

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094623.D
 Acq On : 26 Apr 2017 00:39
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:28:57 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	5.75	152	142364	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	542370	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	210065	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	326946	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	287438	20.00	ng	0.00
86) Perylene-d12	16.08	264	207244	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	667484	77.79	ng	0.00
7) Phenol-d6	5.38	99	767740	75.89	ng	0.00
23) Nitrobenzene-d5	6.41	82	695681	79.20	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	117464	71.49	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1198372	83.94	ng	-0.01
78) Terphenyl-d14	13.18	244	826234	76.83	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.04	88	187601	37.59	ng	94
3) Pyridine	2.57	79	410957	37.68	ng	98
4) n-Nitrosodimethylamine	2.53	42	167085	37.02	ng	89
6) Aniline	5.38	93	498878	37.11	ng	91
8) 2-Chlorophenol	5.52	128	378340	38.75	ng	96
9) Benzaldehyde	5.25	77	343168	44.59	ng	99
10) Phenol	5.40	94	465453	37.45	ng	94
11) bis(2-Chloroethyl)ether	5.47	93	349195	38.46	ng	98
12) 1,3-Dichlorobenzene	5.69	146	410281	37.93	ng	98
13) 1,4-Dichlorobenzene	5.77	146	419554	38.55	ng	97
14) 1,2-Dichlorobenzene	5.95	146	383804	38.28	ng	96
15) Benzyl Alcohol	5.94	79	273358	36.43	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.08	45	462081	38.82	ng	55
17) 2-Methylphenol	6.08	107	294654	38.31	ng	94
18) Hexachloroethane	6.34	117	110015	29.49	ng	90
19) n-Nitroso-di-n-propylamine	6.25	70	261621	39.03	ng	93
20) 3+4-Methylphenols	6.26	107	406597	38.91	ng	# 63
22) Acetophenone	6.23	105	535350	40.59	ng	# 85
24) Nitrobenzene	6.43	77	368711	39.86	ng	92
25) Isophorone	6.72	82	655312	40.25	ng	96
26) 2-Nitrophenol	6.80	139	154113	31.01	ng	97
27) 2,4-Dimethylphenol	6.88	122	310267	38.44	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	424591	40.31	ng	100
29) 2,4-Dichlorophenol	7.11	162	290203	38.65	ng	98
30) 1,2,4-Trichlorobenzene	7.19	180	300967	38.77	ng	98
31) Naphthalene	7.28	128	1002295	38.44	ng	100
32) Benzoic acid	7.05	122	113385	26.56	ng	91
33) 4-Chloroaniline	7.35	127	427988	39.46	ng	# 93
34) Hexachlorobutadiene	7.43	225	153073	39.55	ng	96
35) Caprolactam	7.81	113	89526	37.95	ng	95
36) 4-Chloro-3-methylphenol	7.98	107	282466	35.89	ng	90
37) 2-Methylnaphthalene	8.12	142	673193	37.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	262593	43.90	ng	98
40) Hexachlorocyclopentadiene	8.31	237	7293	3.01	ng	97

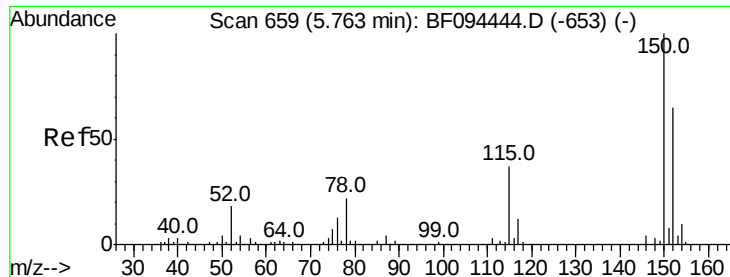
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094623.D
 Acq On : 26 Apr 2017 00:39
 Operator : SJ/MA
 Sample : SSTDC0040
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Quant Time: Apr 26 01:28:57 2017
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 Quant Title : ASP BNA STANDARDS 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)
42) 2,4,6-Trichlorophenol	8.48	196	169303	40.30	nq	98
43) 2,4,5-Trichlorophenol	8.54	196	174201	40.38	nq	# 93
45) 1,1'-Biphenyl	8.69	154	741247	43.19	nq	98
46) 2-Chloronaphthalene	8.71	162	566024	41.48	nq	96
47) 2-Nitroaniline	8.85	65	170256	43.37	nq	# 86
48) Acenaphthylene	9.21	152	829664	39.00	nq	99
49) Dimethylphthalate	9.08	163	691508	44.17	nq	99
50) 2,6-Dinitrotoluene	9.15	165	132780	37.79	nq	93
51) Acenaphthene	9.42	154	501712	39.37	nq	99
52) 3-Nitroaniline	9.36	138	170121	41.85	nq	87
53) 2,4-Dinitrophenol	9.51	184	1327	6.40	nq	# 59
54) Dibenzofuran	9.64	168	739164	39.91	nq	99
55) 4-Nitrophenol	9.64	139	382239	133.09	nq	# 33
56) 2,4-Dinitrotoluene	9.65	165	156302	36.25	nq	96
57) Fluorene	10.06	166	540640	37.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	111977	36.22	nq	# 94
59) Diethylphthalate	9.95	149	632011	42.79	nq	100
60) 4-Chlorophenyl-phenylether	10.07	204	244398	40.72	nq	95
61) 4-Nitroaniline	10.11	138	157793	38.18	nq	95
62) Azobenzene	10.26	77	555529	38.74	nq	96
65) n-Nitrosodiphenylamine	10.22	169	502556	44.20	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	140027	43.13	nq	97
67) Hexachlorobenzene	10.74	284	130334	39.84	nq	# 81
68) Atrazine	10.90	200	122952	36.14	nq	95
69) Pentachlorophenol	11.00	266	52382	40.32	nq	98
70) Phenanthrene	11.24	178	712538	38.70	nq	98
71) Anthracene	11.30	178	734933	38.59	nq	98
72) Carbazole	11.51	167	696400	38.96	nq	98
73) Di-n-butylphthalate	11.96	149	879047	44.66	nq	99
74) Fluoranthene	12.70	202	744840	39.03	nq	98
76) Benzidine	12.88	184	414663	35.63	nq	# 94
77) Pyrene	12.97	202	763779	38.03	nq	99
79) Butylbenzylphthalate	13.79	149	363466	41.30	nq	88
80) Benzo(a)anthracene	14.45	228	649913	38.90	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	250860	42.42	nq	# 97
82) Chrysene	14.49	228	594939	38.97	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	520910	44.08	nq	# 99
84) Di-n-octyl phthalate	15.27	149	889555	44.88	nq	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	442203	30.44	nq	99
87) Benzo(b)fluoranthene	15.69	252	535124	42.21	nq	100
88) Benzo(k)fluoranthene	15.72	252	504239	42.03	nq	# 95
89) Benzo(a)pyrene	16.03	252	477336	40.47	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	374145	38.20	nq	98
91) Benzo(g,h,i)perylene	17.74	276	365796	36.69	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

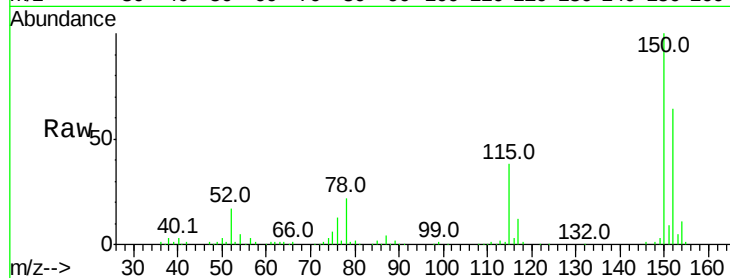
Tot Ion:152 Resp: 142364

Ion Ratio Lower Upper

152 100

150 155.1 126.2 189.2

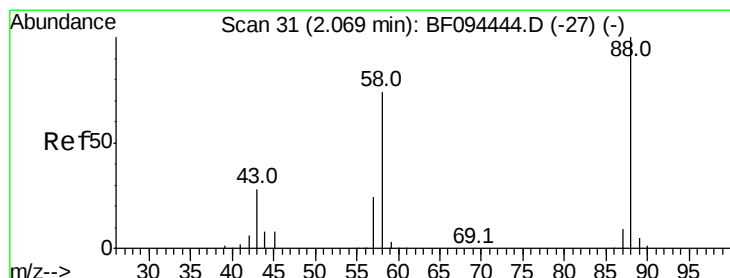
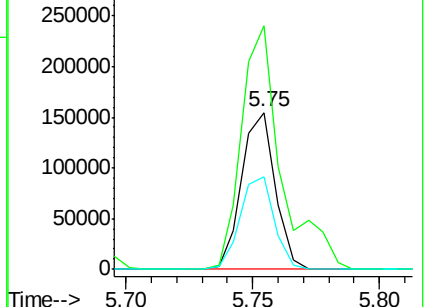
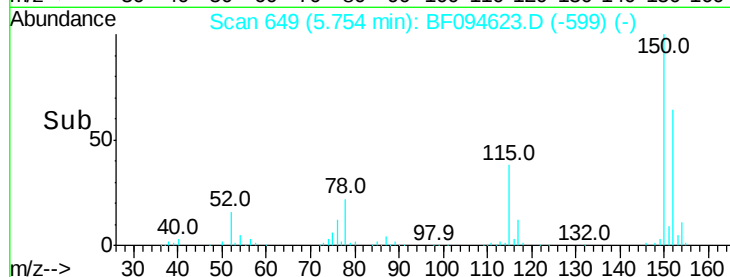
115 58.6 52.2 78.2



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: 37.59 ng

RT: 2.04 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

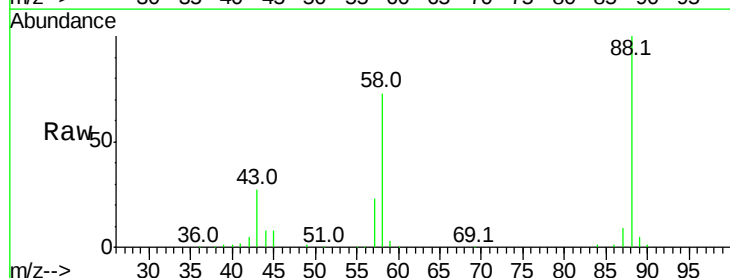
Tgt Ion: 88 Resp: 187601

Ion Ratio Lower Upper

88 100

58 71.1 61.4 92.0

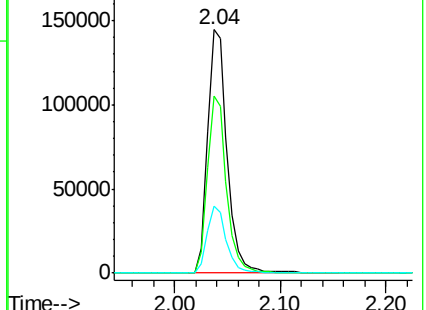
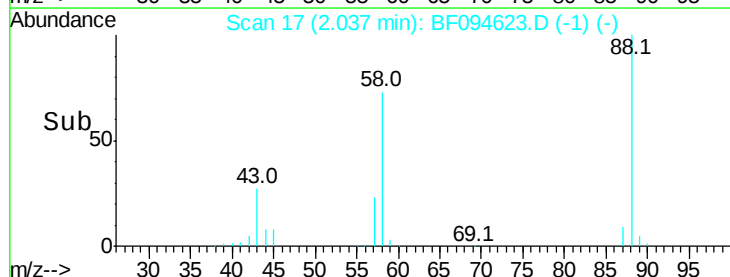
43 27.3 23.4 35.0

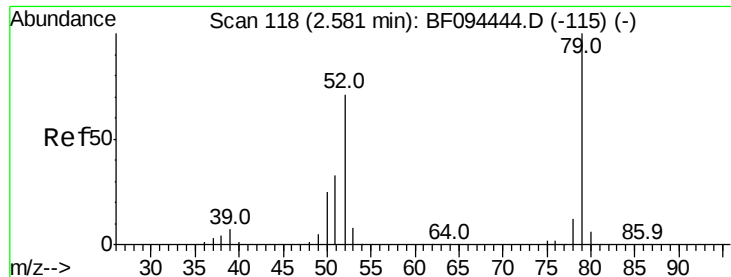


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.68 ng

RT: 2.57 min Scan# 108

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampled :

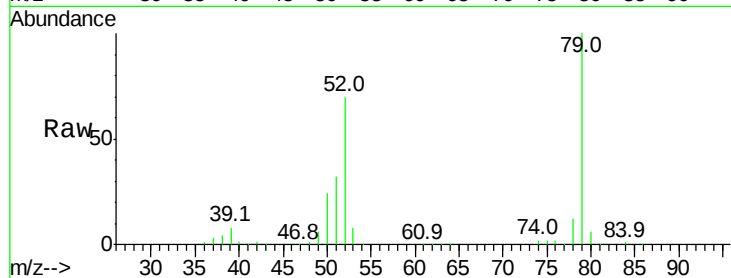
Tot Ion: 79 Resp: 410957

Ion Ratio Lower Upper

79 100

52 70.2 54.8 82.2

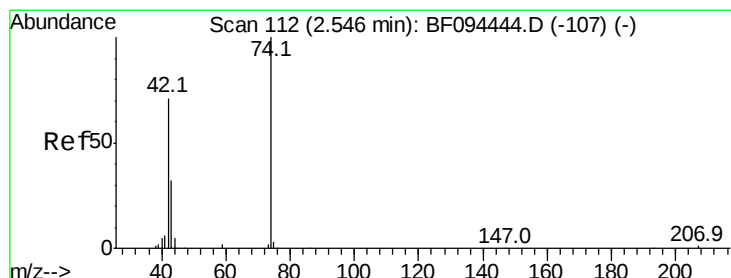
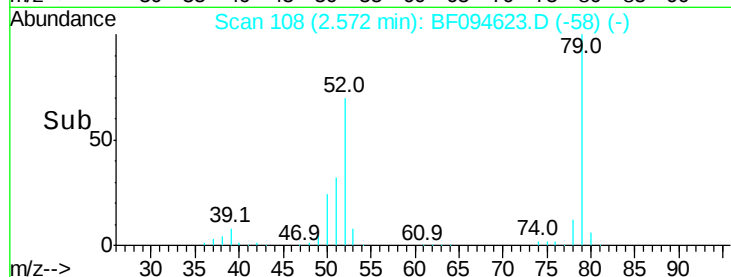
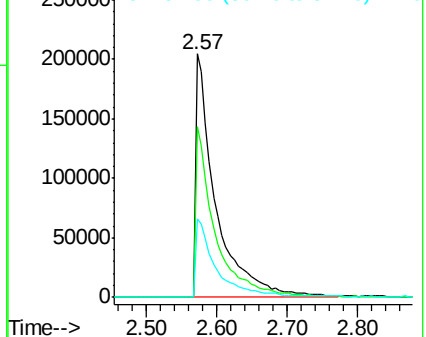
51 32.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.02 ng

RT: 2.53 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

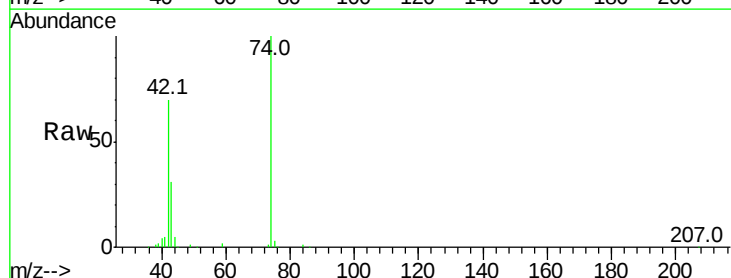
Tgt Ion: 42 Resp: 167085

Ion Ratio Lower Upper

42 100

74 142.9 103.9 155.9

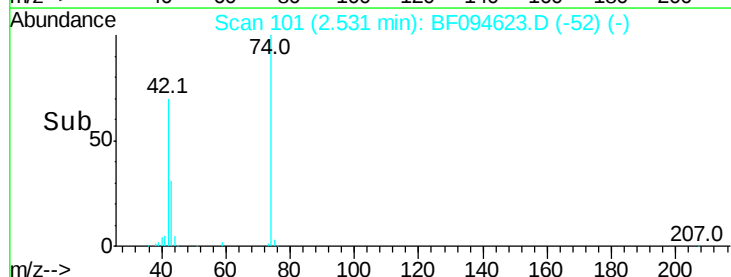
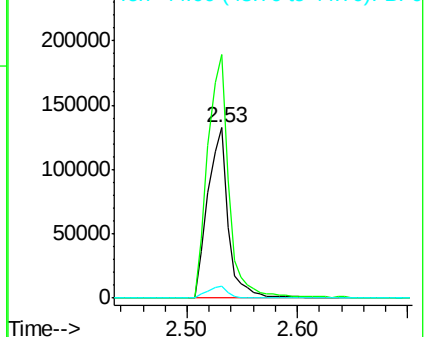
44 6.7 5.7 8.5

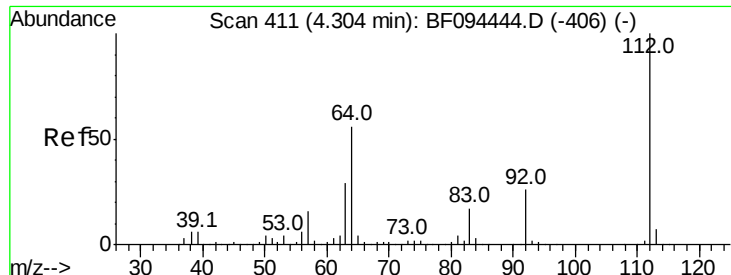


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.79 ng

RT: 4.30 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

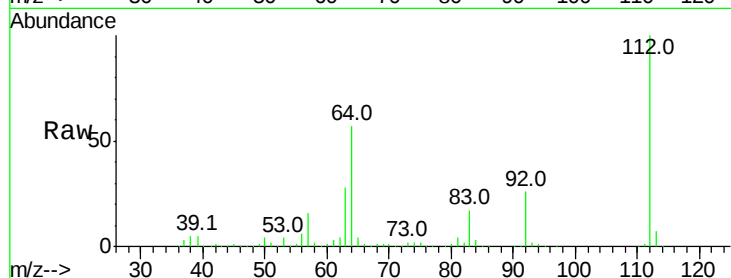
Tot Ion:112 Resp: 667484

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

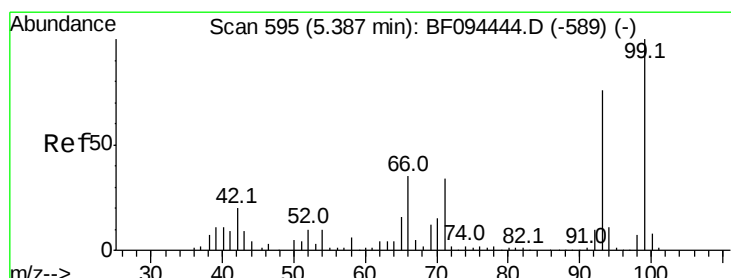
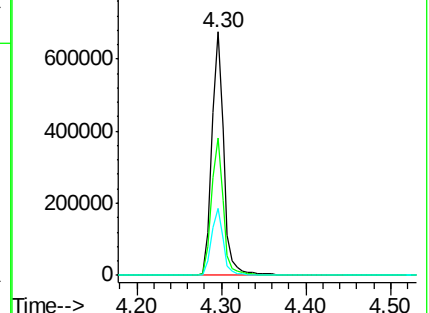
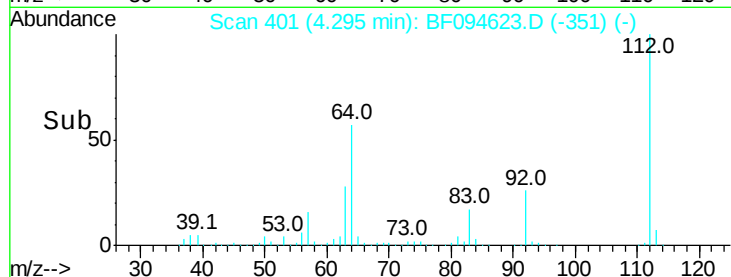
63 27.7 23.4 35.0



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: 37.11 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

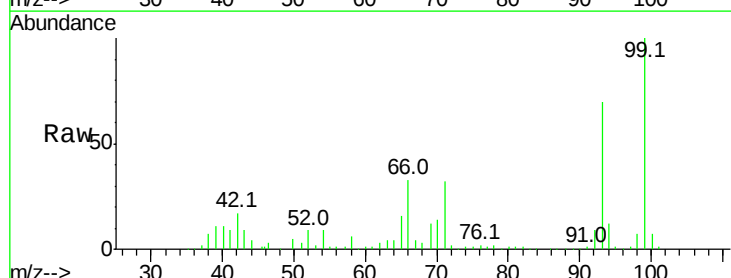
Tgt Ion: 93 Resp: 498878

Ion Ratio Lower Upper

93 100

66 47.7 32.9 49.3

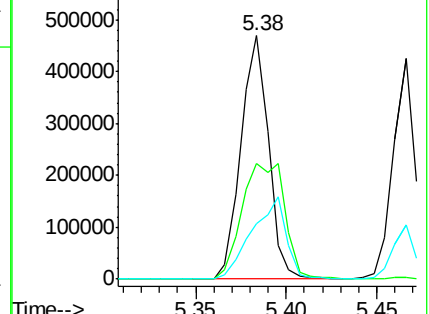
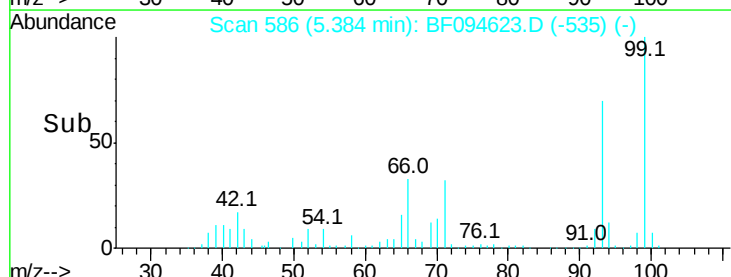
65 22.8 16.0 24.0

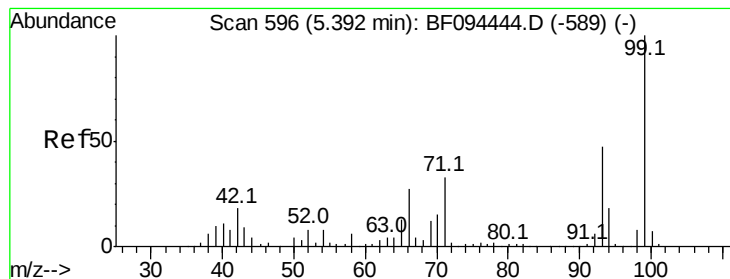


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.89 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

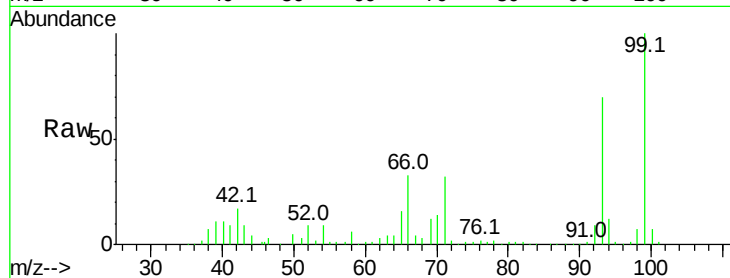
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 767740

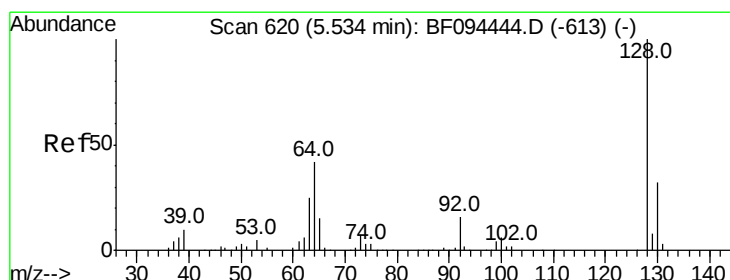
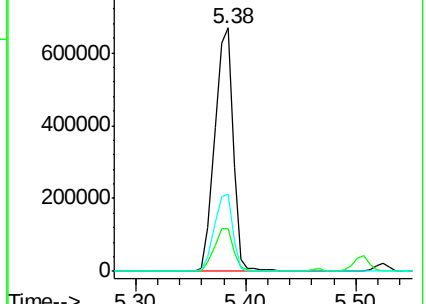
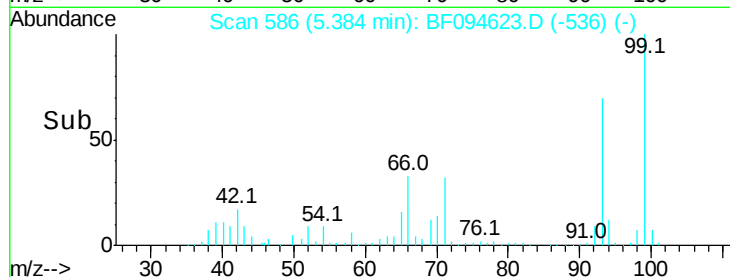
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	31.9	24.5	36.7



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: 38.75 ng

RT: 5.52 min Scan# 610

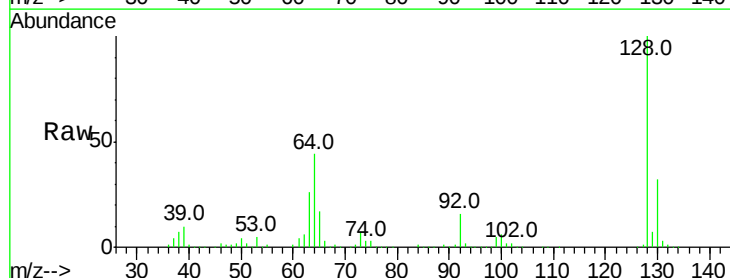
Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Tgt Ion: 128 Resp: 378340

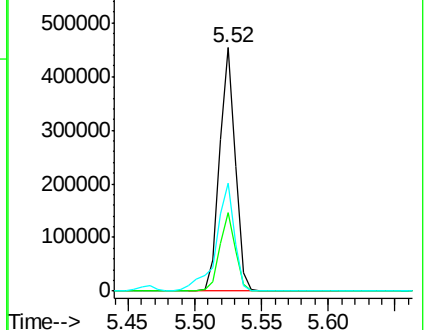
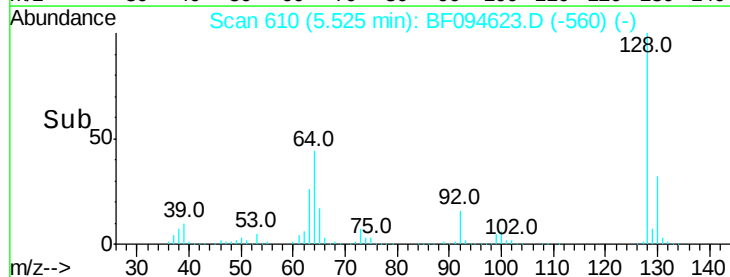
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	44.4	28.4	68.4

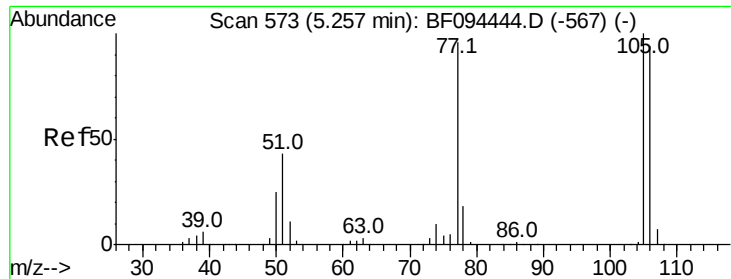


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

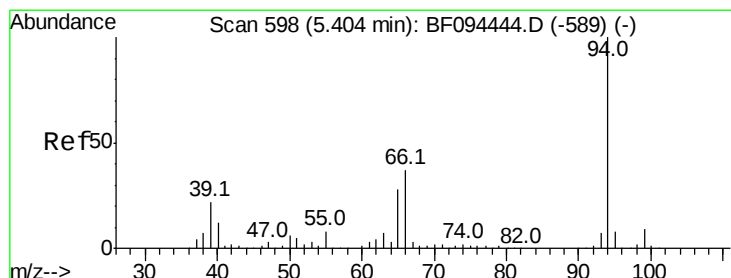
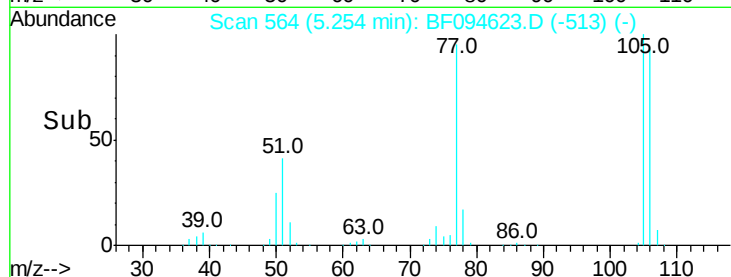
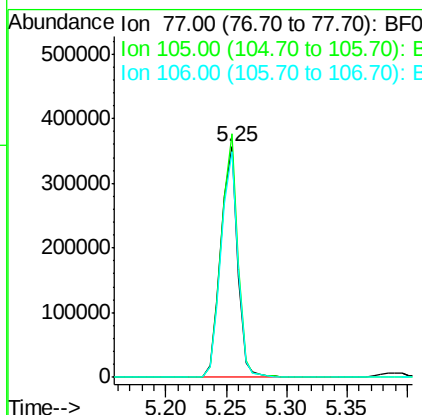
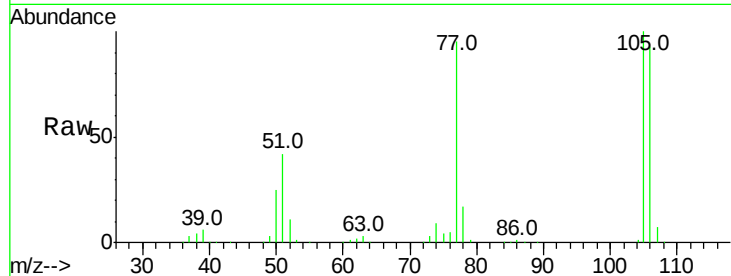




#9
Benzaldehyde
Concen: 44.59 ng
RT: 5.25 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

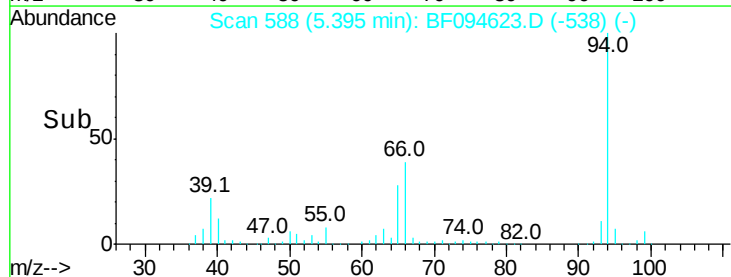
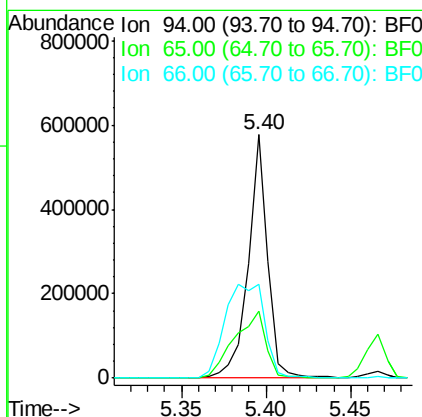
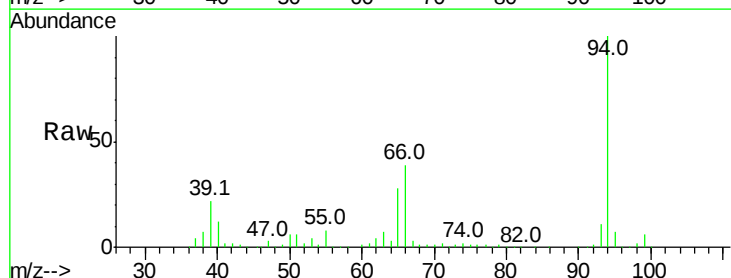
Instrument :
BNA_F
ClientSampled :

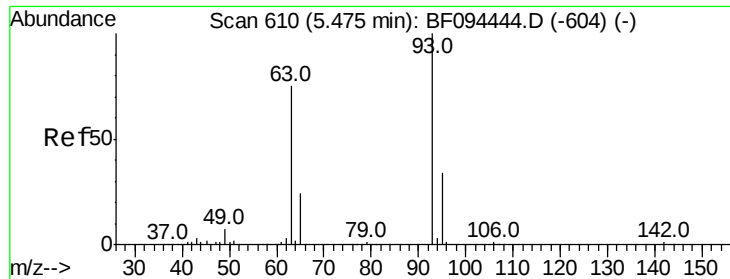
Tot Ion: 77 Resp: 343168
Ion Ratio Lower Upper
77 100
105 105.5 83.8 123.8
106 97.9 79.1 119.1



#10
Phenol
Concen: 37.45 ng
RT: 5.40 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion: 94 Resp: 465453
Ion Ratio Lower Upper
94 100
65 27.6 9.9 49.9
66 38.5 23.1 63.1



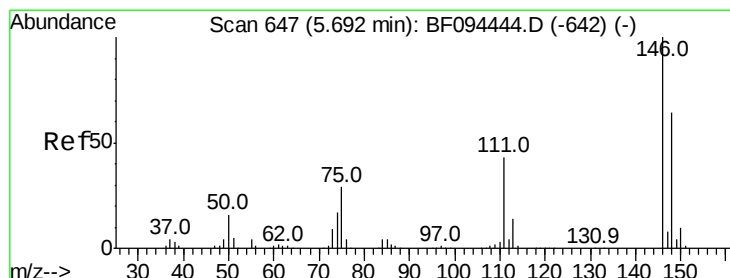
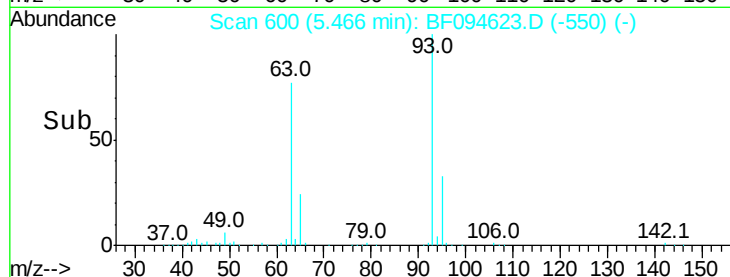
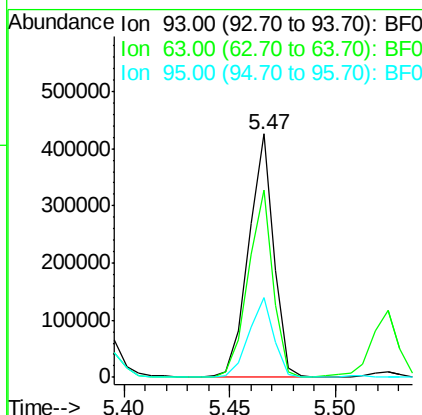
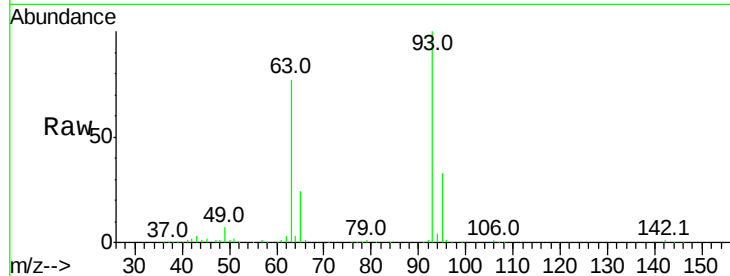


#11
 bis(2-Chloroethyl)ether
 Concen: 38.46 ng
 RT: 5.47 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 93 Resp: 349195

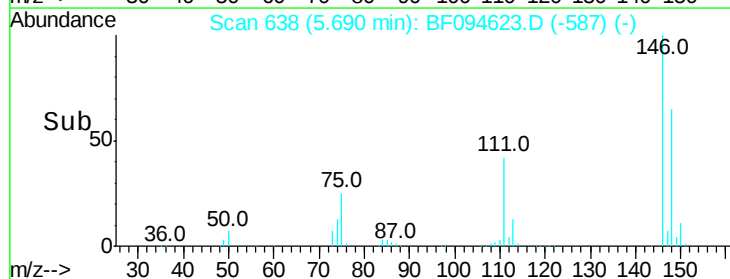
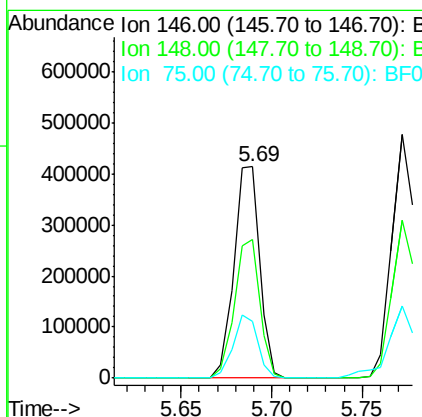
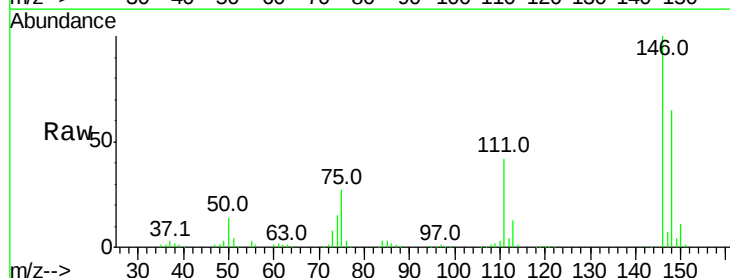
Ion	Ratio	Lower	Upper
93	100		
63	76.9	59.2	99.2
95	32.6	12.8	52.8

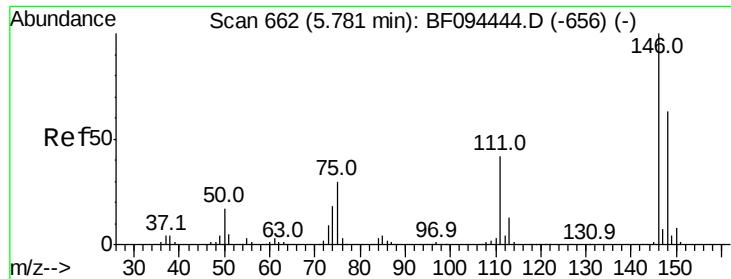


#12
 1,3-Dichlorobenzene
 Concen: 37.93 ng
 RT: 5.69 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion: 146 Resp: 410281

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
75	26.6	23.1	34.7

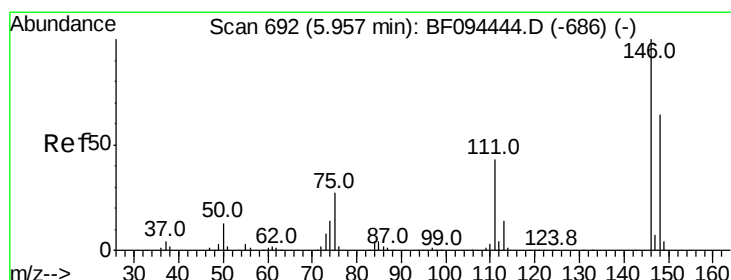
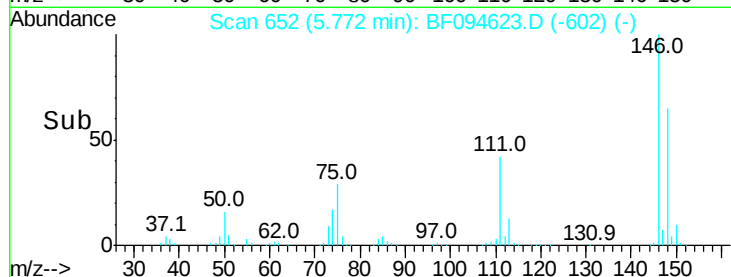
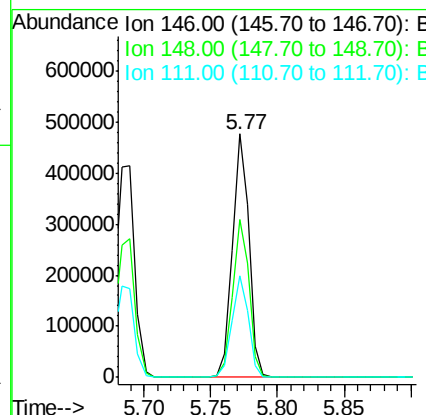
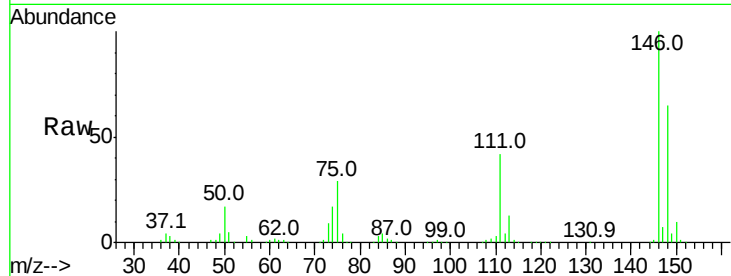




#13
 1,4-Dichlorobenzene
 Concen: 38.55 ng
 RT: 5.77 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

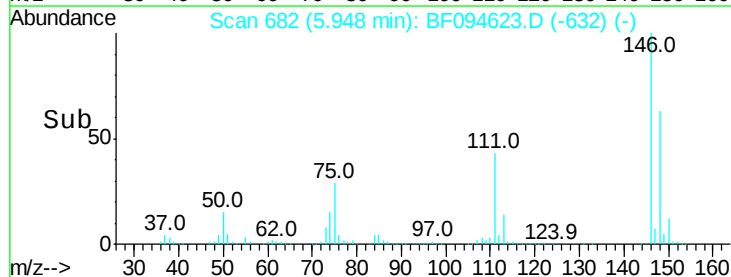
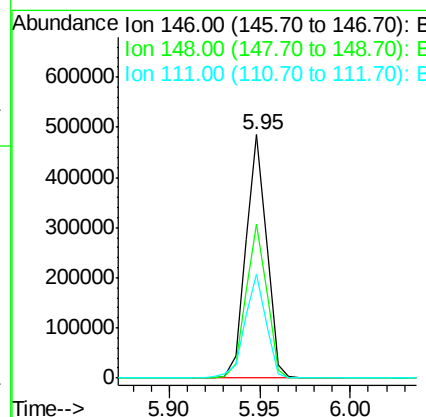
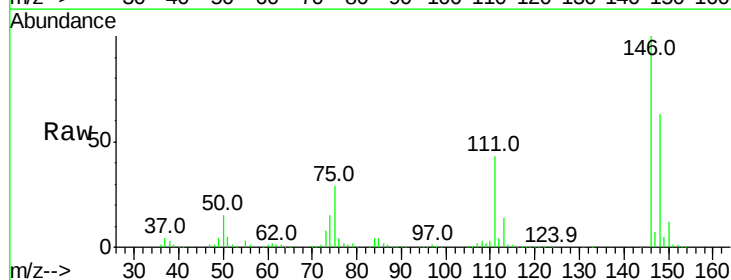
Instrument :
 BNA_F
 ClientSampleId :

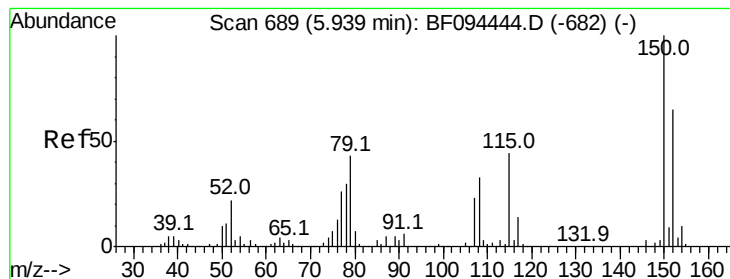
Tot Ion:146 Resp: 419554
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 41.7 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 38.28 ng
 RT: 5.95 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:146 Resp: 383804
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 42.5 38.2 57.4





#15

Benzyl Alcohol

Concen: 36.43 ng

RT: 5.94 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

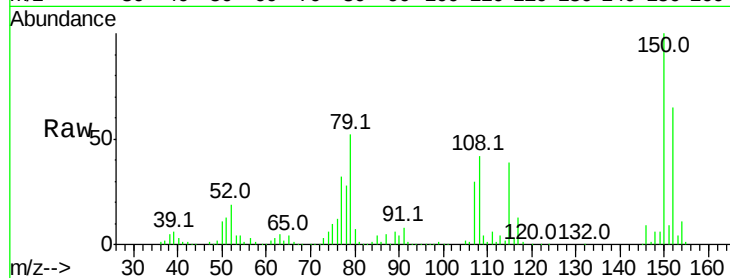
Tot Ion: 79 Resp: 273358

Ion Ratio Lower Upper

79 100

108 80.6 63.4 95.0

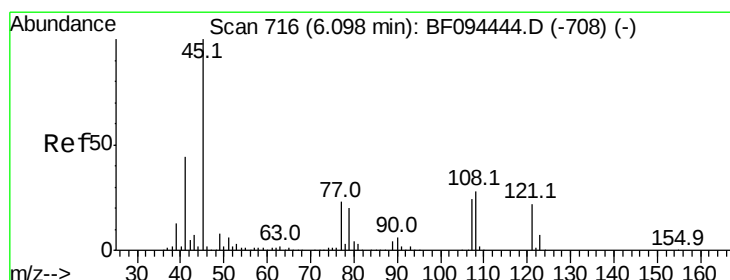
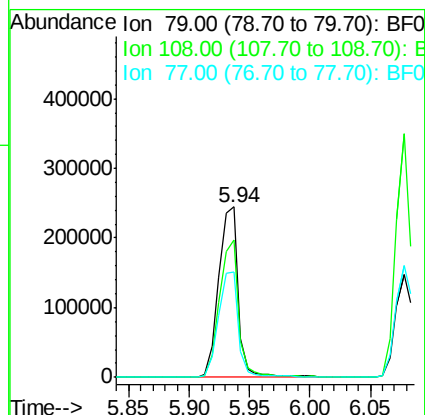
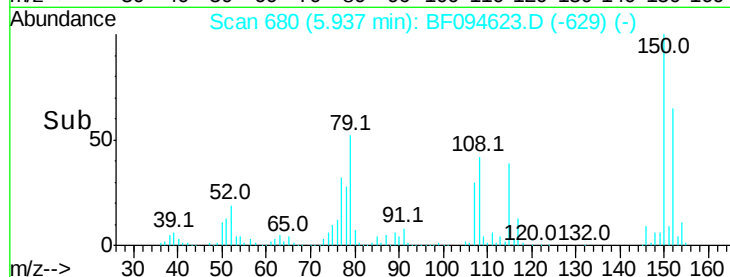
77 62.2 49.2 73.8



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: 38.82 ng

RT: 6.08 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

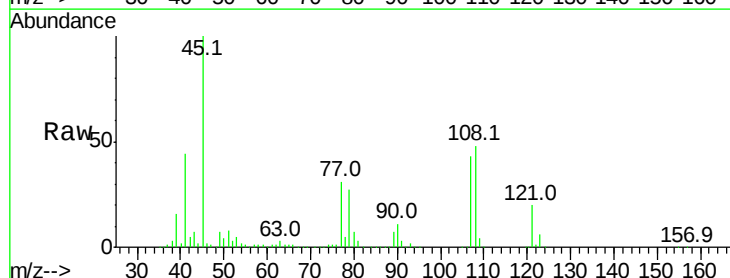
Tgt Ion: 45 Resp: 462081

Ion Ratio Lower Upper

45 100

77 30.6 0.0 33.2

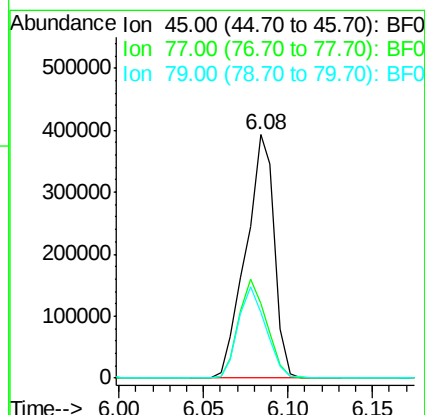
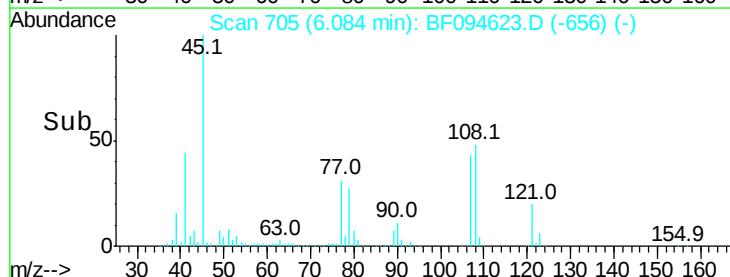
79 27.1 0.0 30.0

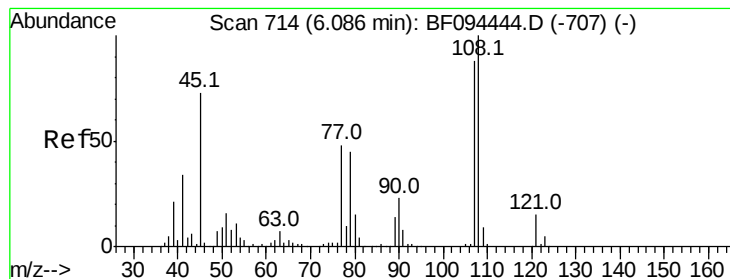


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.31 ng

RT: 6.08 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 294654

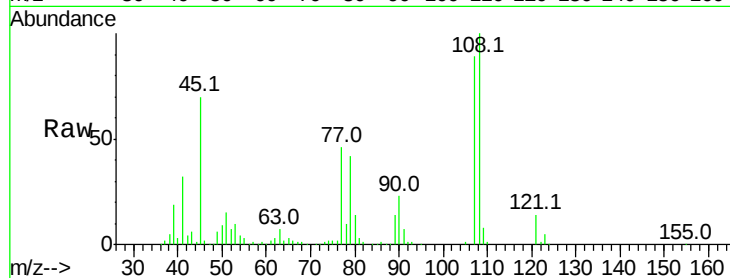
Ion Ratio Lower Upper

107 100

108 112.4 93.4 140.0

77 51.7 35.8 53.6

79 47.7 34.8 52.2

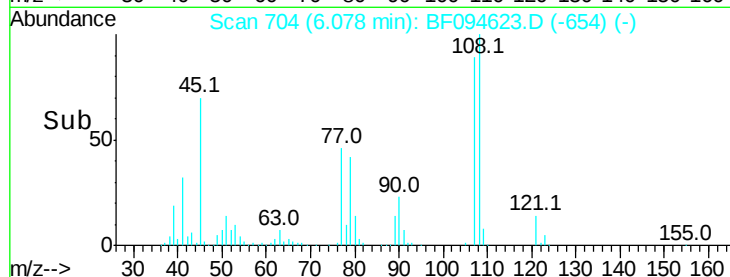


Abundance Ion 107.00 (106.70 to 107.70): E

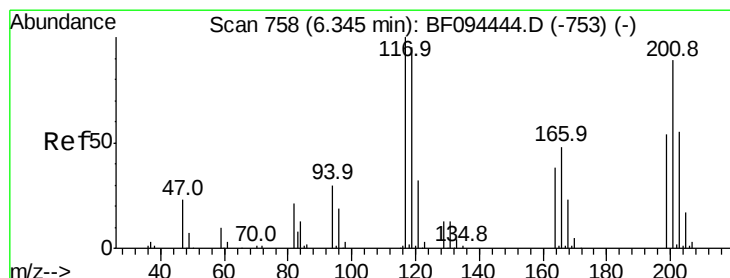
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 29.49 ng

RT: 6.34 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

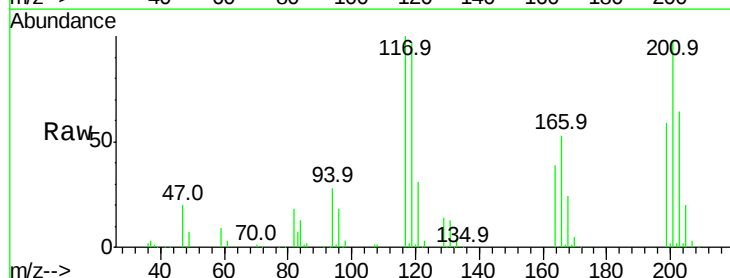
Tgt Ion:117 Resp: 110015

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

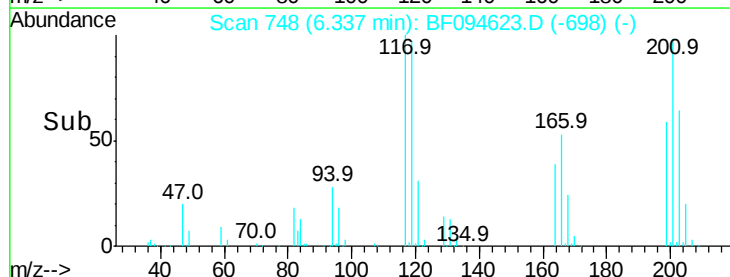
201 97.9 94.6 141.8



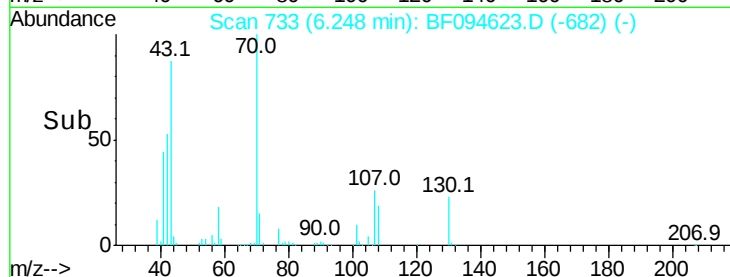
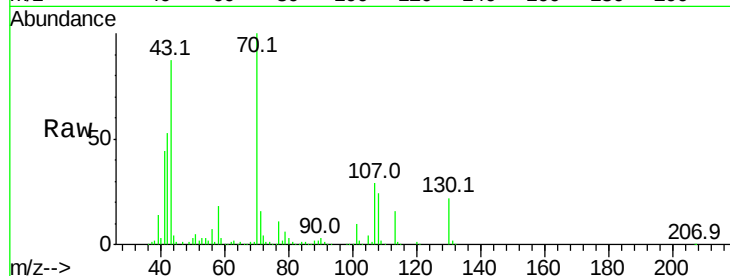
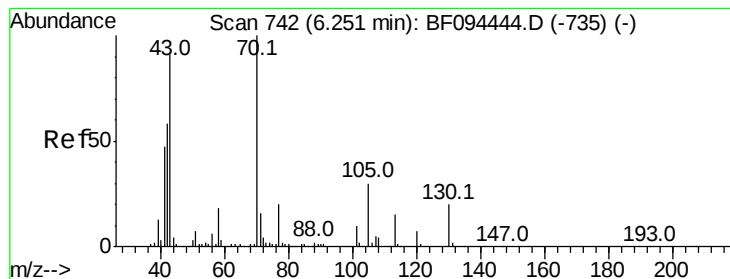
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 39.03 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 261621

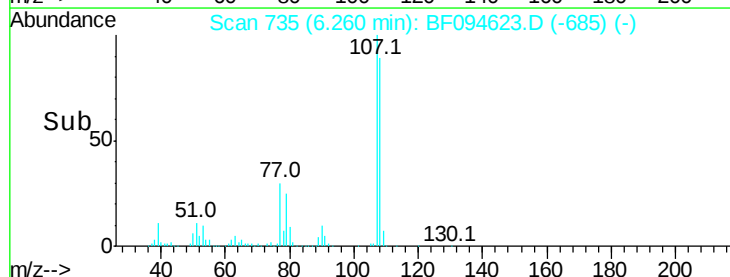
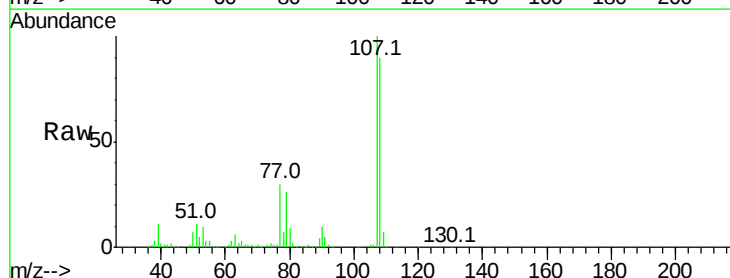
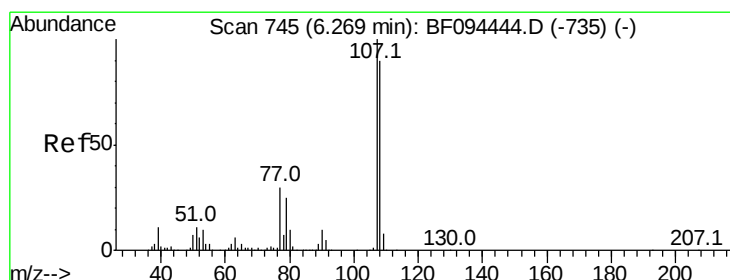
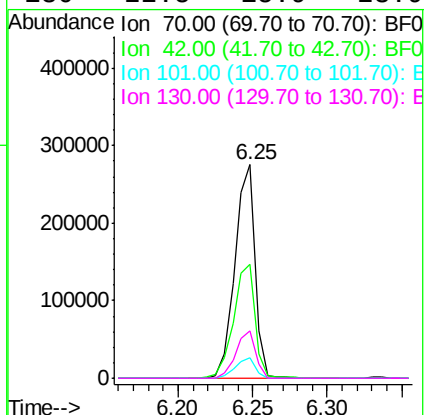
Ion Ratio Lower Upper

70 100

42 53.3 47.2 70.8

101 9.8 7.2 10.8

130 22.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 38.91 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Tgt Ion: 107 Resp: 406597

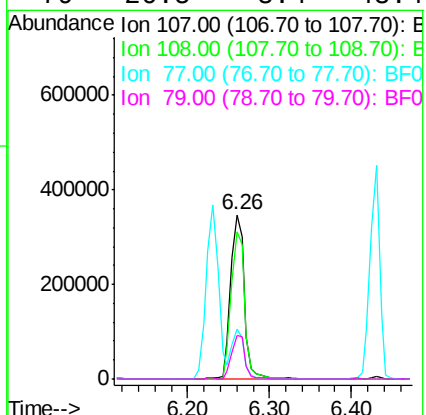
Ion Ratio Lower Upper

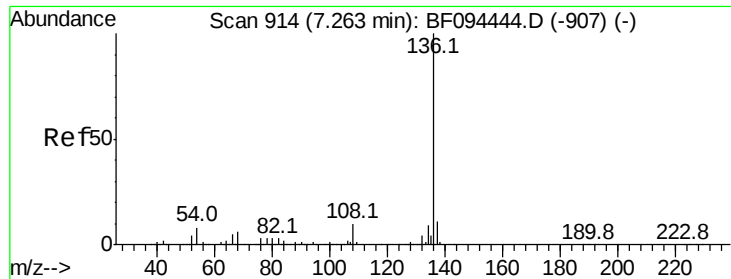
107 100

108 89.6 71.0 111.0

77 30.4 90.5 130.5#

79 26.5 8.4 48.4

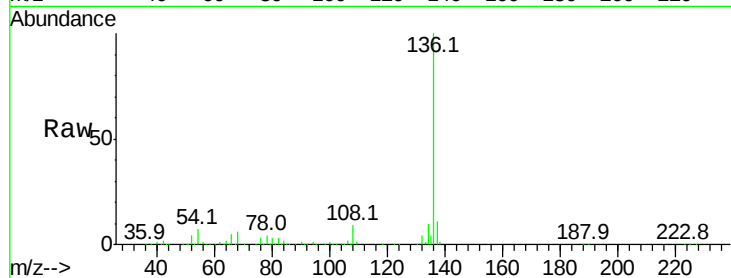




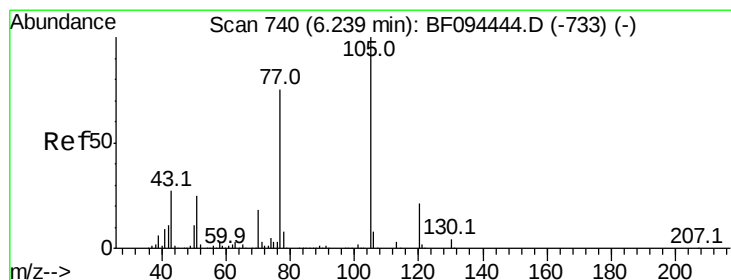
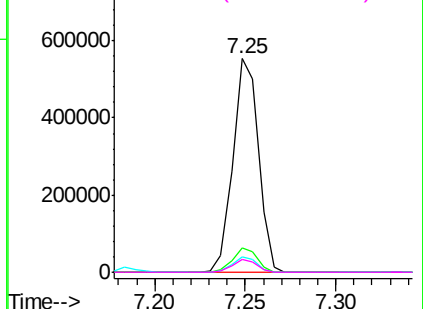
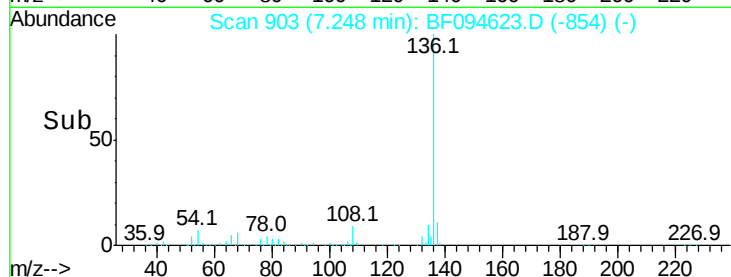
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	542370
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.5 12.7
54	7.4	4.9 7.3#
68	6.0	4.1 6.1

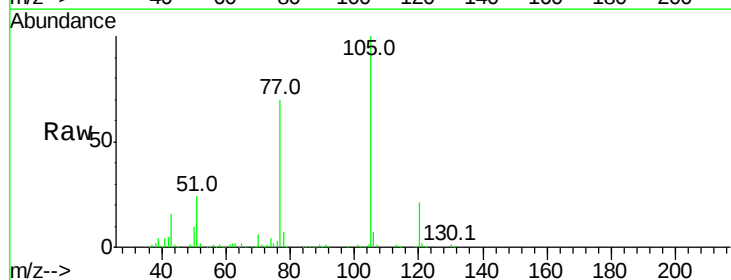


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

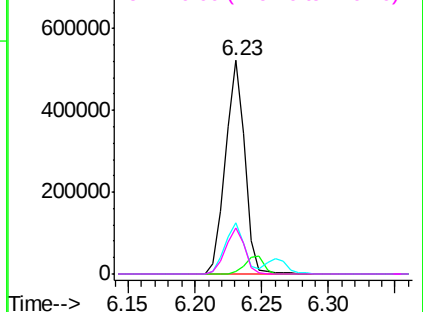
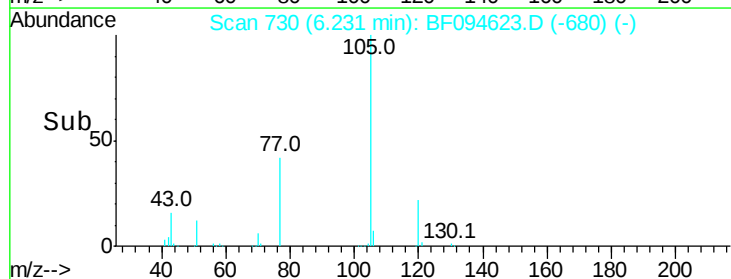


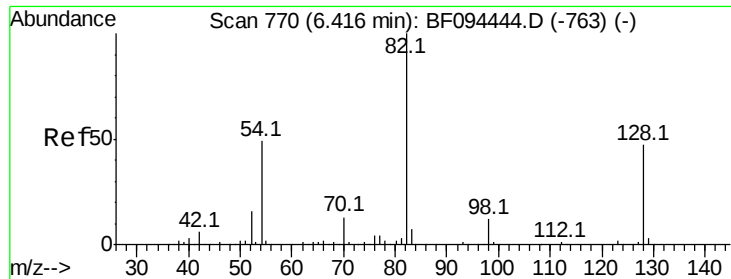
#22
Acetophenone
Concen: 40.59 ng
RT: 6.23 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion:105	Resp:	535350
Ion Ratio	Lower	Upper
105	100	
71	1.1	2.8 4.2#
51	23.7	30.7 46.1#
120	21.4	17.4 26.0



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

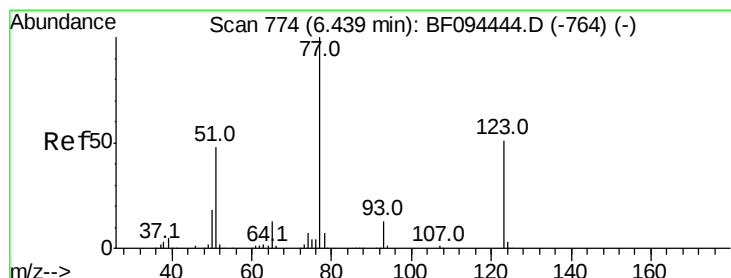
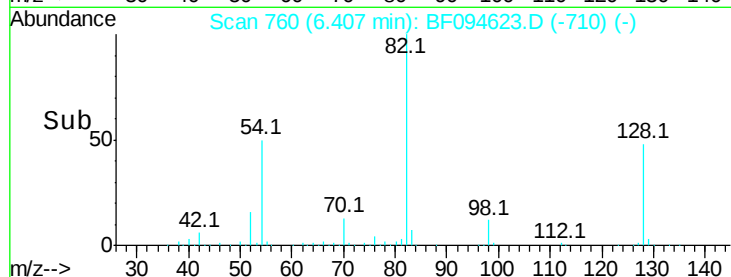
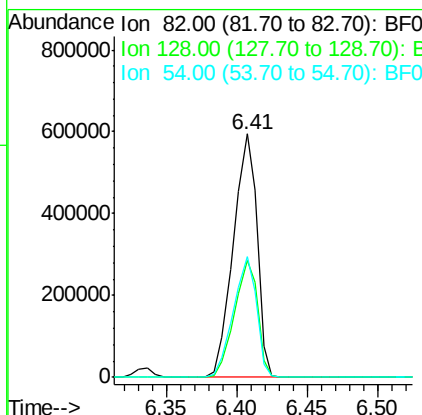
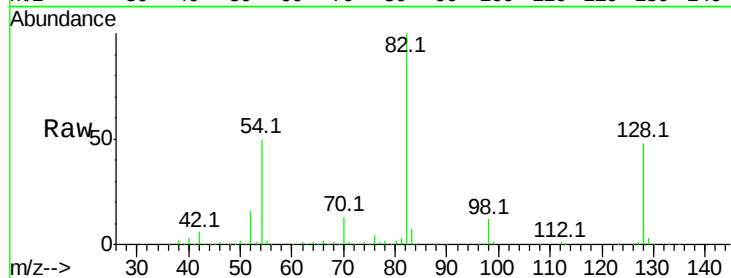




#23
Nitrobenzene-d5
Concen: 79.20 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

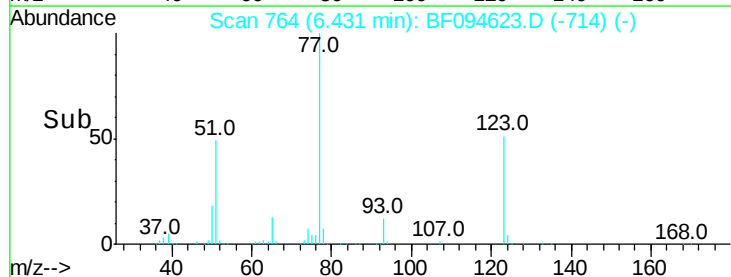
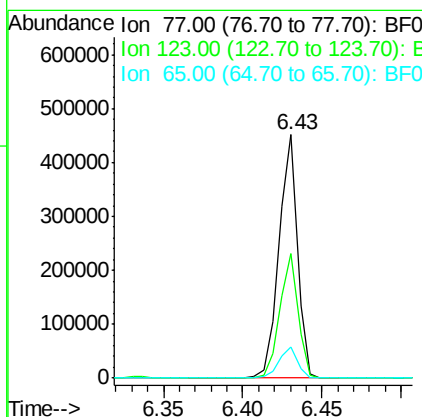
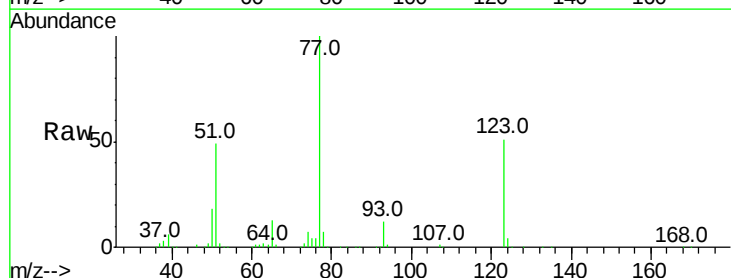
Instrument :
BNA_F
ClientSampleId :

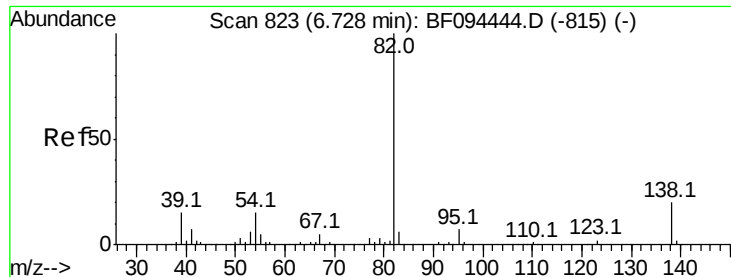
Tot Ion	82	Resp	695681
Ion Ratio	100	Lower	Upper
128	48.1	34.0	51.0
54	49.7	42.2	63.2



#24
Nitrobenzene
Concen: 39.86 ng
RT: 6.43 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion	77	Resp	368711
Ion Ratio	100	Lower	Upper
123	51.1	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 40.25 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

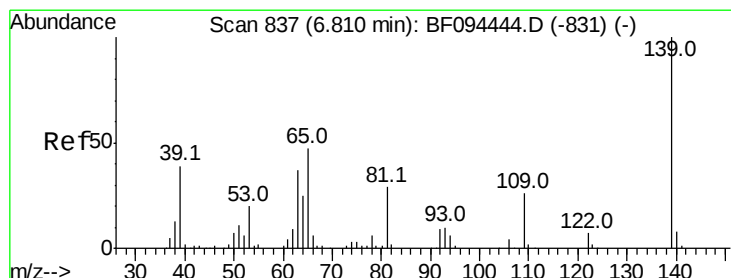
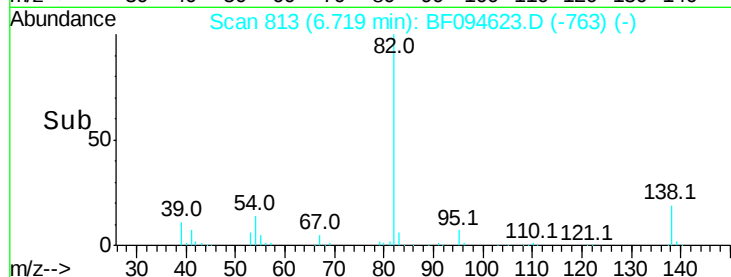
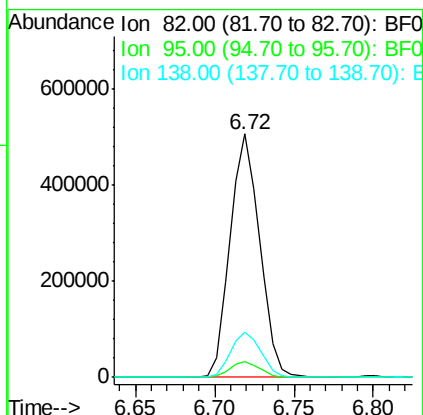
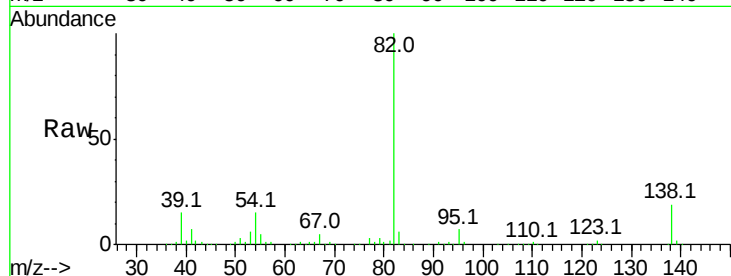
Tot Ion: 82 Resp: 655312

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 31.01 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

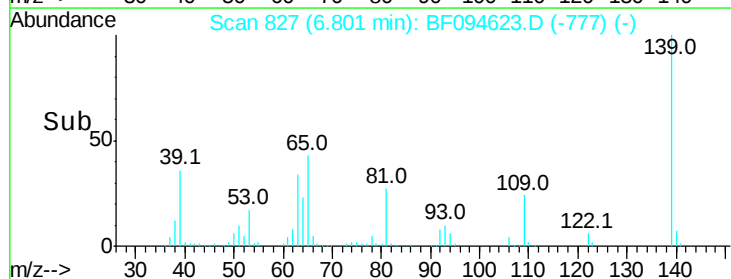
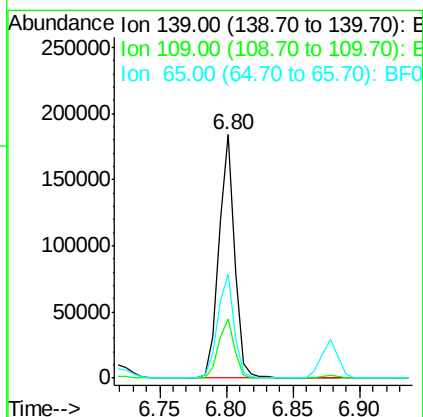
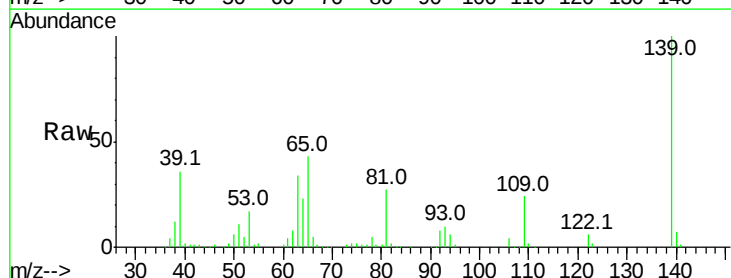
Tgt Ion: 139 Resp: 154113

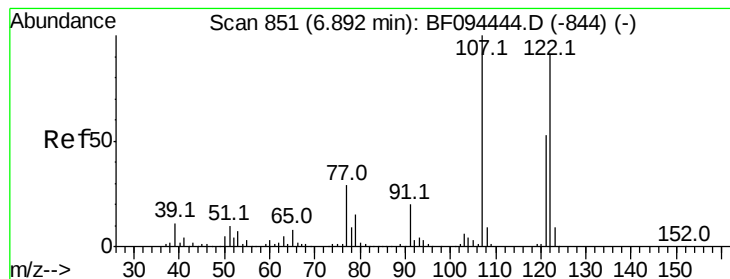
Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.6

65 42.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 38.44 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

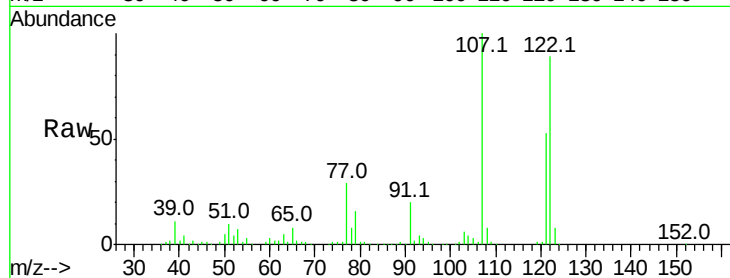
Tot Ion:122 Resp: 310267

Ion Ratio Lower Upper

122 100

107 112.4 89.2 133.8

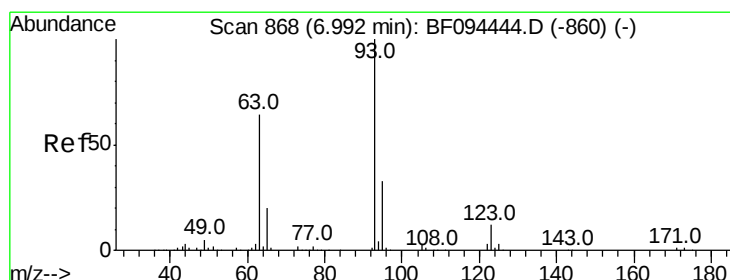
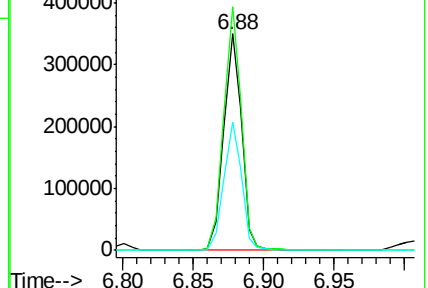
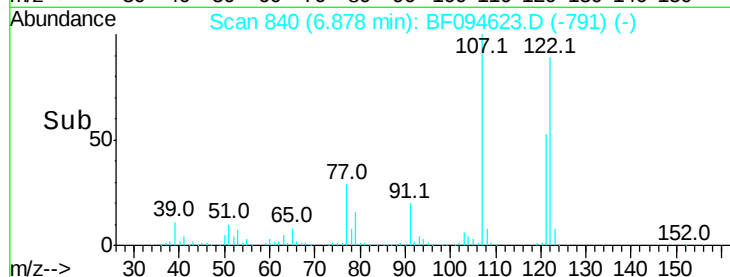
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.31 ng

RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

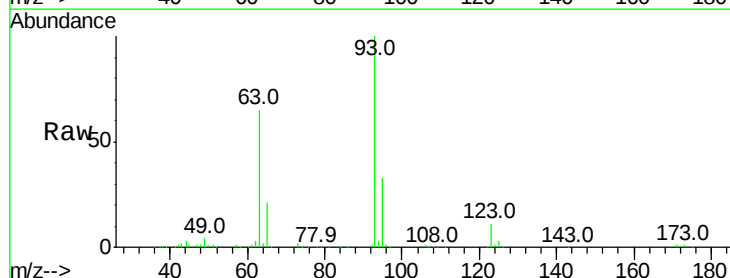
Tgt Ion: 93 Resp: 424591

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

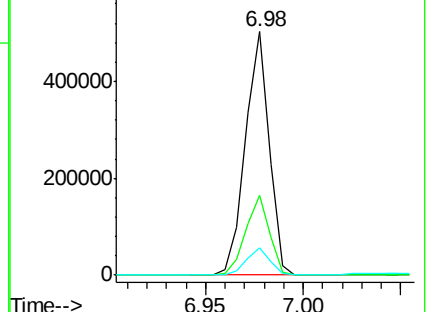
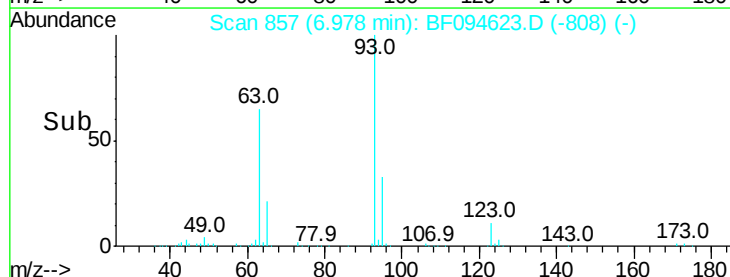
123 11.4 9.0 13.4

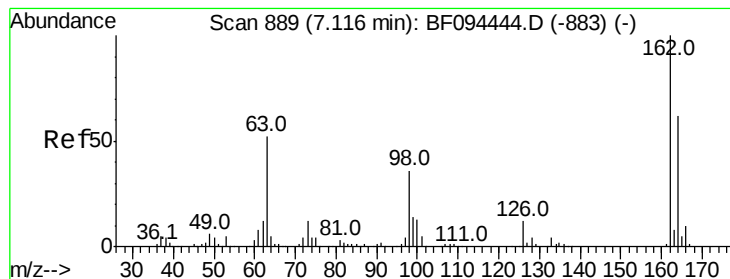


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.65 ng

RT: 7.11 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

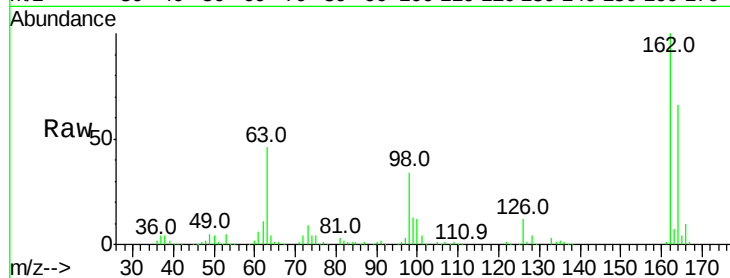
Tot Ion:162 Resp: 290203

Ion Ratio Lower Upper

162 100

164 66.2 44.6 84.6

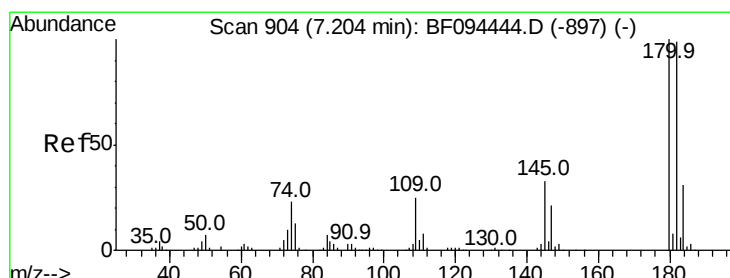
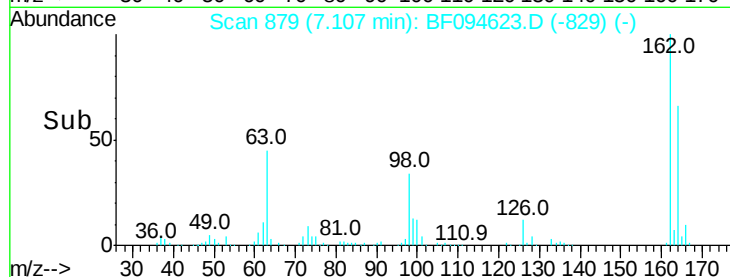
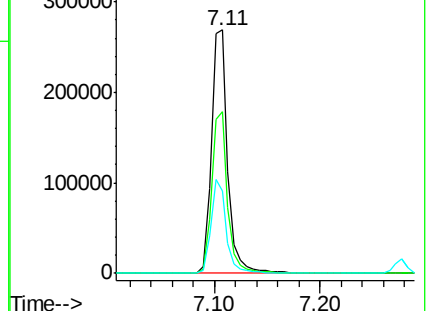
98 33.8 14.8 54.8



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: 38.77 ng

RT: 7.19 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

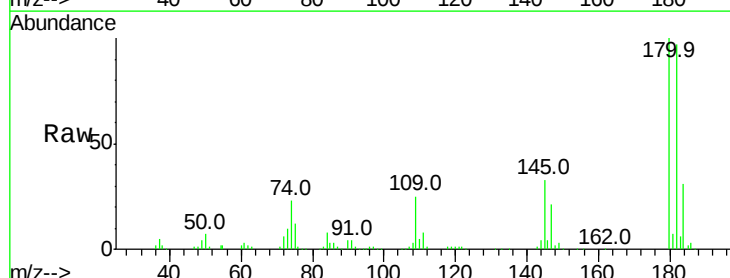
Tgt Ion:180 Resp: 300967

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.6

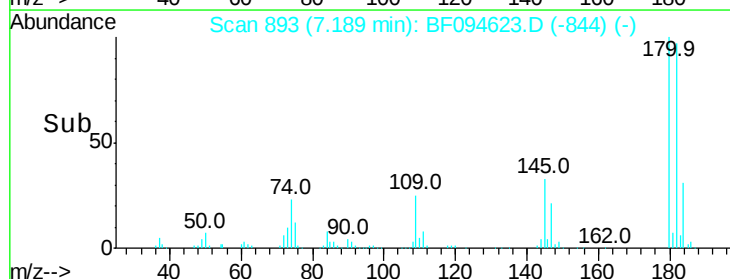
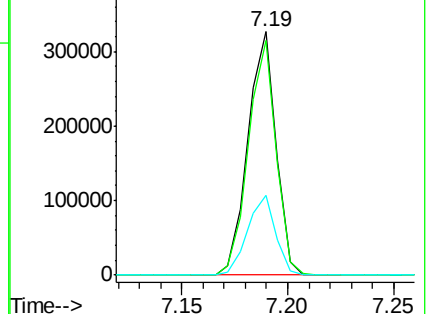
145 32.7 25.3 37.9

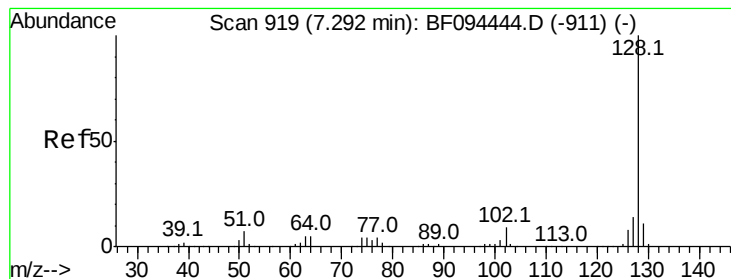


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.44 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

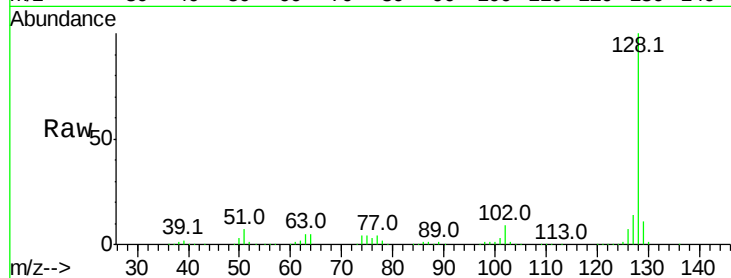
Tot Ion:128 Resp: 1002295

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

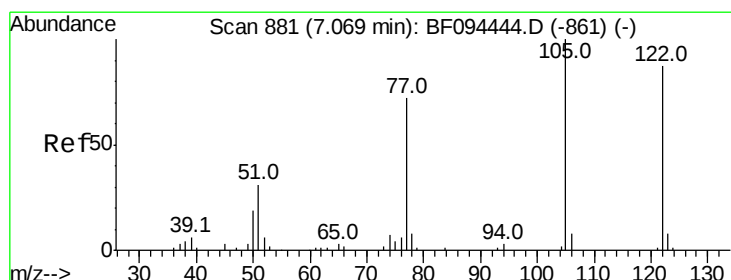
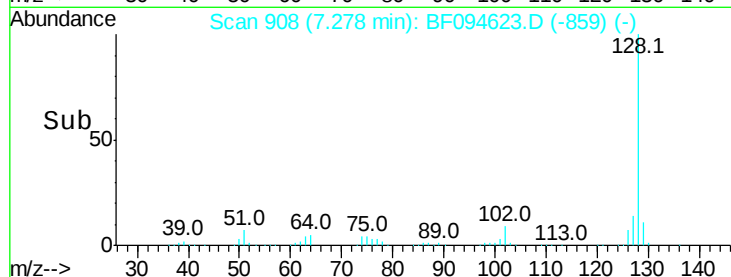
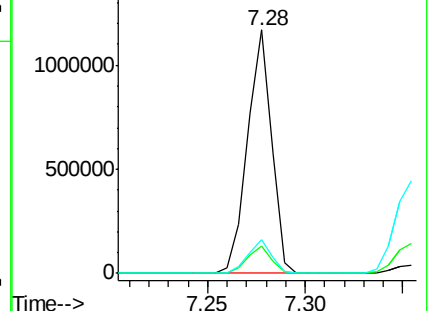
127 13.7 10.8 16.2



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: 26.56 ng

RT: 7.05 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

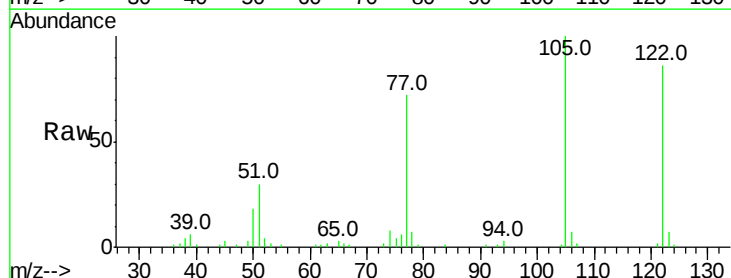
Tgt Ion:122 Resp: 113385

Ion Ratio Lower Upper

122 100

105 115.6 103.3 143.3

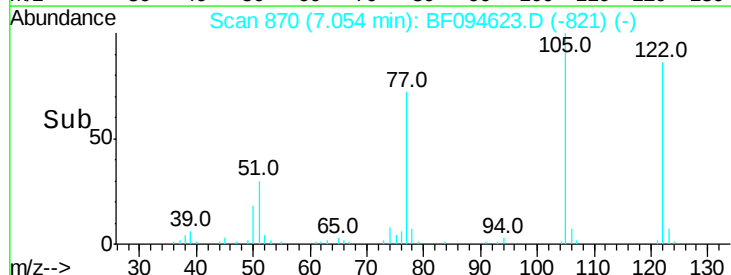
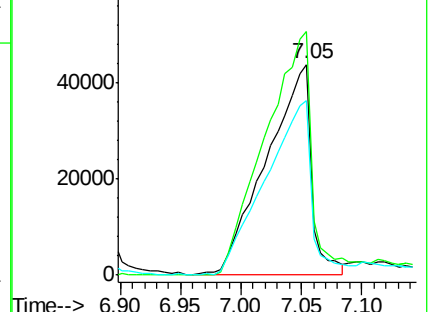
77 82.7 73.7 113.7

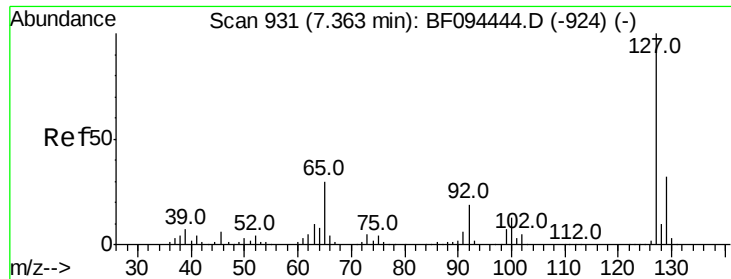


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

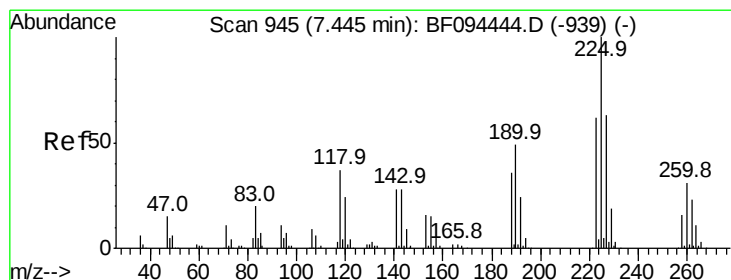
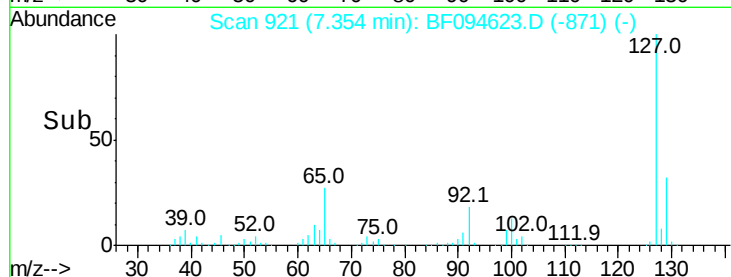
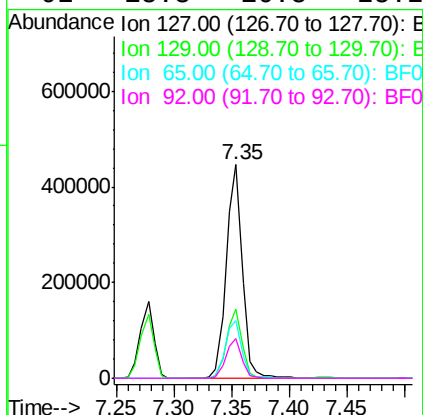
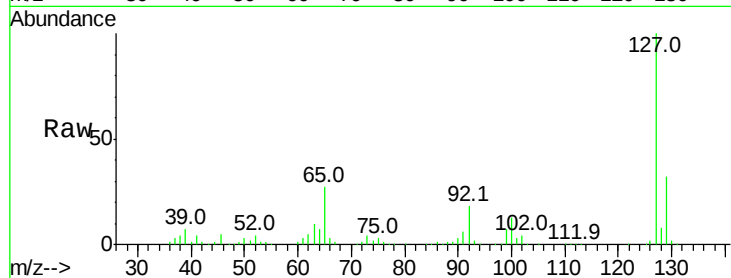




#33
 4-Chloroaniline
 Concen: 39.46 ng
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

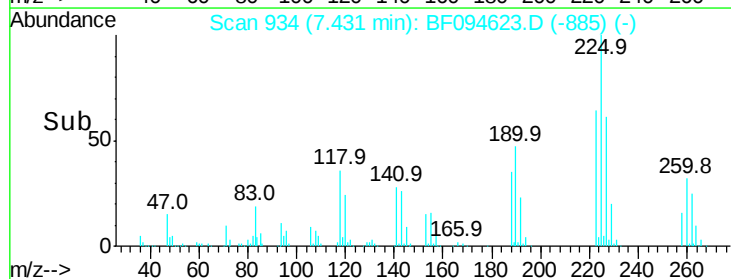
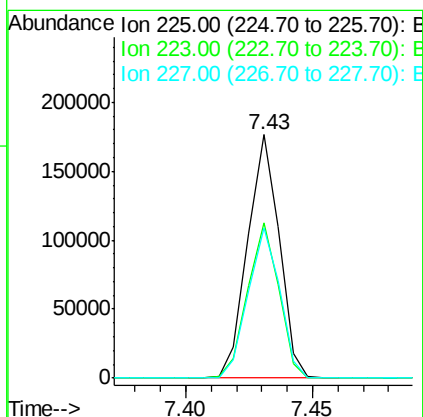
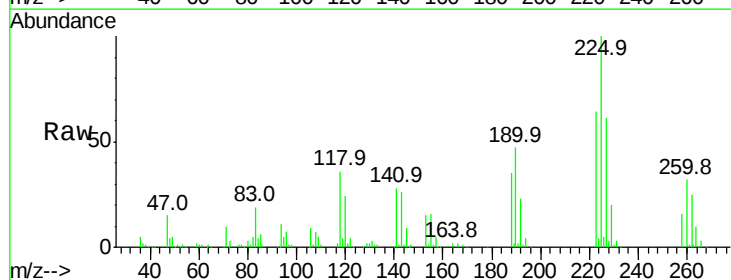
Instrument :
 BNA_F
 ClientSampleId :

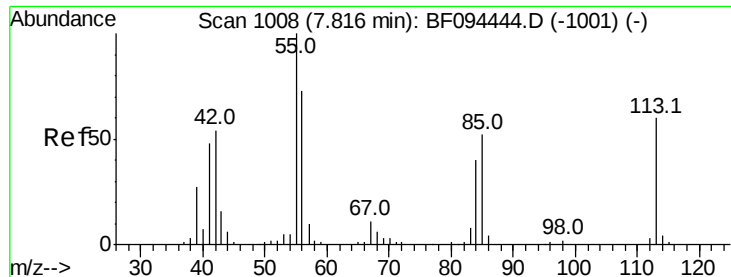
Tot Ion:	127	Resp:	427988
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	27.2	27.8	41.8#
92	18.3	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 39.55 ng
 RT: 7.43 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:	225	Resp:	153073
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	61.4	51.1	76.7

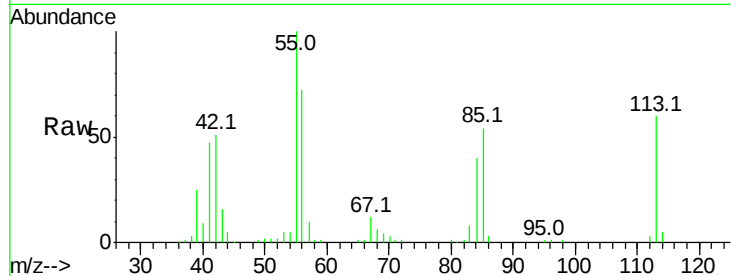




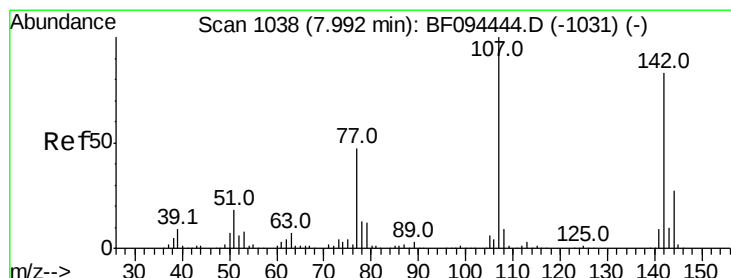
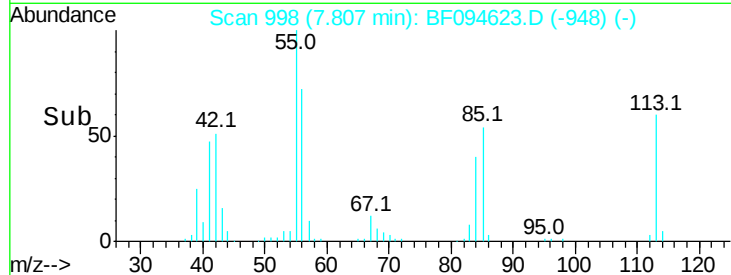
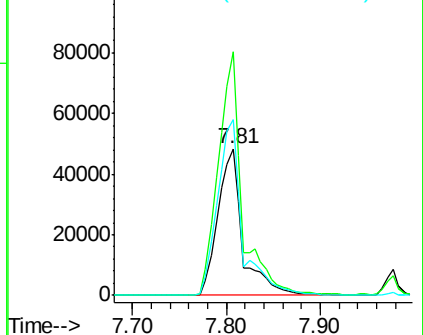
#35
 Caprolactam
 Concen: 37.95 ng
 RT: 7.81 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 89526
 Ion Ratio Lower Upper
 113 100
 55 166.1 150.2 190.2
 56 120.3 107.8 147.8

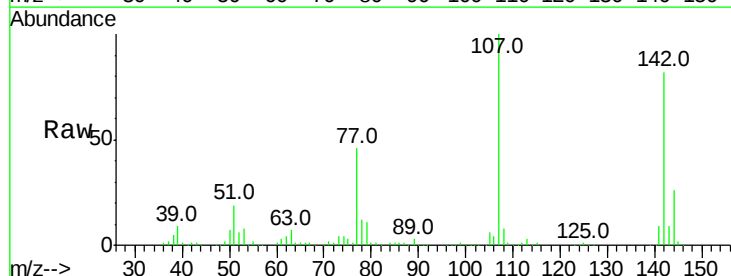


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

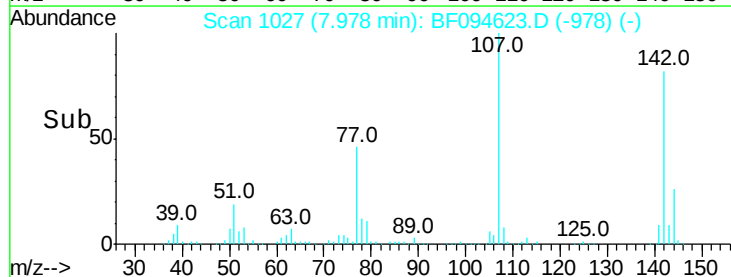
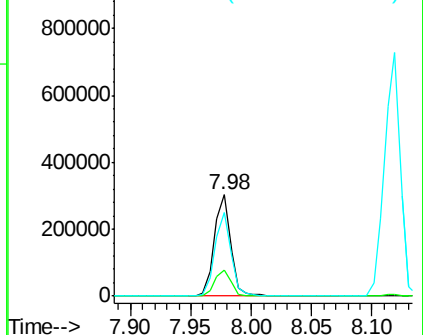


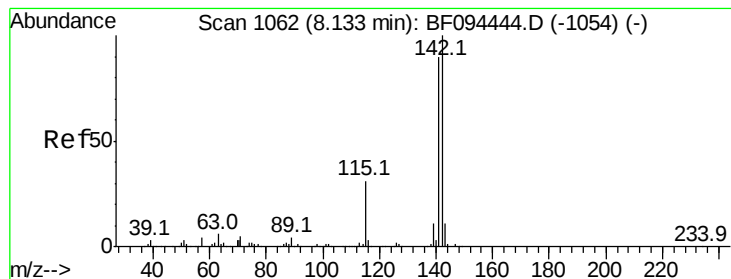
#36
 4-Chloro-3-methylphenol
 Concen: 35.89 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:107 Resp: 282466
 Ion Ratio Lower Upper
 107 100
 144 26.2 24.2 36.4
 142 81.8 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.74 ng

RT: 8.12 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampled :

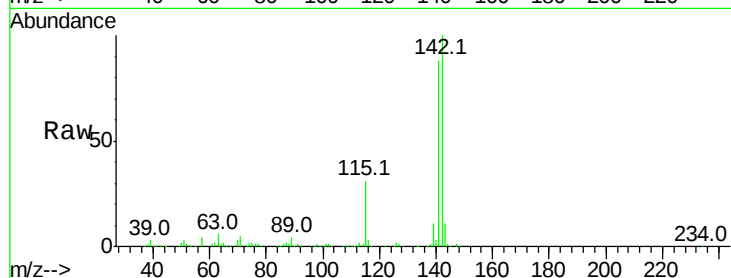
Tot Ion:142 Resp: 673193

Ion Ratio Lower Upper

142 100

141 88.1 71.3 106.9

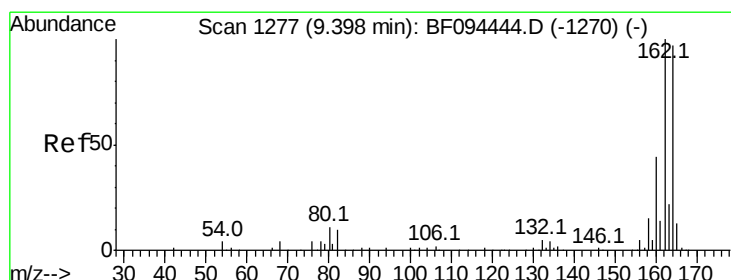
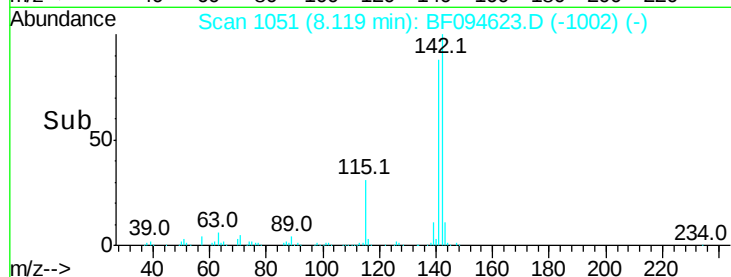
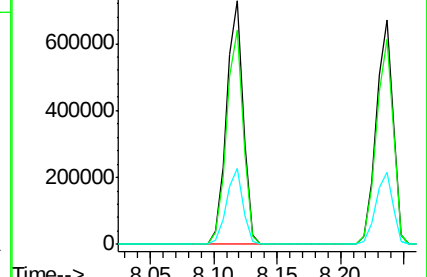
115 31.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

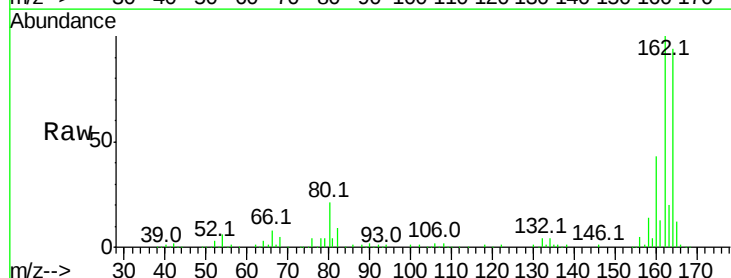
Tgt Ion:164 Resp: 210065

Ion Ratio Lower Upper

164 100

162 106.3 82.6 123.8

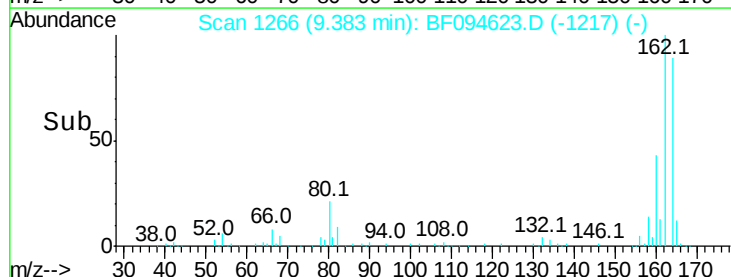
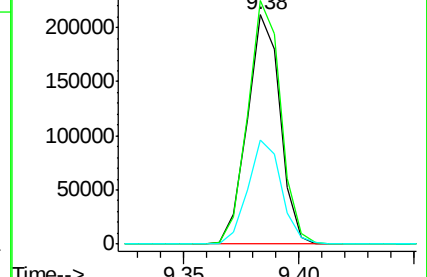
160 45.4 36.2 54.2

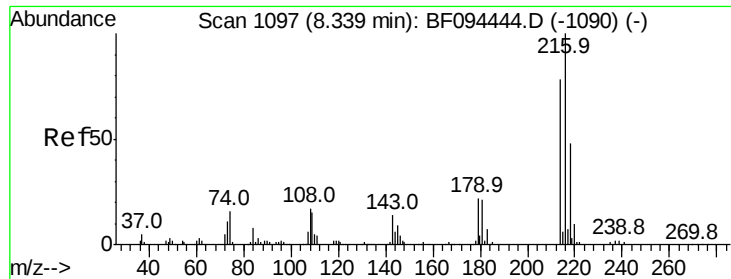


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

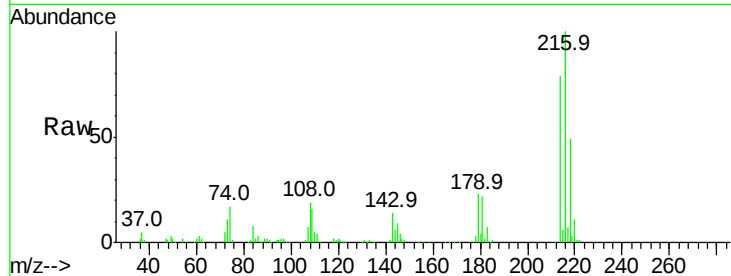




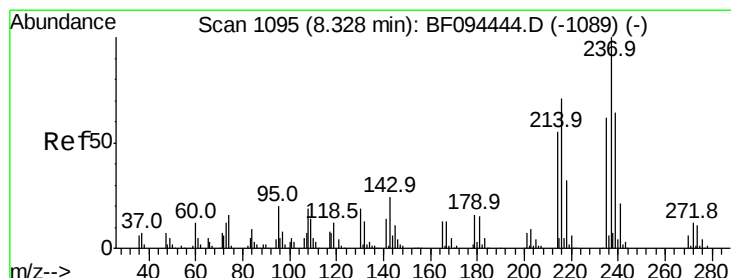
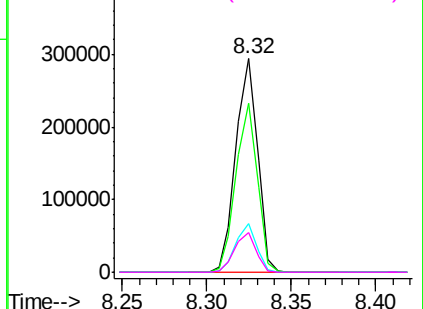
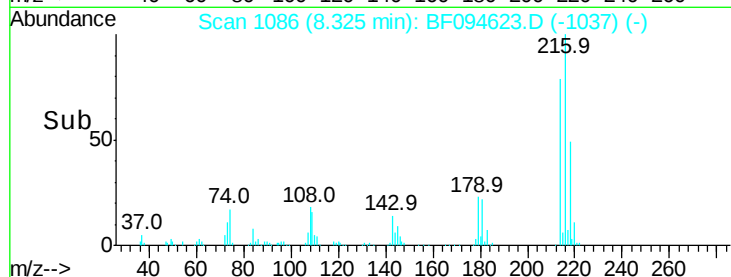
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.90 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	262593
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	22.0	17.9	26.9
108	18.4	16.5	24.7

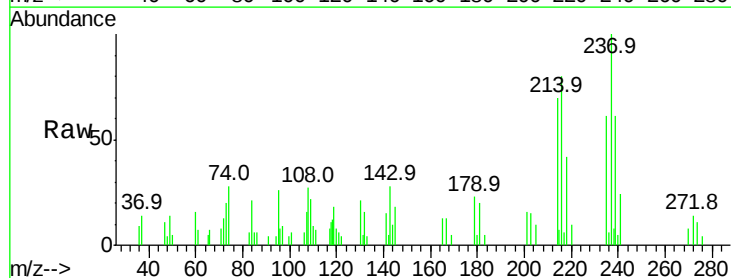


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

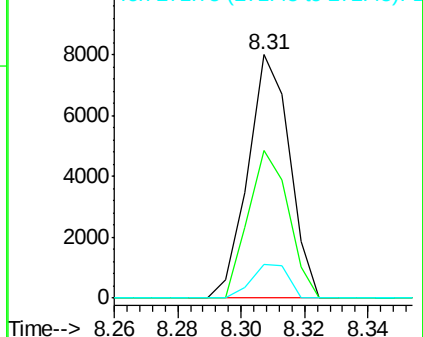
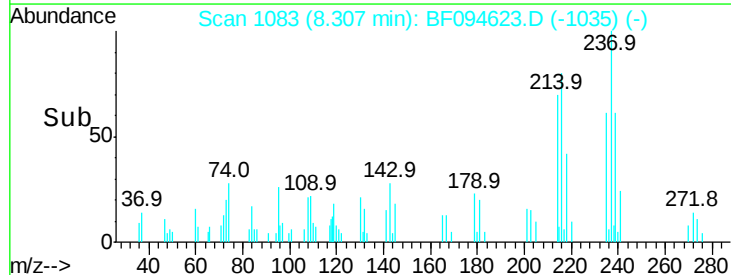


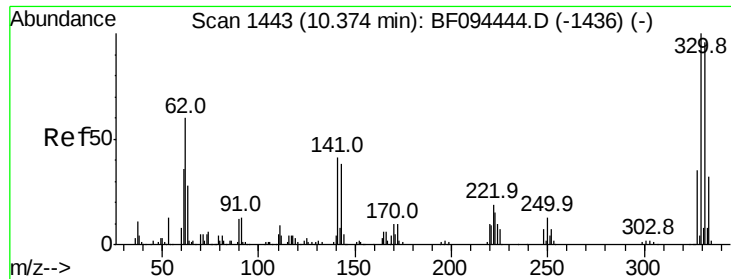
#40
 Hexachlorocyclopentadiene
 Concen: 3.01 ng
 RT: 8.31 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:	237	Resp:	7293
Ion	Ratio	Lower	Upper
237	100		
235	60.9	42.6	82.6
272	13.6	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

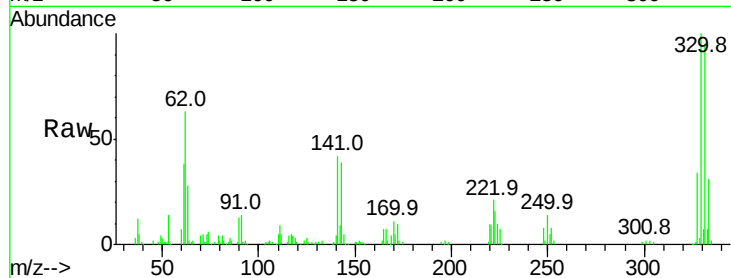




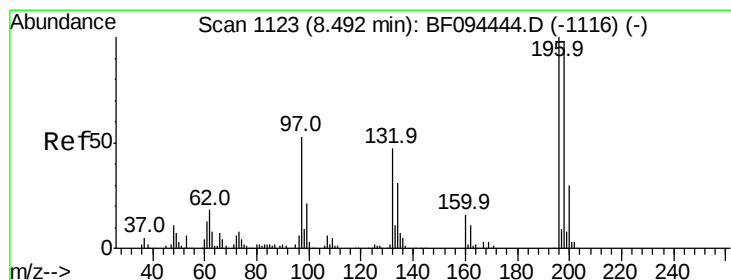
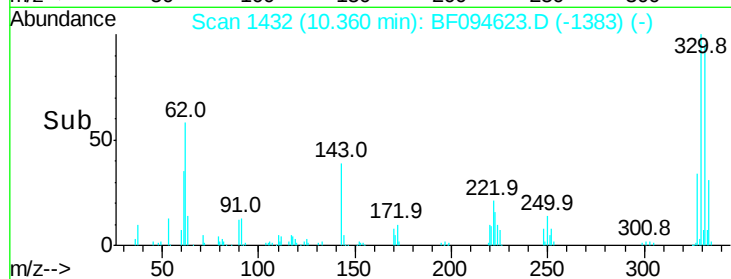
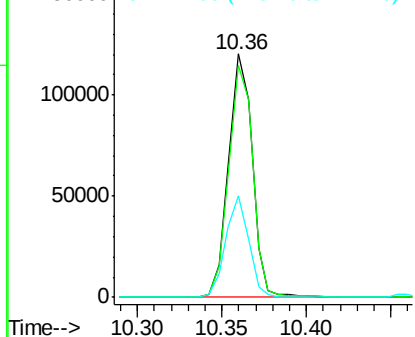
#41
 2,4,6-Tribromophenol
 Concen: 71.49 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 117464
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 40.5 31.4 47.2

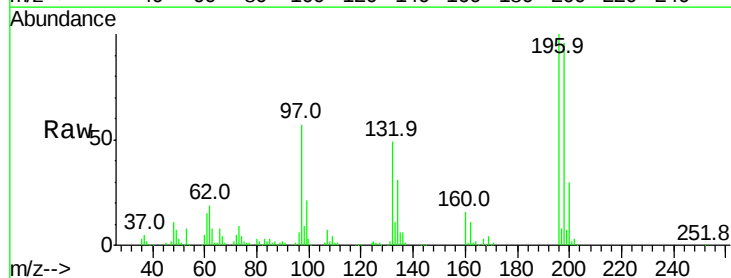


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

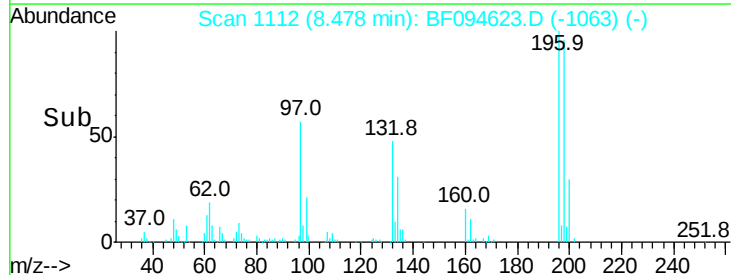
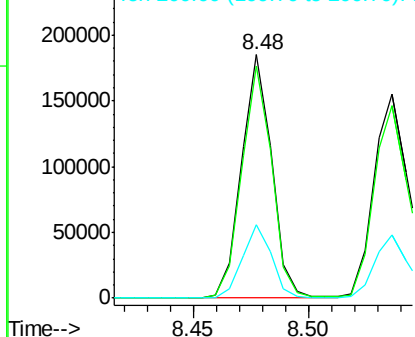


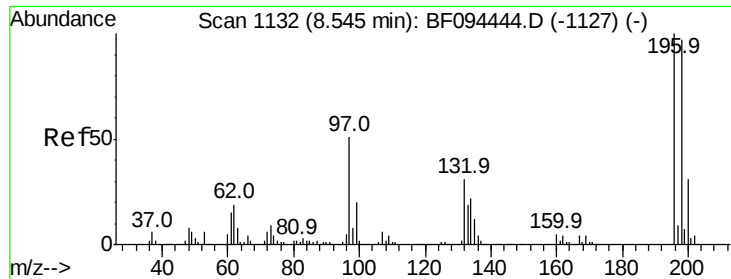
#42
 2,4,6-Trichlorophenol
 Concen: 40.30 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:196 Resp: 169303
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 200 30.1 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

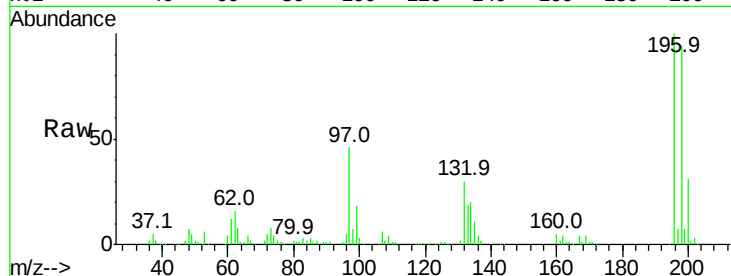




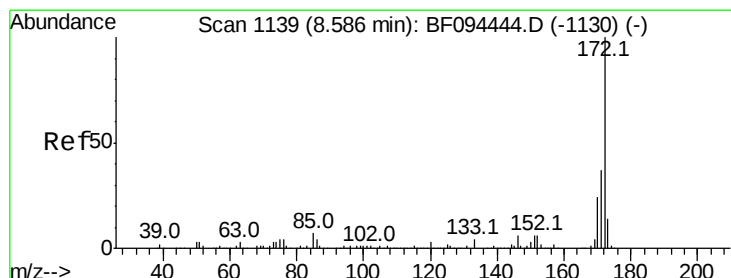
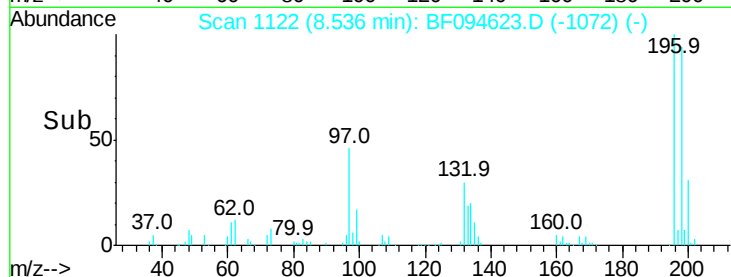
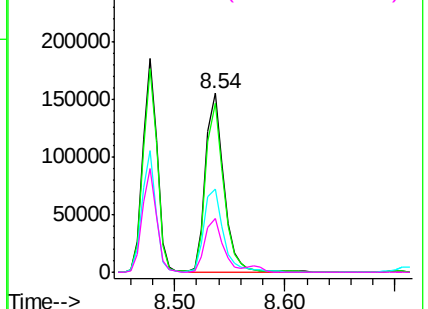
#43
 2,4,5-Trichlorophenol
 Concen: 40.38 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 174201
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 97 46.2 47.7 71.5#
 132 30.4 28.0 42.0

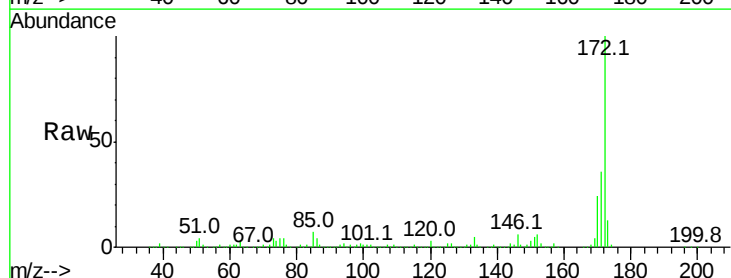


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

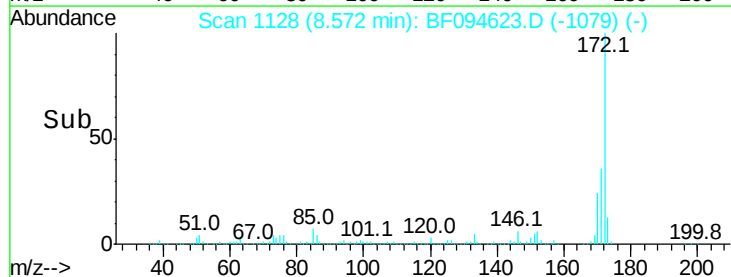
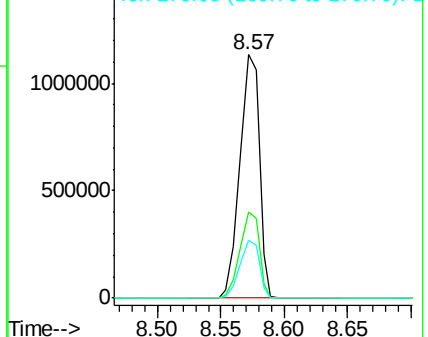


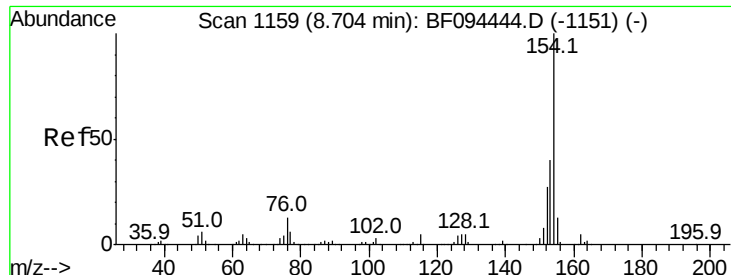
#44
 2-Fluorobiphenyl
 Concen: 83.94 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:172 Resp: 1198372
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.7 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

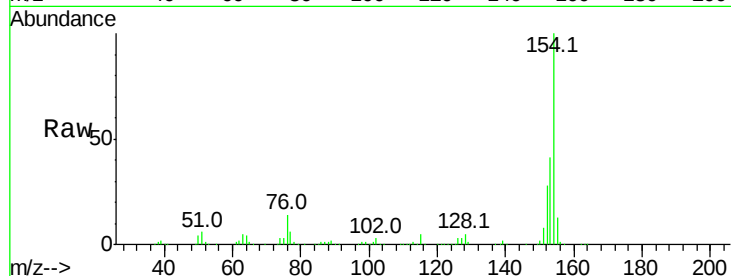




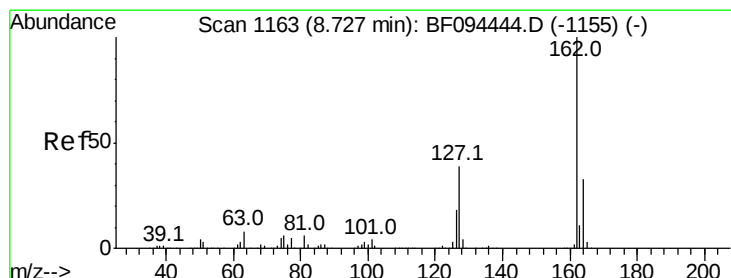
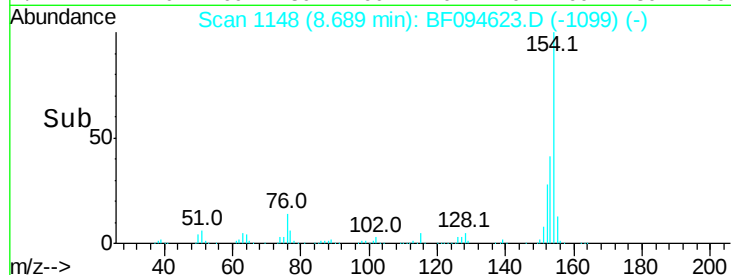
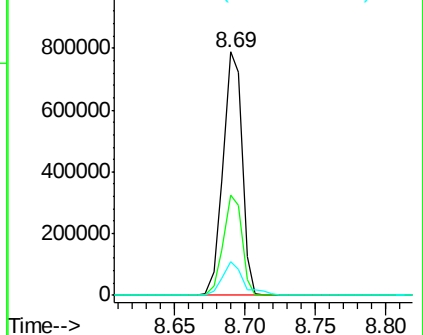
#45
 1,1'-Biphenyl
 Concen: 43.19 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	14.0	0.0	29.9

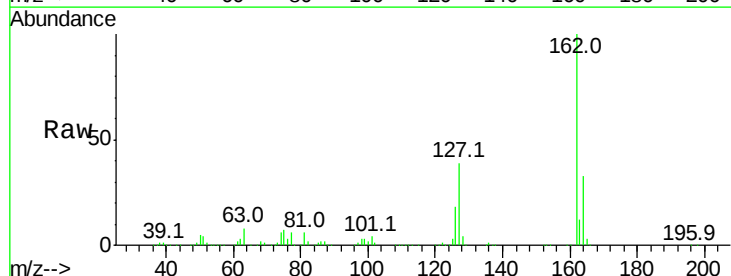


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

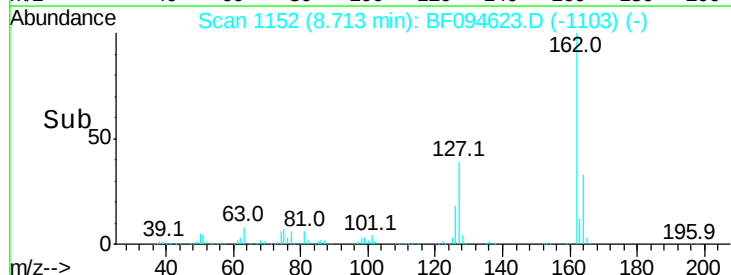
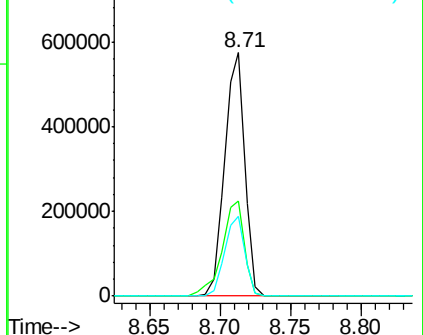


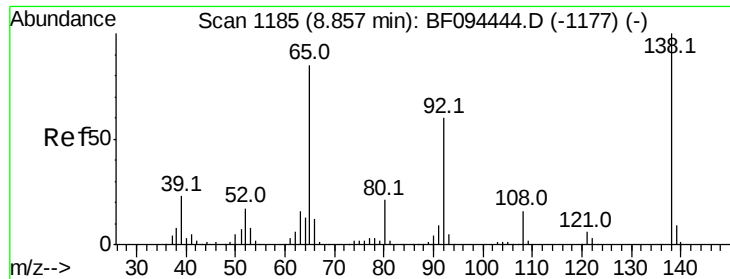
#46
 2-Chloronaphthalene
 Concen: 41.48 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	28.3	42.5
164	32.8	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

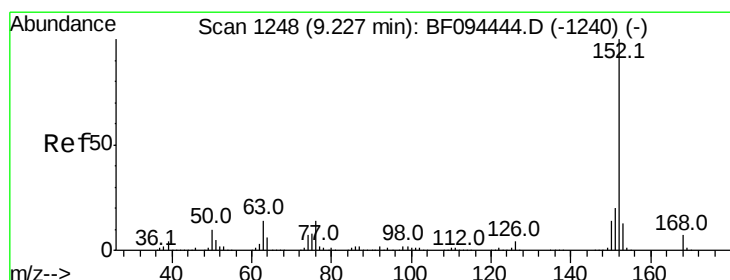
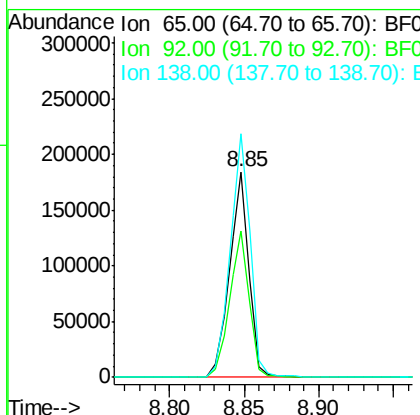
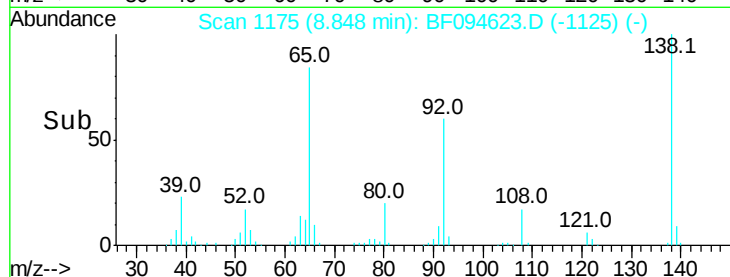
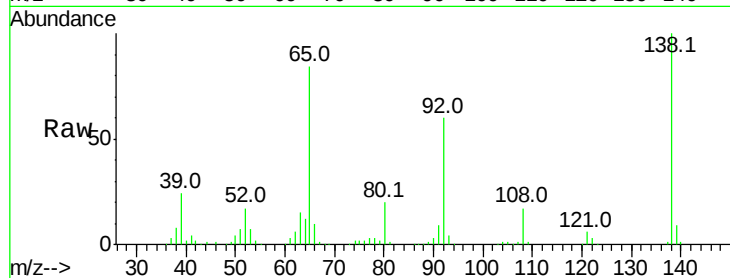




#47
 2-Nitroaniline
 Concen: 43.37 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

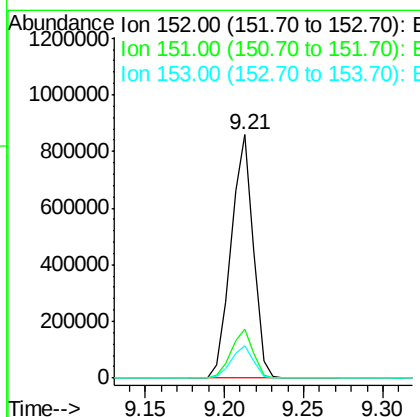
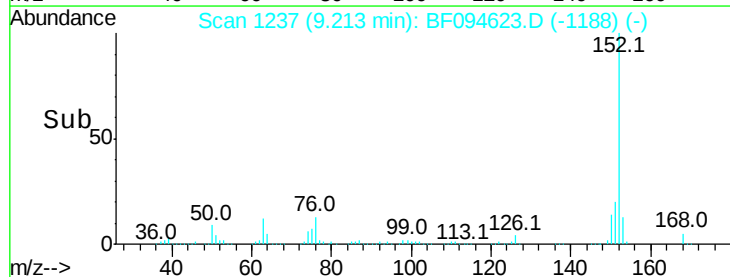
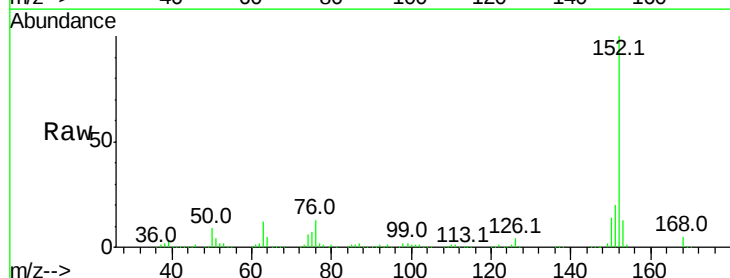
Instrument :
 BNA_F
 ClientSampled :

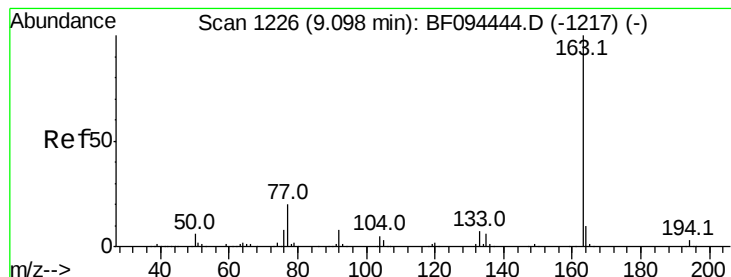
Tot Ion: 65 Resp: 170256
 Ion Ratio Lower Upper
 65 100
 92 71.5 53.9 80.9
 138 118.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.00 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:152 Resp: 829664
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 44.17 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

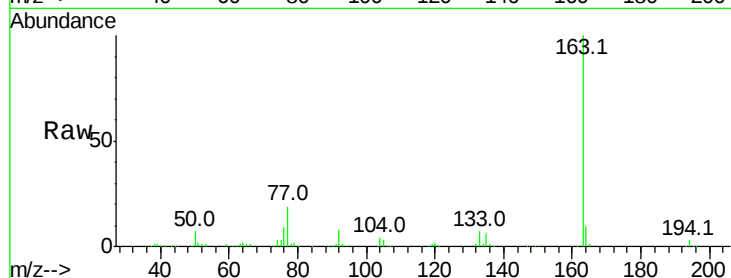
Tot Ion:163 Resp: 691508

Ion Ratio Lower Upper

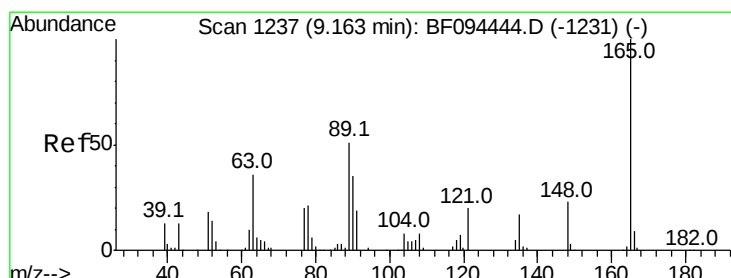
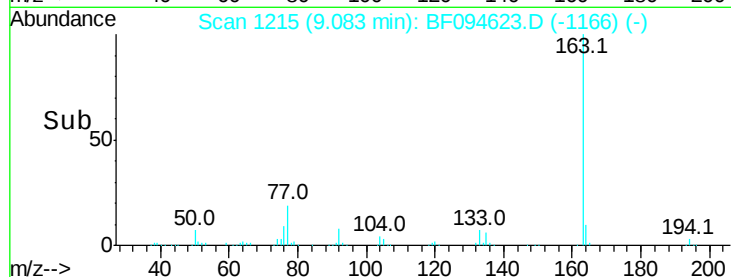
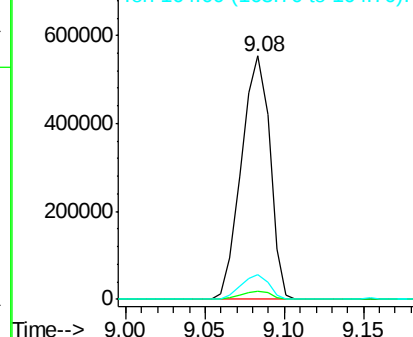
163 100

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: 37.79 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

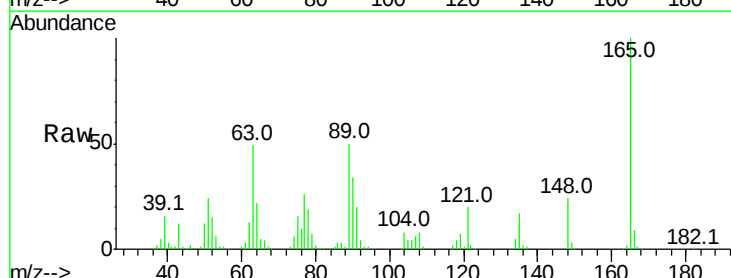
Tgt Ion:165 Resp: 132780

Ion Ratio Lower Upper

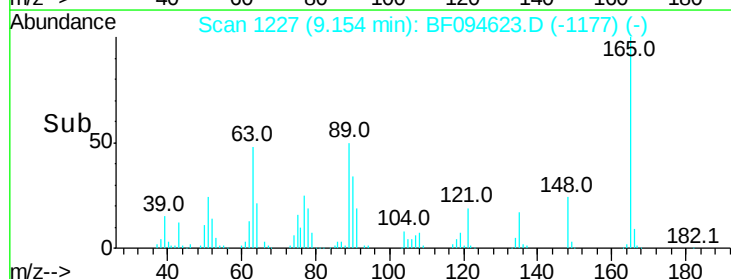
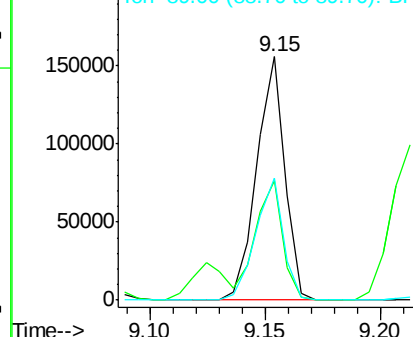
165 100

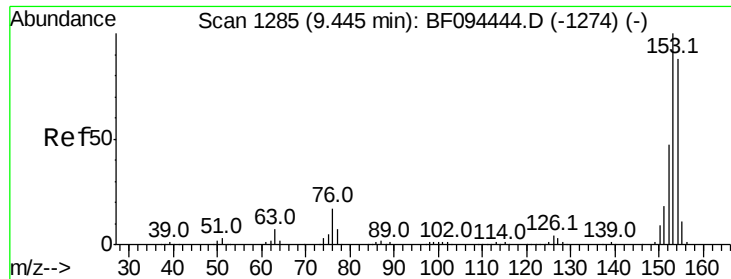
63 49.1 34.3 51.5

89 50.0 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

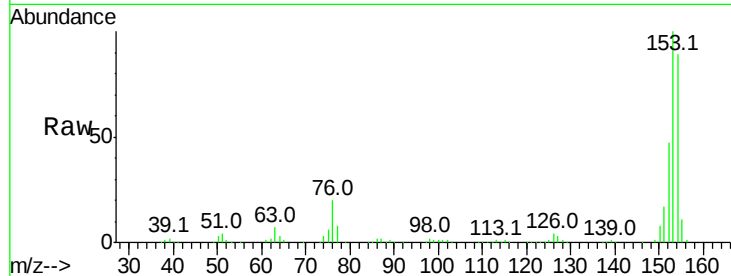




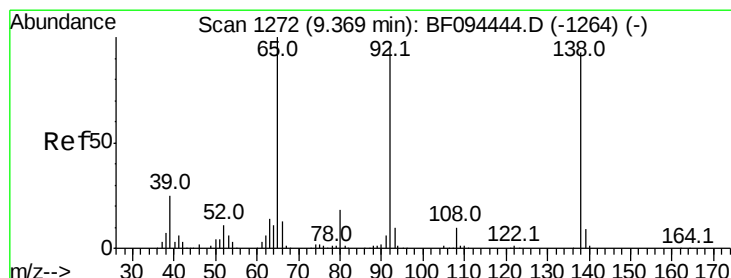
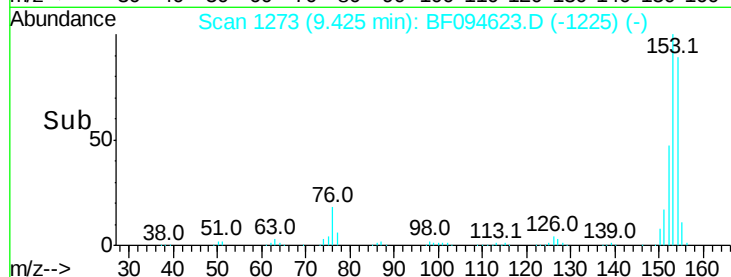
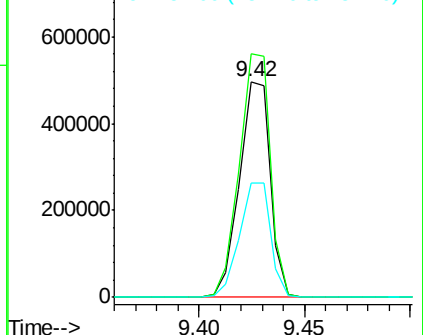
#51
Acenaphthene
Concen: 39.37 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 501712
Ion Ratio Lower Upper
154 100
153 112.9 90.5 135.7
152 53.3 43.6 65.4

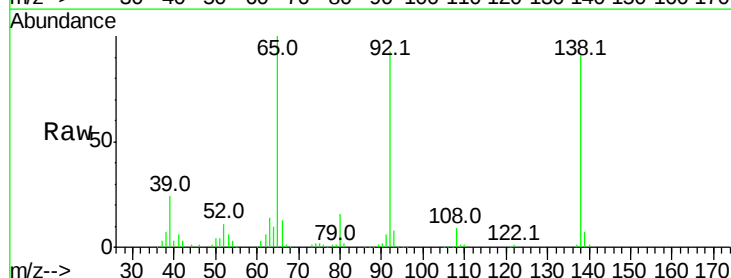


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

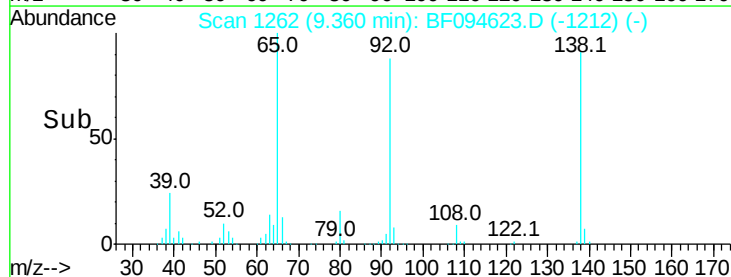
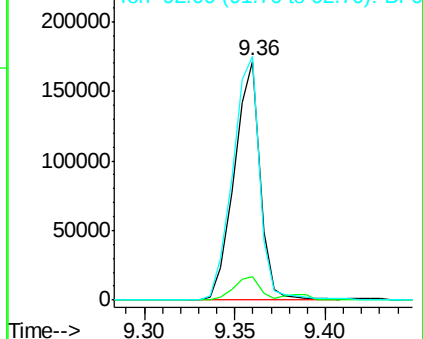


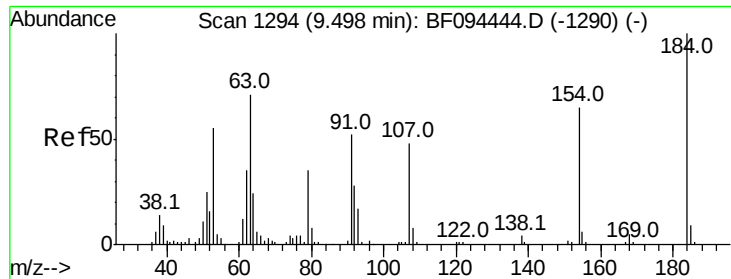
#52
3-Nitroaniline
Concen: 41.85 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion:138 Resp: 170121
Ion Ratio Lower Upper
138 100
108 10.0 9.1 13.7
92 102.1 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

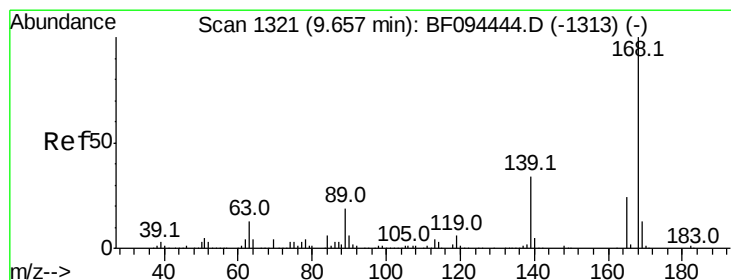
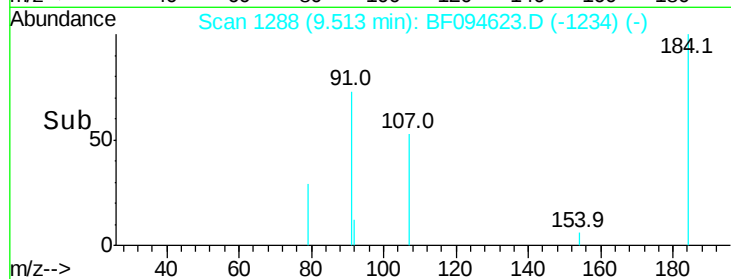
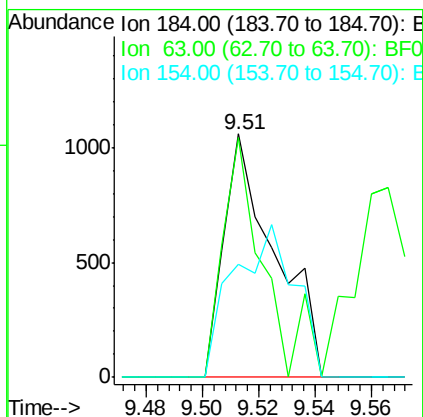
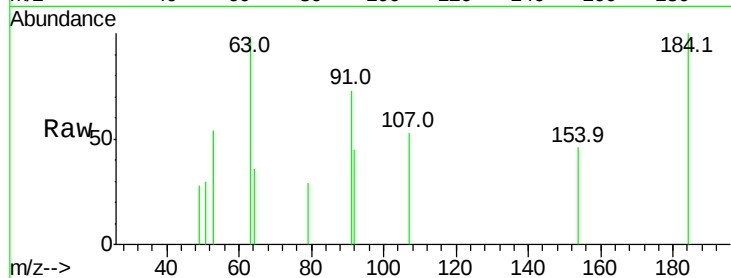




#53
 2,4-Dinitrophenol
 Concen: 6.40 ng
 RT: 9.51 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

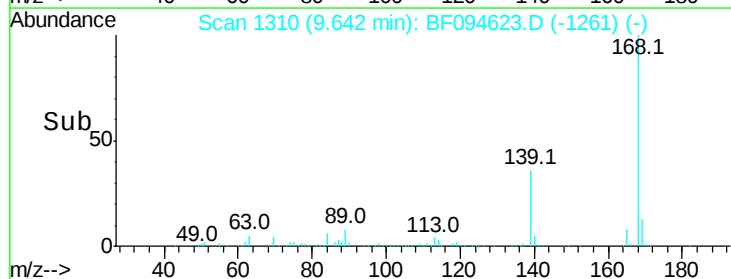
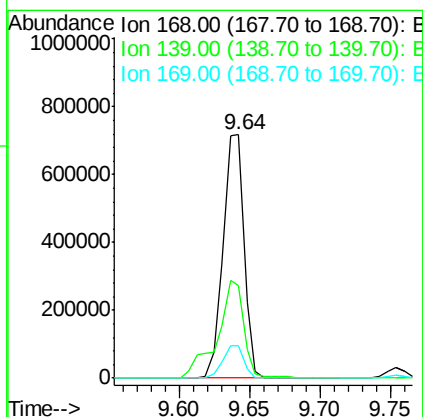
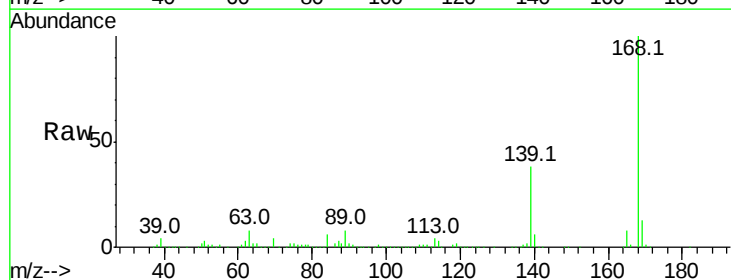
Instrument :
 BNA_F
 ClientSampled :

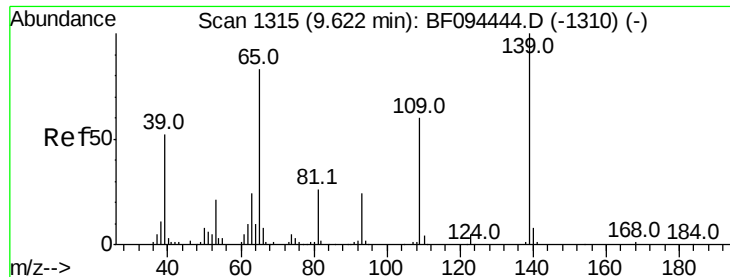
Tot Ion:184 Resp: 1327
 Ion Ratio Lower Upper
 184 100
 63 98.4 62.7 94.1#
 154 46.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.91 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:168 Resp: 739164
 Ion Ratio Lower Upper
 168 100
 139 37.9 30.6 45.8
 169 13.1 10.8 16.2





#55

4-Nitrophenol

Concen: 133.09 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

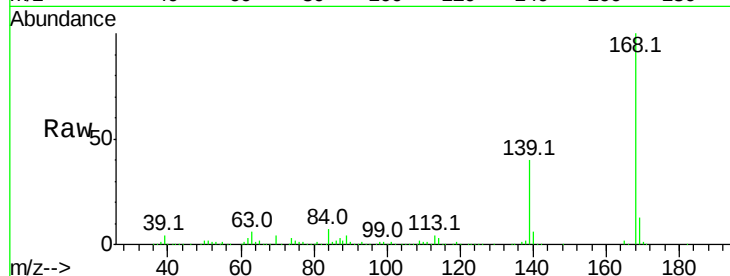
Tot Ion:139 Resp: 382239

Ion Ratio Lower Upper

139 100

109 4.1 34.1 74.1#

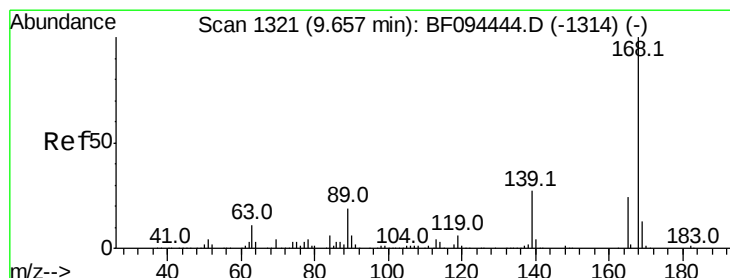
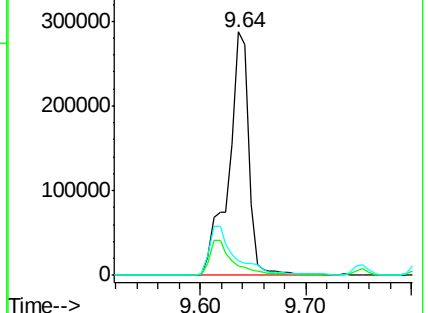
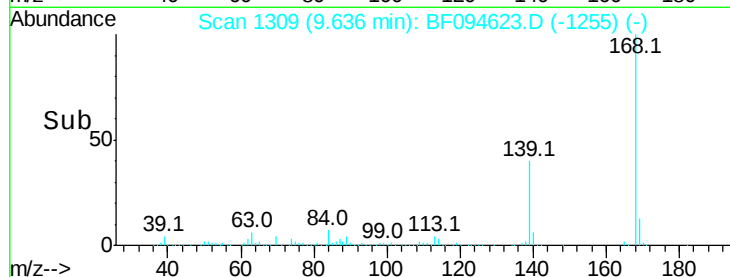
65 6.2 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.25 ng

RT: 9.65 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Tgt Ion:165 Resp: 156302

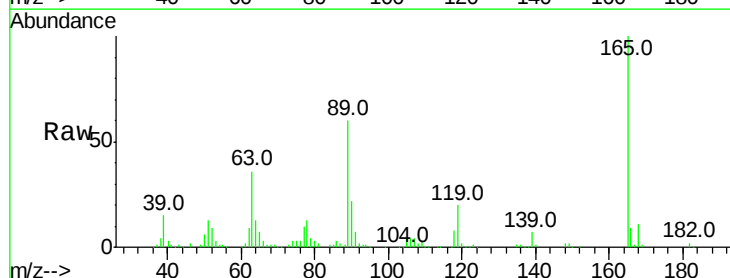
Ion Ratio Lower Upper

165 100

63 36.0 25.4 38.0

89 60.0 46.4 69.6

182 2.4 1.8 2.6

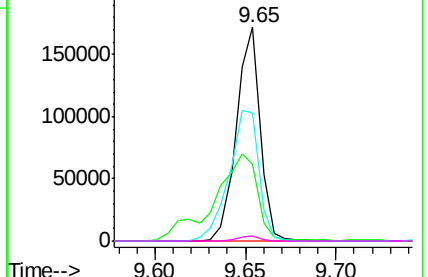
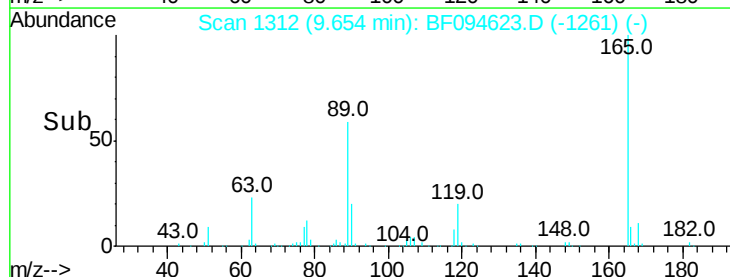


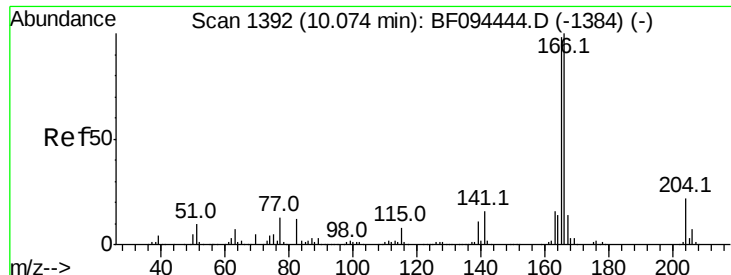
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.49 ng

RT: 10.06 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

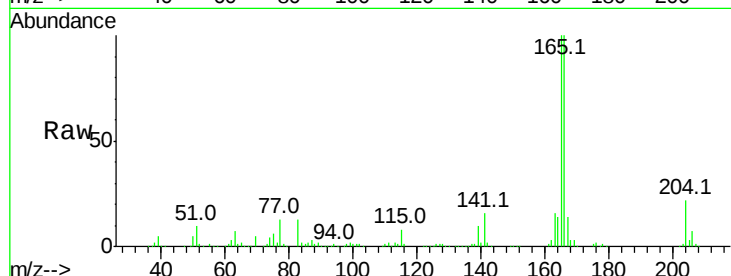
Tot Ion:166 Resp: 540640

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

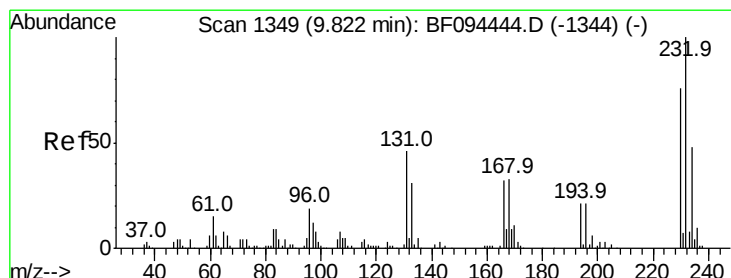
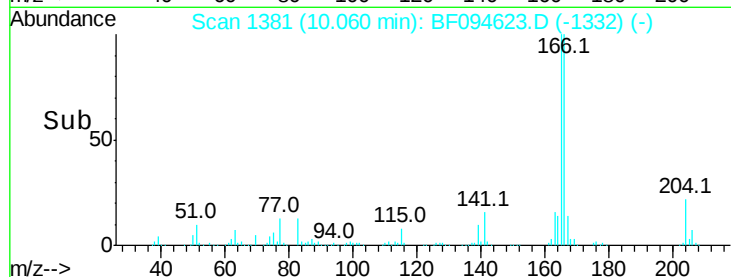
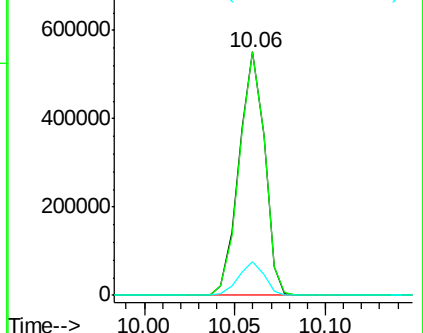
167 13.7 10.6 16.0



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: 36.22 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Tgt Ion:232 Resp: 111977

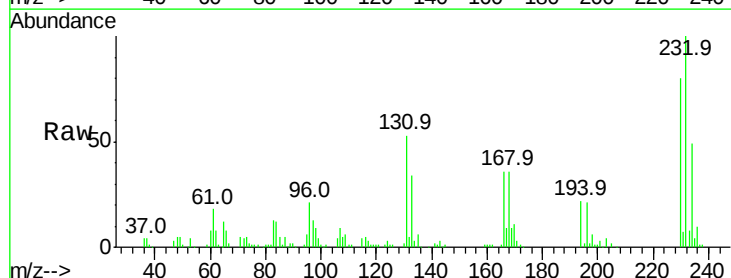
Ion Ratio Lower Upper

232 100

131 50.0 44.8 67.2

130 2.2 2.3 3.5#

166 33.9 29.0 43.4

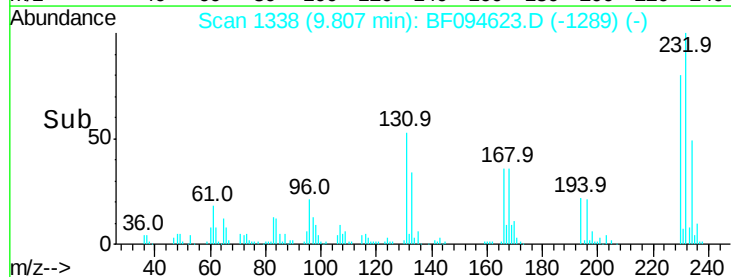
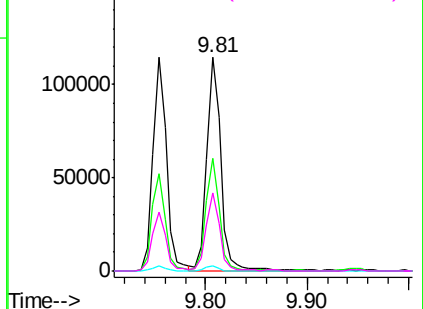


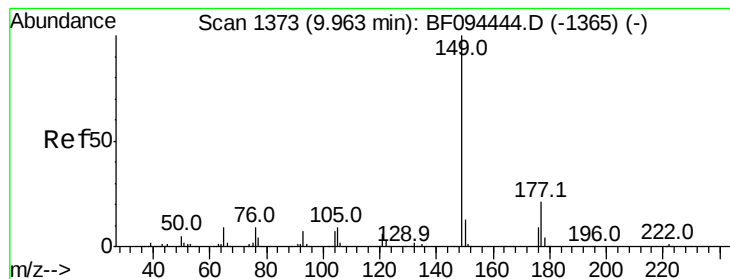
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.79 ng

RT: 9.95 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

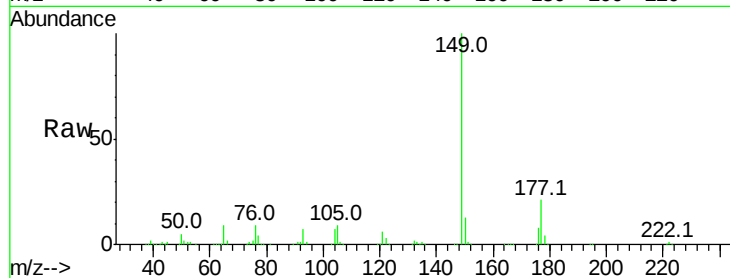
Tot Ion:149 Resp: 632011

Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

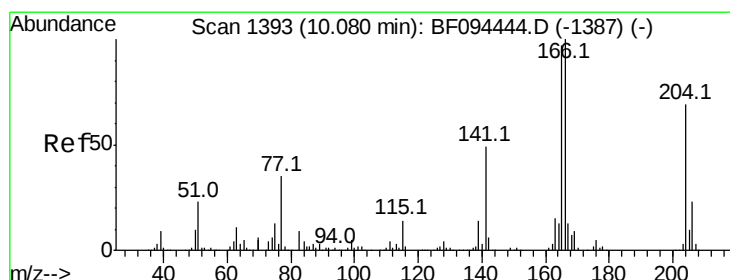
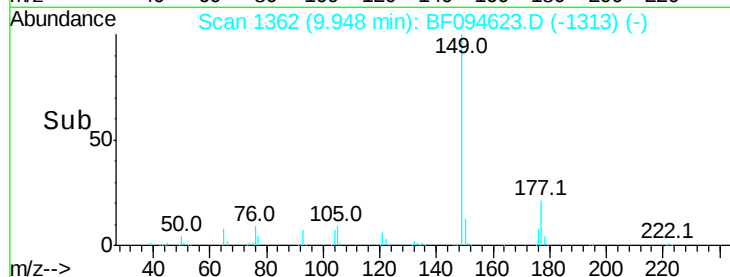
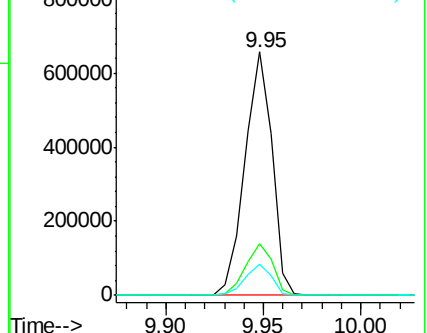
150 12.7 10.2 15.2



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: 40.72 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

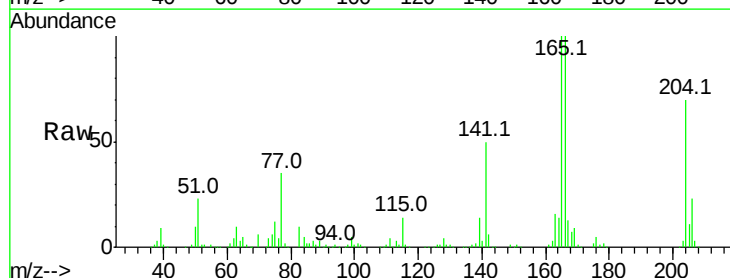
Tgt Ion:204 Resp: 244398

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

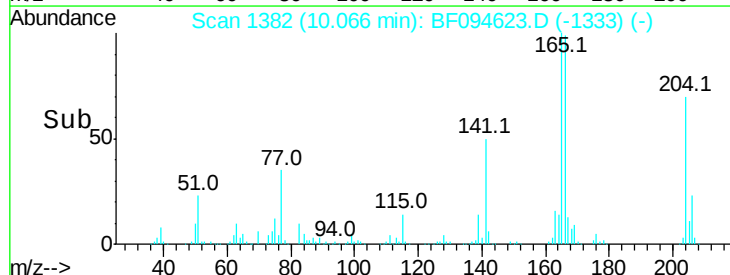
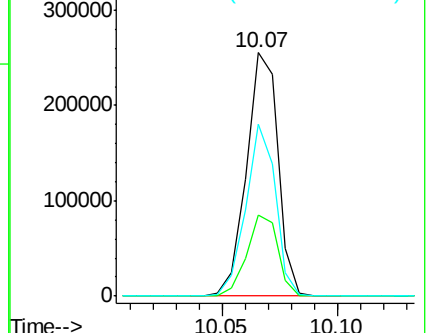
141 70.7 60.8 91.2

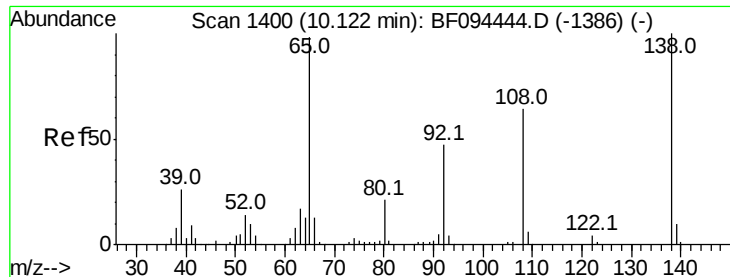


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

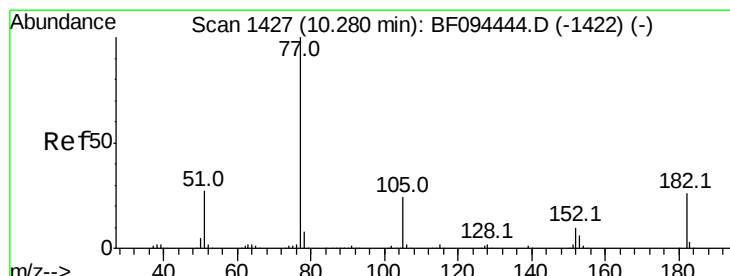
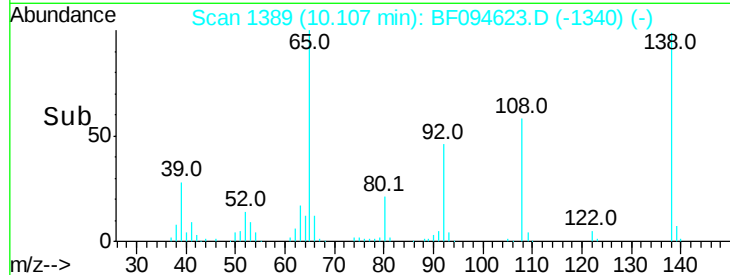
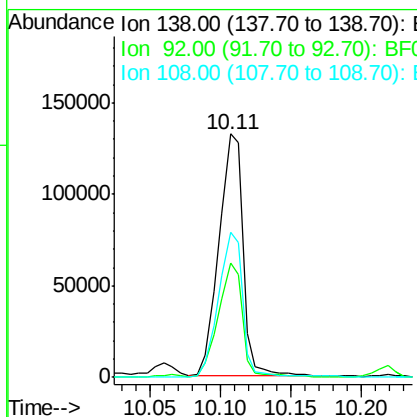
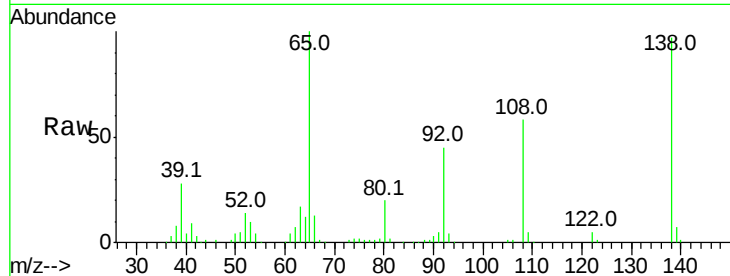




#61
 4-Nitroaniline
 Concen: 38.18 ng
 RT: 10.11 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

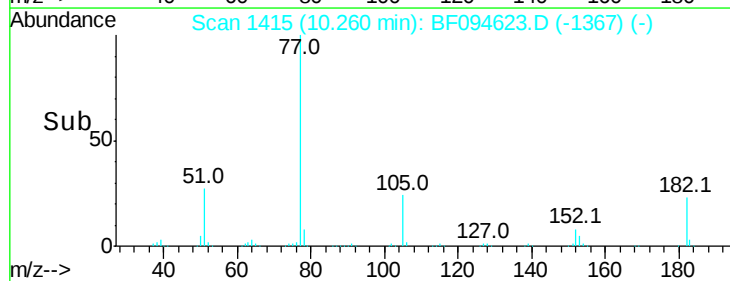
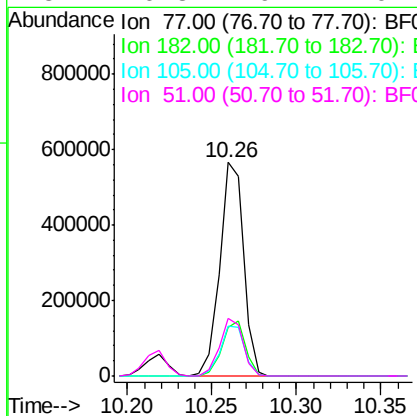
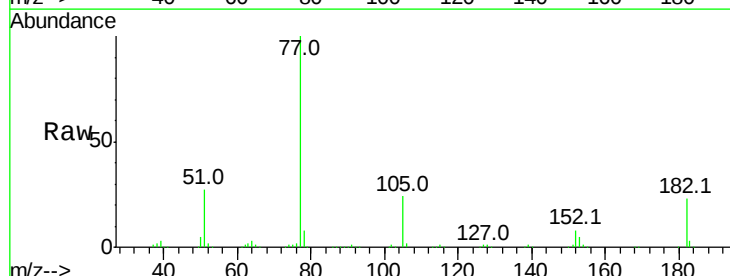
Instrument :
 BNA_F
 ClientSampleId :

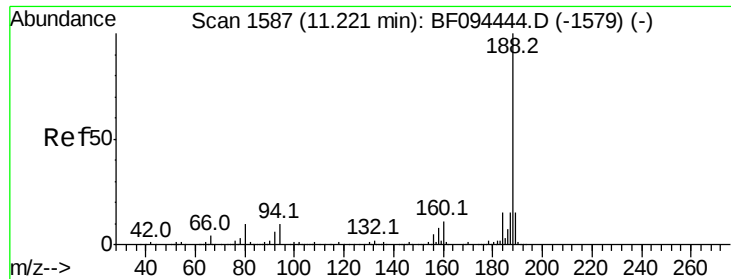
Tot Ion:138 Resp: 157793
 Ion Ratio Lower Upper
 138 100
 92 46.8 21.8 61.8
 108 59.8 42.3 82.3



#62
 Azobenzene
 Concen: 38.74 ng
 RT: 10.26 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion: 77 Resp: 555529
 Ion Ratio Lower Upper
 77 100
 182 22.7 0.1 40.1
 105 23.6 3.6 43.6
 51 26.8 9.4 49.4

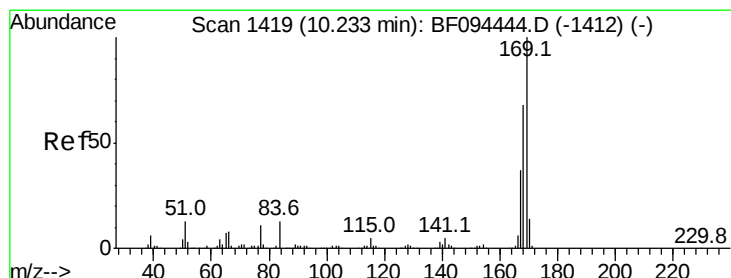
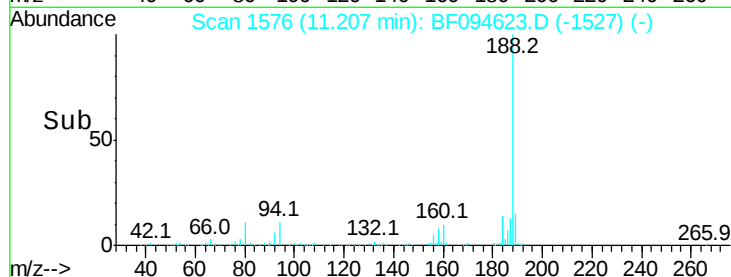
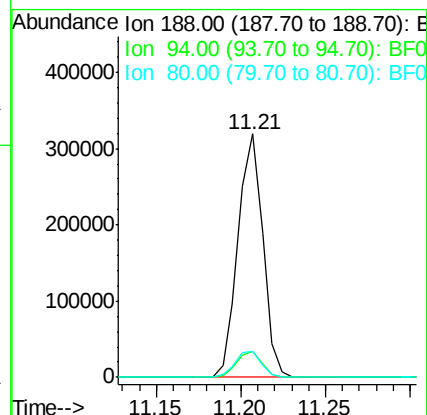
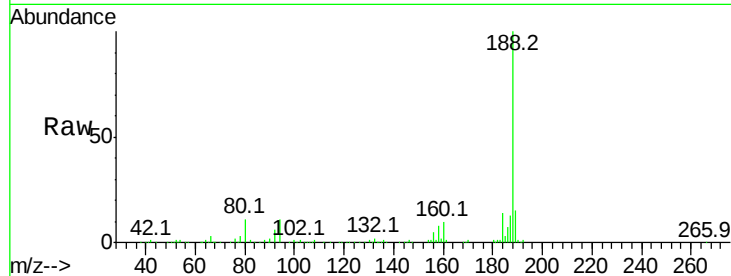




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

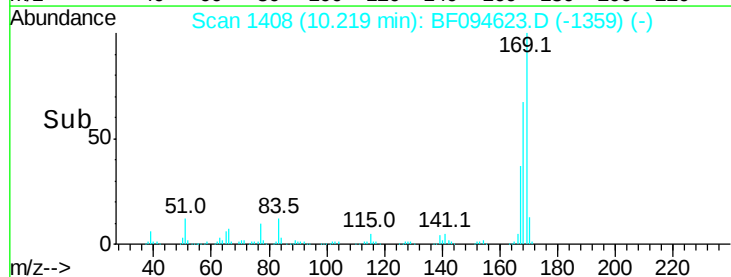
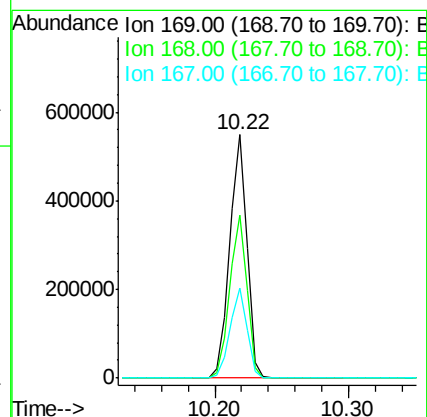
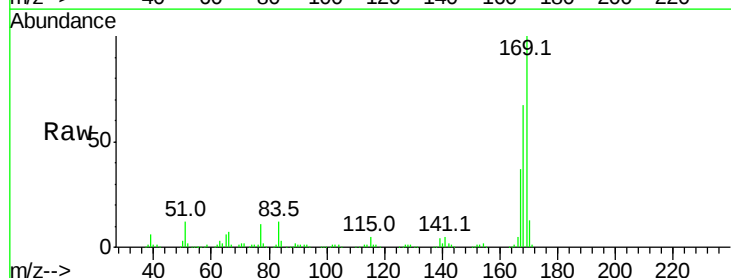
Instrument :
BNA_F
ClientSampleId :

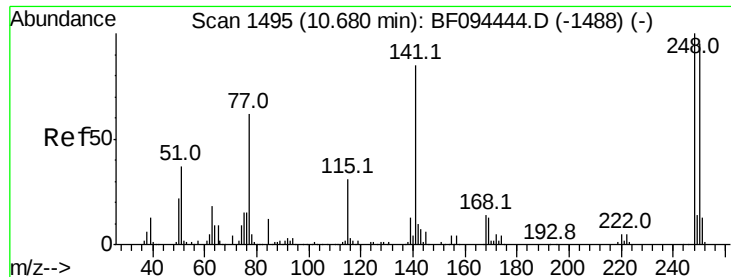
Tot Ion:188 Resp: 326946
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.6 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 44.20 ng
RT: 10.22 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion:169 Resp: 502556
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.9 29.5 44.3

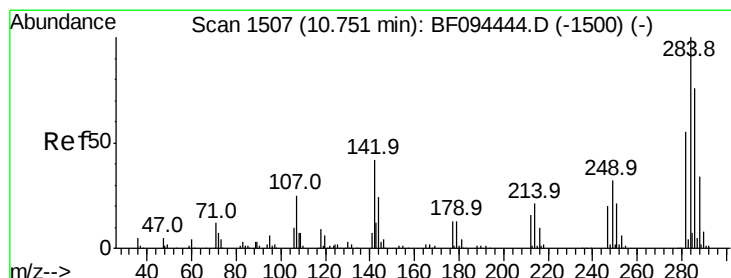
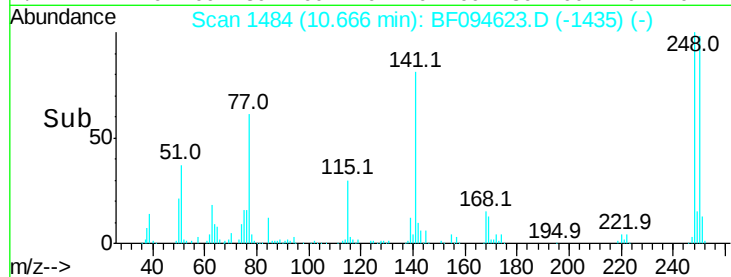
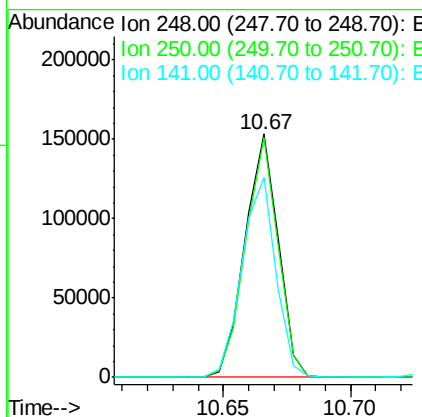
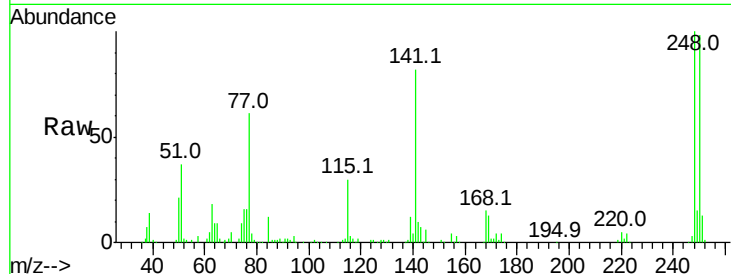




#66
 4-Bromophenyl-phenylether
 Concen: 43.13 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

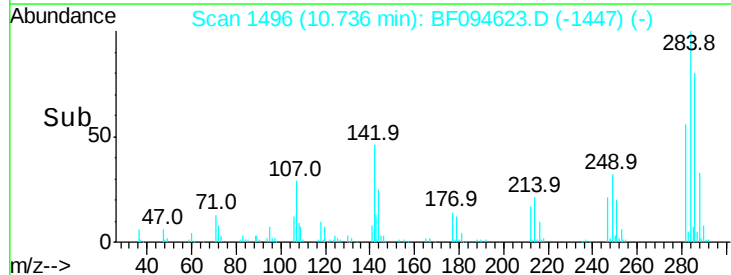
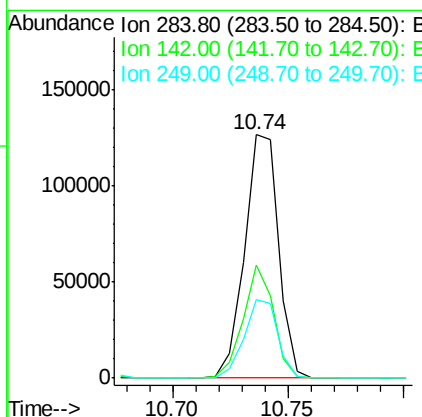
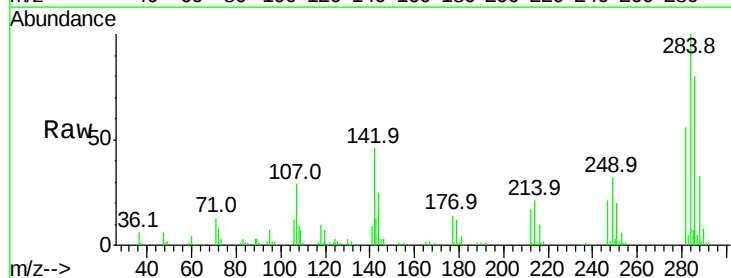
Instrument :
 BNA_F
 ClientSampleId :

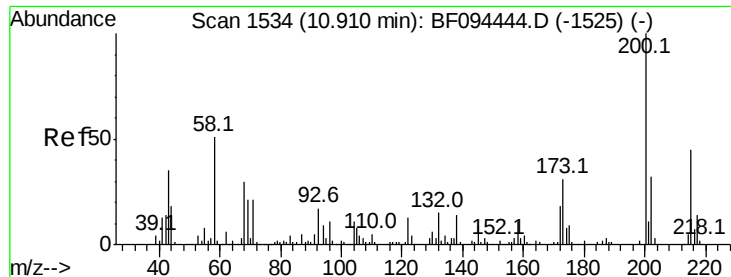
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.8	115.2
141	82.0	68.6	103.0



#67
 Hexachlorobenzene
 Concen: 39.84 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.2	22.8	34.2#
249	32.5	24.0	36.0

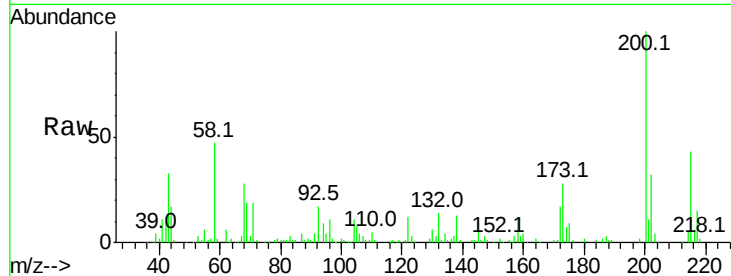




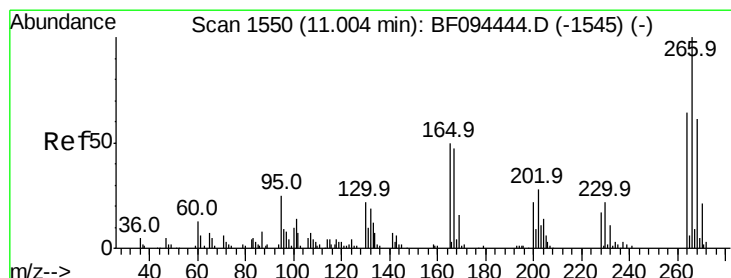
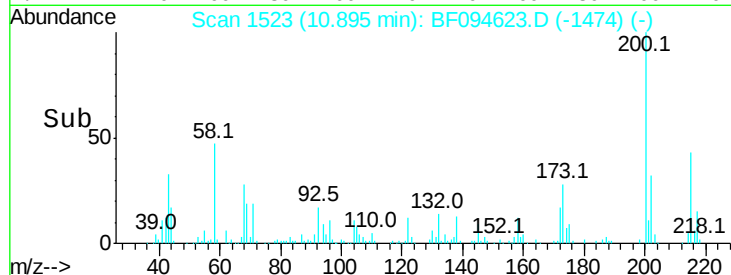
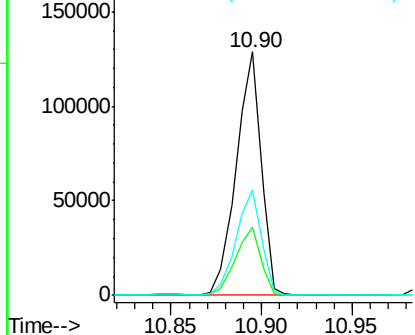
#68
 Atrazine
 Concen: 36.14 ng
 RT: 10.90 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 122952
 Ion Ratio Lower Upper
 200 100
 173 28.0 6.3 46.3
 215 43.3 27.2 67.2

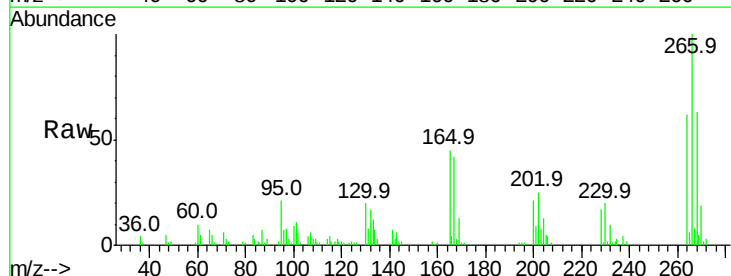


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

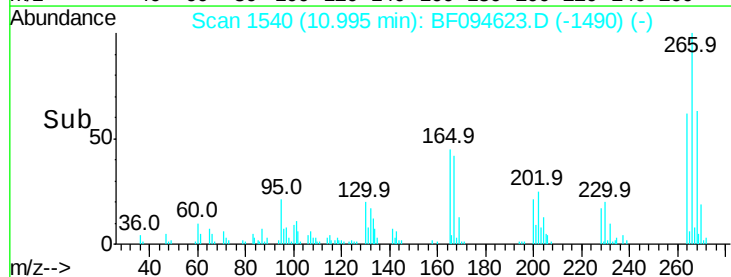
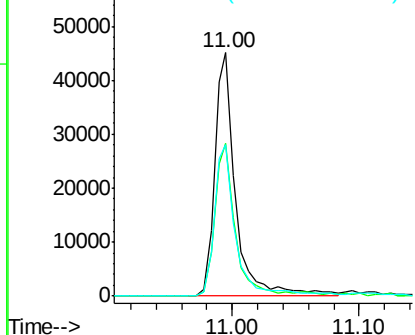


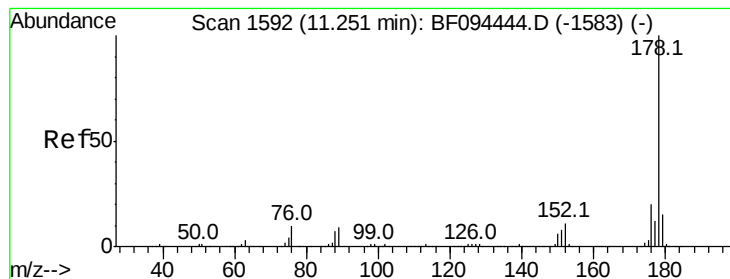
#69
 Pentachlorophenol
 Concen: 40.32 ng
 RT: 11.00 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:266 Resp: 52382
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 62.4 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: 38.70 ng

RT: 11.24 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

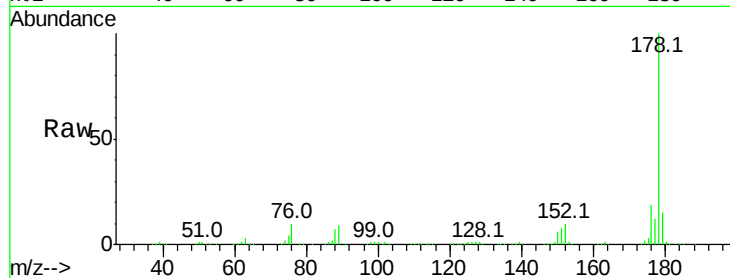
Tot Ion:178 Resp: 712538

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

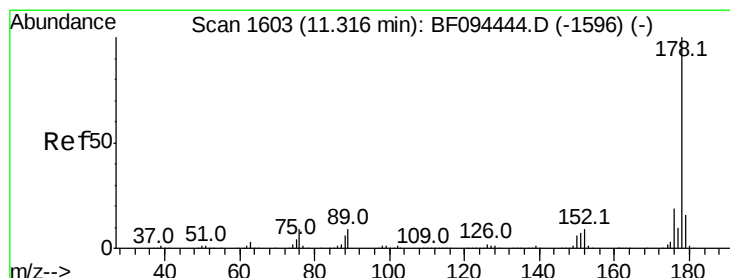
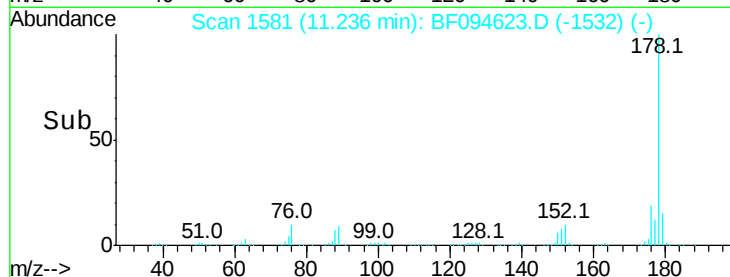
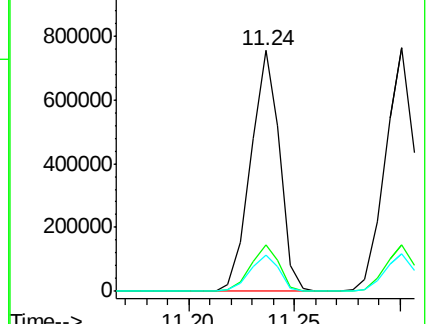
179 15.3 12.6 19.0



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: 38.59 ng

RT: 11.30 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

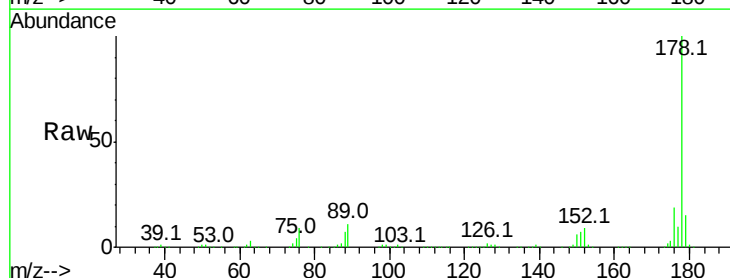
Tgt Ion:178 Resp: 734933

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

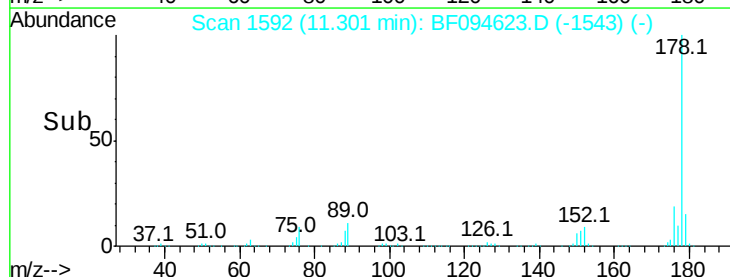
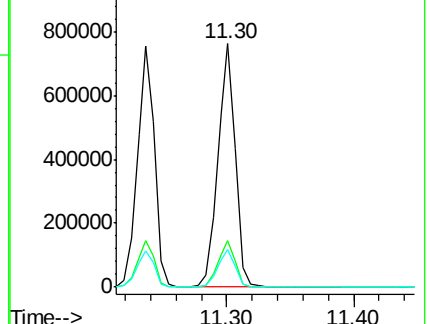
179 15.4 12.7 19.1

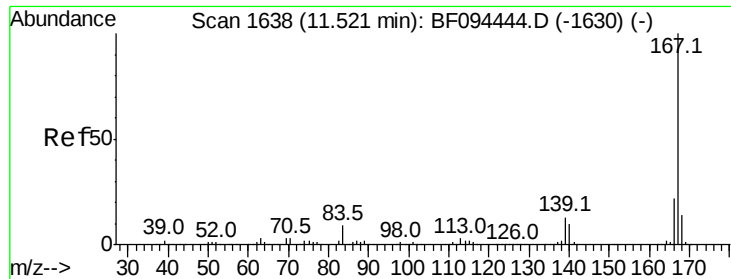


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

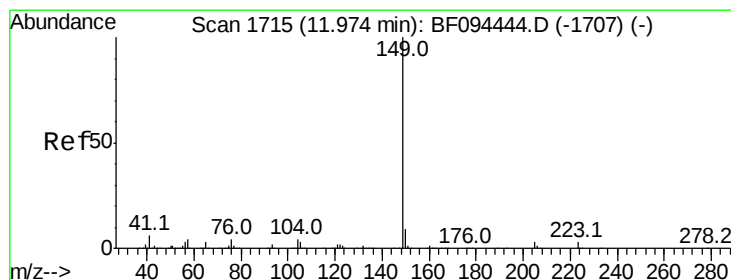
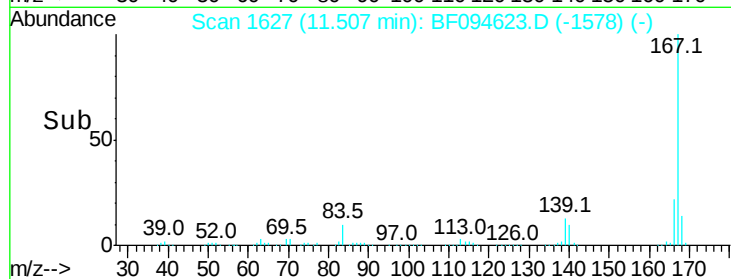
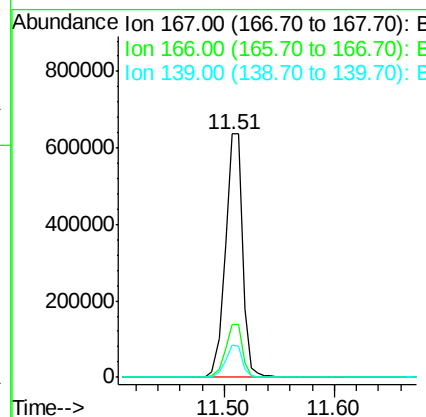
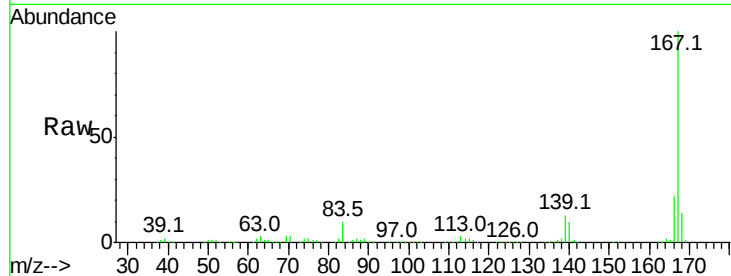




#72
 Carbazole
 Concen: 38.96 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

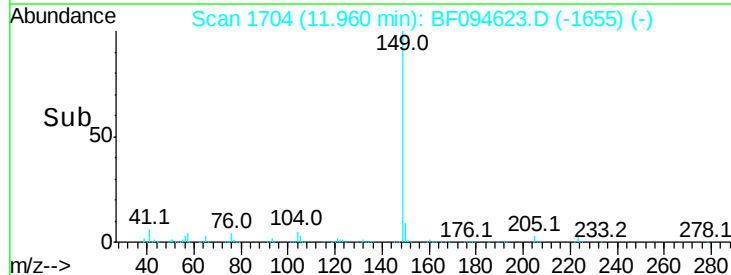
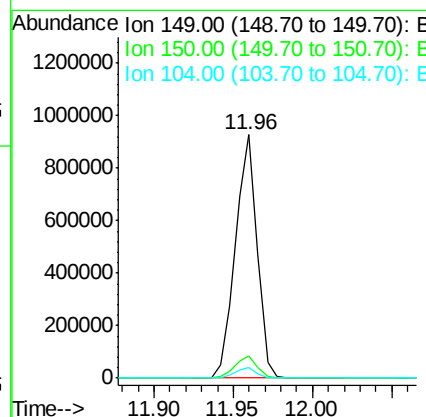
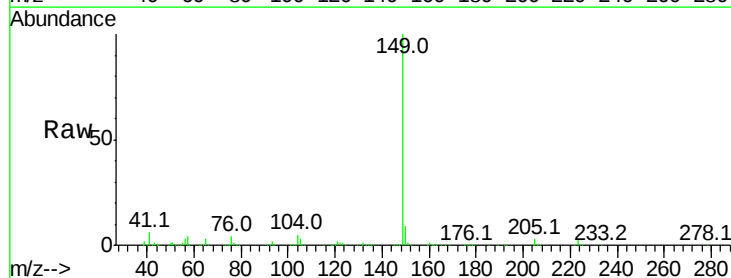
Instrument :
 BNA_F
 ClientSampleId :

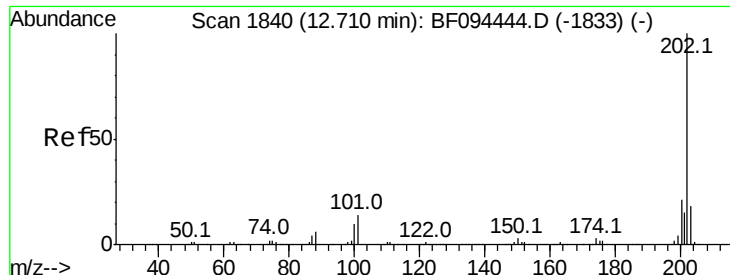
Tot Ion:167 Resp: 696400
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 13.4 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 44.66 ng
 RT: 11.96 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:149 Resp: 879047
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.6 4.0 6.0

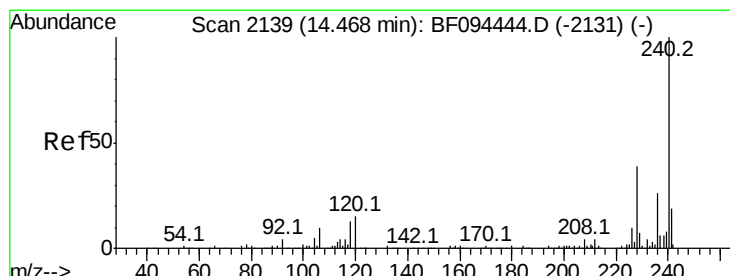
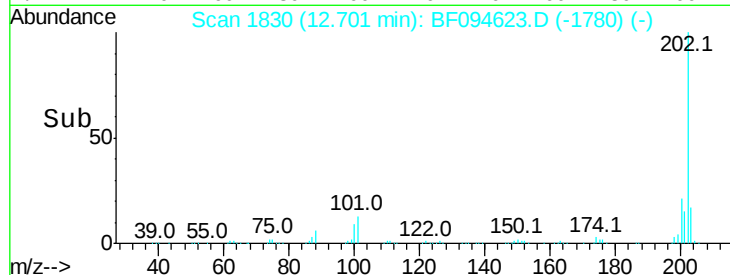
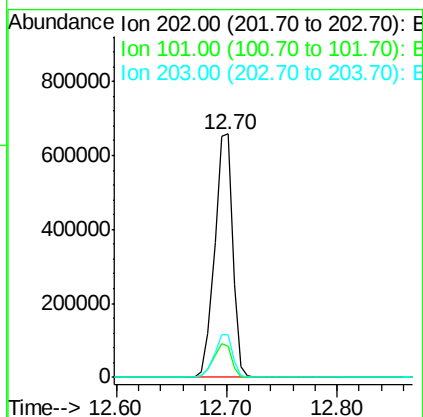
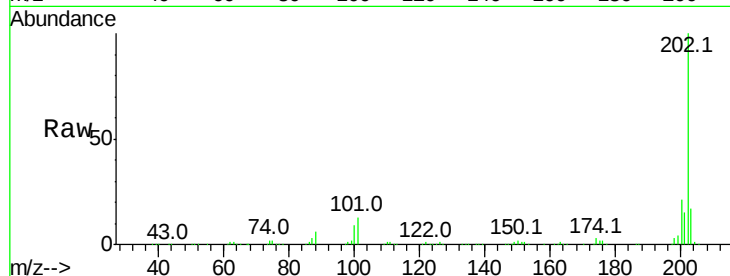




#74
 Fluoranthene
 Concen: 39.03 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

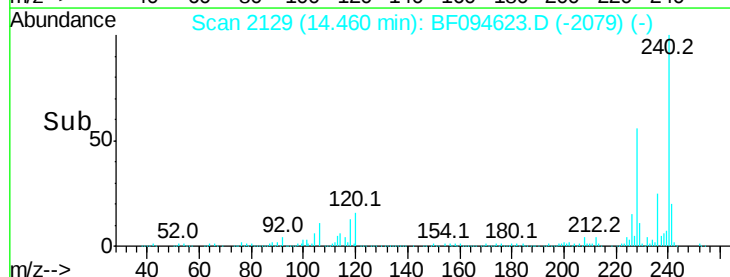
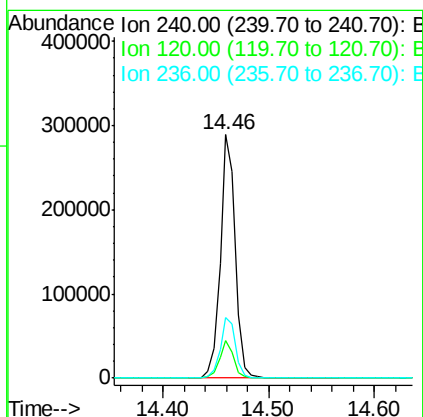
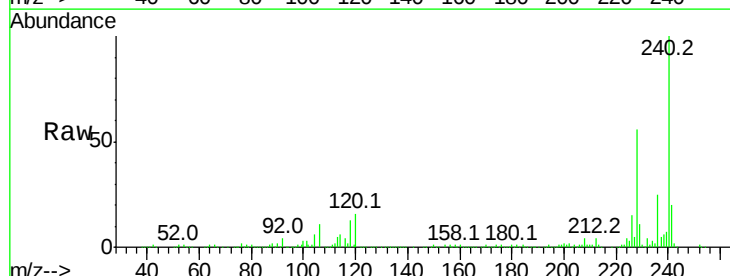
Instrument :
 BNA_F
 ClientSampled :

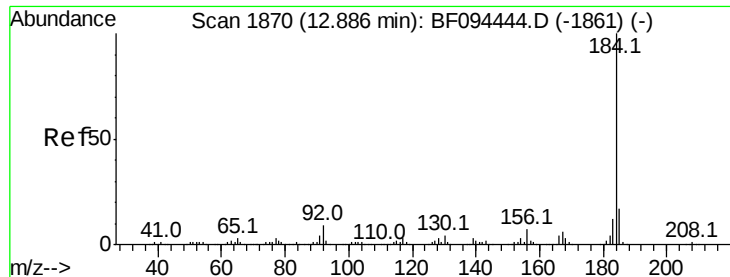
Tot Ion:202 Resp: 744840
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 33.2
 203 17.3 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:240 Resp: 287438
 Ion Ratio Lower Upper
 240 100
 120 15.5 5.8 8.8#
 236 25.1 20.5 30.7





#76

Benzidine

Concen: 35.63 ng

RT: 12.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Instrument :

BNA_F

ClientSampleId :

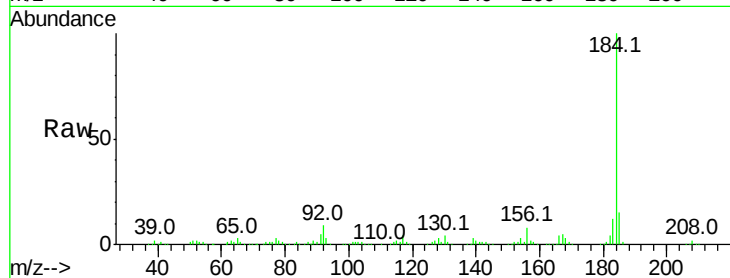
Tot Ion:184 Resp: 414663

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

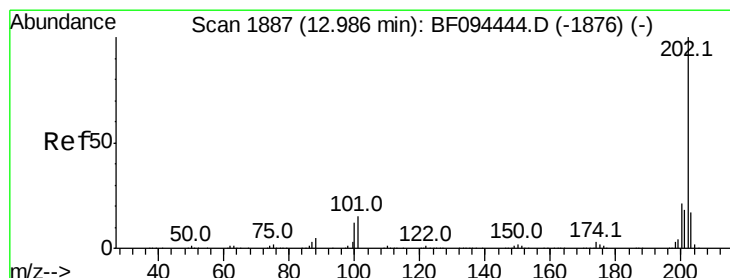
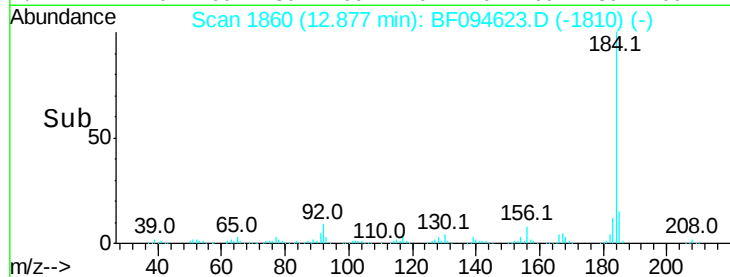
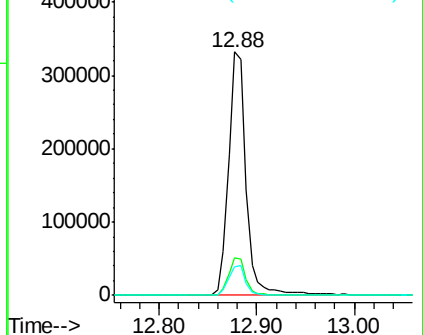
183 11.6 9.8 14.6



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

Pyrene

Concen: 38.03 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

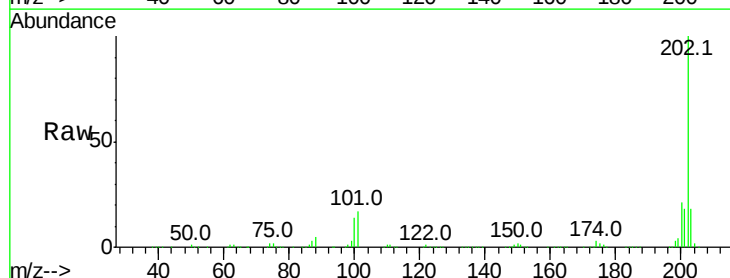
Tgt Ion:202 Resp: 763779

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

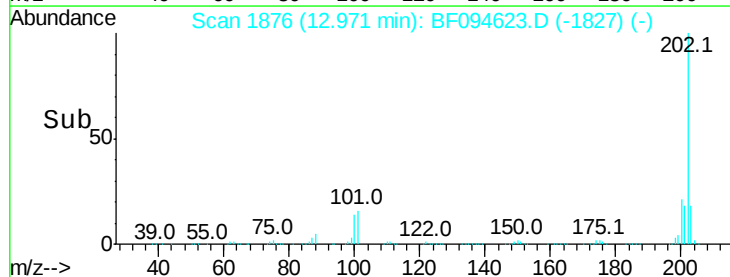
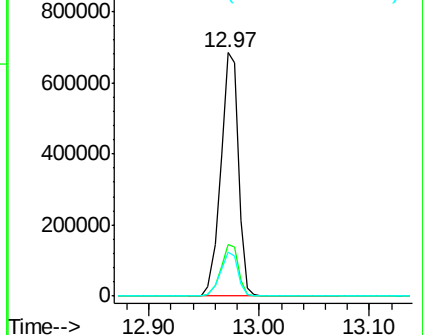
203 17.9 14.4 21.6

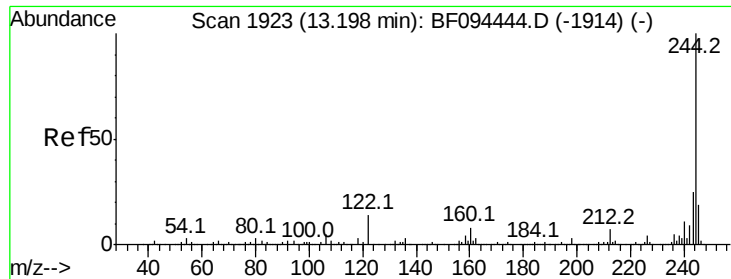


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

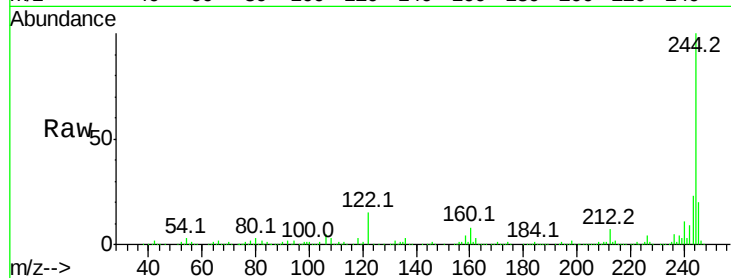




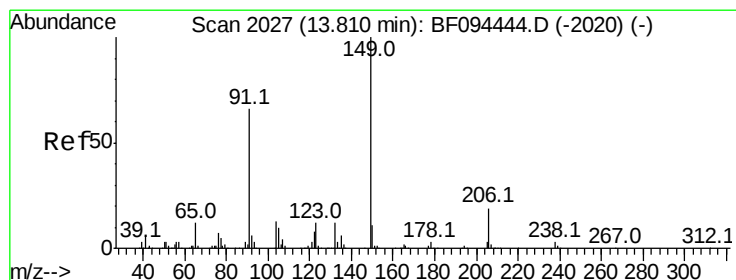
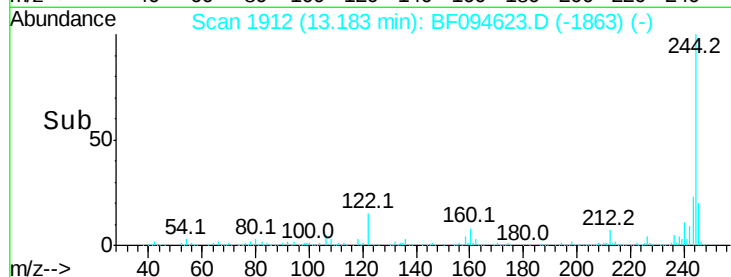
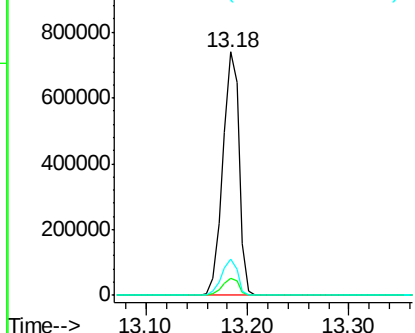
#78
 Terphenyl-d14
 Concen: 76.83 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 826234
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 15.1 10.3 15.5

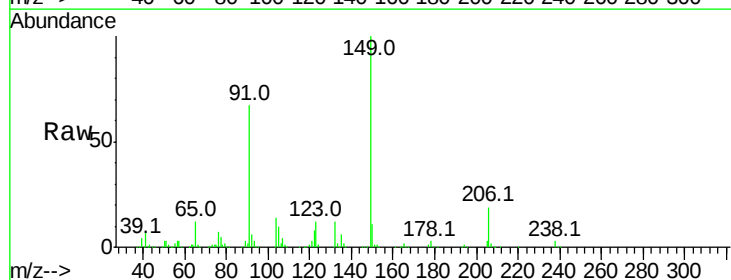


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

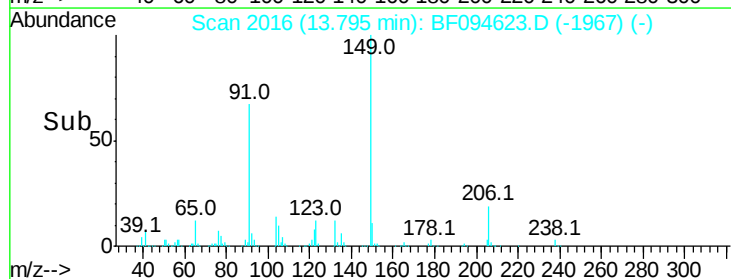
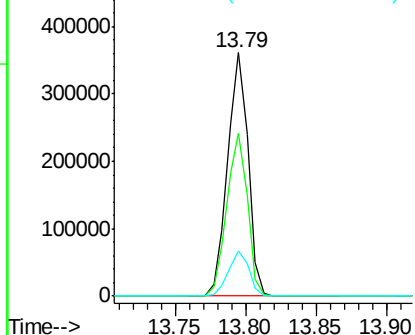


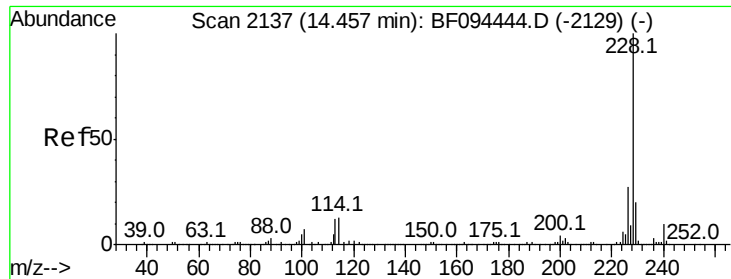
#79
 Butylbenzylphthalate
 Concen: 41.30 ng
 RT: 13.79 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF094623.D
 Acq: 26 Apr 2017 00:39

Tgt Ion:149 Resp: 363466
 Ion Ratio Lower Upper
 149 100
 91 66.9 45.0 67.4
 206 18.7 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

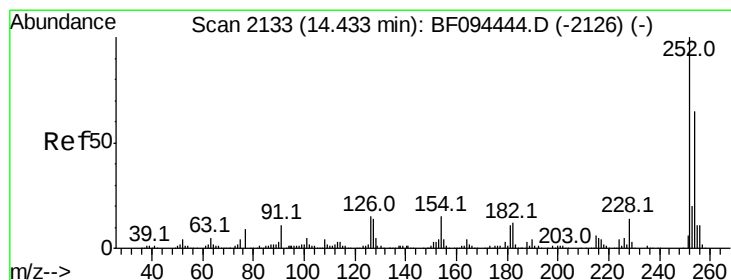
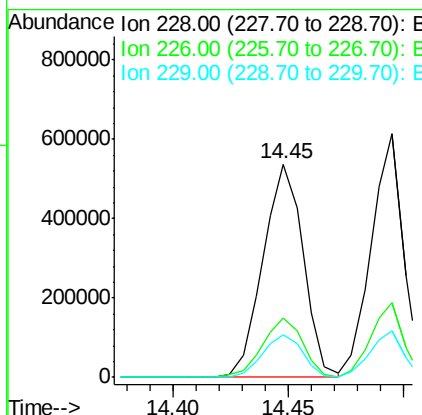
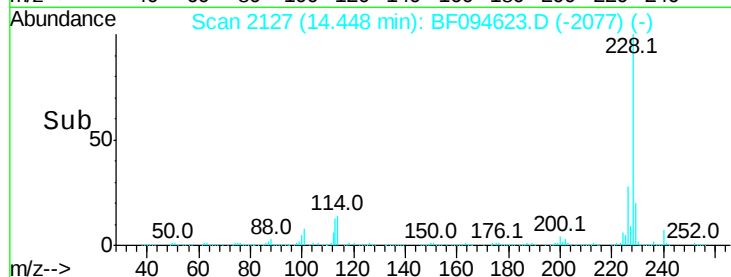
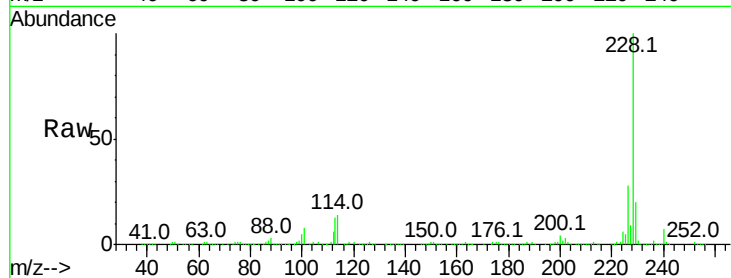




#80
Benzo(a)anthracene
Concen: 38.90 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

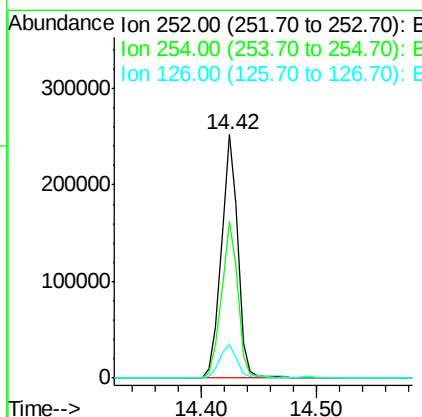
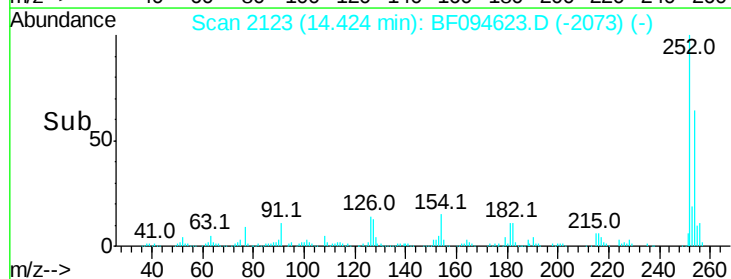
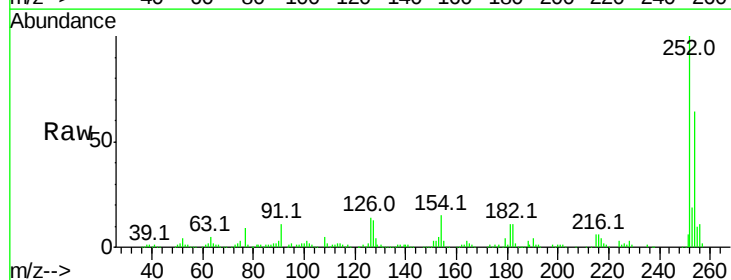
Instrument :
BNA_F
ClientSampleId :

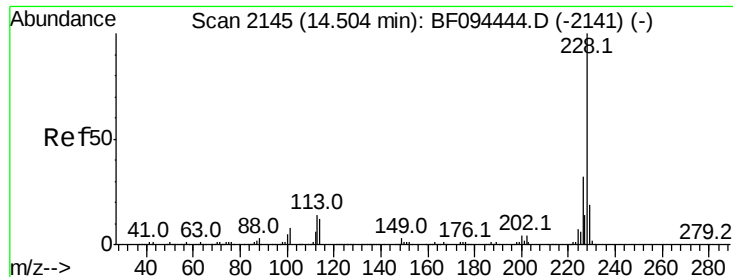
Tot Ion:228 Resp: 649913
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 42.42 ng
RT: 14.42 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion:252 Resp: 250860
Ion Ratio Lower Upper
252 100
254 64.3 51.5 77.3
126 14.0 15.8 23.8#





#82

Chrysene

Concen: 38.97 ng

RT: 14.49 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

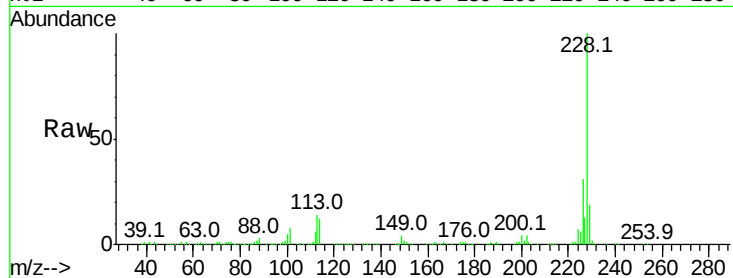
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 594939

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.0	15.8	23.6

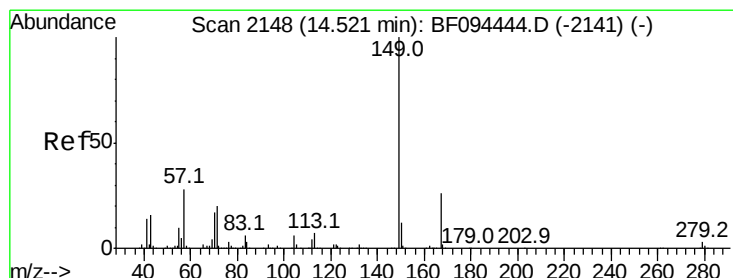
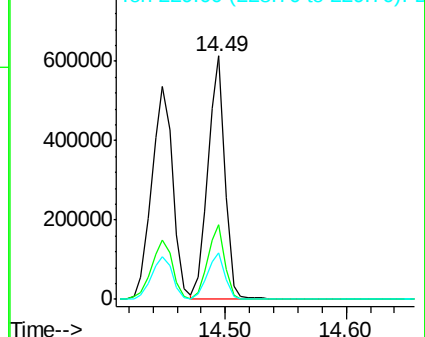
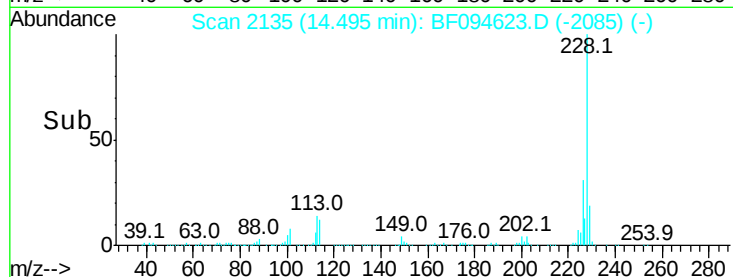


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.08 ng

RT: 14.51 min Scan# 2138

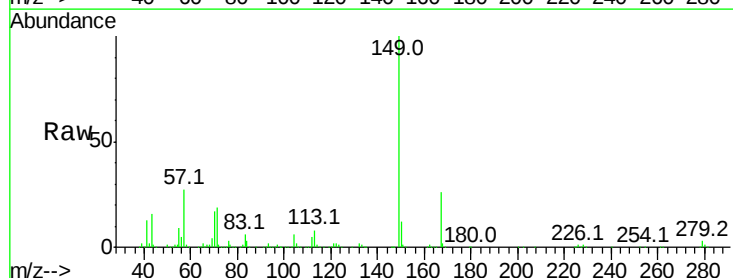
Delta R.T. -0.01 min

Lab File: BF094623.D

Acq: 26 Apr 2017 00:39

Tgt Ion:149 Resp: 520910

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.0	31.4
279	3.0	1.9	2.9#

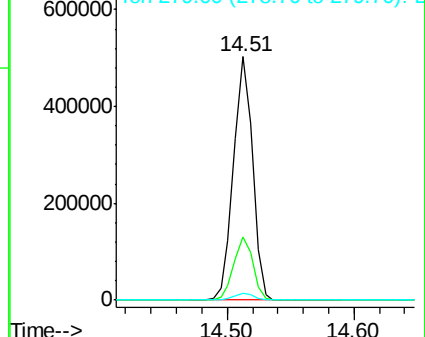
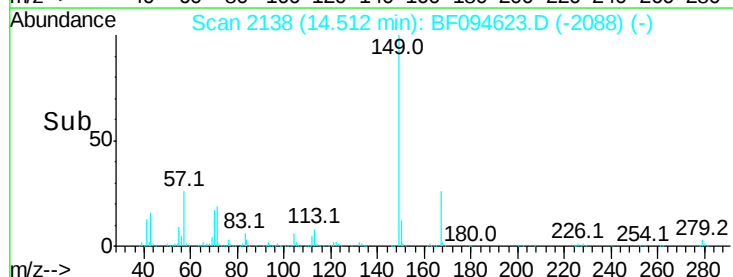


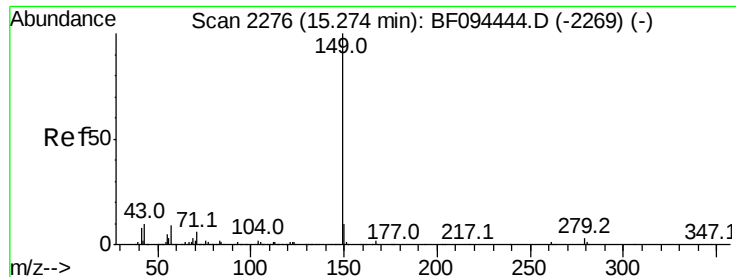
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

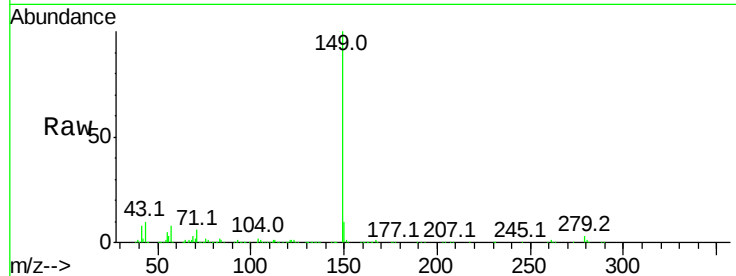




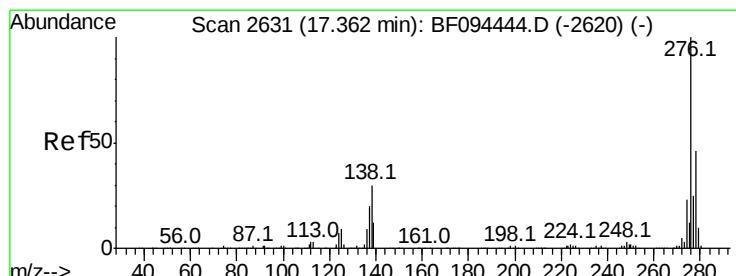
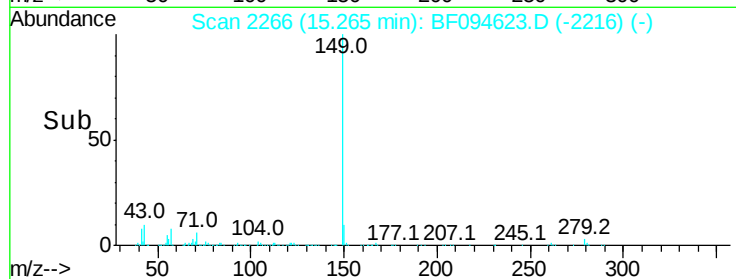
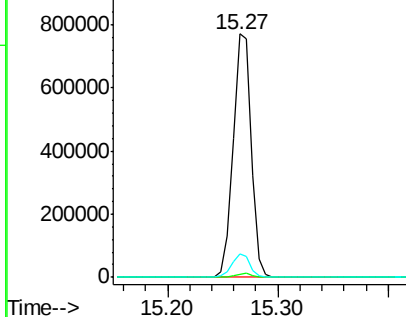
#84
Di-n-octyl phthalate
Concen: 44.88 ng
RT: 15.27 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.5	12.7

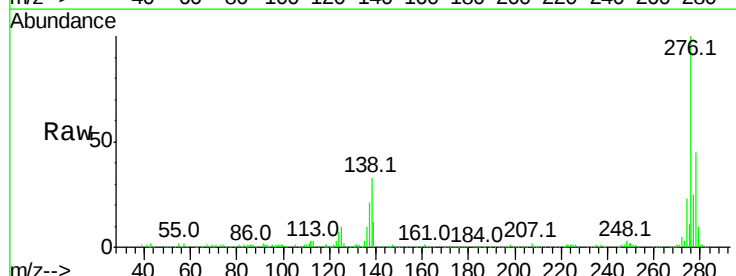


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

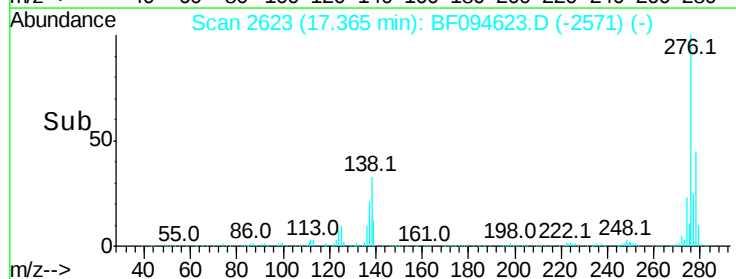
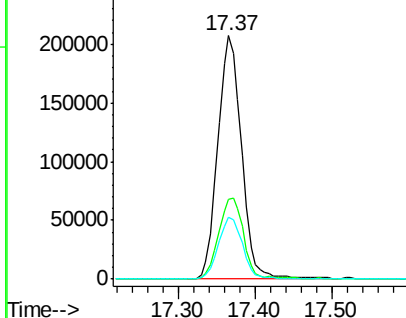


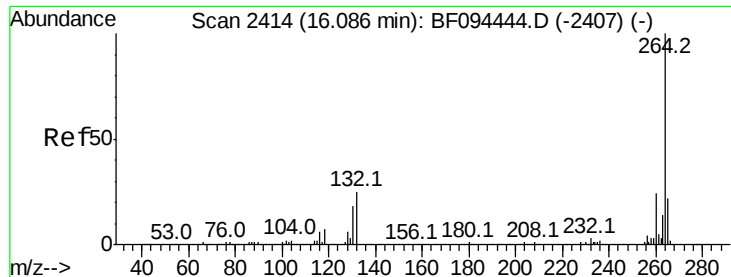
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.44 ng
RT: 17.37 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	26.1	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

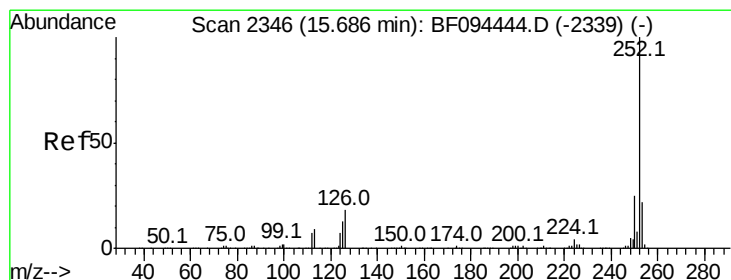
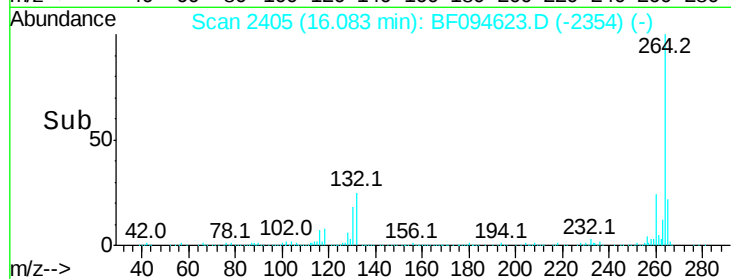
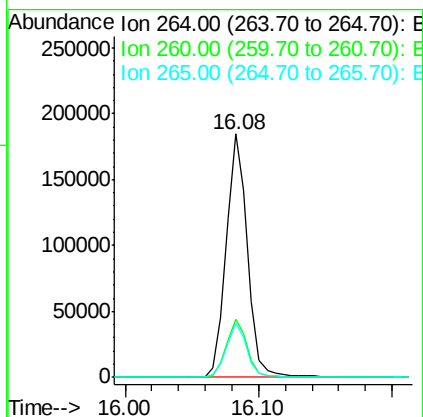
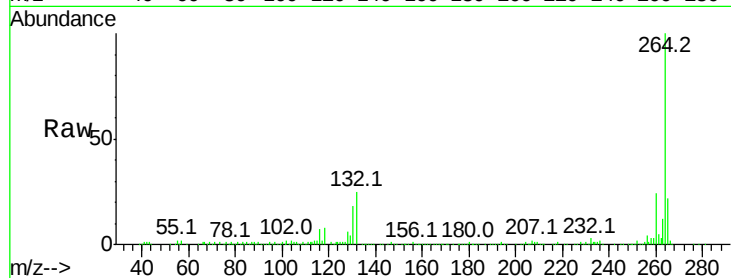




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

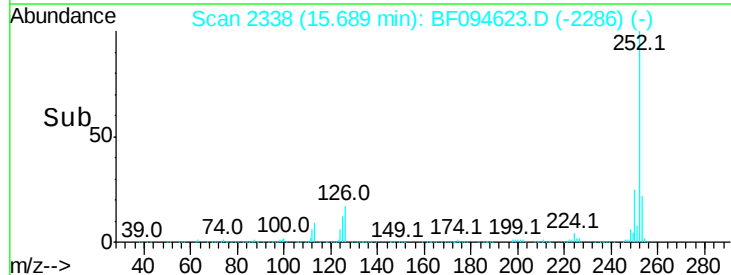
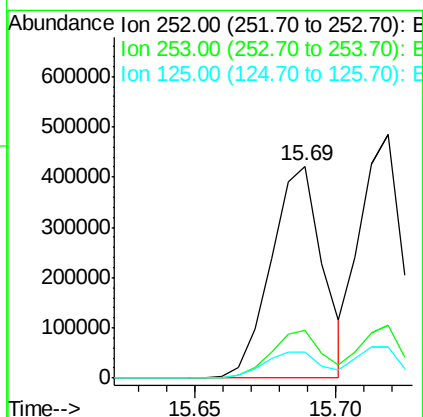
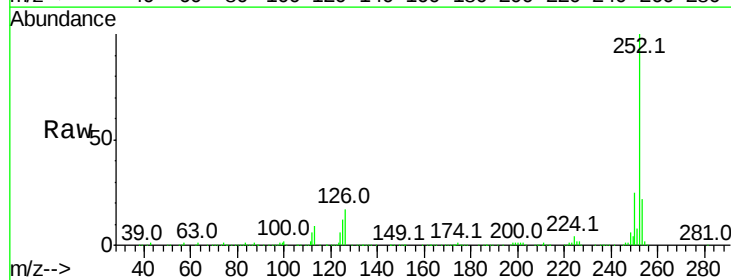
Instrument :
BNA_F
ClientSampleId :

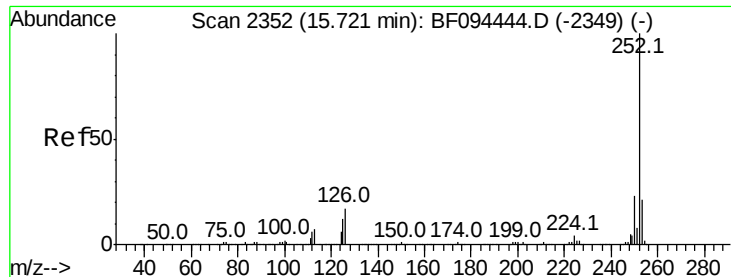
Tot Ion:264 Resp: 207244
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 42.21 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion:252 Resp: 535124
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.3 9.8 14.8

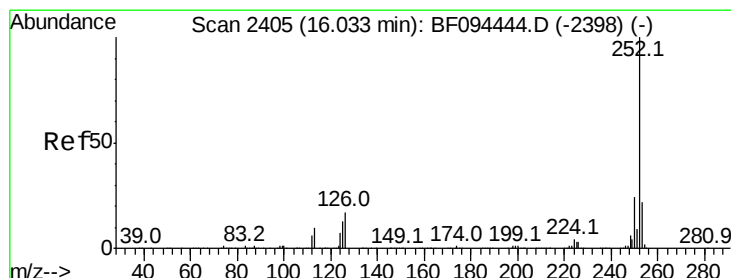
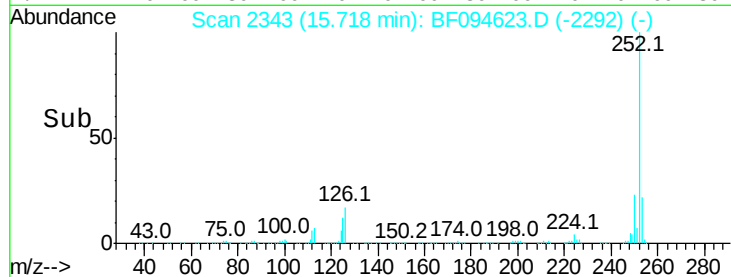
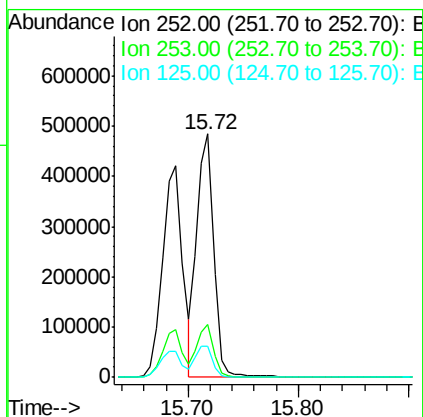
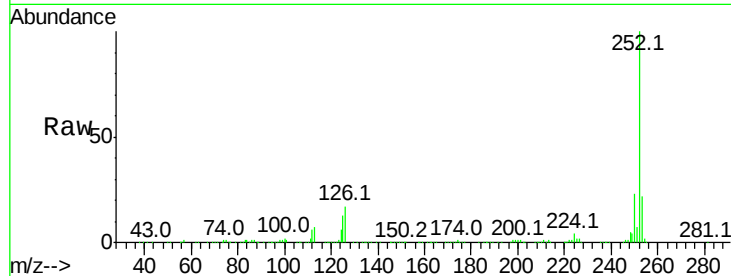




#88
Benzo(k)fluoranthene
Concen: 42.03 ng
RT: 15.72 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

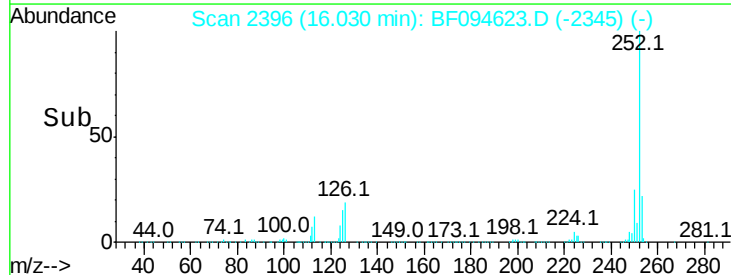
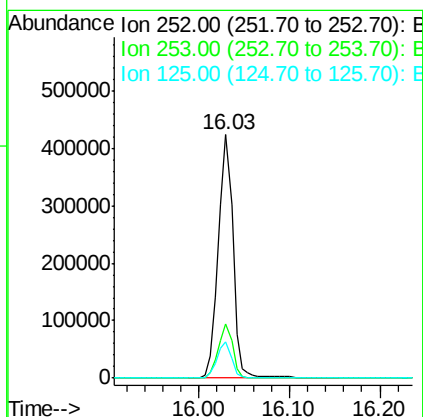
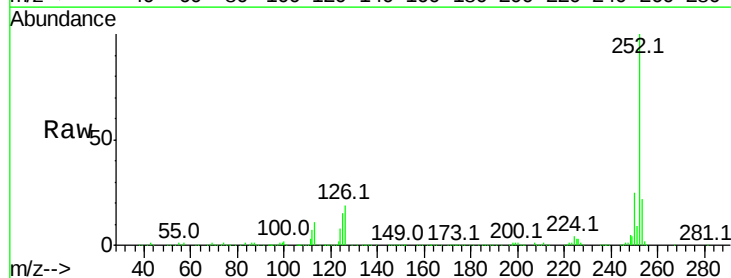
Instrument :
BNA_F
ClientSampleId :

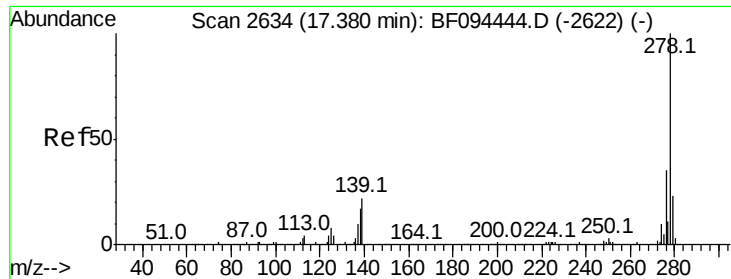
Tot Ion:252 Resp: 504239
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 12.5 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 40.47 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion:252 Resp: 477336
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 14.9 11.0 16.4

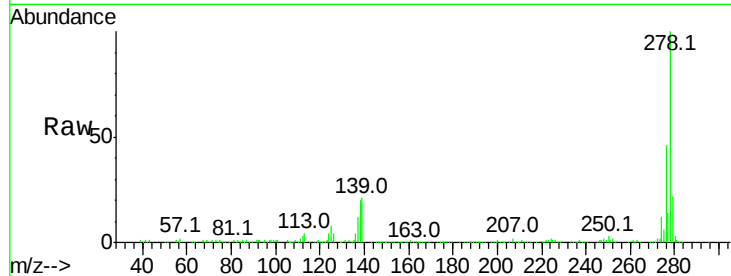




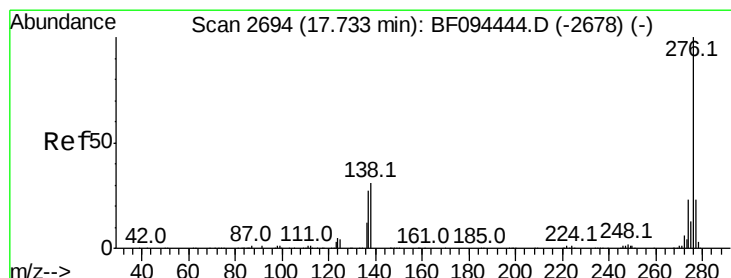
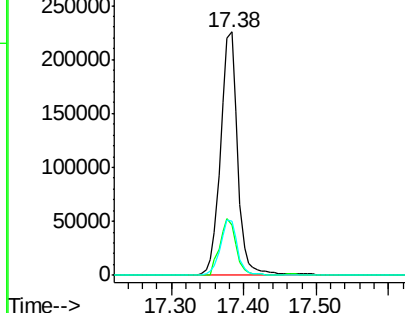
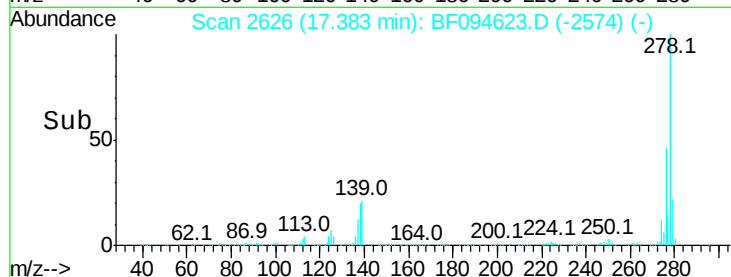
#90
Dibenzo(a,h)anthracene
Concen: 38.20 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 374145
Ion Ratio Lower Upper
278 100
139 20.9 16.6 24.8
279 22.4 19.3 28.9

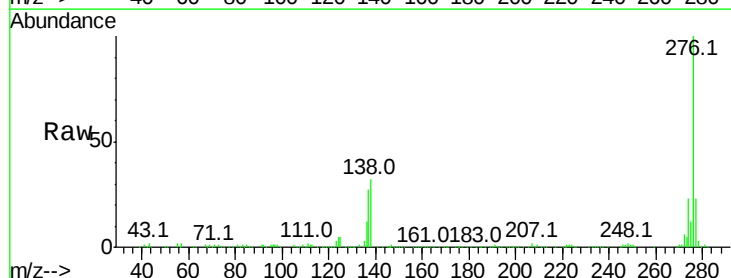


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 36.69 ng
RT: 17.74 min Scan# 2686
Delta R.T. 0.00 min
Lab File: BF094623.D
Acq: 26 Apr 2017 00:39

Tgt Ion:276 Resp: 365796
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 31.6 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

