

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094766.D
 Acq On : 1 May 2017 23:36
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 02 04:23:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	108522	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	418484	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	176217	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	266678	20.00	ng	0.00
75) Chrysene-d12	14.47	240	206420	20.00	ng	0.00
86) Perylene-d12	16.09	264	176266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	522569	79.89	ng	0.02
7) Phenol-d6	5.40	99	586808	76.10	ng	0.00
23) Nitrobenzene-d5	6.41	82	541717	79.93	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	106593	77.33	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1006287	84.02	ng	0.00
78) Terphenyl-d14	13.19	244	687312	89.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	153650	40.39	ng	93
3) Pyridine	2.62	79	283754	34.13	ng	98
4) n-Nitrosodimethylamine	2.58	42	124483	36.18	ng	84
6) Aniline	5.40	93	331261	32.32	ng	92
8) 2-Chlorophenol	5.54	128	300541	40.38	ng	95
9) Benzaldehyde	5.27	77	251457	42.87	ng	98
10) Phenol	5.41	94	353950	37.36	ng	96
11) bis(2-Chloroethyl)ether	5.47	93	269774	38.98	ng	98
12) 1,3-Dichlorobenzene	5.70	146	337622	40.94	ng	98
13) 1,4-Dichlorobenzene	5.78	146	340839	41.08	ng	94
14) 1,2-Dichlorobenzene	5.95	146	301755	39.48	ng	96
15) Benzyl Alcohol	5.94	79	220823	38.60	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	354898	39.11	ng	# 17
17) 2-Methylphenol	6.09	107	234573	40.01	ng	# 91
18) Hexachloroethane	6.34	117	107701	37.87	ng	90
19) n-Nitroso-di-n-propylamine	6.25	70	199814	39.11	ng	95
20) 3+4-Methylphenols	6.27	107	309232	38.82	ng	# 61
22) Acetophenone	6.24	105	404374	39.74	ng	# 86
24) Nitrobenzene	6.44	77	274940	38.52	ng	95
25) Isophorone	6.72	82	492765	39.22	ng	96
26) 2-Nitrophenol	6.81	139	155900	40.66	ng	95
27) 2,4-Dimethylphenol	6.89	122	244207	39.21	ng	96
28) bis(2-Chloroethoxy)methane	6.98	93	327204	40.26	ng	100
29) 2,4-Dichlorophenol	7.11	162	243263	41.99	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	245795	41.03	ng	99
31) Naphthalene	7.28	128	796497	39.59	ng	99
32) Benzoic acid	7.08	122	128792	39.11	ng	96
33) 4-Chloroaniline	7.36	127	292349	34.93	ng	95
34) Hexachlorobutadiene	7.44	225	124524	41.70	ng	99
35) Caprolactam	7.81	113	66875m	36.74	ng	
36) 4-Chloro-3-methylphenol	7.99	107	229630	37.82	ng	92
37) 2-Methylnaphthalene	8.12	142	539126	39.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	212943	42.44	ng	99
40) Hexachlorocyclopentadiene	8.31	237	25463	12.54	ng	98

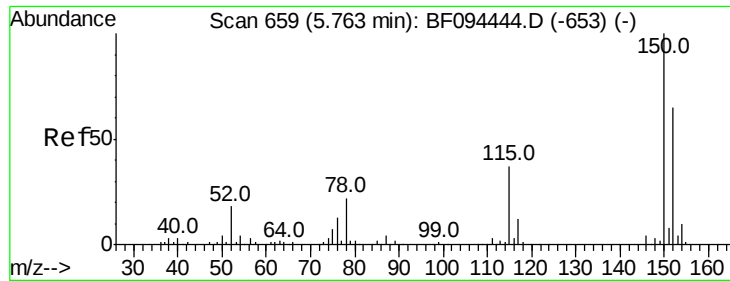
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	148977	42.28	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	151605	41.89	nq	# 93
45) 1,1'-Biphenyl	8.70	154	623621	43.31	nq	99
46) 2-Chloronaphthalene	8.71	162	476724	41.64	nq	94
47) 2-Nitroaniline	8.86	65	132906	40.36	nq	86
48) Acenaphthylene	9.22	152	746502	41.83	nq	99
49) Dimethylphthalate	9.09	163	572631	43.60	nq	99
50) 2,6-Dinitrotoluene	9.17	165	122418	41.53	nq	97
51) Acenaphthene	9.43	154	411424	38.49	nq	99
52) 3-Nitroaniline	9.37	138	129520	37.98	nq	90
53) 2,4-Dinitrophenol	9.52	184	18411	16.44	nq	# 77
54) Dibenzofuran	9.65	168	635746	40.92	nq	96
55) 4-Nitrophenol	9.63	139	16539m	6.86	nq	
56) 2,4-Dinitrotoluene	9.67	165	150916	41.73	nq	# 97
57) Fluorene	10.07	166	482713	39.90	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	105830	40.80	nq	# 96
59) Diethylphthalate	9.95	149	520892	42.04	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	217909	43.28	nq	94
61) 4-Nitroaniline	10.12	138	108571	31.32	nq	97
62) Azobenzene	10.27	77	478691	39.79	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	43123	24.68	nq	# 74
65) n-Nitrosodiphenylamine	10.22	169	433654	46.76	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	125698	47.47	nq	99
67) Hexachlorobenzene	10.74	284	120349	45.10	nq	# 85
68) Atrazine	10.90	200	127150	45.83	nq	96
69) Pentachlorophenol	11.00	266	51958	49.03	nq	98
70) Phenanthrene	11.24	178	623463	41.52	nq	99
71) Anthracene	11.31	178	653332	42.06	nq	99
72) Carbazole	11.52	167	566937	38.88	nq	97
73) Di-n-butylphthalate	11.97	149	764609	47.63	nq	99
74) Fluoranthene	12.71	202	601769	38.66	nq	99
76) Benzidine	12.88	184	74229	8.88	nq	# 93
77) Pyrene	12.98	202	601500	41.71	nq	98
79) Butylbenzylphthalate	13.80	149	286370	45.31	nq	88
80) Benzo(a)anthracene	14.45	228	500418	41.71	nq	98
81) 3,3'-Dichlorobenzidine	14.43	252	166592	39.22	nq	# 96
82) Chrysene	14.50	228	457561	41.73	nq	97
83) Bis(2-ethylhexyl)phthalate	14.52	149	417320	49.18	nq	# 99
84) Di-n-octyl phthalate	15.27	149	711666	50.00	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	387847	37.18	nq	99
87) Benzo(b)fluoranthene	15.69	252	430787	39.95	nq	99
88) Benzo(k)fluoranthene	15.72	252	437471	42.87	nq	# 94
89) Benzo(a)pyrene	16.04	252	409354	40.81	nq	98
90) Dibenzo(a,h)anthracene	17.39	278	326643	39.21	nq	98
91) Benzo(g,h,i)perylene	17.75	276	323636	38.16	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

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SSTDCCC040

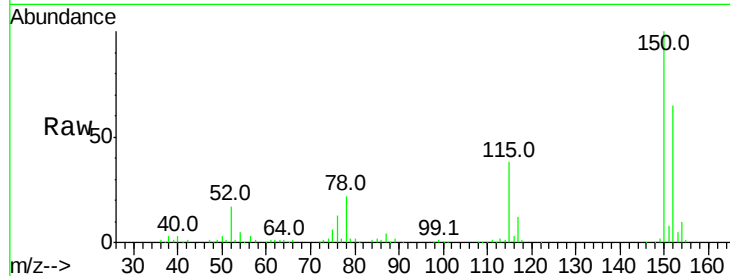
Tot Ion:152 Resp: 108522

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

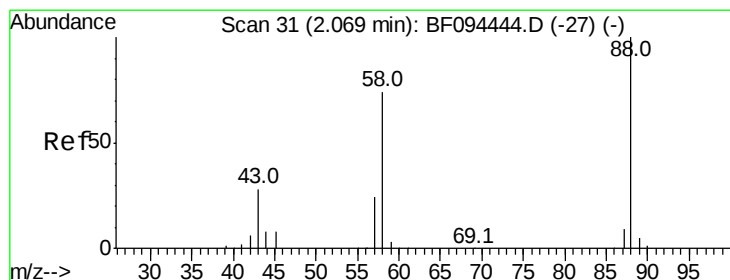
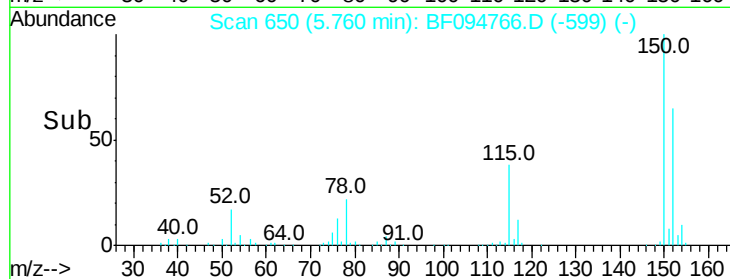
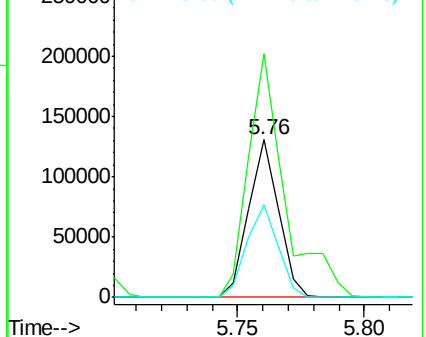
115 58.9 52.2 78.2



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: 40.39 ng

RT: 2.10 min Scan# 27

Delta R.T. 0.03 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

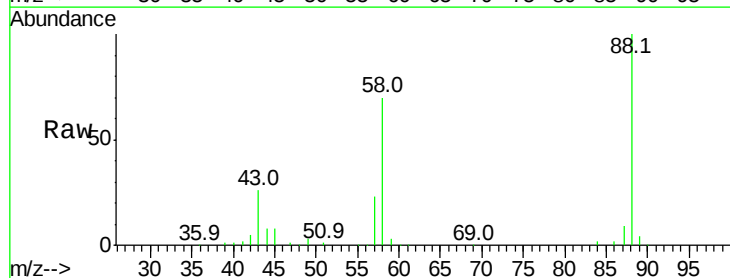
Tgt Ion: 88 Resp: 153650

Ion Ratio Lower Upper

88 100

58 70.6 61.4 92.0

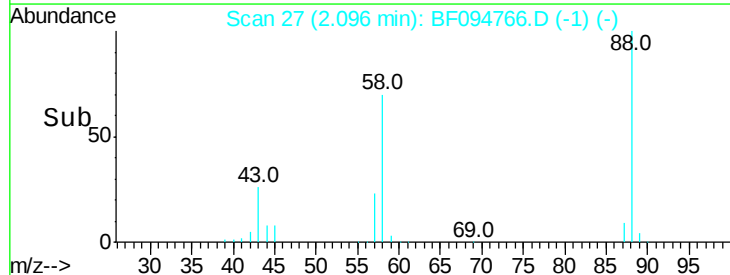
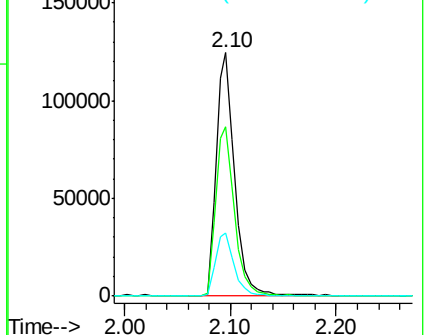
43 26.5 23.4 35.0

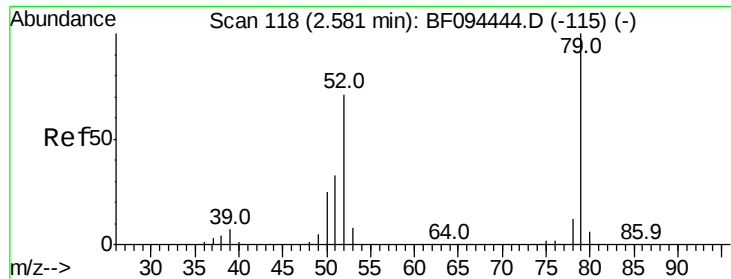


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

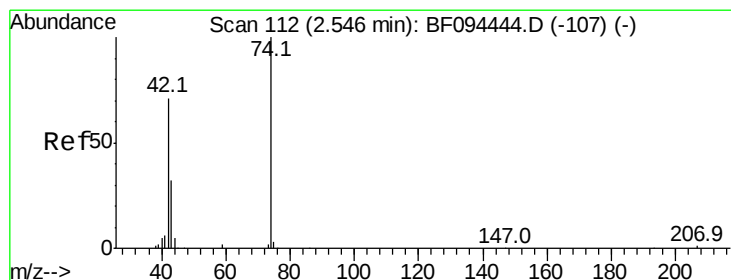
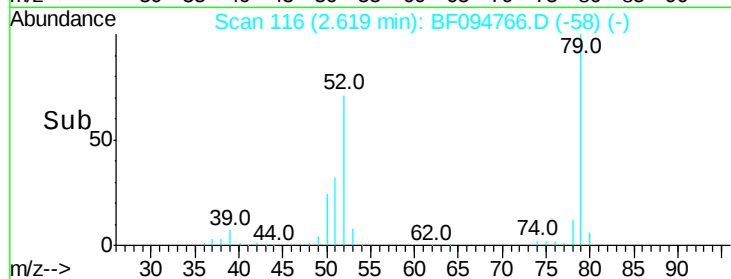
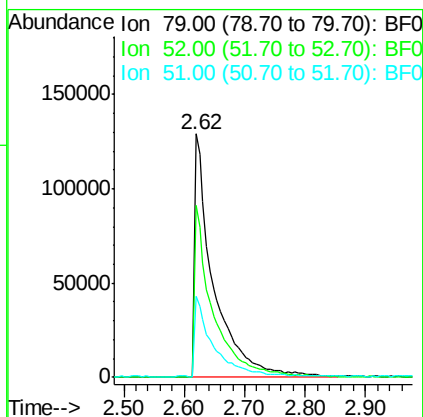
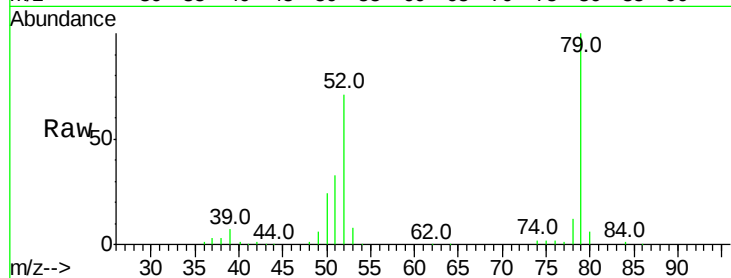




#3
 Pvridine
 Concen: 34.13 ng
 RT: 2.62 min Scan# 116
 Delta R.T. 0.04 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

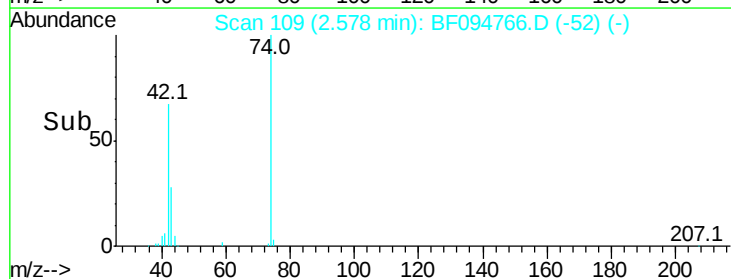
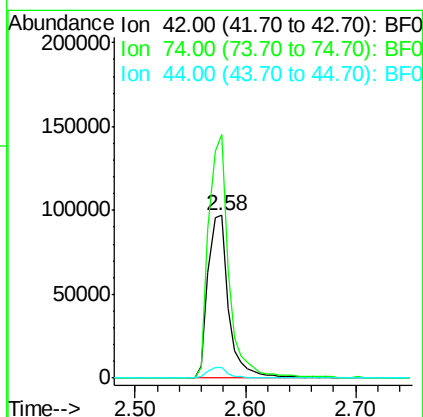
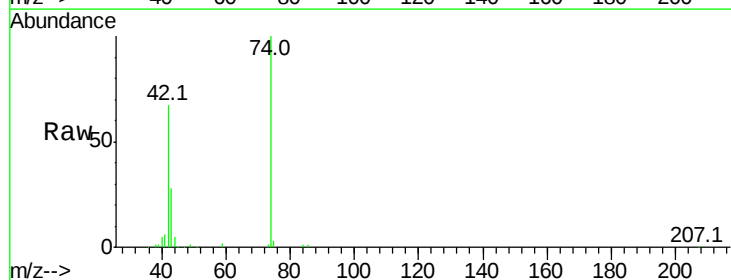
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 283754
 Ion Ratio Lower Upper
 79 100
 52 70.9 54.8 82.2
 51 33.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 36.18 ng
 RT: 2.58 min Scan# 109
 Delta R.T. 0.03 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion: 42 Resp: 124483
 Ion Ratio Lower Upper
 42 100
 74 149.7 103.9 155.9
 44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 79.89 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.02 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

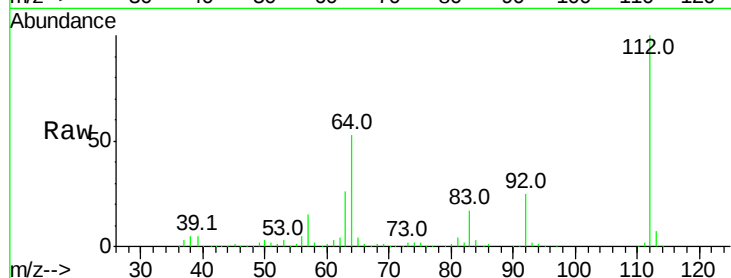
Tot Ion:112 Resp: 522569

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

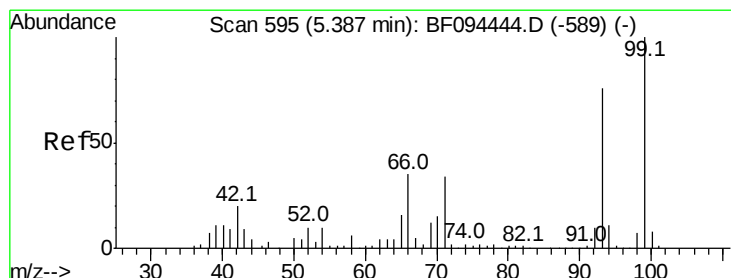
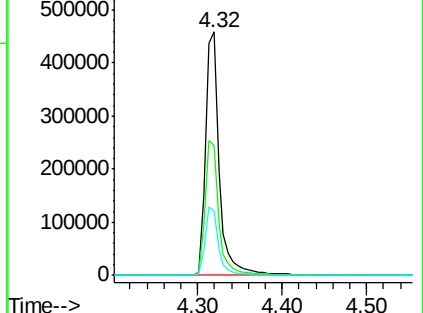
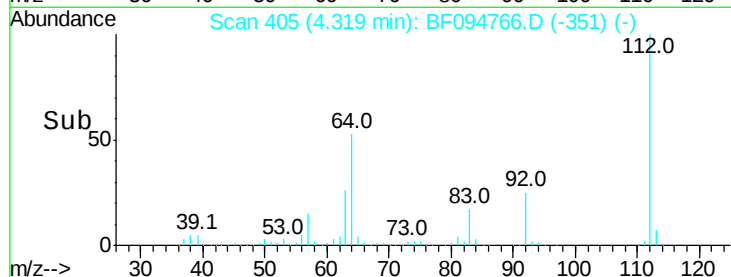
63 26.2 23.4 35.0



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: 32.32 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

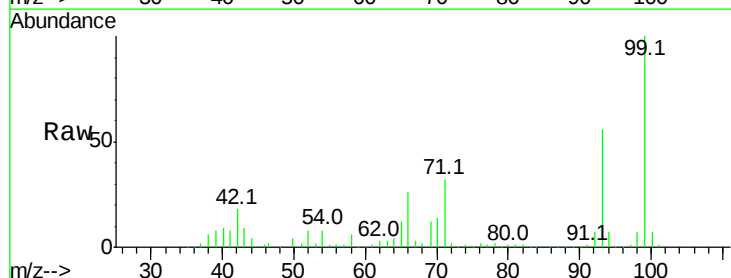
Tgt Ion: 93 Resp: 331261

Ion Ratio Lower Upper

93 100

66 47.0 32.9 49.3

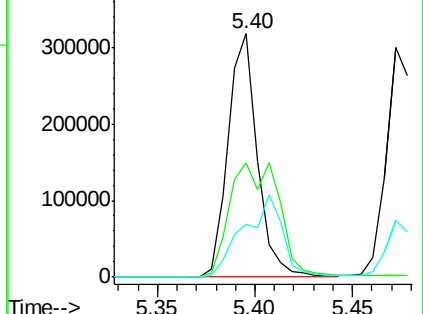
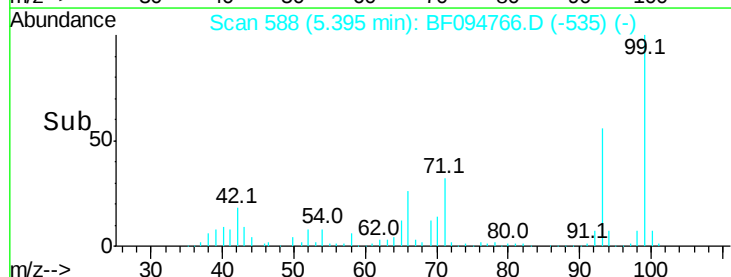
65 21.8 16.0 24.0

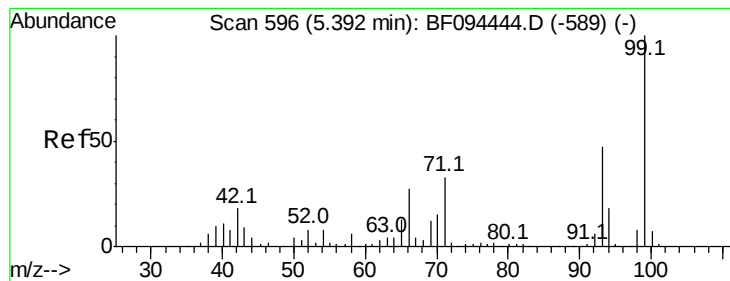


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.10 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

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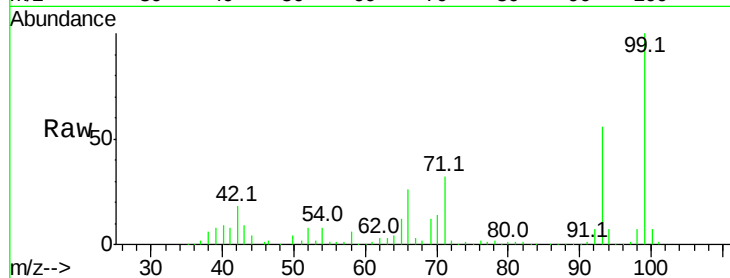
Tot Ion: 99 Resp: 586808

Ion Ratio Lower Upper

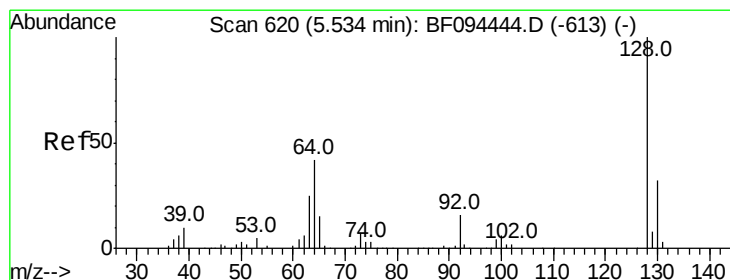
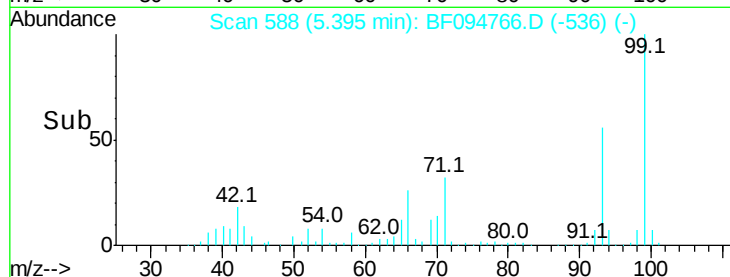
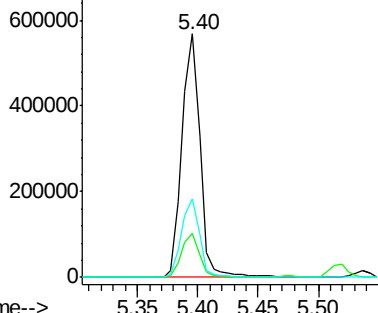
99 100

42 17.8 13.5 20.3

71 32.0 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: 40.38 ng

RT: 5.54 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

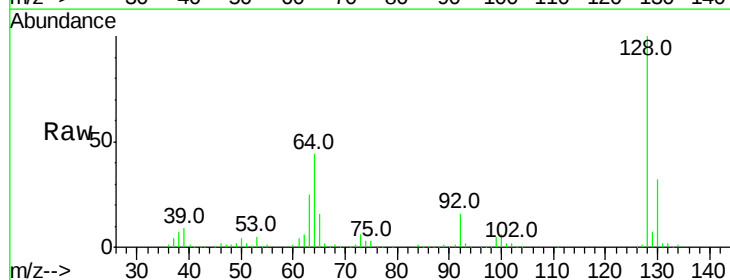
Tgt Ion: 128 Resp: 300541

Ion Ratio Lower Upper

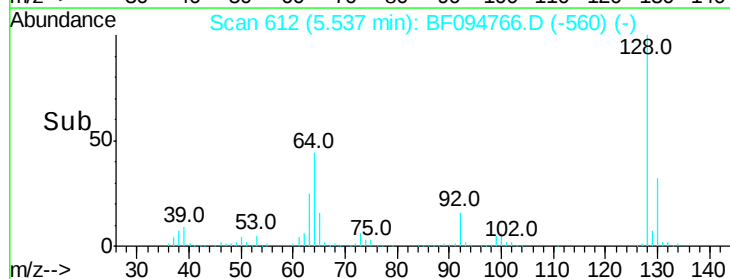
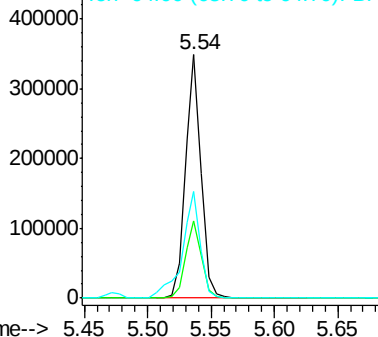
128 100

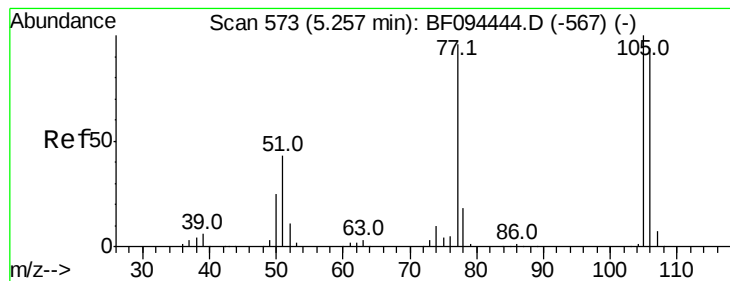
130 31.9 12.9 52.9

64 43.8 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: 42.87 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

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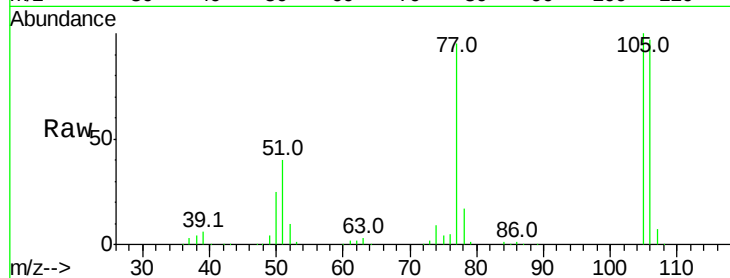
Tot Ion: 77 Resp: 251457

Ion Ratio Lower Upper

77 100

105 105.7 83.8 123.8

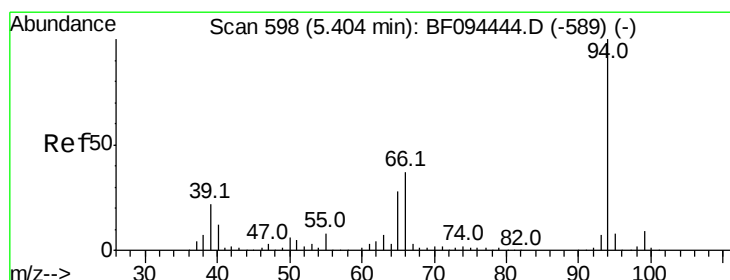
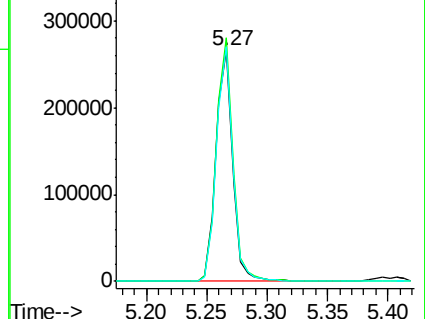
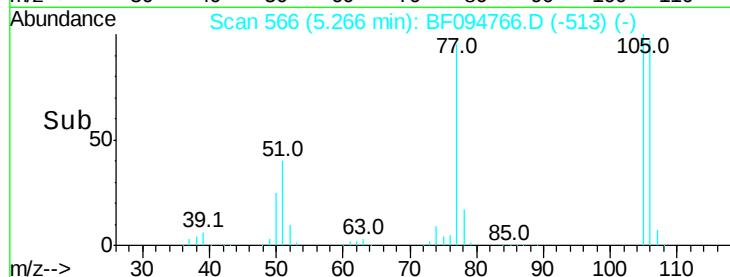
106 102.1 79.1 119.1



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: 37.36 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

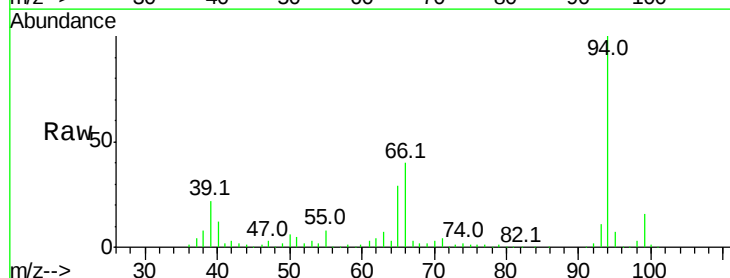
Tgt Ion: 94 Resp: 353950

Ion Ratio Lower Upper

94 100

65 28.6 9.9 49.9

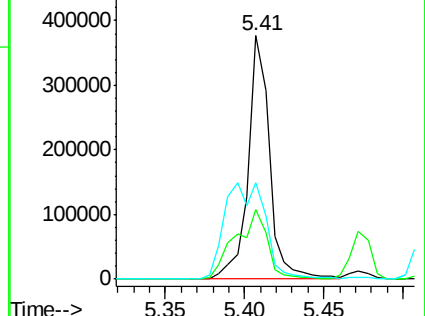
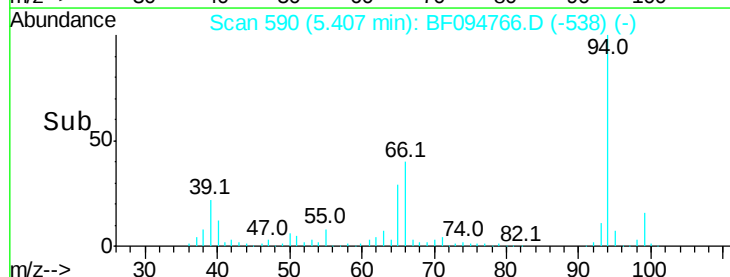
66 39.7 23.1 63.1

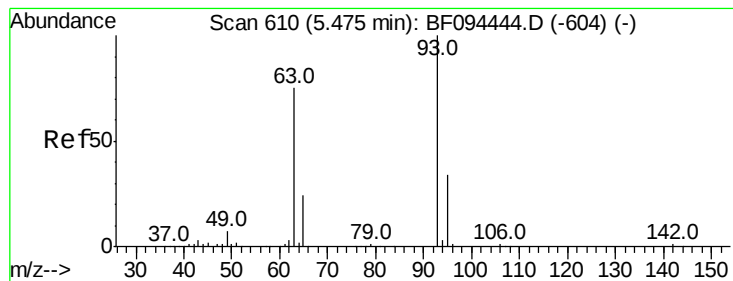


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.98 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

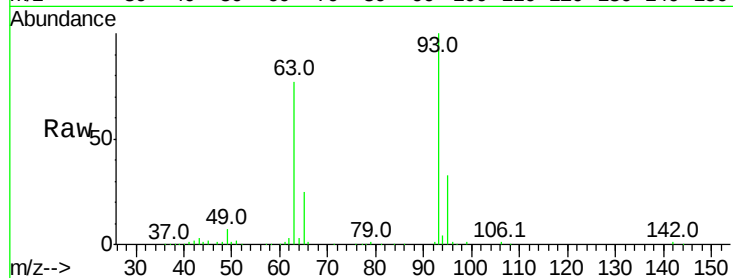
Tot Ion: 93 Resp: 269774

Ion Ratio Lower Upper

93 100

63 76.7 59.2 99.2

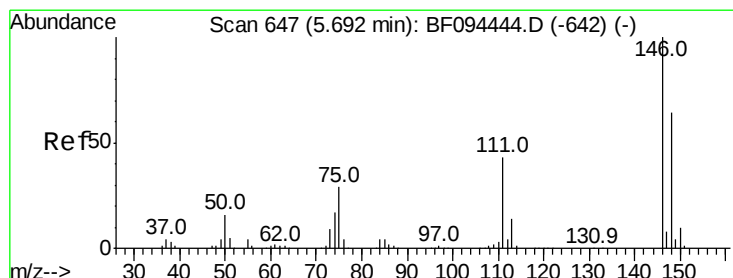
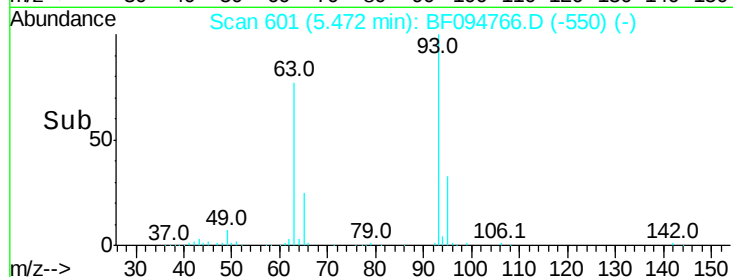
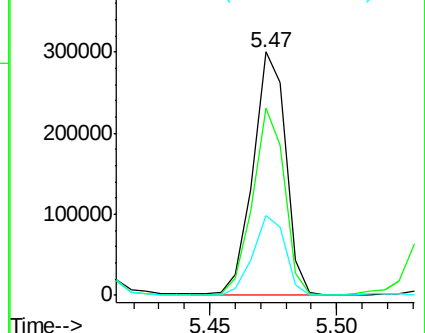
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.94 ng

RT: 5.70 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

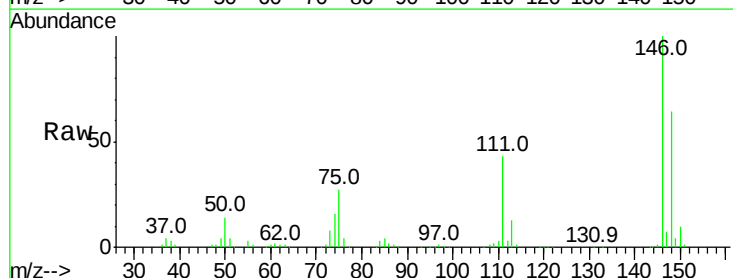
Tgt Ion: 146 Resp: 337622

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

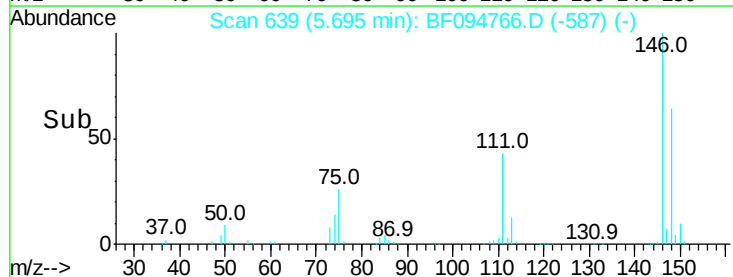
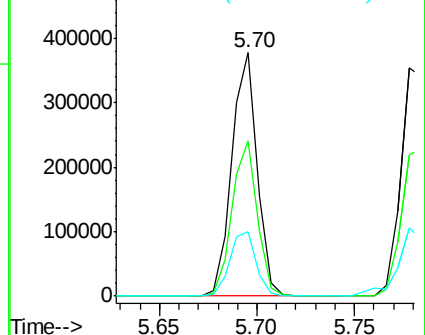
75 26.6 23.1 34.7

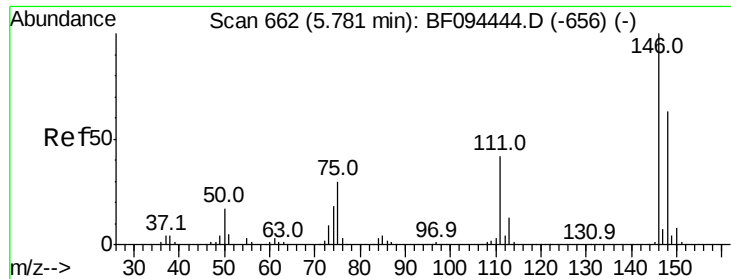


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

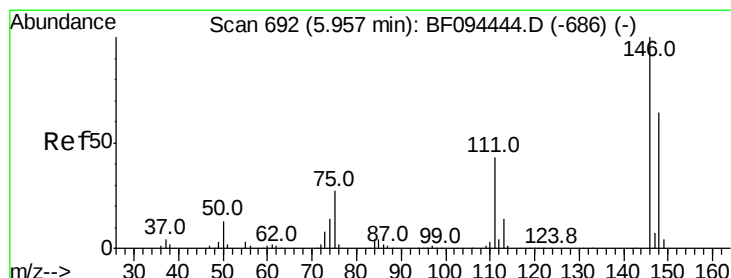
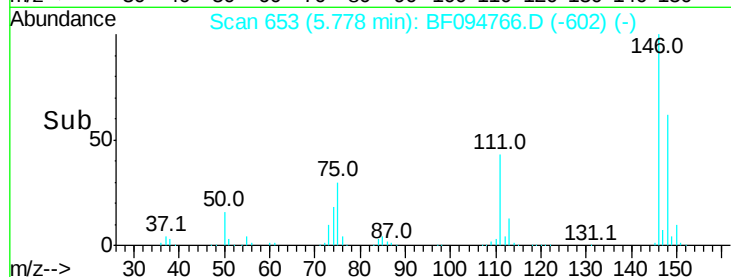
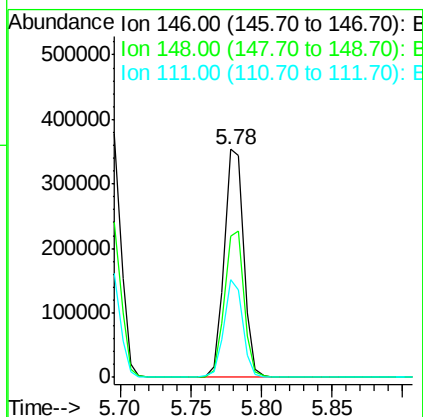
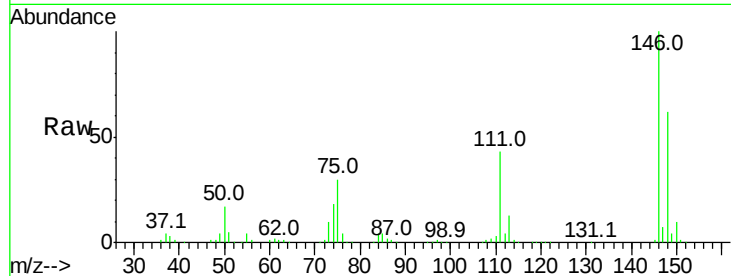




#13
 1,4-Dichlorobenzene
 Concen: 41.08 ng
 RT: 5.78 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

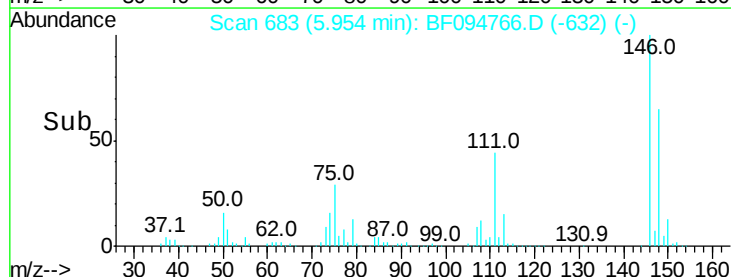
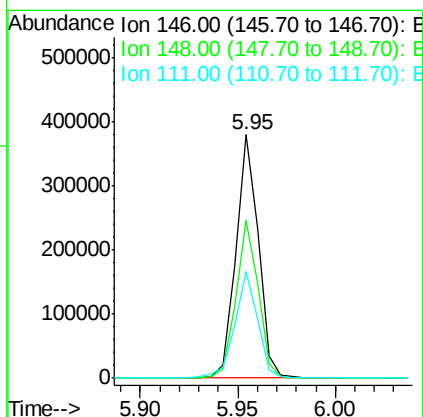
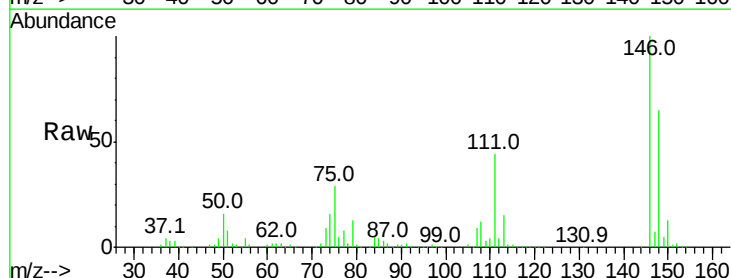
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

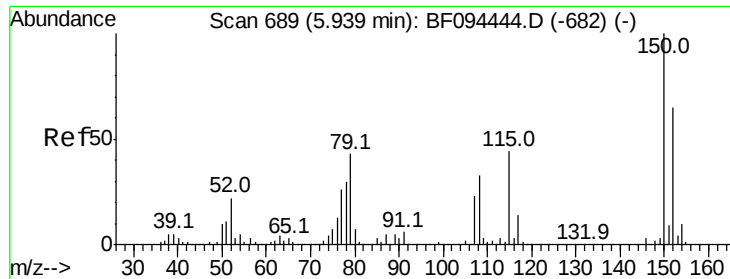
Tot Ion:146 Resp: 340839
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.2 78.2
 111 42.7 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.48 ng
 RT: 5.95 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:146 Resp: 301755
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 43.9 38.2 57.4

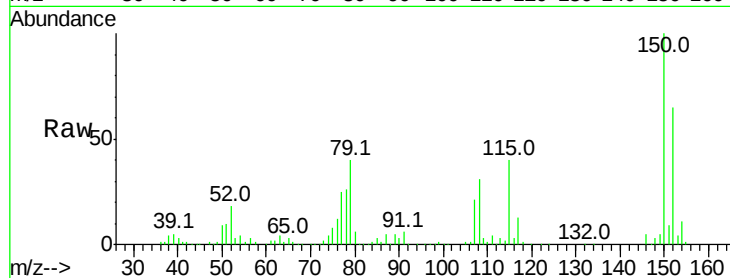




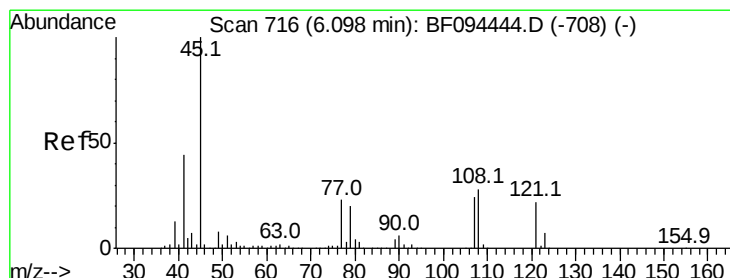
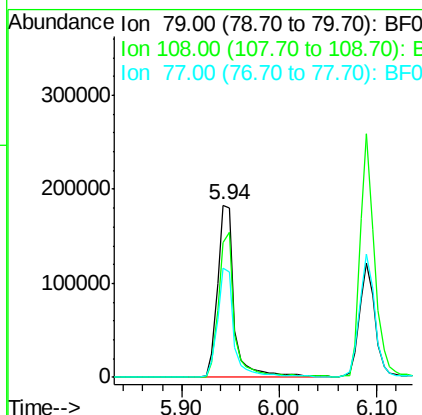
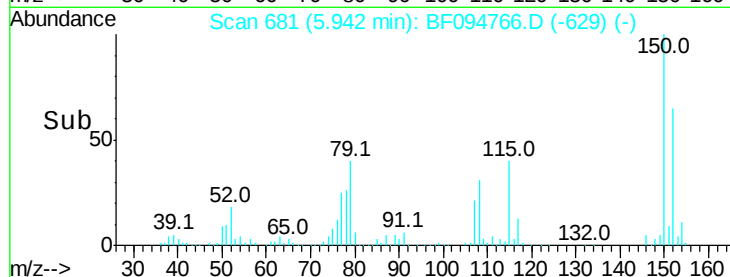
#15
Benzyl Alcohol
Concen: 38.60 ng
RT: 5.94 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 220823
Ion Ratio Lower Upper
79 100
108 78.6 63.4 95.0
77 63.3 49.2 73.8

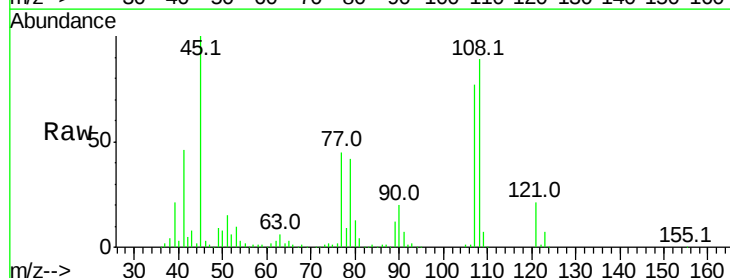


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

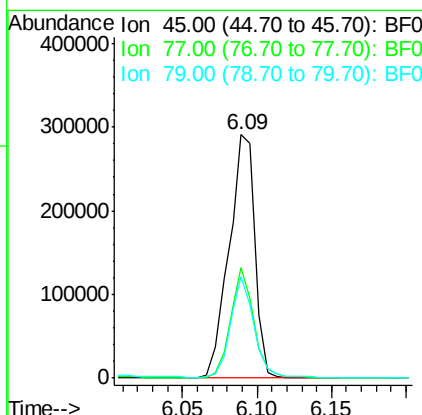
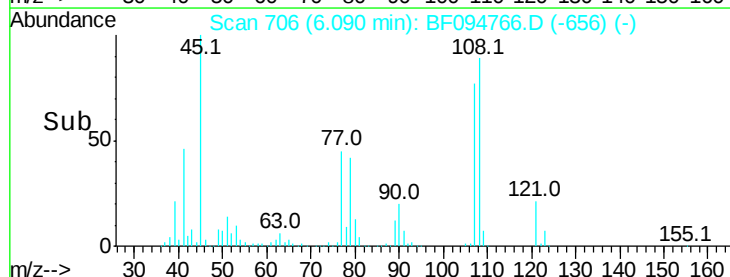


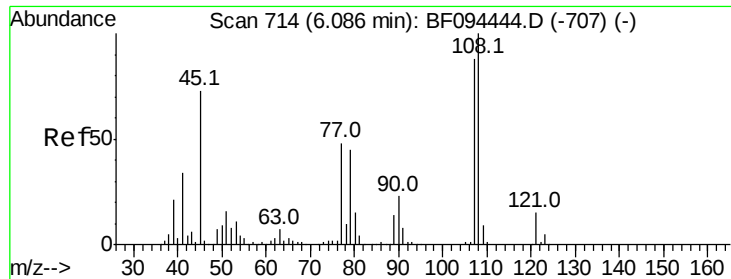
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.11 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion: 45 Resp: 354898
Ion Ratio Lower Upper
45 100
77 45.3 0.0 33.2#
79 41.8 0.0 30.0#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.01 ng

RT: 6.09 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 234573

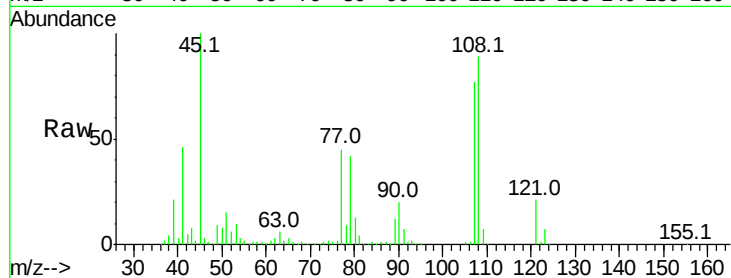
Ion Ratio Lower Upper

107 100

108 115.2 93.4 140.0

77 58.6 35.8 53.6#

79 54.1 34.8 52.2#

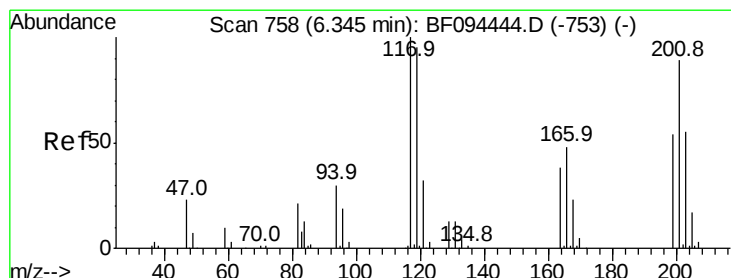
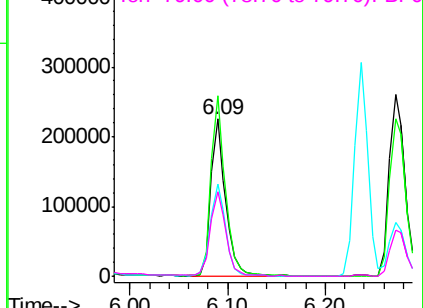
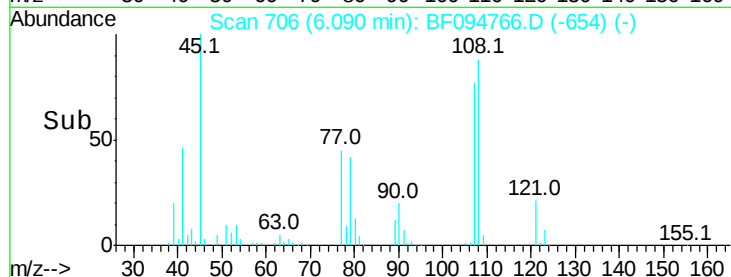


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.87 ng

RT: 6.34 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

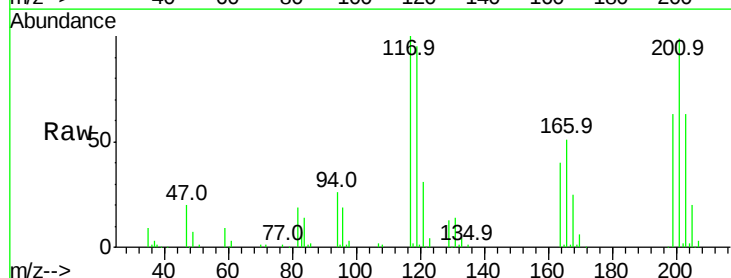
Tgt Ion:117 Resp: 107701

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.0

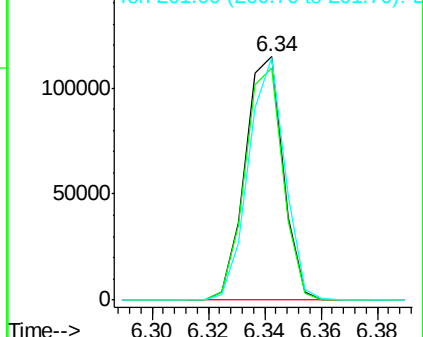
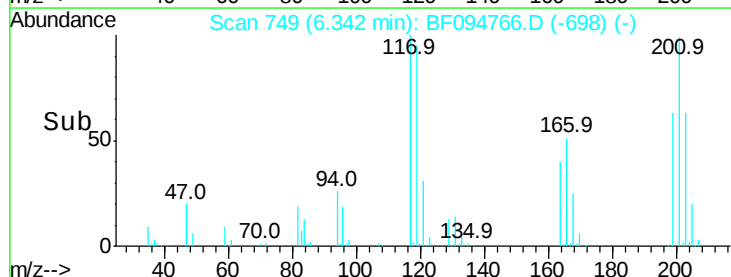
201 99.4 94.6 141.8

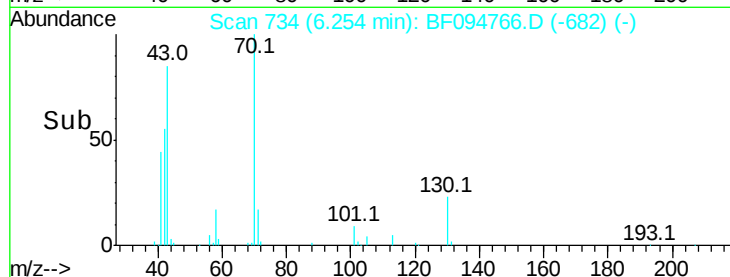
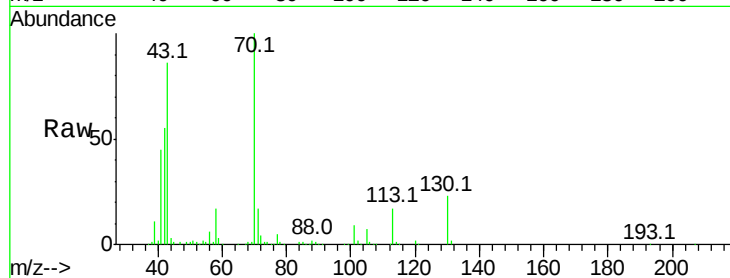
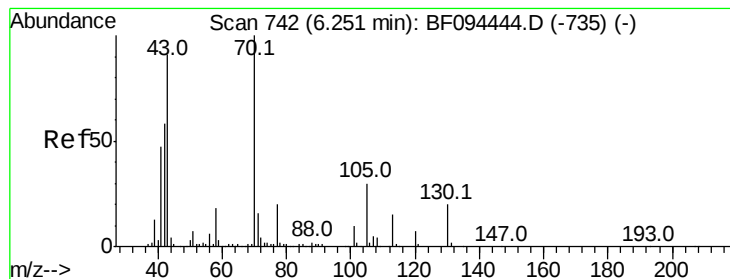


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.11 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 199814

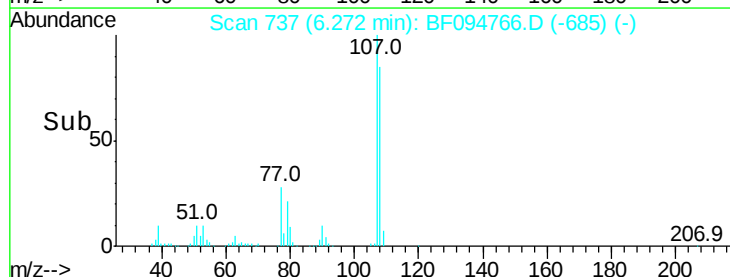
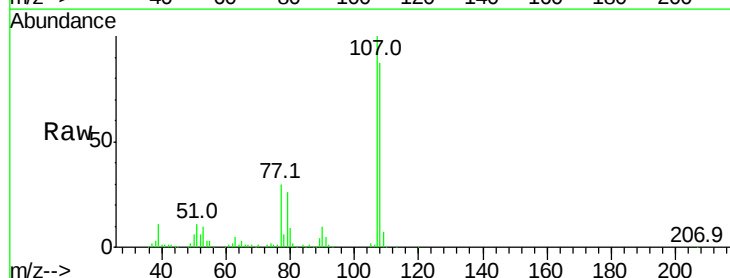
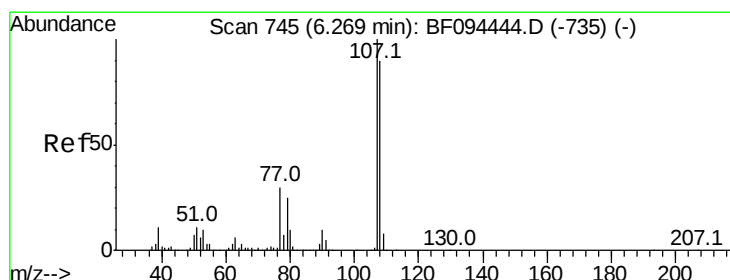
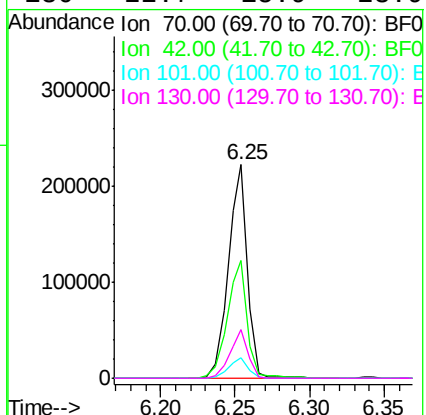
Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.2	70.8
101	9.4	7.2	10.8
130	22.7	15.9	23.9

70 100

42 55.2 47.2 70.8

101 9.4 7.2 10.8

130 22.7 15.9 23.9



#20

3+4-Methylphenols

Concen: 38.82 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Tgt Ion:107 Resp: 309232

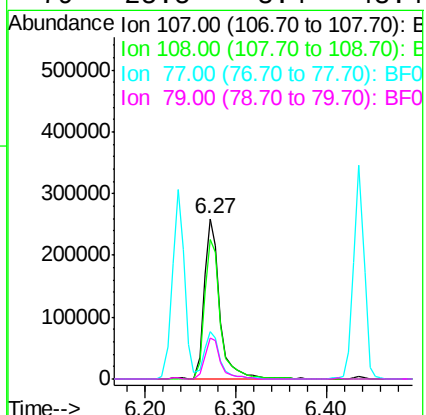
Ion	Ratio	Lower	Upper
107	100		
108	86.8	71.0	111.0
77	29.9	90.5	130.5#
79	25.5	8.4	48.4

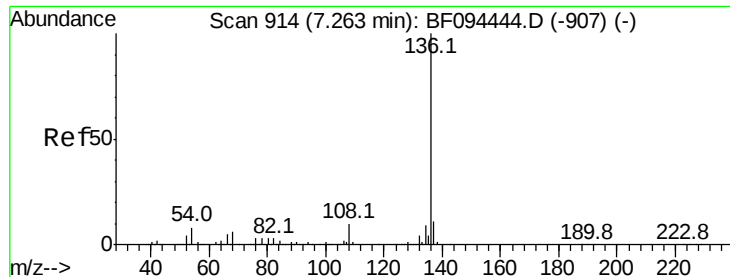
107 100

108 86.8 71.0 111.0

77 29.9 90.5 130.5#

79 25.5 8.4 48.4

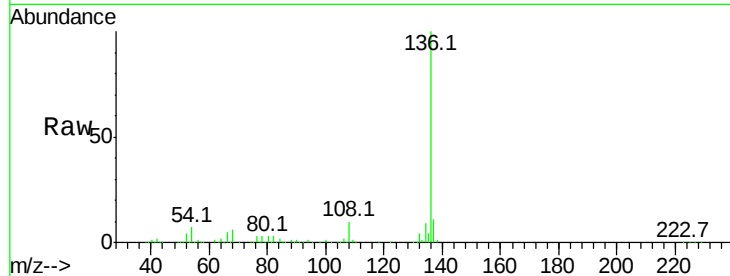




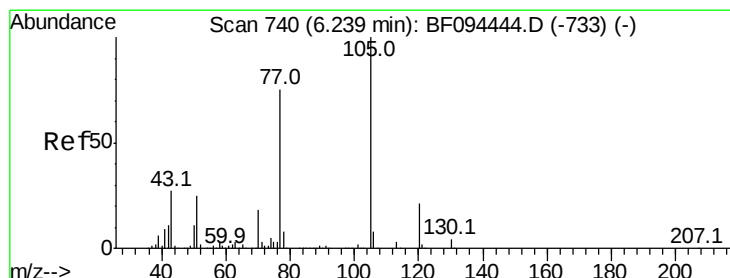
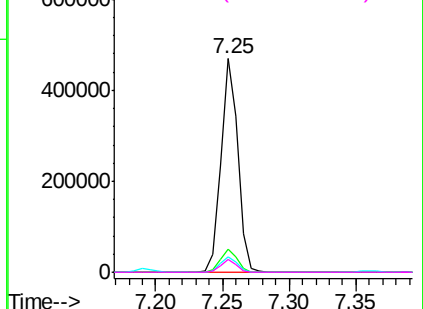
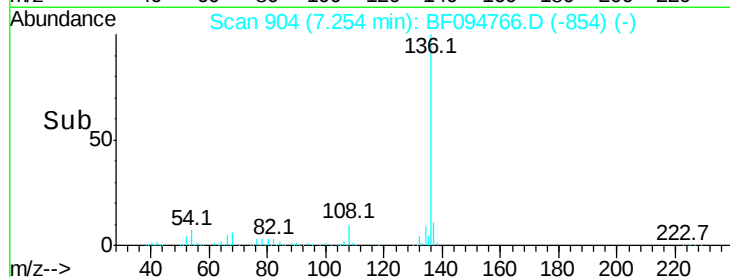
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	418484
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	7.3	4.9 7.3
68	5.8	4.1 6.1

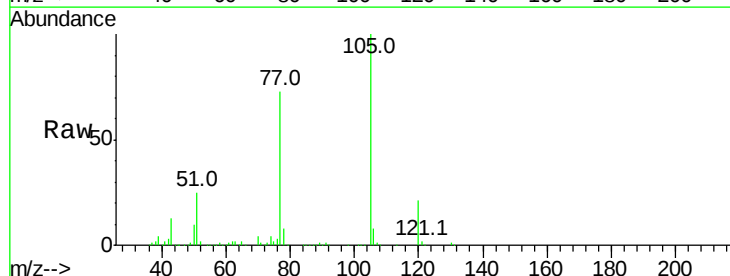


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

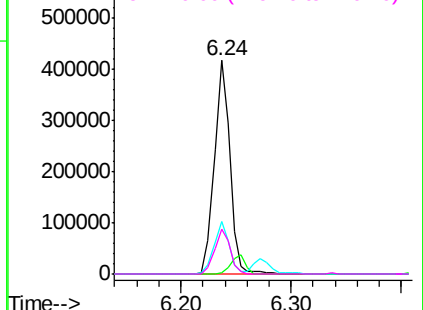
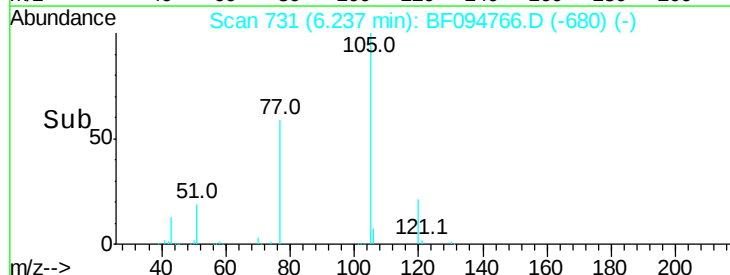


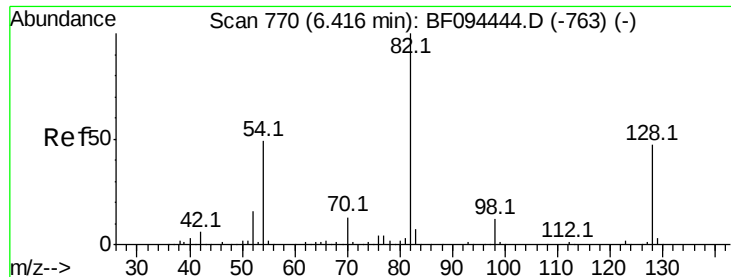
#22
Acetophenone
Concen: 39.74 ng
RT: 6.24 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:105	Resp:	404374
Ion Ratio	Lower	Upper
105	100	
71	0.7	2.8 4.2#
51	24.8	30.7 46.1#
120	21.3	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



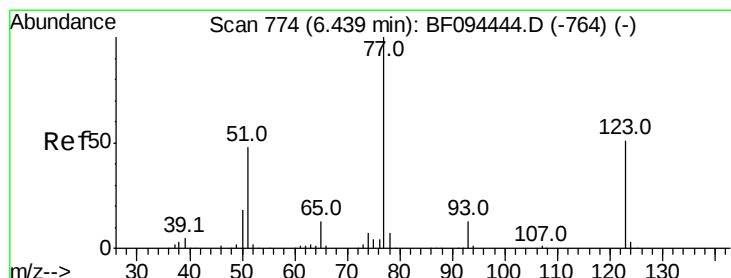
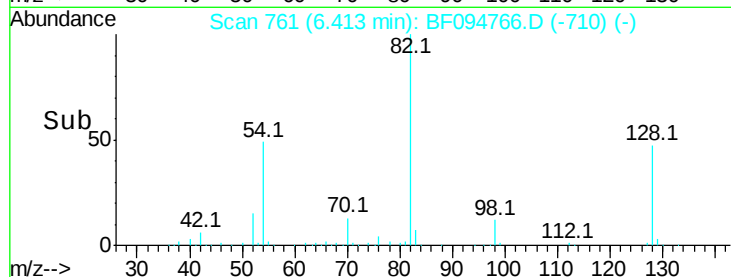
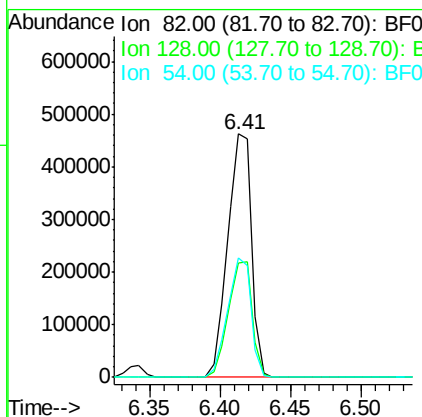
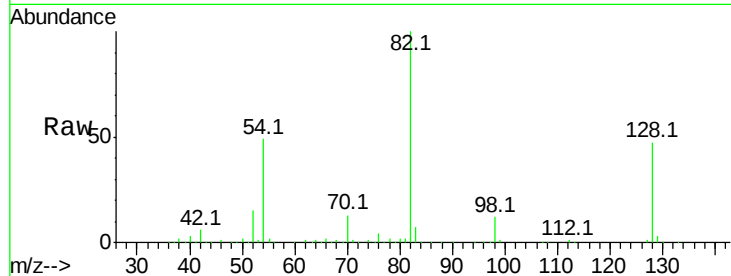


#23
 Nitrobenzene-d5
 Concen: 79.93 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 541717

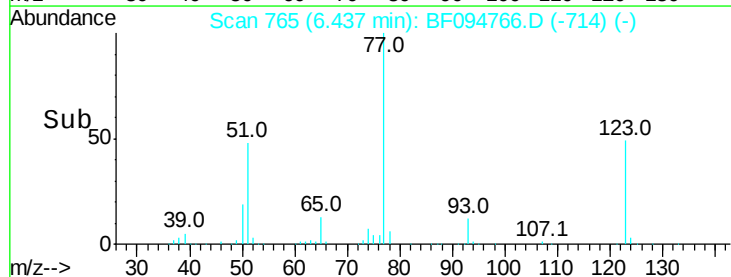
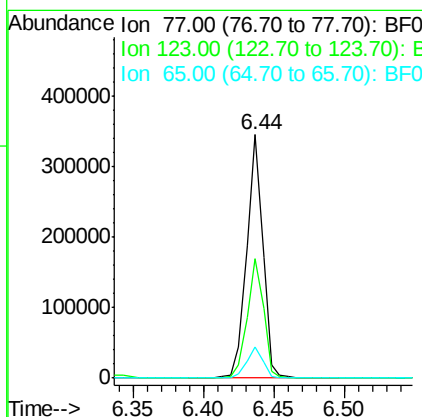
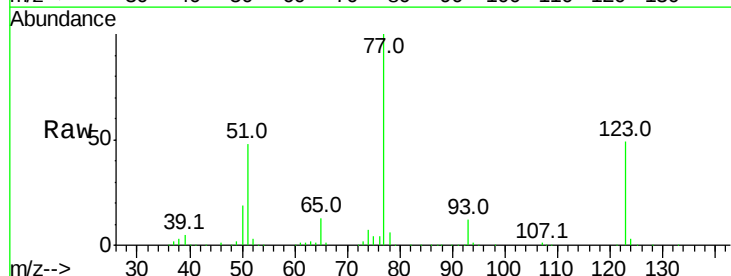
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	49.2	42.2	63.2

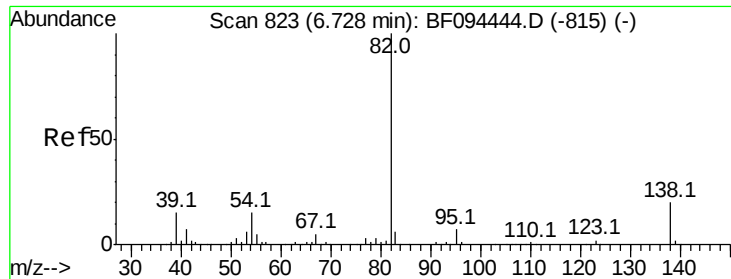


#24
 Nitrobenzene
 Concen: 38.52 ng
 RT: 6.44 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion: 77 Resp: 274940

Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 39.22 ng

RT: 6.72 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

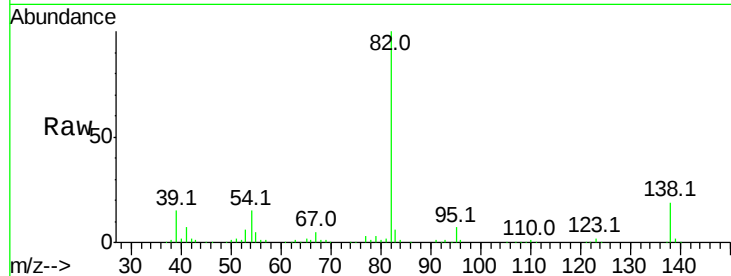
Tot Ion: 82 Resp: 492765

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

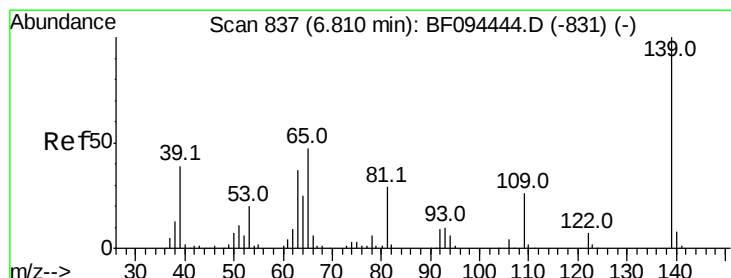
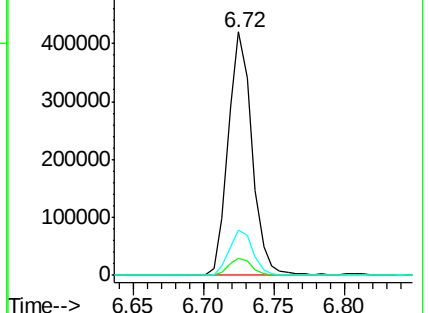
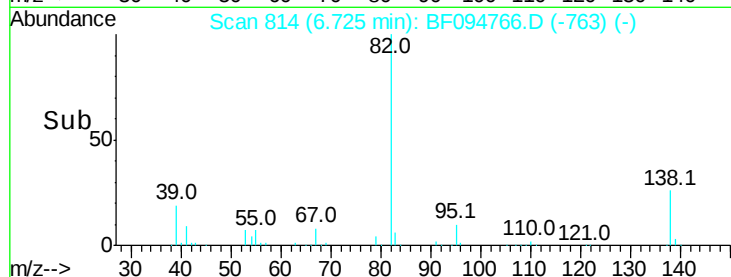
138 18.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.66 ng

RT: 6.81 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

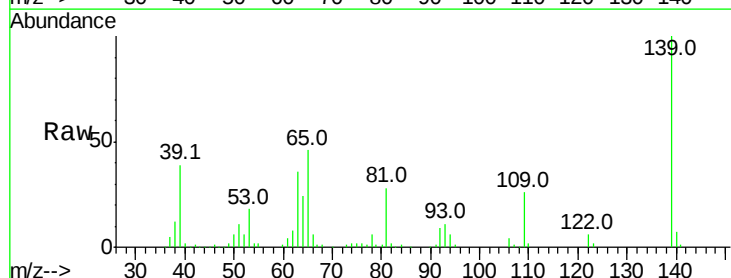
Tgt Ion: 139 Resp: 155900

Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

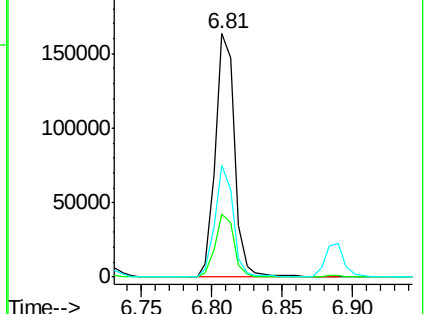
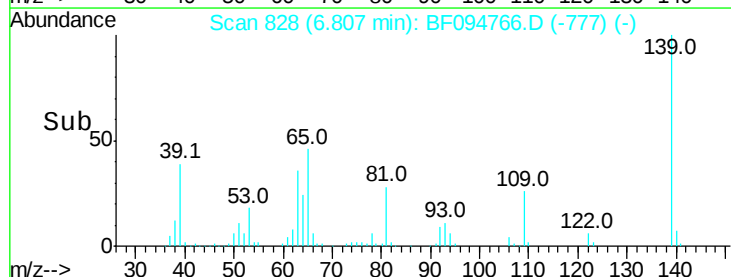
65 46.0 33.0 49.6

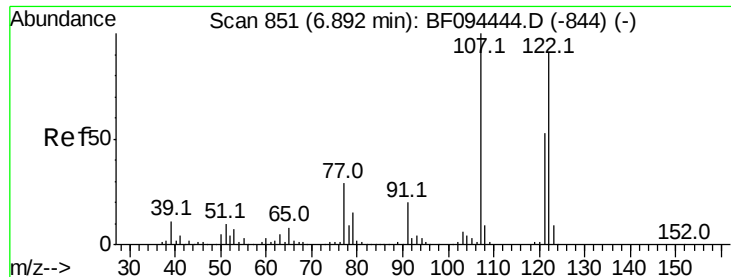


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

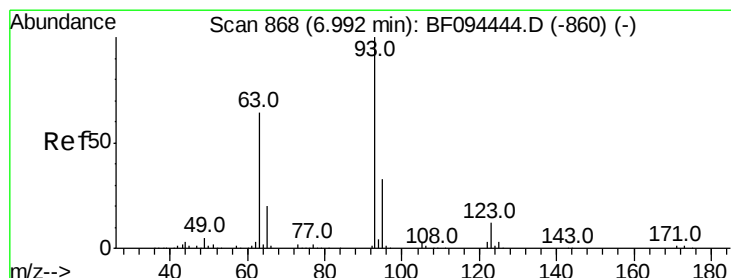
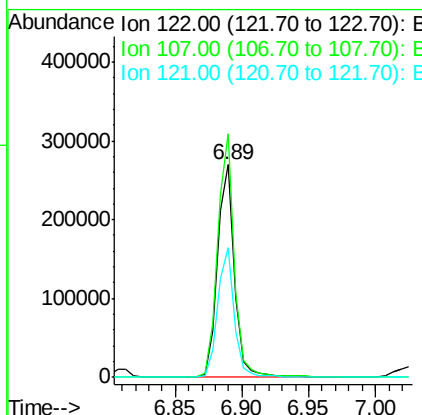
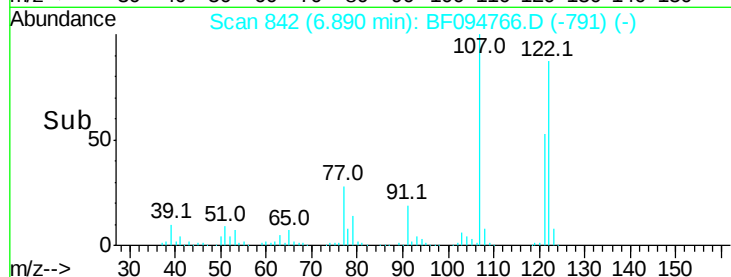
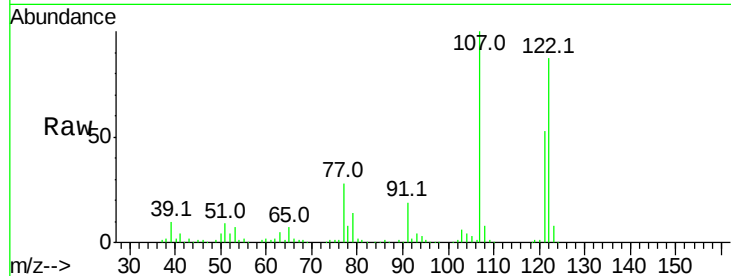




#27
2,4-Dimethylphenol
Concen: 39.21 ng
RT: 6.89 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

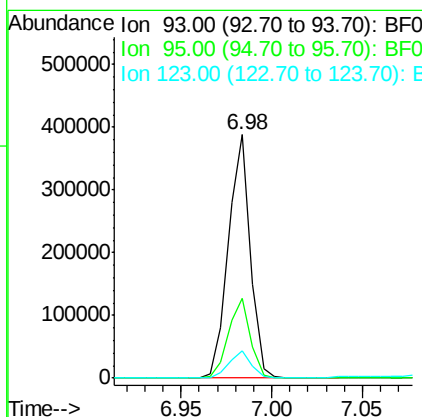
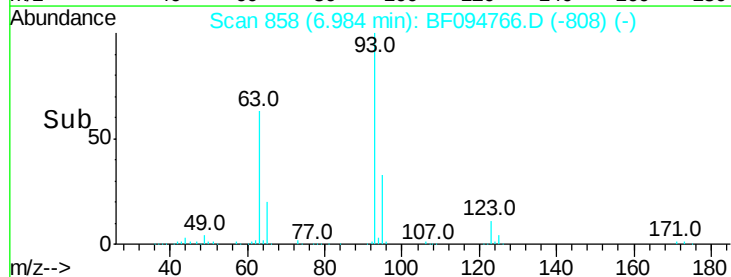
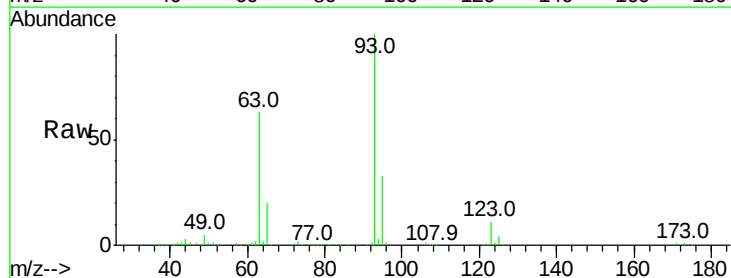
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

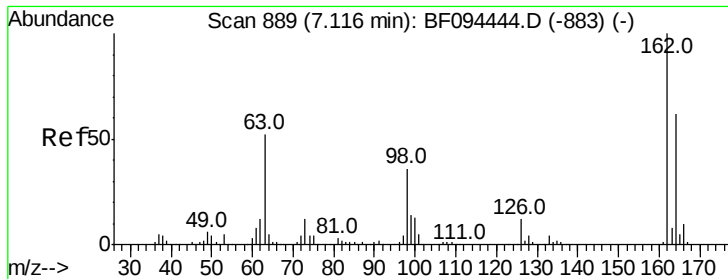
Tot Ion:122 Resp: 244207
Ion Ratio Lower Upper
122 100
107 114.5 89.2 133.8
121 60.7 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.26 ng
RT: 6.98 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion: 93 Resp: 327204
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.1 9.0 13.4

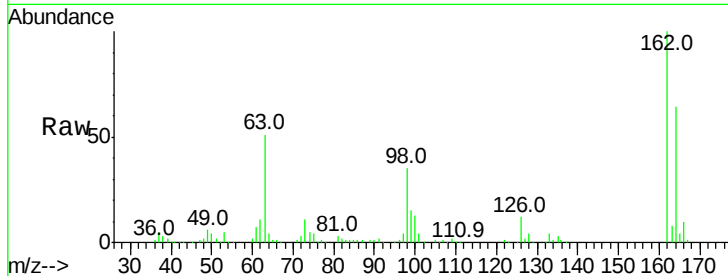




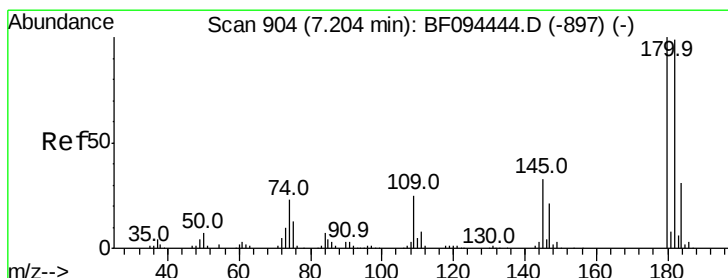
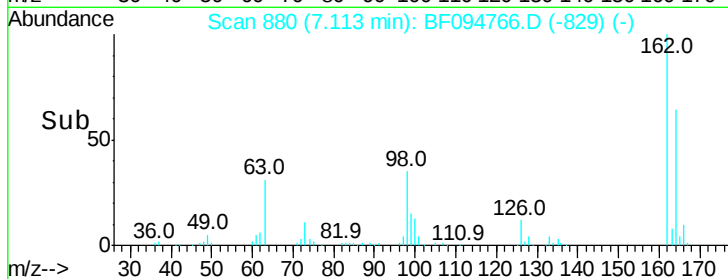
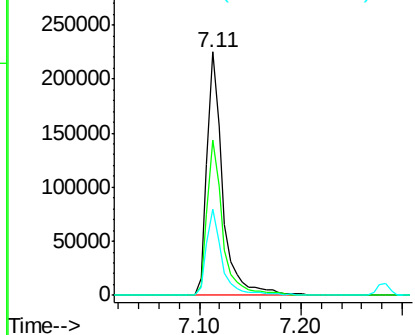
#29
 2,4-Dichlorophenol
 Concen: 41.99 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	35.3	14.8	54.8

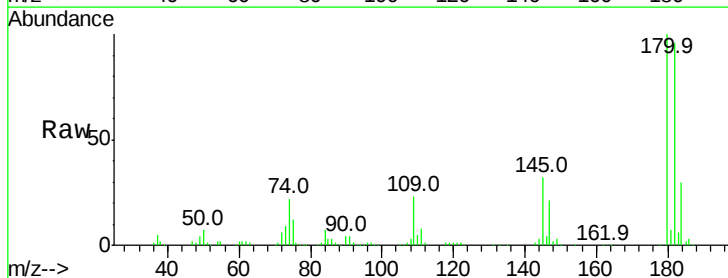


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

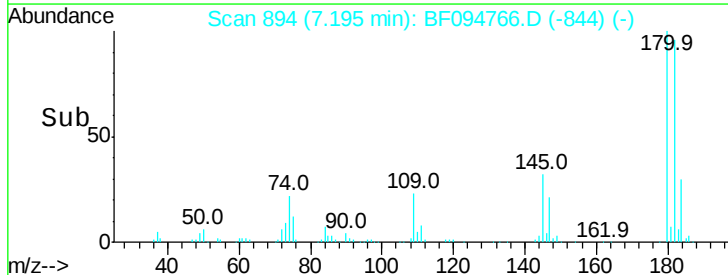
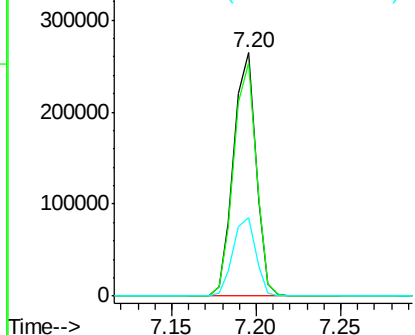


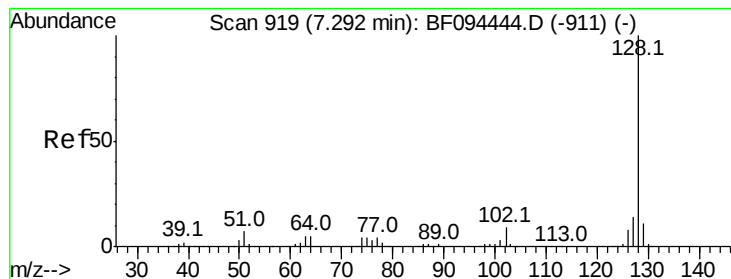
#30
 1,2,4-Trichlorobenzene
 Concen: 41.03 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	32.3	25.3	37.9



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





#31

Naphthalene

Concen: 39.59 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

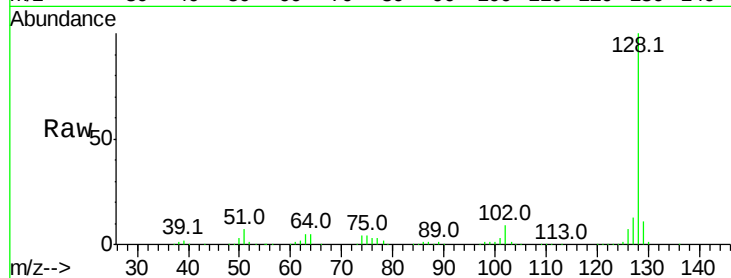
Tot Ion:128 Resp: 796497

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

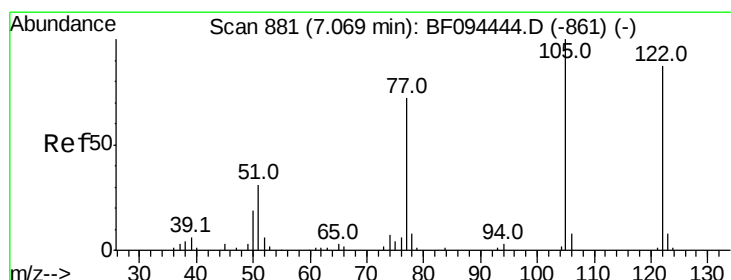
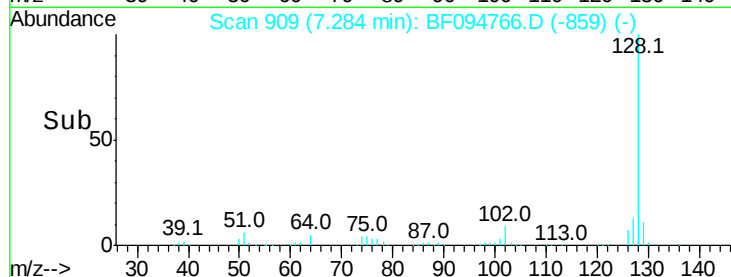
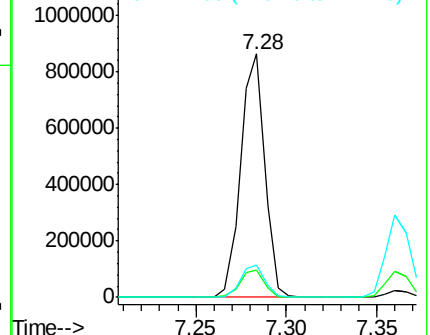
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.11 ng

RT: 7.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

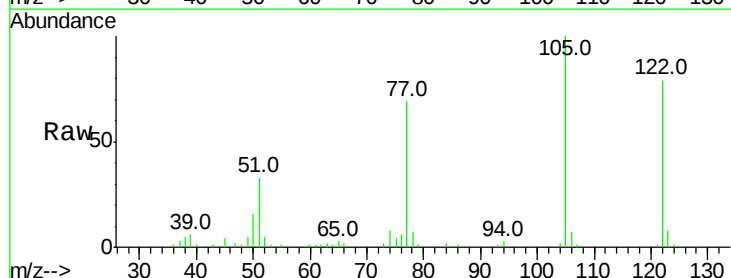
Tgt Ion:122 Resp: 128792

Ion Ratio Lower Upper

122 100

105 127.0 103.3 143.3

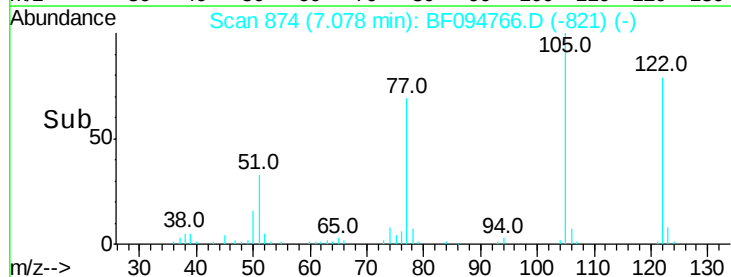
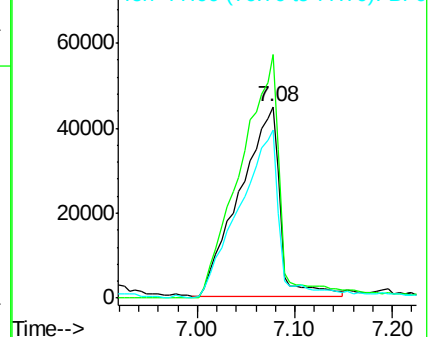
77 88.0 73.7 113.7

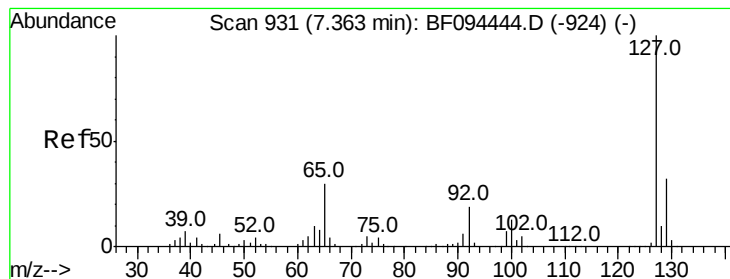


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 34.93 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 292349

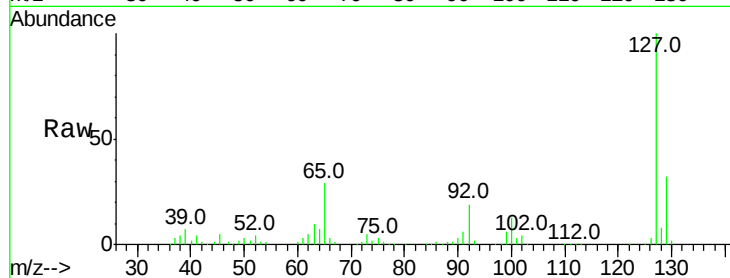
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.2

65 28.7 27.8 41.8

92 18.9 16.8 25.2

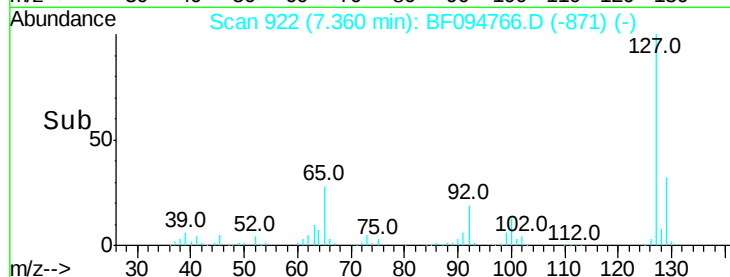


Abundance Ion 127.00 (126.70 to 127.70): E

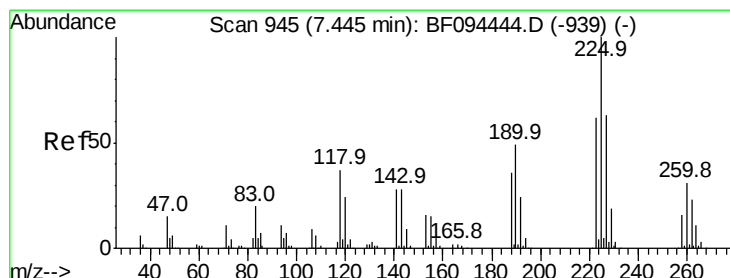
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 41.70 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

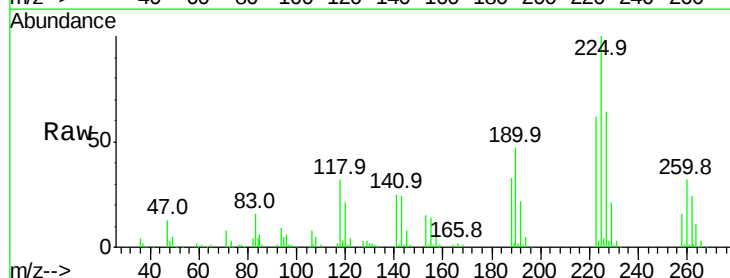
Tgt Ion:225 Resp: 124524

Ion Ratio Lower Upper

225 100

223 62.0 48.8 73.2

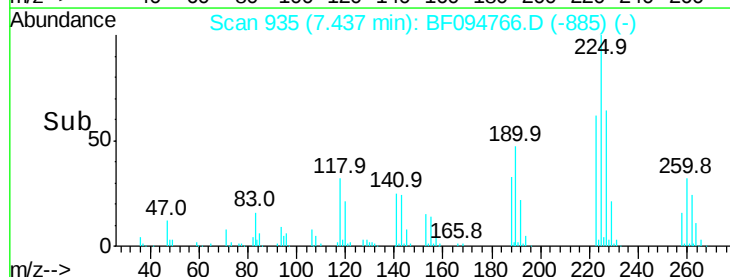
227 63.5 51.1 76.7



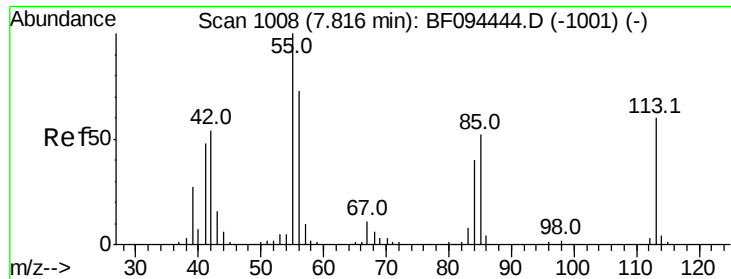
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



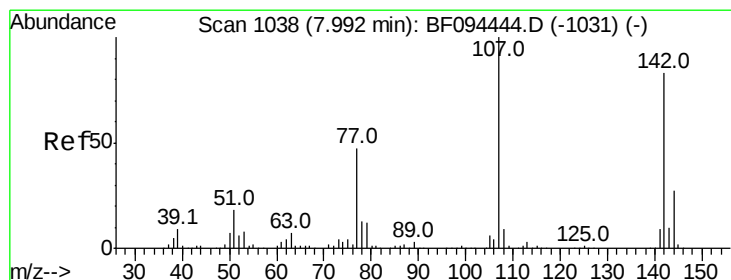
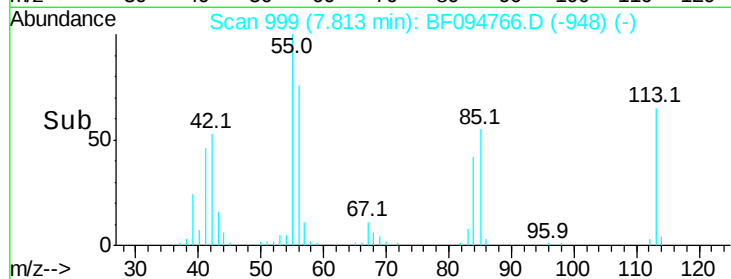
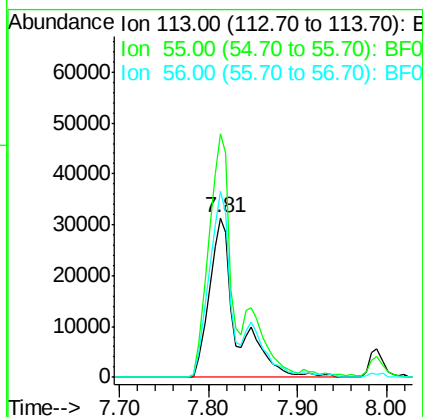
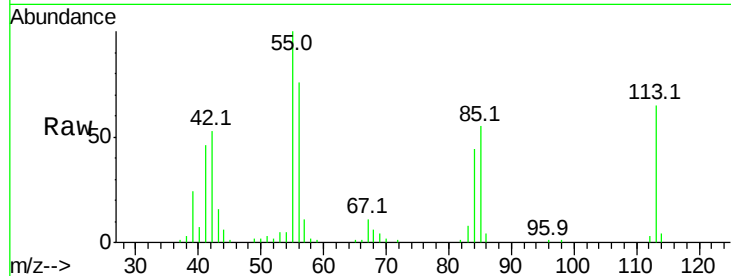
Time-->



#35
 Caprolactam
 Concen: 36.74 ng/ml
 RT: 7.81 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

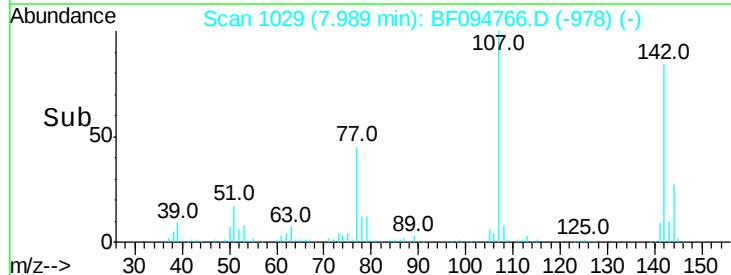
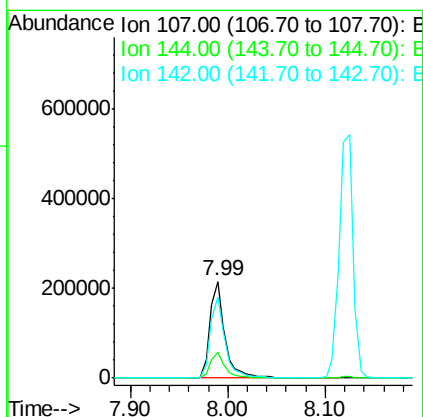
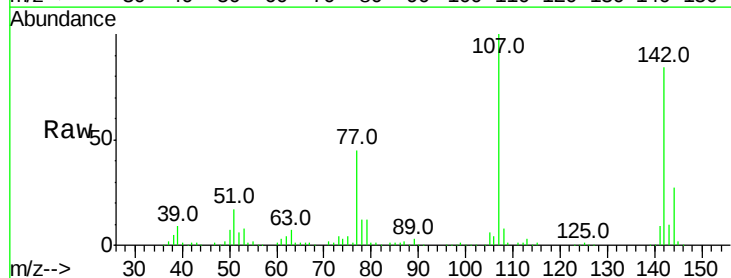
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

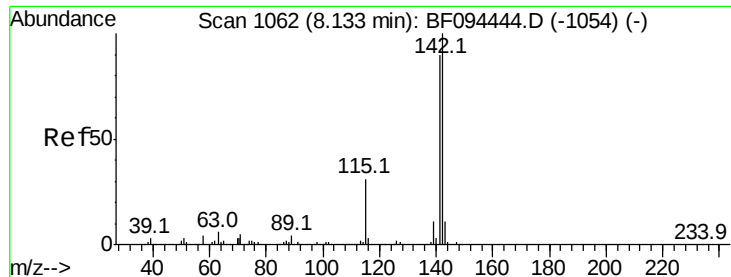
Tot Ion:113 Resp: 66875
 Ion Ratio Lower Upper
 113 100
 55 152.8 150.2 190.2
 56 116.4 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 37.82 ng/ml
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:107 Resp: 229630
 Ion Ratio Lower Upper
 107 100
 144 27.0 24.2 36.4
 142 83.6 73.4 110.0

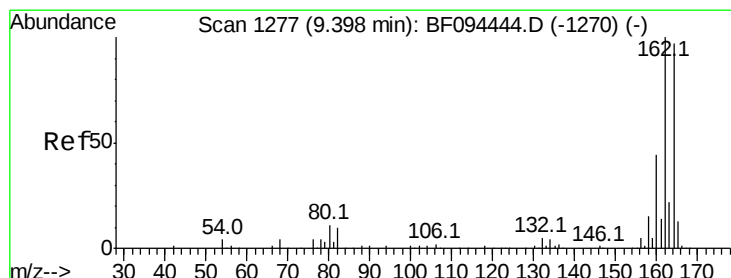
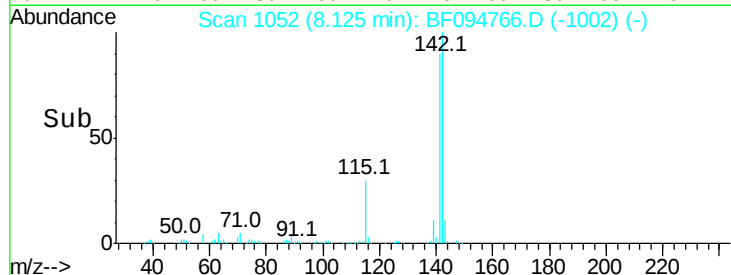
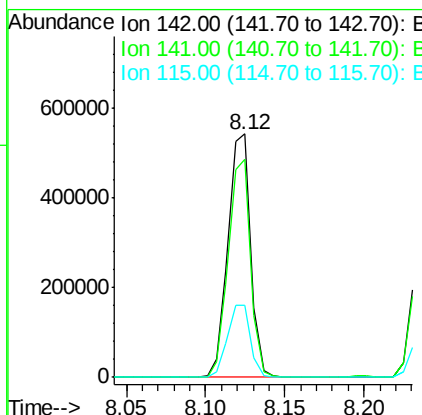
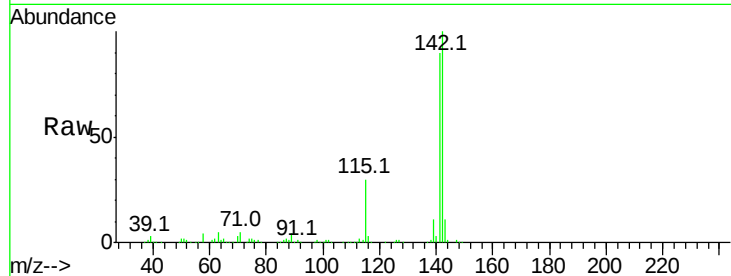




#37
 2-Methylnaphthalene
 Concen: 39.17 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

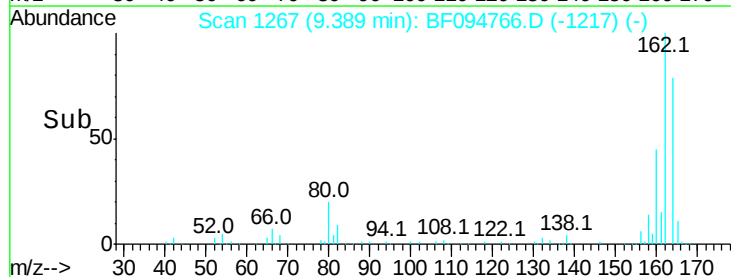
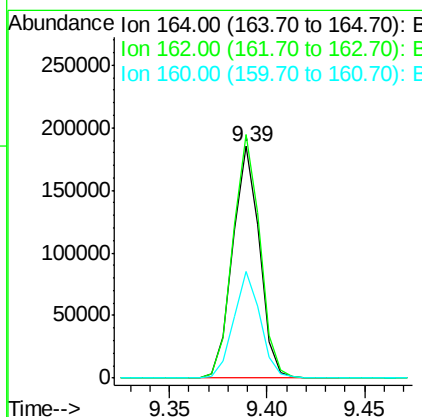
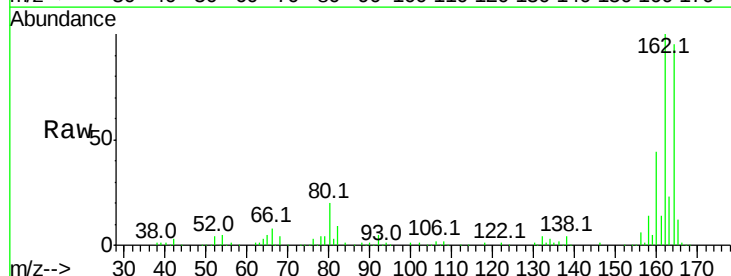
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

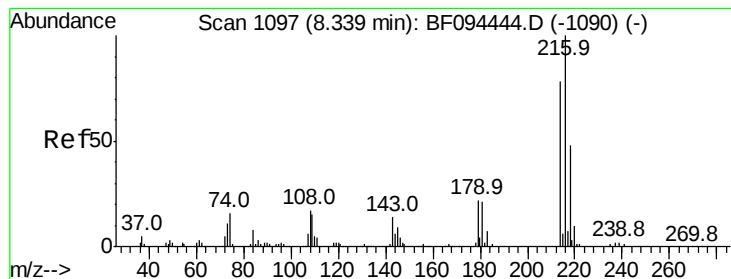
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	29.8	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	45.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.44 ng

RT: 8.33 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 212943

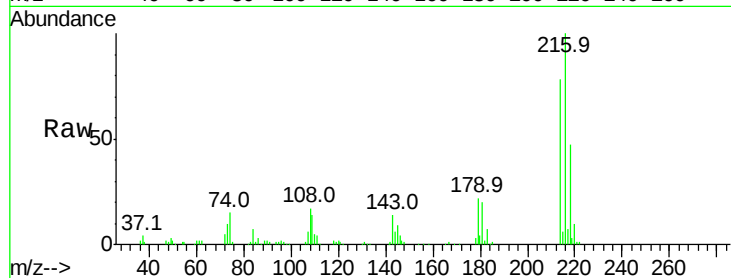
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 22.6 17.9 26.9

108 18.2 16.5 24.7

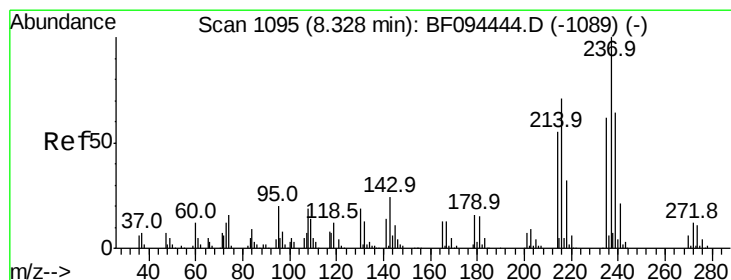
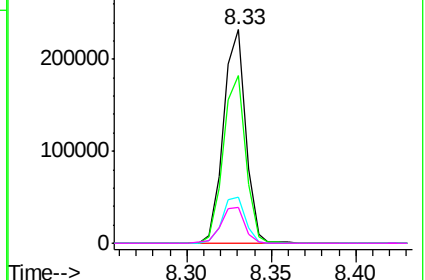
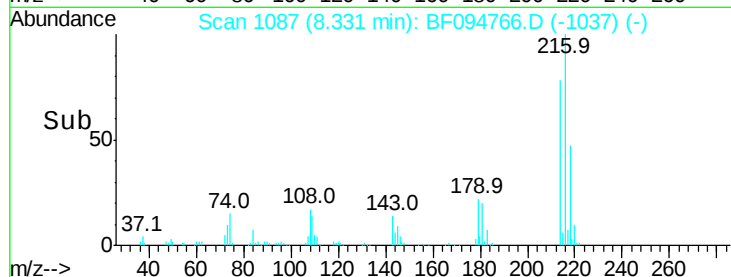


Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.54 ng

RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

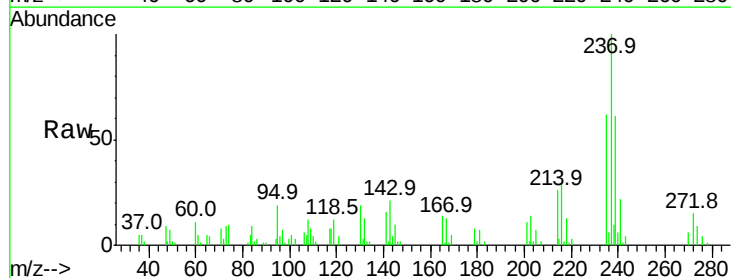
Tgt Ion:237 Resp: 25463

Ion Ratio Lower Upper

237 100

235 62.3 42.6 82.6

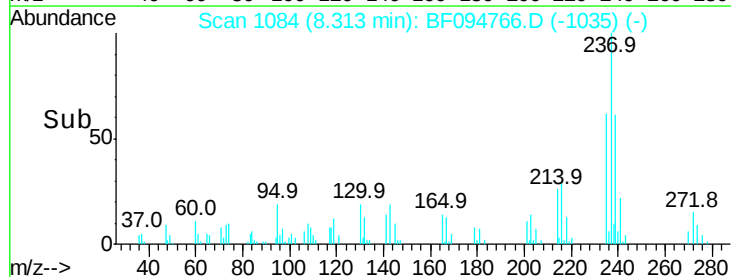
272 15.4 0.0 31.9



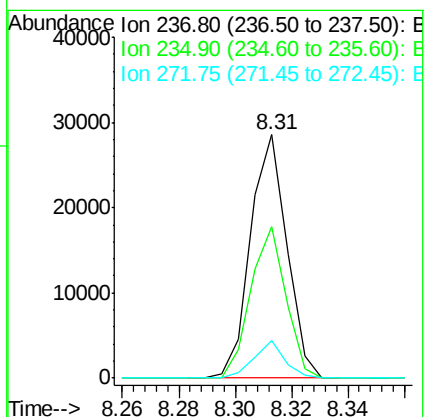
Abundance Ion 236.80 (236.50 to 237.50): E

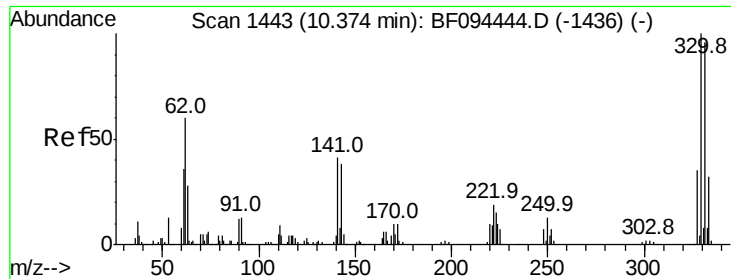
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

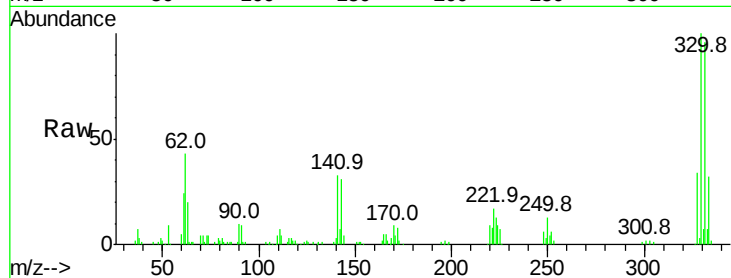




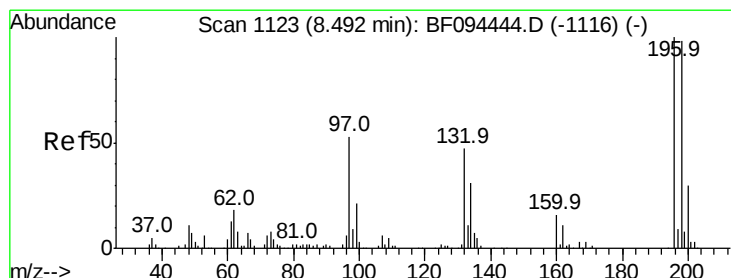
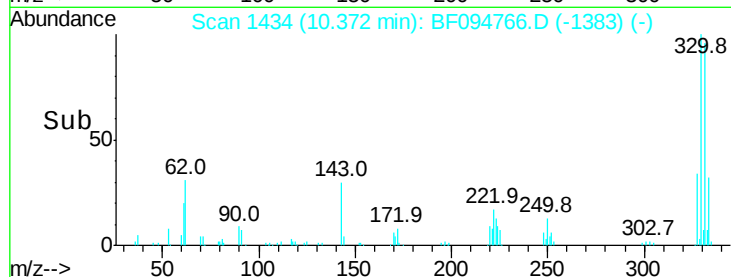
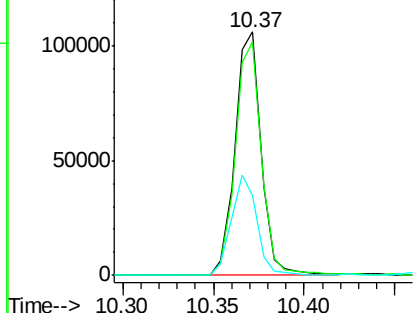
#41
 2,4,6-Tribromophenol
 Concen: 77.33 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 106593
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 40.6 31.4 47.2

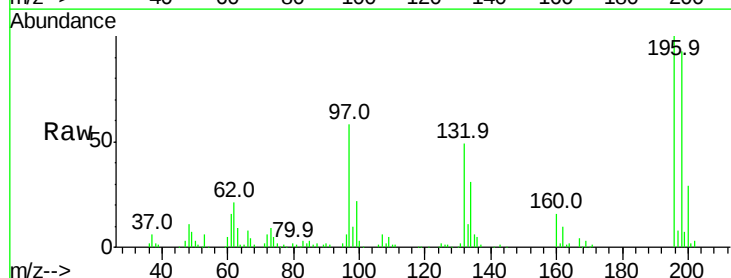


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

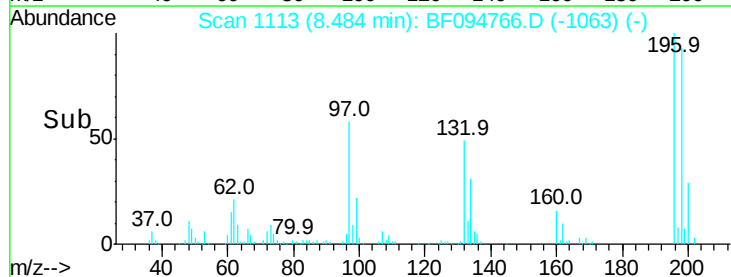
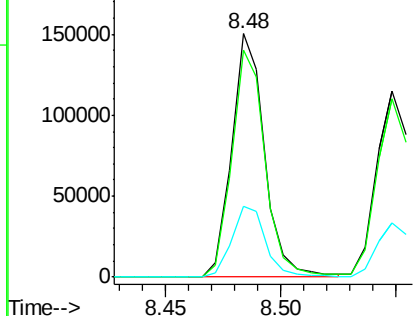


#42
 2,4,6-Trichlorophenol
 Concen: 42.28 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:196 Resp: 148977
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.2 111.4
 200 29.1 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

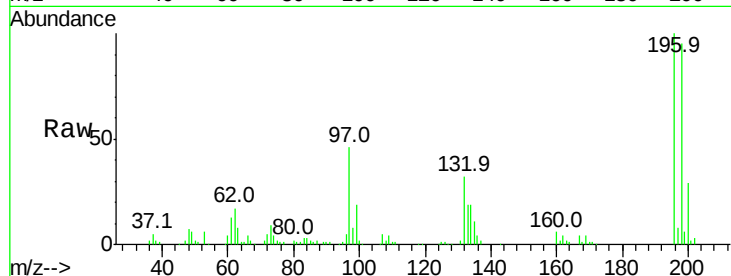




#43
 2,4,5-Trichlorophenol
 Concen: 41.89 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
97	46.0	47.7	71.5#
132	31.7	28.0	42.0



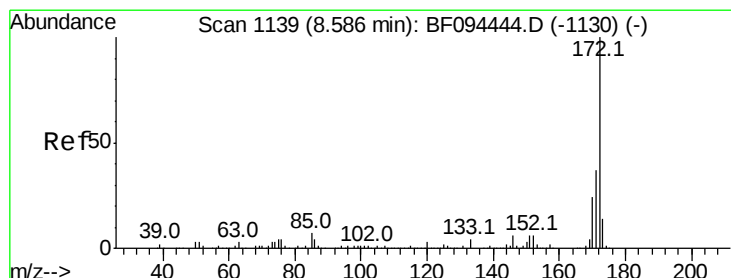
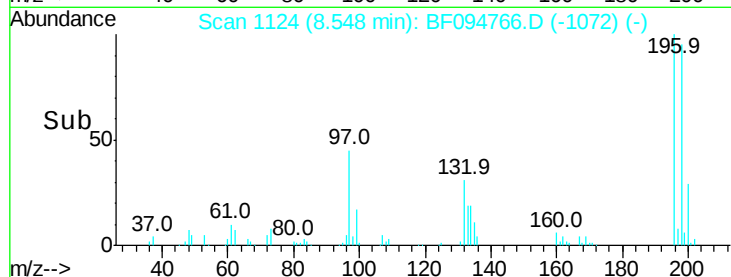
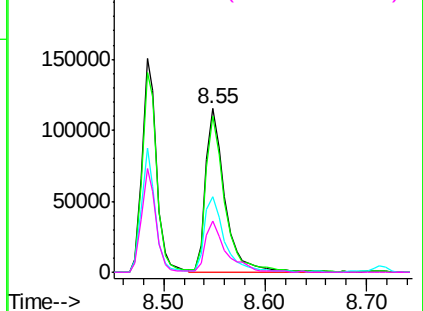
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

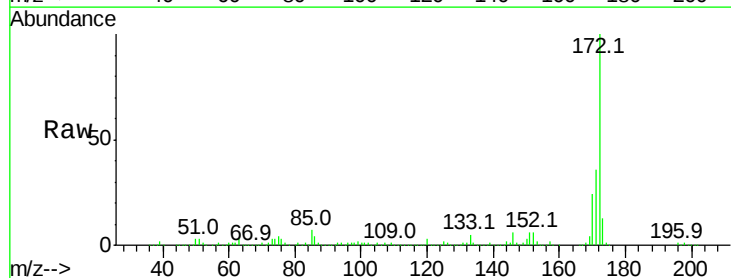
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.02 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.6	19.8	29.8

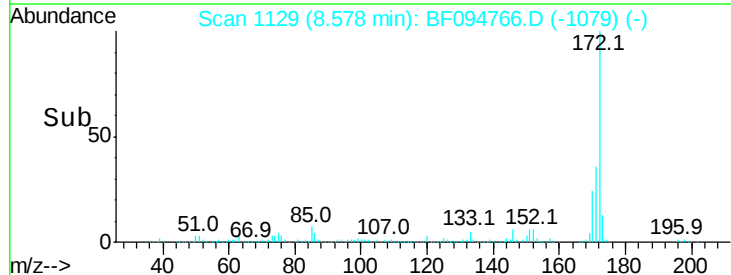
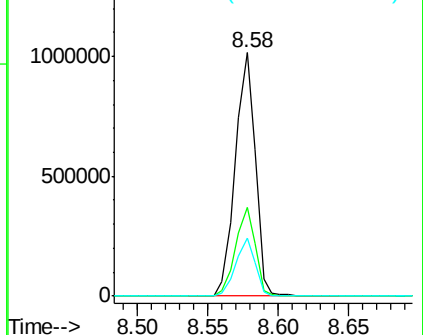


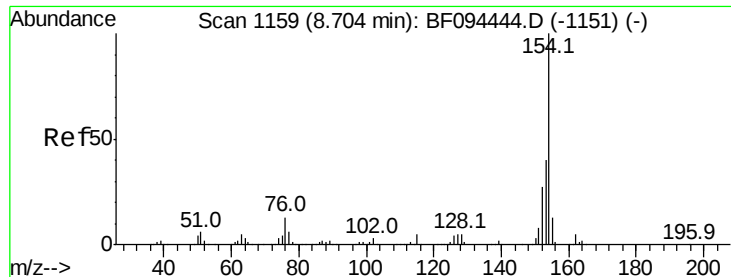
Abundance

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: 43.31 ng

RT: 8.70 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

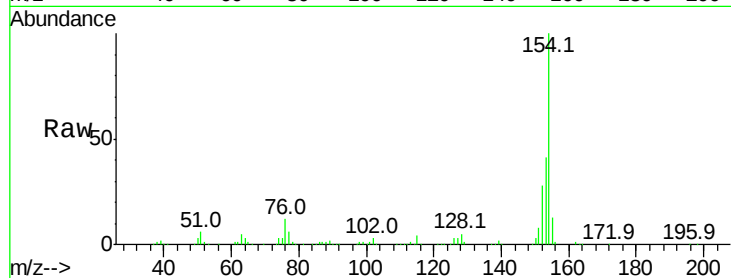
Tot Ion:154 Resp: 623621

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

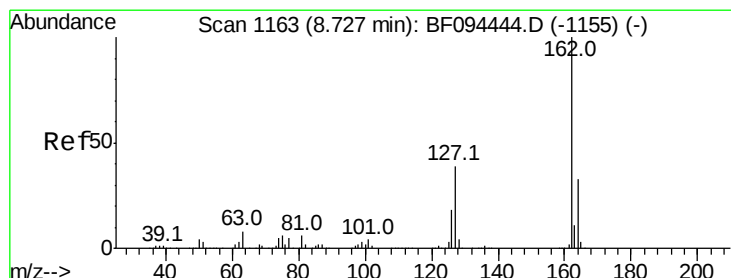
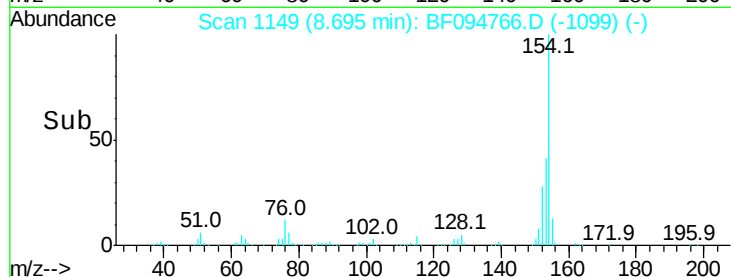
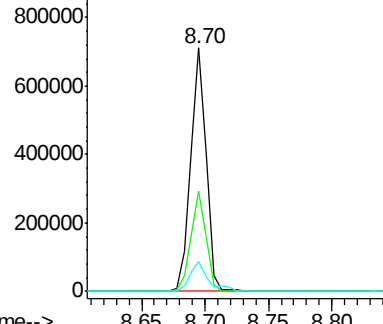
76 12.4 0.0 29.9



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: 41.64 ng

RT: 8.71 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

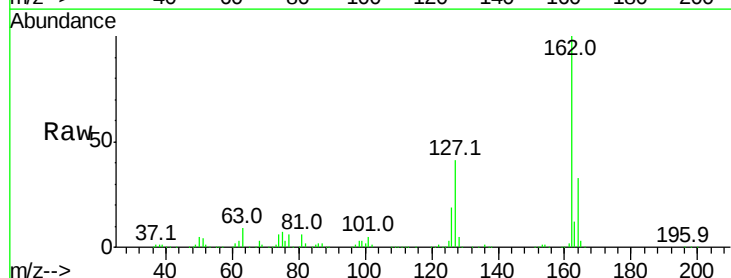
Tgt Ion:162 Resp: 476724

Ion Ratio Lower Upper

162 100

127 41.3 28.3 42.5

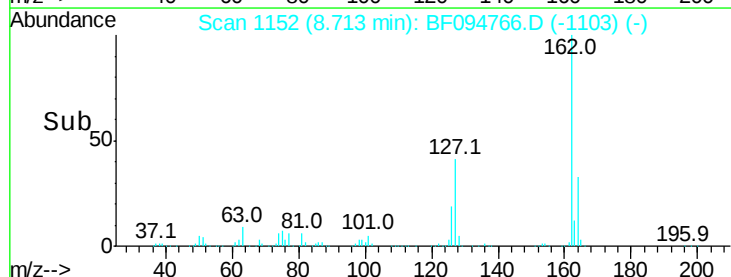
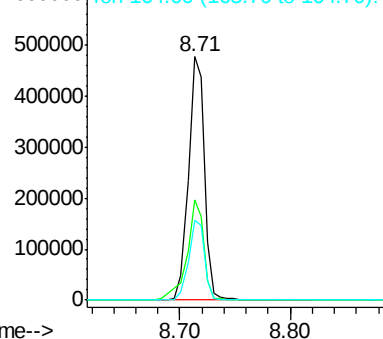
164 32.5 27.0 40.4

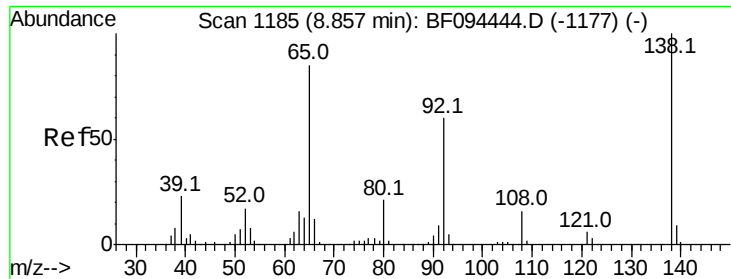


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

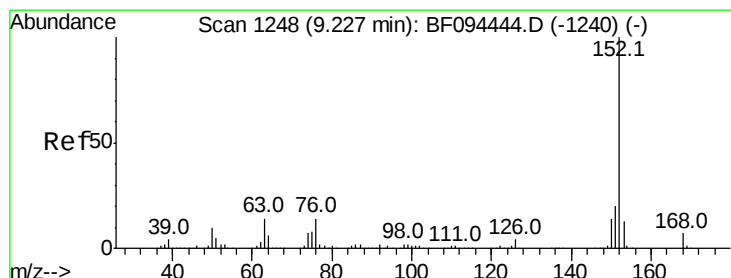
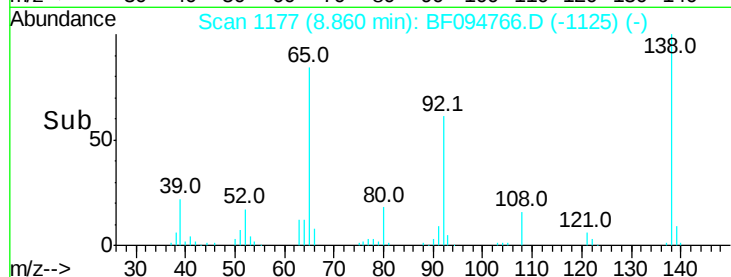
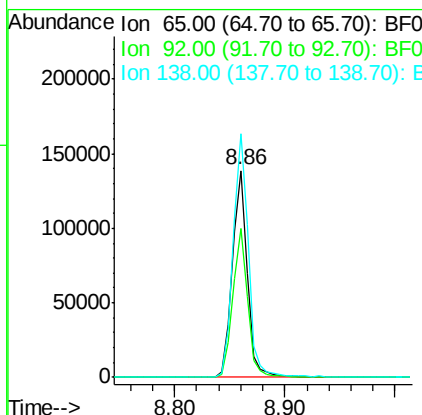
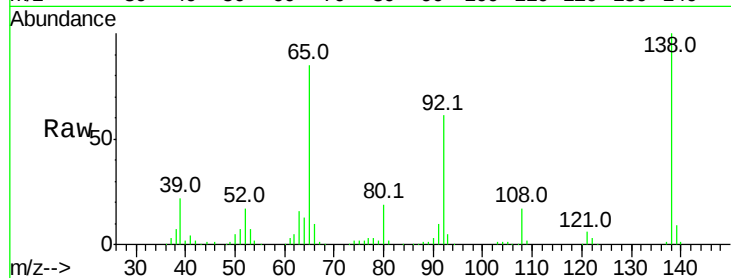




#47
 2-Nitroaniline
 Concen: 40.36 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

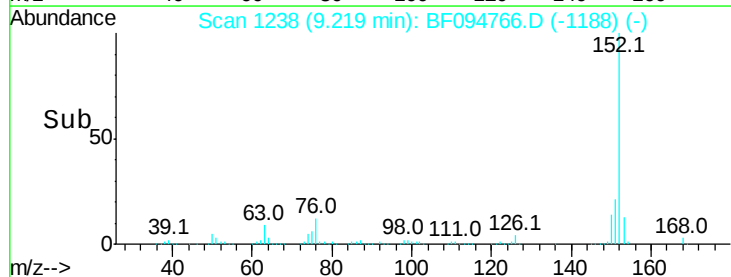
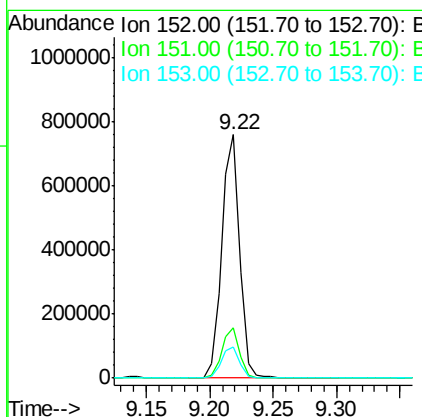
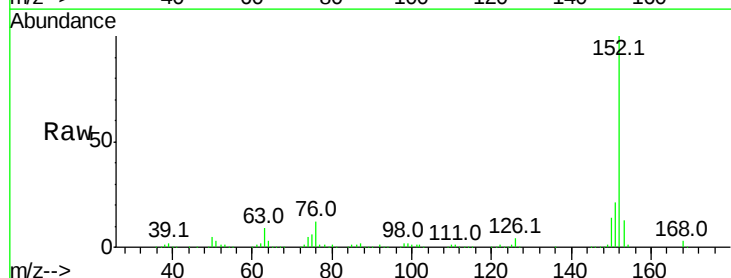
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

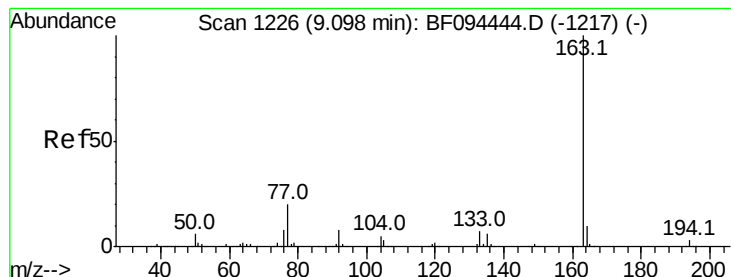
Tot Ion: 65 Resp: 132906
 Ion Ratio Lower Upper
 65 100
 92 71.9 53.9 80.9
 138 117.8 78.8 118.2



#48
 Acenaphthylene
 Concen: 41.83 ng
 RT: 9.22 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion: 152 Resp: 746502
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 43.60 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

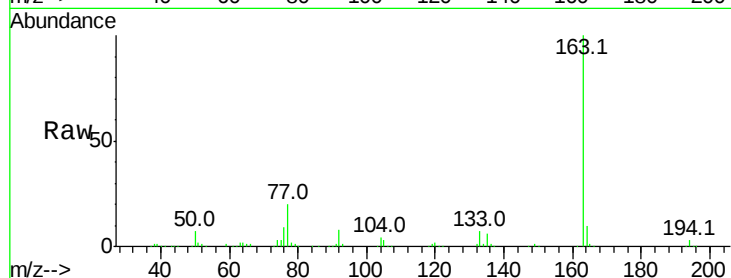
Tot Ion:163 Resp: 572631

Ion Ratio Lower Upper

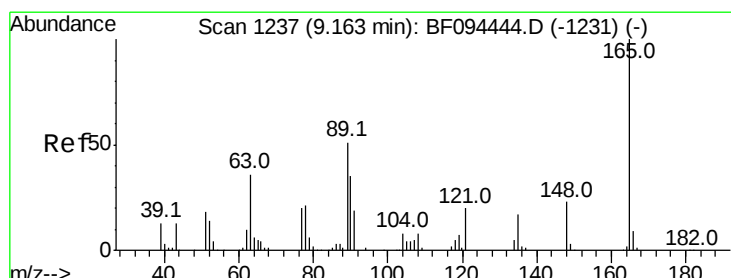
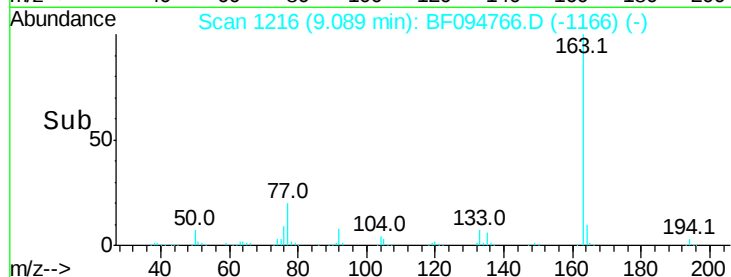
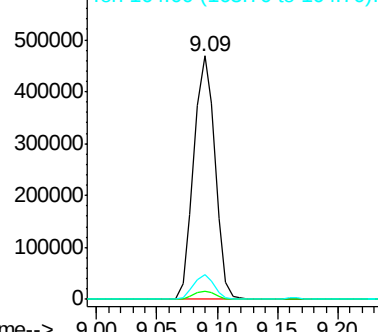
163 100

194 3.4 2.6 4.0

164 10.2 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: 41.53 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

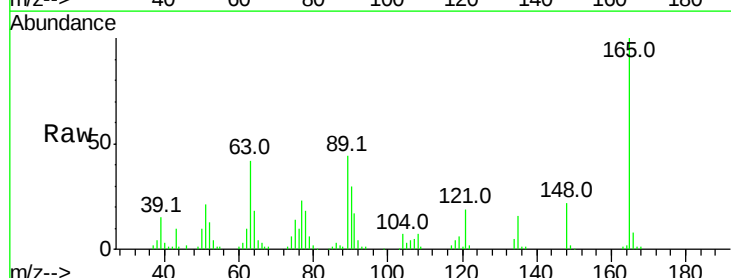
Tgt Ion:165 Resp: 122418

Ion Ratio Lower Upper

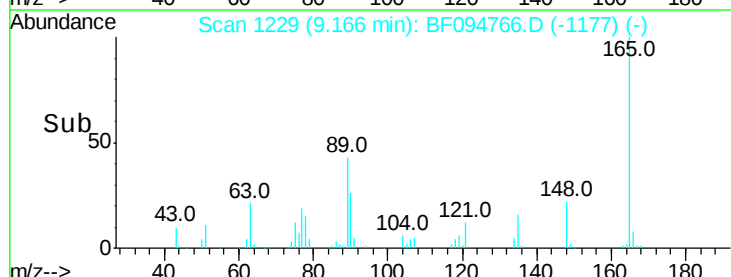
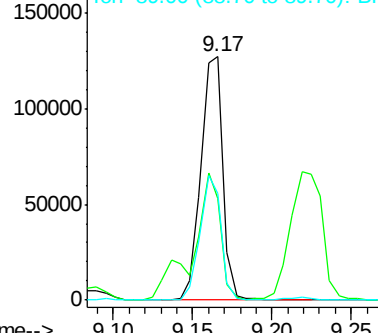
165 100

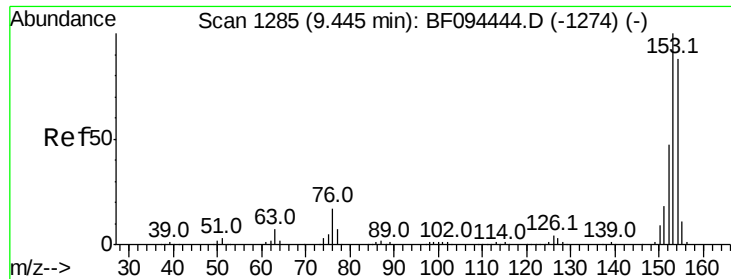
63 41.7 34.3 51.5

89 44.0 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: 38.49 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

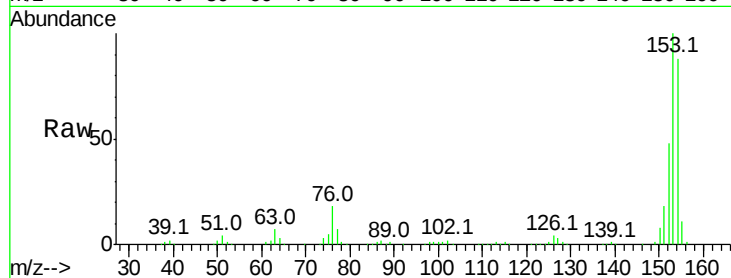
Tot Ion:154 Resp: 411424

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

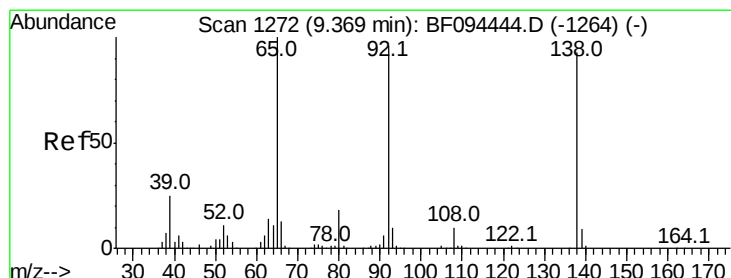
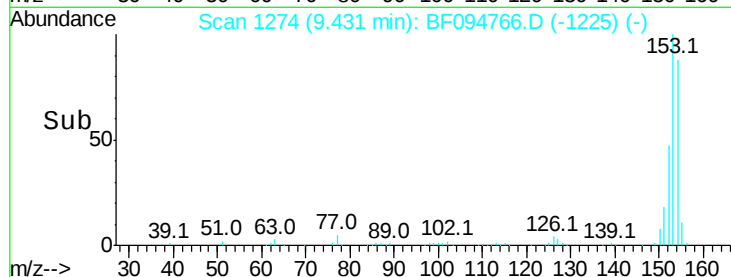
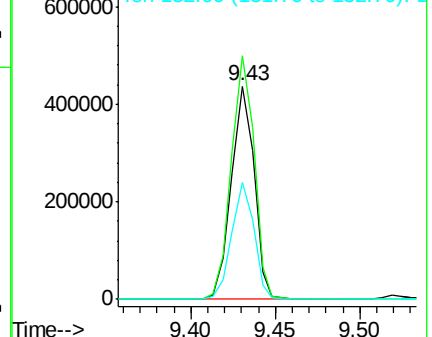
152 54.6 43.6 65.4



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: 37.98 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

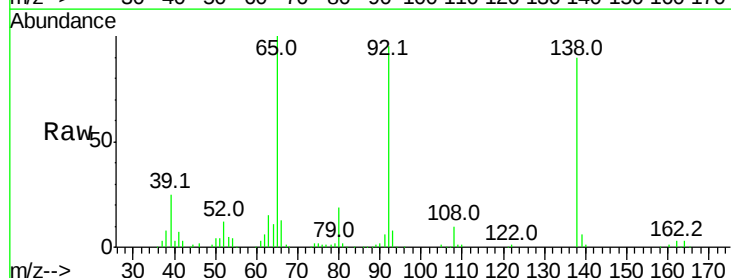
Tgt Ion:138 Resp: 129520

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

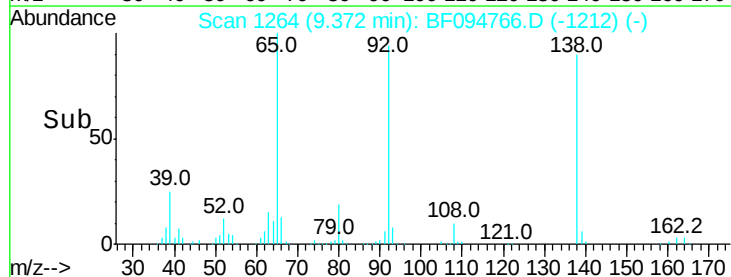
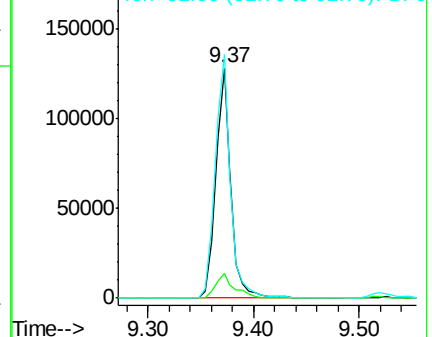
92 105.8 93.8 140.6

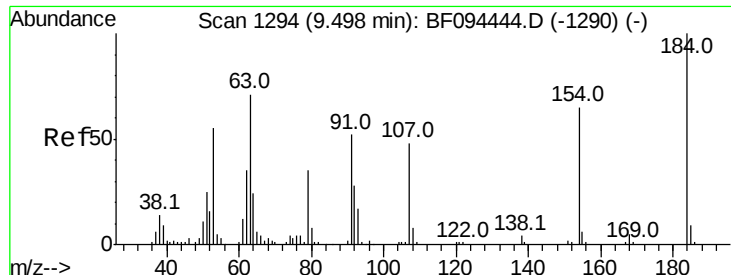


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

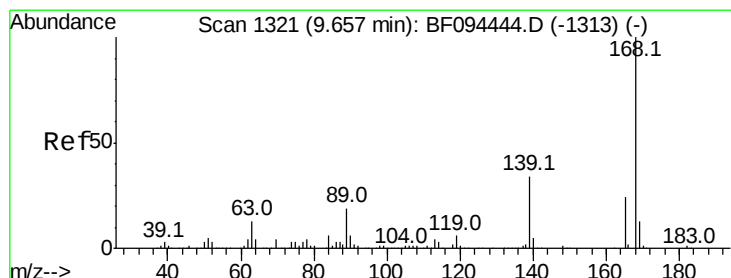
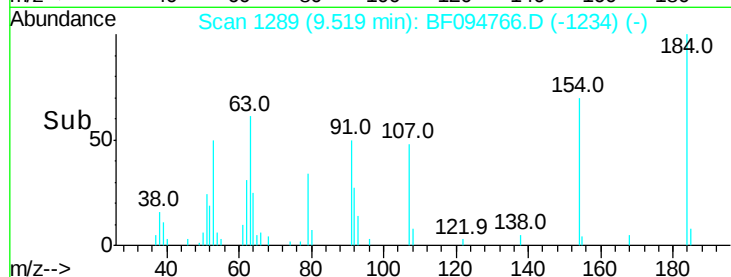
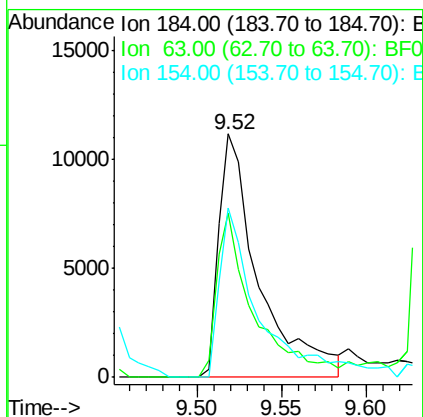
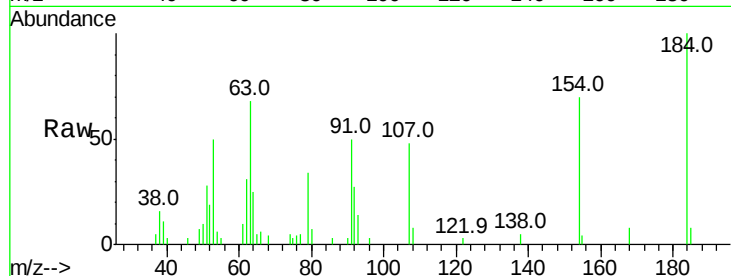




#53
 2,4-Dinitrophenol
 Concen: 16.44 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

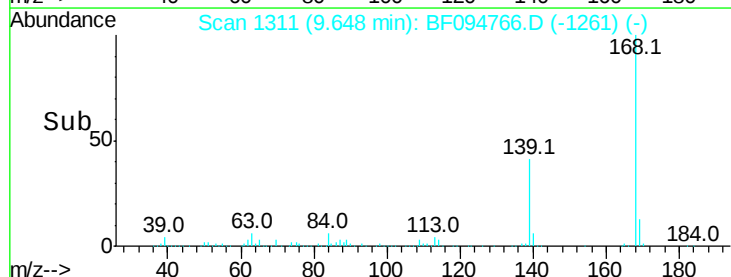
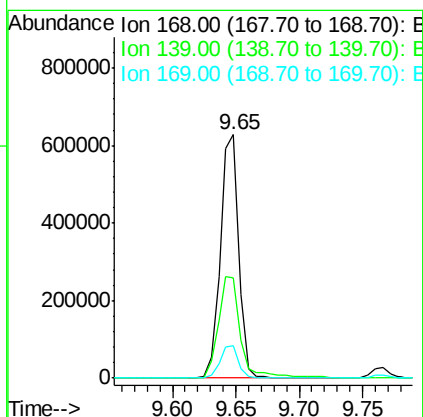
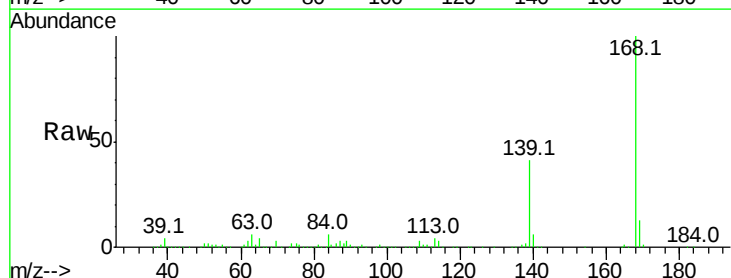
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

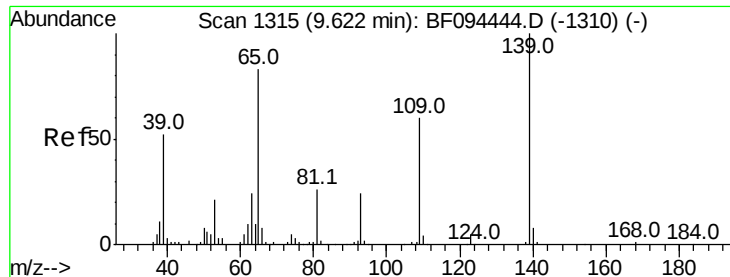
Tot Ion:184 Resp: 18411
 Ion Ratio Lower Upper
 184 100
 63 67.7 62.7 94.1
 154 69.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.92 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:168 Resp: 635746
 Ion Ratio Lower Upper
 168 100
 139 41.4 30.6 45.8
 169 13.4 10.8 16.2

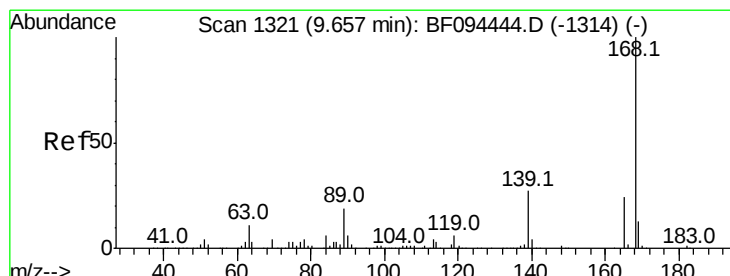
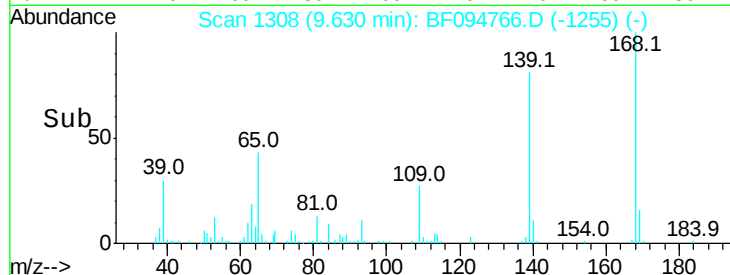
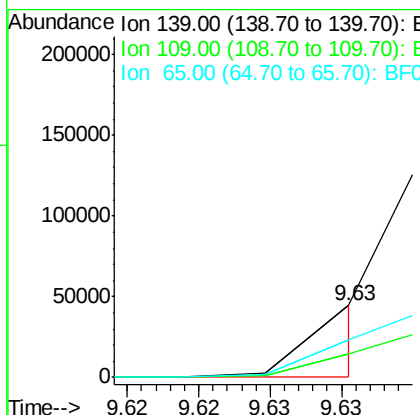
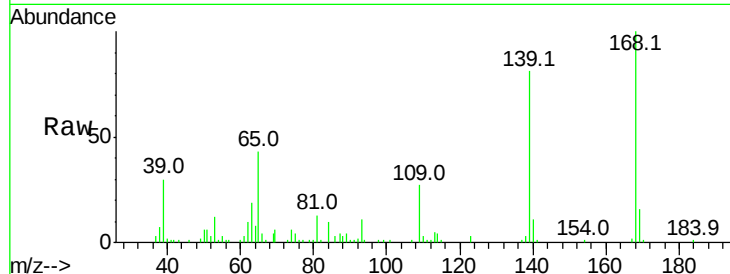




#55
4-Nitrophenol
Concen: 6.86 ng/ml
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

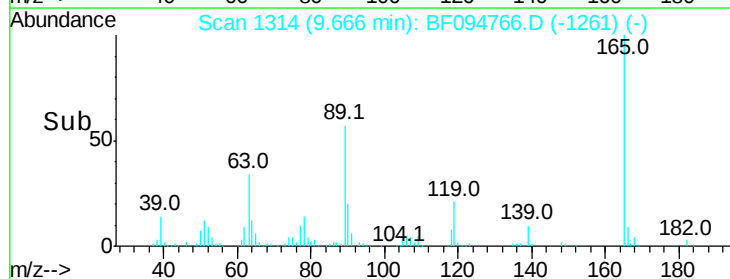
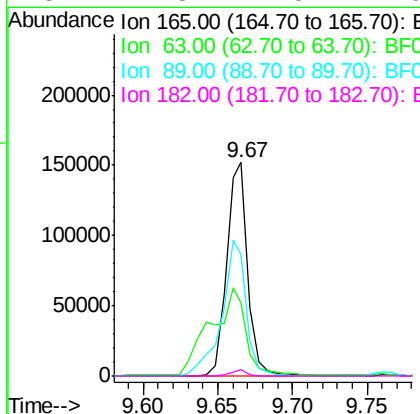
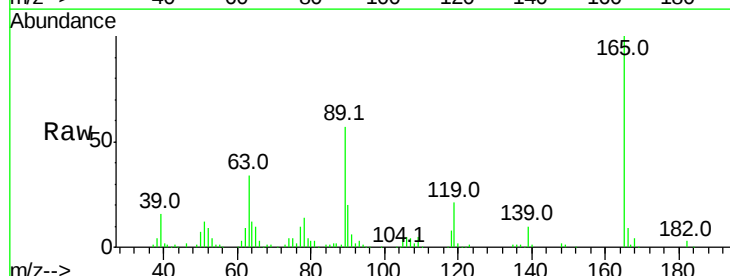
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 16539
Ion Ratio Lower Upper
139 100
109 32.8 34.1 74.1#
65 53.3 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 41.73 ng/ml
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:165 Resp: 150916
Ion Ratio Lower Upper
165 100
63 34.5 25.4 38.0
89 56.7 46.4 69.6
182 2.8 1.8 2.6#





#57

Fluorene

Concen: 39.90 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

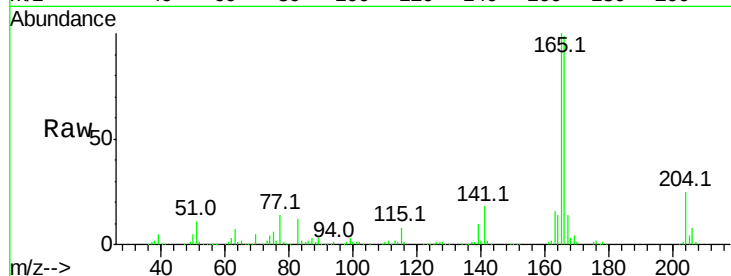
Tot Ion:166 Resp: 482713

Ion Ratio Lower Upper

166 100

165 101.0 78.8 118.2

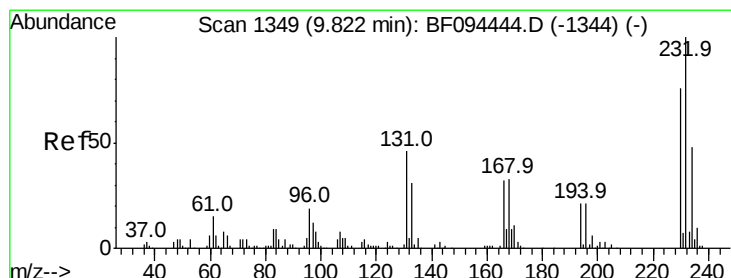
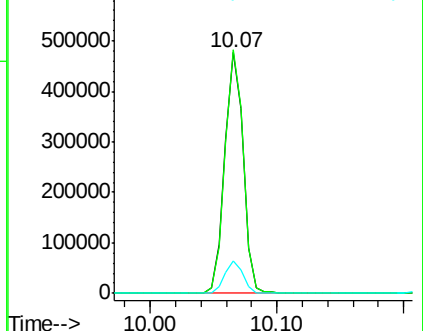
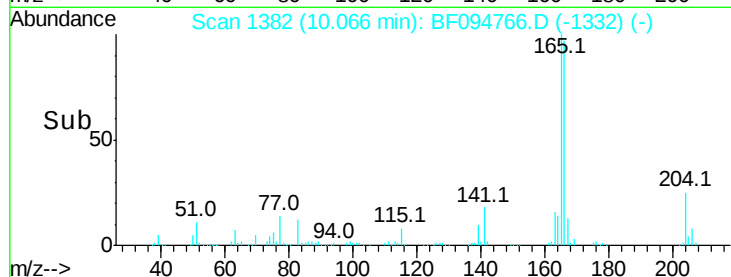
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.80 ng

RT: 9.82 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Tgt Ion:232 Resp: 105830

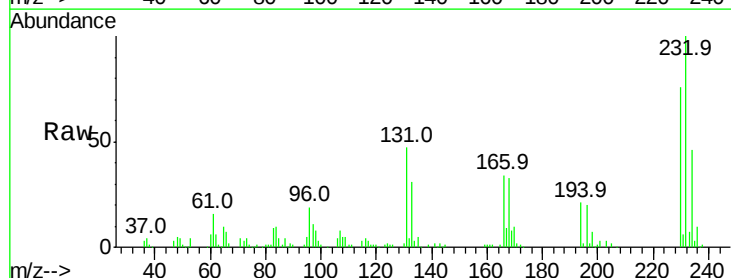
Ion Ratio Lower Upper

232 100

131 51.9 44.8 67.2

130 2.2 2.3 3.5#

166 35.9 29.0 43.4

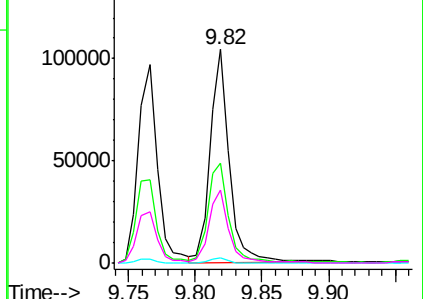
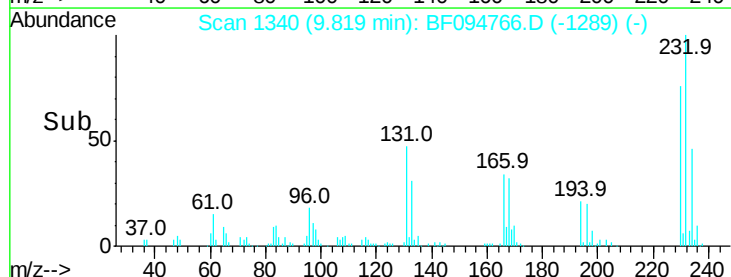


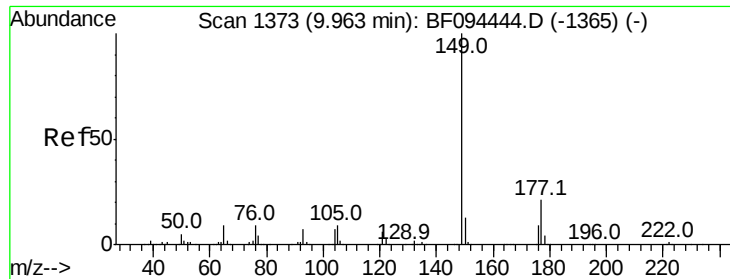
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

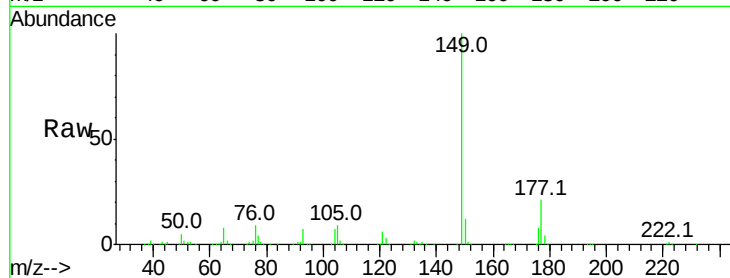




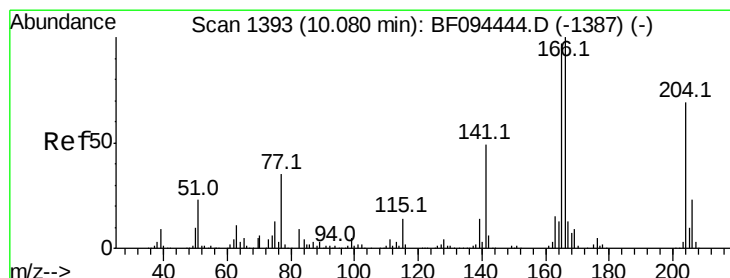
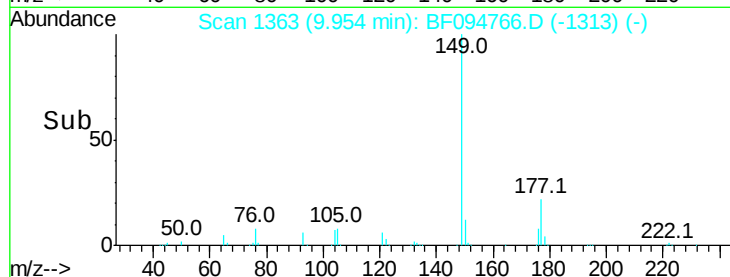
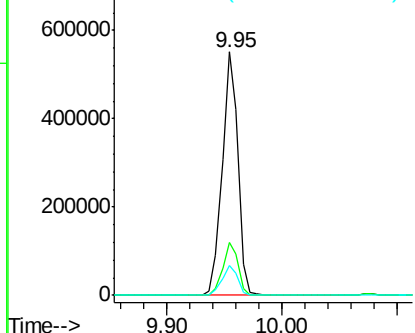
#59
Diethylphthalate
Concen: 42.04 ng
RT: 9.95 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 520892
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.4 10.2 15.2

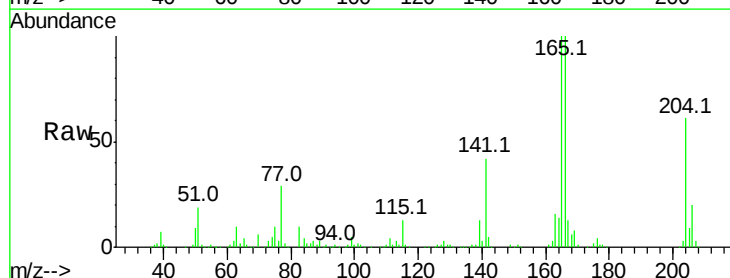


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

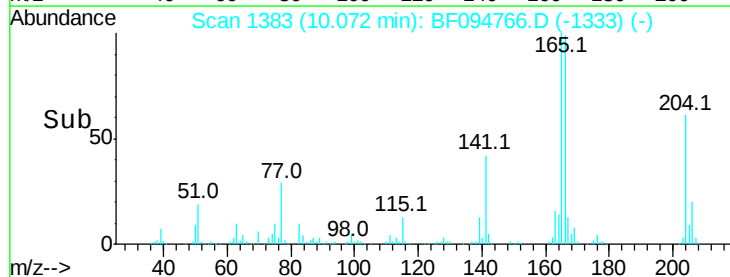
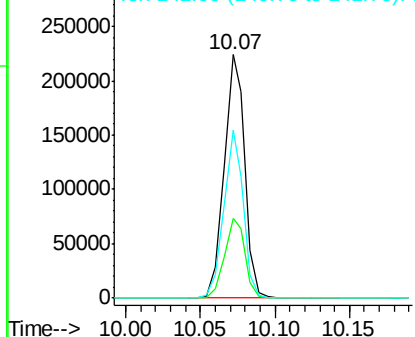


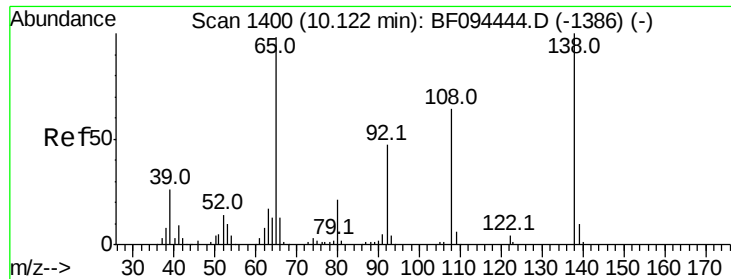
#60
4-Chlorophenyl-phenylether
Concen: 43.28 ng
RT: 10.07 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:204 Resp: 217909
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 68.9 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

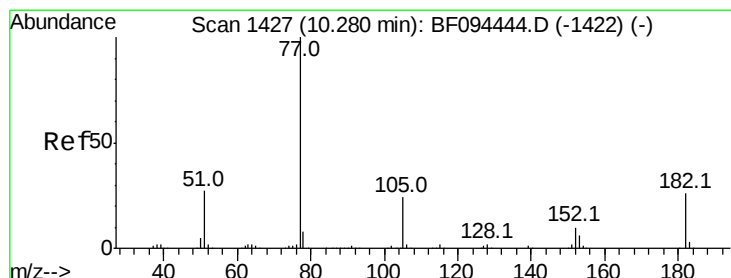
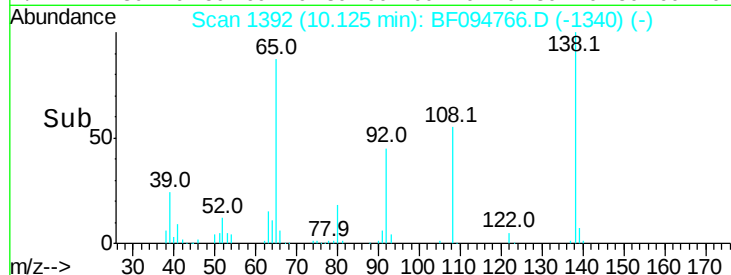
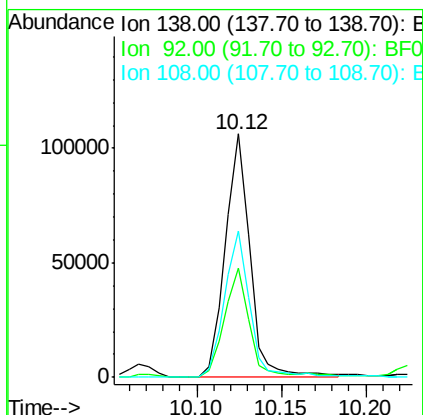
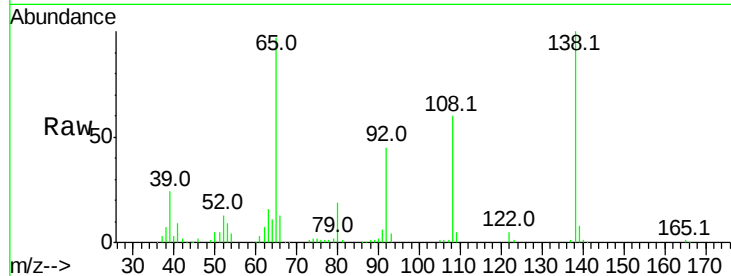




#61
4-Nitroaniline
Concen: 31.32 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

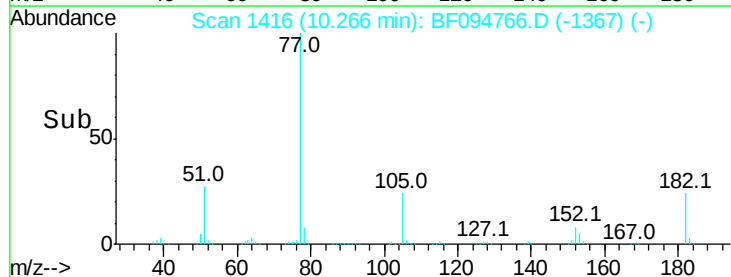
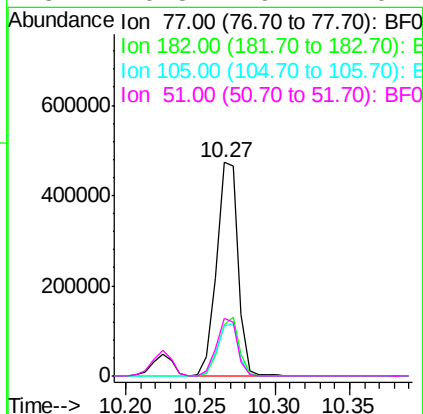
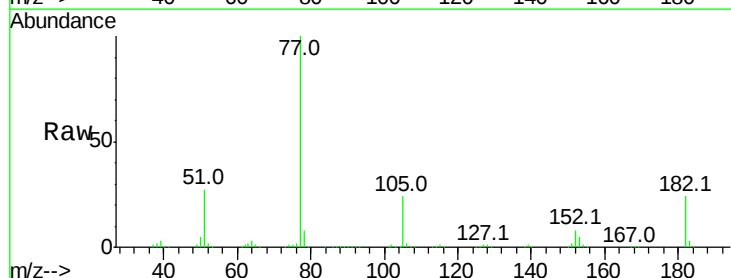
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

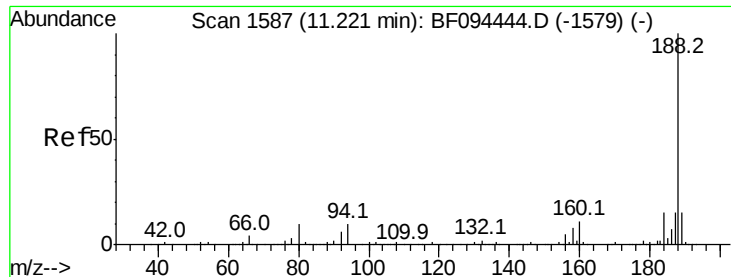
Tot Ion:138 Resp: 108571
Ion Ratio Lower Upper
138 100
92 44.6 21.8 61.8
108 60.3 42.3 82.3



#62
Azobenzene
Concen: 39.79 ng
RT: 10.27 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion: 77 Resp: 478691
Ion Ratio Lower Upper
77 100
182 23.9 0.1 40.1
105 23.6 3.6 43.6
51 26.8 9.4 49.4

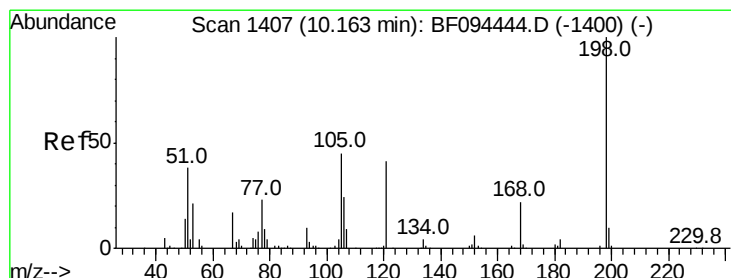
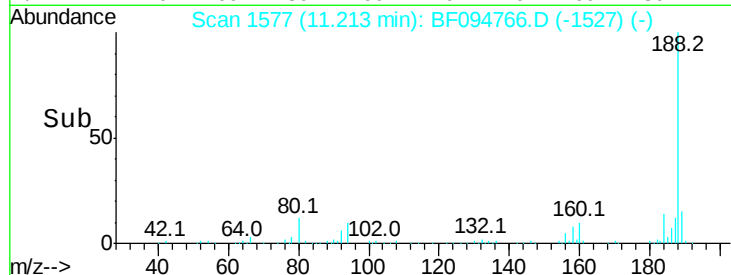
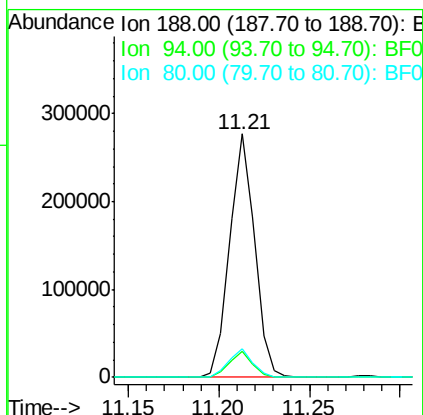
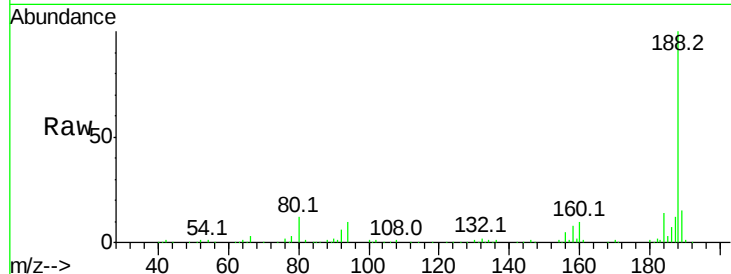




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

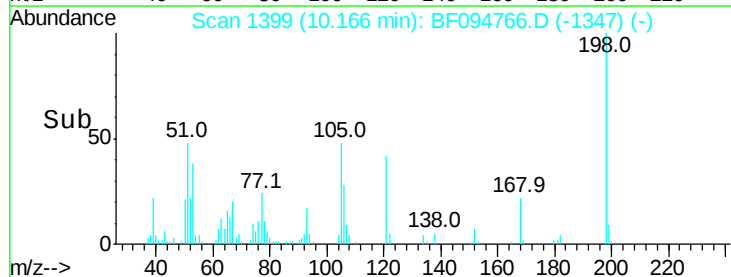
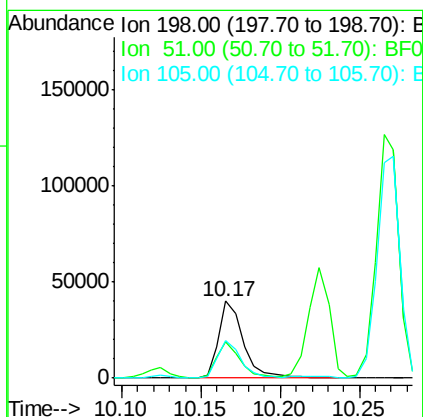
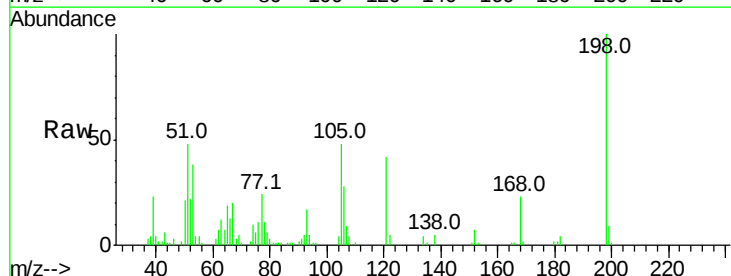
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

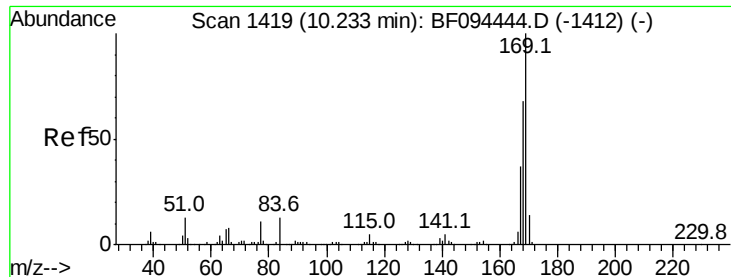
Tot Ion:188 Resp: 266678
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.68 ng
 RT: 10.17 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:198 Resp: 43123
 Ion Ratio Lower Upper
 198 100
 51 47.8 53.2 93.2#
 105 48.5 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 46.76 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

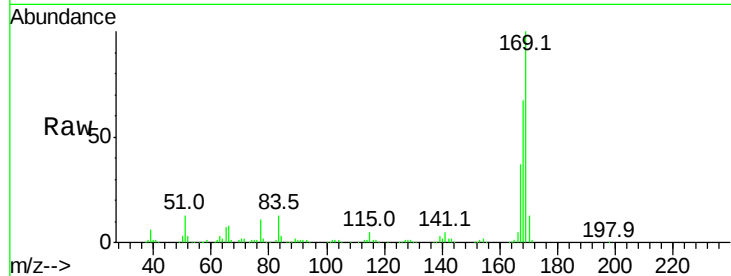
Tot Ion:169 Resp: 433654

Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

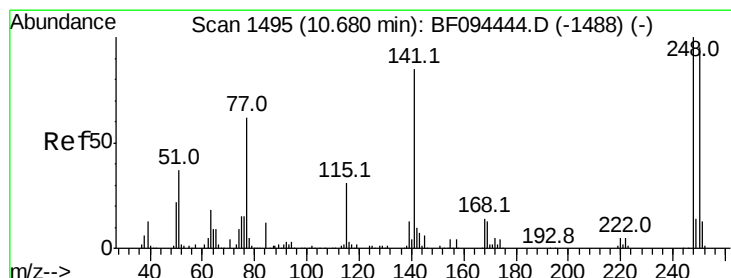
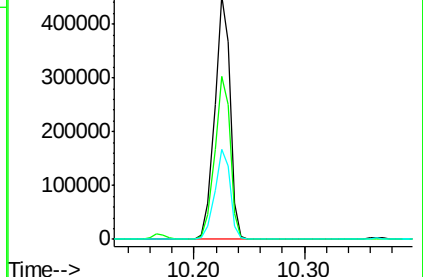
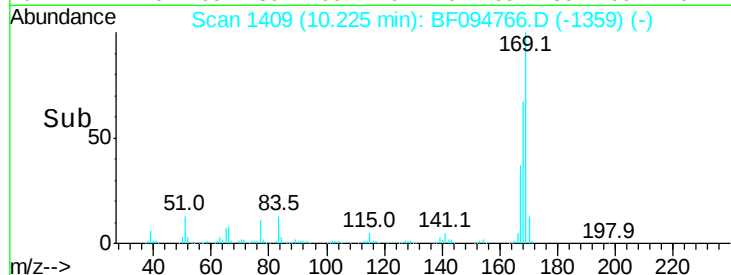
167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.47 ng

RT: 10.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

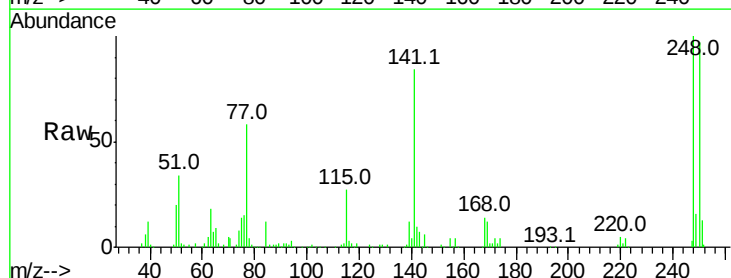
Tgt Ion:248 Resp: 125698

Ion Ratio Lower Upper

248 100

250 97.0 76.8 115.2

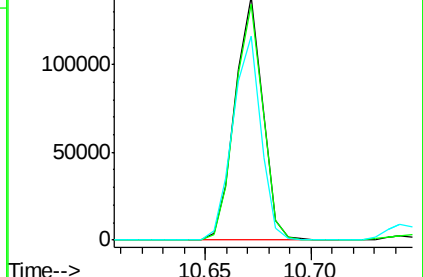
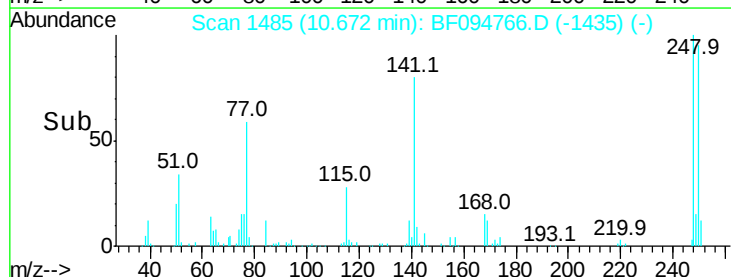
141 83.9 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

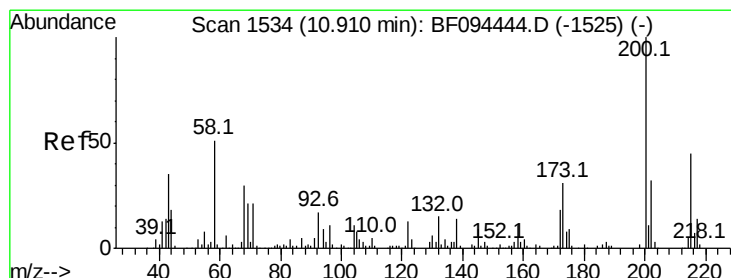
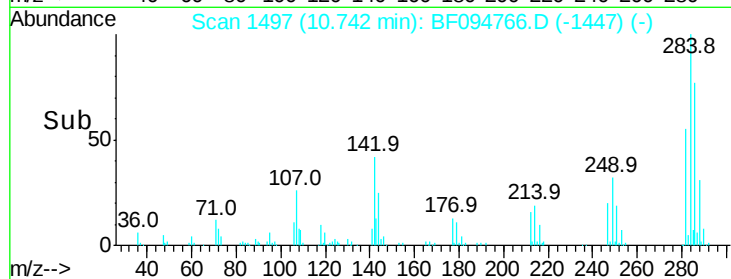
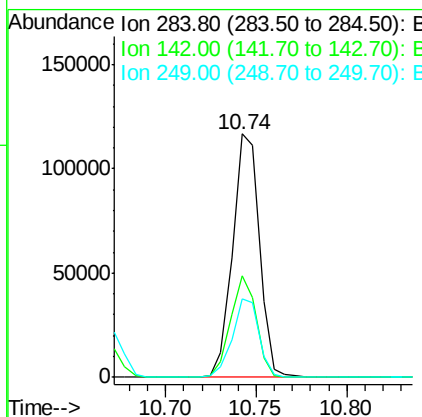
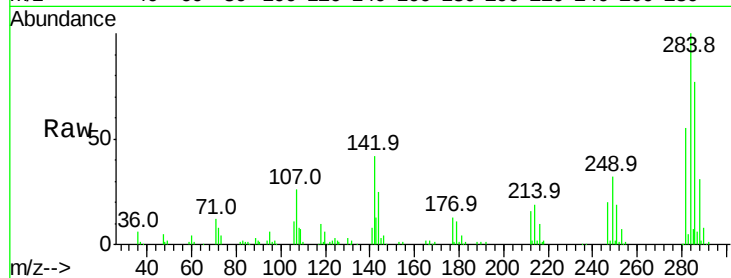




#67
 Hexachlorobenzene
 Concen: 45.10 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

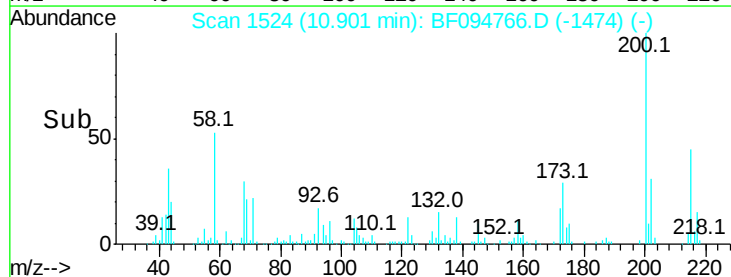
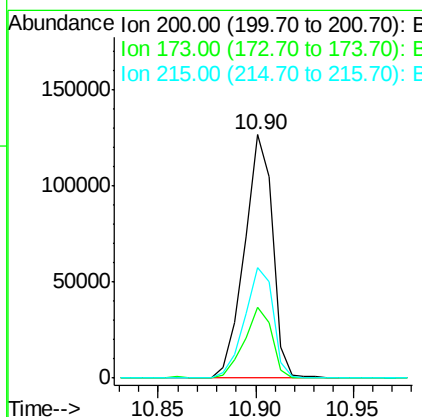
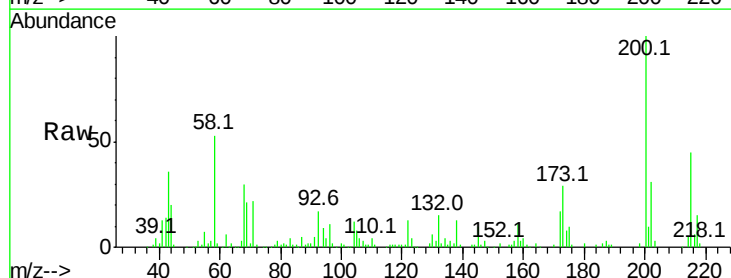
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

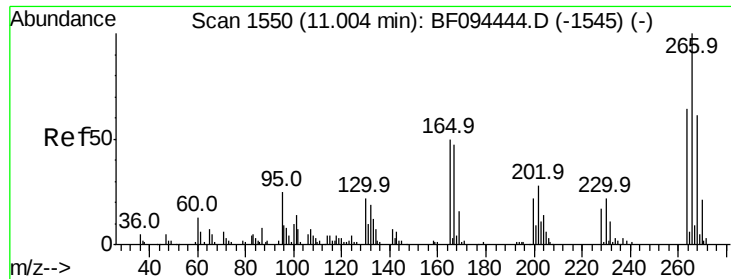
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.9	22.8	34.2#
249	32.4	24.0	36.0



#68
 Atrazine
 Concen: 45.83 ng
 RT: 10.90 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	6.3	46.3
215	45.1	27.2	67.2





#69

Pentachlorophenol

Concen: 49.03 ng

RT: 11.00 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

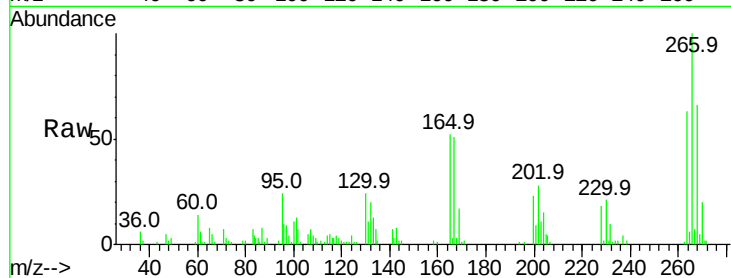
Tot Ion:266 Resp: 51958

Ion Ratio Lower Upper

266 100

268 65.7 51.1 76.7

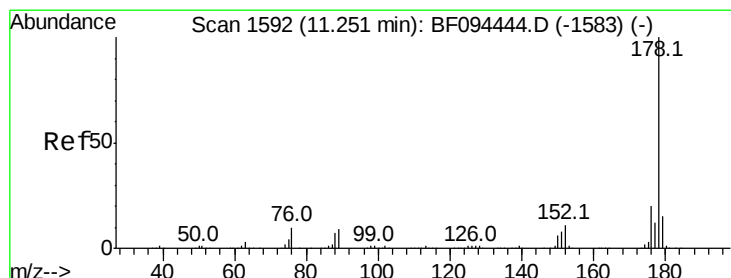
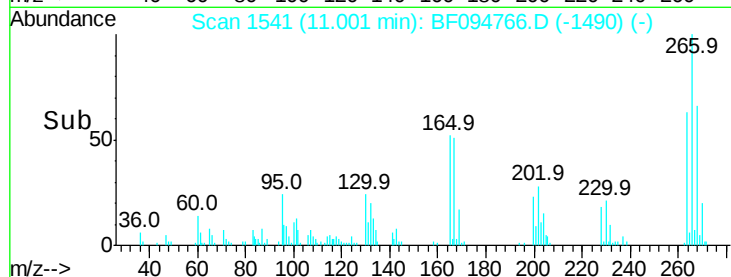
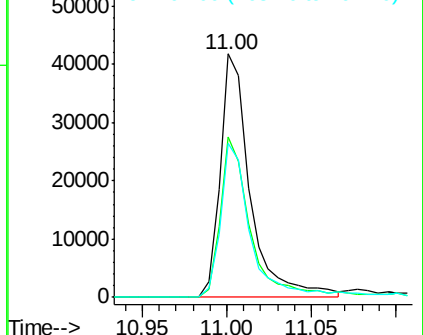
264 63.2 51.7 77.5



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: 41.52 ng

RT: 11.24 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

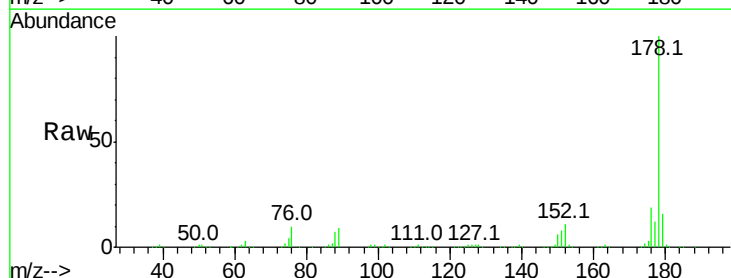
Tgt Ion:178 Resp: 623463

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.4

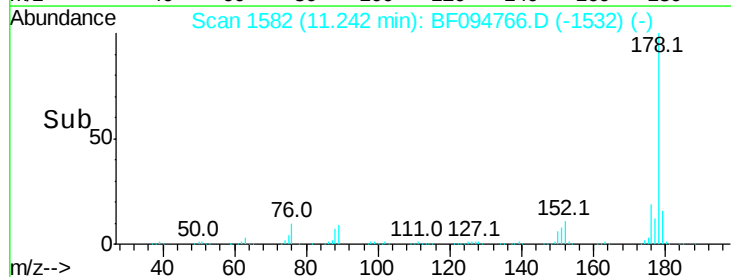
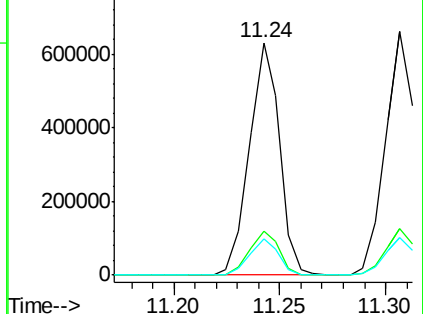
179 15.8 12.6 19.0

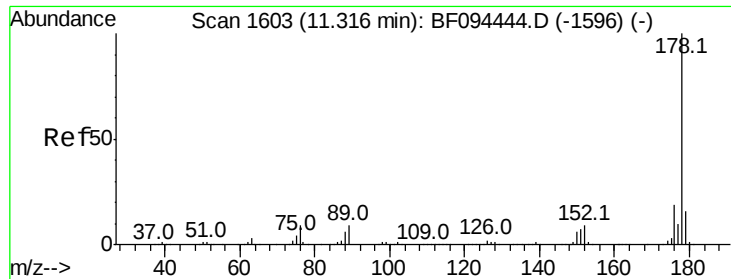


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

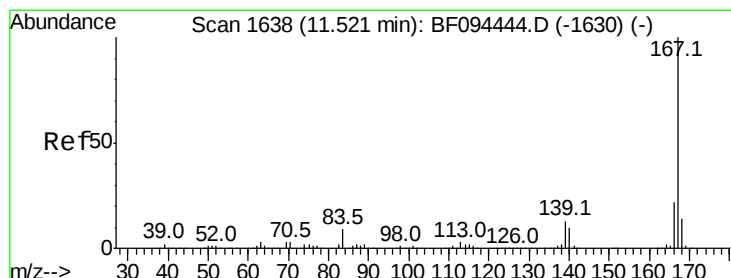
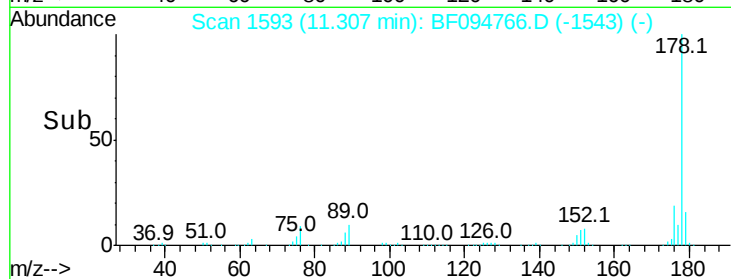
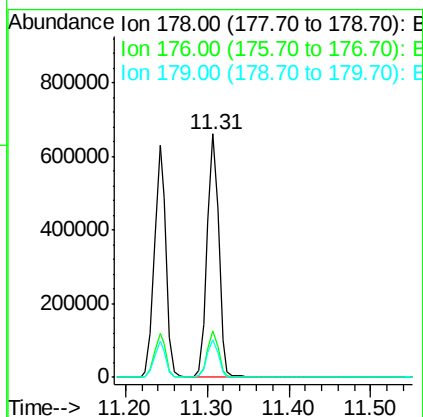
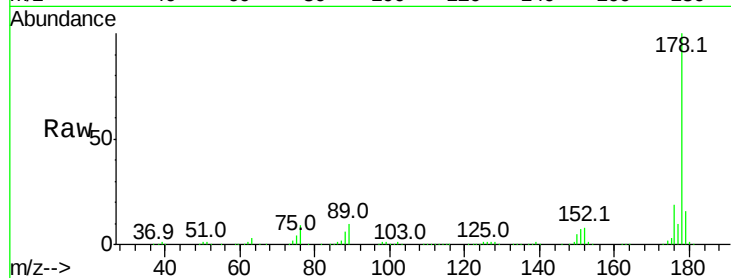




#71
 Anthracene
 Concen: 42.06 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

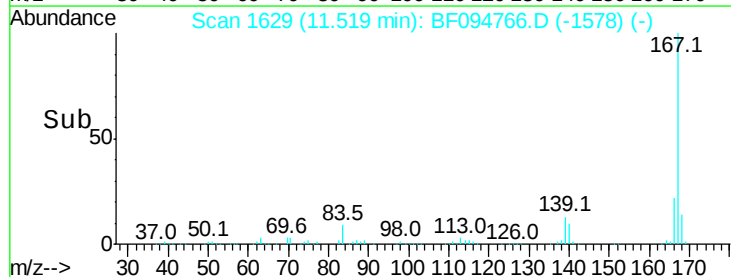
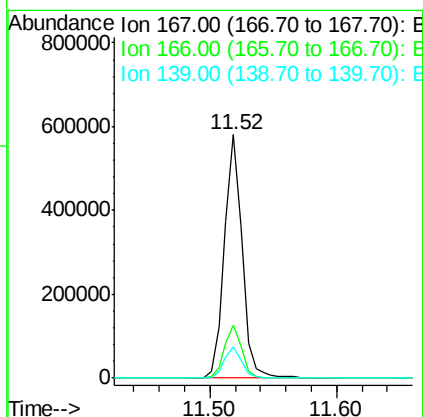
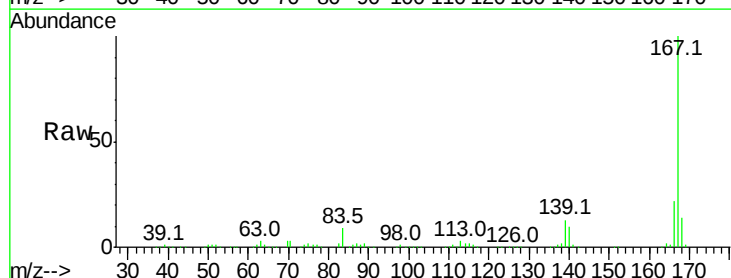
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

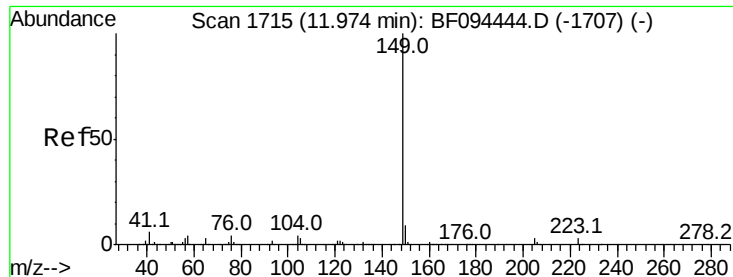
Tot Ion:178 Resp: 653332
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.88 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:167 Resp: 566937
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.63 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

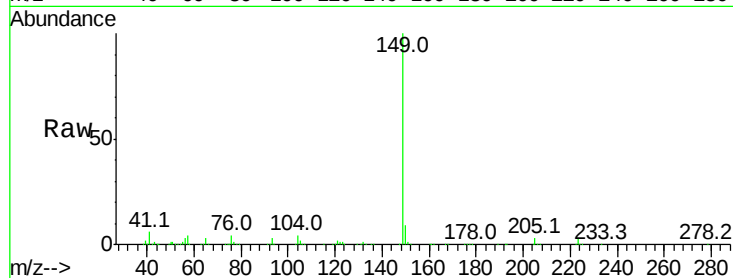
Tot Ion:149 Resp: 764609

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

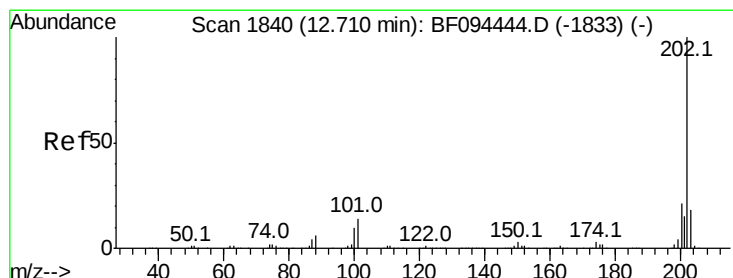
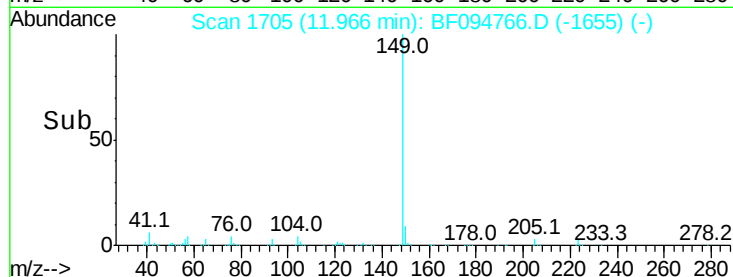
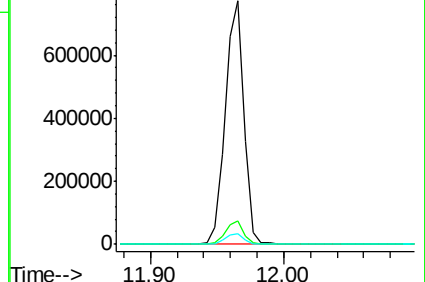
104 4.3 4.0 6.0



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: 38.66 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

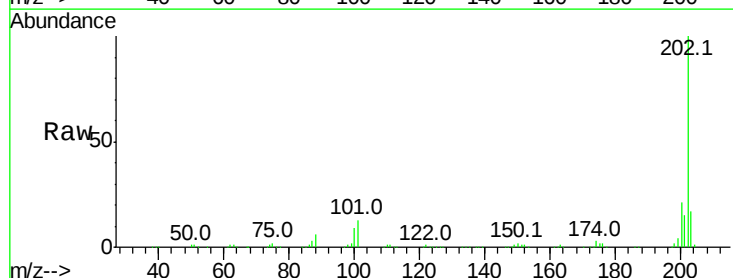
Tgt Ion:202 Resp: 601769

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

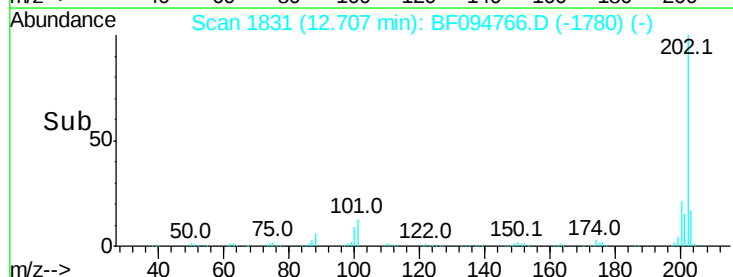
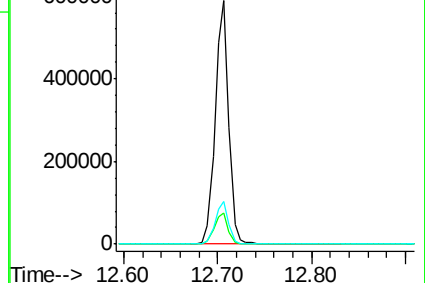
203 17.5 0.0 38.1

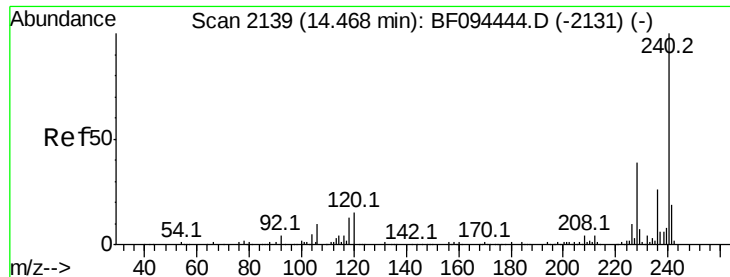


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

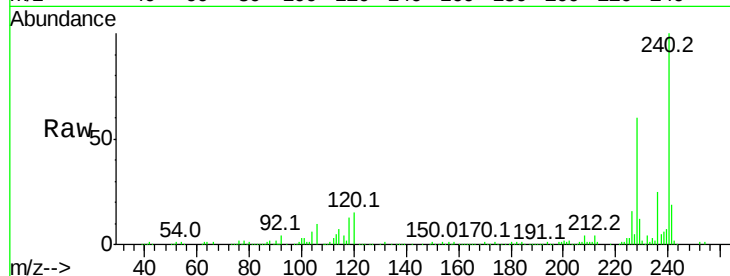




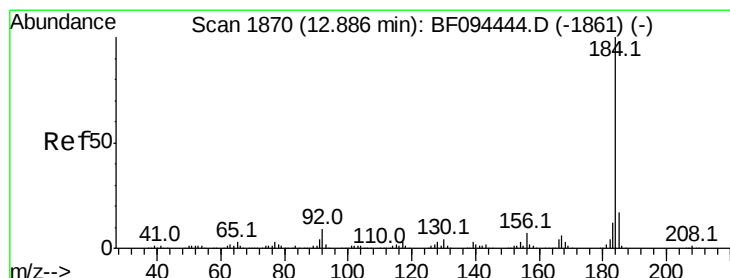
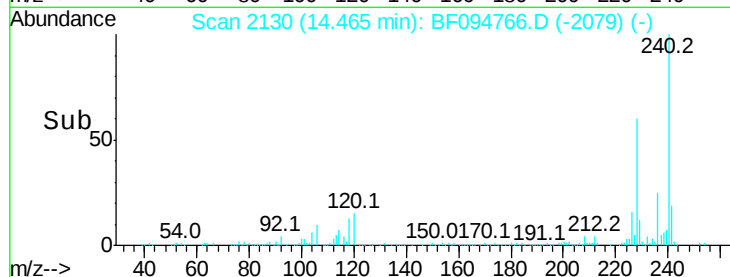
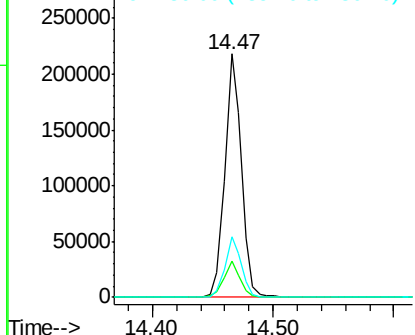
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:240 Resp: 206420
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 24.9 20.5 30.7

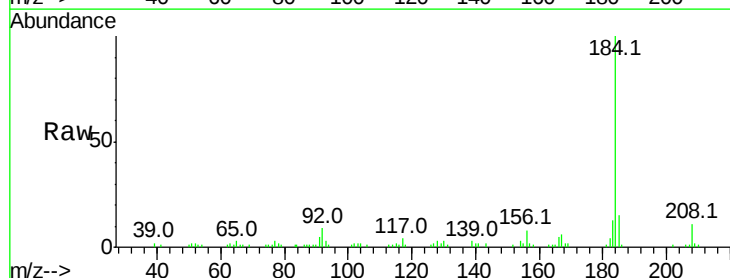


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

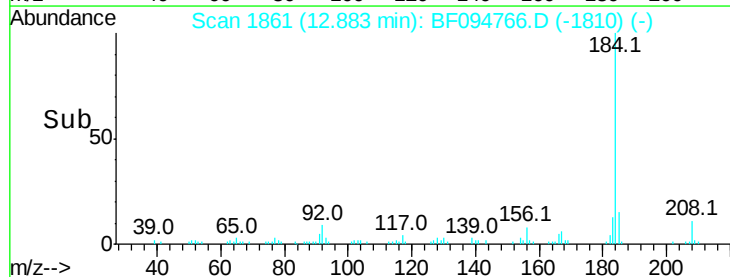
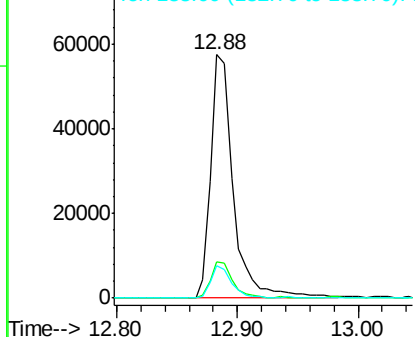


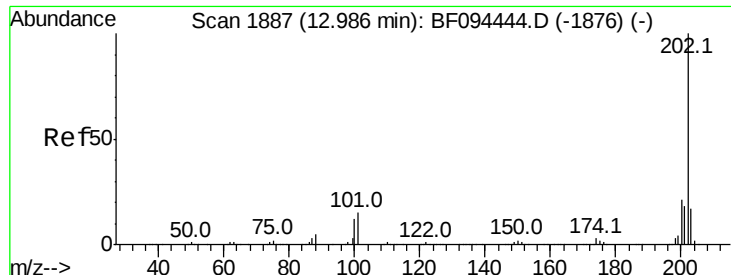
#76
 Benzidine
 Concen: 8.88 ng
 RT: 12.88 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:184 Resp: 74229
 Ion Ratio Lower Upper
 184 100
 185 14.9 15.5 23.3#
 183 13.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

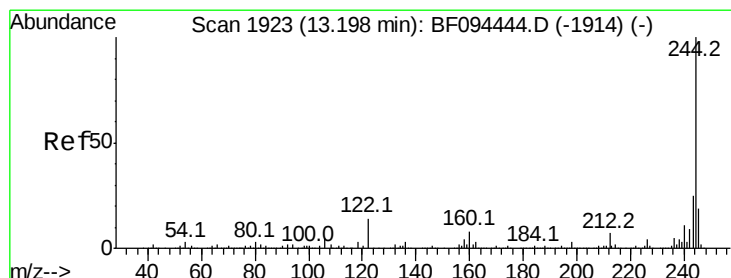
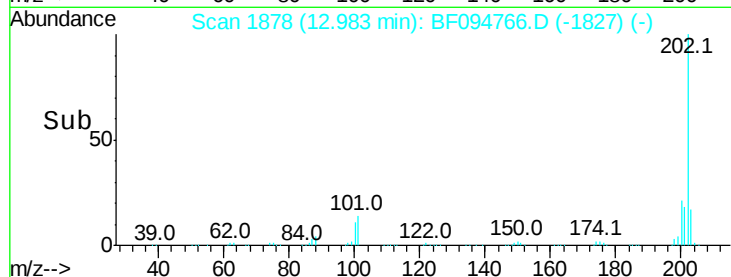
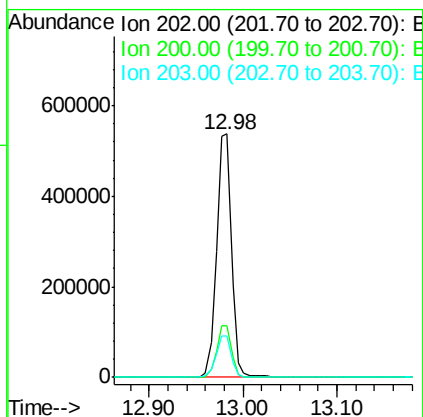
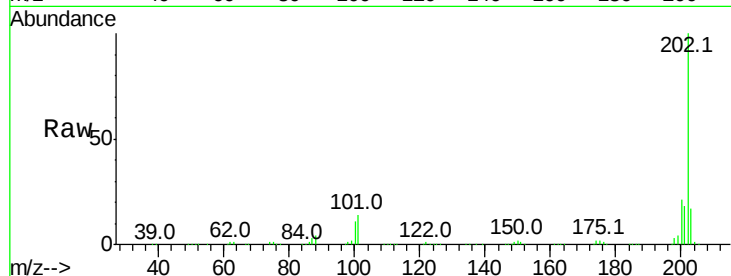




#77
Pvrene
Concen: 41.71 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

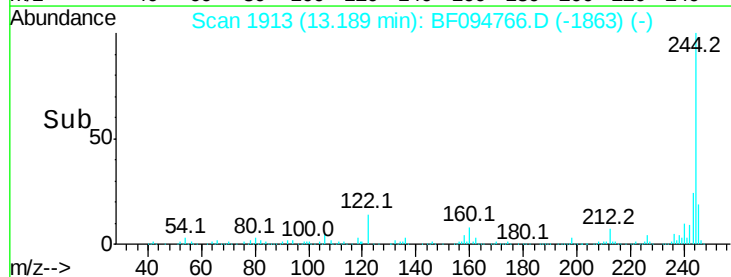
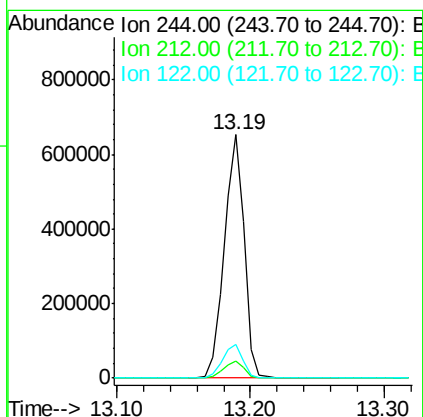
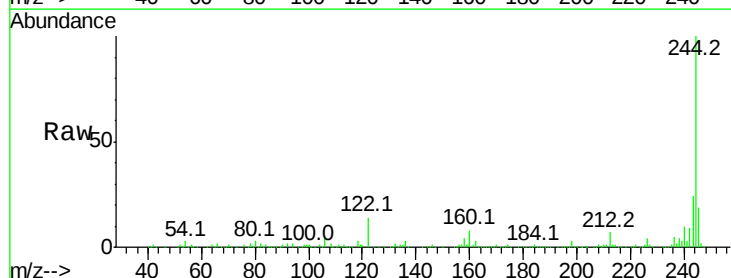
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

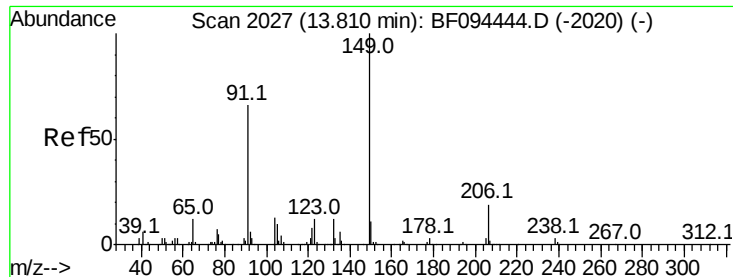
Tot Ion:202 Resp: 601500
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.1 14.4 21.6



#78
Terphenyl-d14
Concen: 89.00 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:244 Resp: 687312
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.1 10.3 15.5

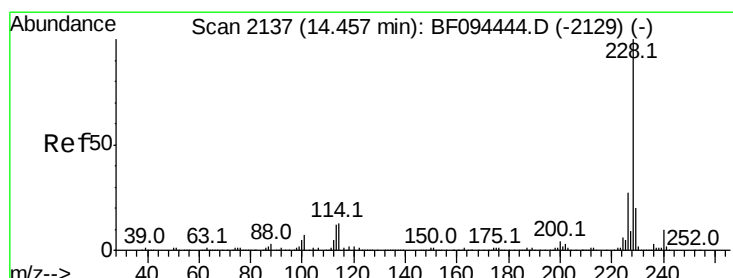
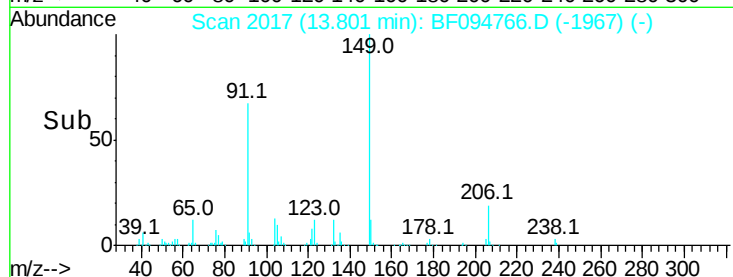
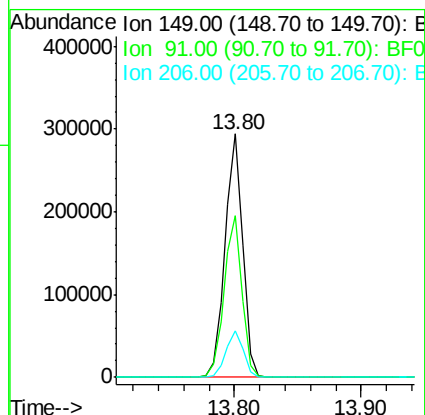
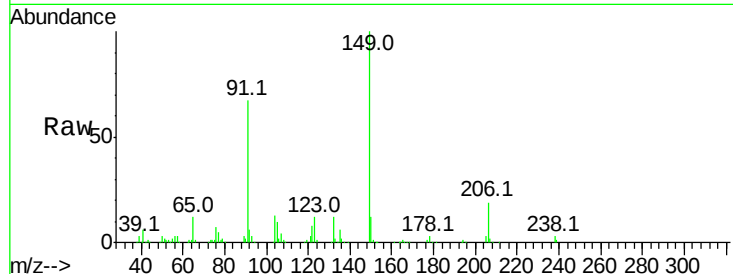




#79
Butylbenzylphthalate
Concen: 45.31 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

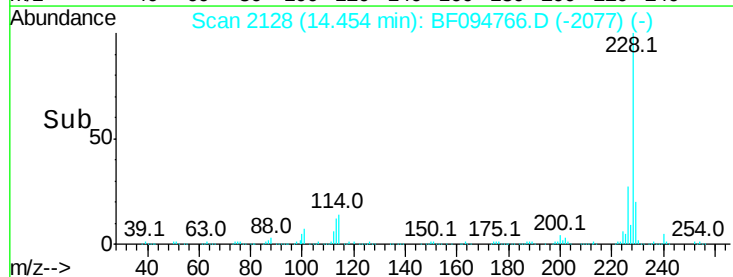
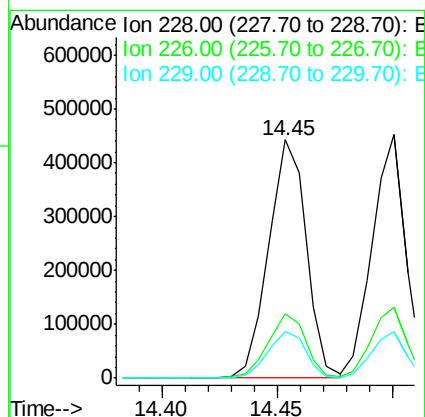
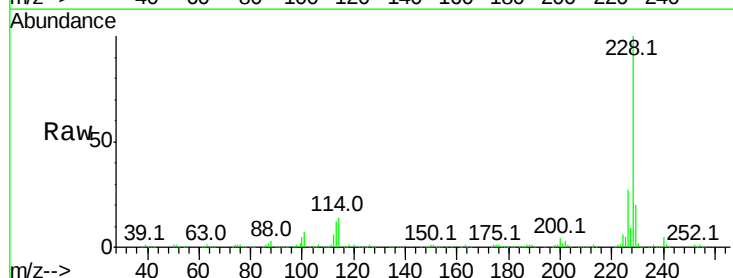
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 286370
Ion Ratio Lower Upper
149 100
91 66.7 45.0 67.4
206 18.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 41.71 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:228 Resp: 500418
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.5 16.3 24.5

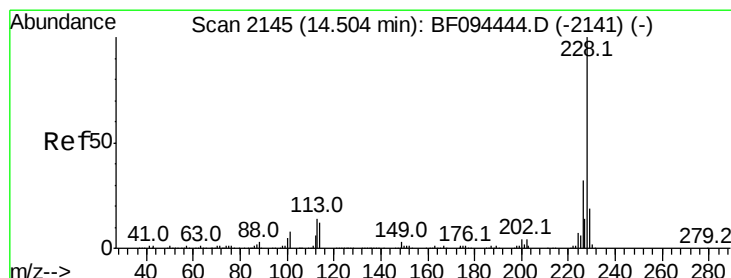
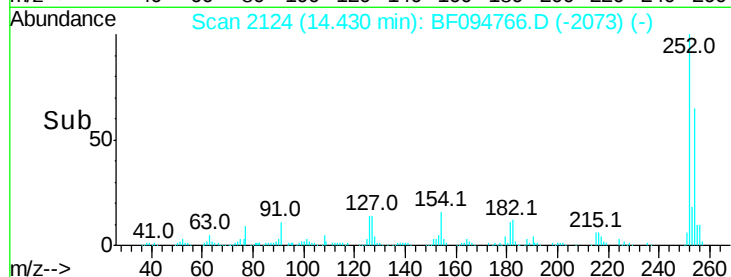
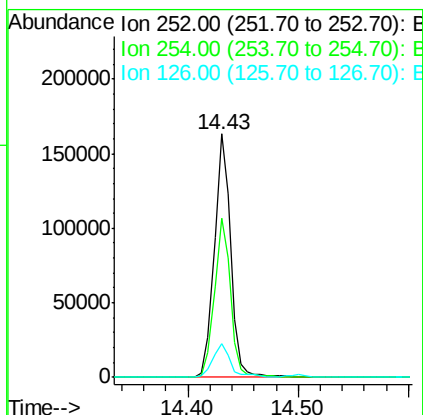
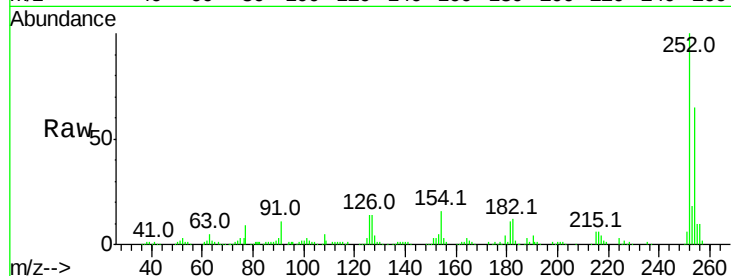




#81
 3,3'-Dichlorobenzidine
 Concen: 39.22 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

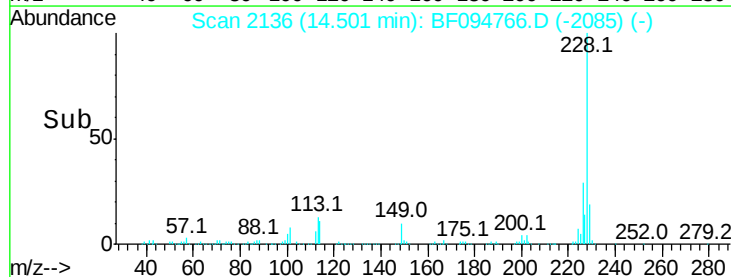
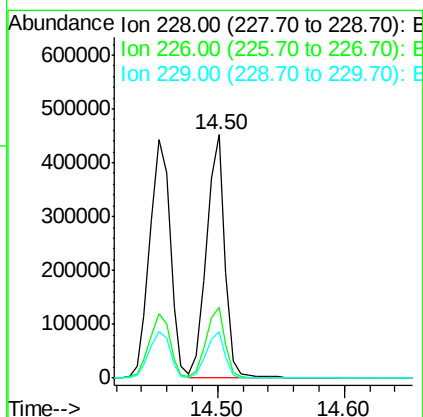
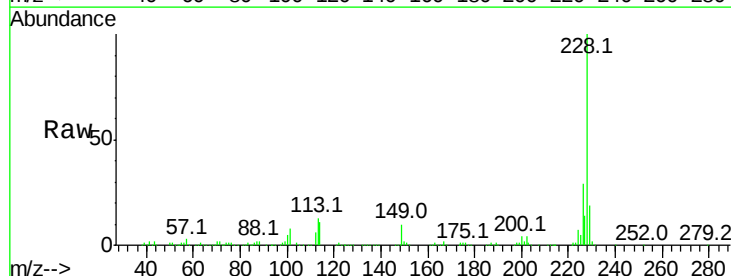
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

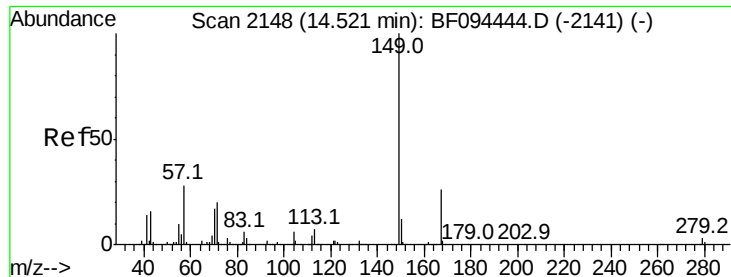
Tot Ion:252 Resp: 166592
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.5 77.3
 126 13.9 15.8 23.8#



#82
 Chrysene
 Concen: 41.73 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:228 Resp: 457561
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.9 37.3
 229 18.9 15.8 23.6

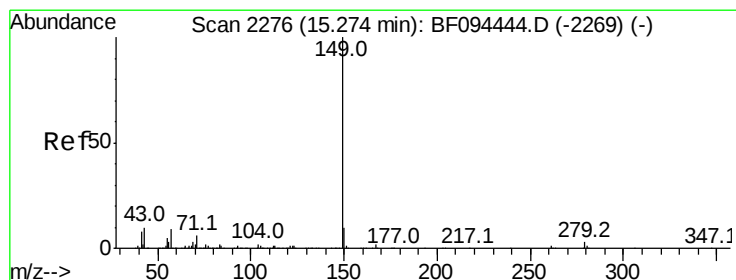
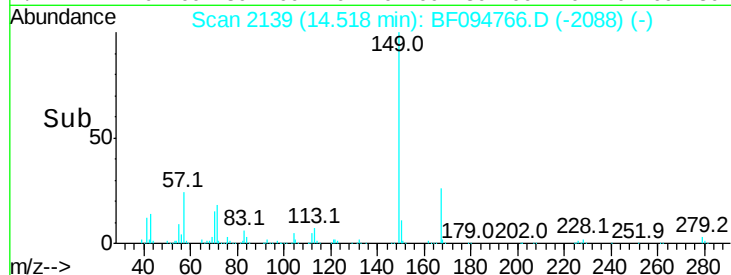
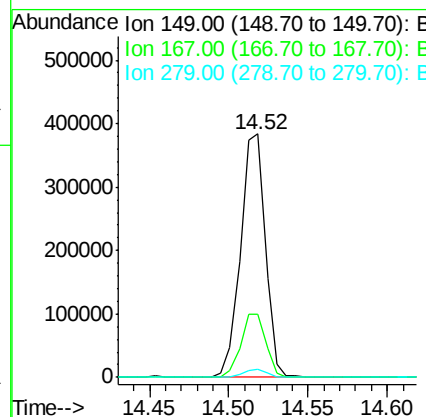
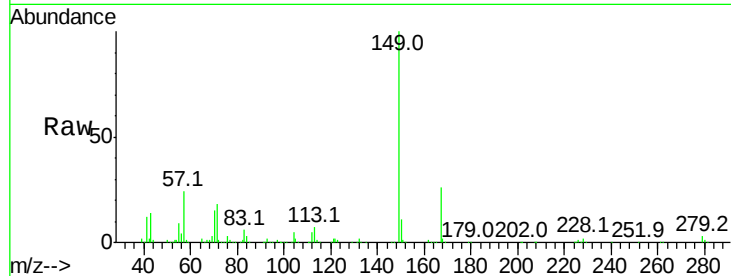




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.18 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

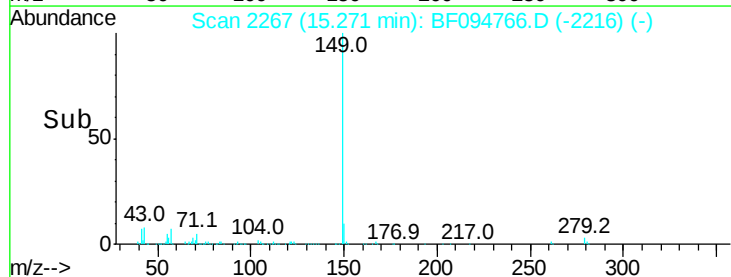
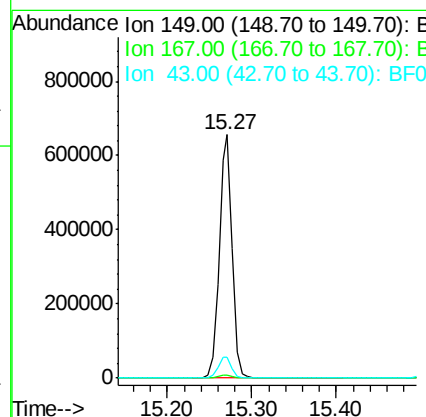
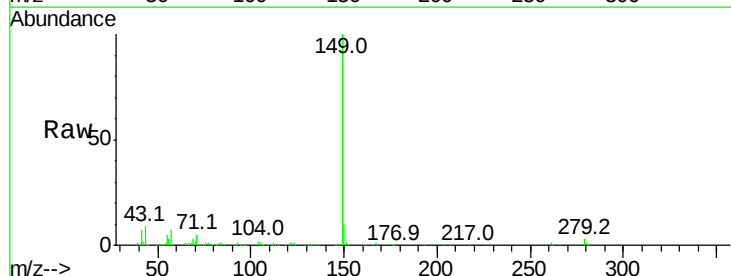
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

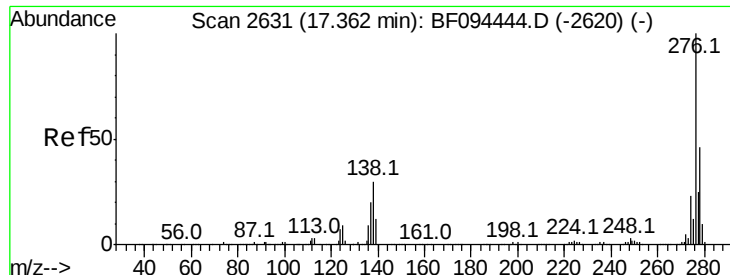
Tot Ion:149 Resp: 417320
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 50.00 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:149 Resp: 711666
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7

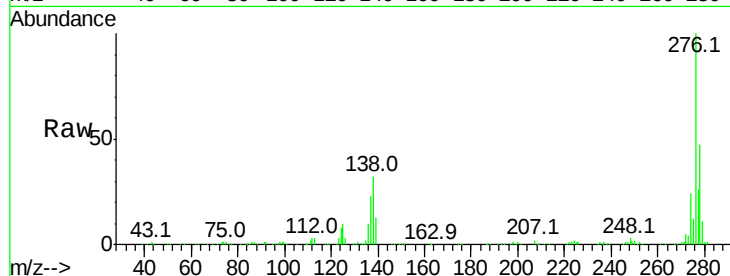




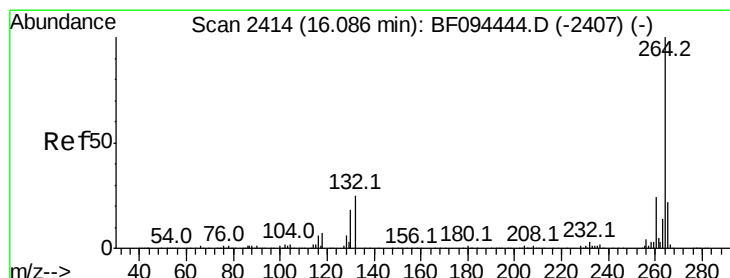
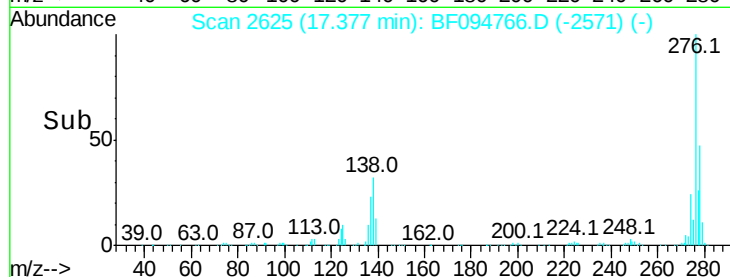
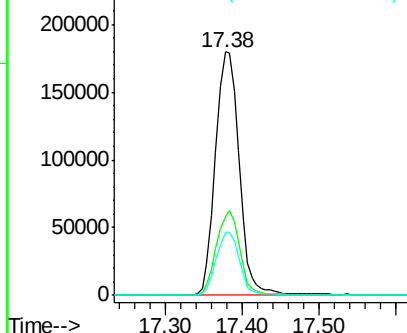
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.18 ng
 RT: 17.38 min Scan# 2625
 Delta R.T. 0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 387847
 Ion Ratio Lower Upper
 276 100
 138 34.2 27.8 41.6
 277 25.3 20.2 30.4

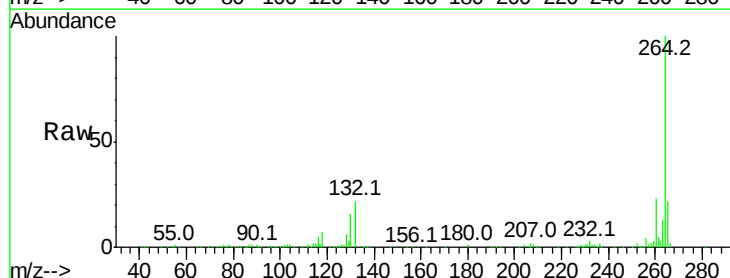


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

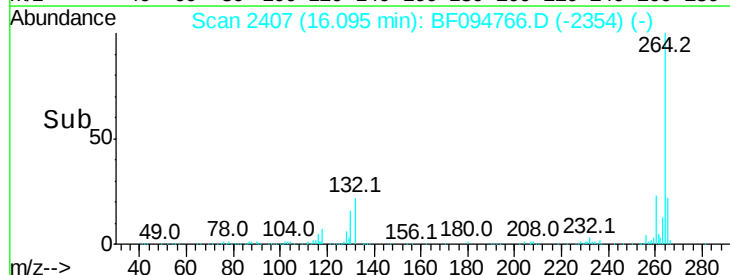
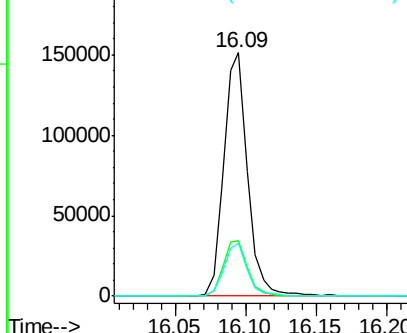


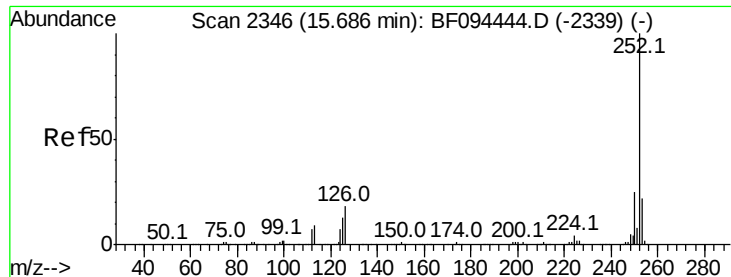
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:264 Resp: 176266
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.95 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

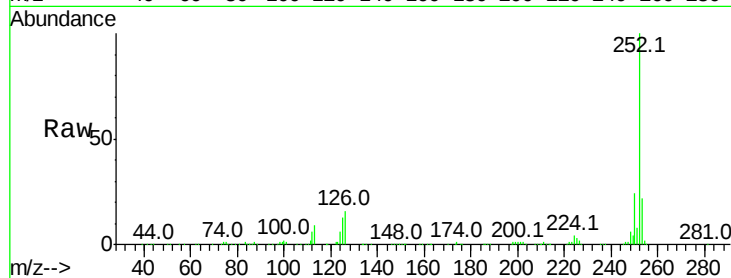
Tot Ion:252 Resp: 430787

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

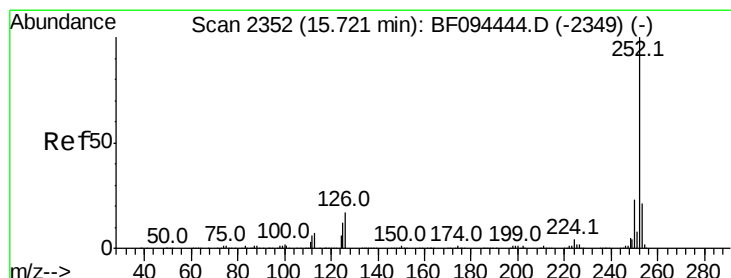
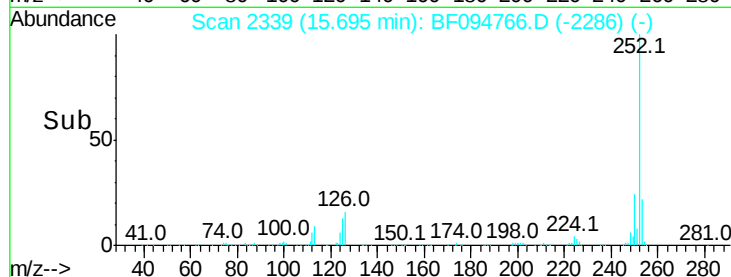
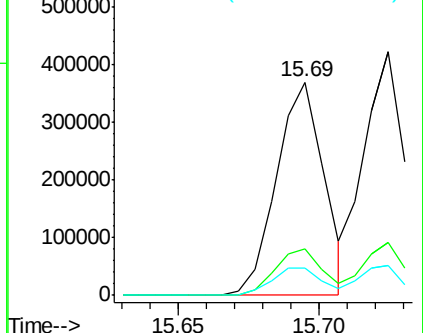
125 12.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.87 ng

RT: 15.72 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

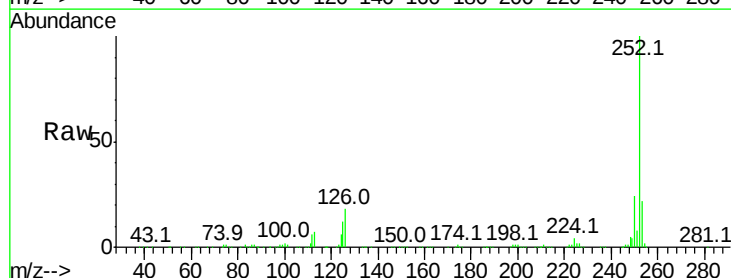
Tgt Ion:252 Resp: 437471

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

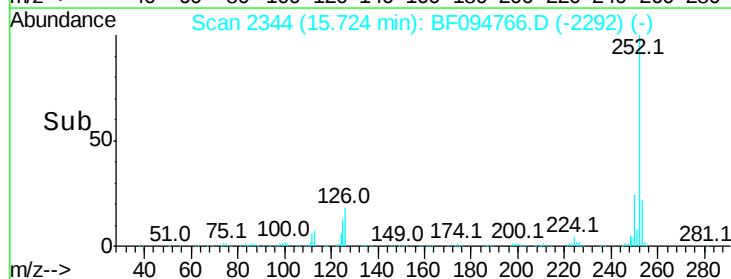
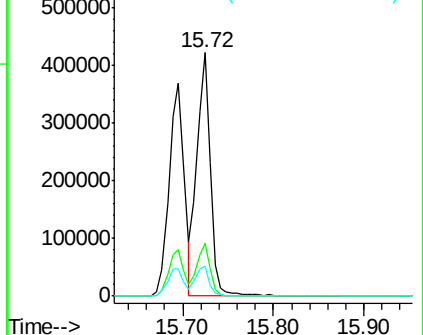
125 12.2 13.1 19.7#

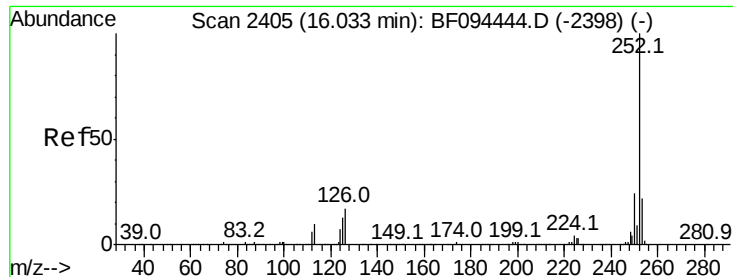


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

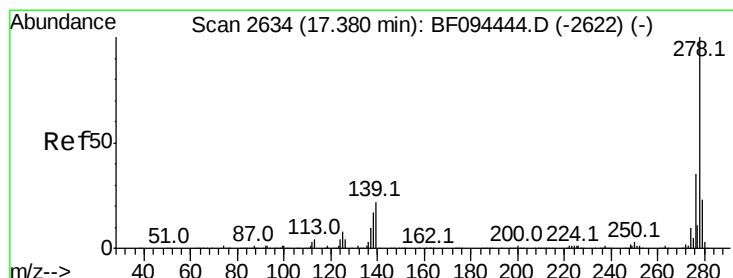
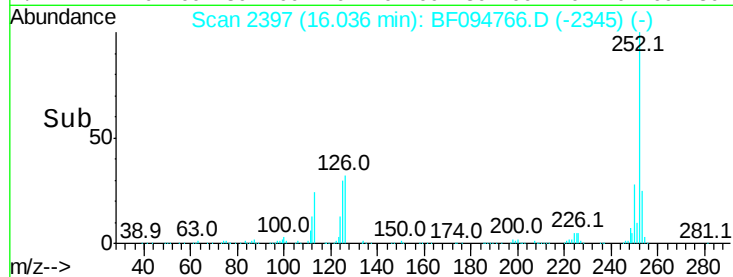
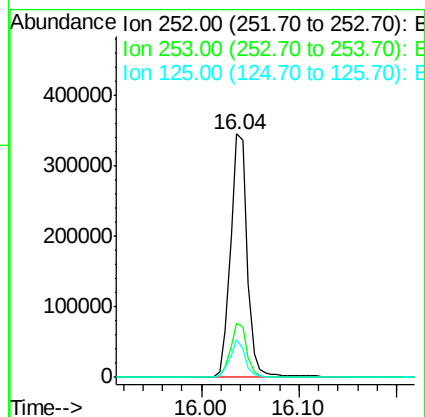
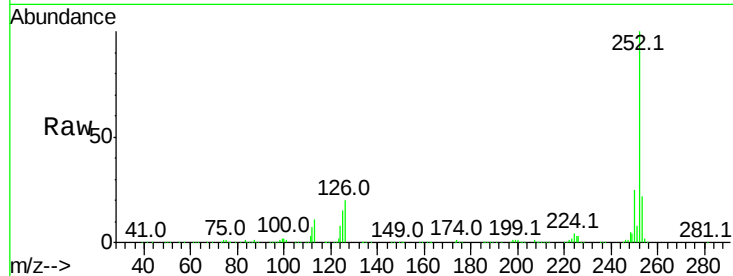




#89
Benzo(a)pyrene
Concen: 40.81 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

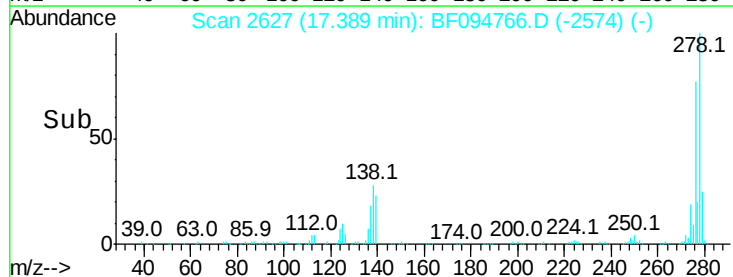
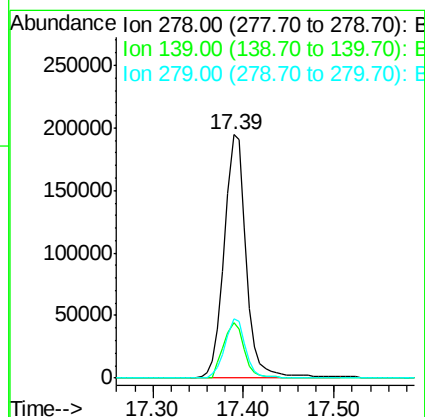
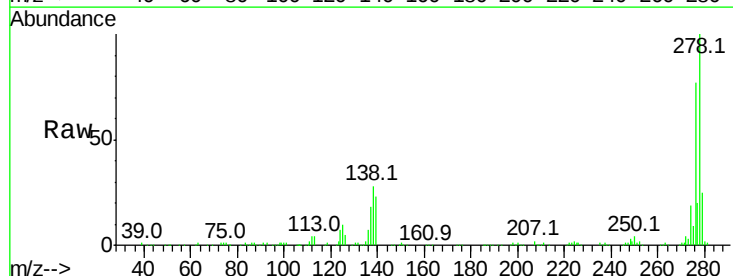
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

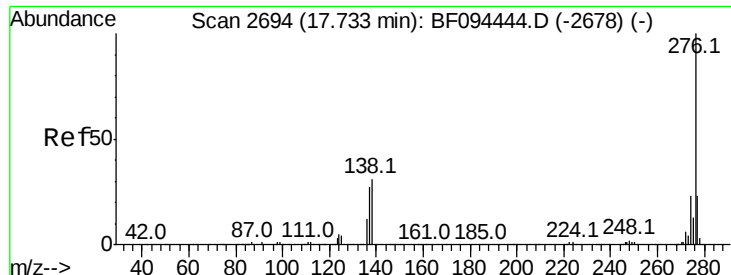
Tot Ion:252 Resp: 409354
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 15.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 39.21 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:278 Resp: 326643
Ion Ratio Lower Upper
278 100
139 22.7 16.6 24.8
279 24.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.16 ng

RT: 17.75 min Scan# 2689

Delta R.T. 0.02 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

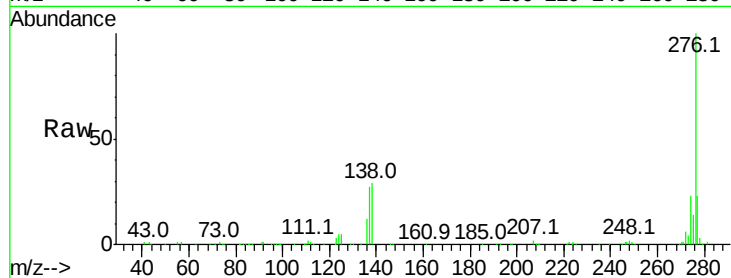
Tot Ion:276 Resp: 323636

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 29.2 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

