	ng	# 100
84) Di-n-octyl phthalate	19.46	149	927422	50.79	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	581523	56.63	ng	99
87) Benzo(b)fluoranthene	19.89	252	581147	49.53	ng	99
88) Benzo(k)fluoranthene	19.92	252	547387	48.36	ng	# 94
89) Benzo(a)pyrene	20.24	252	536926	49.59	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	478371	53.50	ng	99
91) Benzo(g,h,i)perylene	21.96	276	513735	58.55	ng	95

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

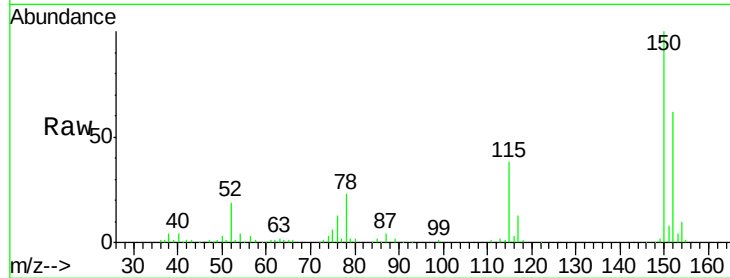


#1

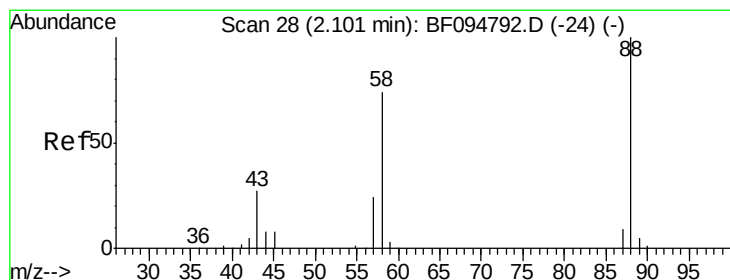
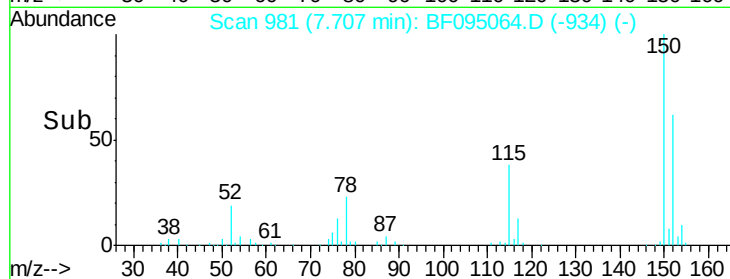
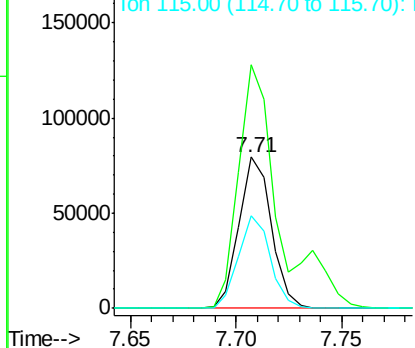
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tgt Ion:152 Resp: 84673
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 61.0 52.2 78.2



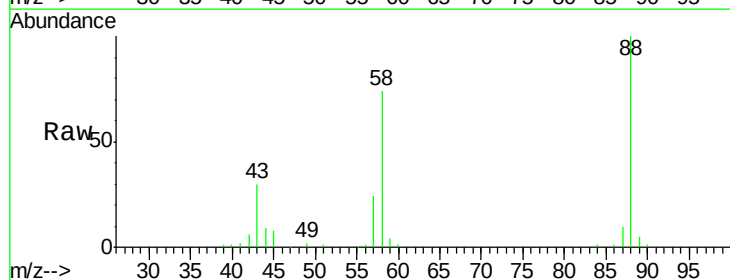
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



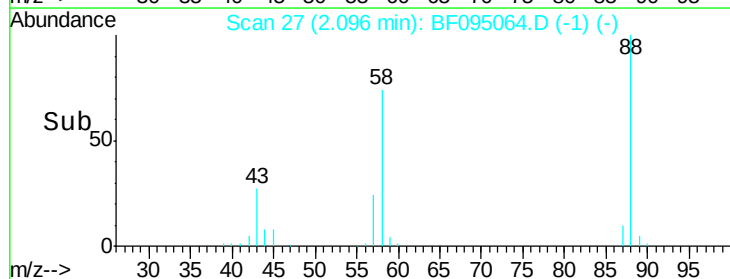
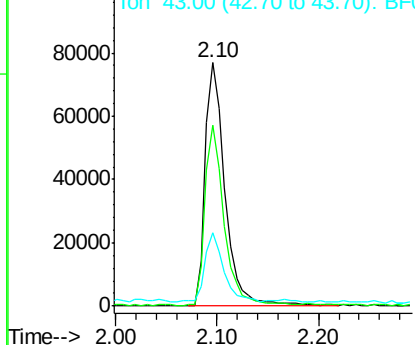
#2

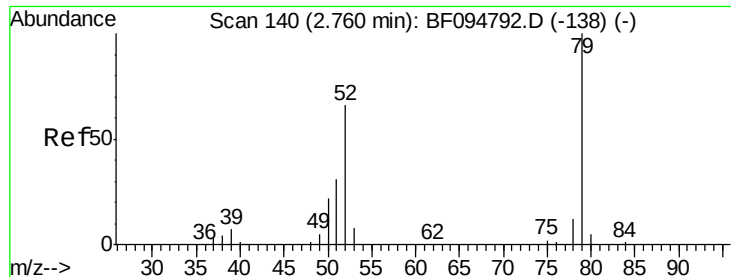
1,4-Dioxane
Concen: 42.08 ng
RT: 2.10 min Scan# 27
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion: 88 Resp: 104821
Ion Ratio Lower Upper
88 100
58 73.1 61.4 92.0
43 26.7 23.4 35.0



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

Pyridine

Concen: 46.65 ng

RT: 2.78 min Scan# 143

Delta R.T. 0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

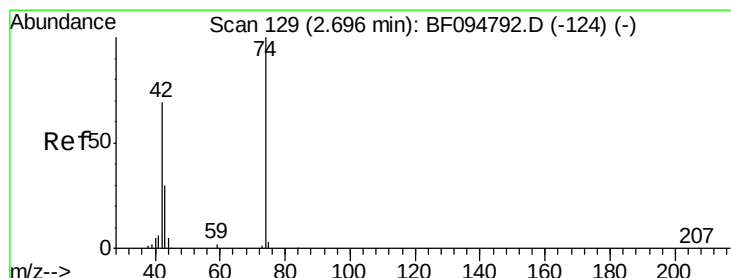
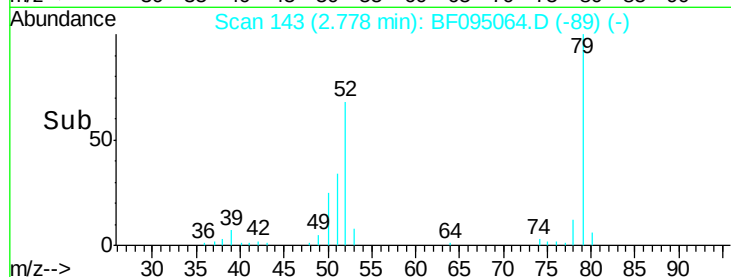
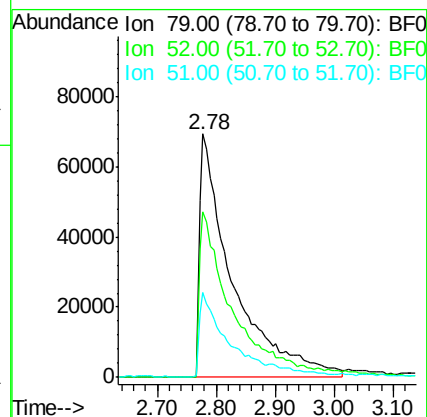
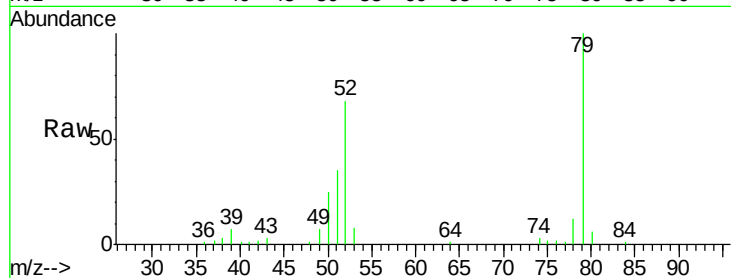
Tgt Ion: 79 Resp: 269288

Ion Ratio Lower Upper

79 100

52 67.8 54.8 82.2

51 34.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 50.31 ng

RT: 2.70 min Scan# 130

Delta R.T. 0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

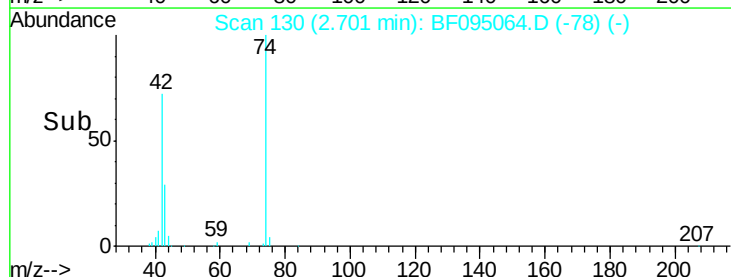
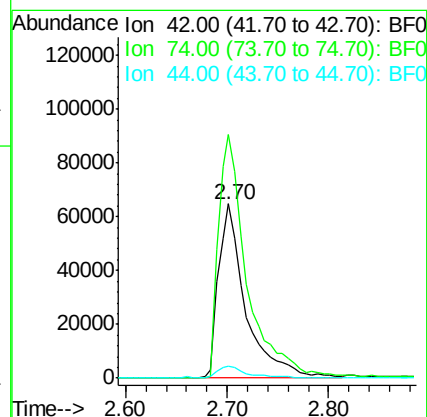
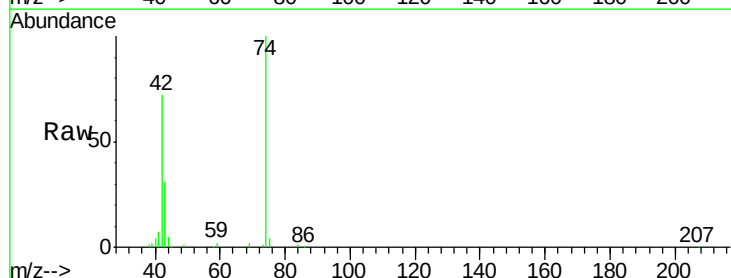
Tgt Ion: 42 Resp: 121055

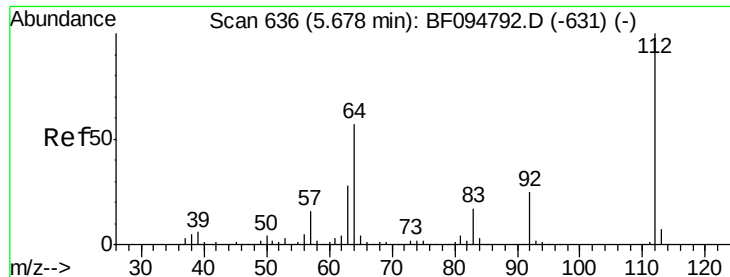
Ion Ratio Lower Upper

42 100

74 139.8 103.9 155.9

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 159.05 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

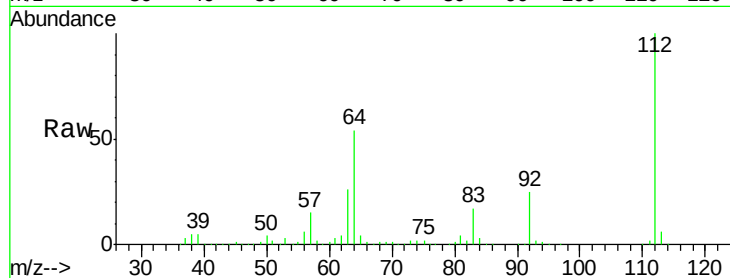
Tgt Ion: 112 Resp: 807783

Ion Ratio Lower Upper

112 100

64 53.9 46.0 69.0

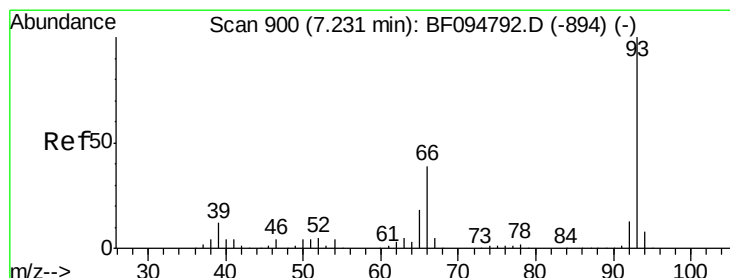
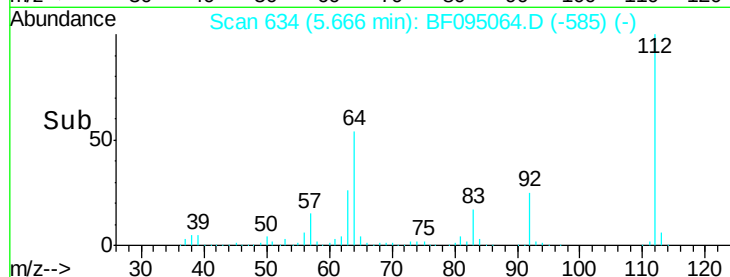
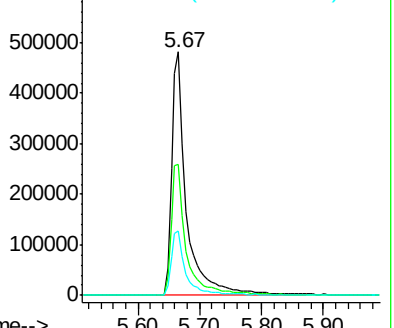
63 26.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.16 ng

RT: 7.21 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

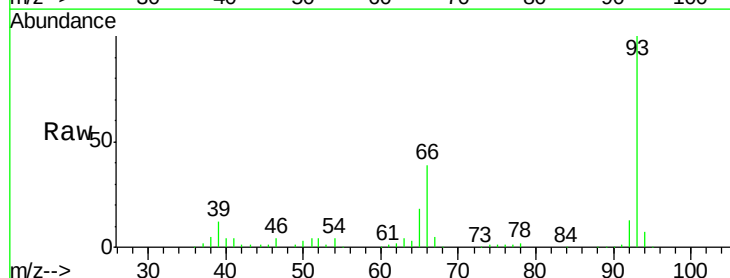
Tgt Ion: 93 Resp: 231984

Ion Ratio Lower Upper

93 100

66 38.5 32.9 49.3

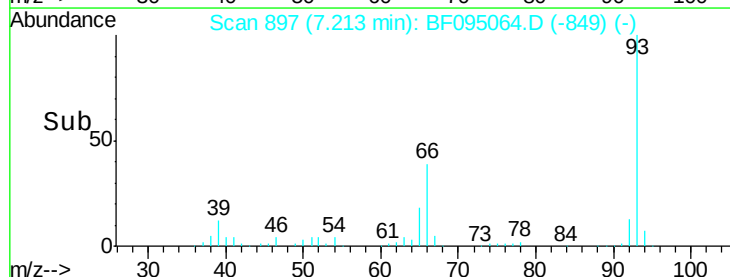
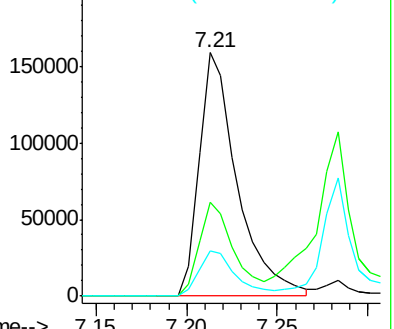
65 18.4 16.0 24.0

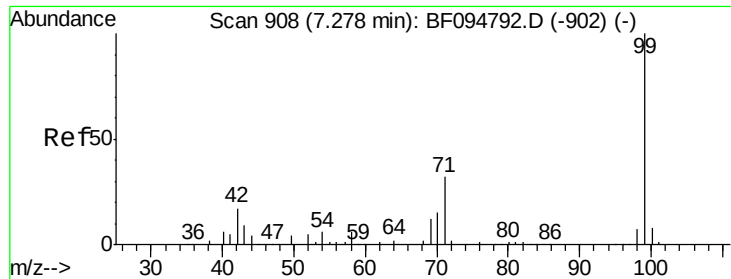


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 160.17 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

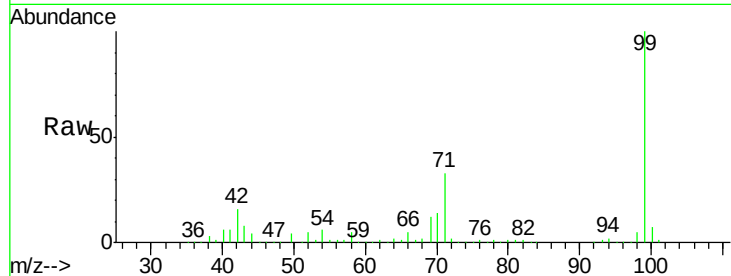
Tgt Ion: 99 Resp: 975994

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

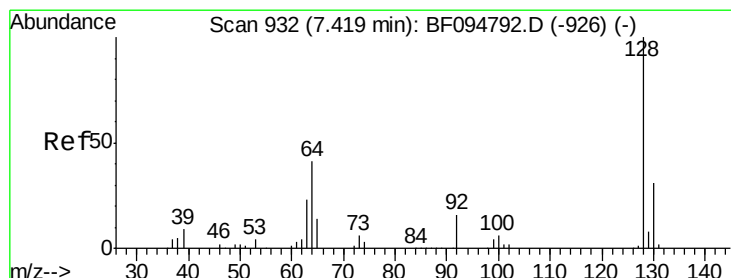
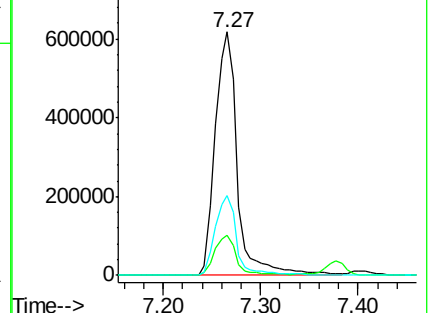
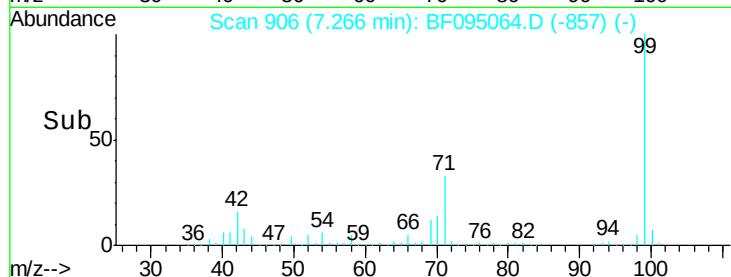
71 32.7 24.5 36.7



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: 51.62 ng

RT: 7.40 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

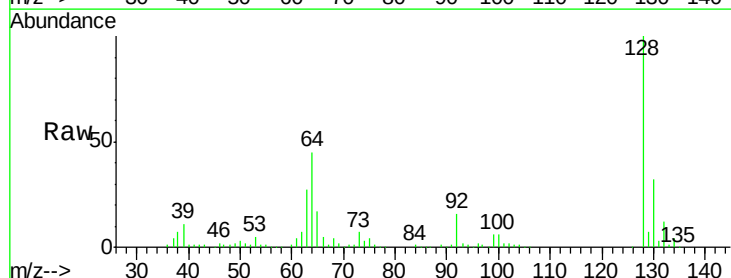
Tgt Ion: 128 Resp: 298409

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

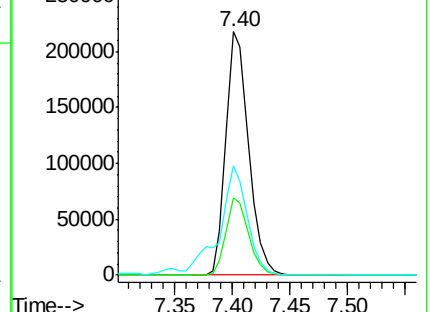
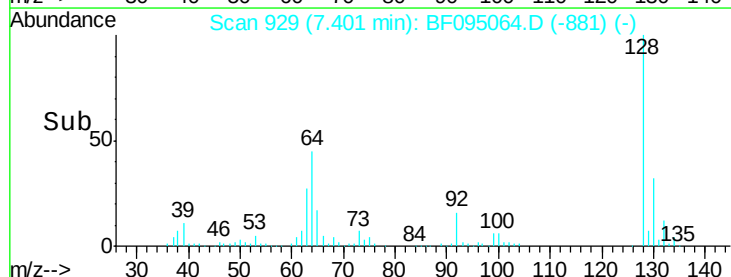
64 45.1 28.4 68.4

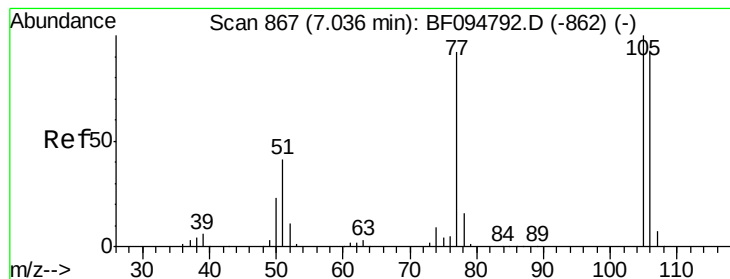


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.51 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

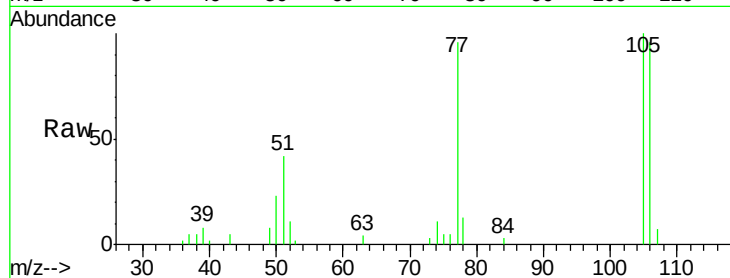
Tgt Ion: 77 Resp: 31679

Ion Ratio Lower Upper

77 100

105 104.1 83.8 123.8

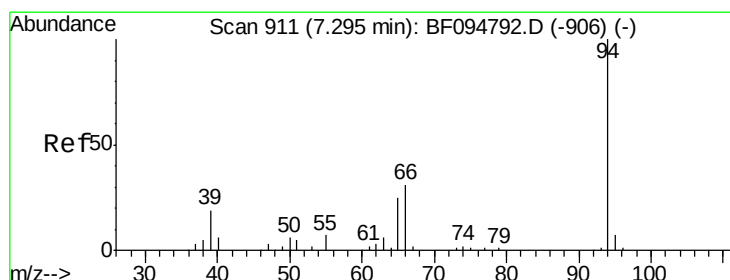
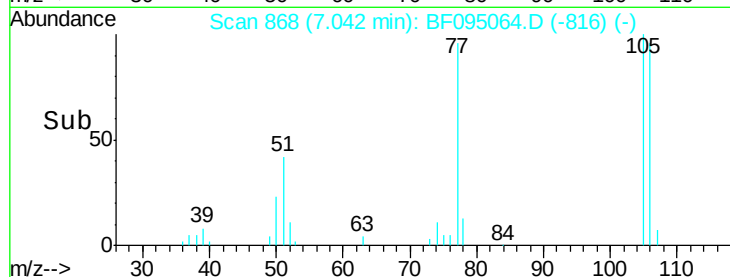
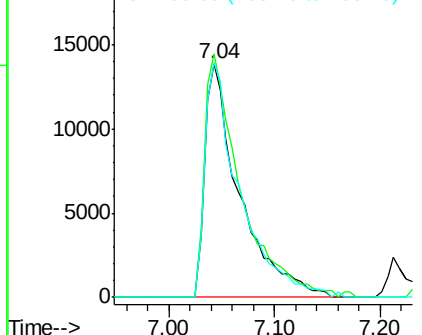
106 100.4 79.1 119.1



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: 51.20 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

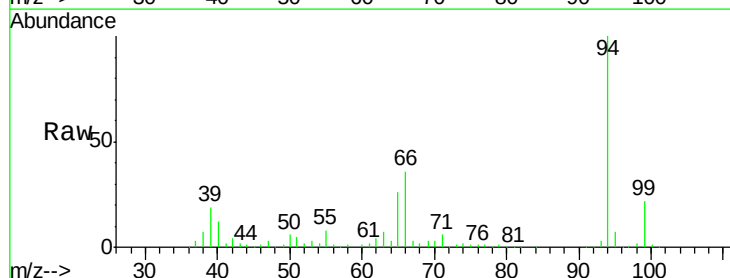
Tgt Ion: 94 Resp: 328797

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

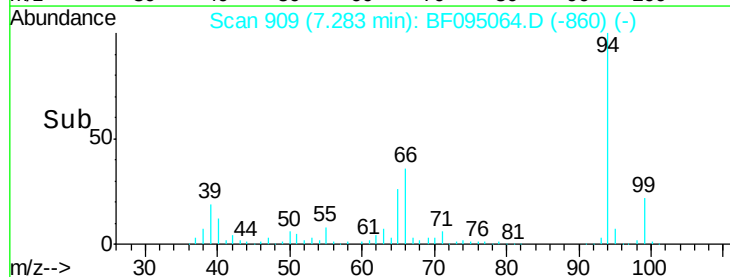
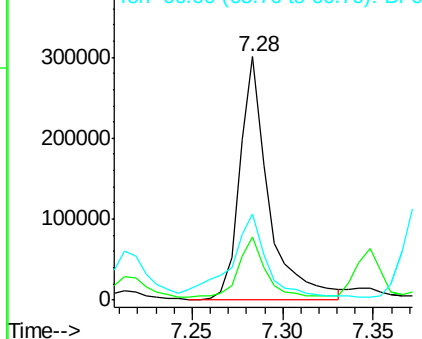
66 35.6 23.1 63.1

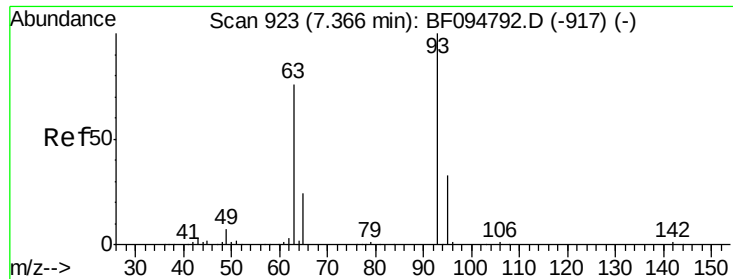


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

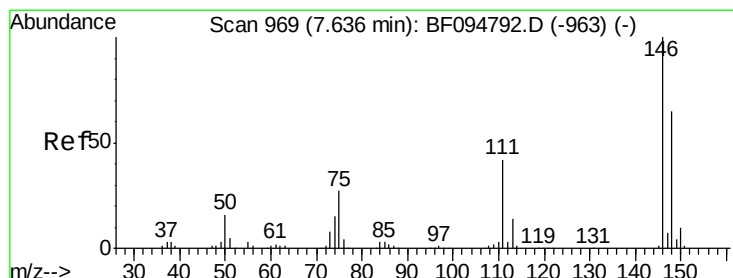
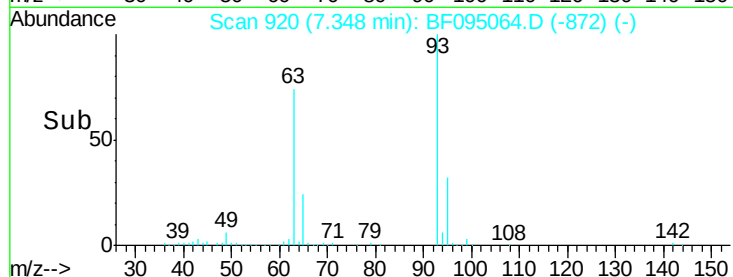
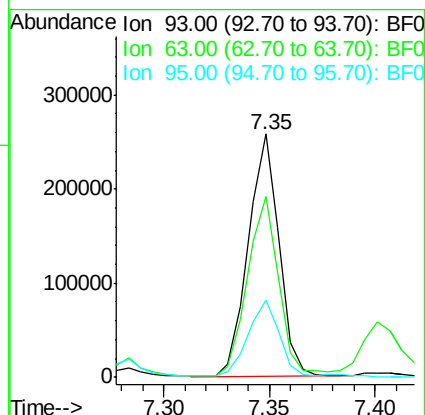
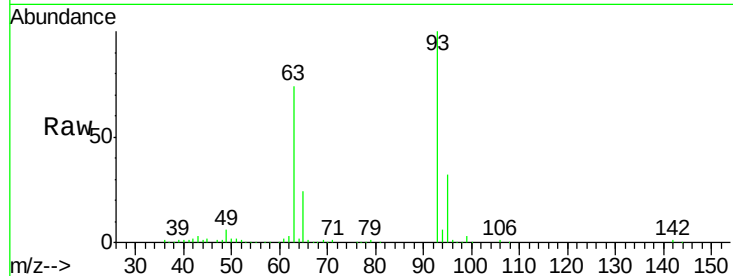




#11
bis(2-Chloroethyl)ether
Concen: 48.95 ng
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

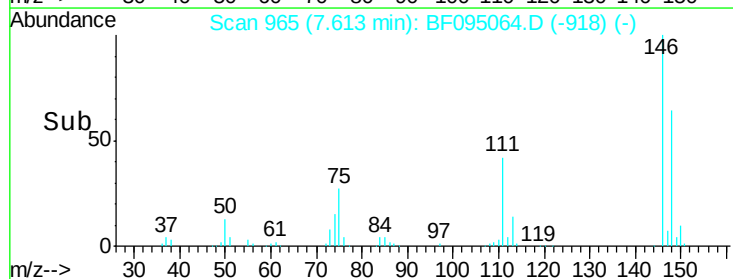
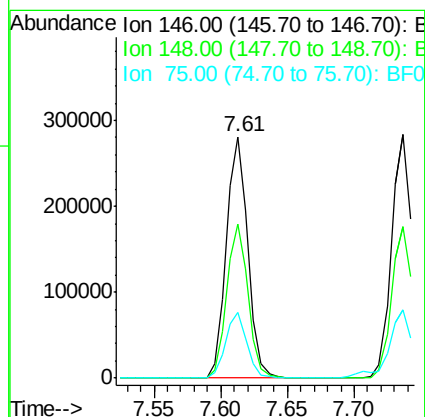
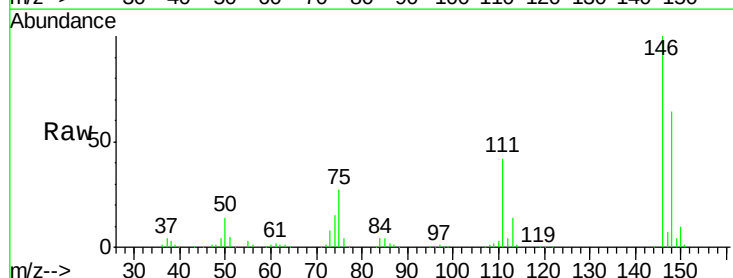
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

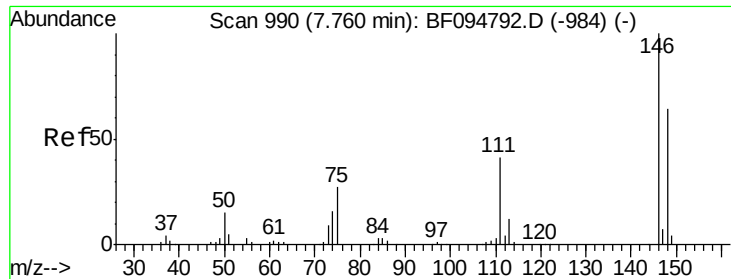
Tgt Ion: 93 Resp: 259483
Ion Ratio Lower Upper
93 100
63 74.1 59.2 99.2
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 48.81 ng
RT: 7.61 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion: 146 Resp: 320048
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 27.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 47.76 ng

RT: 7.74 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

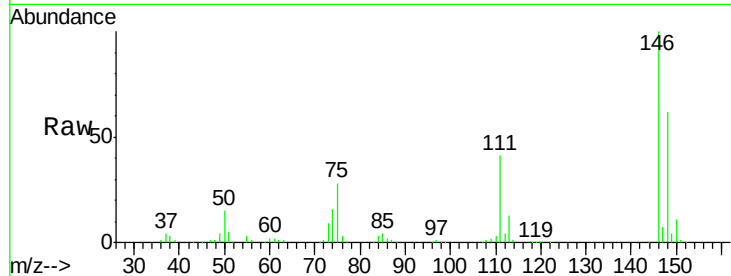
Tgt Ion:146 Resp: 317604

Ion Ratio Lower Upper

146 100

148 62.4 52.2 78.2

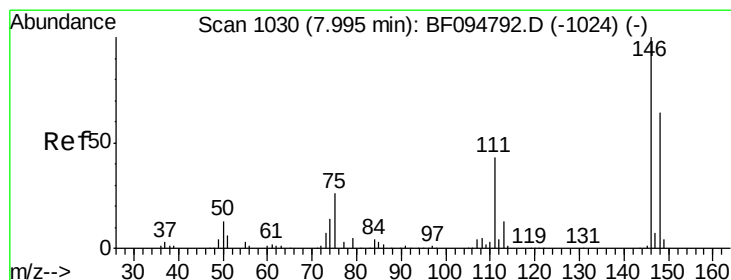
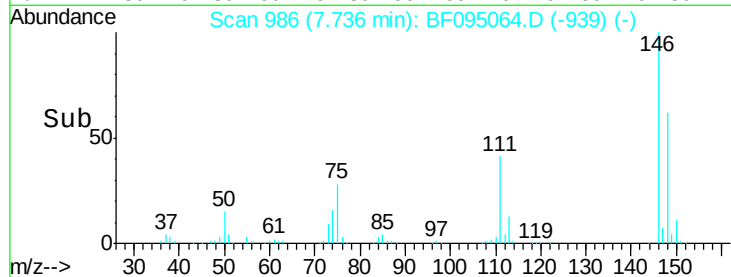
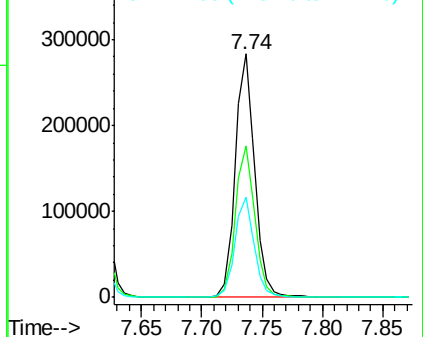
111 41.0 30.3 45.5



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: 49.75 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

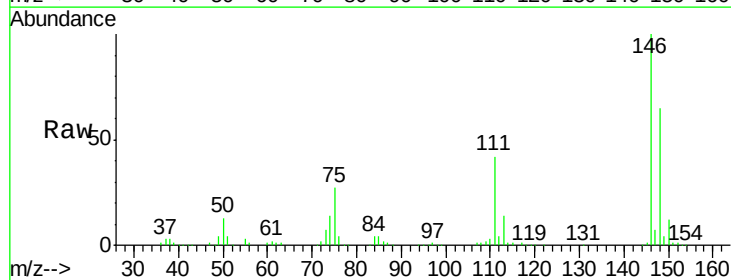
Tgt Ion:146 Resp: 308821

Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

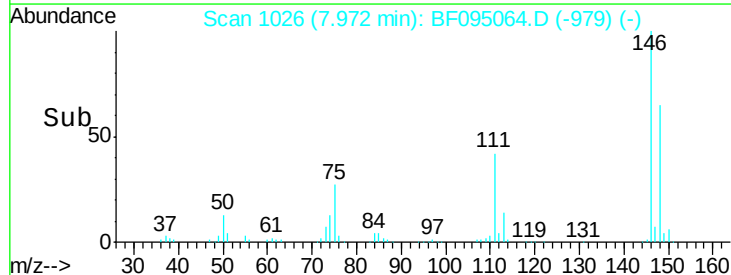
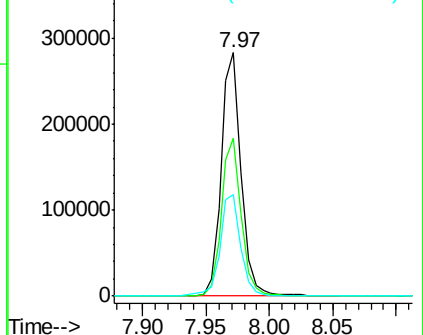
111 41.7 38.2 57.4

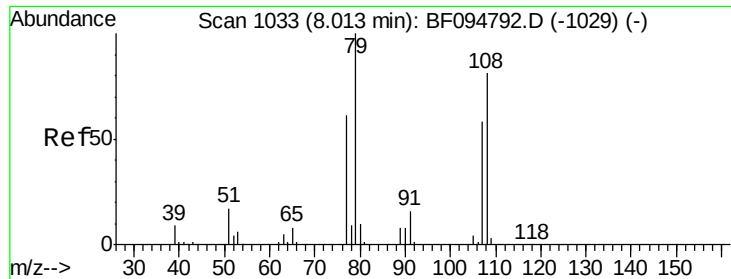


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

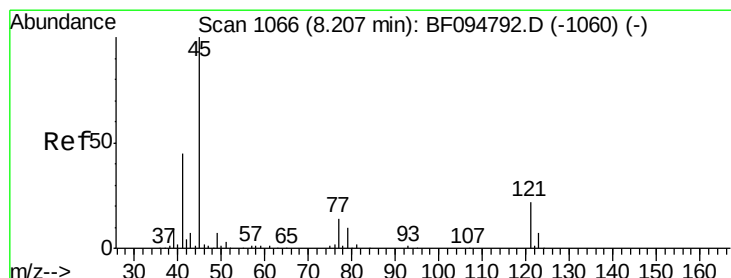
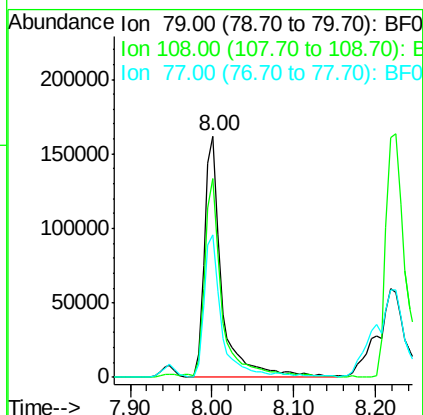
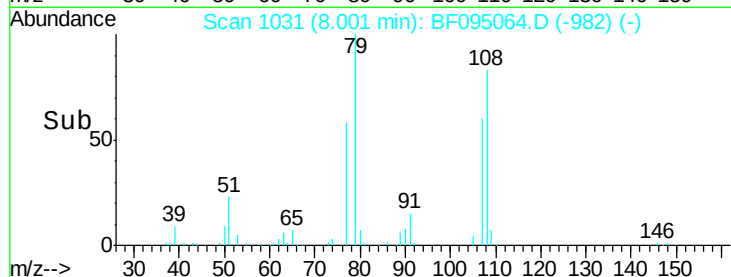
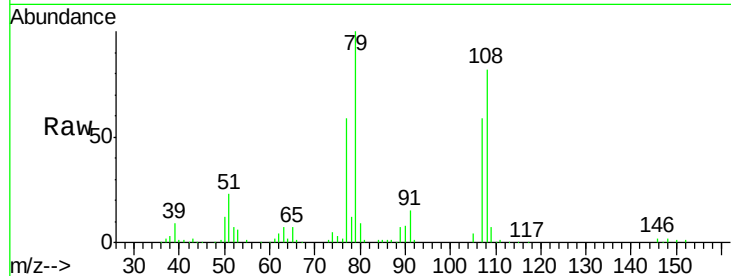




#15
Benzyl Alcohol
Concen: 61.41 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

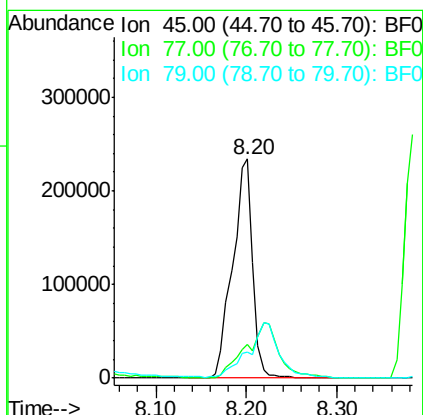
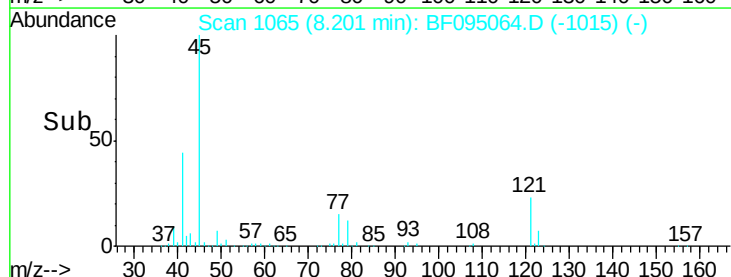
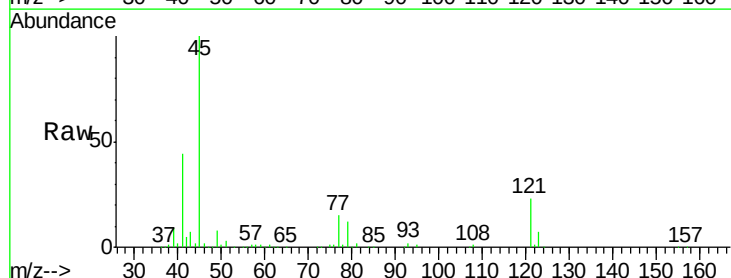
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

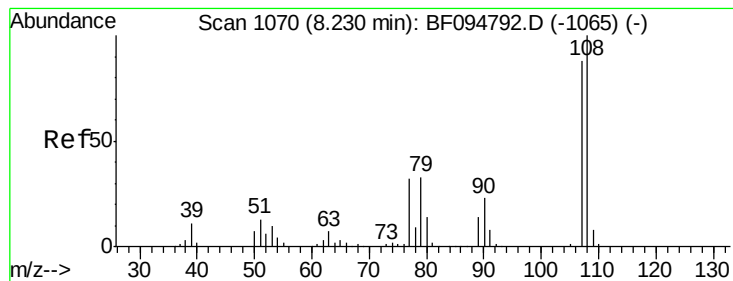
Tgt Ion: 79 Resp: 240688
Ion Ratio Lower Upper
79 100
108 82.5 63.4 95.0
77 59.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.22 ng
RT: 8.20 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion: 45 Resp: 361794
Ion Ratio Lower Upper
45 100
77 15.2 0.0 33.2
79 11.8 0.0 30.0





#17

2-Methylphenol

Concen: 52.97 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

Tgt Ion:107 Resp: 250567

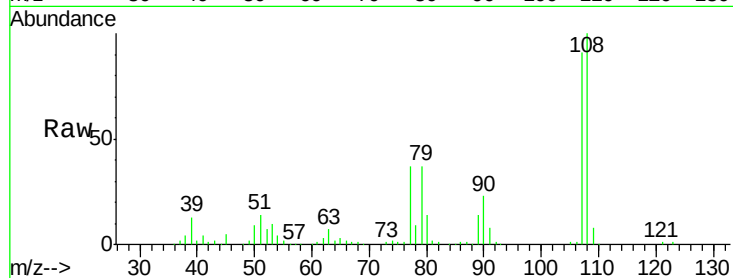
Ion Ratio Lower Upper

107 100

108 109.9 93.4 140.0

77 40.4 35.8 53.6

79 40.9 34.8 52.2

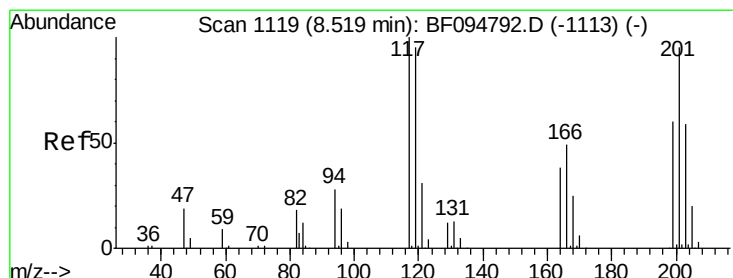
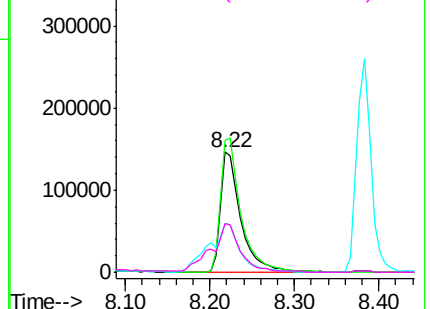
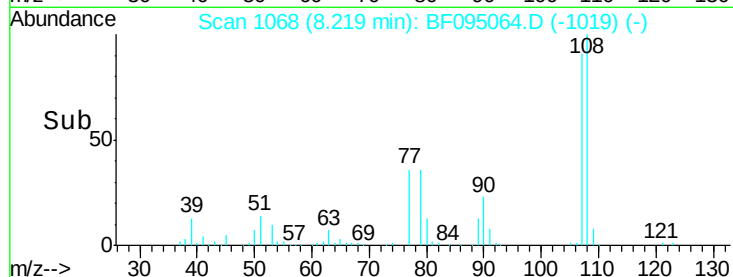


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 48.89 ng

RT: 8.49 min Scan# 1114

Delta R.T. -0.03 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

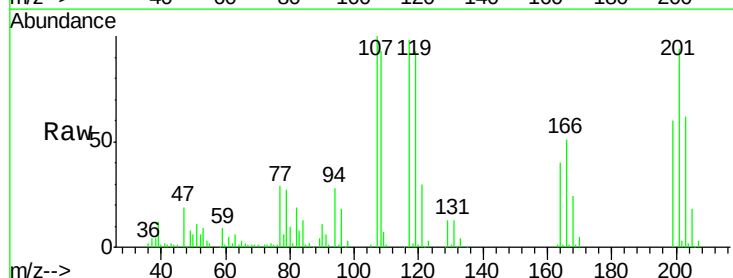
Tgt Ion:117 Resp: 110135

Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.0

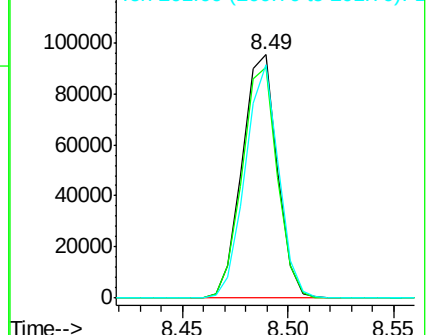
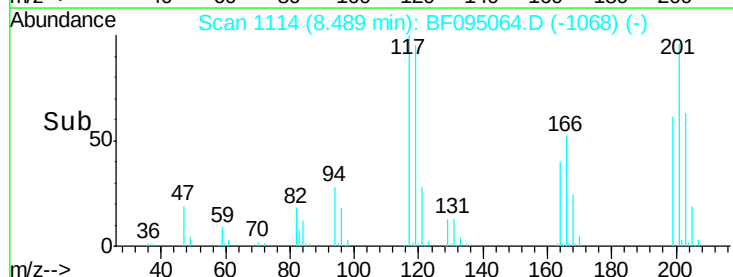
201 95.6 94.6 141.8

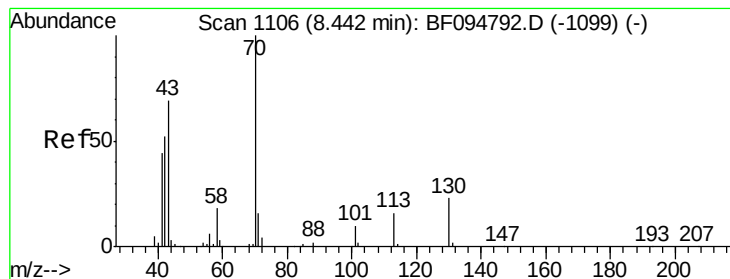


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 51.61 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

Tgt Ion: 70 Resp: 212714

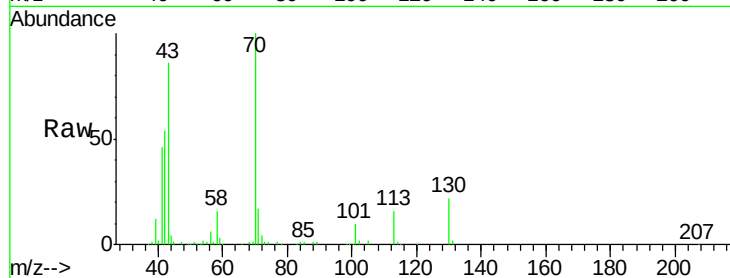
Ion Ratio Lower Upper

70 100

42 53.8 47.2 70.8

101 9.9 7.2 10.8

130 22.0 15.9 23.9

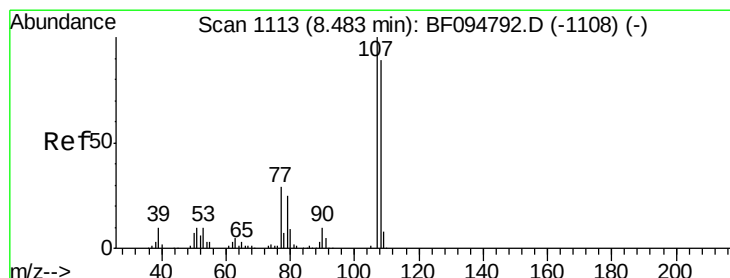
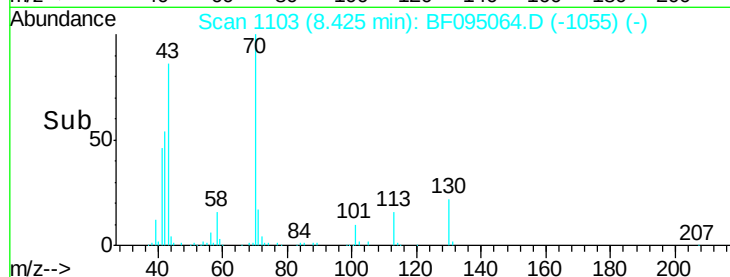
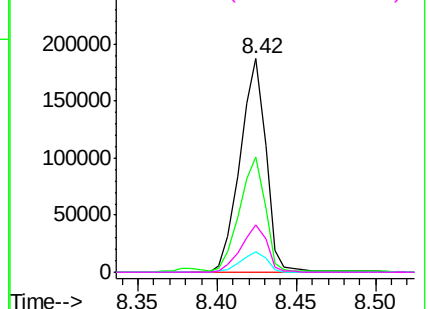


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 51.74 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion: 107 Resp: 332597

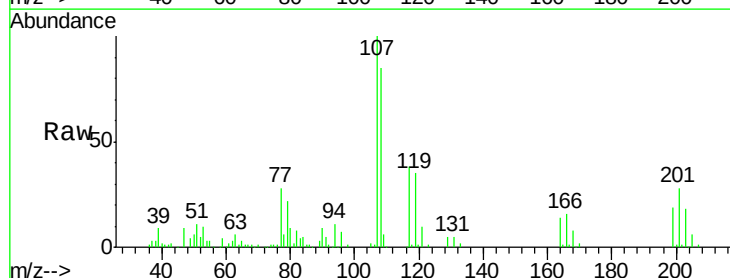
Ion Ratio Lower Upper

107 100

108 85.4 71.0 111.0

77 28.1 90.5 130.5#

79 22.3 8.4 48.4

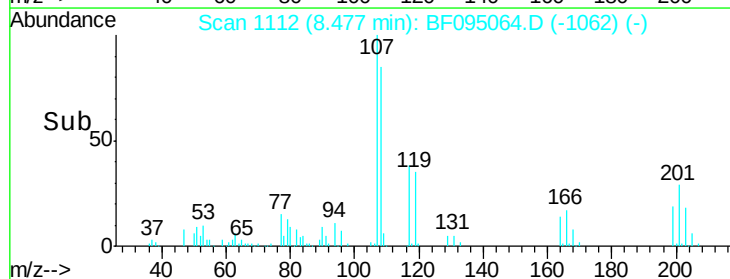
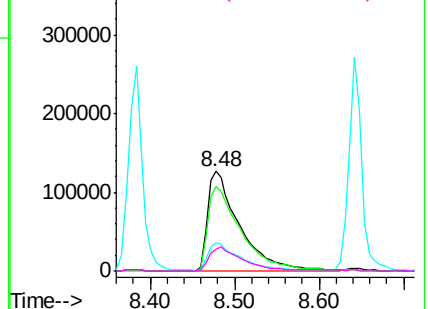


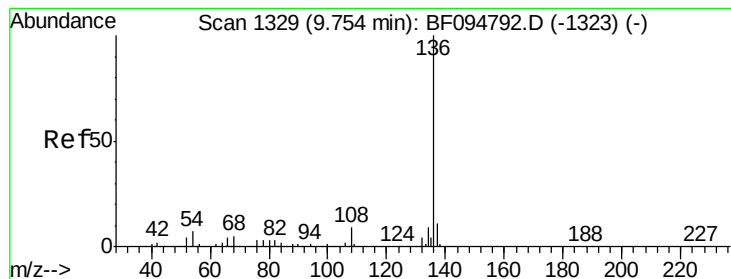
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

Tgt Ion:136 Resp: 354478

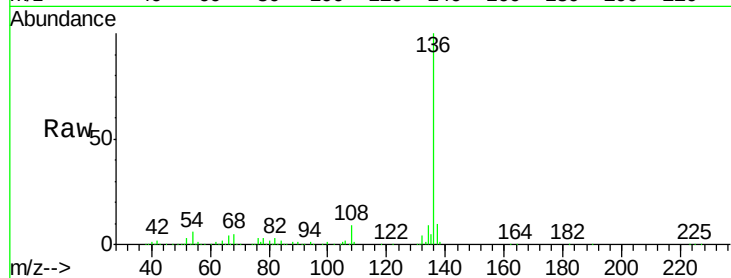
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

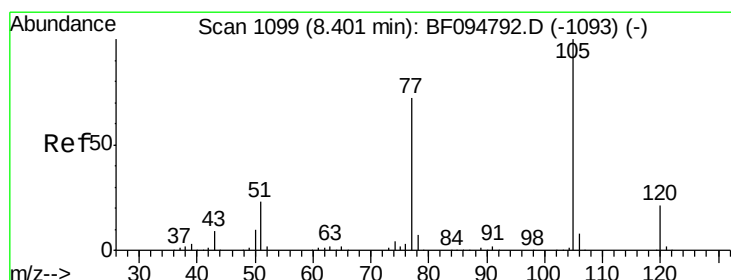
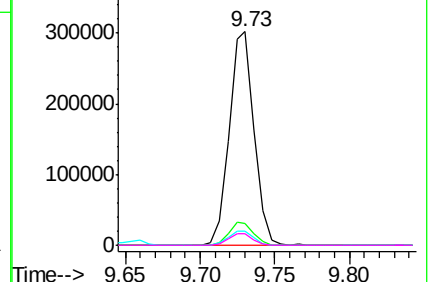
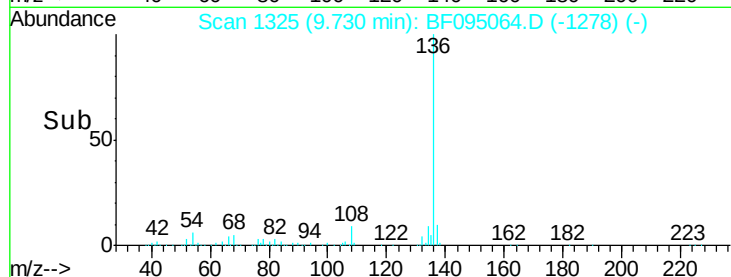


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.29 ng

RT: 8.38 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion:105 Resp: 427674

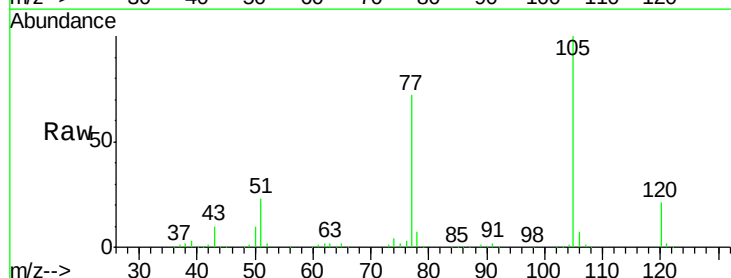
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.2 30.7 46.1#

120 21.4 17.4 26.0

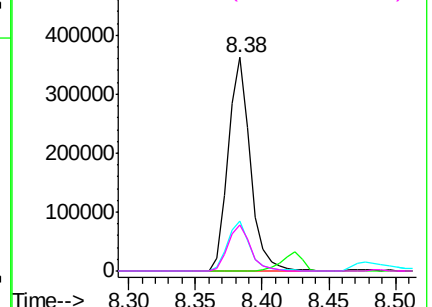
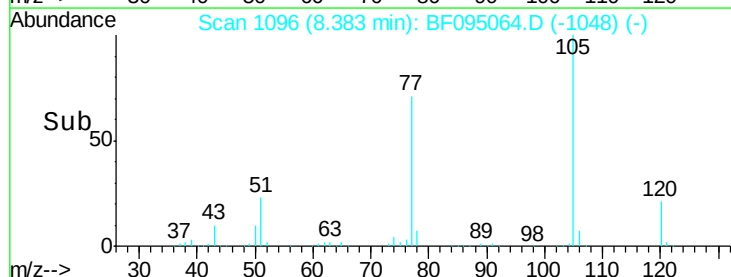


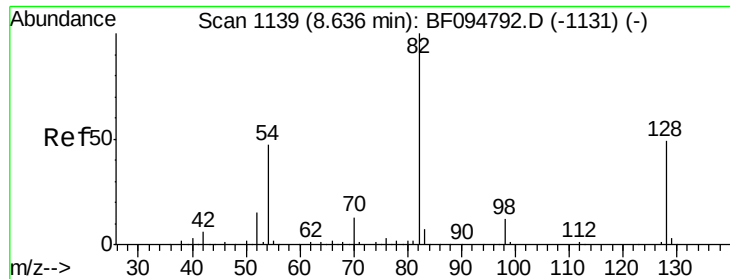
Abundance Ion 105.00 (104.70 to 105.70): E

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

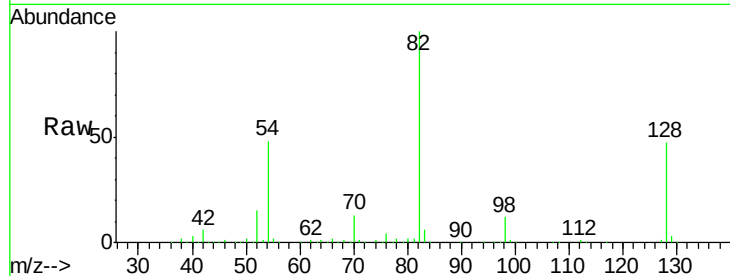




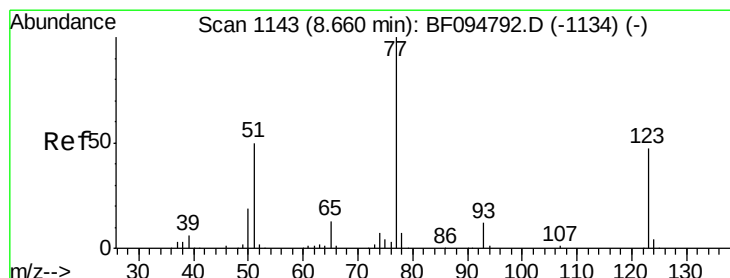
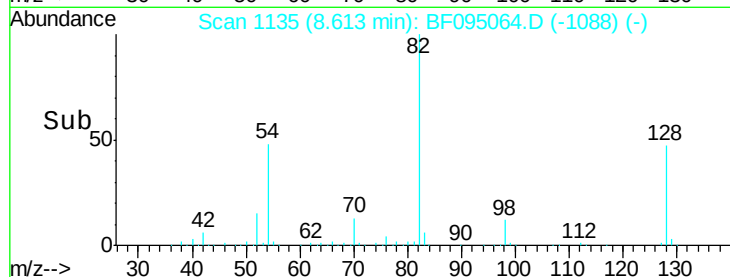
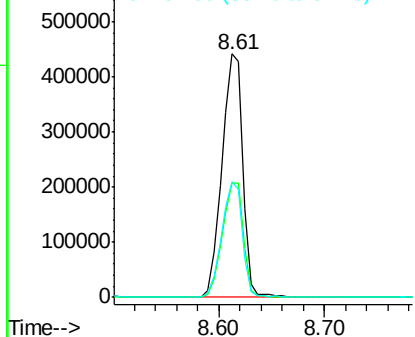
#23
 Nitrobenzene-d5
 Concen: 107.60 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tgt Ion: 82 Resp: 604884
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 47.7 42.2 63.2

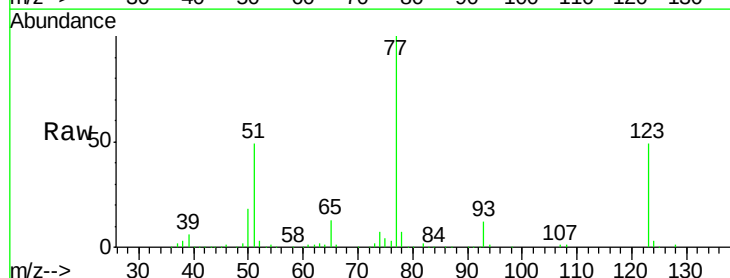


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

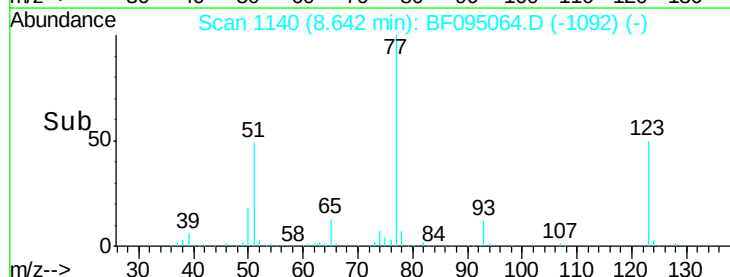
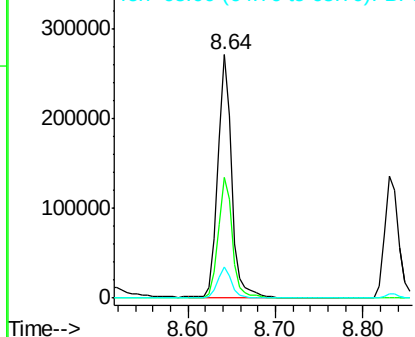


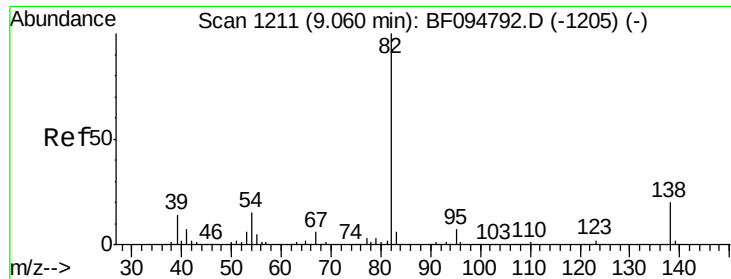
#24
 Nitrobenzene
 Concen: 50.99 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion: 77 Resp: 300430
 Ion Ratio Lower Upper
 77 100
 123 49.4 35.8 53.8
 65 12.9 10.6 15.8



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





#25

Isophorone

Concen: 51.99 ng

RT: 9.04 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

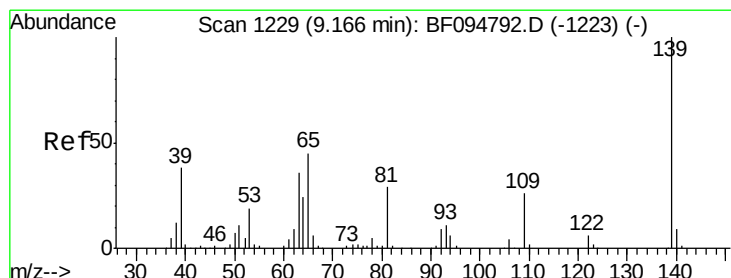
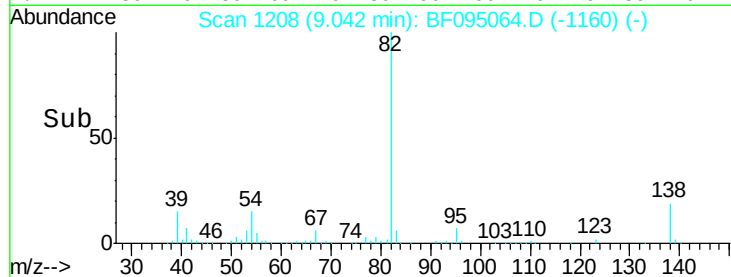
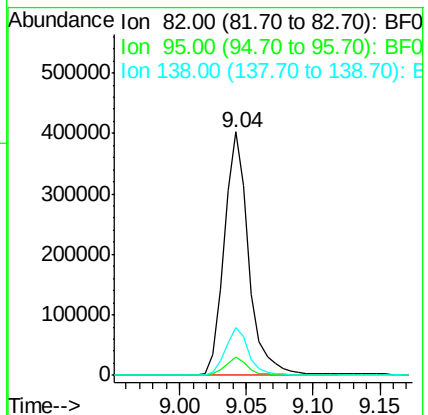
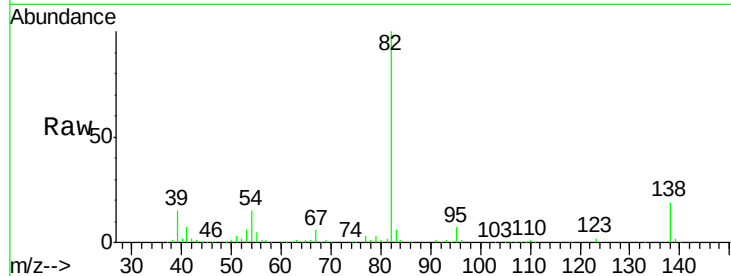
Tgt Ion: 82 Resp: 521836

Ion Ratio Lower Upper

82 100

95 7.4 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 52.65 ng

RT: 9.15 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

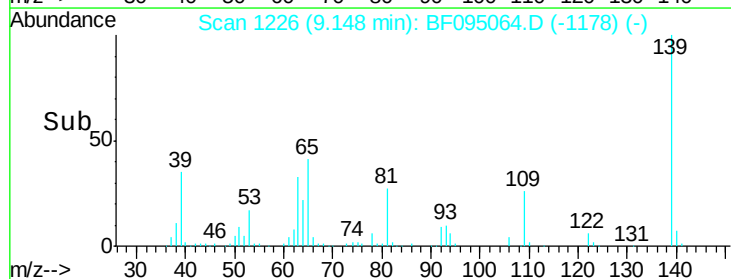
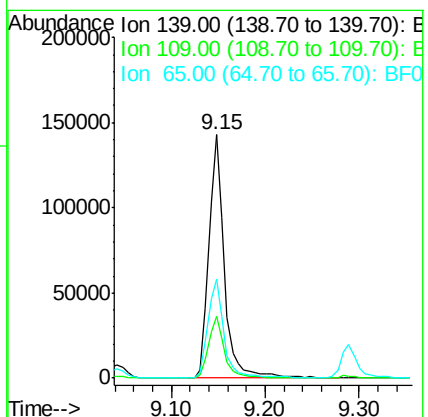
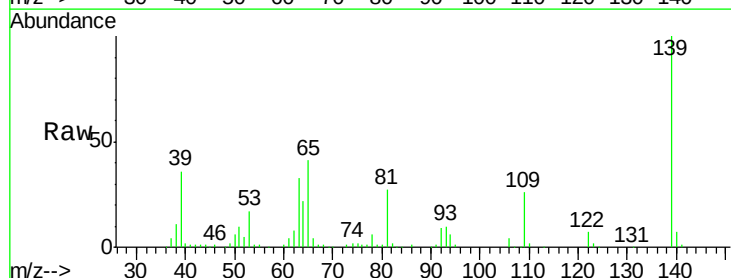
Tgt Ion: 139 Resp: 167393

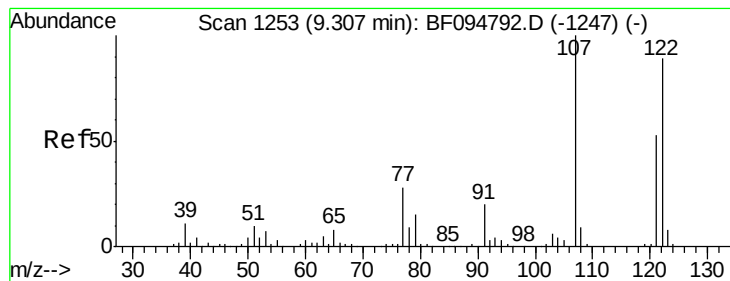
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 40.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 51.77 ng

RT: 9.29 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

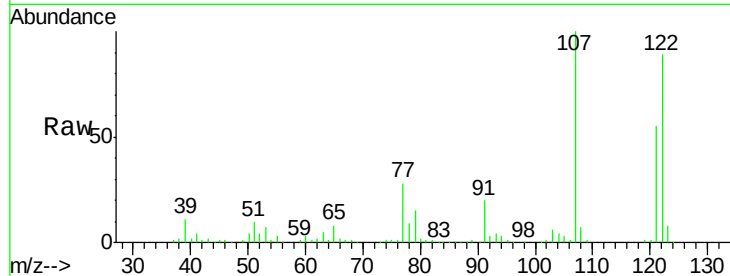
Tgt Ion:122 Resp: 266112

Ion Ratio Lower Upper

122 100

107 112.9 89.2 133.8

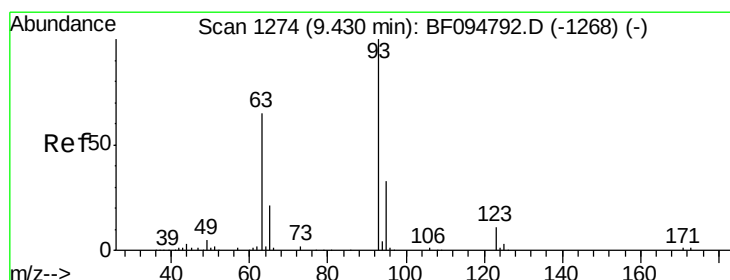
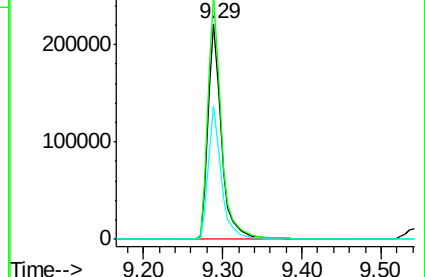
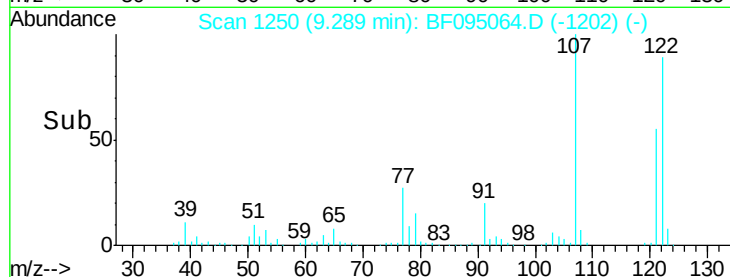
121 61.8 45.2 67.8



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: 49.45 ng

RT: 9.41 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

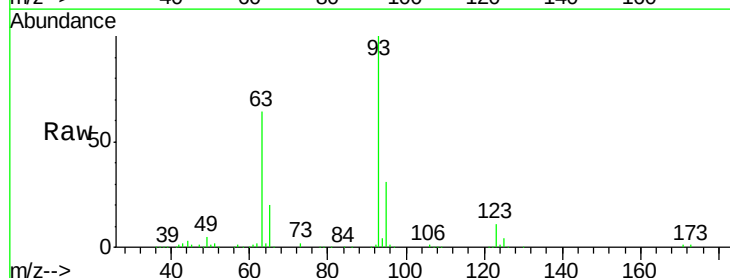
Tgt Ion: 93 Resp: 343377

Ion Ratio Lower Upper

93 100

95 31.4 26.5 39.7

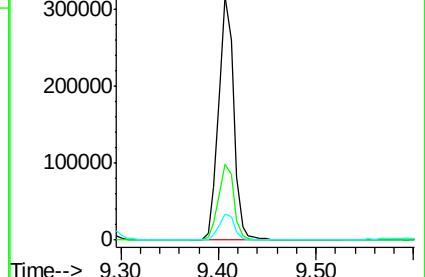
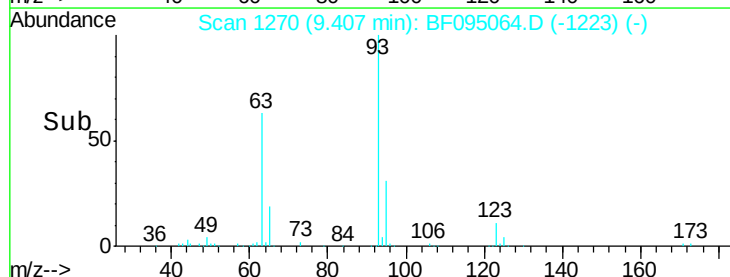
123 10.9 9.0 13.4

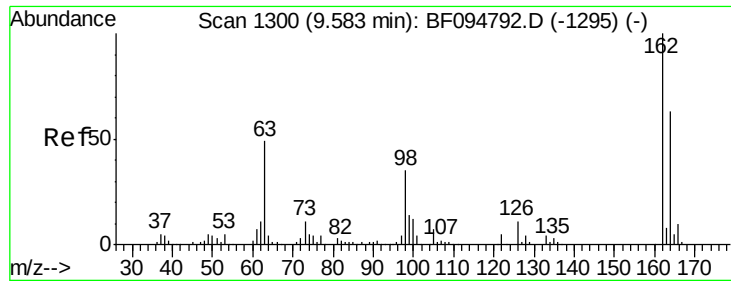


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

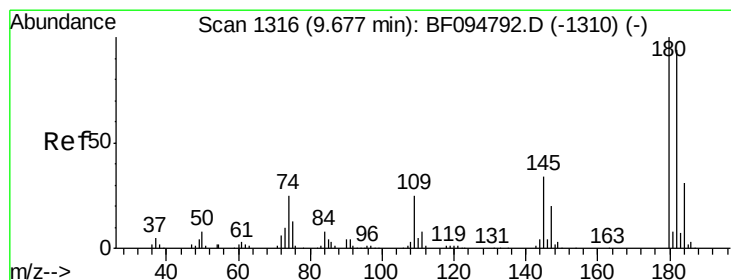
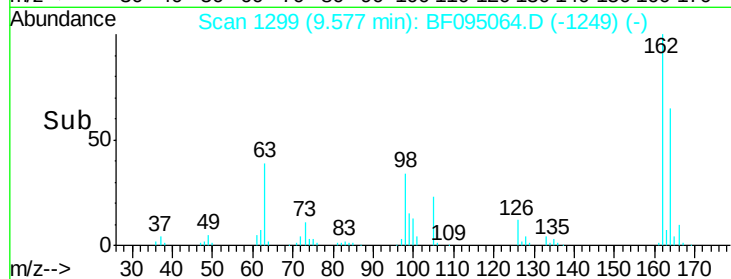
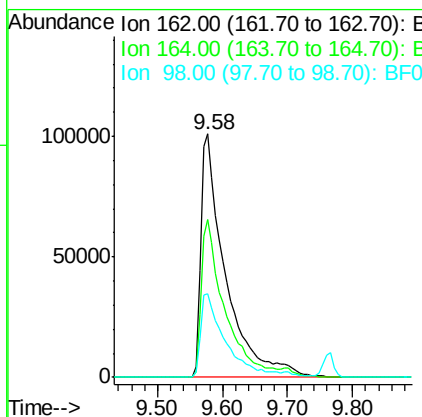
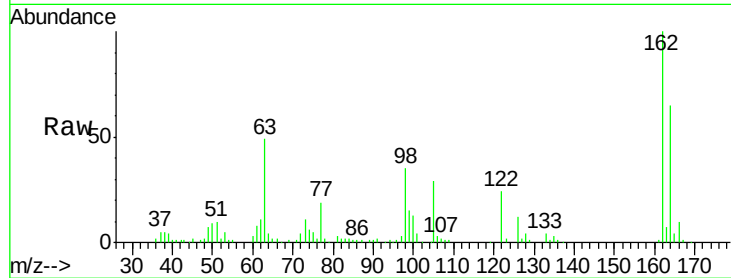




#29
 2,4-Dichlorophenol
 Concen: 54.06 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

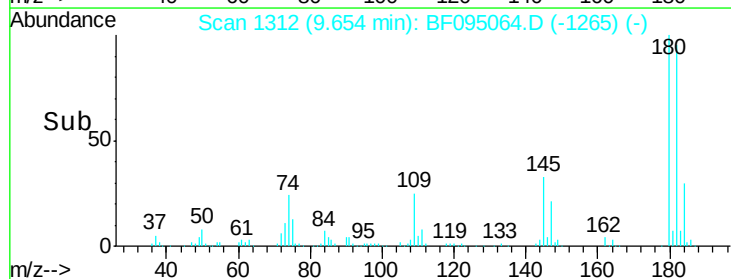
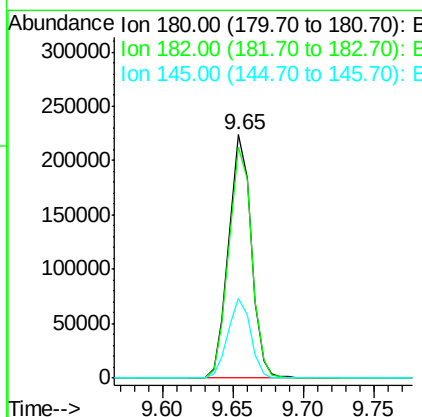
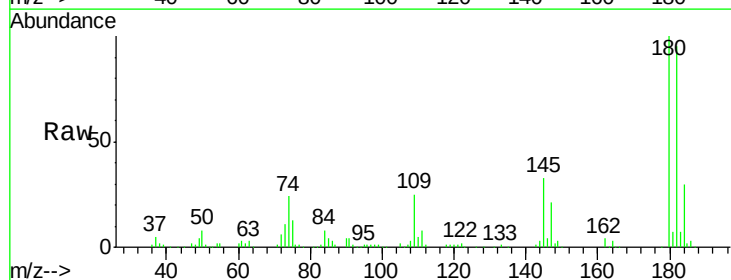
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

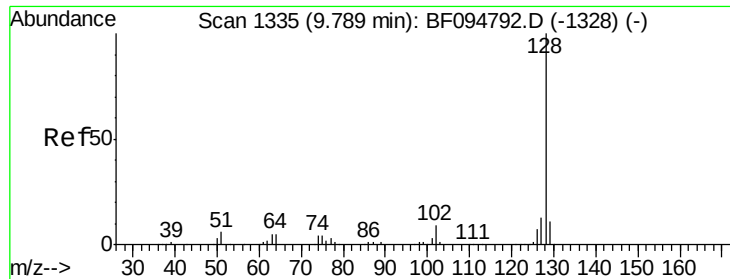
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	34.5	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 48.22 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	32.6	25.3	37.9

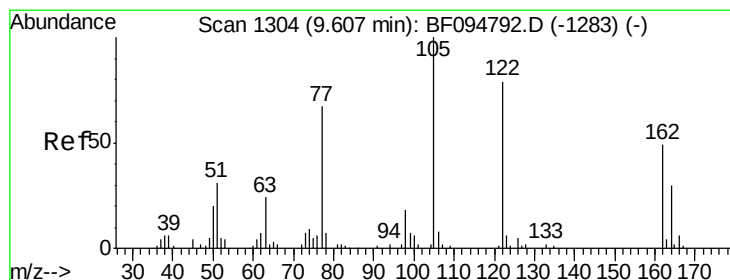
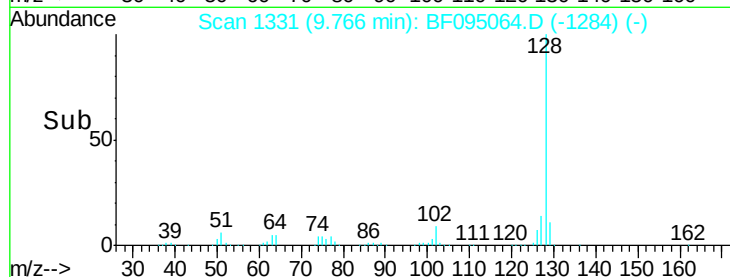
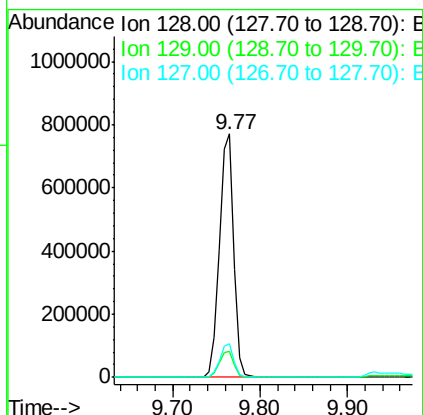
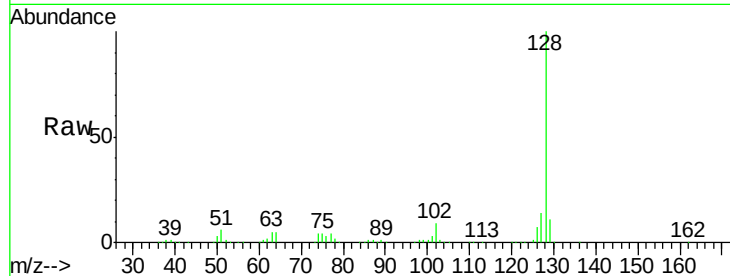




#31
Naphthalene
Concen: 49.15 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

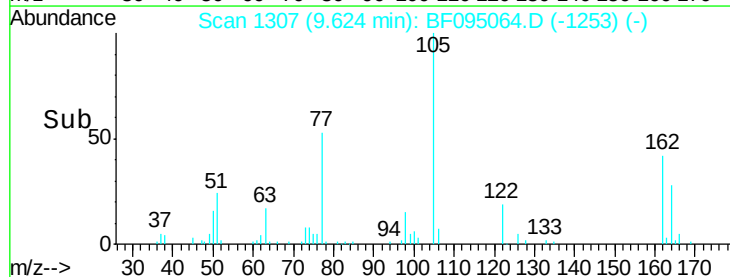
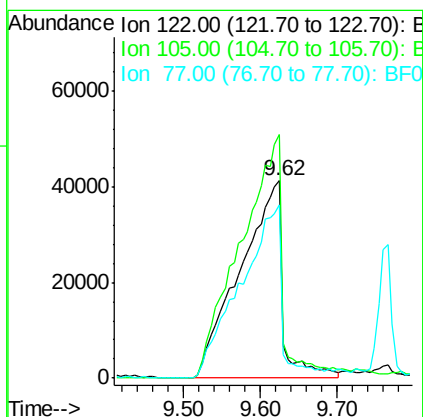
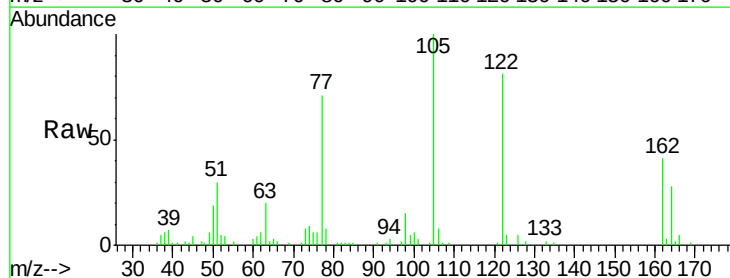
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

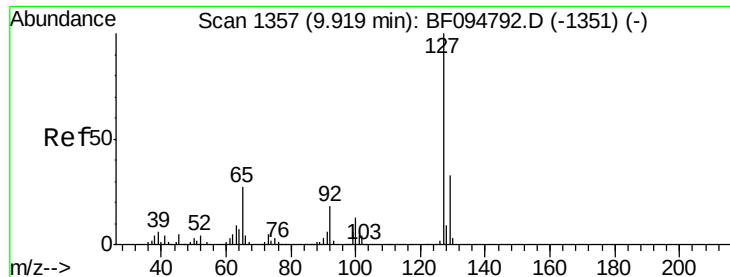
Tgt Ion:128 Resp: 875676
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 47.46 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion:122 Resp: 159963
Ion Ratio Lower Upper
122 100
105 123.5 103.3 143.3
77 88.2 73.7 113.7

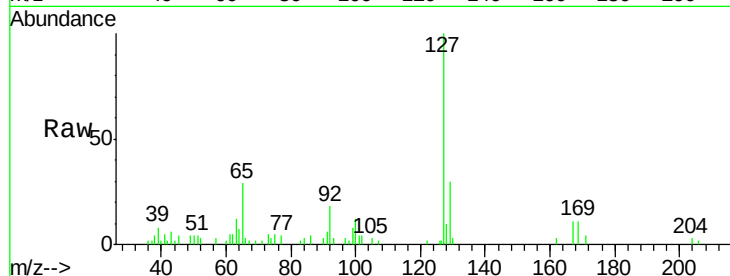




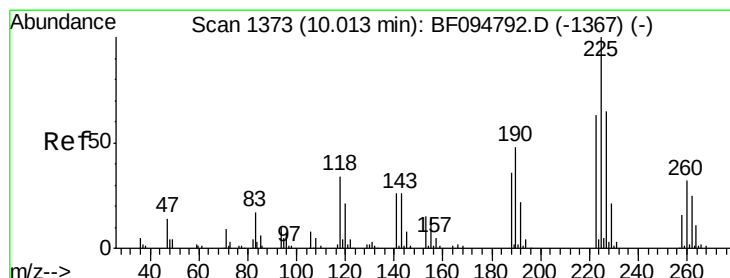
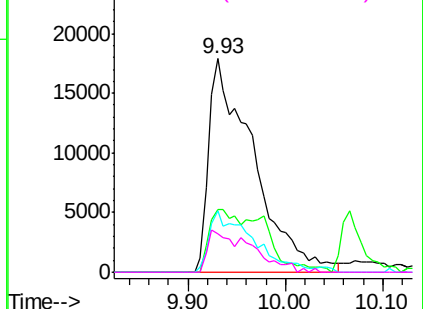
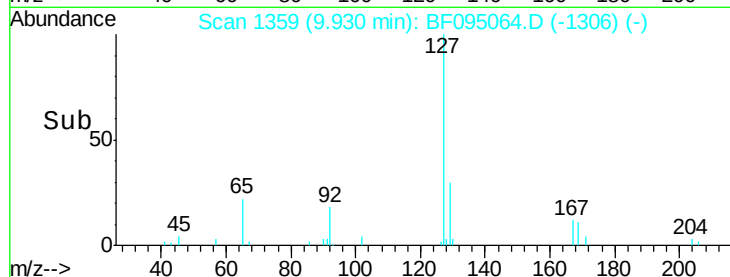
#33
 4-Chloroaniline
 Concen: 8.60 ng
 RT: 9.93 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tgt Ion:	127	Resp:	57084
Ion	Ratio	Lower	Upper
127	100		
129	29.6	26.2	39.2
65	28.6	27.8	41.8
92	17.8	16.8	25.2

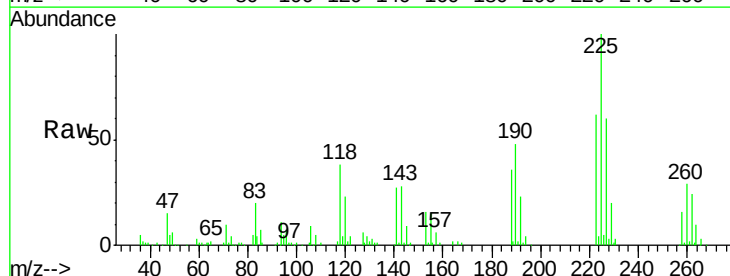


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

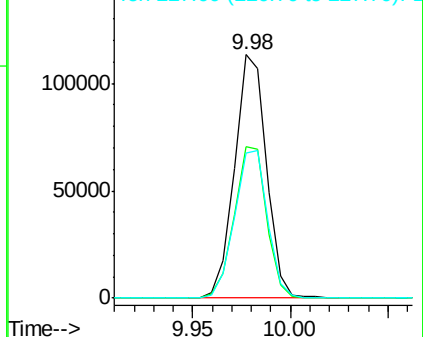
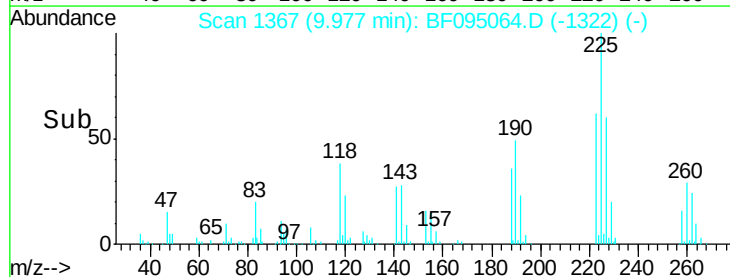


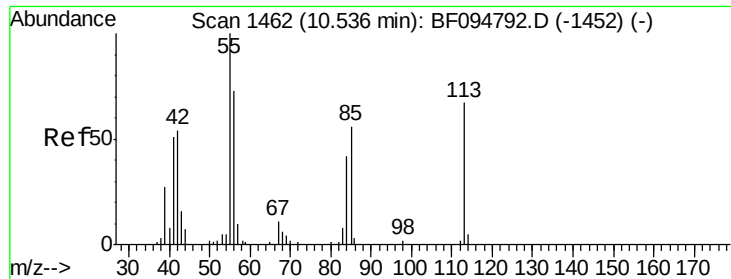
#34
 Hexachlorobutadiene
 Concen: 46.63 ng
 RT: 9.98 min Scan# 1367
 Delta R.T. -0.04 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:	225	Resp:	127945
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.8	73.2
227	59.6	51.1	76.7



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





#35

Caprolactam

Concen: 27.58 ng

RT: 10.54 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

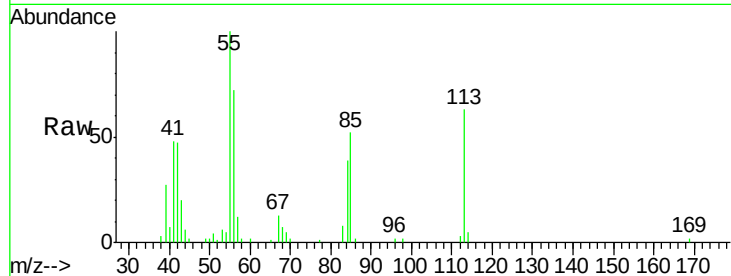
Tgt Ion:113 Resp: 40192

Ion Ratio Lower Upper

113 100

55 159.5 150.2 190.2

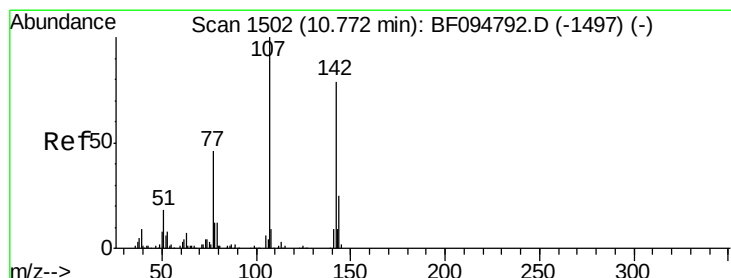
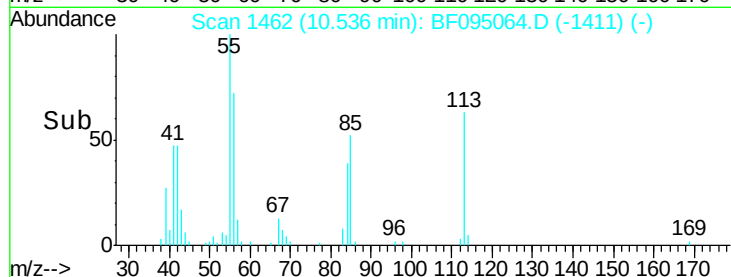
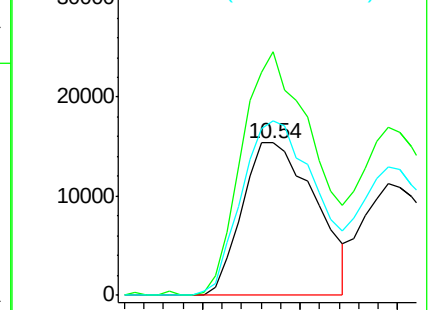
56 114.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.87 ng

RT: 10.77 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

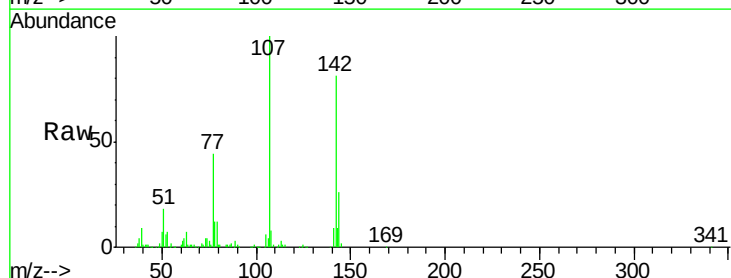
Tgt Ion:107 Resp: 269179

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

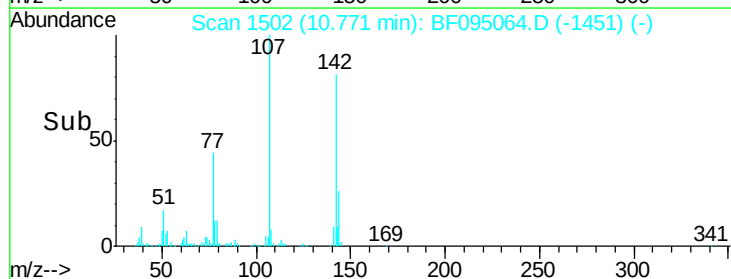
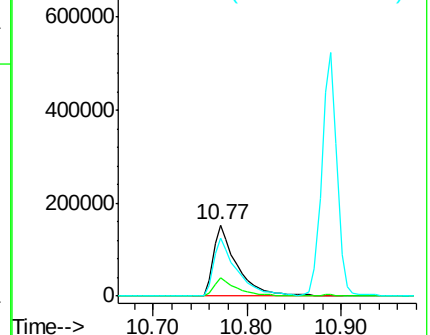
142 81.2 73.4 110.0

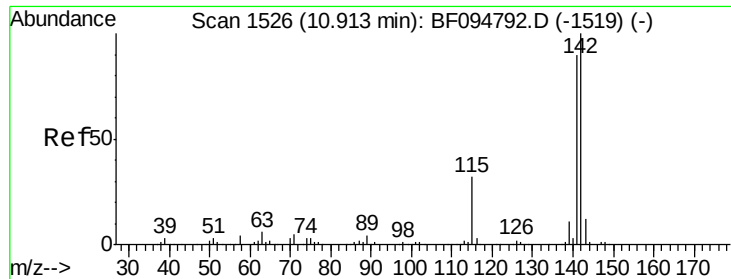


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

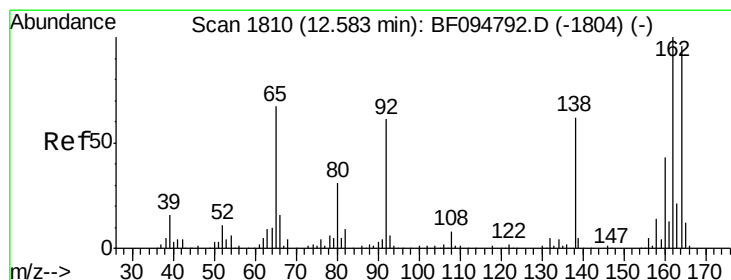
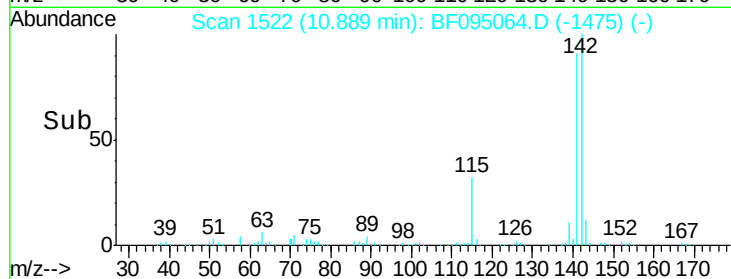
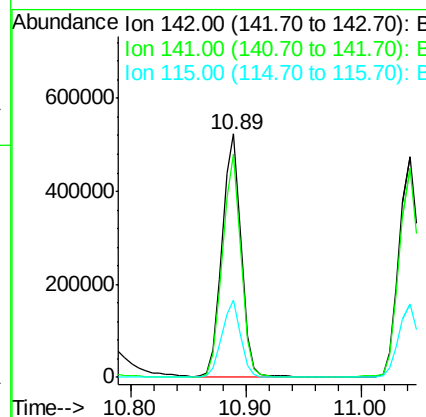
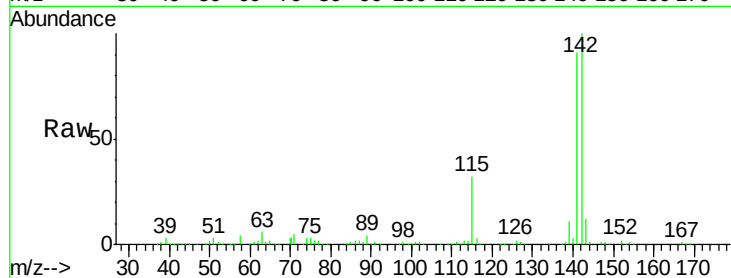




#37
2-Methylnaphthalene
Concen: 51.33 ng
RT: 10.89 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

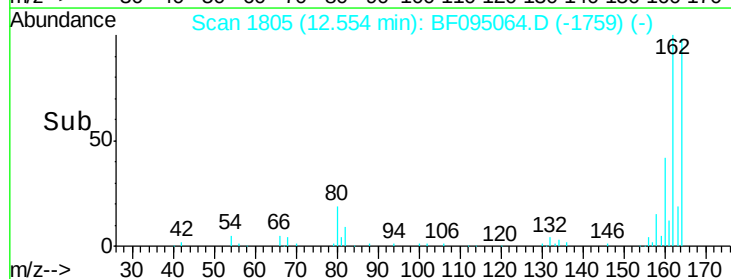
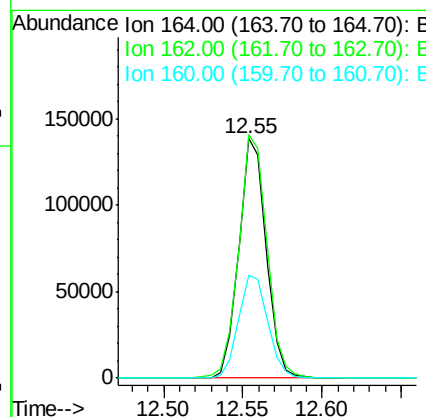
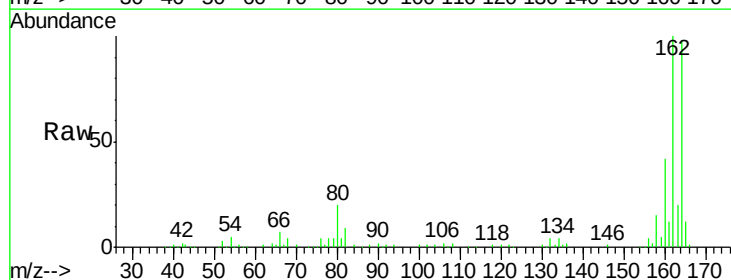
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

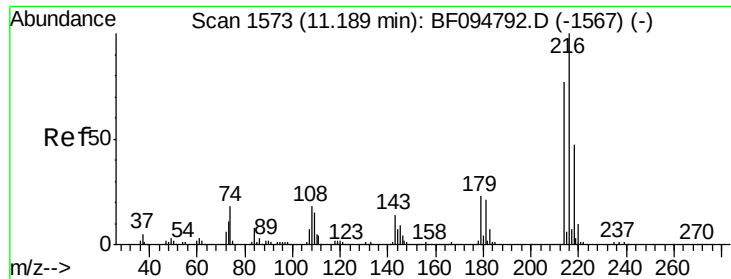
Tgt Ion:142 Resp: 600209
Ion Ratio Lower Upper
142 100
141 91.5 71.3 106.9
115 31.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion:164 Resp: 165261
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 42.7 36.2 54.2

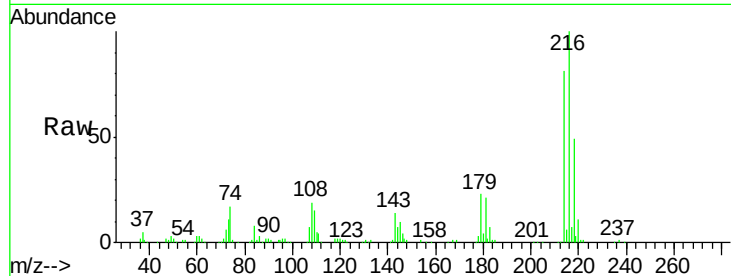




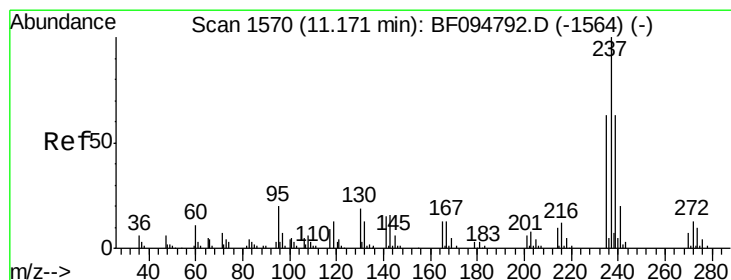
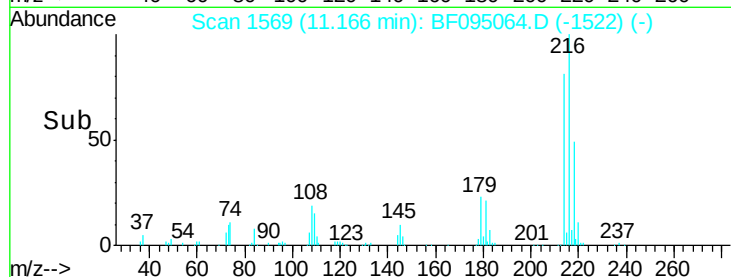
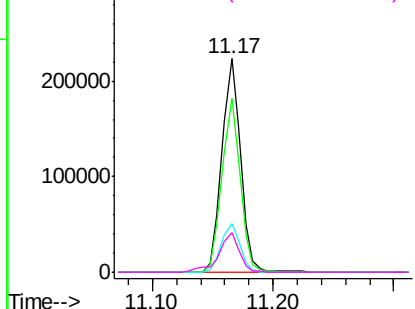
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.90 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tgt Ion:	216	Resp:	238381
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	22.5	17.9	26.9
108	20.3	16.5	24.7

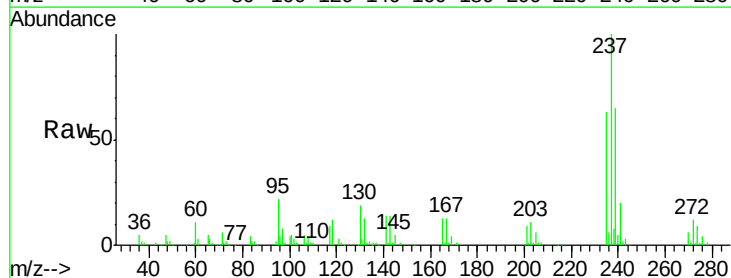


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

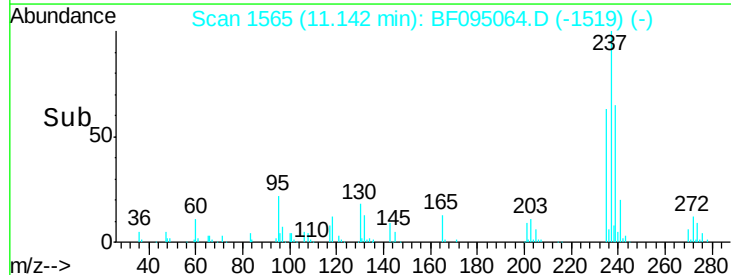
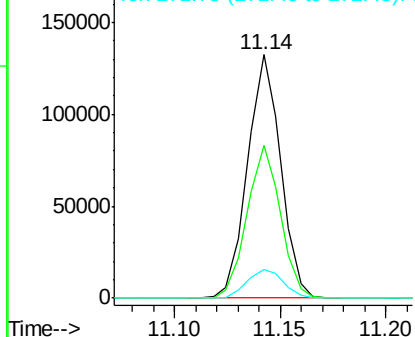


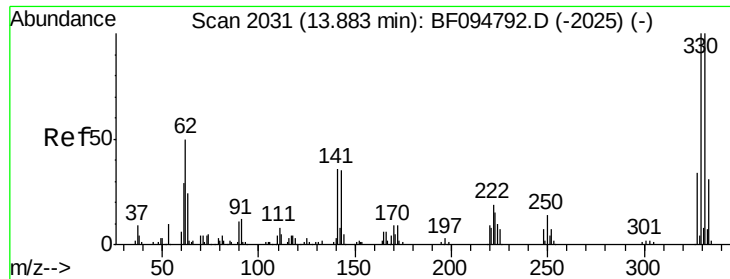
#40
 Hexachlorocyclopentadiene
 Concen: 68.37 ng
 RT: 11.14 min Scan# 1565
 Delta R.T. -0.03 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:	237	Resp:	144041
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.6	82.6
272	12.0	0.0	31.9



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

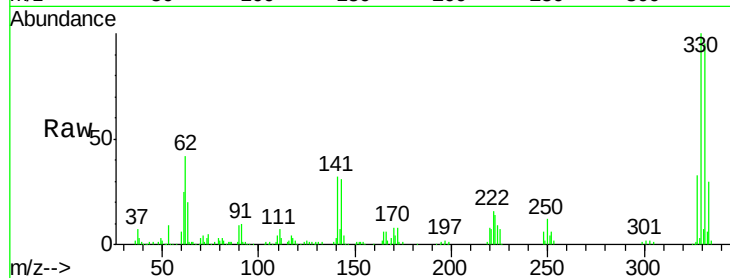




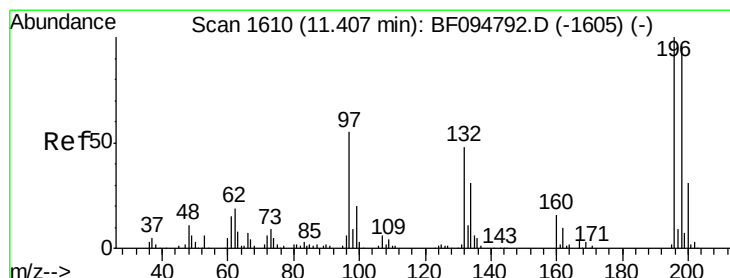
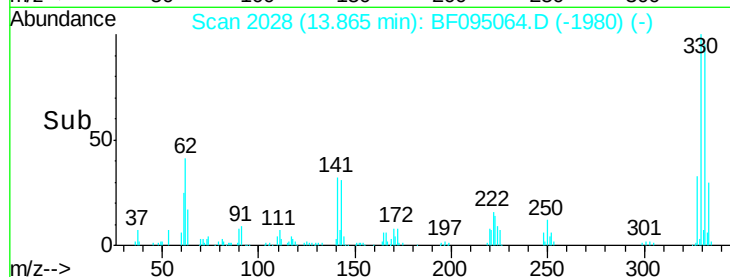
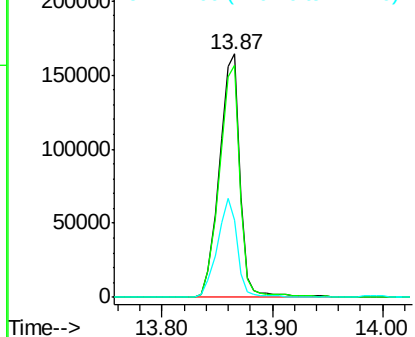
#41
 2,4,6-Tribromophenol
 Concen: 158.17 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tgt Ion:330 Resp: 214079
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 39.7 31.4 47.2

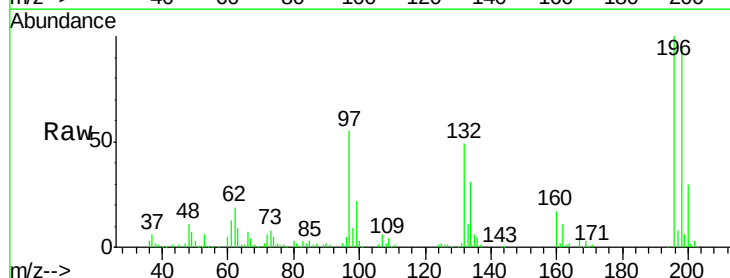


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

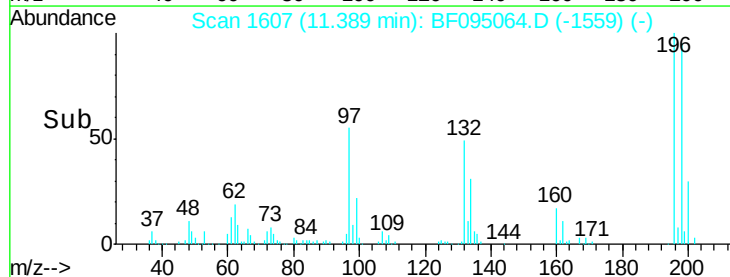
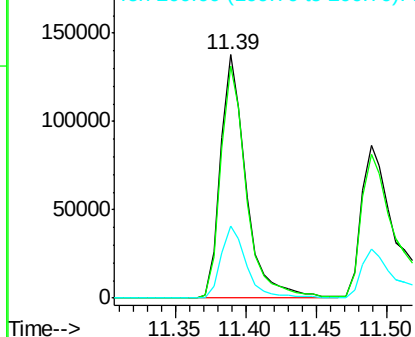


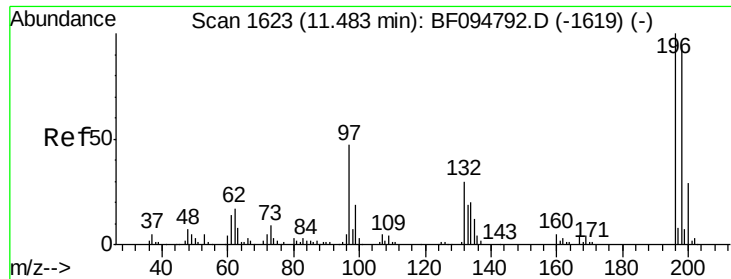
#42
 2,4,6-Trichlorophenol
 Concen: 51.25 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:196 Resp: 173908
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 29.7 24.0 36.0



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

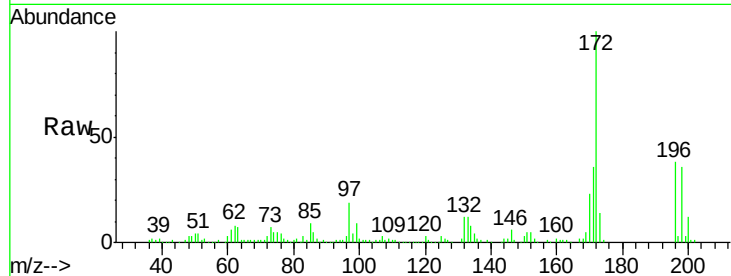




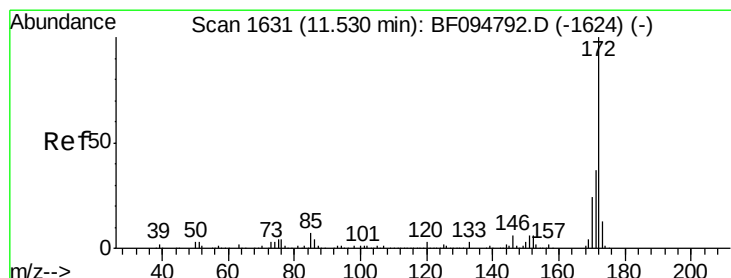
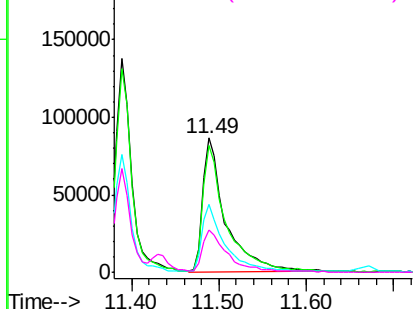
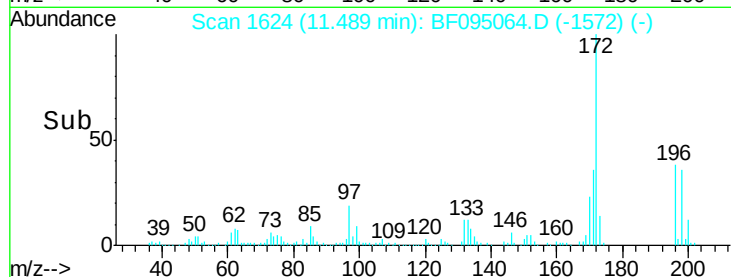
#43
 2,4,5-Trichlorophenol
 Concen: 43.51 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tgt Ion:196 Resp: 158682
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 97 50.2 47.7 71.5
 132 31.5 28.0 42.0

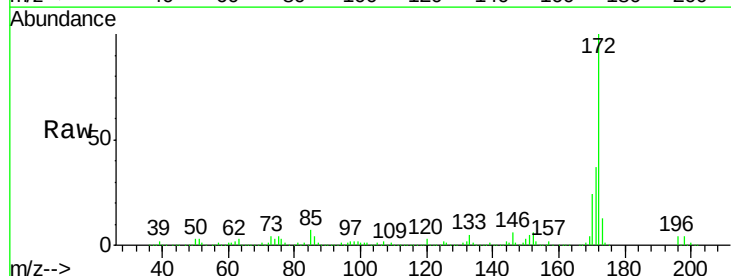


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

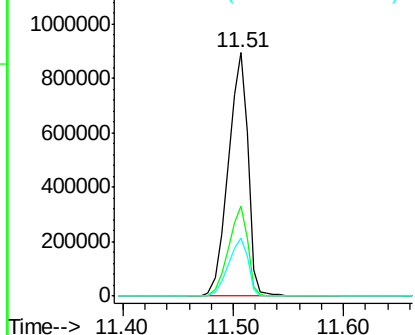
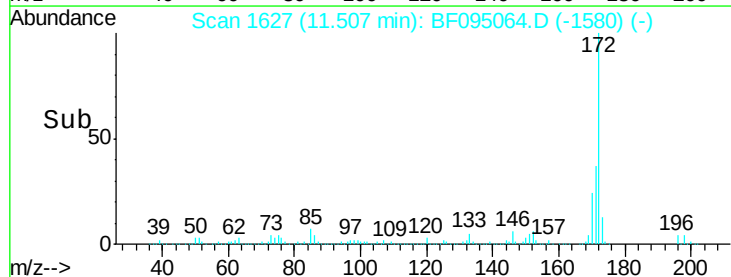


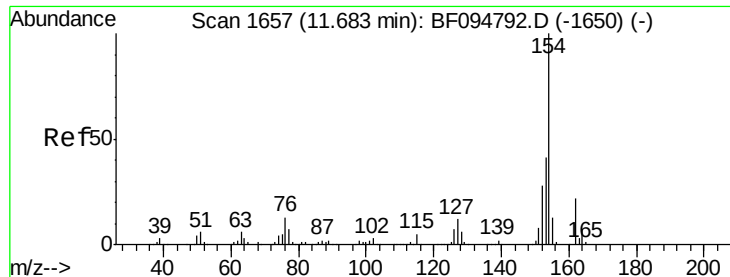
#44
 2-Fluorobiphenyl
 Concen: 97.31 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:172 Resp: 1117237
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 23.8 19.8 29.8



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

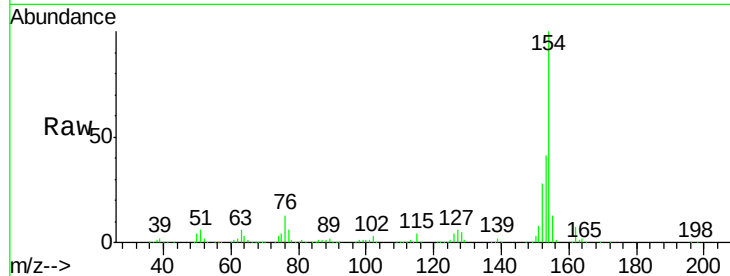




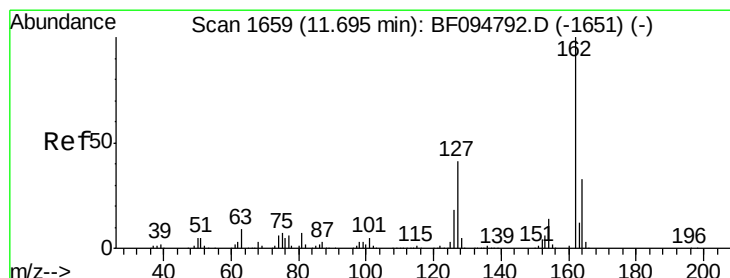
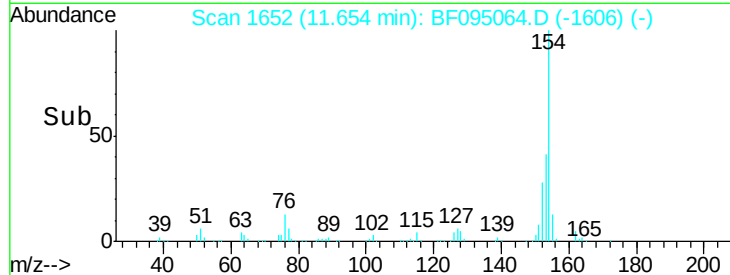
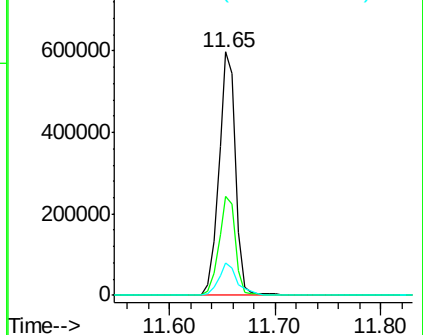
#45
 1,1'-Biphenyl
 Concen: 47.61 ng
 RT: 11.65 min Scan# 1652
 Delta R.T. -0.03 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tgt Ion:154 Resp: 662493
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.2 61.2
 76 13.2 0.0 29.9

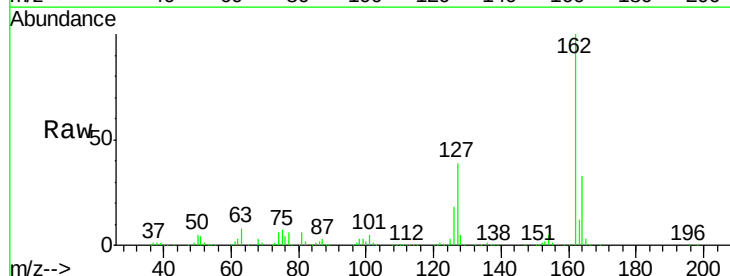


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

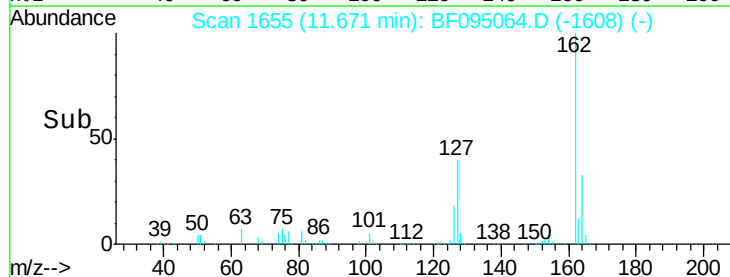
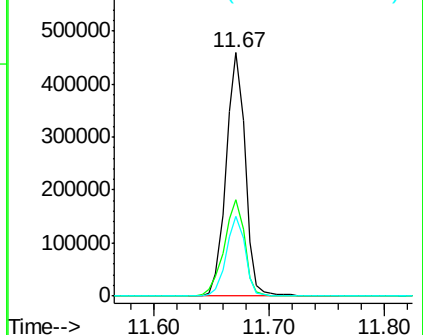


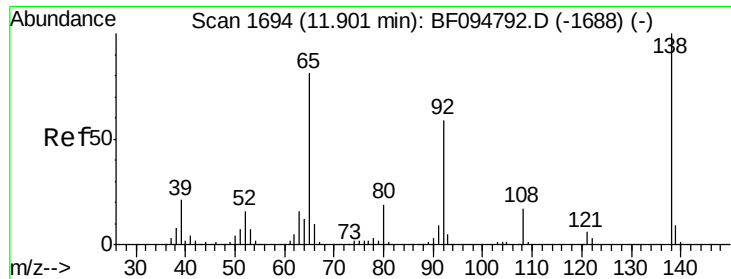
#46
 2-Chloronaphthalene
 Concen: 46.83 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:162 Resp: 526140
 Ion Ratio Lower Upper
 162 100
 127 39.4 28.3 42.5
 164 32.9 27.0 40.4



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

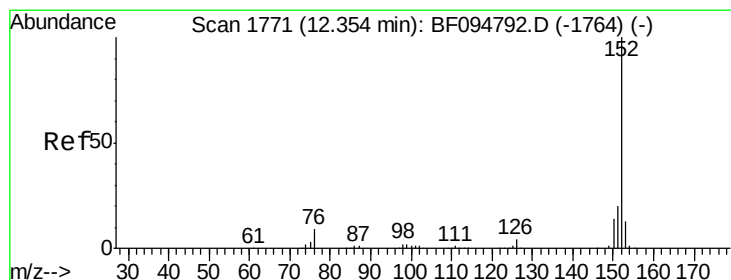
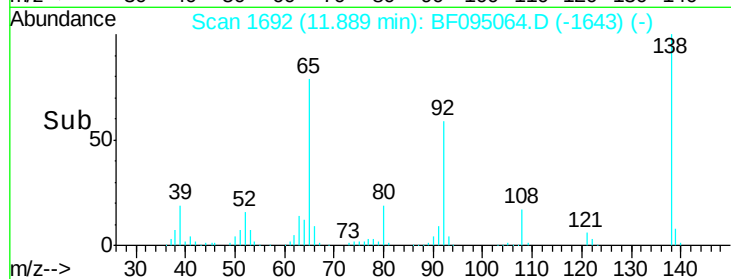
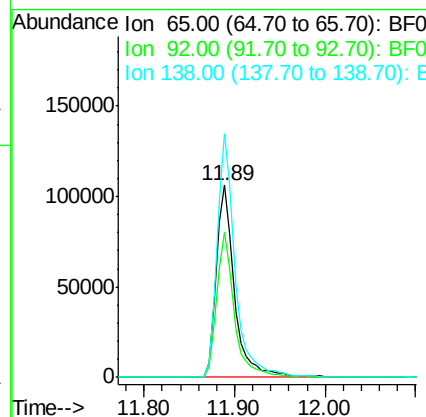
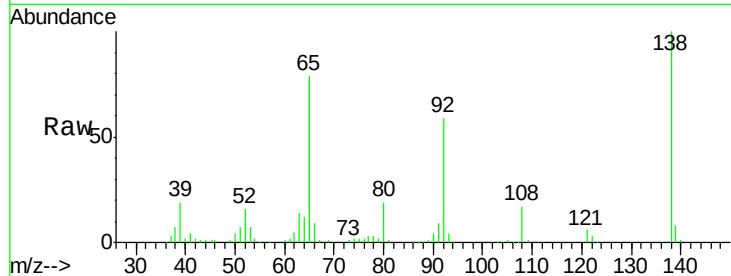




#47
2-Nitroaniline
Concen: 48.81 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

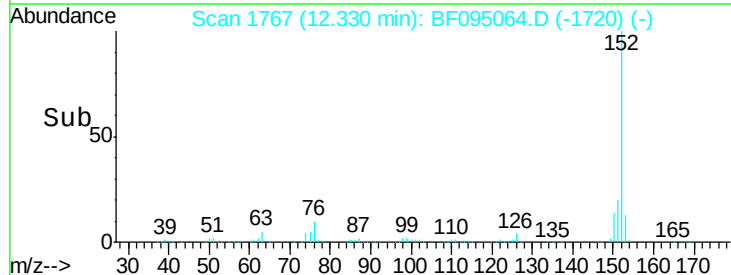
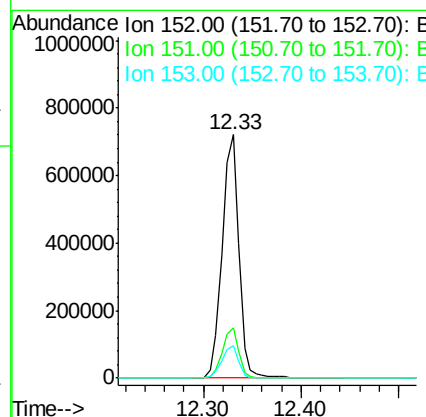
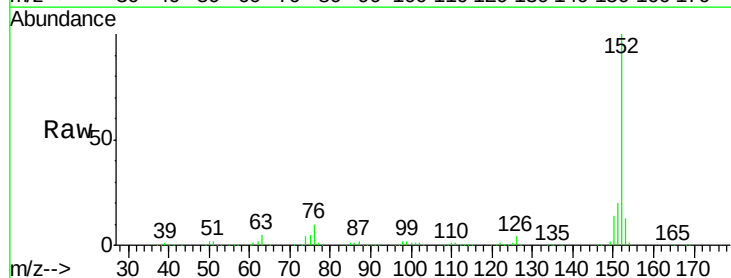
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

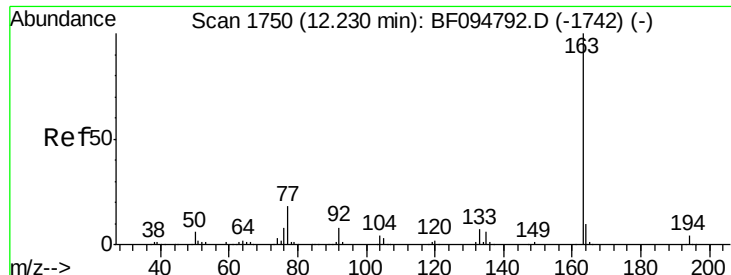
Tgt Ion: 65 Resp: 150090
Ion Ratio Lower Upper
65 100
92 75.3 53.9 80.9
138 126.8 78.8 118.2#



#48
Acenaphthylene
Concen: 48.85 ng
RT: 12.33 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion: 152 Resp: 859691
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 55.51 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

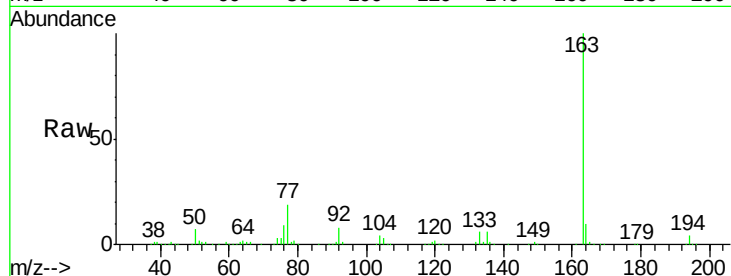
Tgt Ion:163 Resp: 753084

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

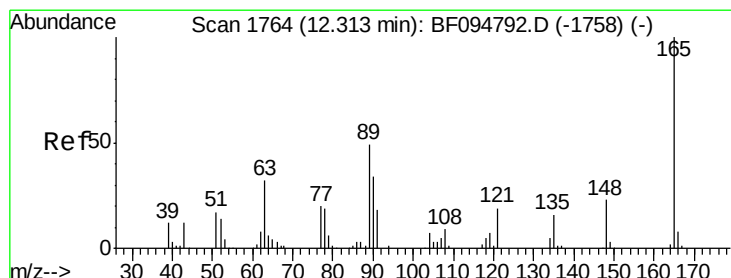
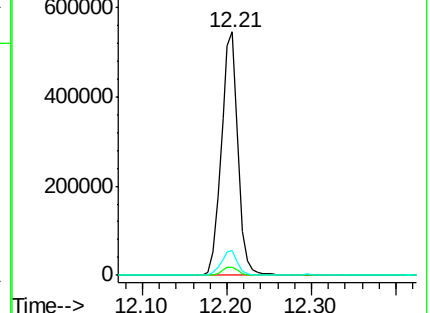
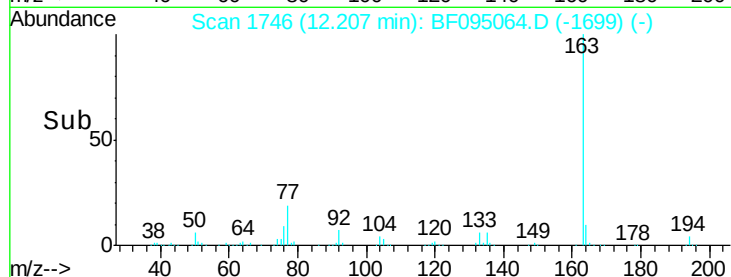
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.47 ng

RT: 12.29 min Scan# 1761

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

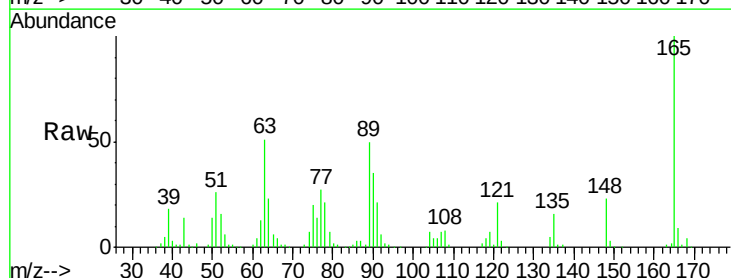
Tgt Ion:165 Resp: 139703

Ion Ratio Lower Upper

165 100

63 50.7 34.3 51.5

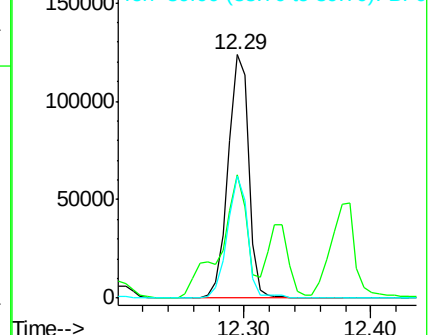
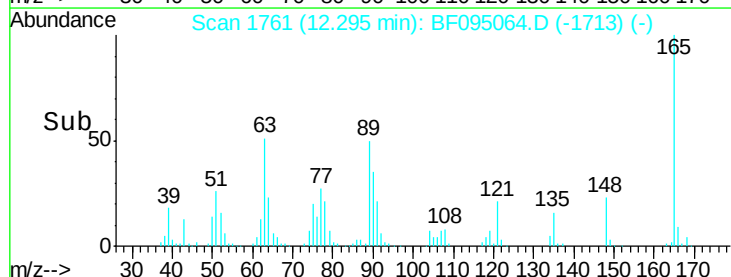
89 49.9 37.1 55.7

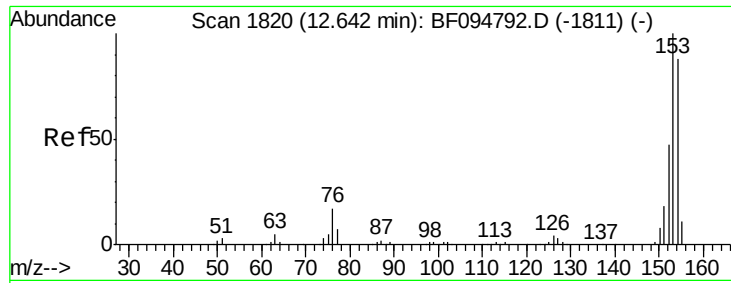


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.64 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

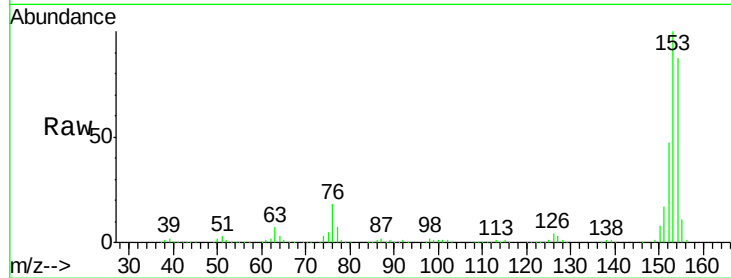
Tgt Ion:154 Resp: 500750

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

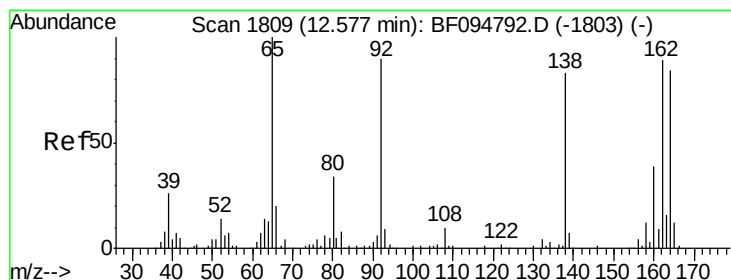
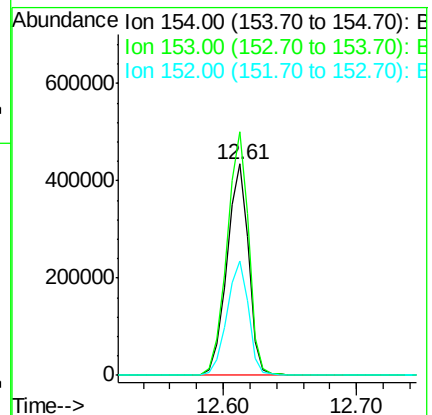
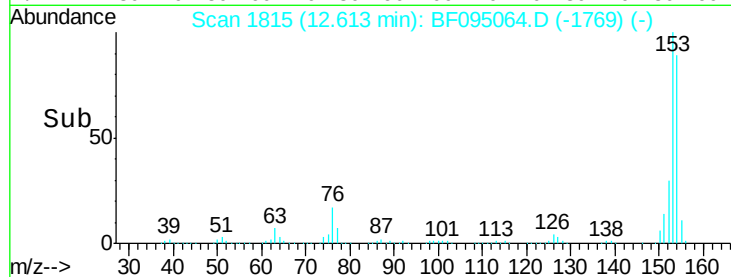
152 54.1 43.6 65.4



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: 19.17 ng

RT: 12.58 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

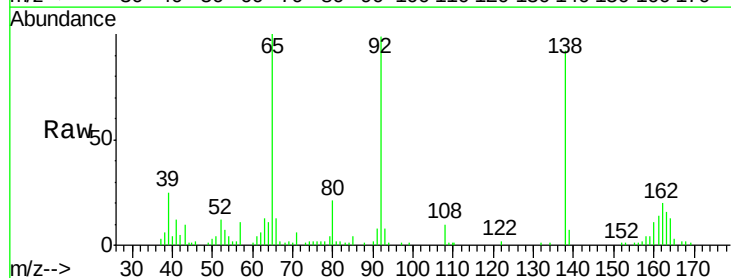
Tgt Ion:138 Resp: 56953

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

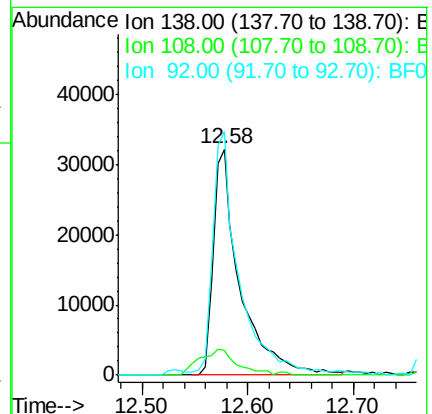
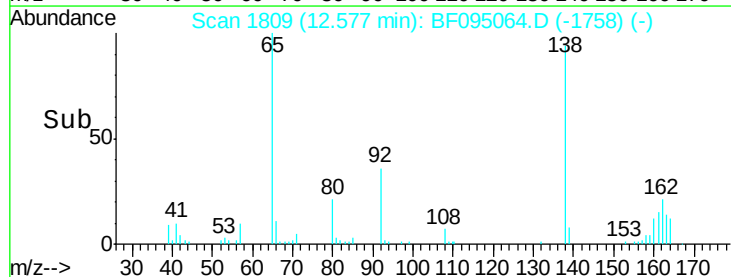
92 107.6 93.8 140.6

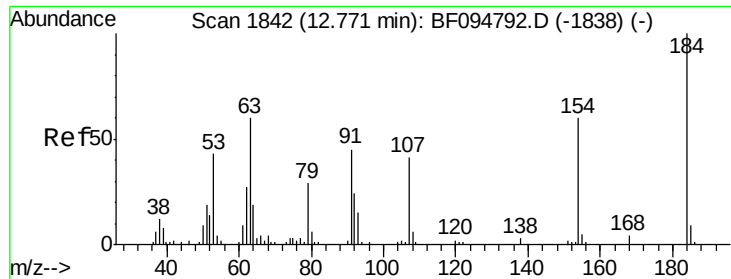


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

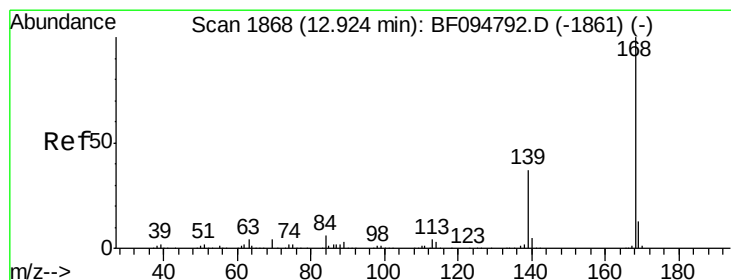
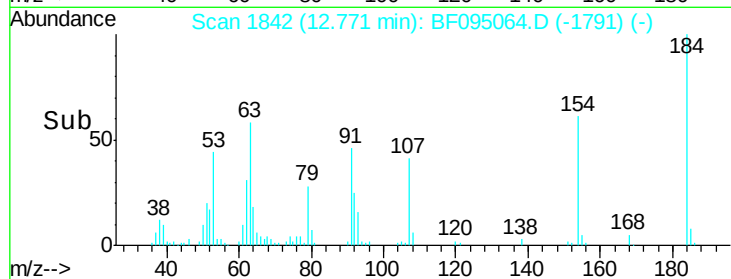
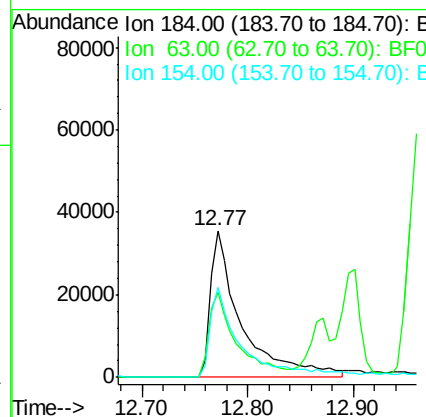
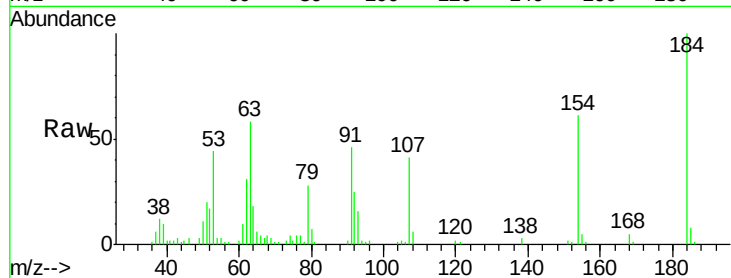




#53
2,4-Dinitrophenol
Concen: 49.95 ng
RT: 12.77 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

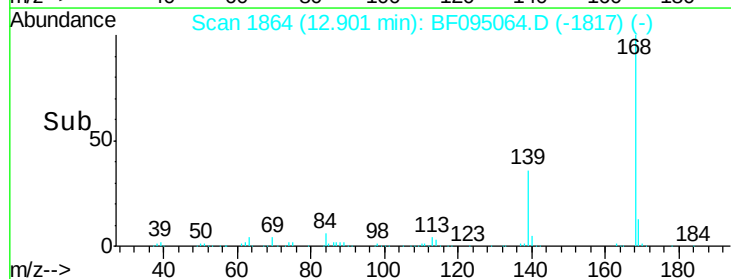
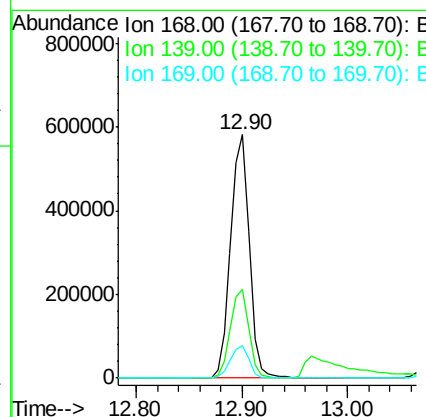
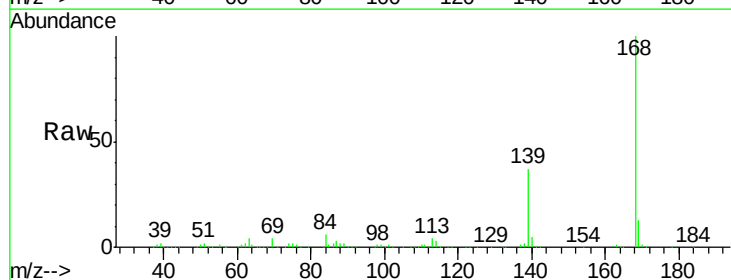
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

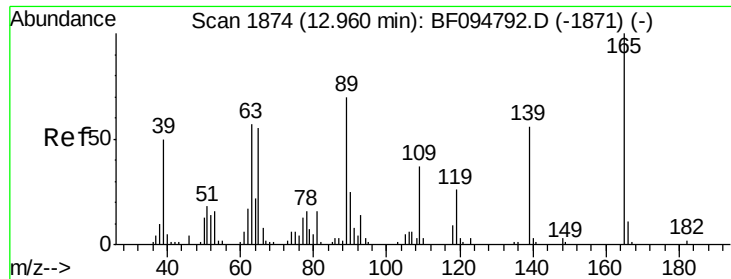
Tgt Ion:184 Resp: 72266
Ion Ratio Lower Upper
184 100
63 57.7 62.7 94.1#
154 61.4 81.1 121.7#



#54
Dibenzofuran
Concen: 48.94 ng
RT: 12.90 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion:168 Resp: 711874
Ion Ratio Lower Upper
168 100
139 36.6 30.6 45.8
169 13.1 10.8 16.2

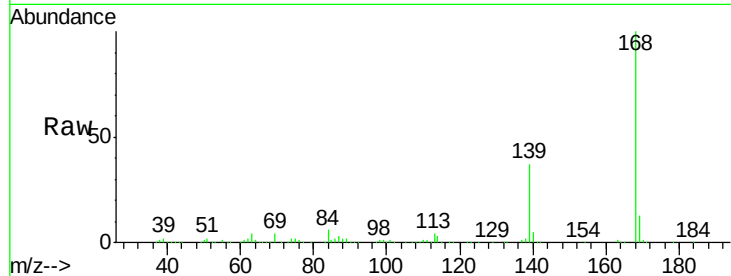




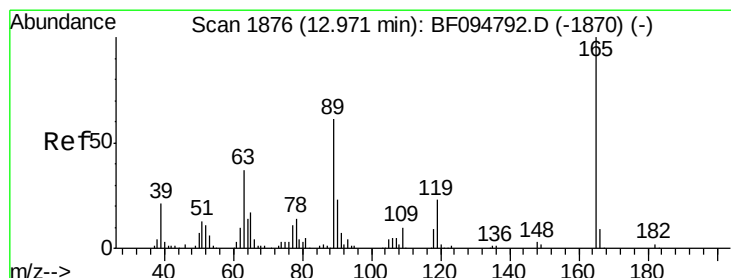
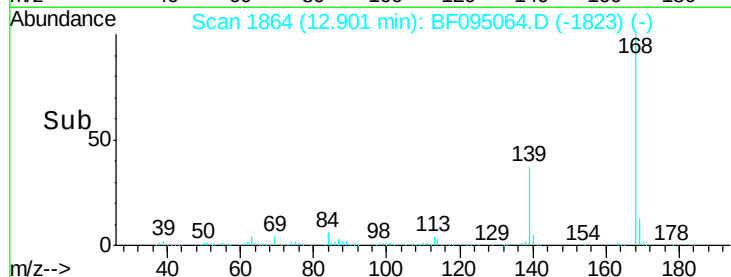
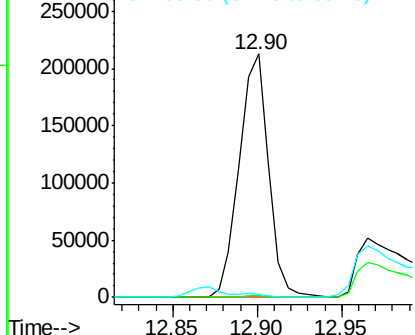
#55
4-Nitrophenol
Concen: 144.93 ng
RT: 12.90 min Scan# 1864
Delta R.T. -0.06 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tgt Ion:139 Resp: 258601
Ion Ratio Lower Upper
139 100
109 0.7 34.1 74.1#
65 1.2 31.4 71.4#

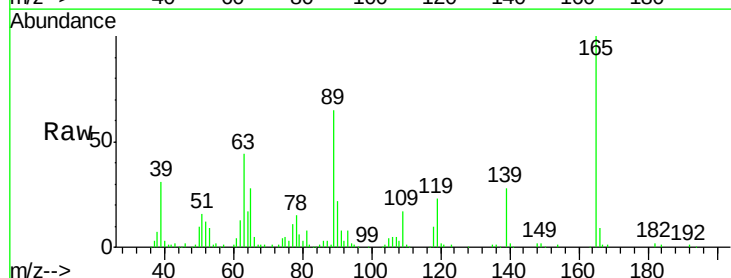


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

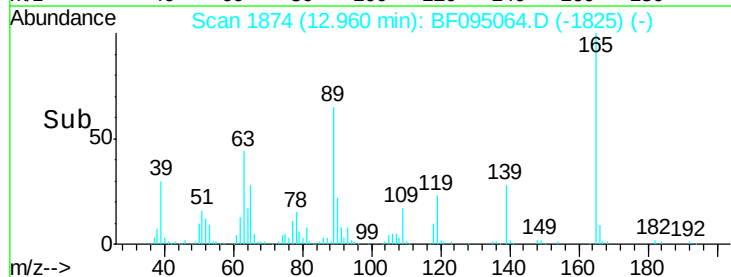
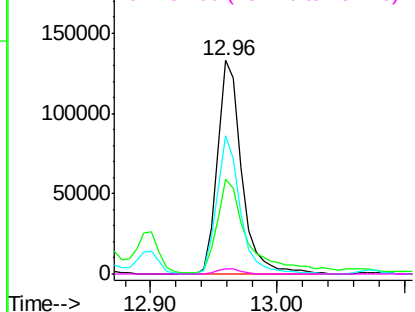


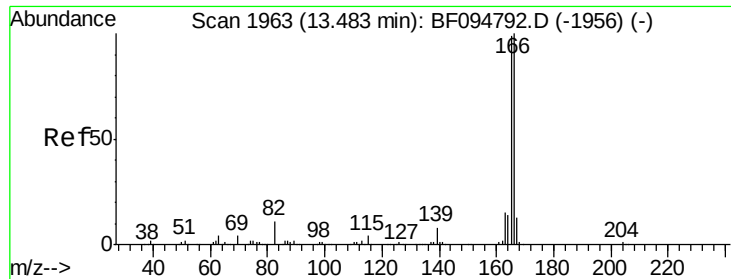
#56
2,4-Dinitrotoluene
Concen: 50.55 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion:165 Resp: 179783
Ion Ratio Lower Upper
165 100
63 44.4 25.4 38.0#
89 64.8 46.4 69.6
182 2.4 1.8 2.6



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

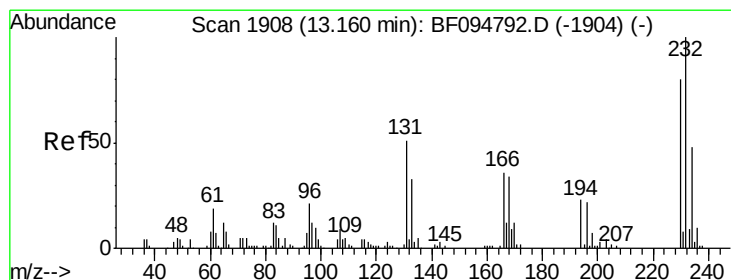
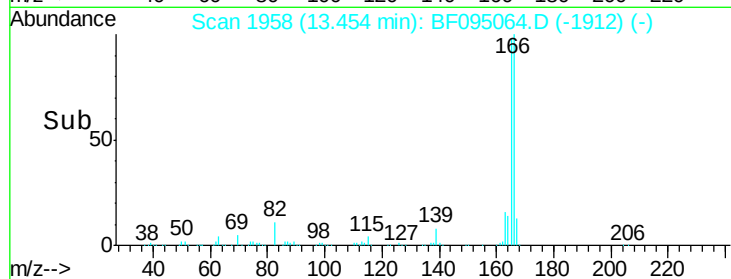
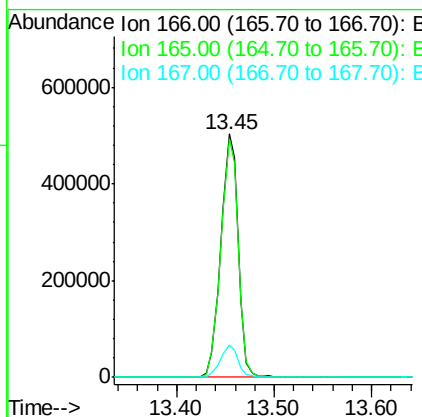
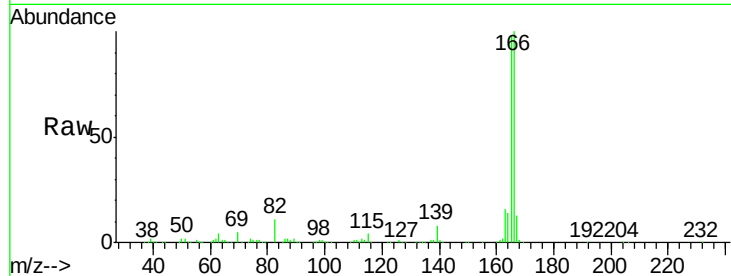




#57
 Fluorene
 Concen: 48.87 ng
 RT: 13.45 min Scan# 1958
 Delta R.T. -0.03 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

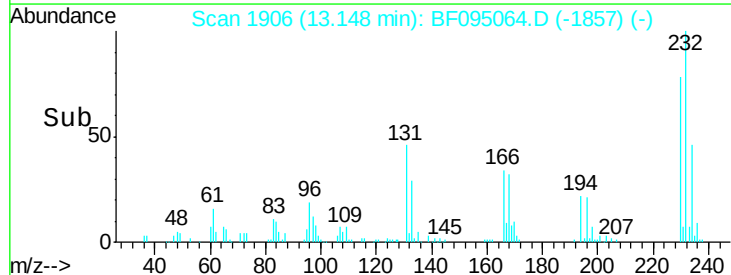
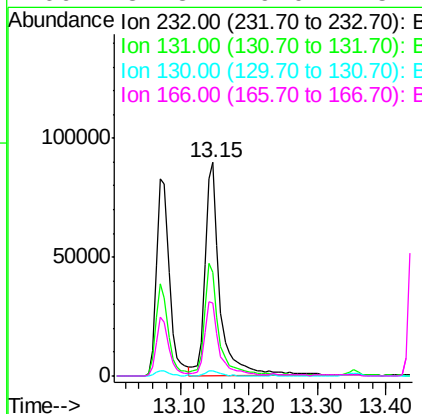
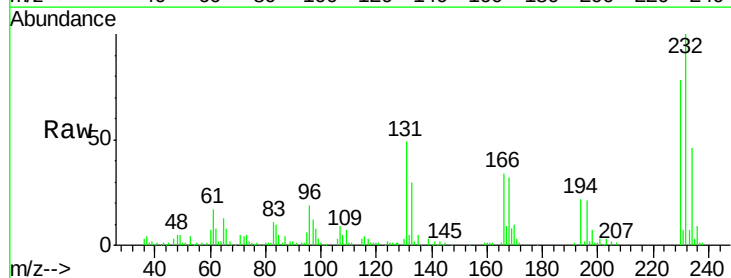
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

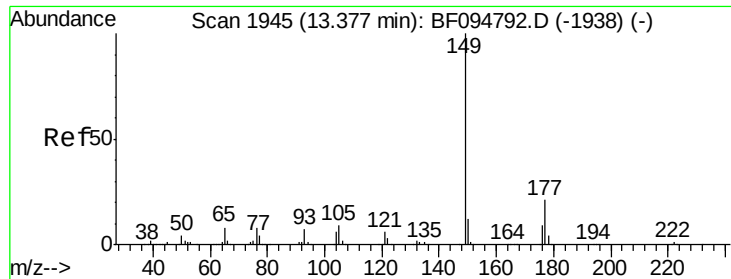
Tgt Ion:166 Resp: 618033
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.69 ng
 RT: 13.15 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:232 Resp: 136997
 Ion Ratio Lower Upper
 232 100
 131 48.1 44.8 67.2
 130 2.4 2.3 3.5
 166 32.3 29.0 43.4

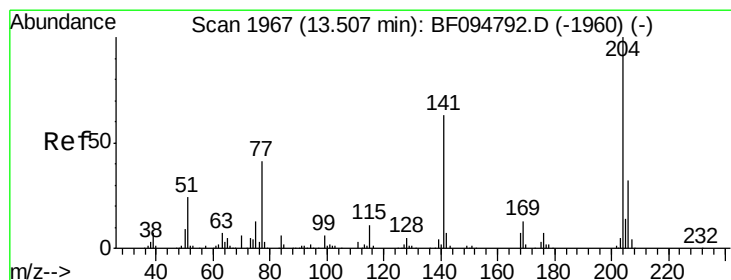
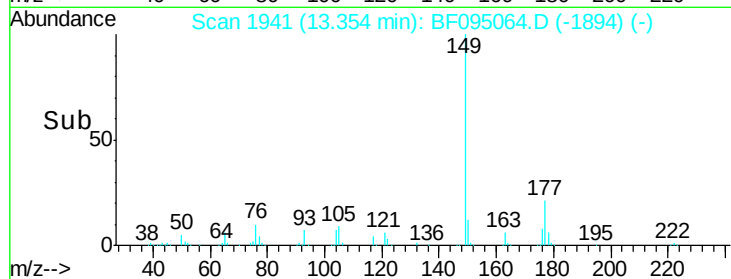
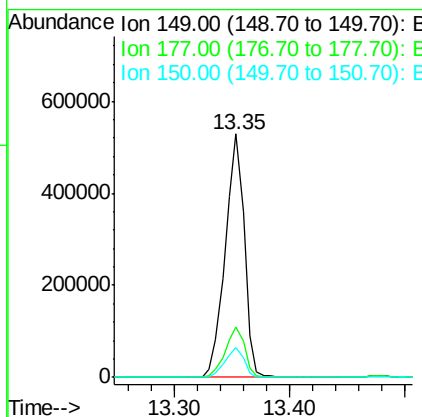
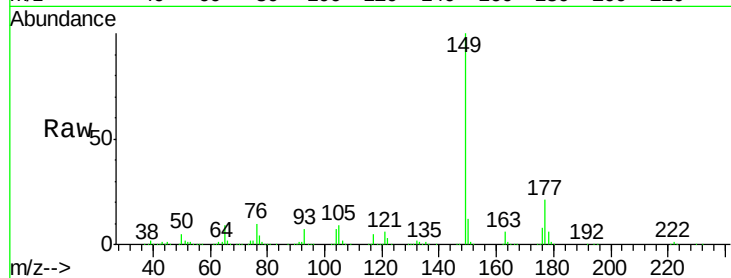




#59
Diethylphthalate
Concen: 46.74 ng
RT: 13.35 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

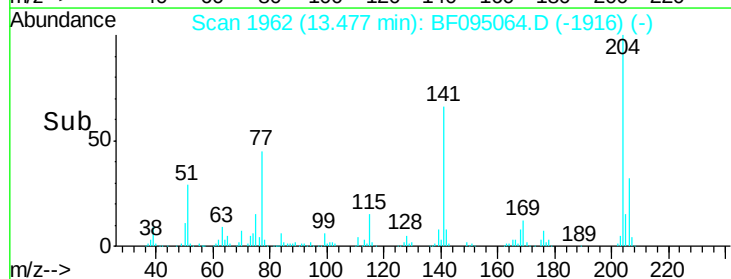
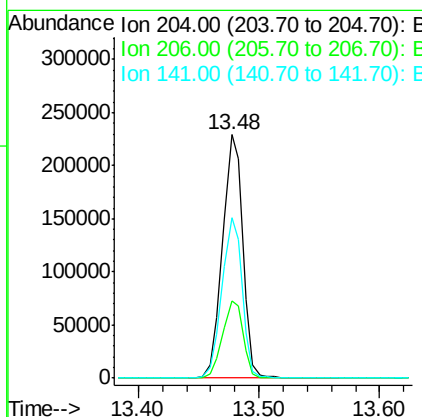
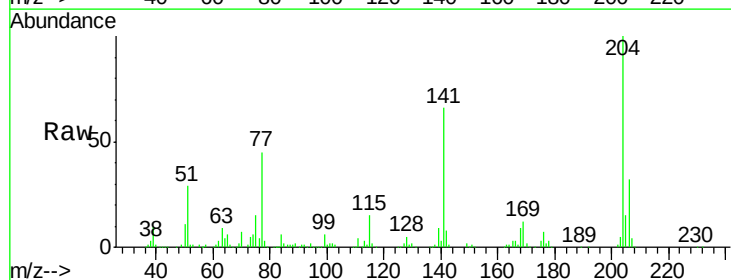
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

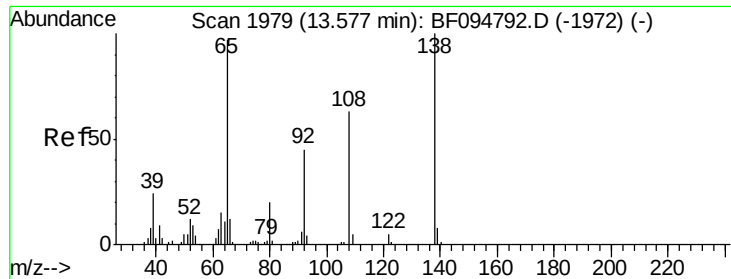
Tgt Ion:149 Resp: 607769
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.63 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion:204 Resp: 264742
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 66.1 60.8 91.2





#61

4-Nitroaniline

Concen: 46.57 ng

RT: 13.57 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

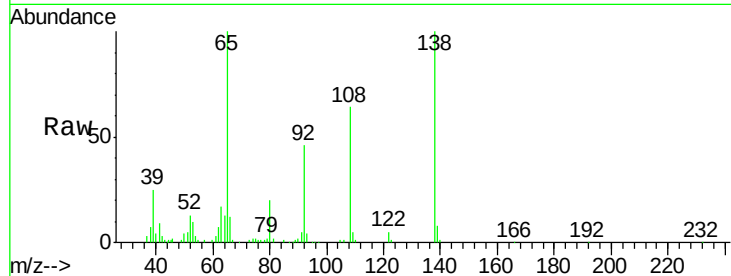
Tgt Ion:138 Resp: 127003

Ion Ratio Lower Upper

138 100

92 46.2 21.8 61.8

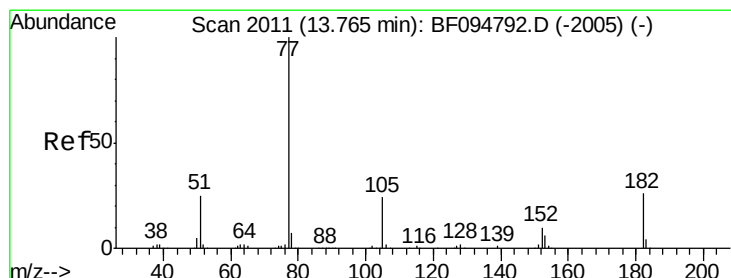
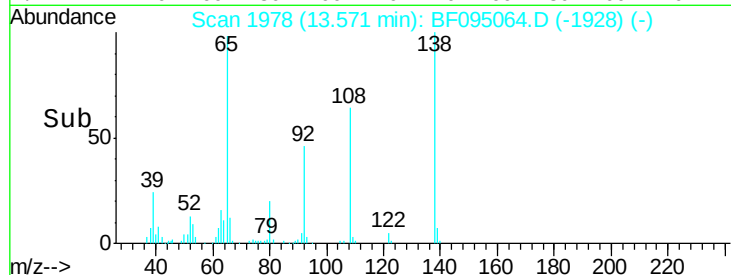
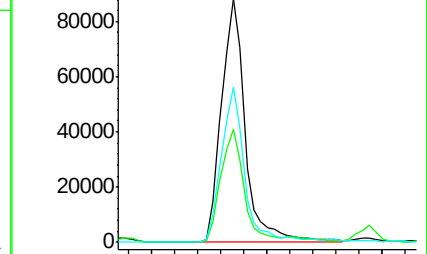
108 63.6 42.3 82.3



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: 52.05 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion: 77 Resp: 543881

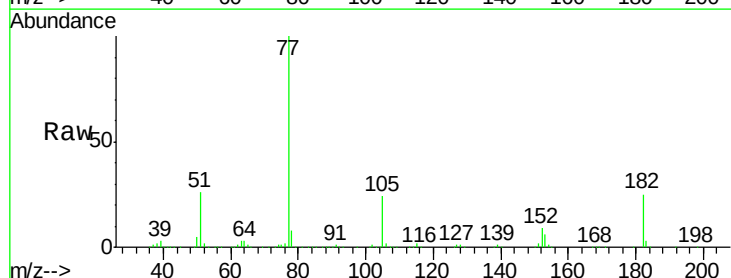
Ion Ratio Lower Upper

77 100

182 25.1 0.1 40.1

105 24.2 3.6 43.6

51 26.4 9.4 49.4

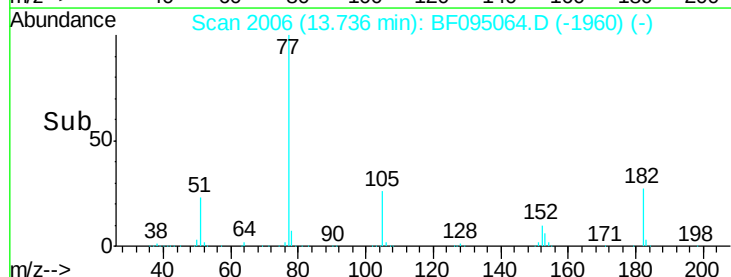
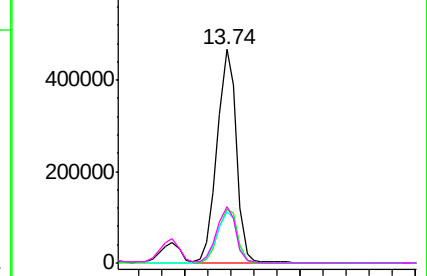


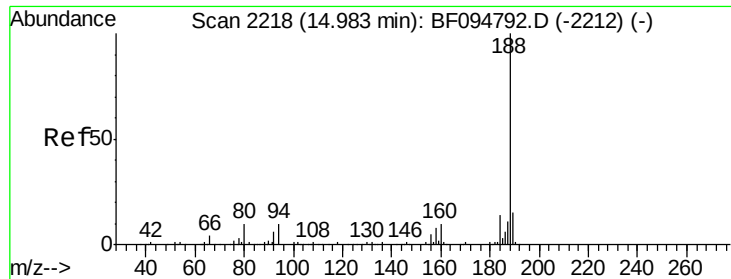
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

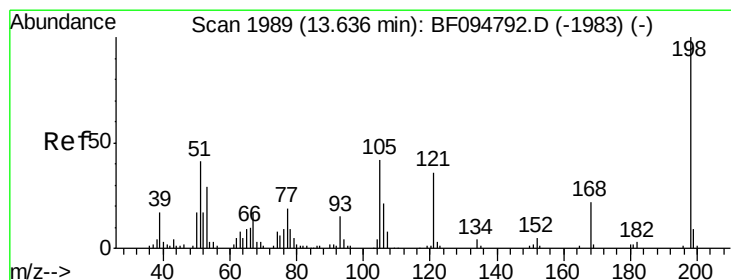
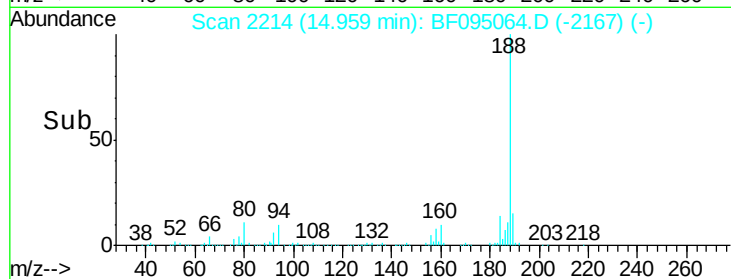
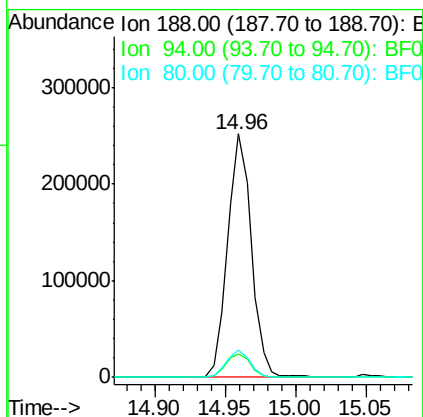
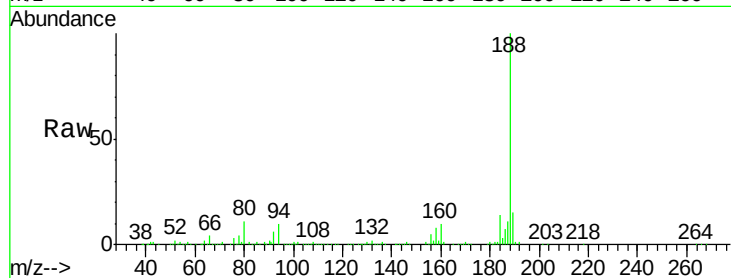




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

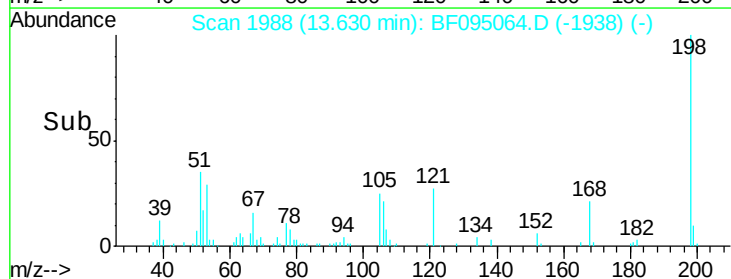
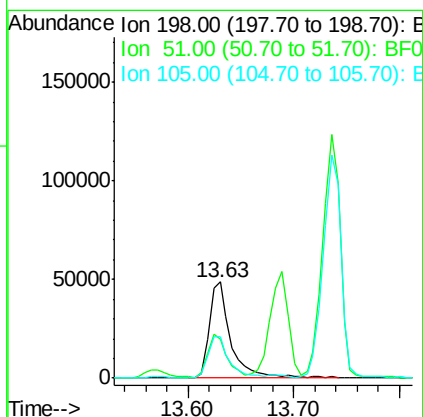
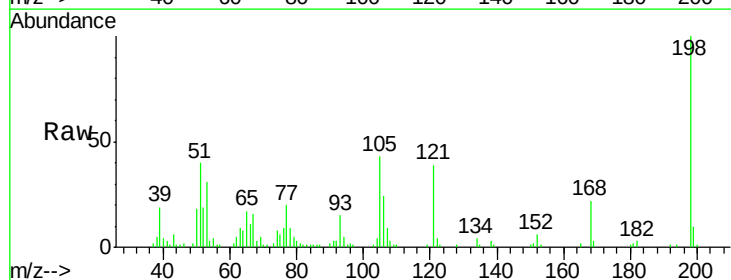
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

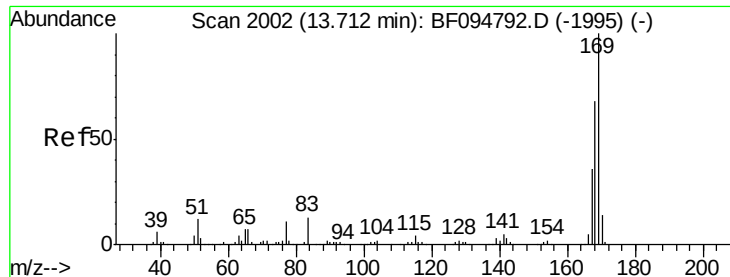
Tgt Ion:188 Resp: 295208
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 35.12 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion:198 Resp: 69510
Ion Ratio Lower Upper
198 100
51 40.4 53.2 93.2#
105 42.9 45.8 85.8#

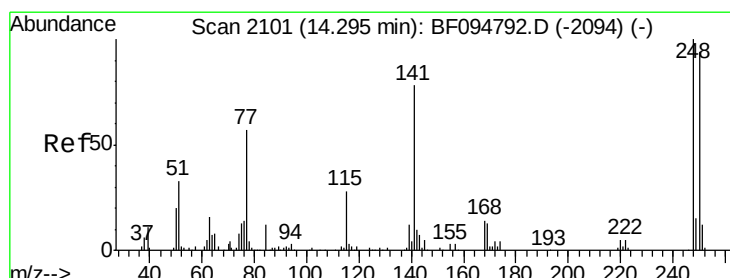
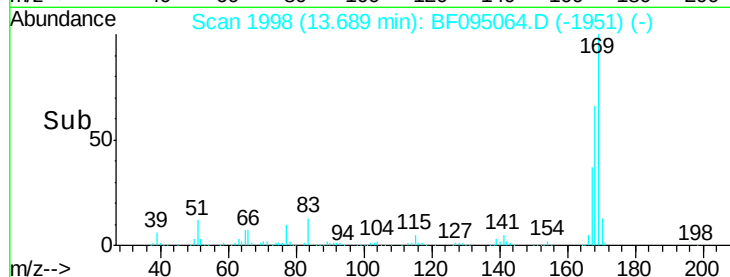
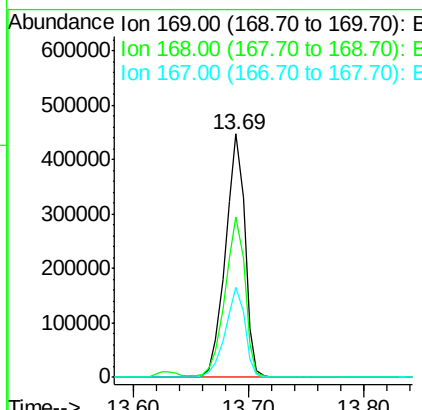
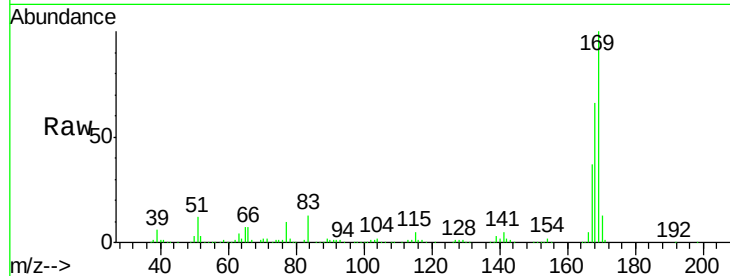




#65
 n-Nitrosodiphenylamine
 Concen: 48.81 ng
 RT: 13.69 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

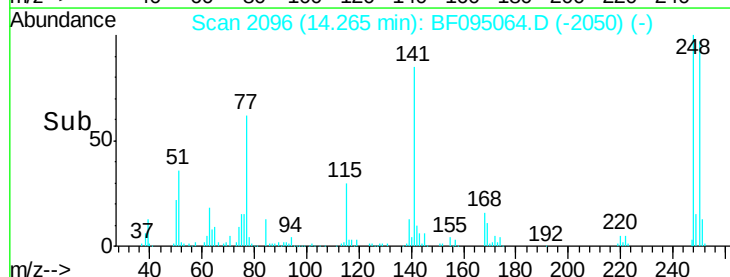
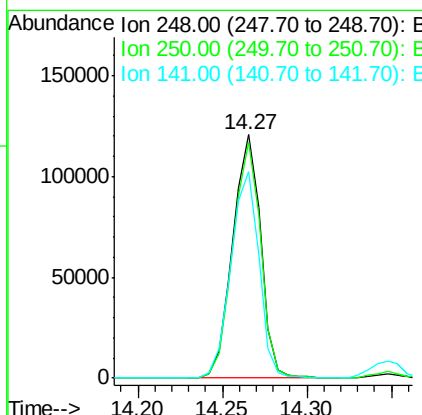
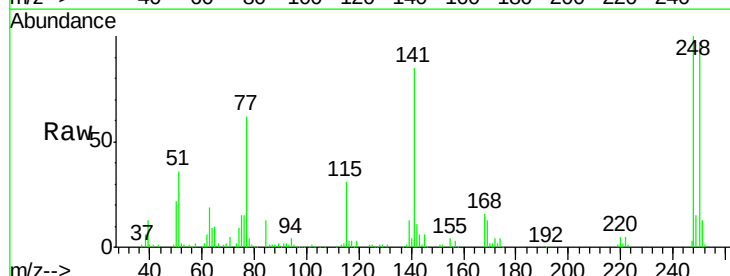
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

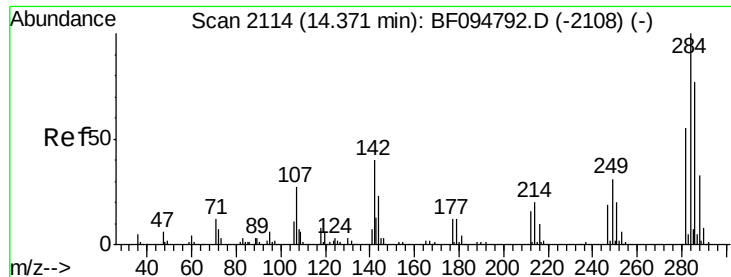
Tgt Ion:169 Resp: 523004
 Ion Ratio Lower Upper
 169 100
 168 65.7 53.2 79.8
 167 36.8 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.57 ng
 RT: 14.27 min Scan# 2096
 Delta R.T. -0.03 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:248 Resp: 139004
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.8 115.2
 141 84.9 68.6 103.0

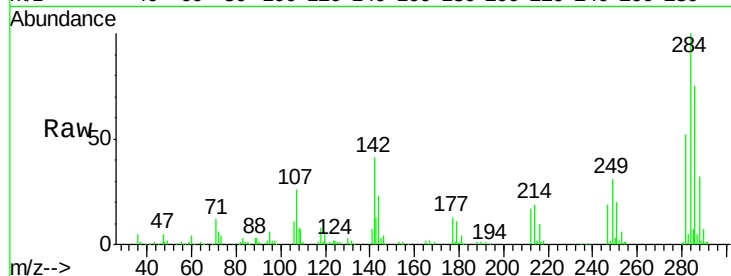




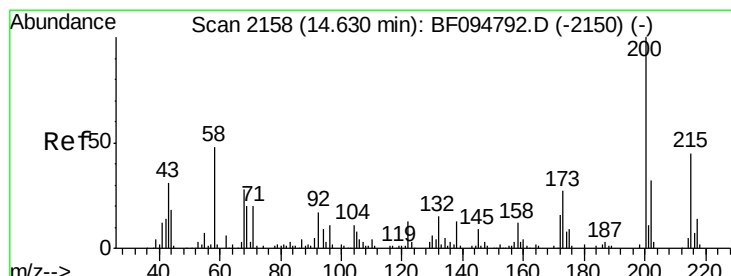
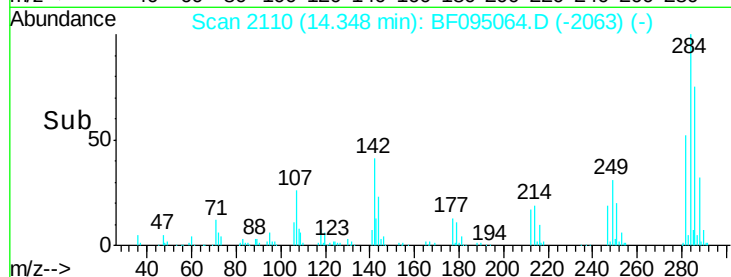
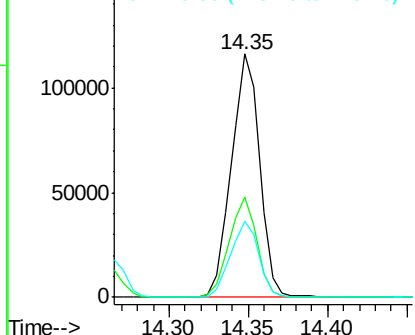
#67
Hexachlorobenzene
Concen: 44.90 ng
RT: 14.35 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tgt Ion: 284 Resp: 143530
Ion Ratio Lower Upper
284 100
142 41.1 22.8 34.2#
249 31.0 24.0 36.0

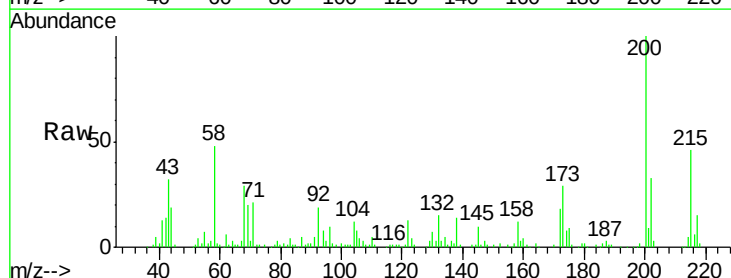


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

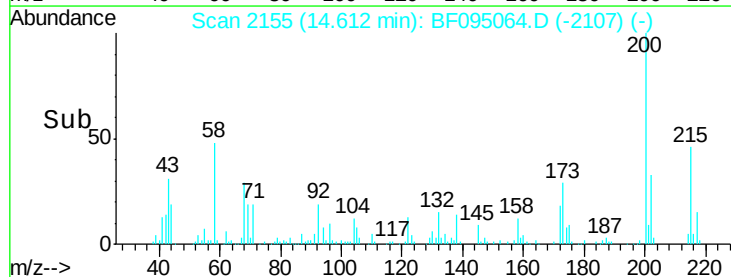
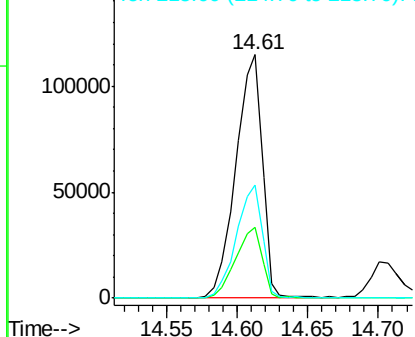


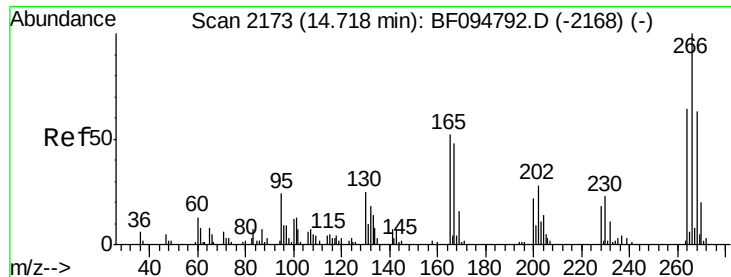
#68
Atrazine
Concen: 50.01 ng
RT: 14.61 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion: 200 Resp: 151294
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 46.4 27.2 67.2



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

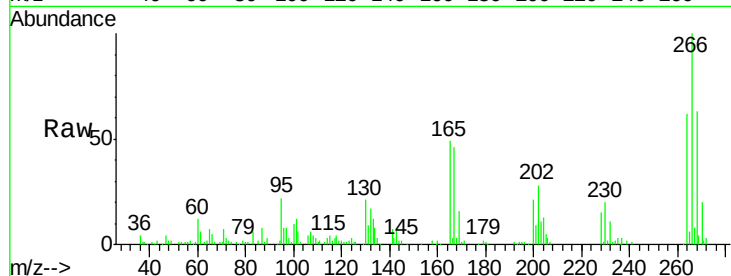




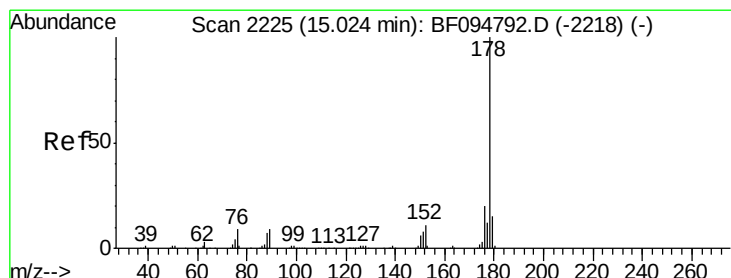
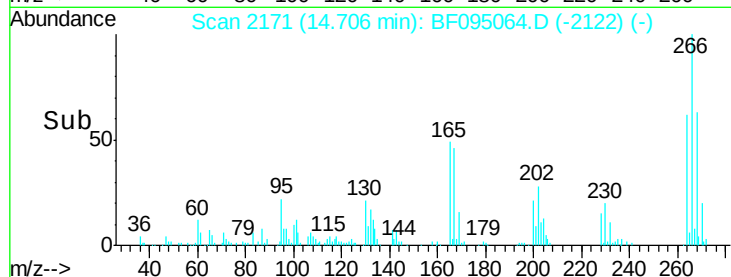
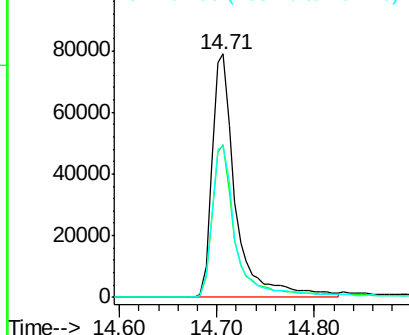
#69
 Pentachlorophenol
 Concen: 90.65 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tgt Ion: 266 Resp: 132230
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 62.1 51.7 77.5

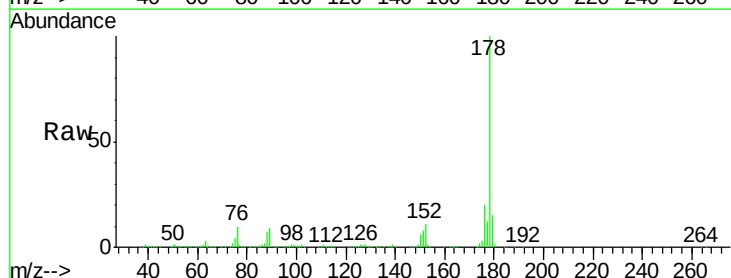


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

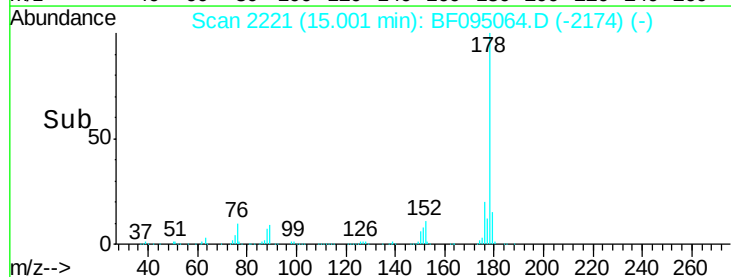
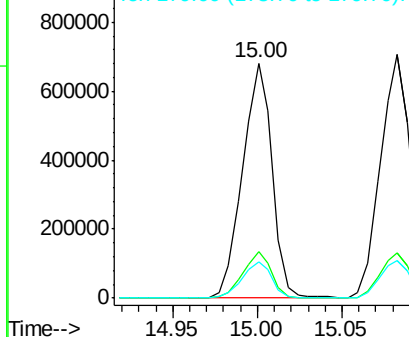


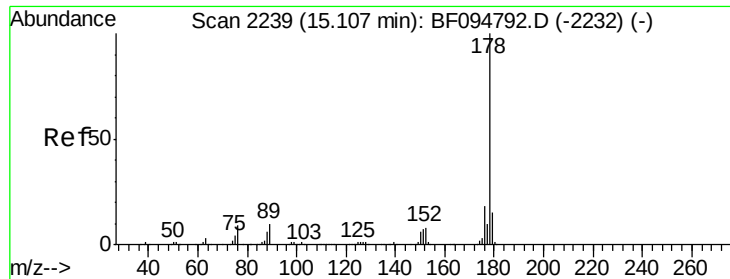
#70
 Phenanthrene
 Concen: 49.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion: 178 Resp: 831110
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.2 12.6 19.0



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

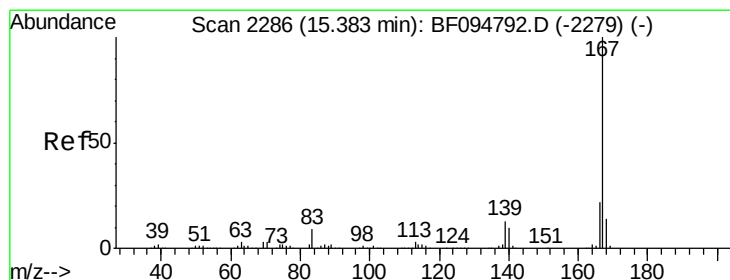
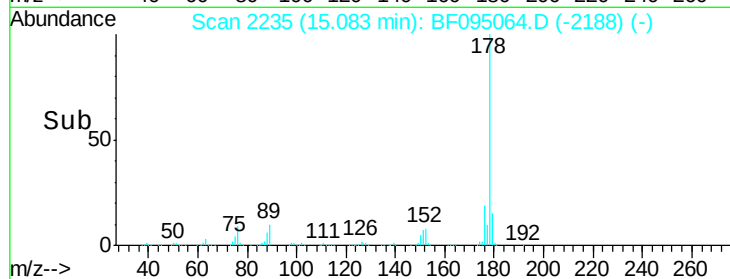
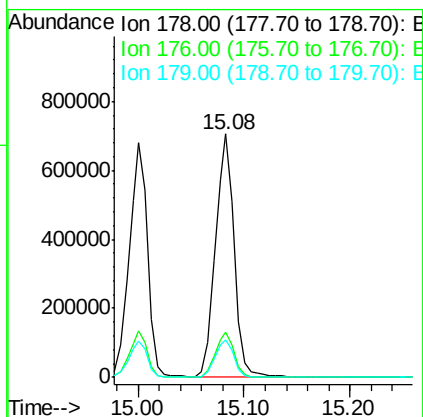
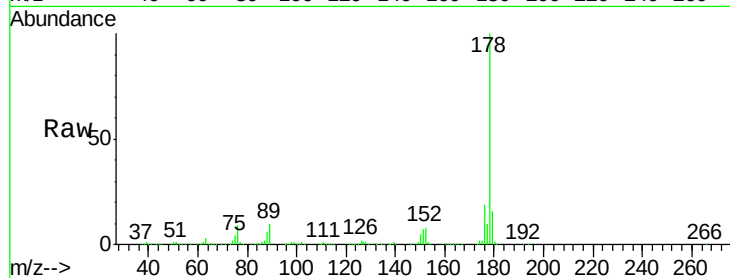




#71
 Anthracene
 Concen: 50.95 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

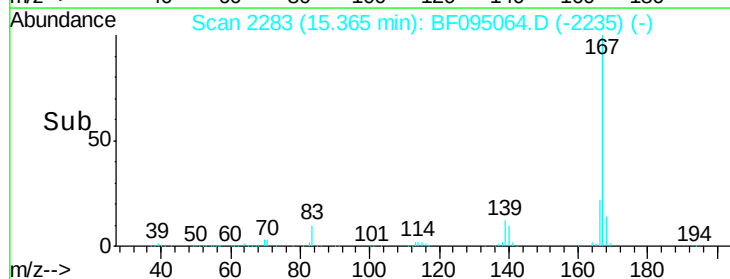
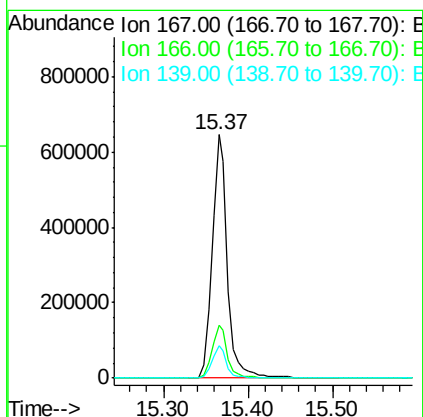
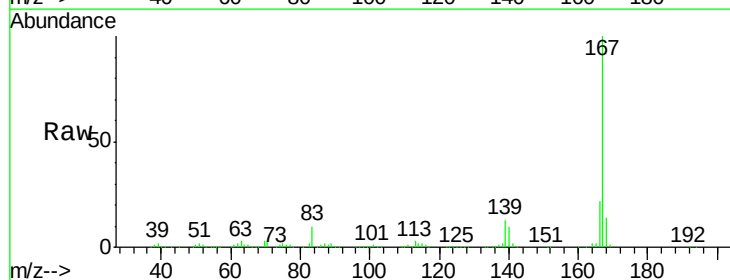
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

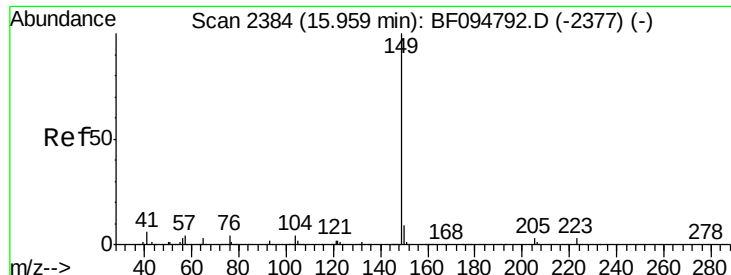
Tgt Ion:178 Resp: 882693
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 52.26 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:167 Resp: 823887
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 51.54 ng

RT: 15.93 min Scan# 2379

Delta R.T. -0.03 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

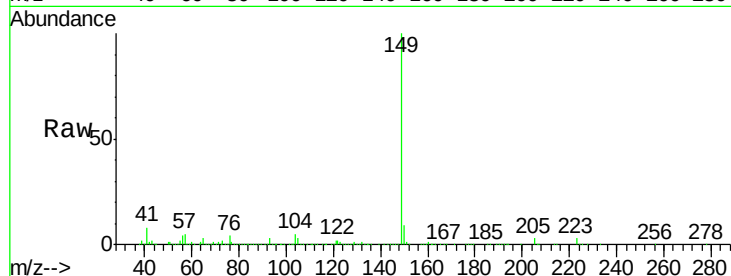
Tgt Ion:149 Resp: 1013278

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

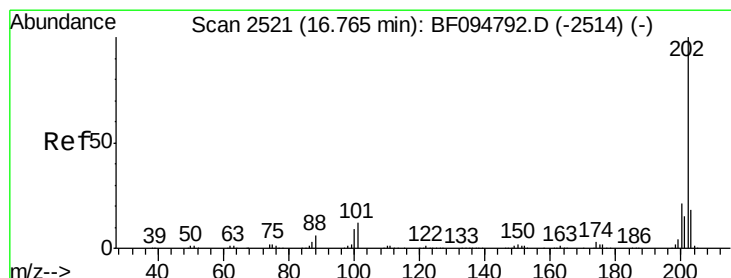
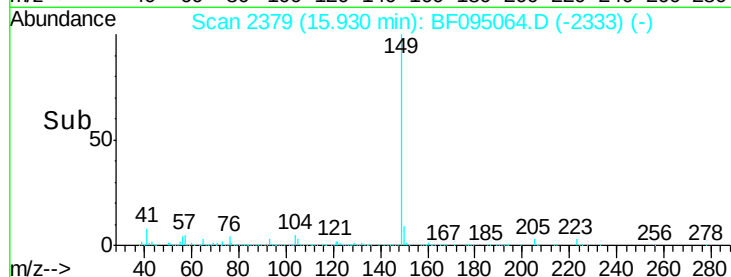
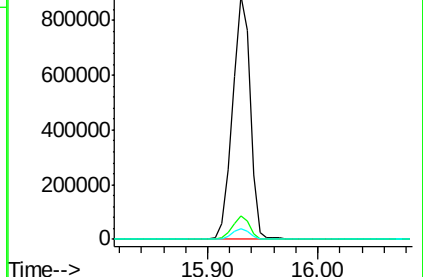
104 4.6 4.0 6.0



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: 48.52 ng

RT: 16.74 min Scan# 2517

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

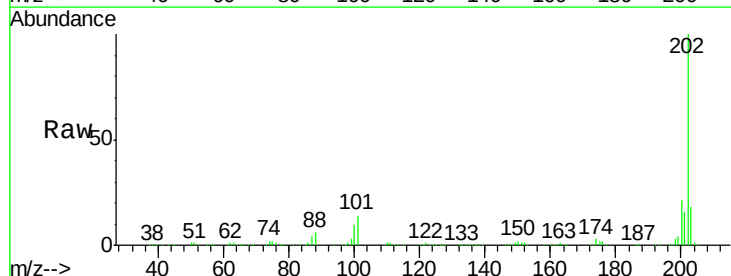
Tgt Ion:202 Resp: 844233

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

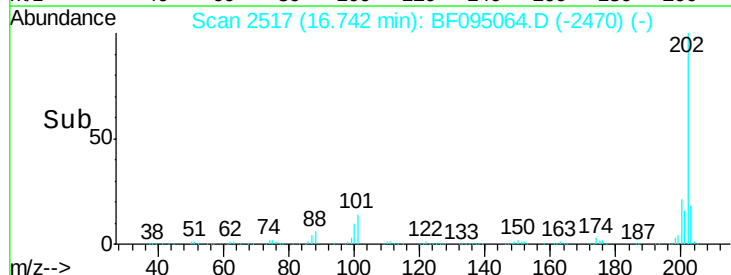
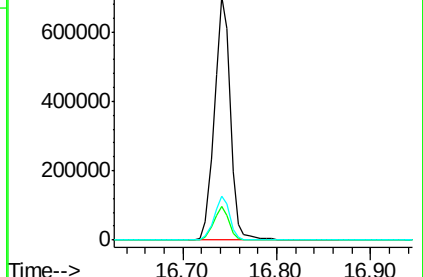
203 18.1 0.0 38.1

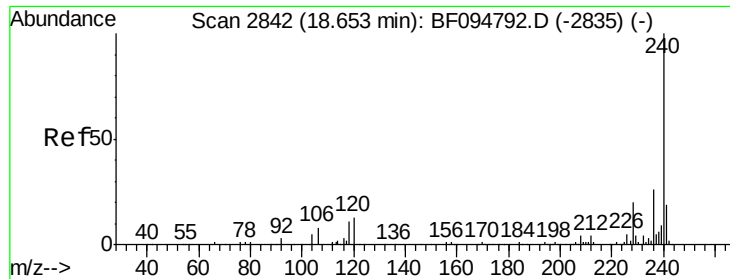


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

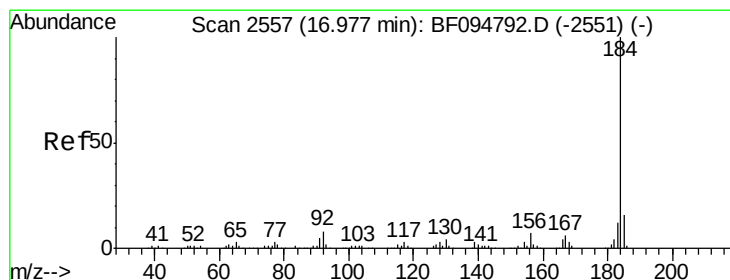
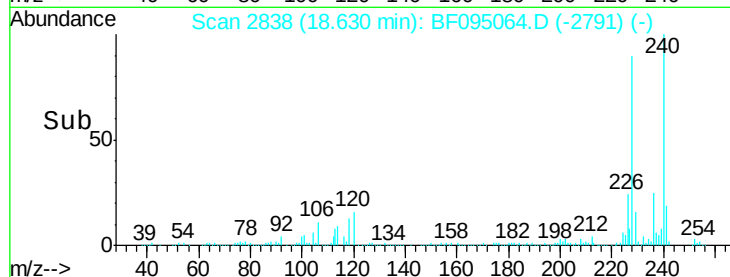
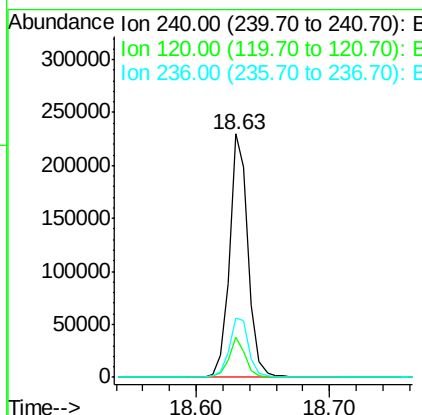
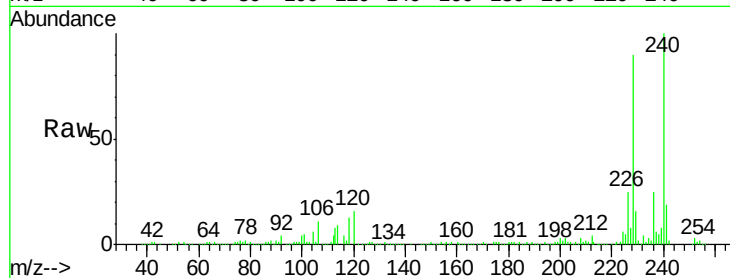




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

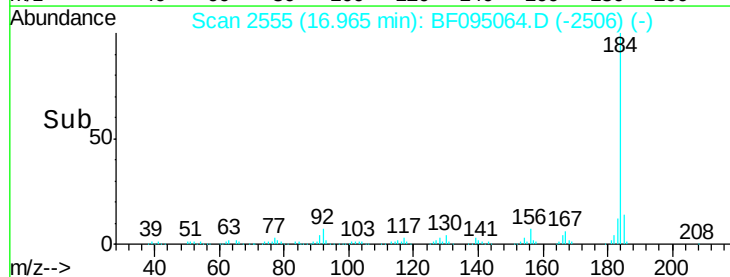
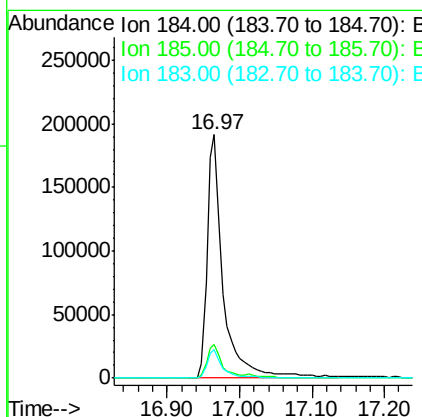
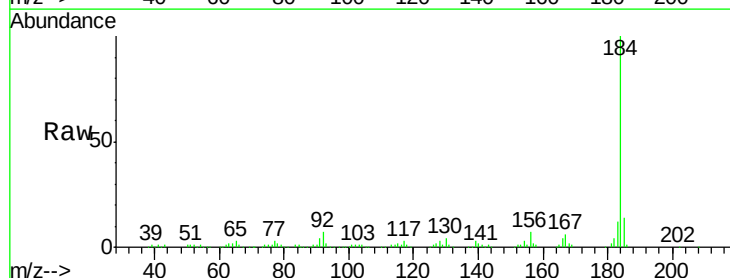
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

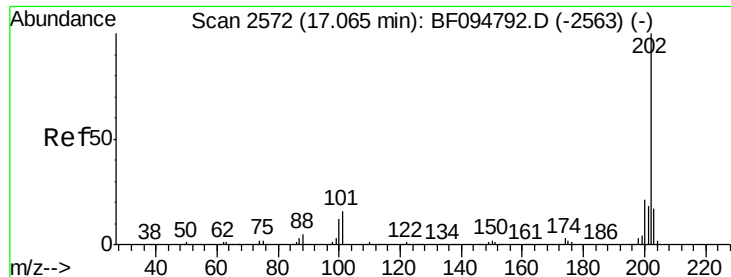
Tgt Ion: 240 Resp: 224709
 Ion Ratio Lower Upper
 240 100
 120 16.2 5.8 8.8#
 236 24.6 20.5 30.7



#76
 Benzidine
 Concen: 48.21 ng
 RT: 16.97 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion: 184 Resp: 293160
 Ion Ratio Lower Upper
 184 100
 185 13.8 15.5 23.3#
 183 11.6 9.8 14.6





#77

Pyrene

Concen: 55.00 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

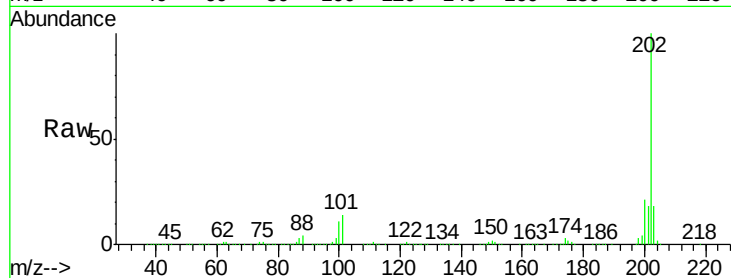
Tgt Ion:202 Resp: 924341

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

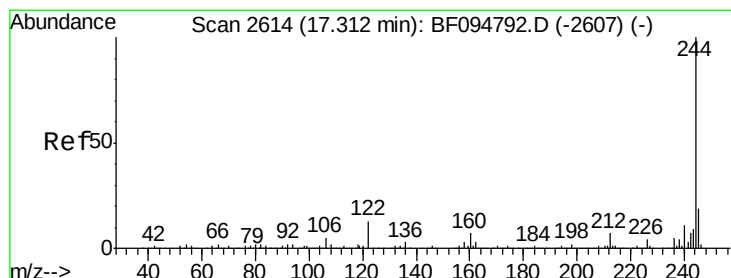
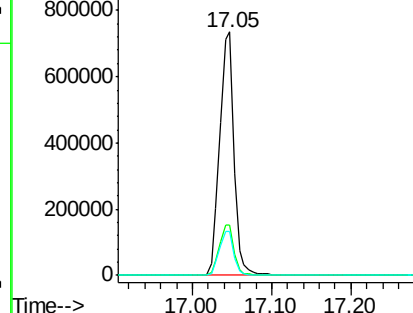
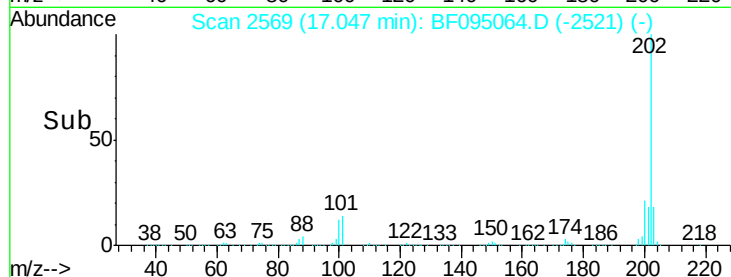
203 17.8 14.4 21.6



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: 101.22 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

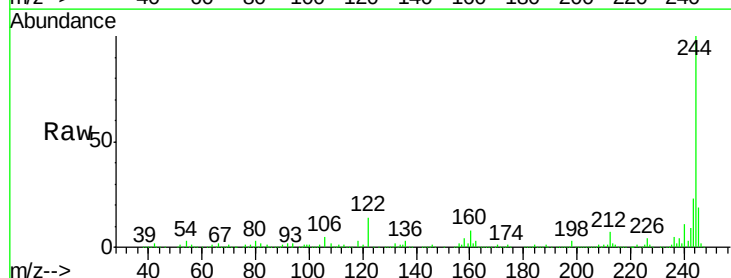
Tgt Ion:244 Resp: 1032707

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

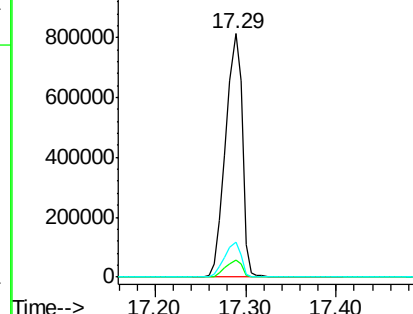
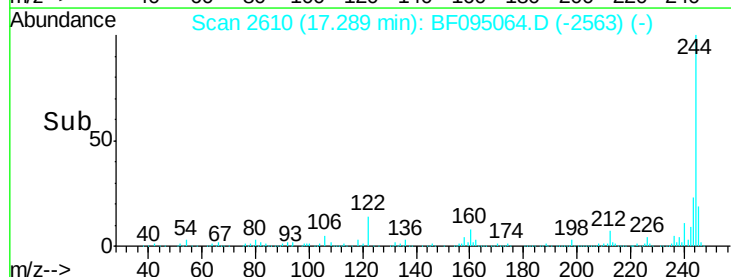
122 14.4 10.3 15.5

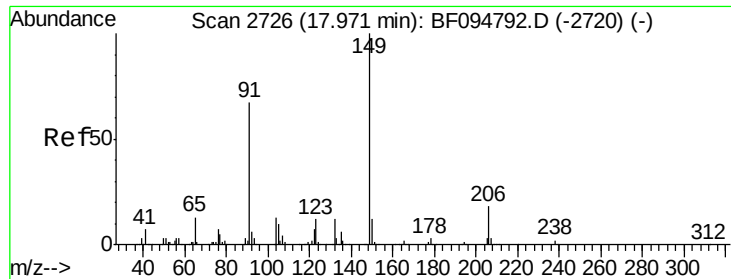


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

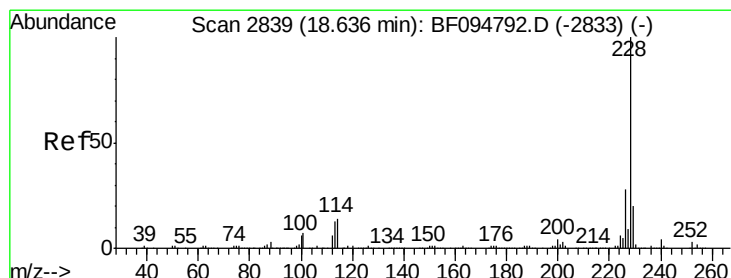
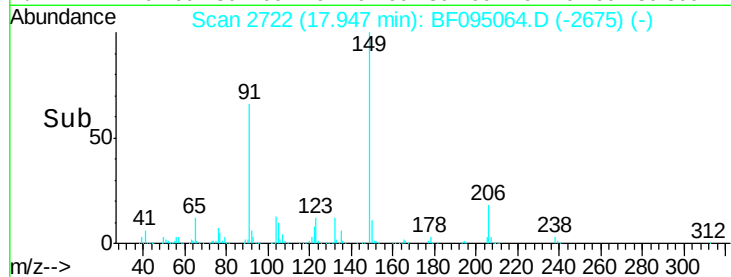
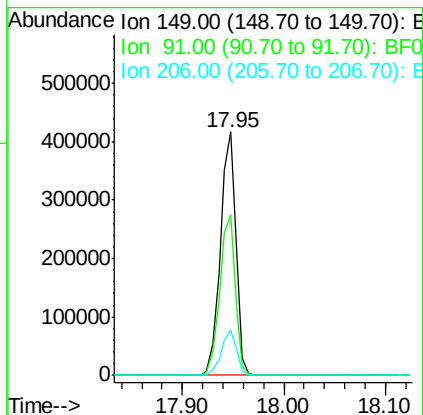
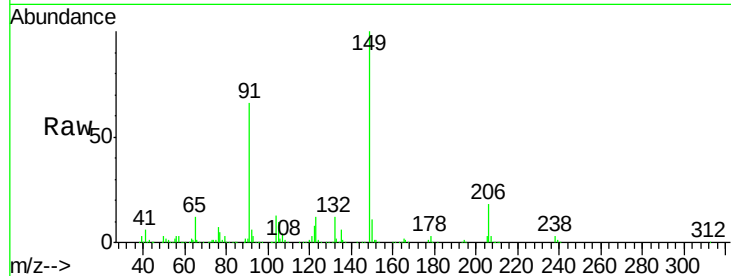




#79
Butylbenzylphthalate
Concen: 56.38 ng
RT: 17.95 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

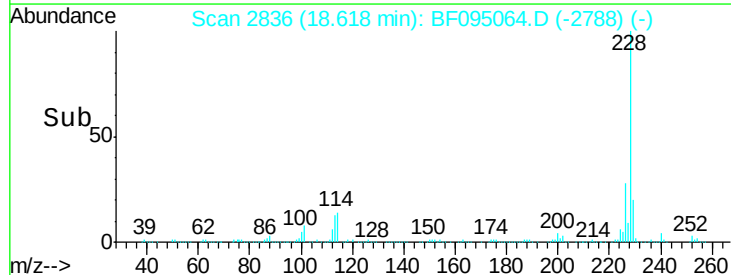
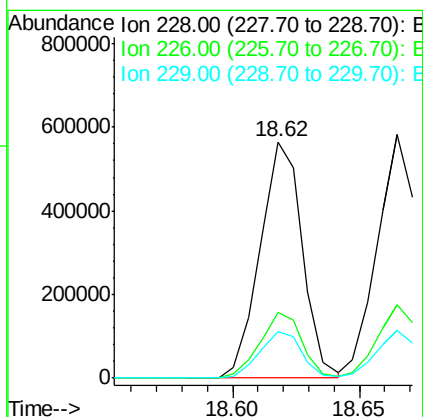
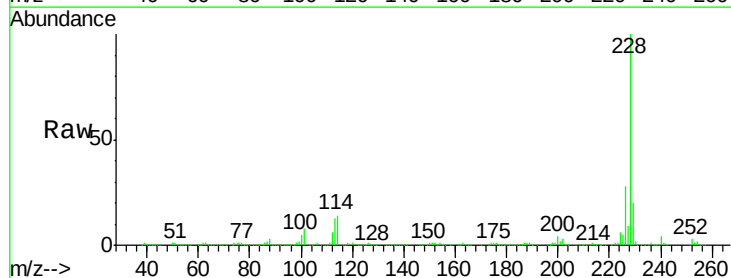
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

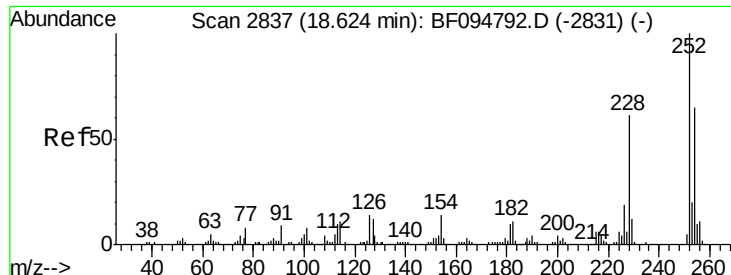
Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	45.0	67.4
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 50.34 ng
RT: 18.62 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	16.3	24.5

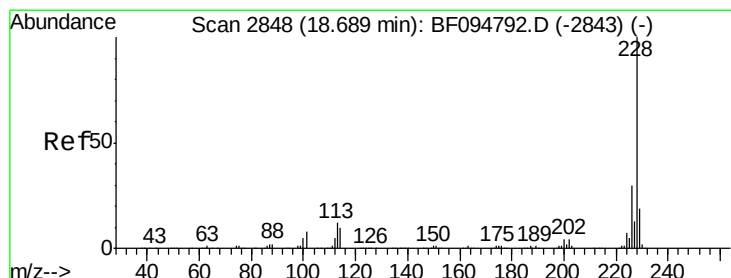
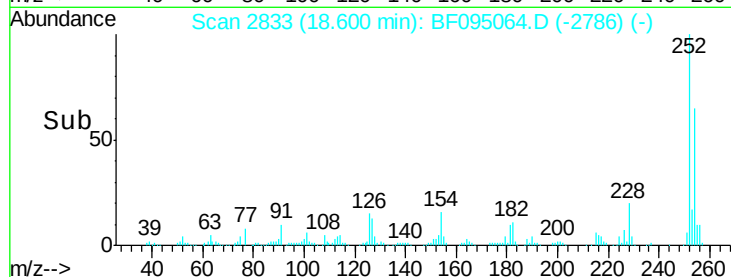
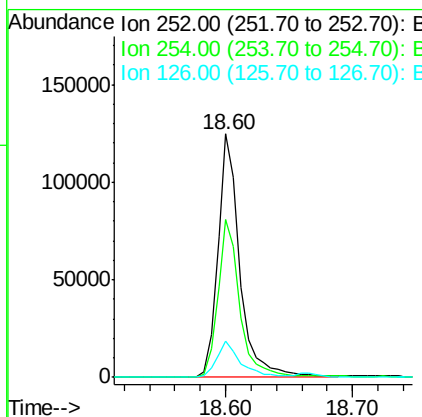
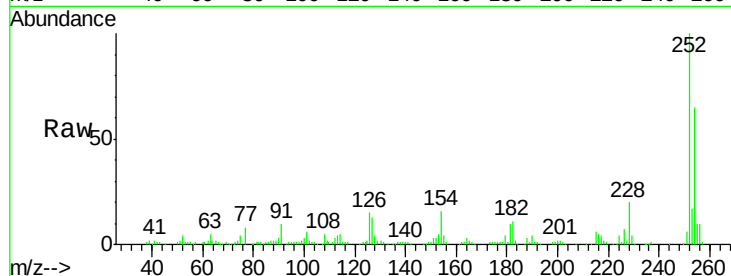




#81
 3,3'-Dichlorobenzidine
 Concen: 33.50 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

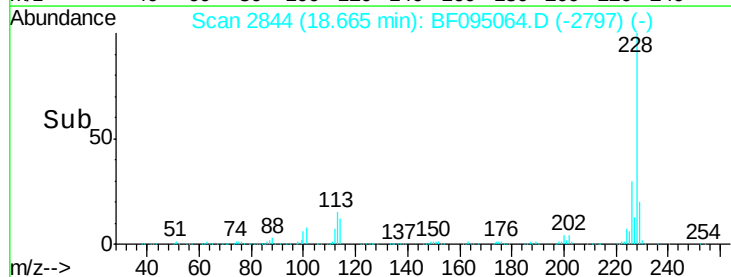
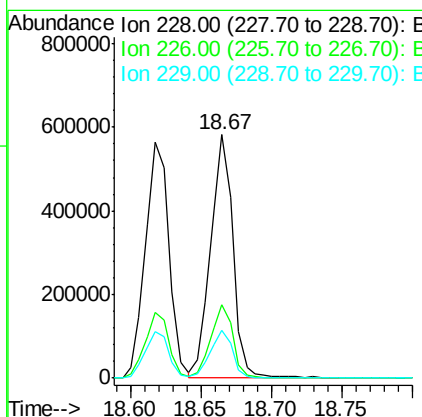
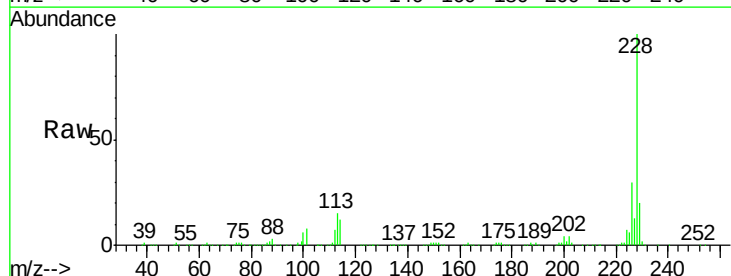
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

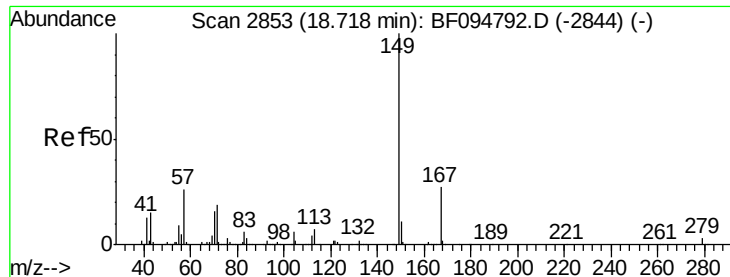
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	14.9	15.8	23.8#



#82
 Chrysene
 Concen: 50.36 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.8	15.8	23.6

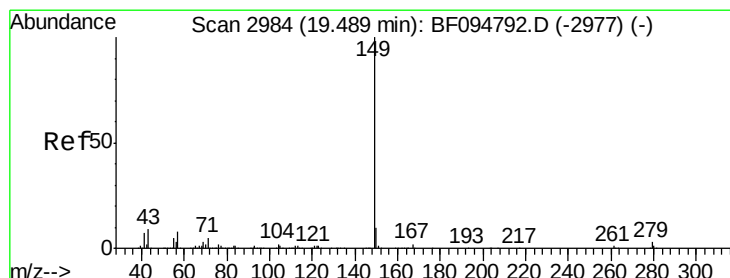
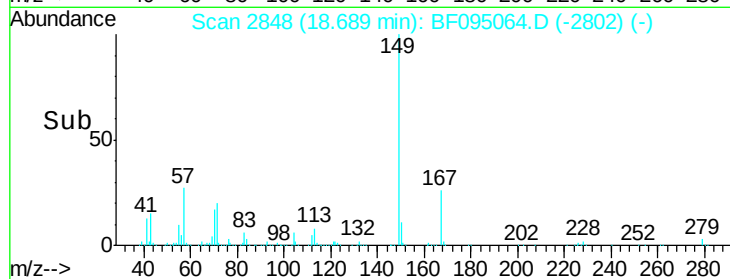
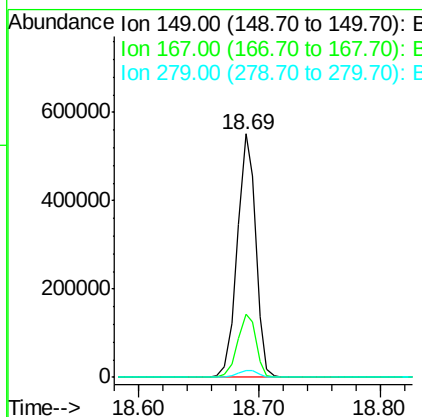
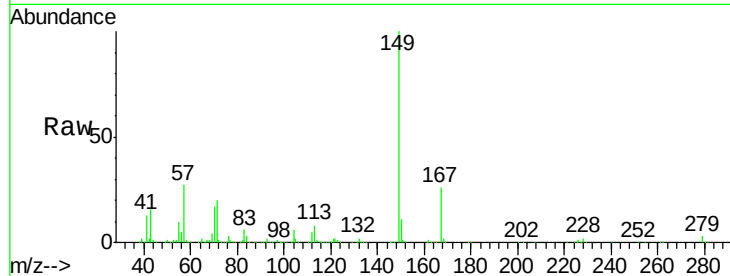




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.31 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.03 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

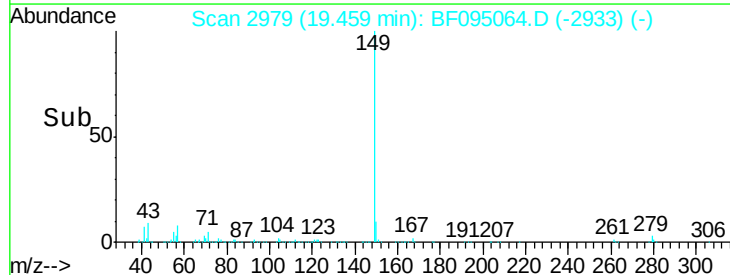
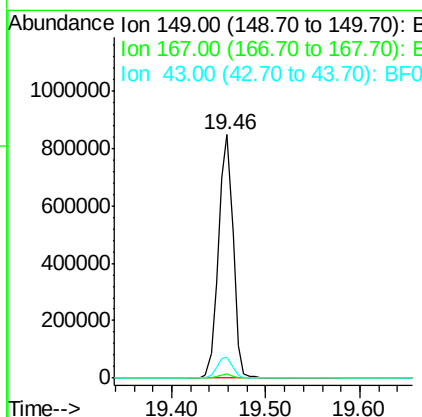
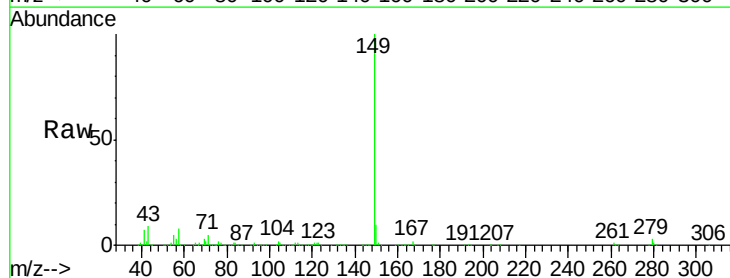
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

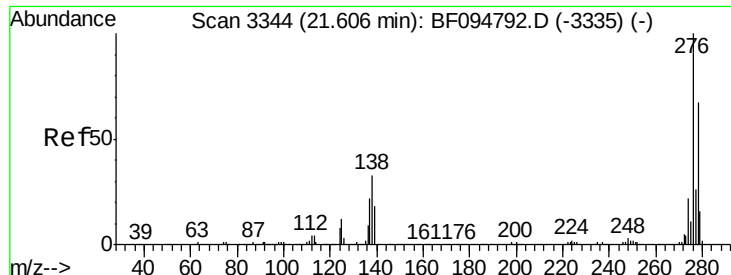
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	3.0	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 50.79 ng
 RT: 19.46 min Scan# 2979
 Delta R.T. -0.03 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	8.5	12.7

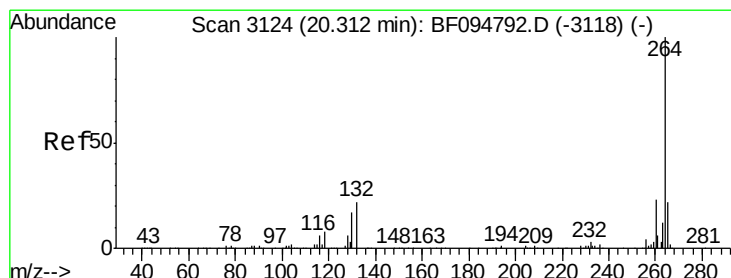
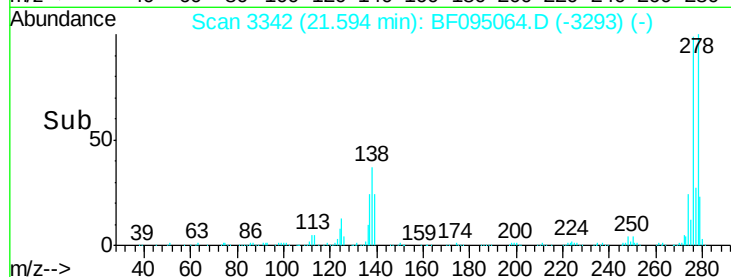
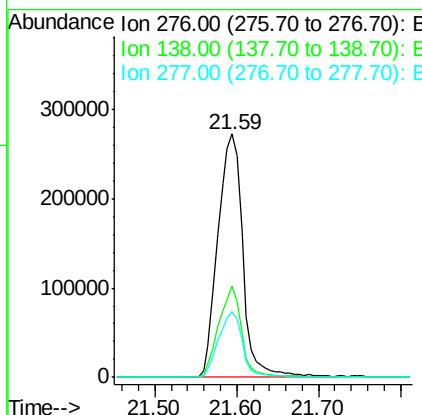
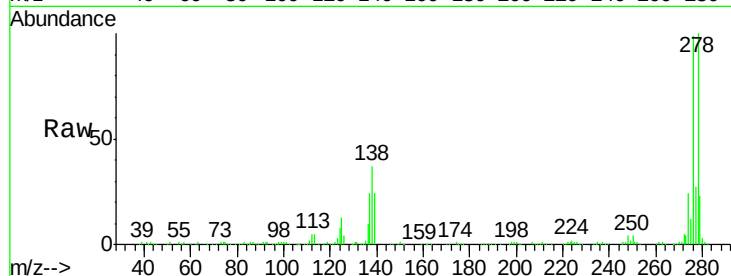




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.63 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

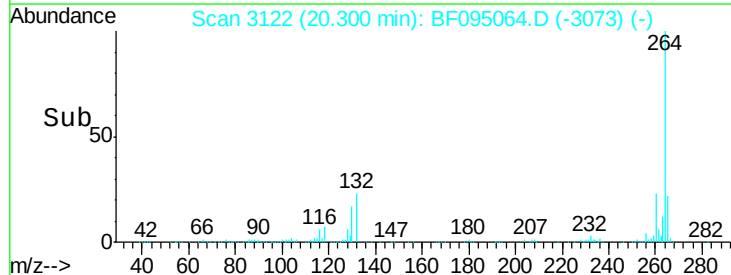
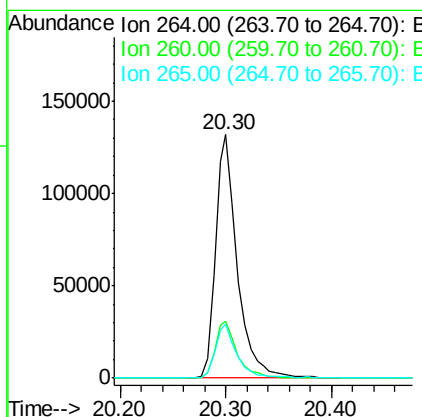
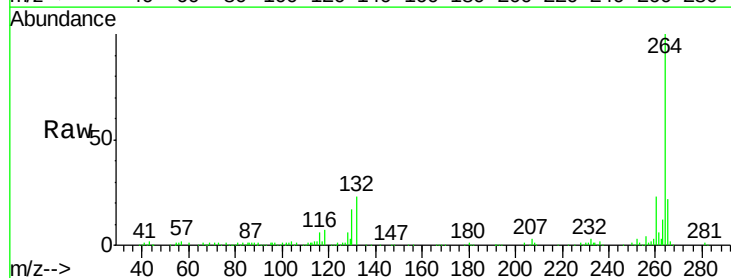
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

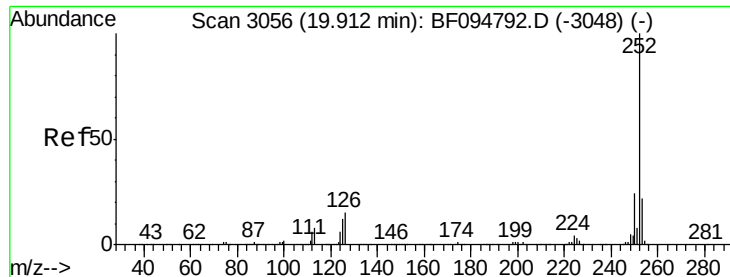
Tgt Ion: 276 Resp: 581523
 Ion Ratio Lower Upper
 276 100
 138 34.7 27.8 41.6
 277 25.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion: 264 Resp: 189883
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 22.0 17.2 25.8

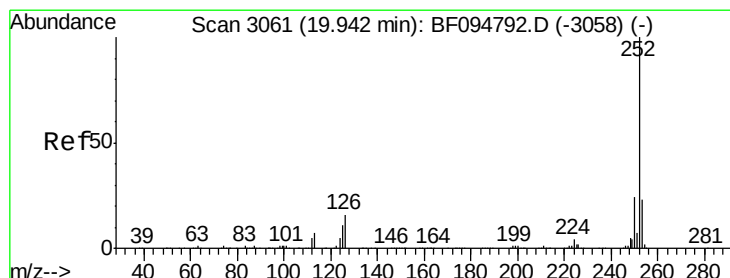
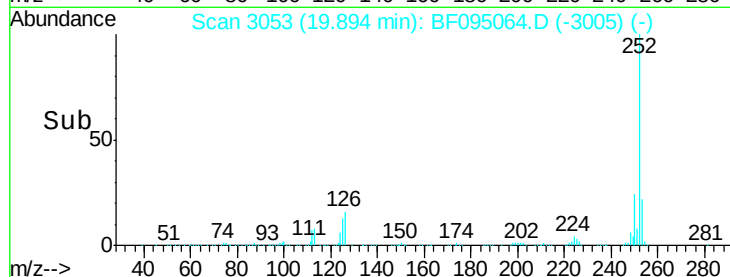
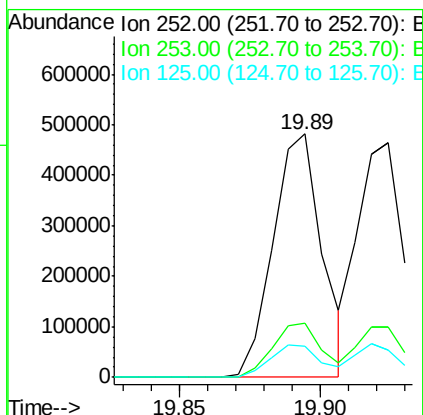
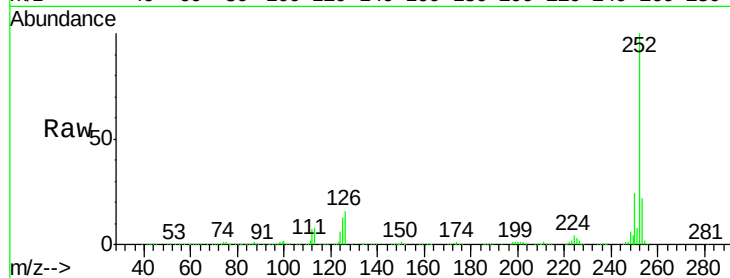




#87
Benzo(b)fluoranthene
Concen: 49.53 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

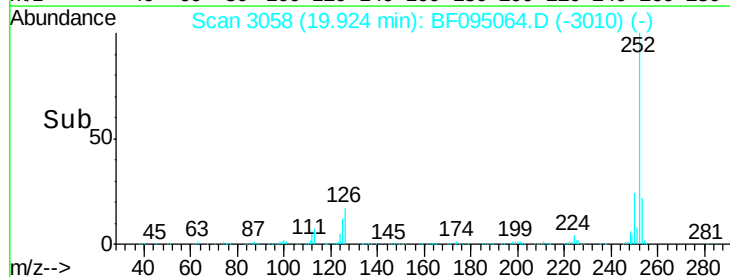
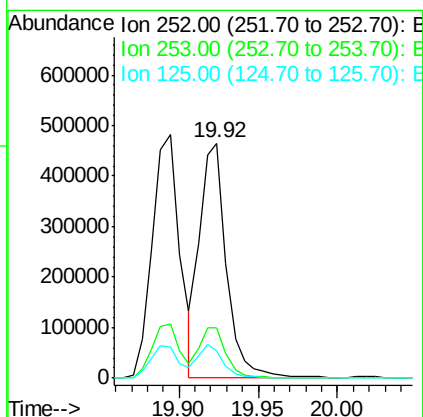
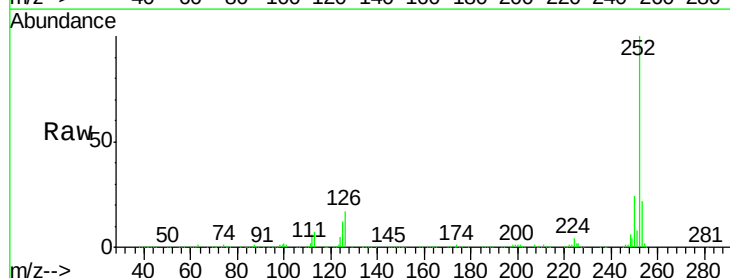
Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

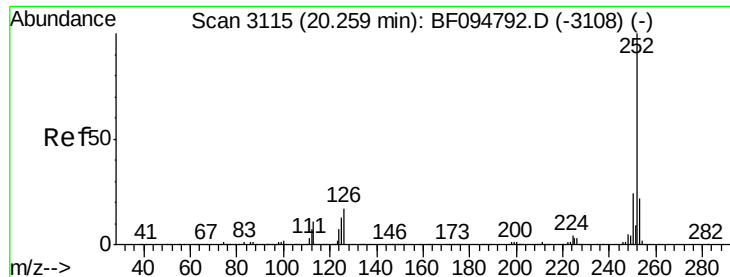
Tgt Ion:252 Resp: 581147
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 12.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 48.36 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion:252 Resp: 547387
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 11.6 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 49.59 ng

RT: 20.24 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

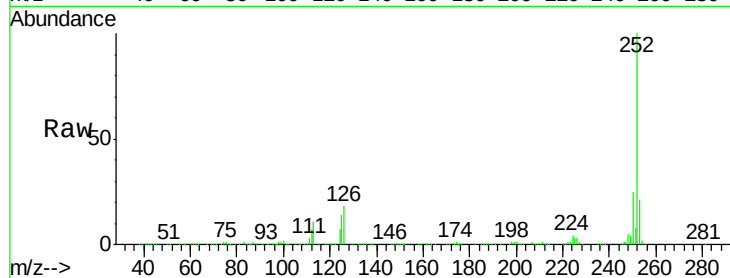
Tgt Ion:252 Resp: 536926

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

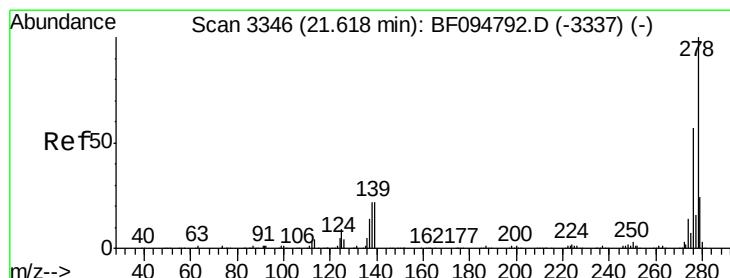
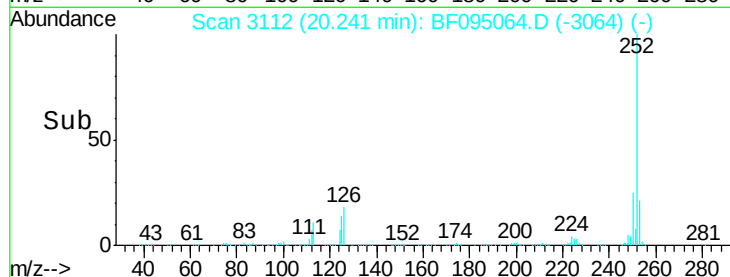
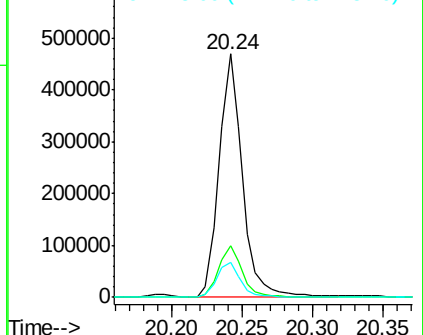
125 14.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.50 ng

RT: 21.60 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

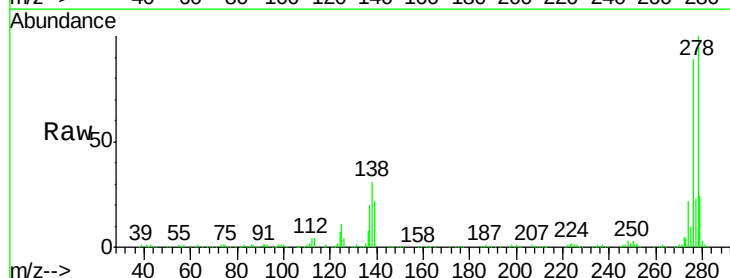
Tgt Ion:278 Resp: 478371

Ion Ratio Lower Upper

278 100

139 21.6 16.6 24.8

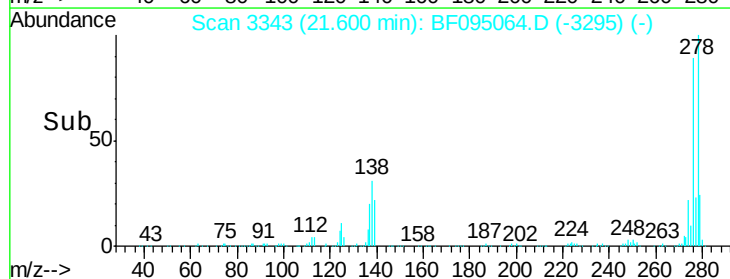
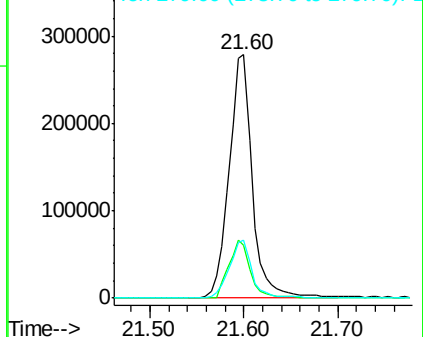
279 23.6 19.3 28.9

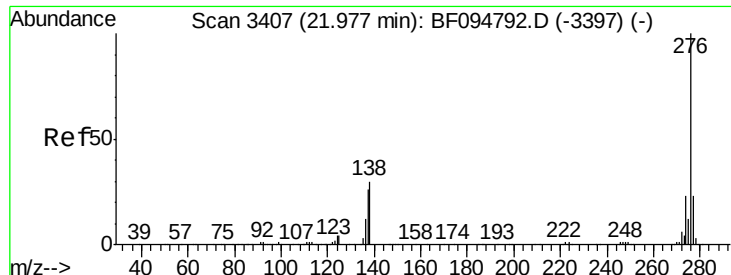


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 58.55 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF095064.D

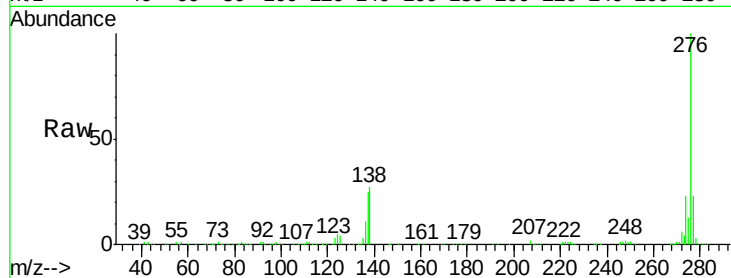
Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD



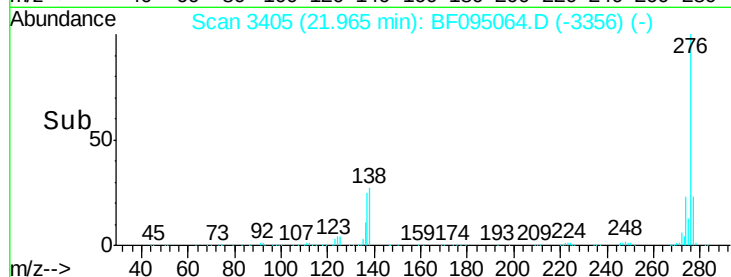
Tgt Ion: 276 Resp: 513735

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 27.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

