

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094451.D
 Acq On : 17 Apr 2017 16:06
 Operator : SJ/MA
 Sample : PB98268BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 00:57:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	147686	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	612559	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	280045	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	499967	20.00	ng	0.00
75) Chrysene-d12	14.47	240	411462	20.00	ng	0.00
86) Perylene-d12	16.09	264	296617	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	1001193	112.47	ng	0.02
7) Phenol-d6	5.39	99	1242524	118.40	ng	0.00
23) Nitrobenzene-d5	6.42	82	778395	78.47	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	260974	119.14	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1471021	77.29	ng	0.00
78) Terphenyl-d14	13.20	244	1260915	81.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	138508	26.75	ng	98
3) Pyridine	2.65	79	419037	37.03	ng	100
4) n-Nitrosodimethylamine	2.60	42	180580	38.57	ng	91
6) Aniline	5.39	93	305216	21.88	ng	# 82
8) 2-Chlorophenol	5.53	128	389950	38.50	ng	95
9) Benzaldehyde	5.25	77	84324	10.56	ng	98
10) Phenol	5.41	94	474671	36.82	ng	88
11) bis(2-Chloroethyl)ether	5.47	93	363933	38.64	ng	97
12) 1,3-Dichlorobenzene	5.69	146	420716	37.49	ng	99
13) 1,4-Dichlorobenzene	5.78	146	422819	37.45	ng	97
14) 1,2-Dichlorobenzene	5.96	146	387561	37.26	ng	95
15) Benzyl Alcohol	5.94	79	304083	39.06	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	475361	38.50	ng	# 23
17) 2-Methylphenol	6.09	107	314702	39.45	ng	# 91
18) Hexachloroethane	6.35	117	148821	38.45	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	274411	39.46	ng	98
20) 3+4-Methylphenols	6.27	107	440540	40.64	ng	# 61
22) Acetophenone	6.24	105	547333	36.75	ng	# 84
24) Nitrobenzene	6.43	77	394218	37.74	ng	96
25) Isophorone	6.72	82	706467	38.42	ng	96
26) 2-Nitrophenol	6.81	139	219522	39.11	ng	97
27) 2,4-Dimethylphenol	6.89	122	354984	38.94	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	460538	38.72	ng	100
29) 2,4-Dichlorophenol	7.12	162	335395	39.55	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	330309	37.67	ng	99
31) Naphthalene	7.29	128	1098493	37.30	ng	100
32) Benzoic acid	7.04	122	63830	13.24	ng	96
33) 4-Chloroaniline	7.36	127	225705	18.42	ng	# 93
34) Hexachlorobutadiene	7.45	225	165368	37.83	ng	99
35) Caprolactam	7.82	113	54293	20.38	ng	96
36) 4-Chloro-3-methylphenol	7.99	107	357163	40.19	ng	87
37) 2-Methylnaphthalene	8.13	142	776192	38.53	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	291414	36.54	ng	98
40) Hexachlorocyclopentadiene	8.33	237	268679	83.29	ng	98

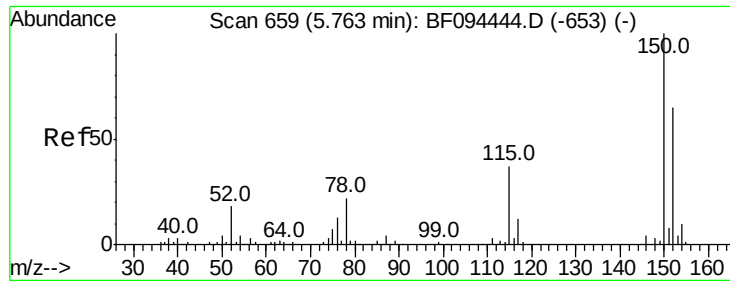
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094451.D
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 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	219315	39.16	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	226623	39.41	nq	# 92
45) 1,1'-Biphenyl	8.70	154	862974	37.72	nq	98
46) 2-Chloronaphthalene	8.72	162	688396	37.84	nq	95
47) 2-Nitroaniline	8.86	65	210261	40.18	nq	# 83
48) Acenaphthylene	9.23	152	1081954	38.15	nq	99
49) Dimethylphthalate	9.10	163	810489	38.84	nq	99
50) 2,6-Dinitrotoluene	9.16	165	186121	39.73	nq	93
51) Acenaphthene	9.44	154	650025	38.27	nq	99
52) 3-Nitroaniline	9.36	138	136585	25.20	nq	88
53) 2,4-Dinitrophenol	9.50	184	82894	36.02	nq	# 73
54) Dibenzofuran	9.66	168	933553	37.81	nq	98
55) 4-Nitrophenol	9.63	139	308417	80.55	nq	89
56) 2,4-Dinitrotoluene	9.66	165	228058	39.68	nq	# 67
57) Fluorene	10.07	166	737740	38.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	155987	37.84	nq	96
59) Diethylphthalate	9.97	149	780489	39.64	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	317550	39.69	nq	94
61) 4-Nitroaniline	10.12	138	198628	36.05	nq	95
62) Azobenzene	10.28	77	759399	39.72	nq	94
64) 4,6-Dinitro-2-methylphenol	10.16	198	83244	25.41	nq	# 67
65) n-Nitrosodiphenylamine	10.23	169	673925	38.76	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	196353	39.55	nq	98
67) Hexachlorobenzene	10.75	284	194163	38.81	nq	# 88
68) Atrazine	10.91	200	198253	38.11	nq	97
69) Pentachlorophenol	11.00	266	132936	66.92	nq	100
70) Phenanthrene	11.25	178	1078829	38.32	nq	99
71) Anthracene	11.32	178	1125111	38.63	nq	98
72) Carbazole	11.52	167	1049923	38.41	nq	98
73) Di-n-butylphthalate	11.97	149	1219709	40.53	nq	99
74) Fluoranthene	12.71	202	1134708	38.89	nq	99
76) Benzidine	12.88	184	413510	24.82	nq	# 92
77) Pyrene	12.99	202	1146434	39.88	nq	99
79) Butylbenzylphthalate	13.81	149	531493	42.19	nq	90
80) Benzo(a)anthracene	14.46	228	937834	39.21	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	177864	21.01	nq	# 95
82) Chrysene	14.50	228	848974	38.84	nq	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	719412	42.53	nq	99
84) Di-n-octyl phthalate	15.27	149	1168779	41.19	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	632829	30.43	nq	100
87) Benzo(b)fluoranthene	15.69	252	785086	43.27	nq	98
88) Benzo(k)fluoranthene	15.69	252	785086	45.72	nq	96
89) Benzo(a)pyrene	16.03	252	671189	39.76	nq	100
90) Dibenzo(a,h)anthracene	17.37	278	521926	37.24	nq	97
91) Benzo(g,h,i)perylene	17.73	276	545041	38.19	nq	97

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

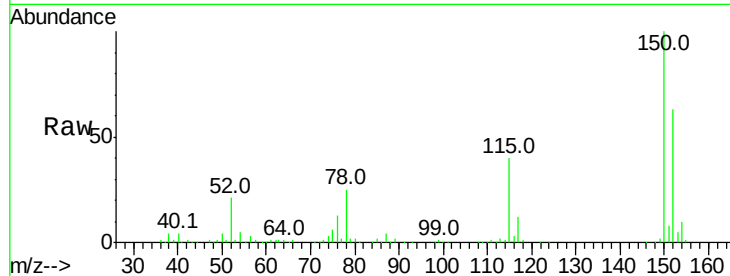


#1

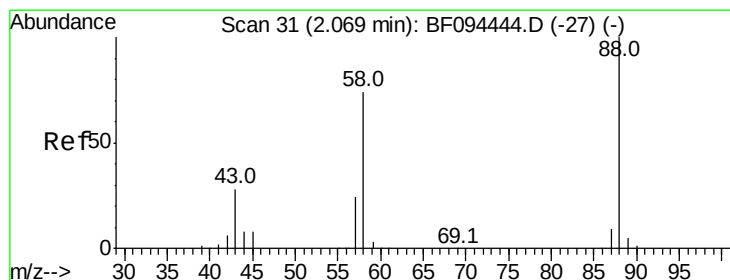
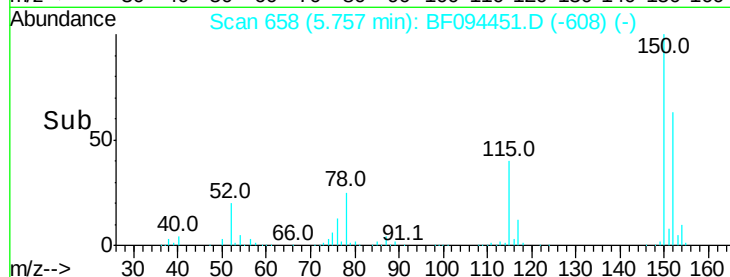
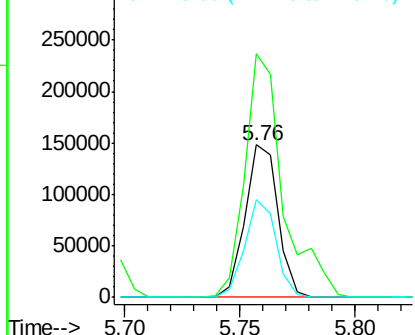
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 147686
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.2
115 64.2 52.2 78.2



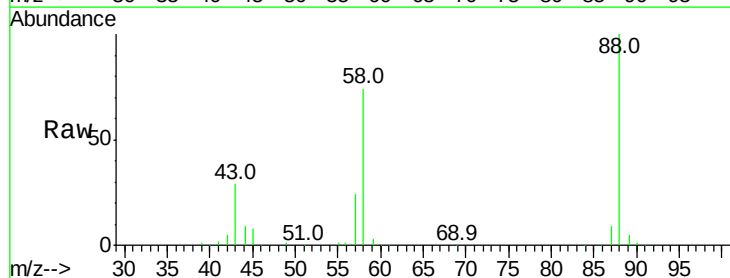
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



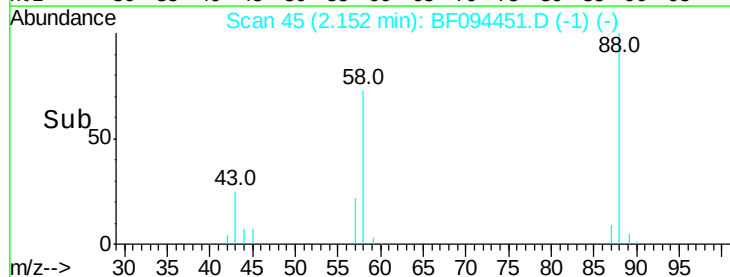
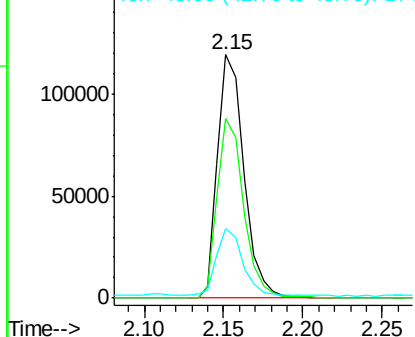
#2

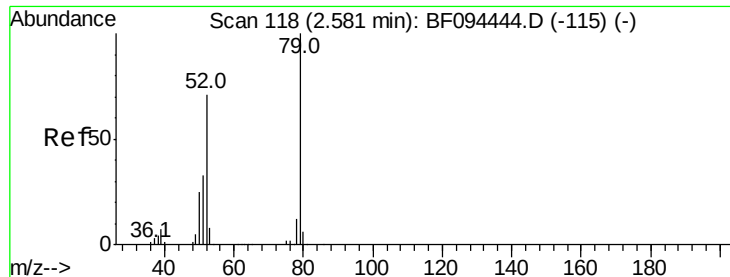
1,4-Dioxane
Concen: 26.75 ng
RT: 2.15 min Scan# 45
Delta R.T. 0.08 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion: 88 Resp: 138508
Ion Ratio Lower Upper
88 100
58 74.2 61.4 92.0
43 29.1 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: 37.03 ng

RT: 2.65 min Scan# 129

Delta R.T. 0.06 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :

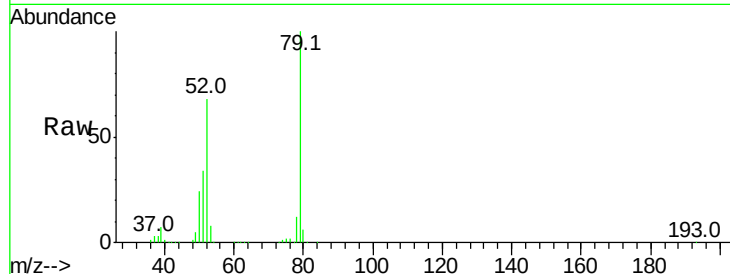
Tot Ion: 79 Resp: 419037

Ion Ratio Lower Upper

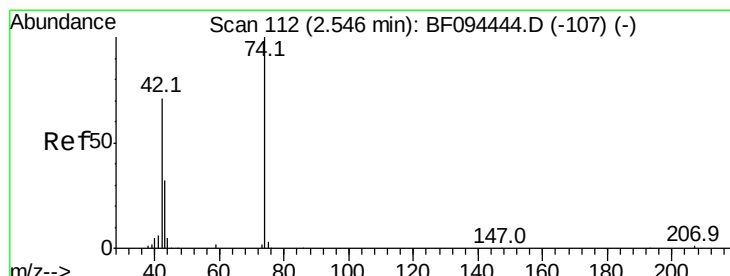
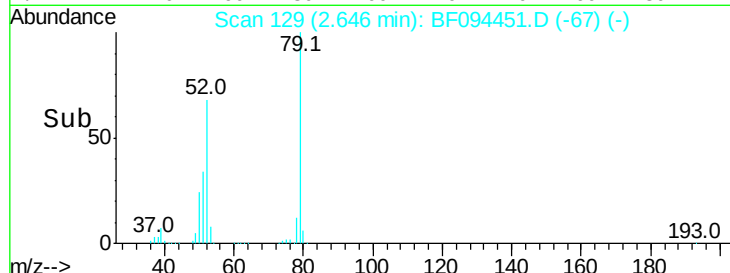
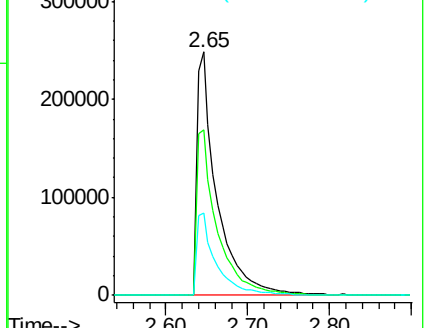
79 100

52 68.2 54.8 82.2

51 33.8 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: 38.57 ng

RT: 2.60 min Scan# 122

Delta R.T. 0.06 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

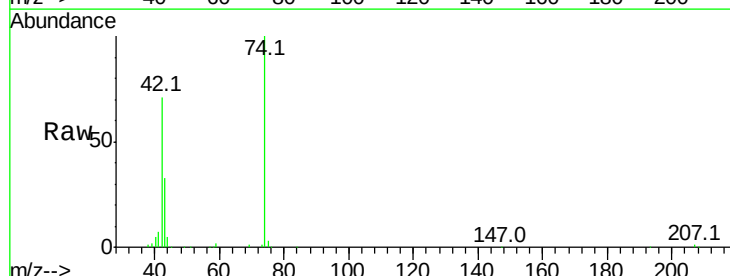
Tgt Ion: 42 Resp: 180580

Ion Ratio Lower Upper

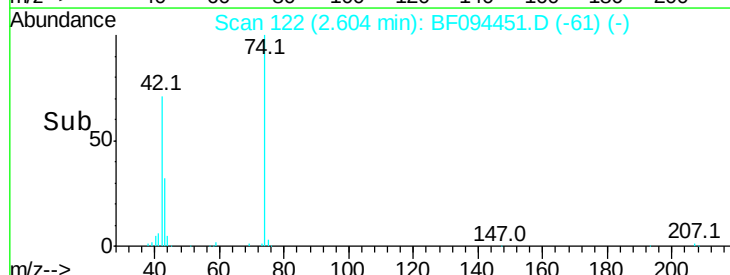
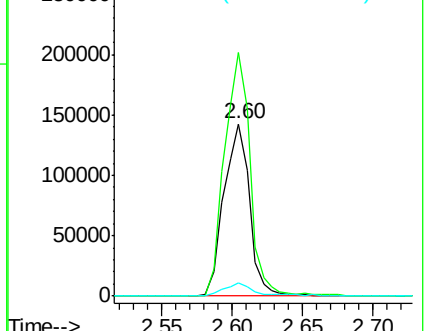
42 100

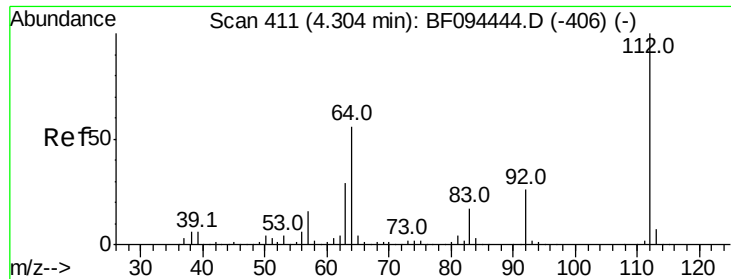
74 141.2 103.9 155.9

44 7.6 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: 112.47 ng

RT: 4.32 min Scan# 414

Delta R.T. 0.02 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

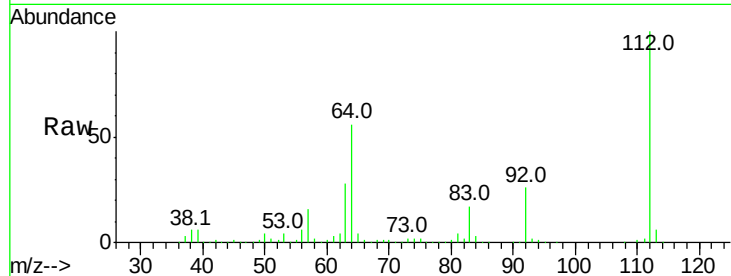
Tot Ion:112 Resp: 1001193

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

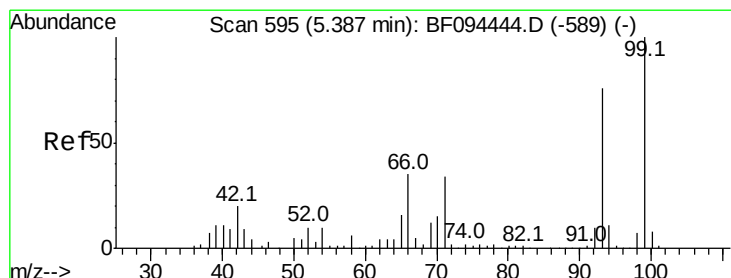
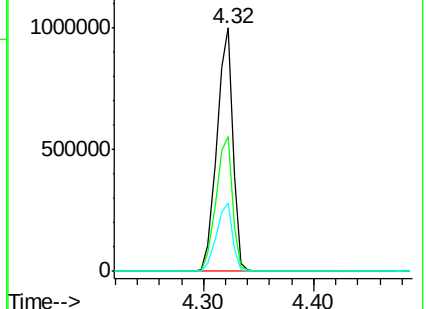
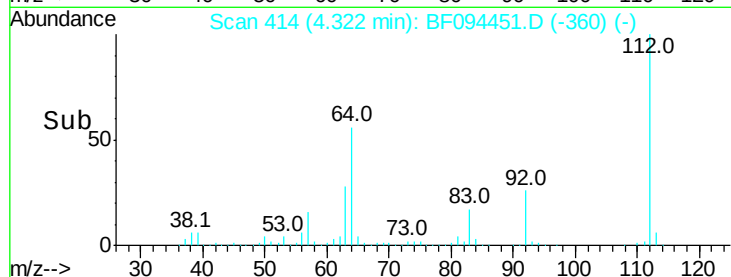
63 28.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.88 ng

RT: 5.39 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

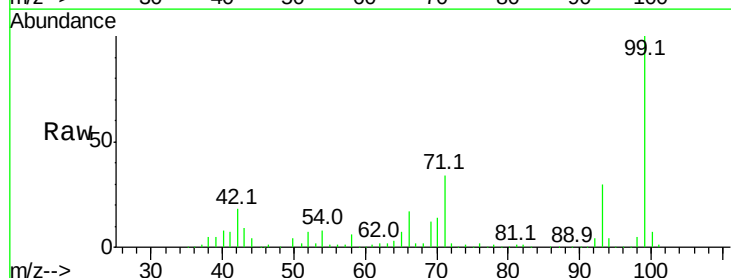
Tgt Ion: 93 Resp: 305216

Ion Ratio Lower Upper

93 100

66 56.4 32.9 49.3#

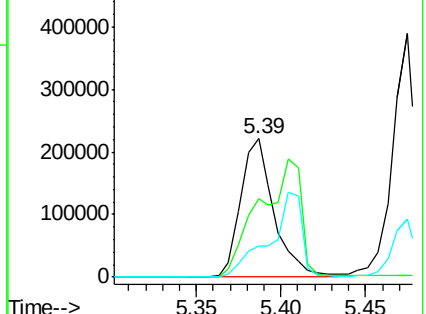
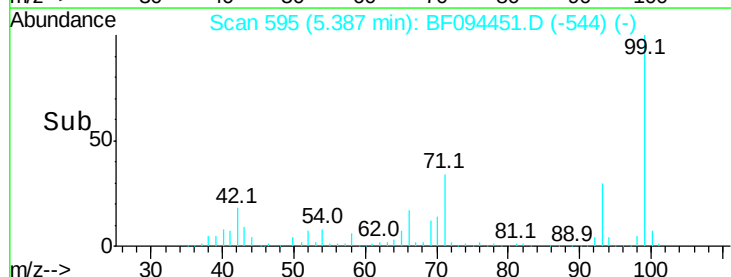
65 22.5 16.0 24.0

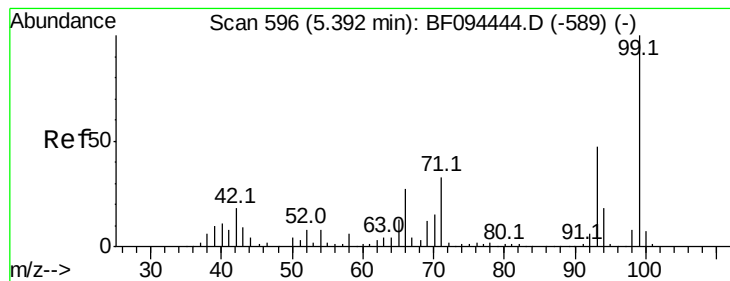


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.40 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

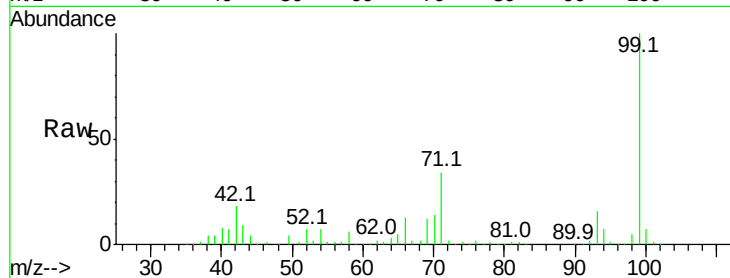
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1242524

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	34.3	24.5	36.7

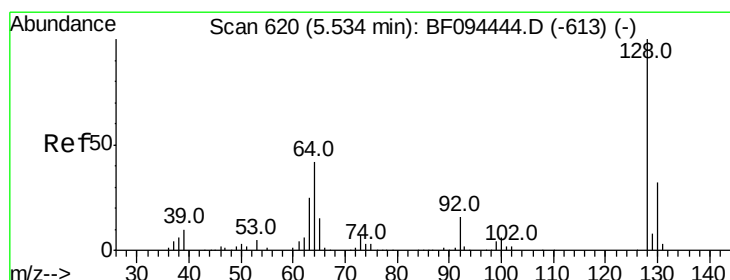
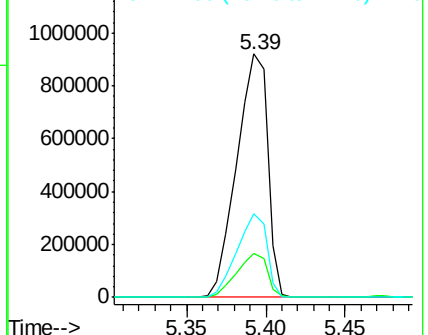
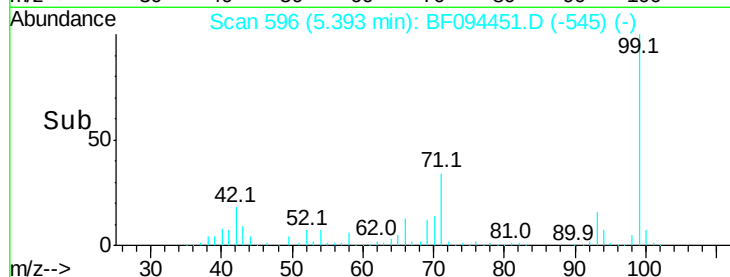


Abundance

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: 38.50 ng

RT: 5.53 min Scan# 620

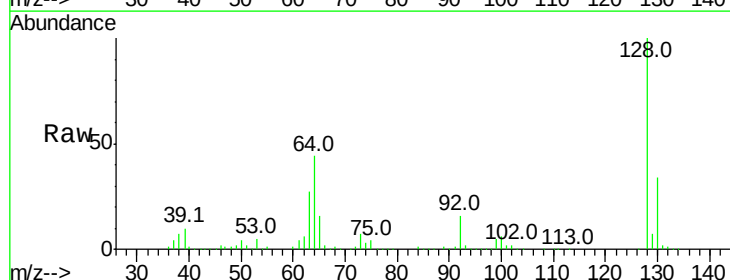
Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion:128 Resp: 389950

Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.9	52.9
64	43.9	28.4	68.4

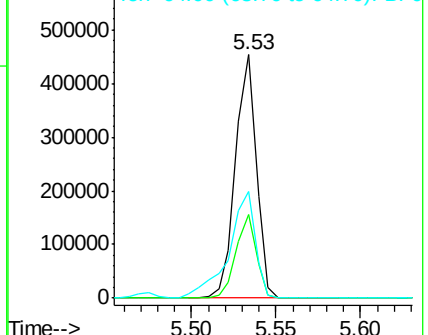
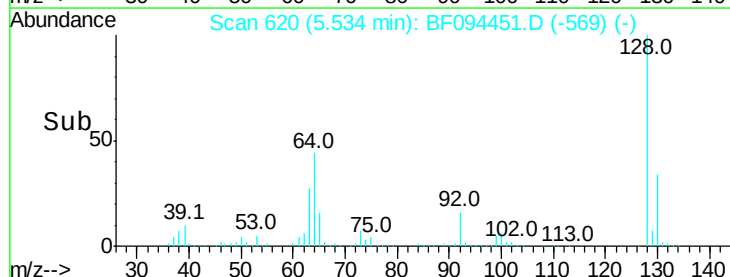


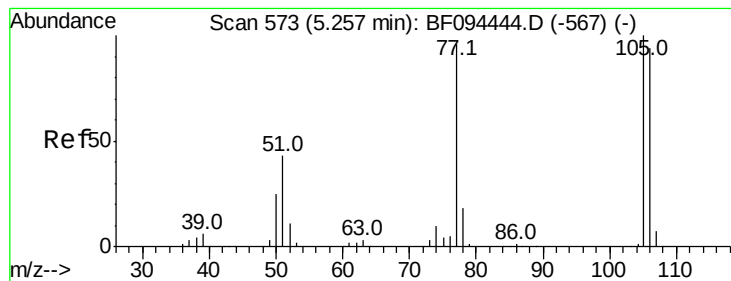
Abundance

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: 10.56 ng

RT: 5.25 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

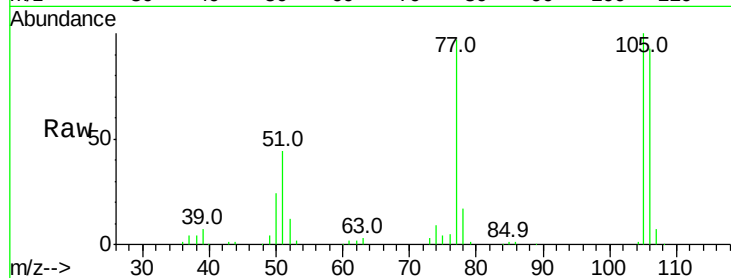
Tot Ion: 77 Resp: 84324

Ion Ratio Lower Upper

77 100

105 103.2 83.8 123.8

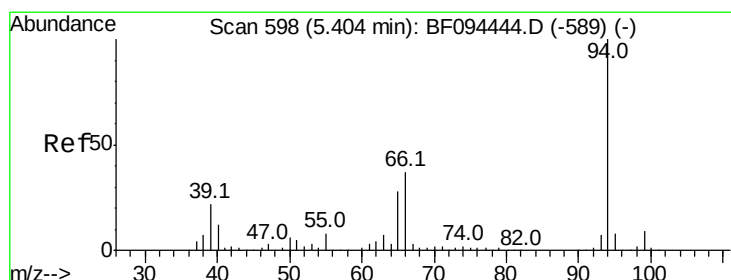
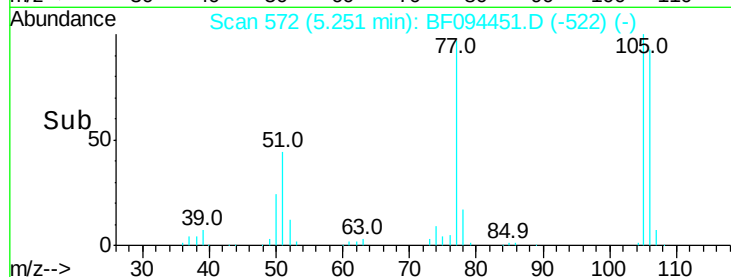
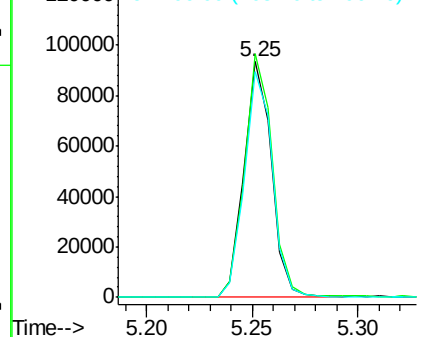
106 95.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.82 ng

RT: 5.41 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

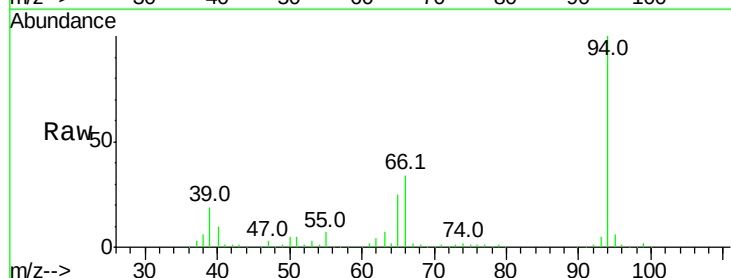
Tgt Ion: 94 Resp: 474671

Ion Ratio Lower Upper

94 100

65 25.3 9.9 49.9

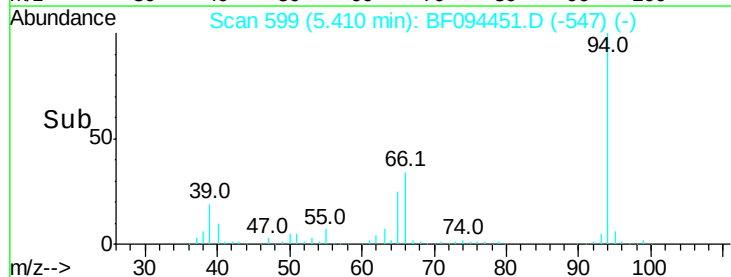
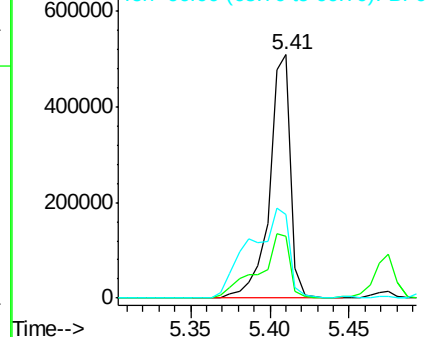
66 34.3 23.1 63.1

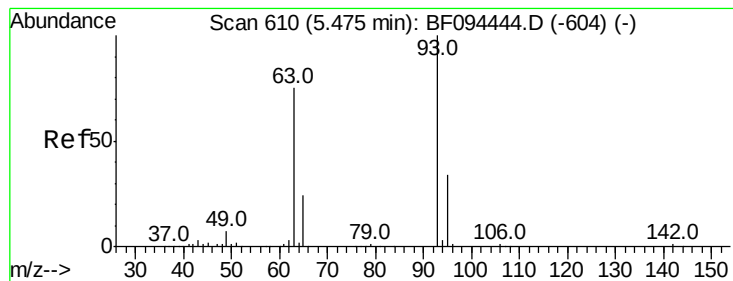


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

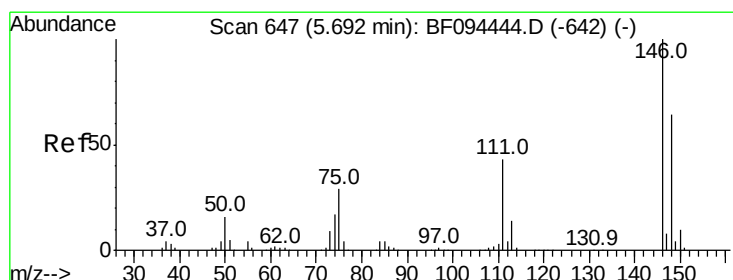
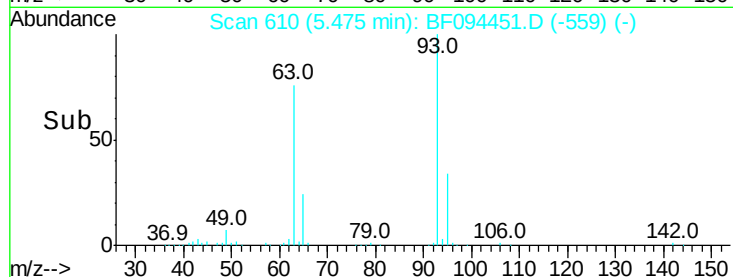
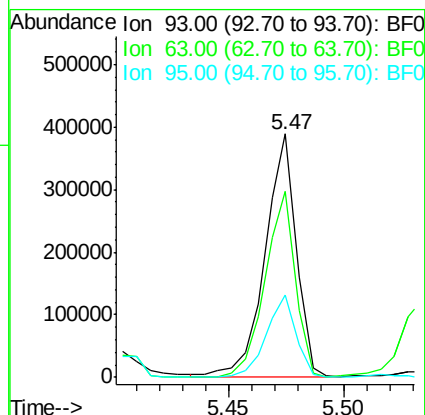
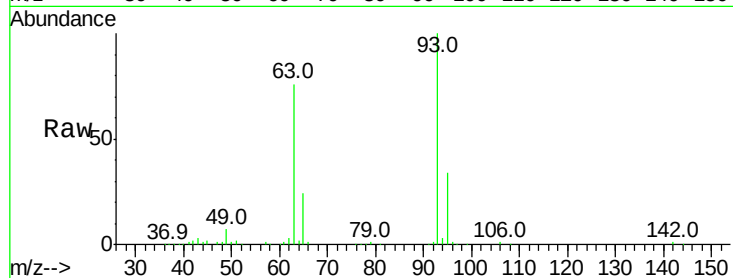




#11
bis(2-Chloroethyl)ether
Concen: 38.64 ng
RT: 5.47 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

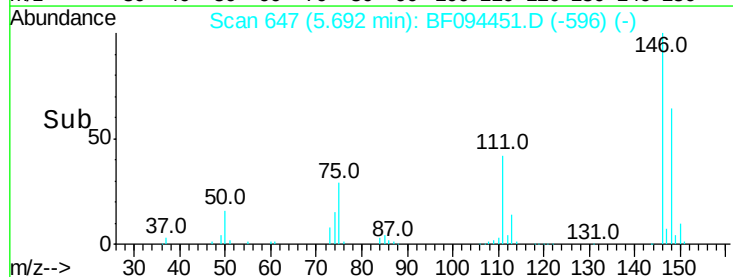
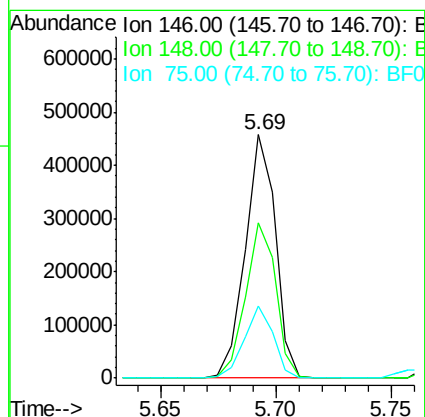
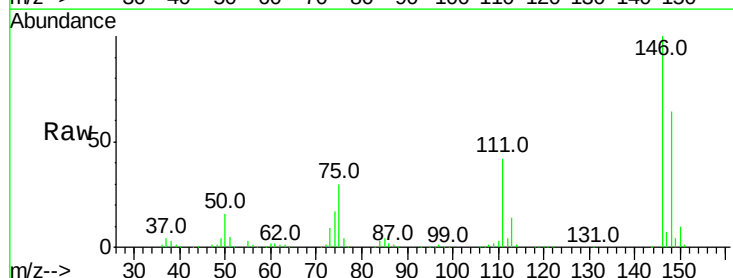
Instrument :
BNA_F
ClientSampled :

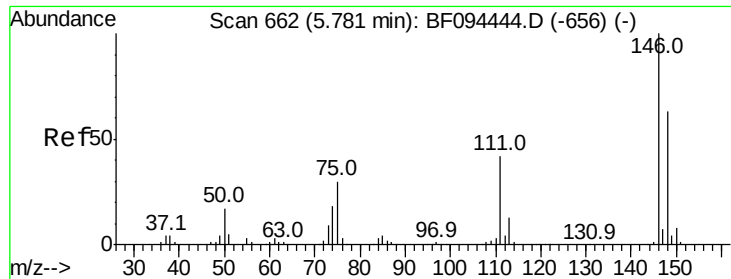
Tot Ion: 93 Resp: 363933
Ion Ratio Lower Upper
93 100
63 76.4 59.2 99.2
95 33.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.49 ng
RT: 5.69 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion: 146 Resp: 420716
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 29.5 23.1 34.7

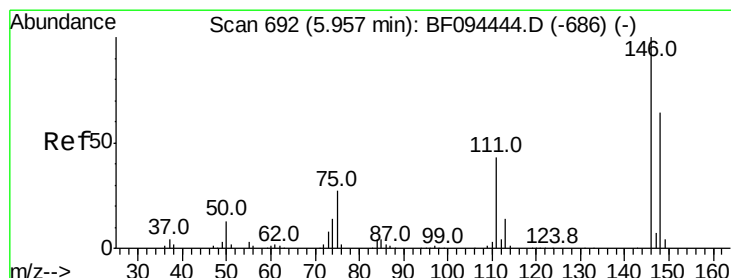
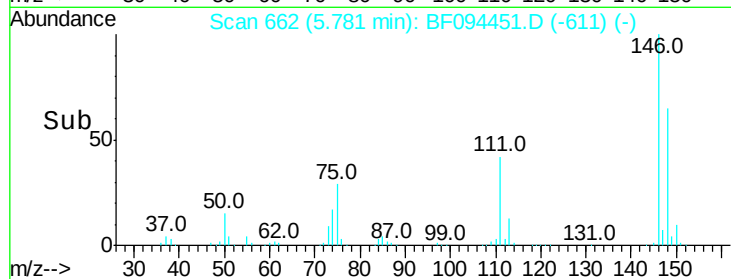
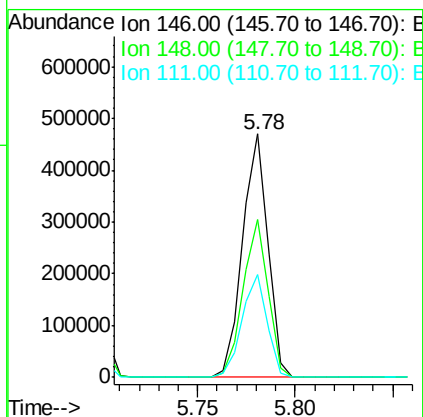
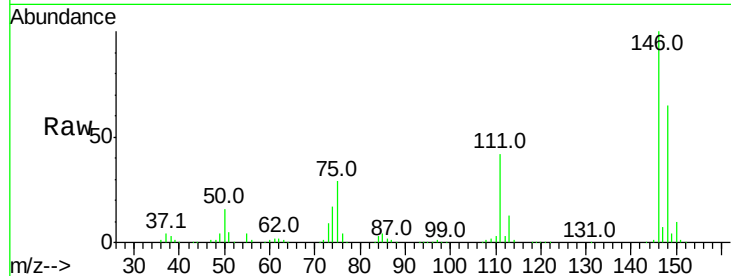




#13
 1,4-Dichlorobenzene
 Concen: 37.45 ng
 RT: 5.78 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

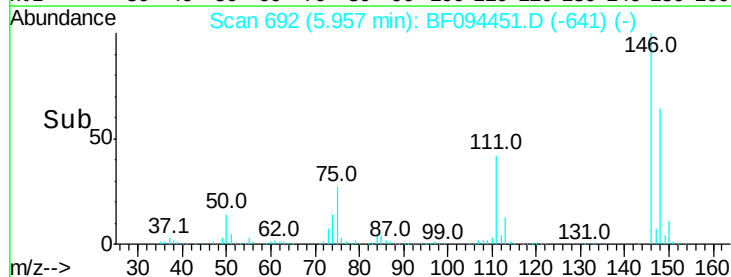
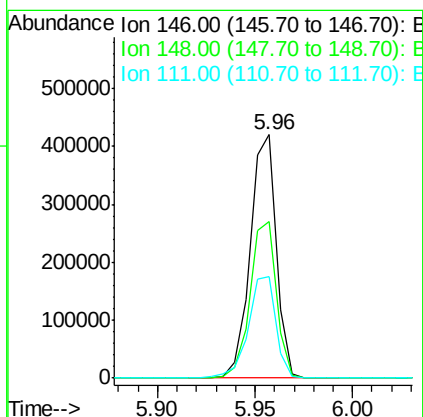
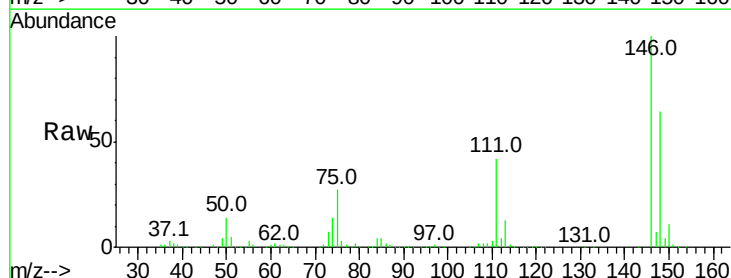
Instrument :
 BNA_F
 ClientSampleId :

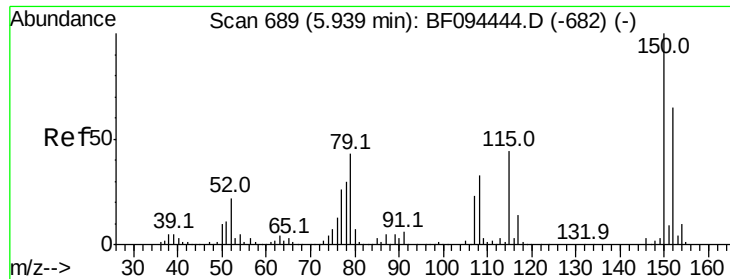
Tot Ion:146 Resp: 422819
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 42.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 37.26 ng
 RT: 5.96 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:146 Resp: 387561
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 41.8 38.2 57.4

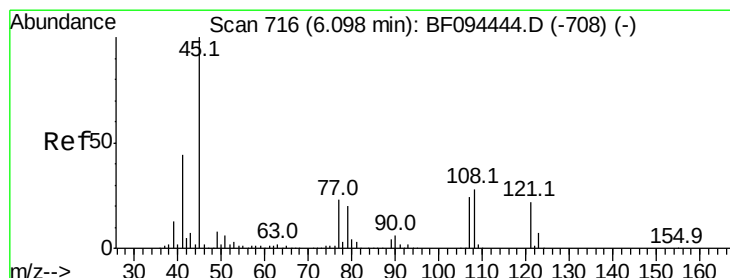
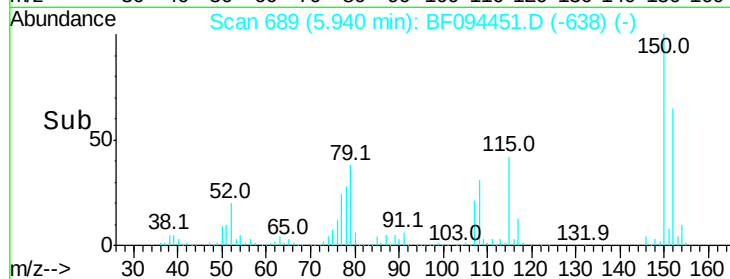
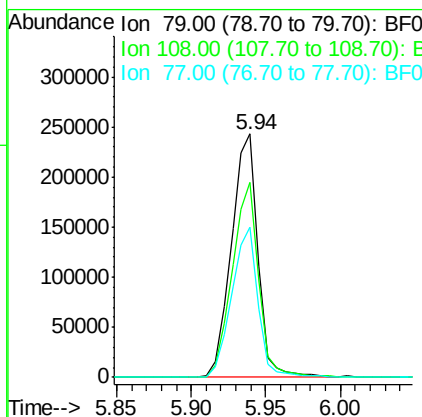
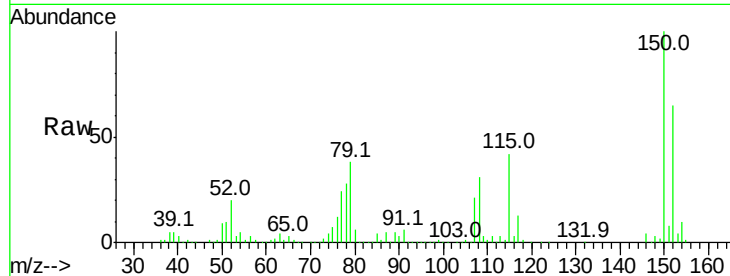




#15
Benzyl Alcohol
Concen: 39.06 ng
RT: 5.94 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

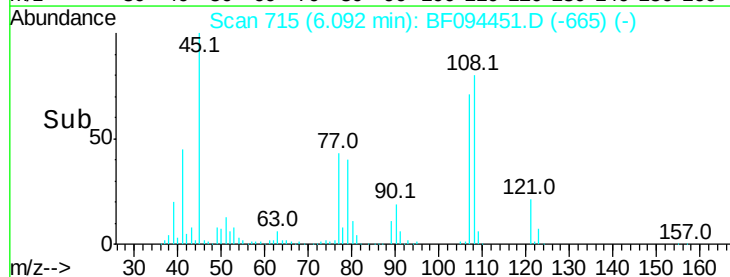
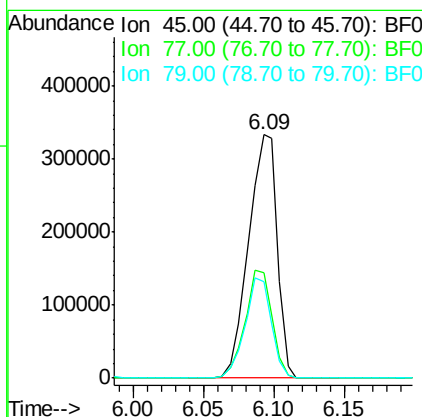
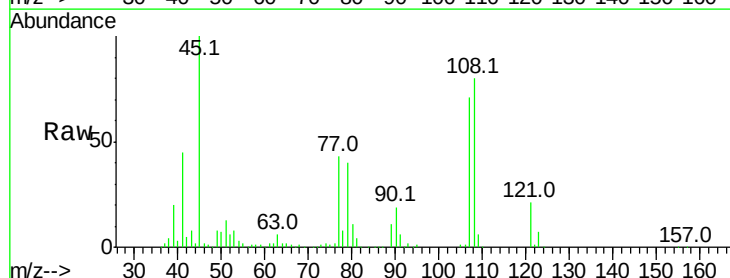
Instrument :
BNA_F
ClientSampleId :

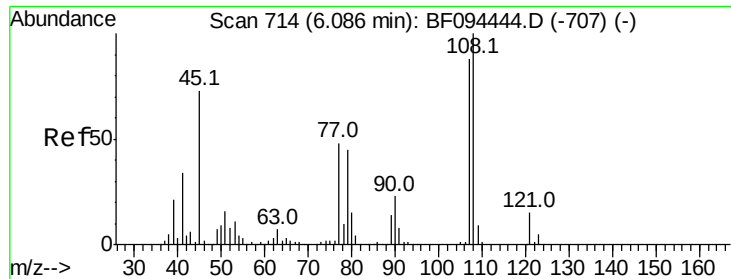
Tot Ion: 79 Resp: 304083
Ion Ratio Lower Upper
79 100
108 80.0 63.4 95.0
77 61.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.50 ng
RT: 6.09 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion: 45 Resp: 475361
Ion Ratio Lower Upper
45 100
77 43.1 0.0 33.2#
79 39.8 0.0 30.0#





#17

2-Methylphenol

Concen: 39.45 ng

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 314702

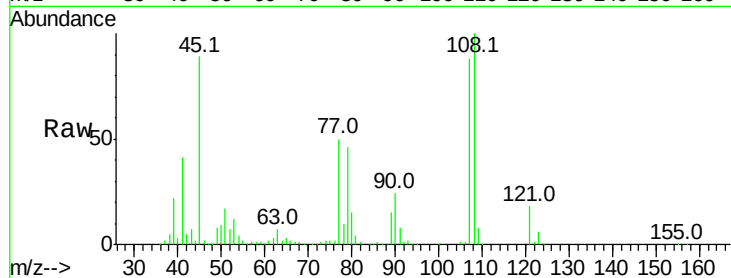
Ion Ratio Lower Upper

107 100

108 113.8 93.4 140.0

77 56.8 35.8 53.6#

79 52.9 34.8 52.2#

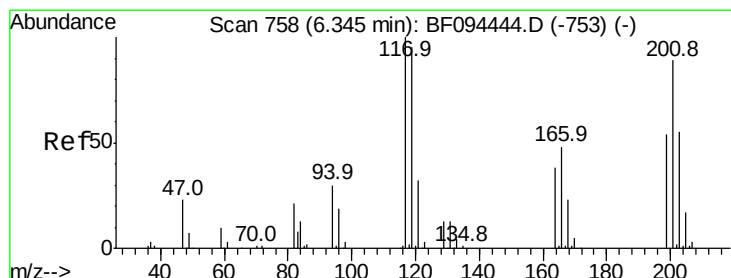
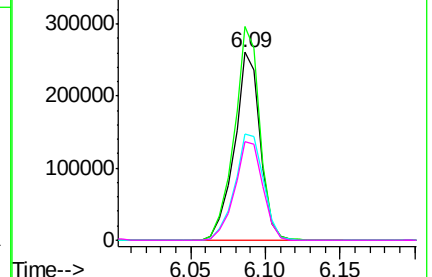
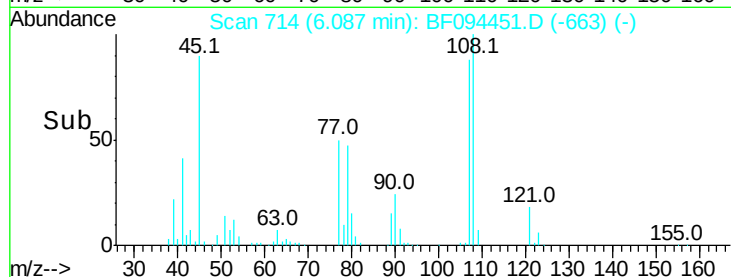


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.45 ng

RT: 6.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

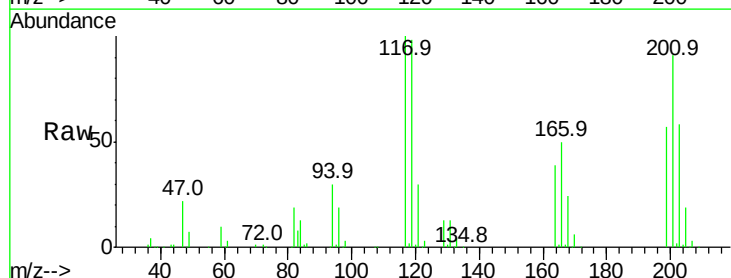
Tgt Ion:117 Resp: 148821

Ion Ratio Lower Upper

117 100

119 97.5 77.4 116.0

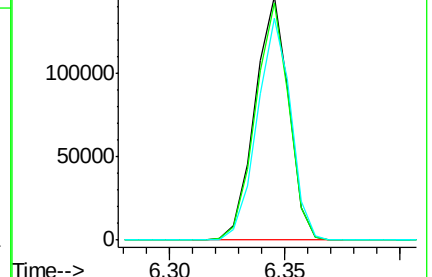
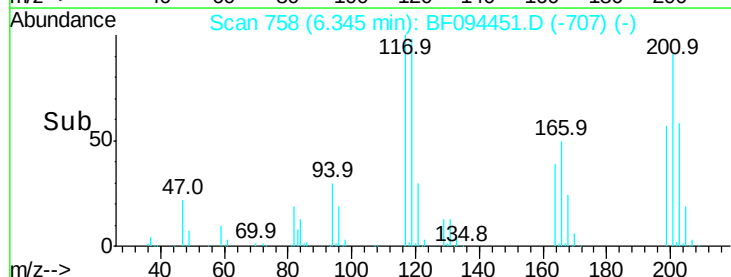
201 91.4 94.6 141.8#

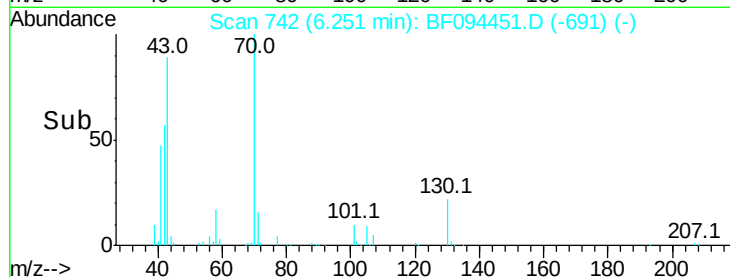
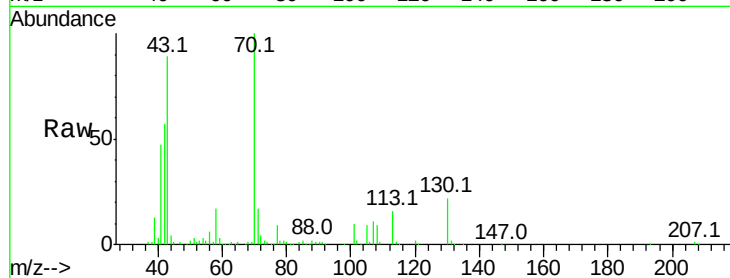
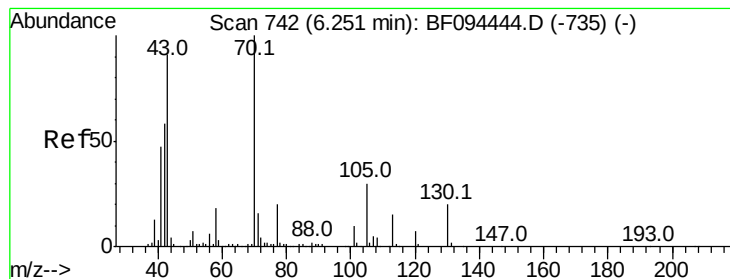


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.46 ng

RT: 6.25 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 274411

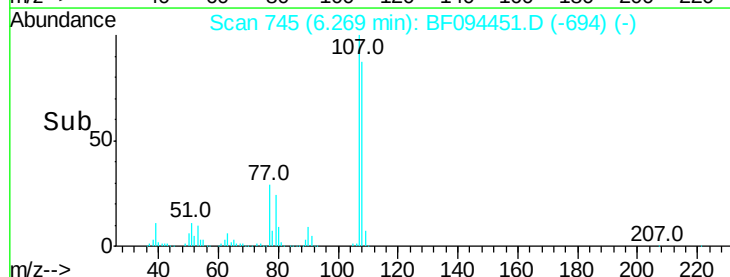
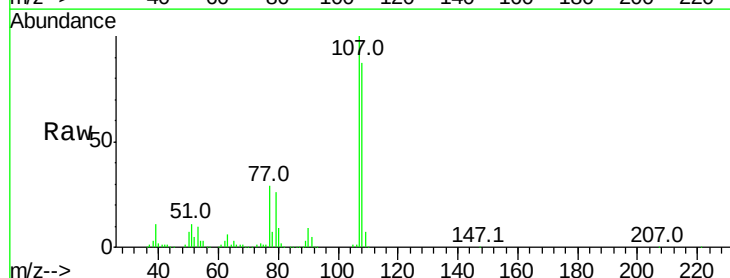
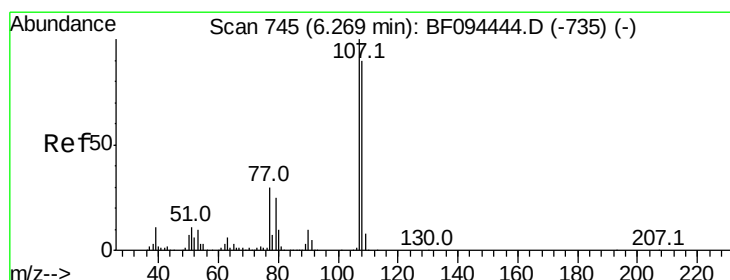
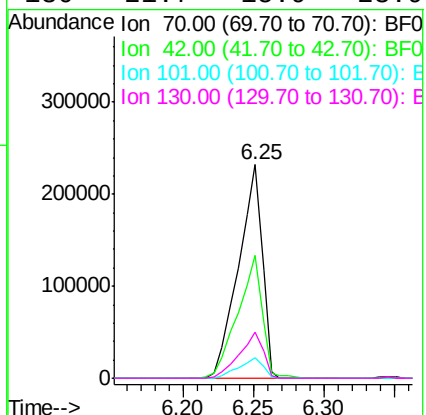
Ion Ratio Lower Upper

70 100

42 57.4 47.2 70.8

101 9.5 7.2 10.8

130 21.7 15.9 23.9



#20

3+4-Methylphenols

Concen: 40.64 ng

RT: 6.27 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion: 107 Resp: 440540

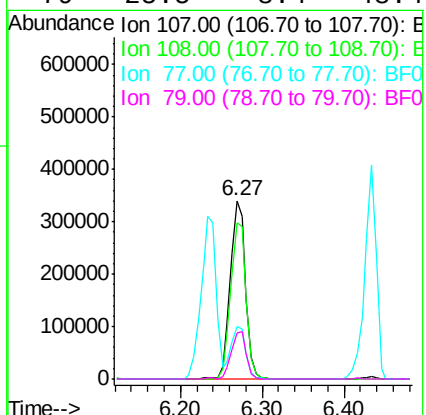
Ion Ratio Lower Upper

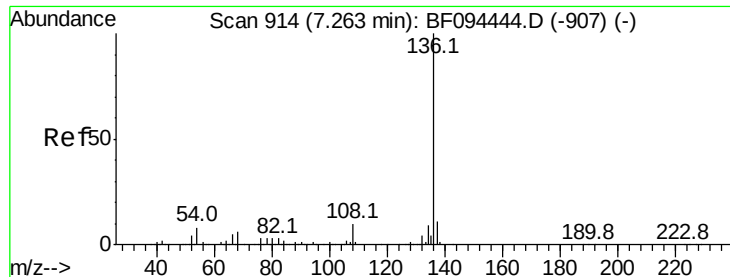
107 100

108 87.5 71.0 111.0

77 29.3 90.5 130.5#

79 25.5 8.4 48.4

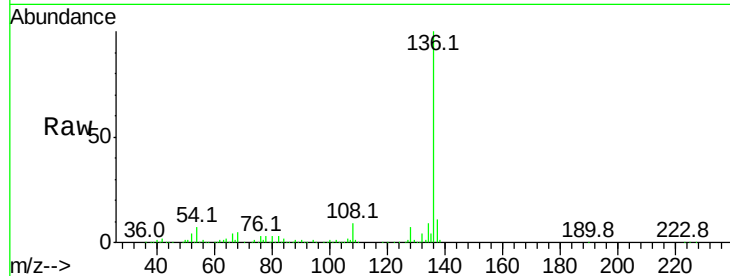




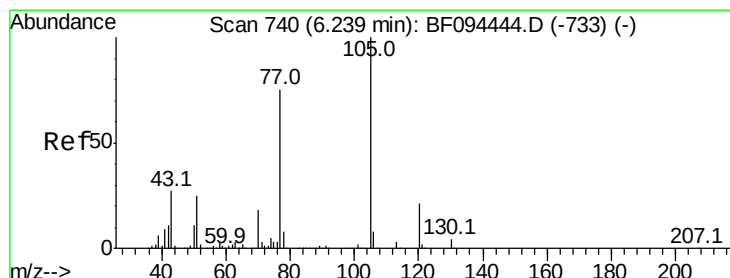
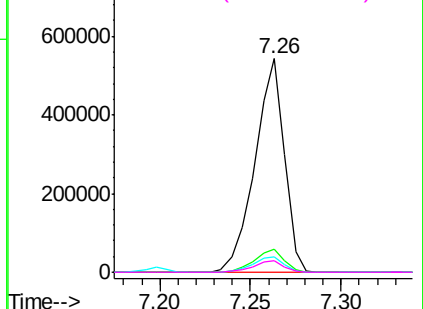
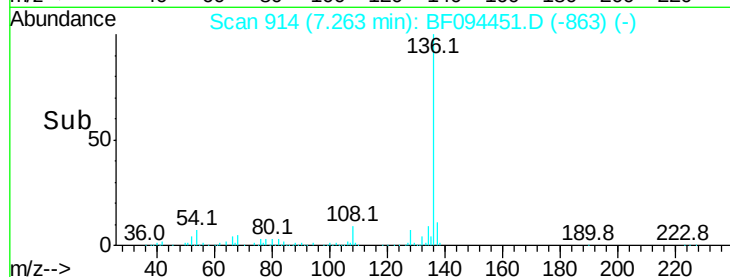
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 612559
Ion Ratio	Lower Upper
136 100	
137 10.6	8.5 12.7
54 6.9	4.9 7.3
68 5.3	4.1 6.1

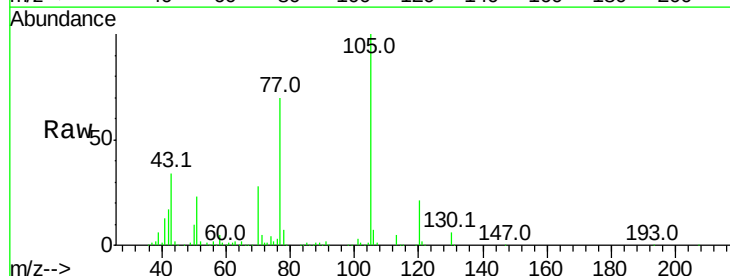


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

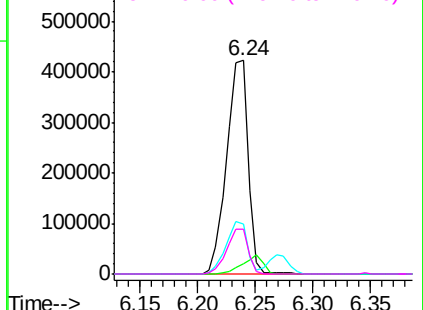
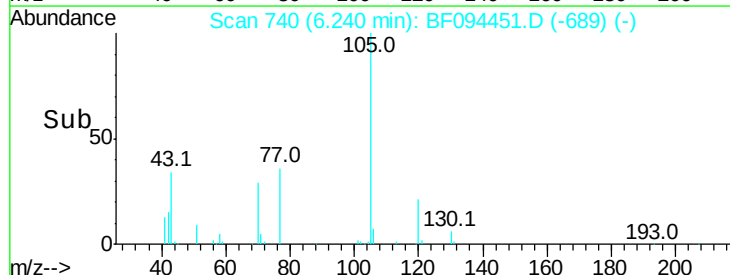


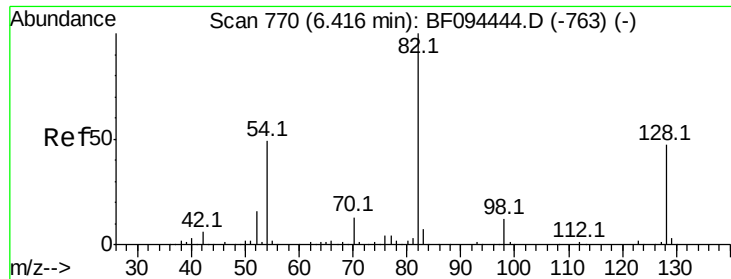
#22
Acetophenone
Concen: 36.75 ng
RT: 6.24 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt	Ion:105	Resp:	547333
Ion	Ratio	Lower	Upper
105	100		
71	4.8	2.8	4.2#
51	23.3	30.7	46.1#
120	21.1	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

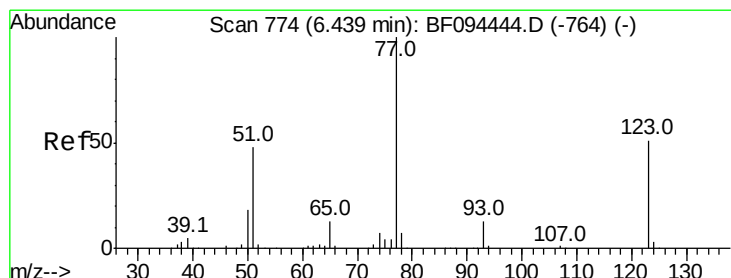
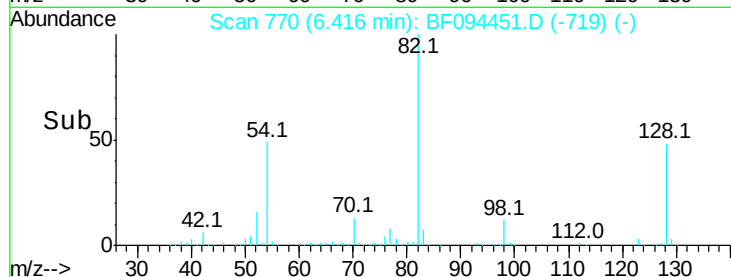
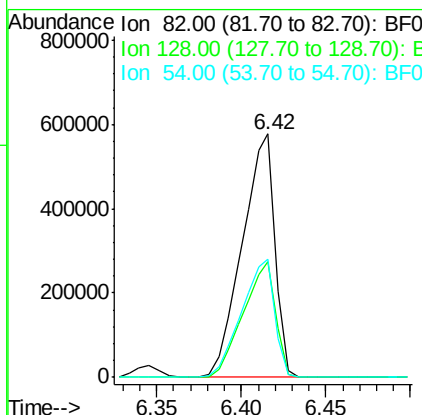
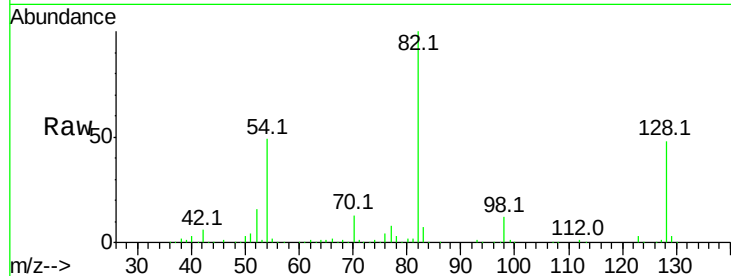




#23
 Nitrobenzene-d5
 Concen: 78.47 ng
 RT: 6.42 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

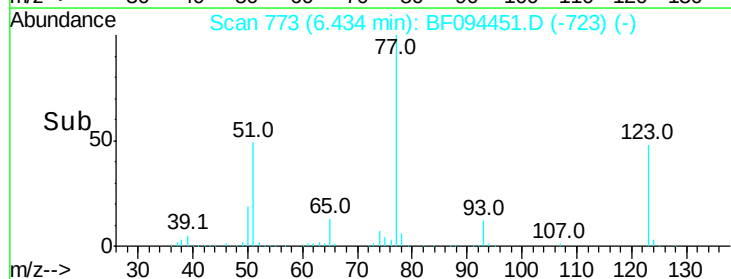
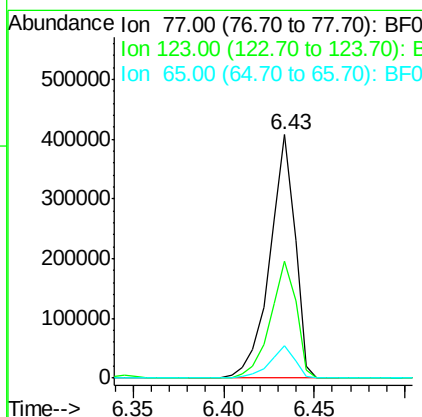
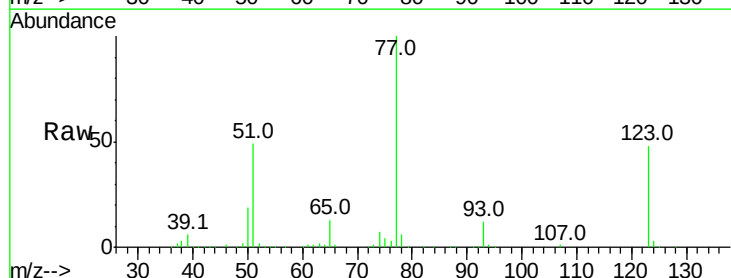
Instrument :
 BNA_F
 ClientSampleId :

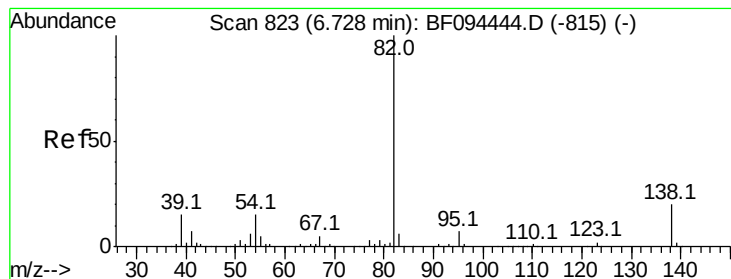
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	48.7	42.2	63.2



#24
 Nitrobenzene
 Concen: 37.74 ng
 RT: 6.43 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.8	53.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 38.42 ng

RT: 6.72 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

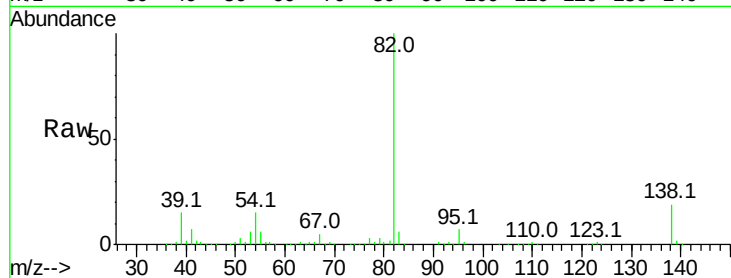
Tot Ion: 82 Resp: 706467

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

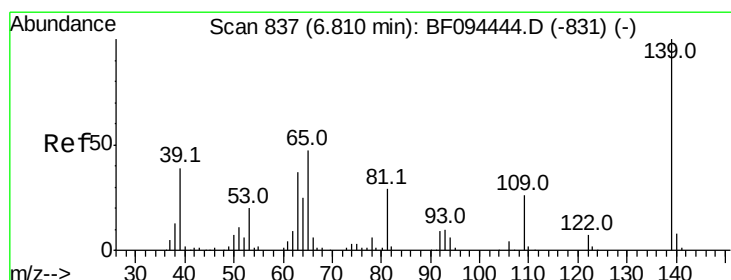
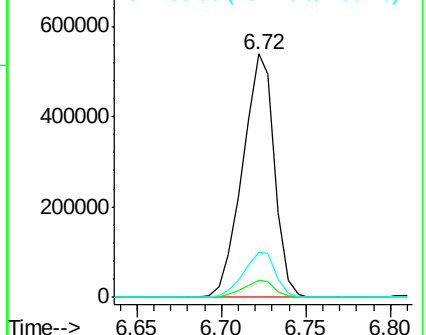
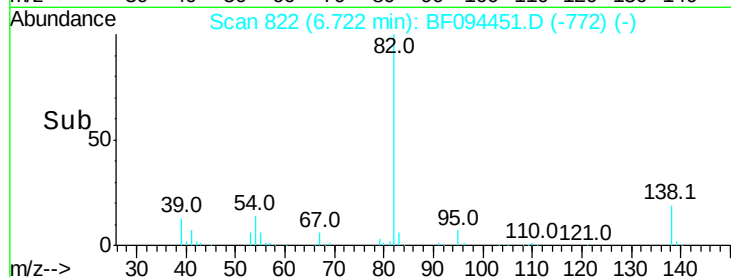
138 18.7 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.11 ng

RT: 6.81 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

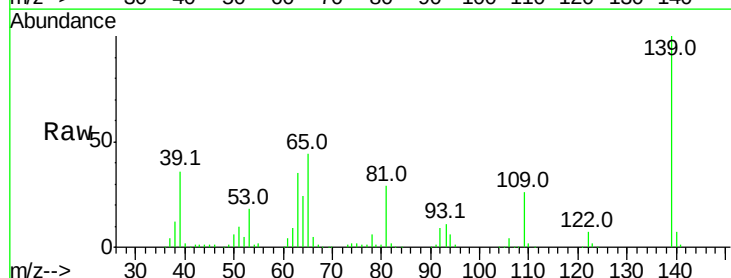
Tgt Ion: 139 Resp: 219522

Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

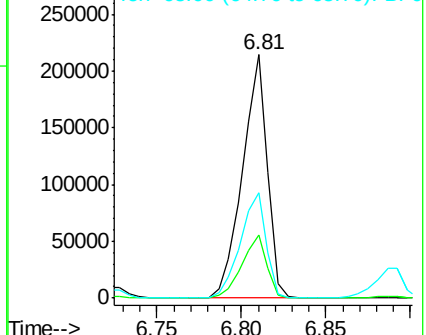
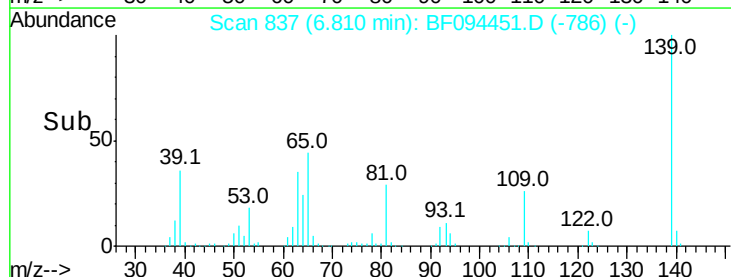
65 43.5 33.0 49.6

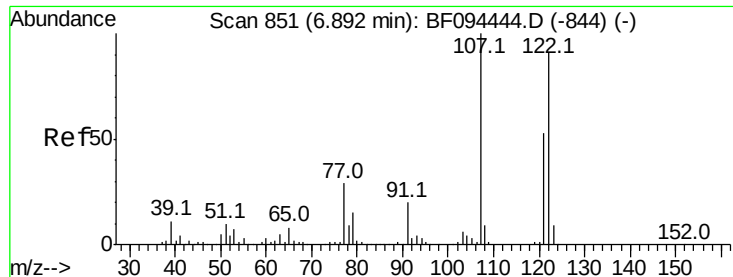


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.94 ng

RT: 6.89 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampled :

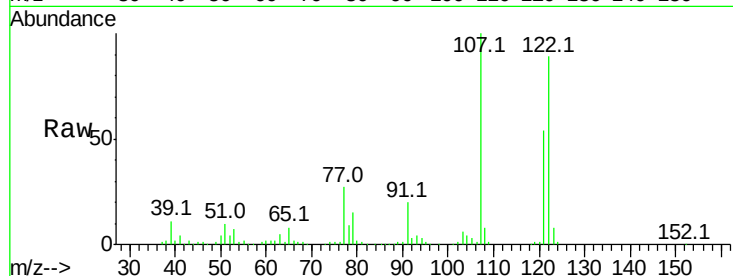
Tot Ion:122 Resp: 354984

Ion Ratio Lower Upper

122 100

107 111.9 89.2 133.8

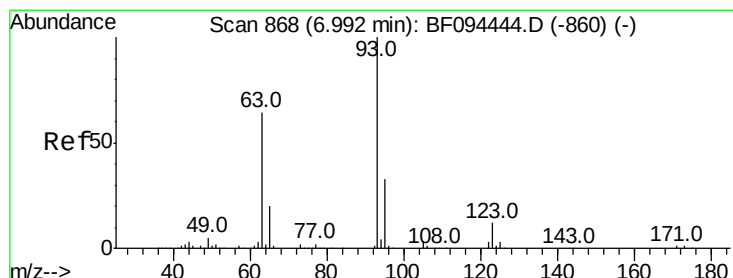
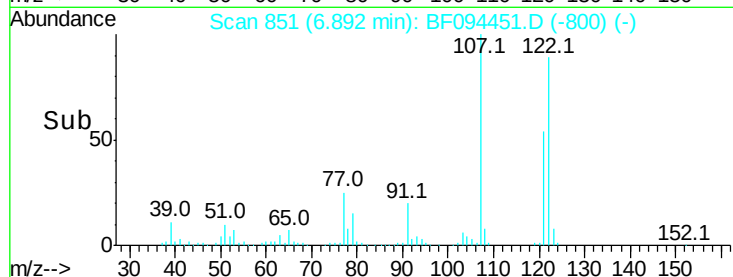
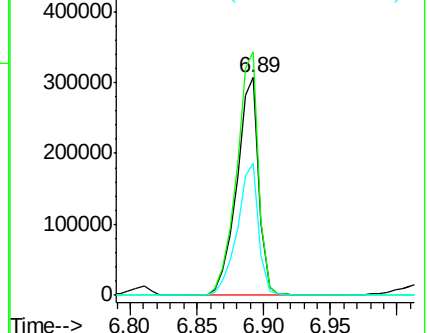
121 60.6 45.2 67.8



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: 38.72 ng

RT: 6.99 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

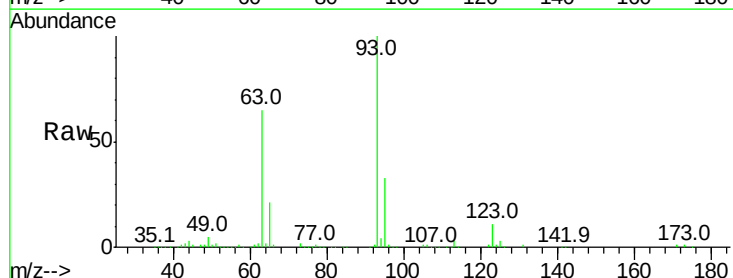
Tgt Ion: 93 Resp: 460538

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

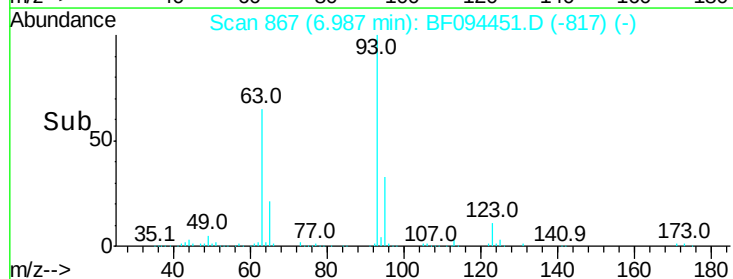
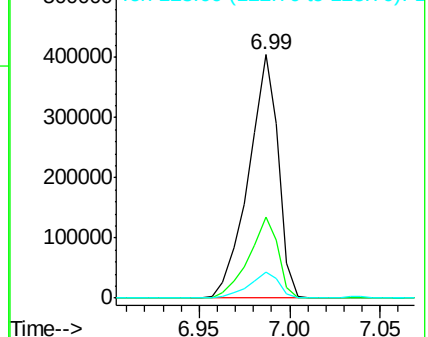
123 10.7 9.0 13.4

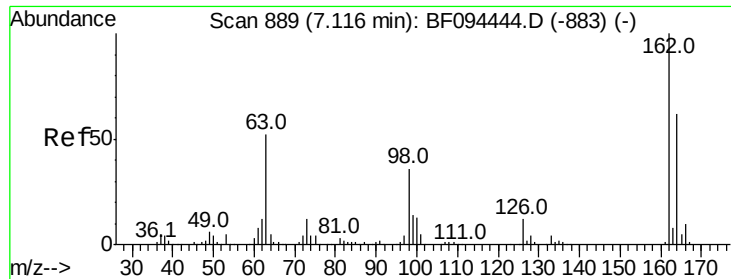


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

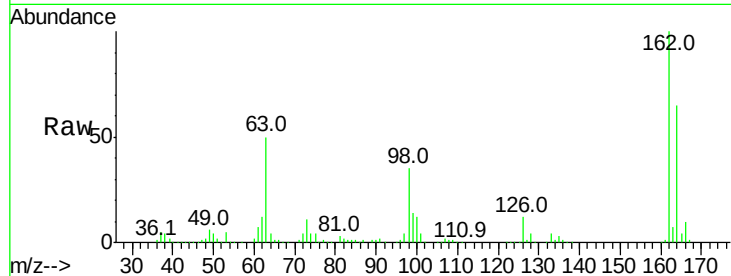




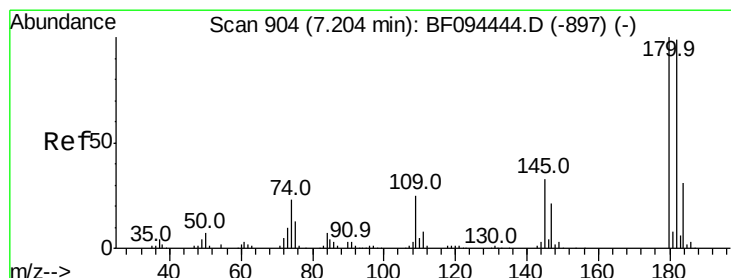
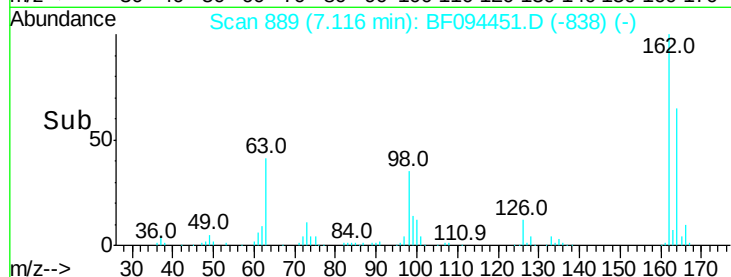
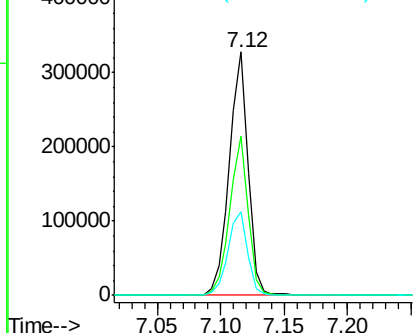
#29
 2,4-Dichlorophenol
 Concen: 39.55 ng
 RT: 7.12 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	34.6	14.8	54.8

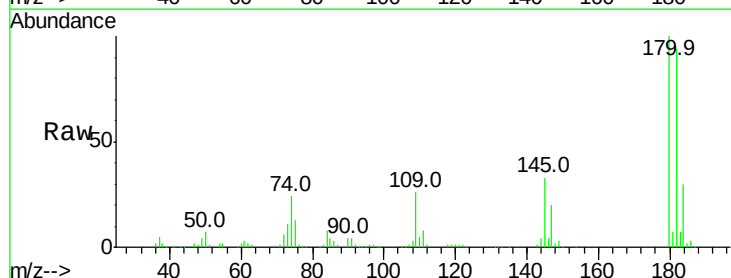


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

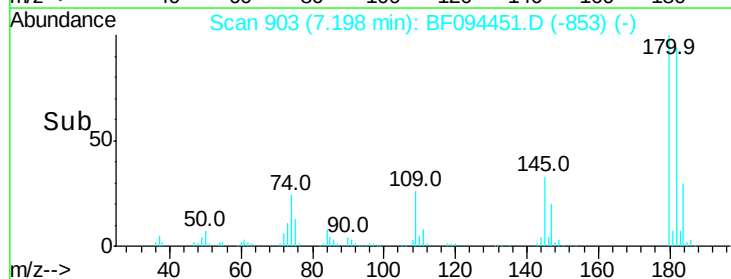
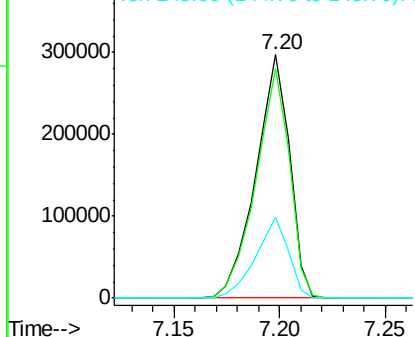


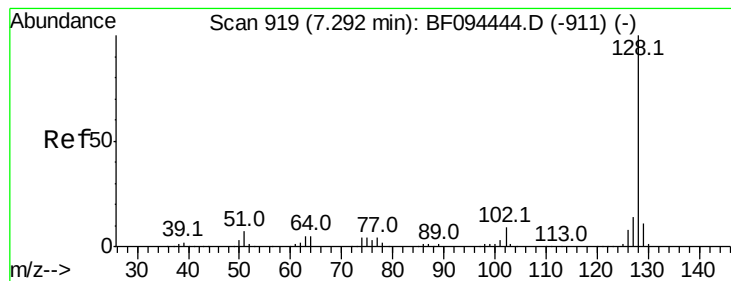
#30
 1,2,4-Trichlorobenzene
 Concen: 37.67 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	33.3	25.3	37.9



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





#31

Naphthalene

Concen: 37.30 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

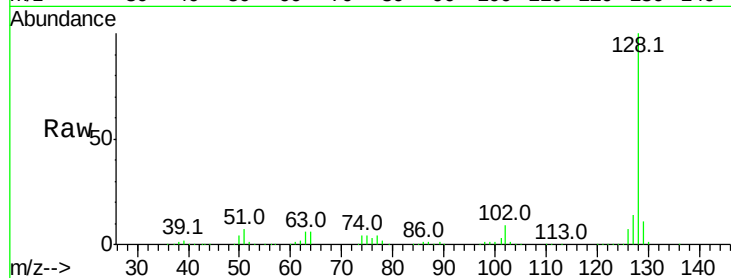
Tot Ion:128 Resp: 1098493

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

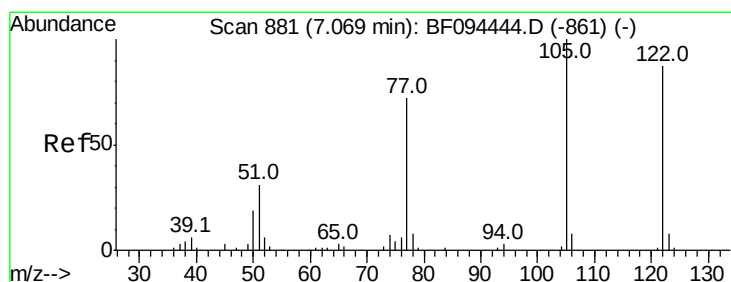
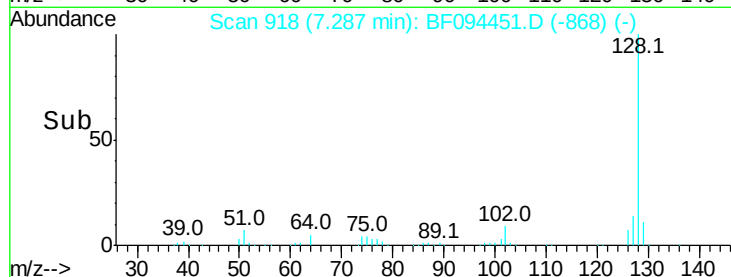
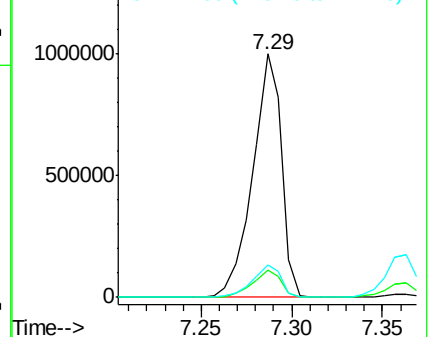
127 13.5 10.8 16.2



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: 13.24 ng

RT: 7.04 min Scan# 876

Delta R.T. -0.03 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

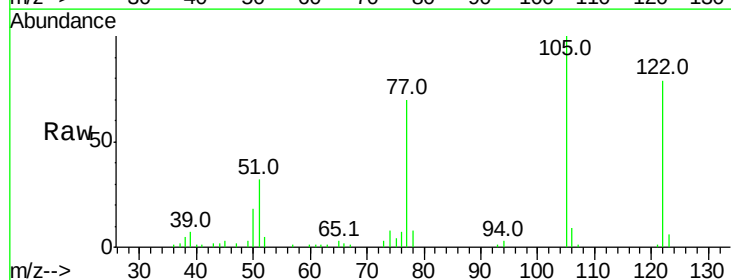
Tgt Ion:122 Resp: 63830

Ion Ratio Lower Upper

122 100

105 126.4 103.3 143.3

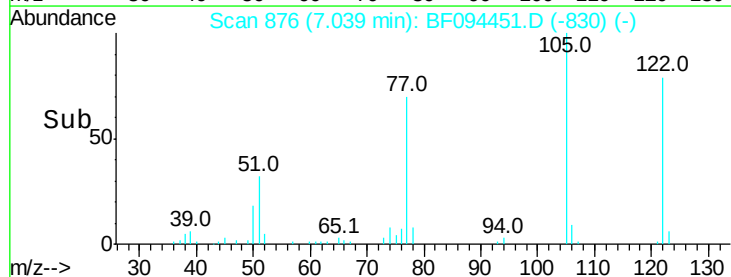
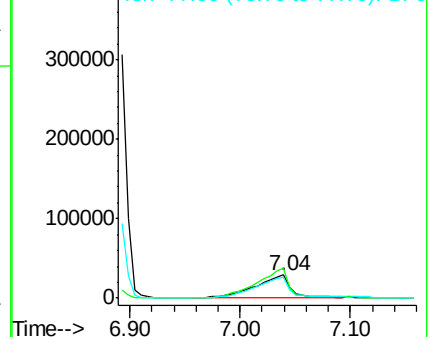
77 88.0 73.7 113.7

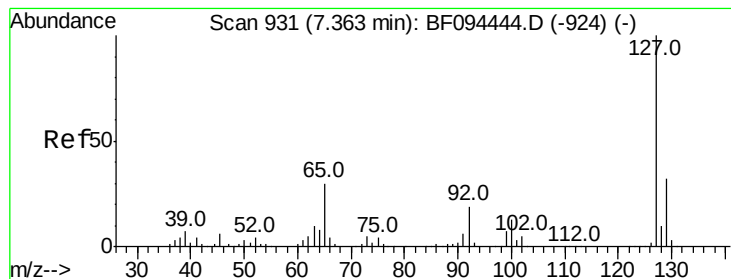


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.42 ng

RT: 7.36 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF094451.D

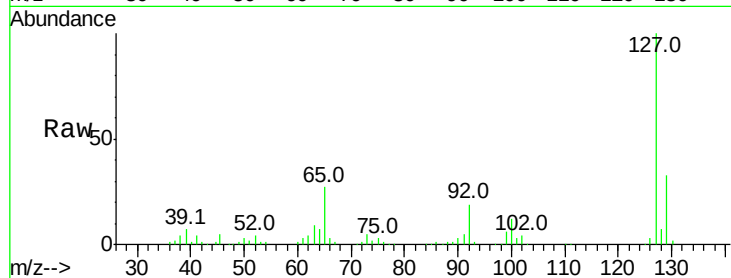
Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	225705
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	27.0	27.8	41.8#
92	18.7	16.8	25.2

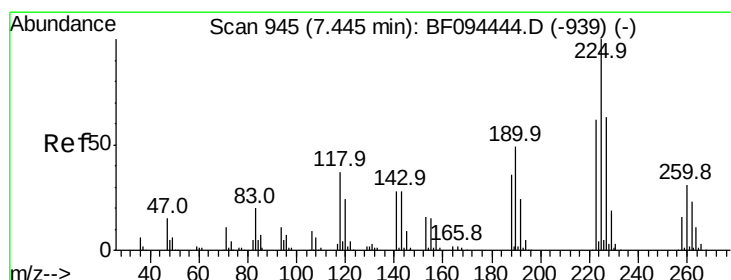
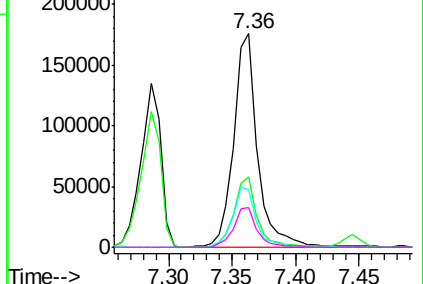
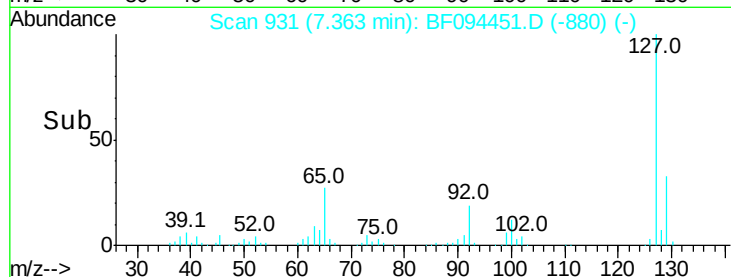


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.83 ng

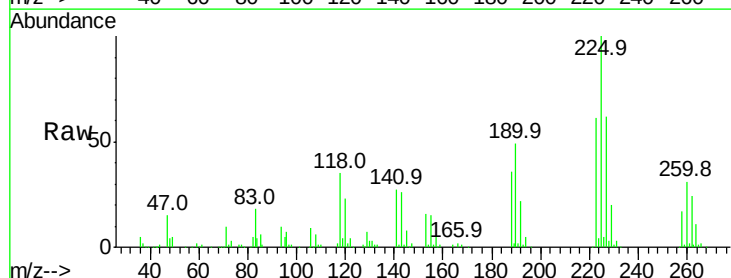
RT: 7.45 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

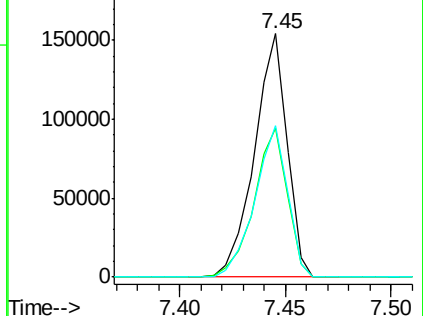
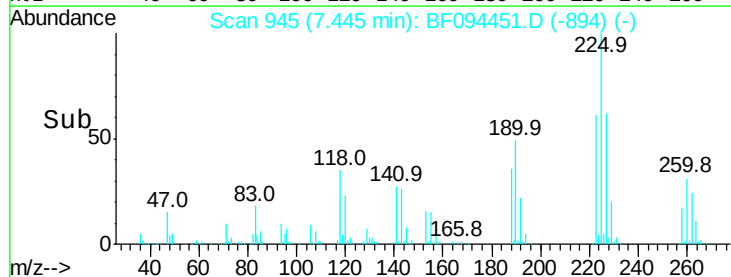
Tgt Ion:	225	Resp:	165368
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.8	73.2
227	62.0	51.1	76.7

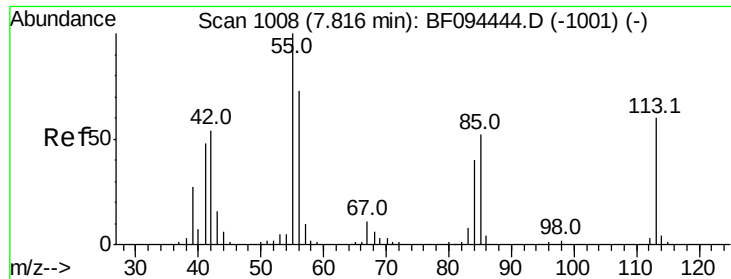


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

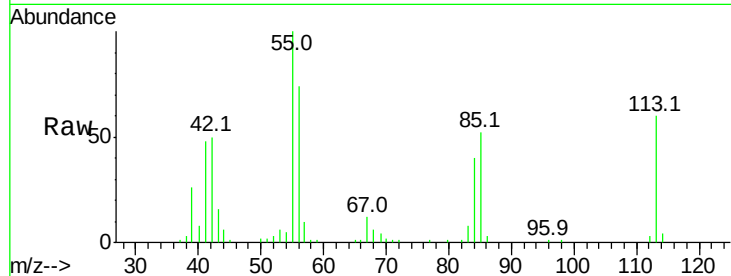




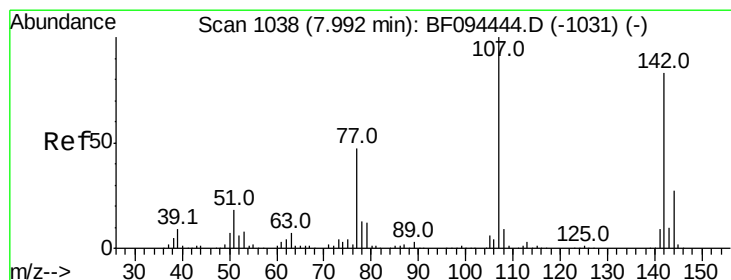
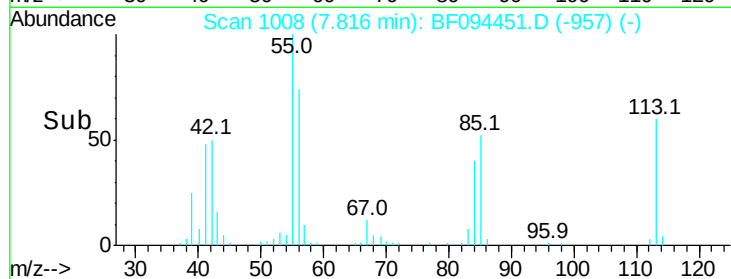
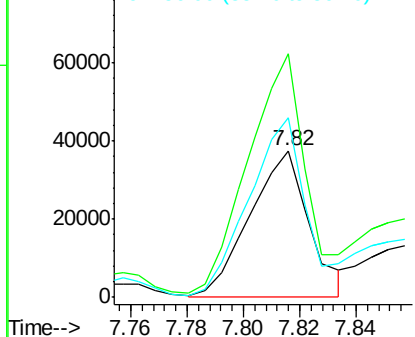
#35
 Caprolactam
 Concen: 20.38 ng
 RT: 7.82 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 54293
 Ion Ratio Lower Upper
 113 100
 55 165.8 150.2 190.2
 56 122.5 107.8 147.8

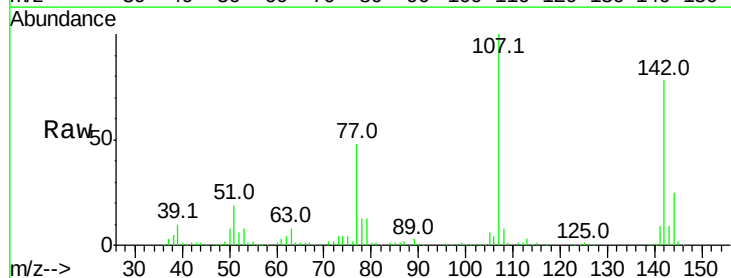


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

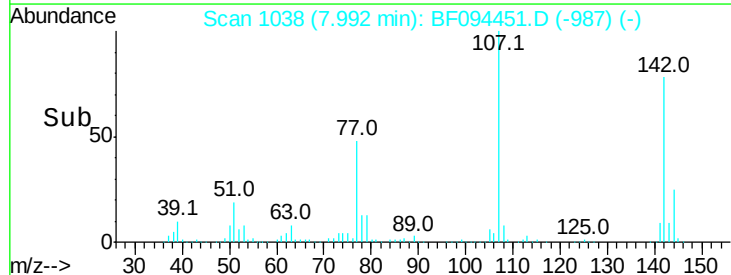
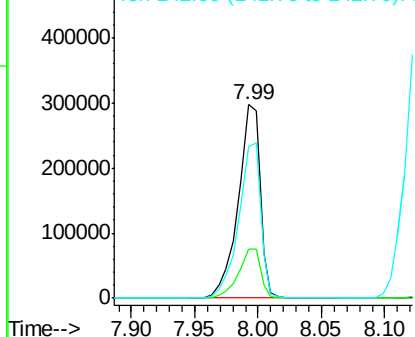


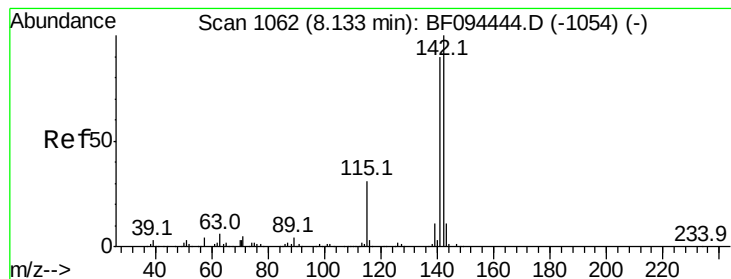
#36
 4-Chloro-3-methylphenol
 Concen: 40.19 ng
 RT: 7.99 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:107 Resp: 357163
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 78.3 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: 38.53 ng

RT: 8.13 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

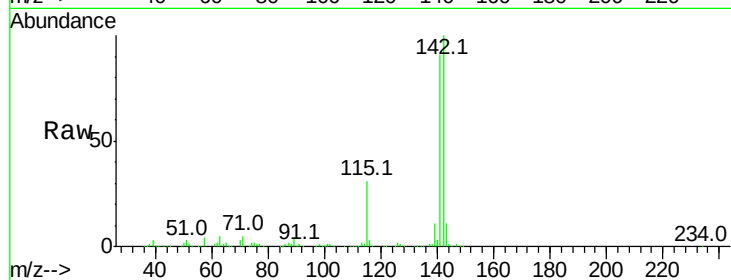
Tot Ion:142 Resp: 776192

Ion Ratio Lower Upper

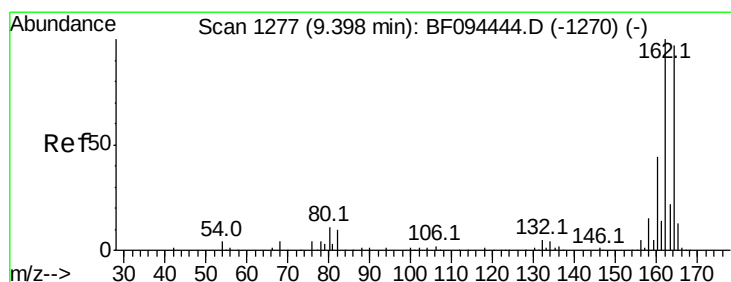
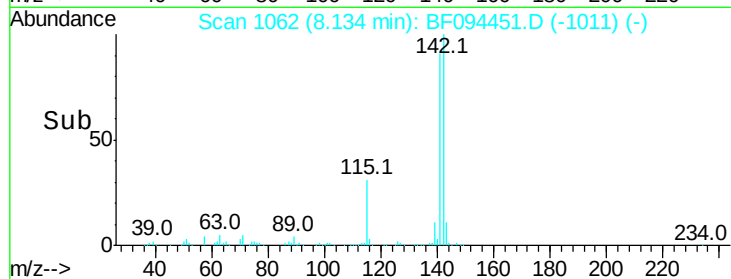
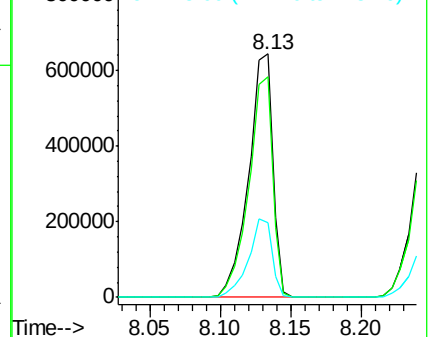
142 100

141 90.5 71.3 106.9

115 30.9 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: 9.40 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

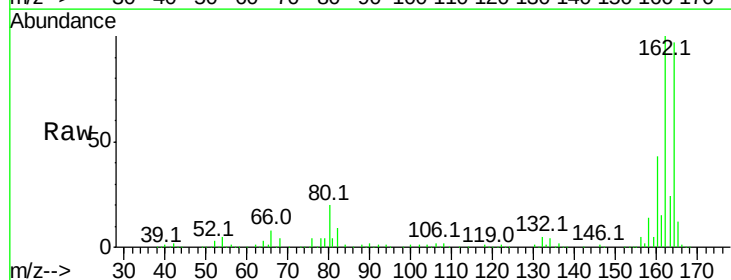
Tgt Ion:164 Resp: 280045

Ion Ratio Lower Upper

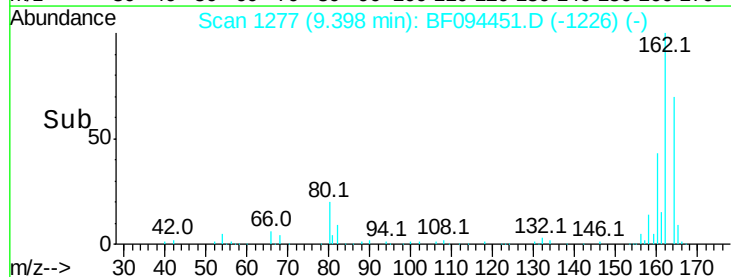
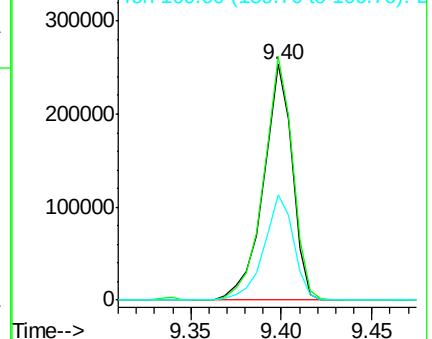
164 100

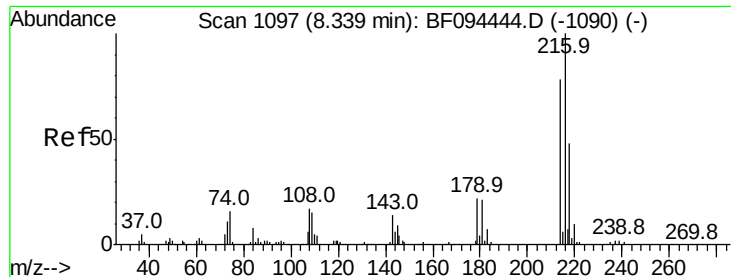
162 103.4 82.6 123.8

160 44.9 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: 36.54 ng

RT: 8.34 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 291414

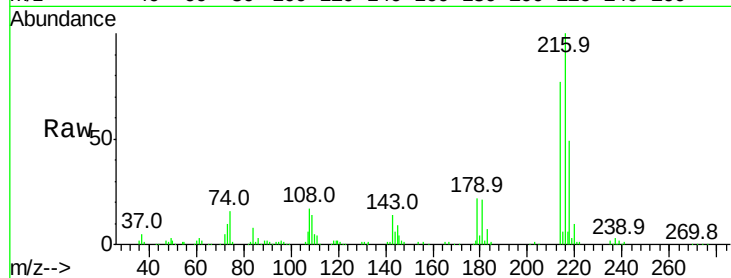
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 21.8 17.9 26.9

108 21.7 16.5 24.7

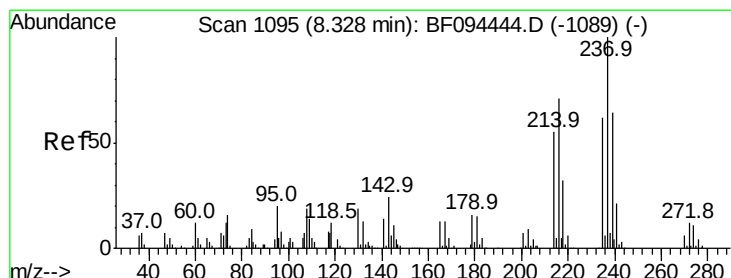
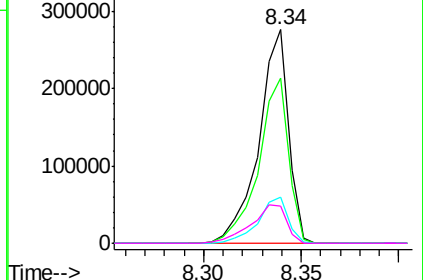
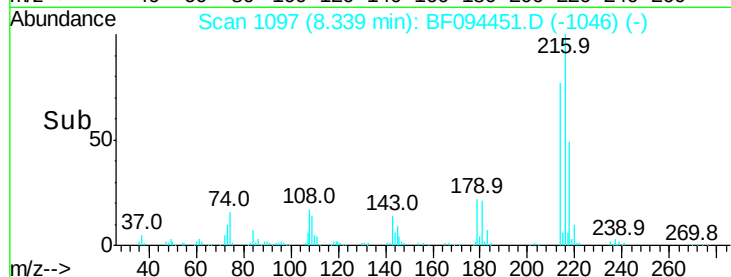


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.29 ng

RT: 8.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

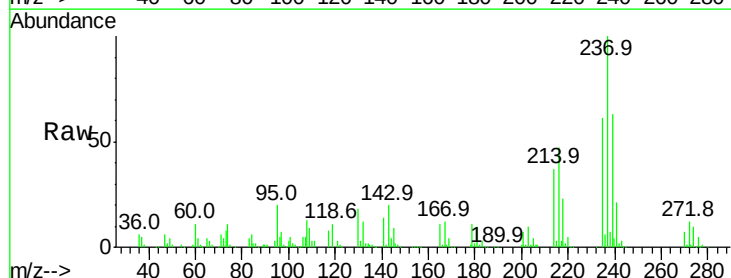
Tgt Ion:237 Resp: 268679

Ion Ratio Lower Upper

237 100

235 61.1 42.6 82.6

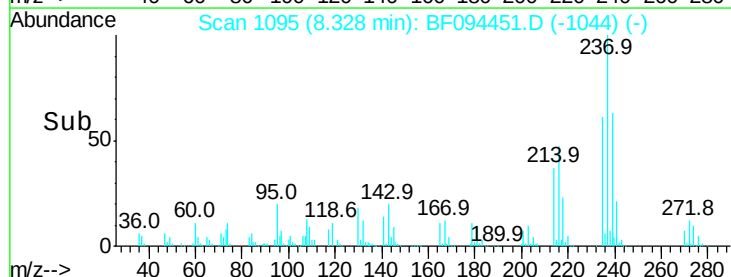
272 12.4 0.0 31.9



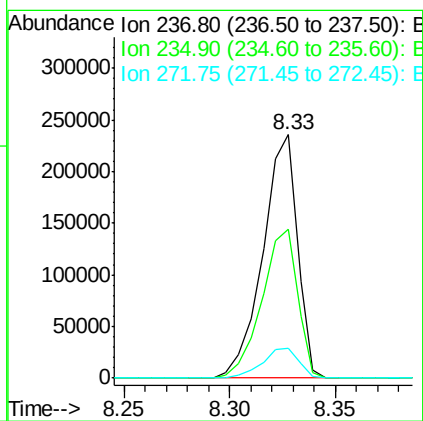
Abundance Ion 236.80 (236.50 to 237.50): E

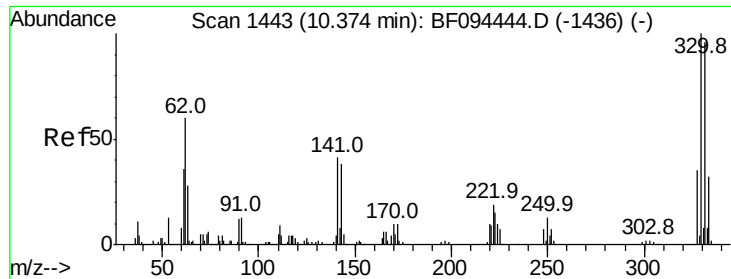
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

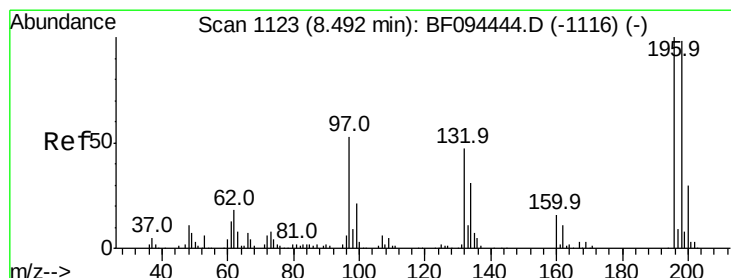
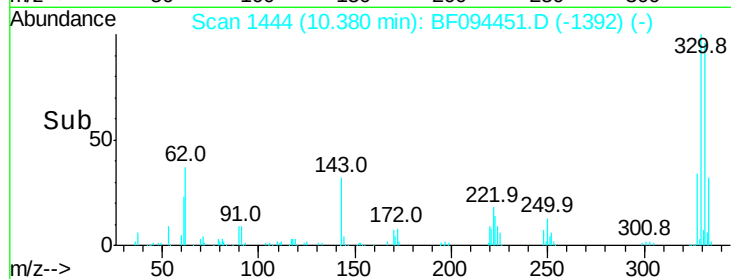
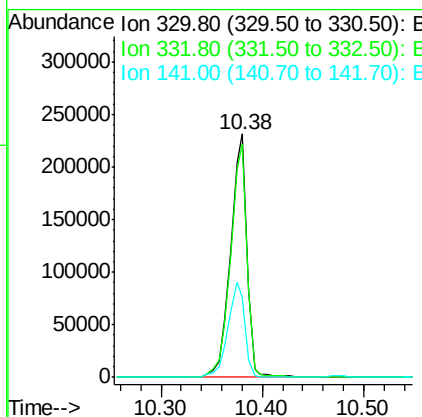
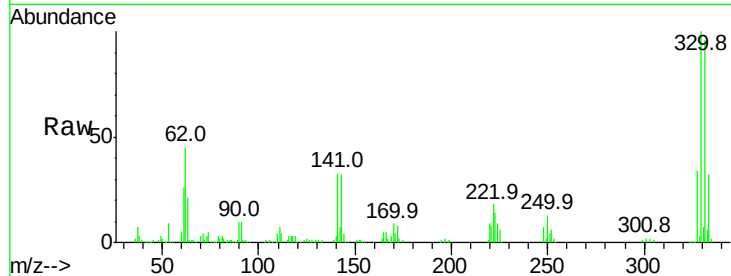




#41
 2,4,6-Tribromophenol
 Concen: 119.14 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

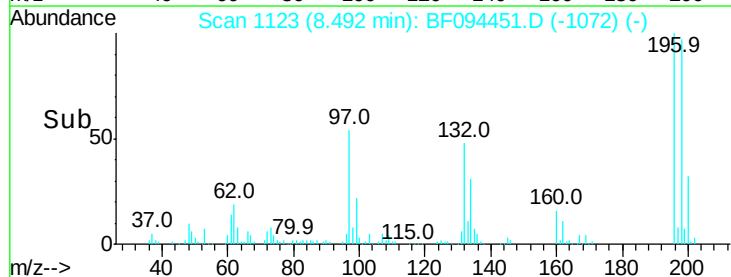
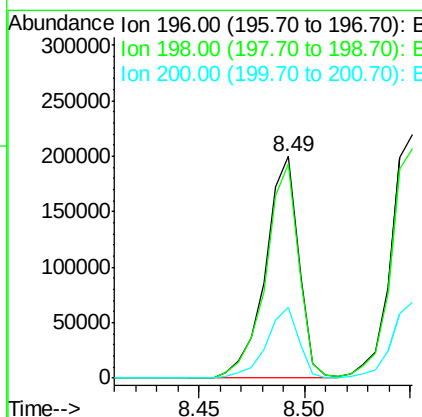
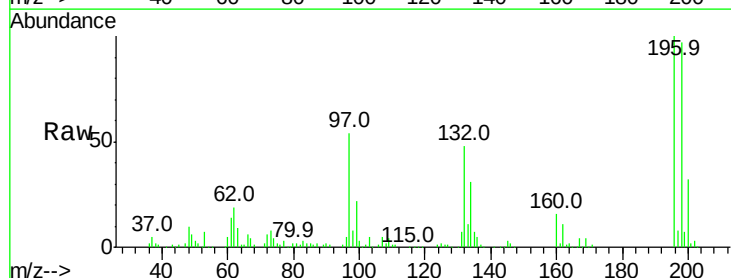
Instrument :
 BNA_F
 ClientSampleId :

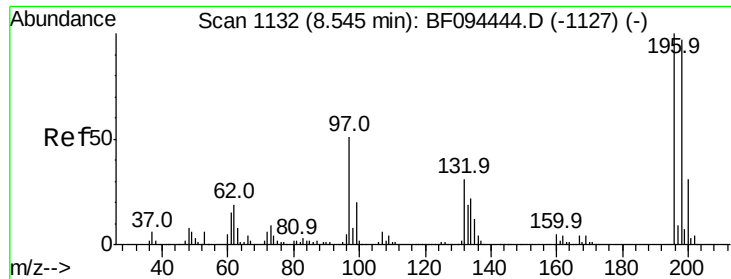
Tot Ion:330 Resp: 260974
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 40.1 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.16 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:196 Resp: 219315
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.4
 200 31.9 24.0 36.0

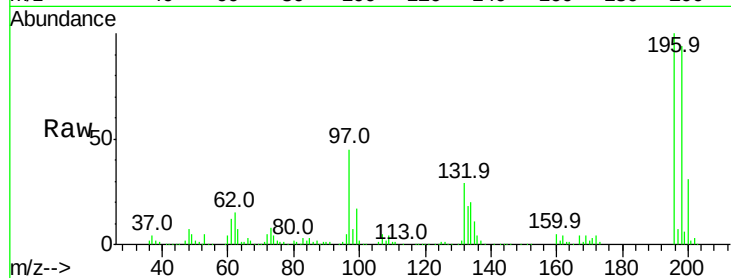




#43
 2,4,5-Trichlorophenol
 Concen: 39.41 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
97	44.9	47.7	71.5#
132	29.4	28.0	42.0



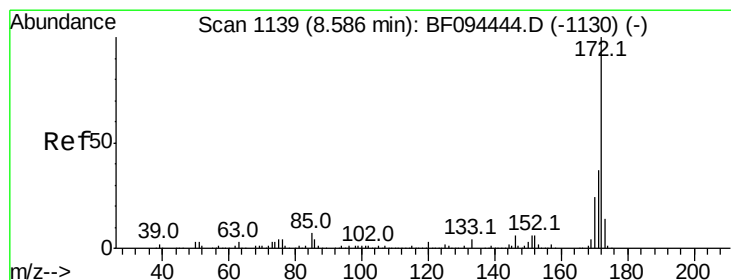
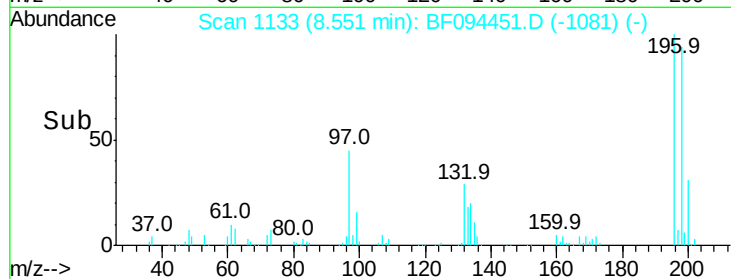
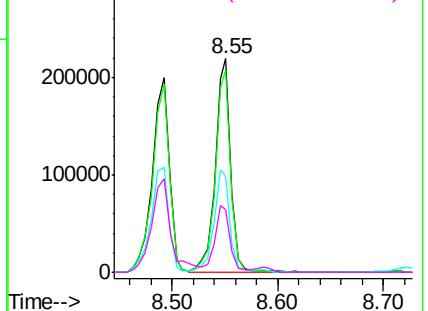
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

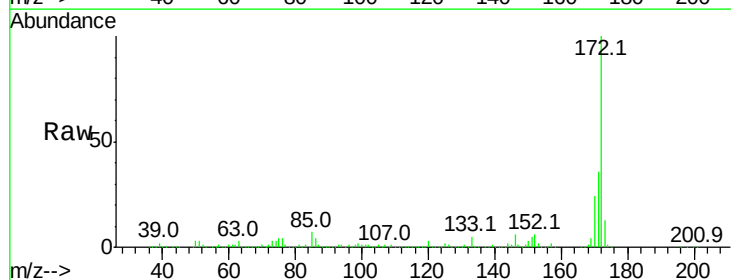
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.0	19.8	29.8

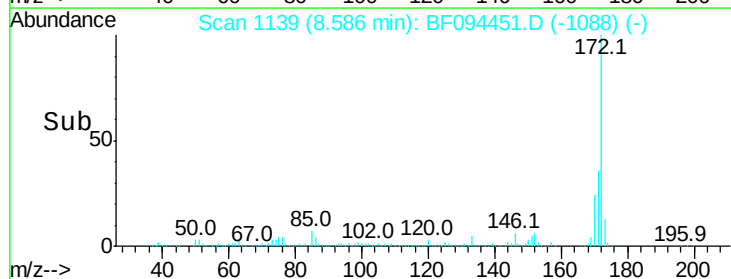
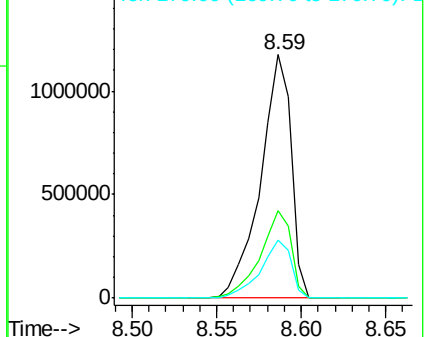


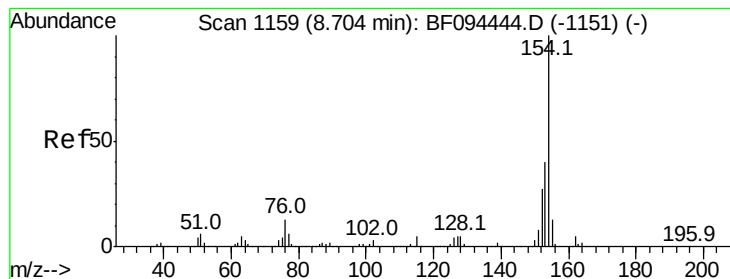
Abundance

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: 37.72 ng

RT: 8.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

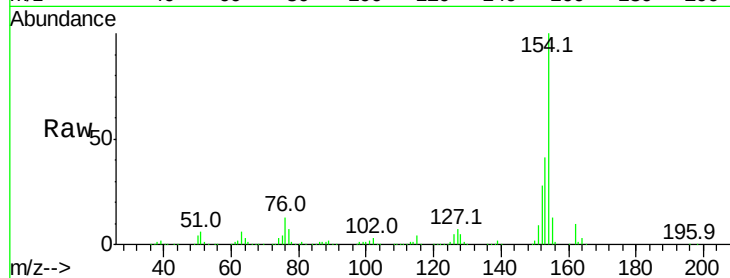
Tot Ion:154 Resp: 862974

Ion Ratio Lower Upper

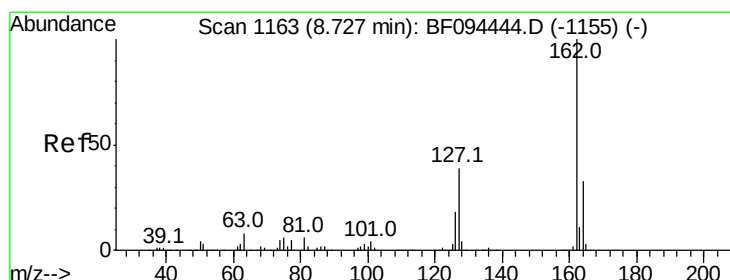
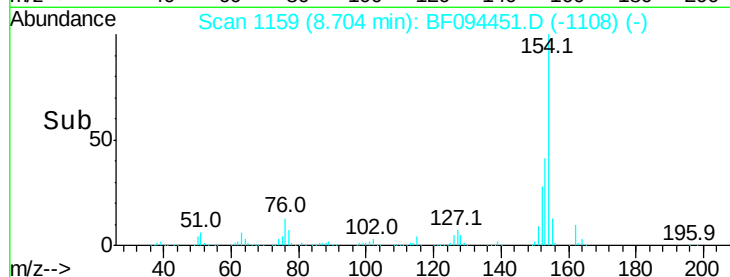
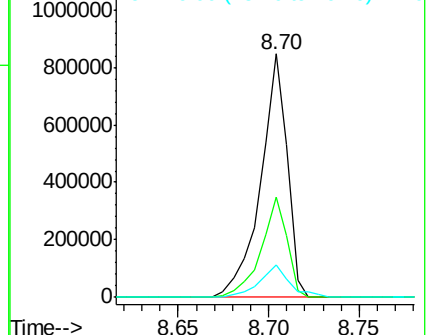
154 100

153 41.0 21.2 61.2

76 13.1 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: 37.84 ng

RT: 8.72 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

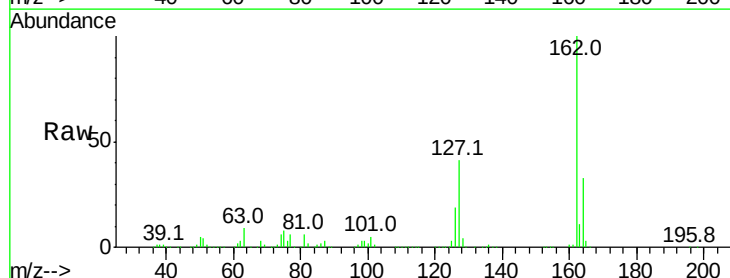
Tgt Ion:162 Resp: 688396

Ion Ratio Lower Upper

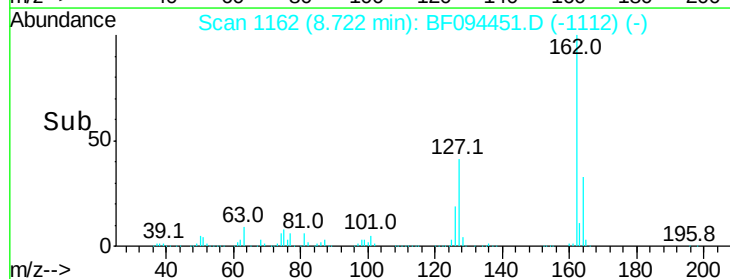
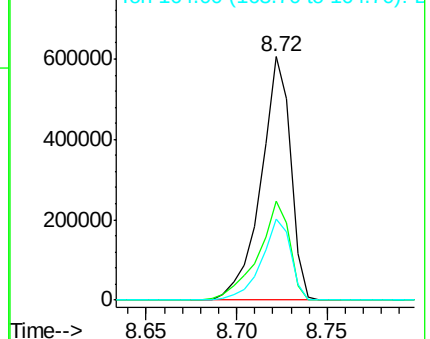
162 100

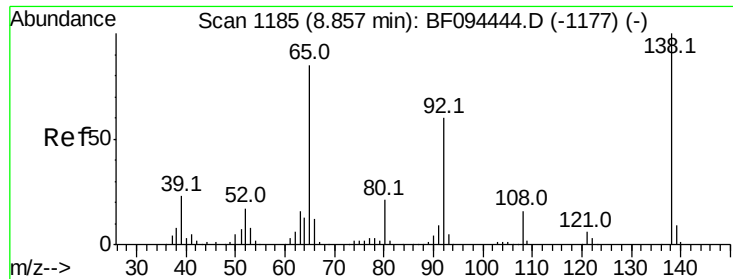
127 40.9 28.3 42.5

164 33.1 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

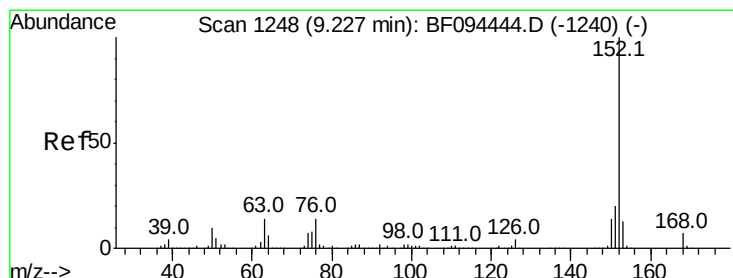
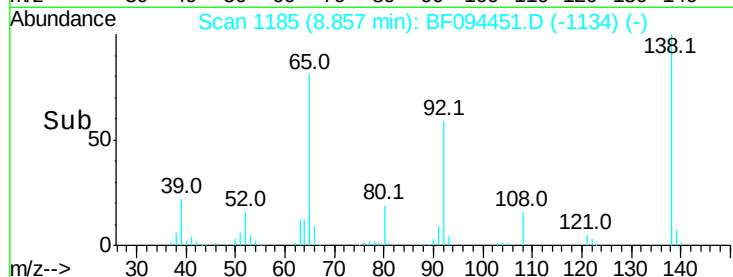
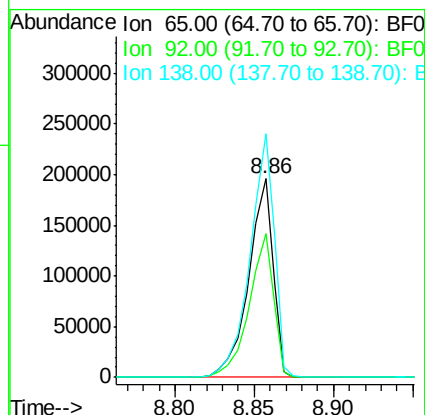
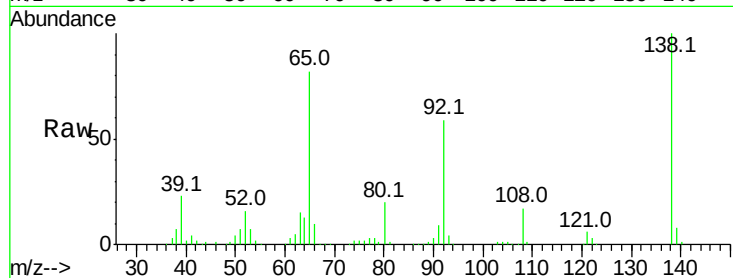




#47
 2-Nitroaniline
 Concen: 40.18 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

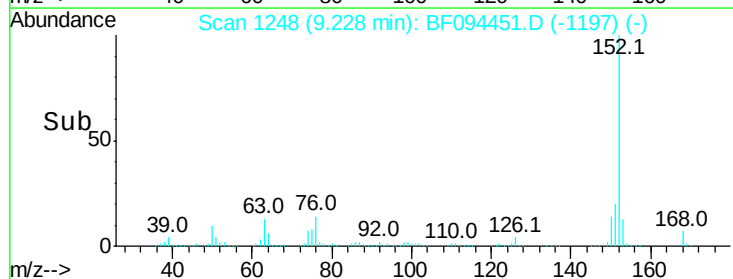
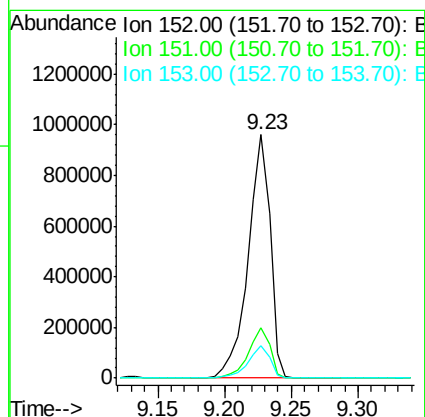
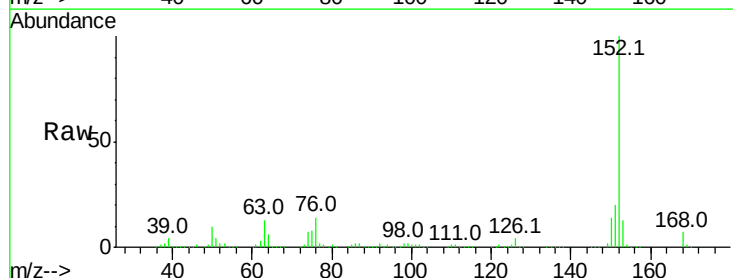
Instrument :
 BNA_F
 ClientSampleId :

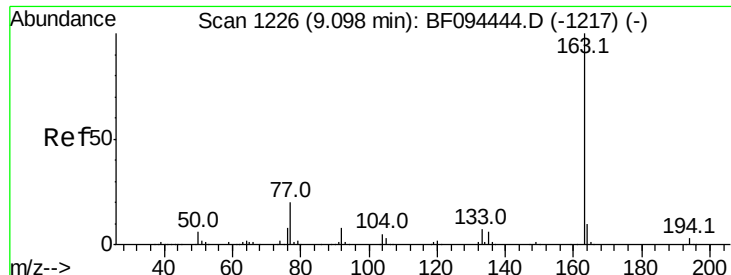
Tot Ion: 65 Resp: 210261
 Ion Ratio Lower Upper
 65 100
 92 72.2 53.9 80.9
 138 122.5 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.15 ng
 RT: 9.23 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:152 Resp: 1081954
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.2 10.8 16.2

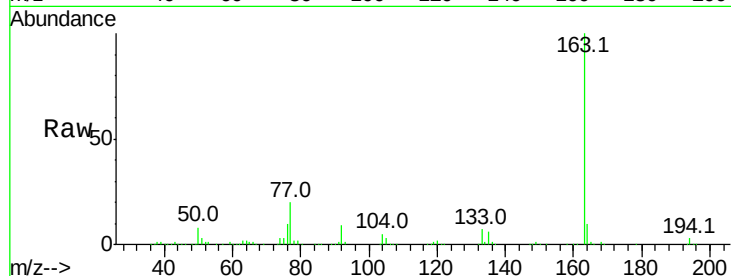




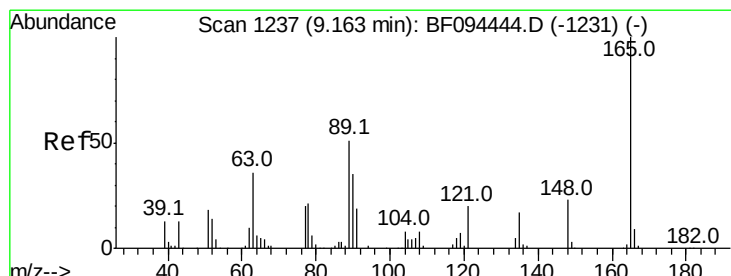
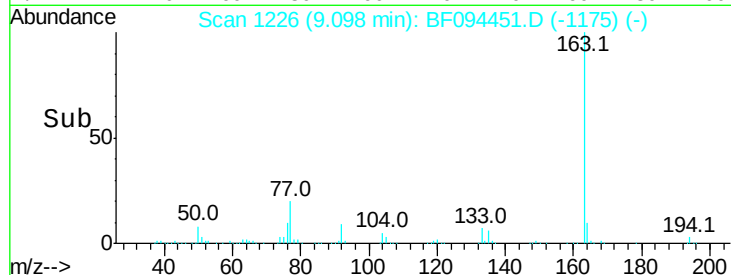
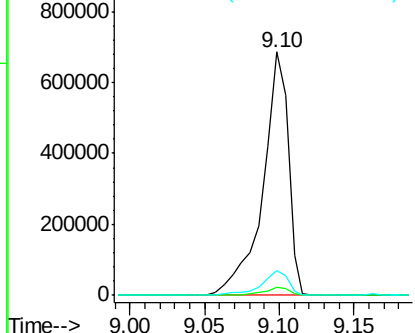
#49
Dimethylphthalate
Concen: 38.84 ng
RT: 9.10 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 810489
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.4 12.6

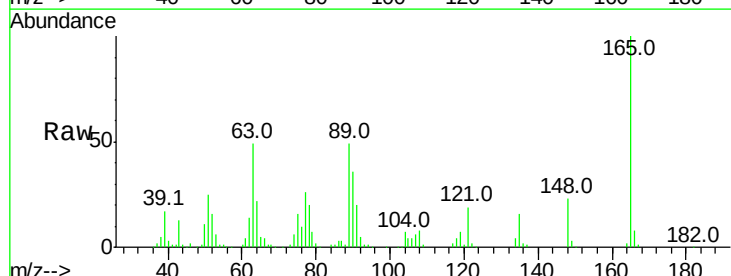


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

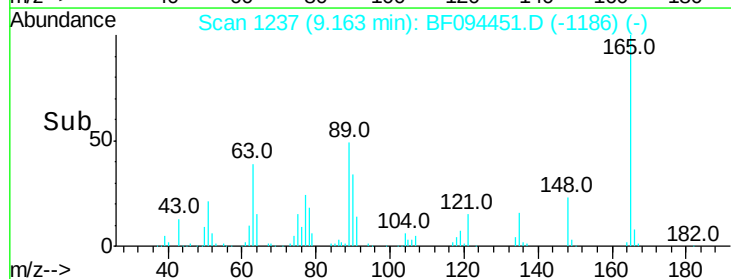
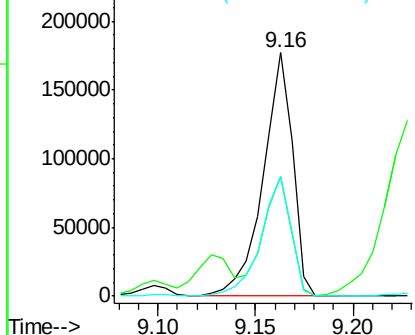


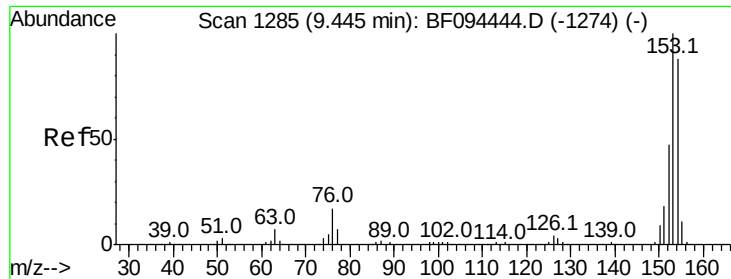
#50
2,6-Dinitrotoluene
Concen: 39.73 ng
RT: 9.16 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion:165 Resp: 186121
Ion Ratio Lower Upper
165 100
63 49.0 34.3 51.5
89 49.1 37.1 55.7



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





#51

Acenaphthene

Concen: 38.27 ng

RT: 9.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

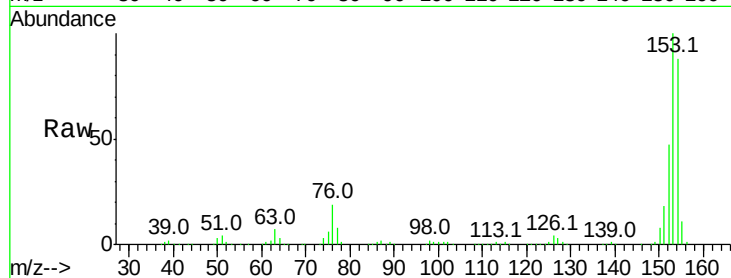
Tot Ion:154 Resp: 650025

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

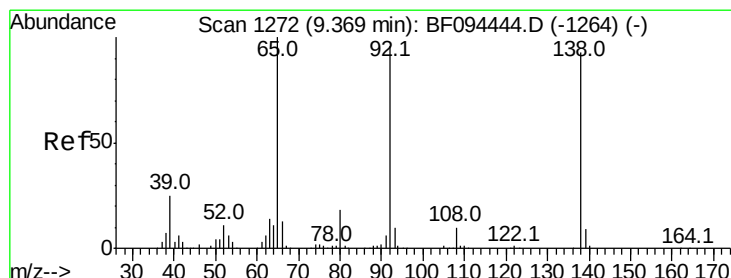
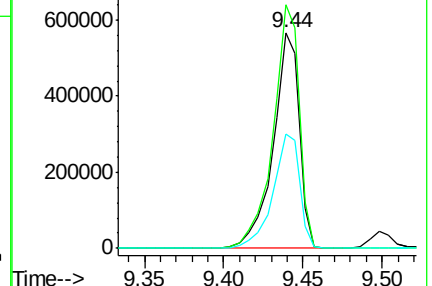
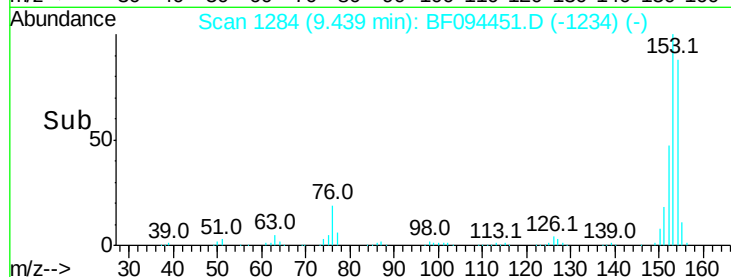
152 53.3 43.6 65.4



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: 25.20 ng

RT: 9.36 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

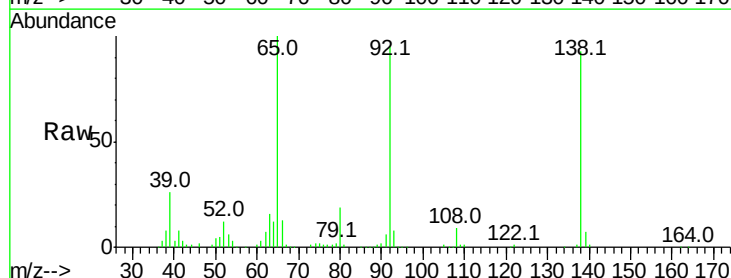
Tgt Ion:138 Resp: 136585

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

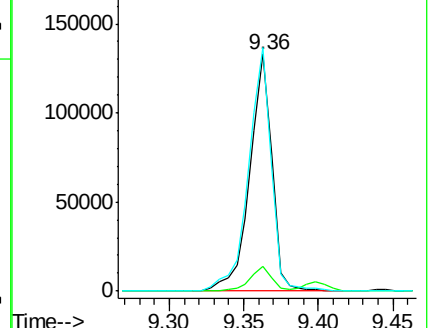
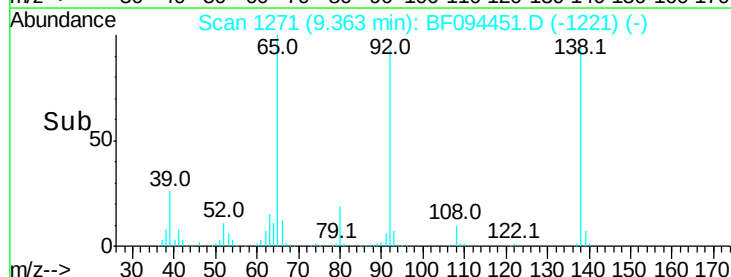
92 102.8 93.8 140.6

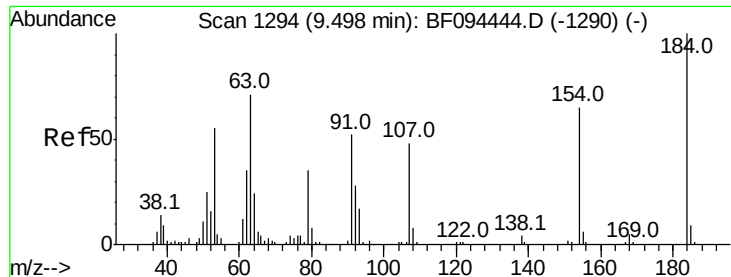


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

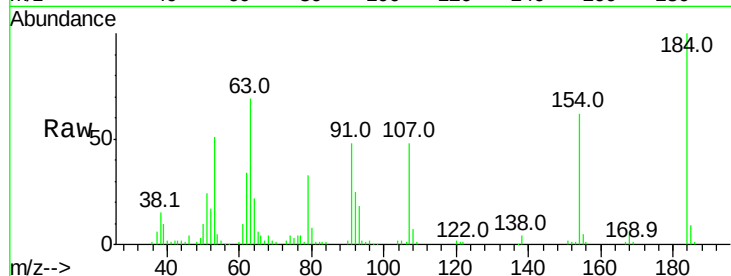




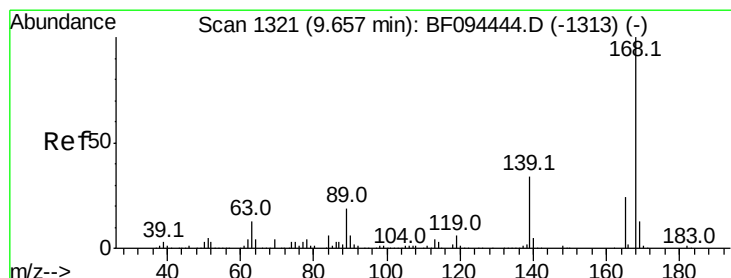
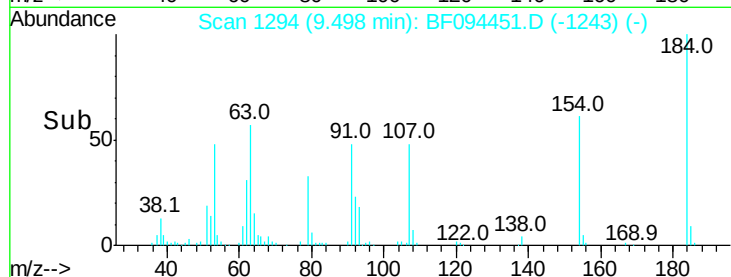
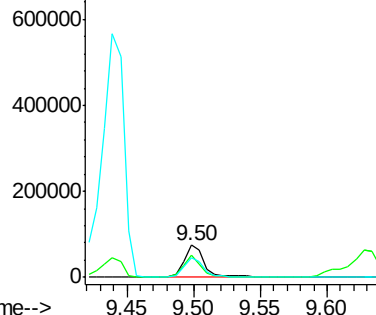
#53
 2,4-Dinitrophenol
 Concen: 36.02 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 82894
 Ion Ratio Lower Upper
 184 100
 63 69.3 62.7 94.1
 154 62.0 81.1 121.7#

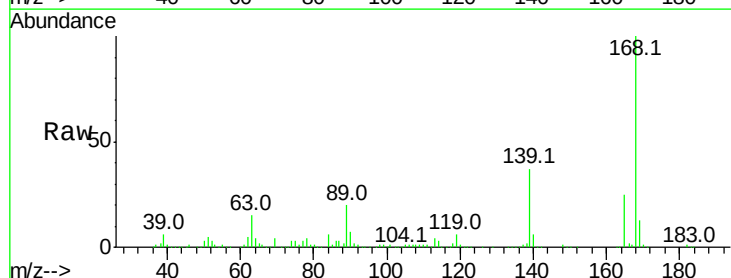


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

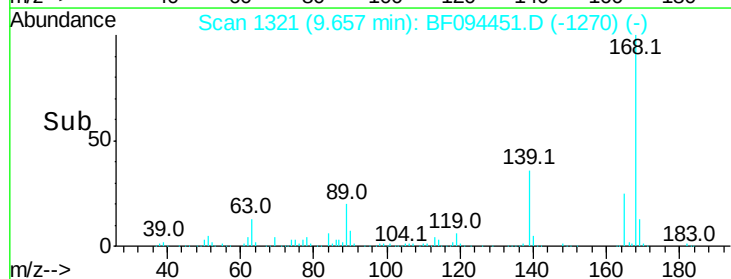
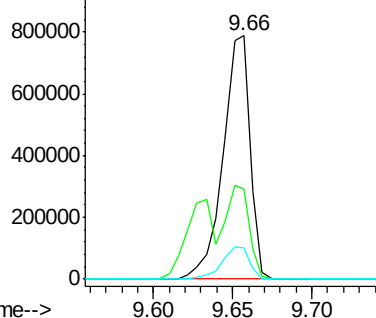


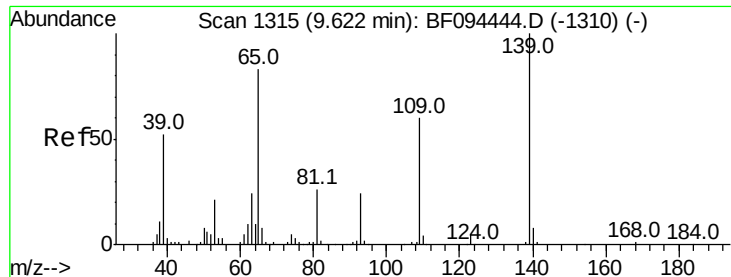
#54
 Dibenzofuran
 Concen: 37.81 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:168 Resp: 933553
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.6 45.8
 169 13.0 10.8 16.2



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





#55

4-Nitrophenol

Concen: 80.55 ng

RT: 9.63 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampled :

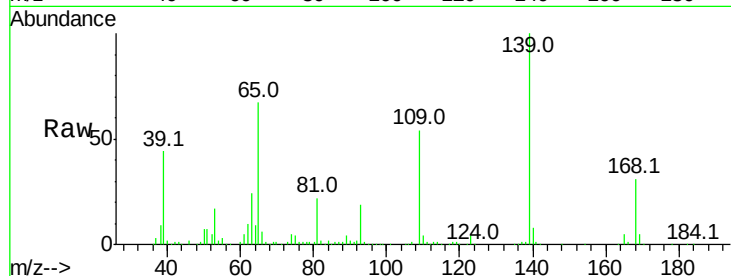
Tot Ion:139 Resp: 308417

Ion Ratio Lower Upper

139 100

109 54.4 34.1 74.1

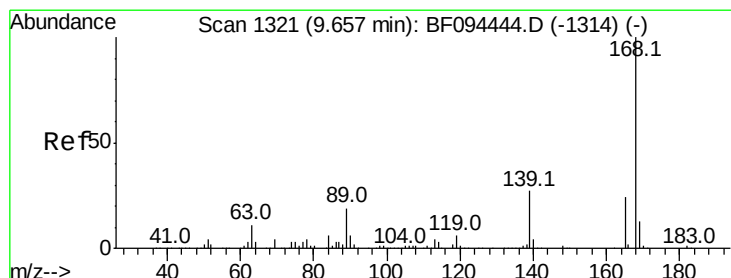
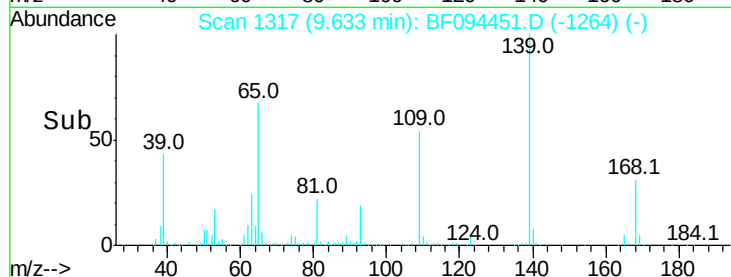
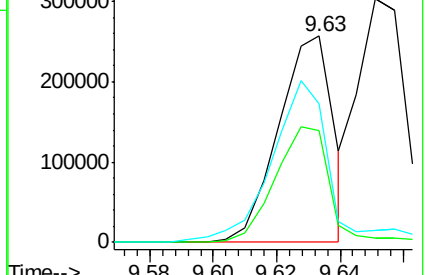
65 67.0 31.4 71.4



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: 39.68 ng

RT: 9.66 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion:165 Resp: 228058

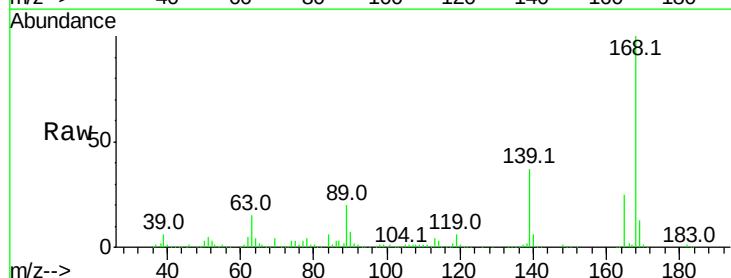
Ion Ratio Lower Upper

165 100

63 57.7 25.4 38.0#

89 78.2 46.4 69.6#

182 2.3 1.8 2.6

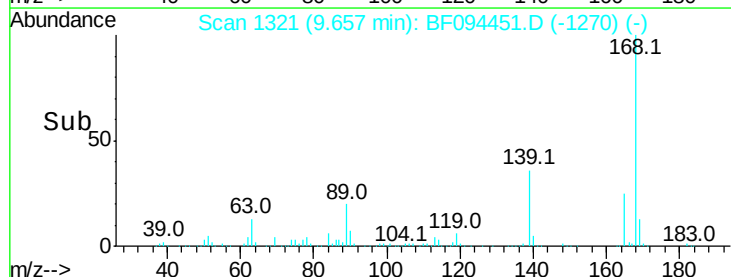
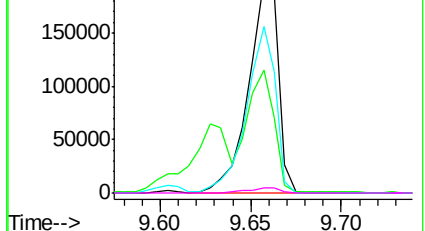


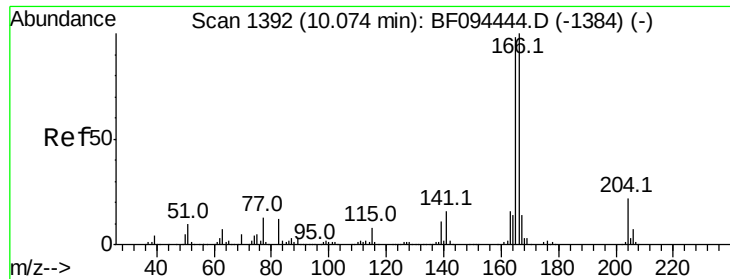
Abundance Ion 165.00 (164.70 to 165.70): E

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

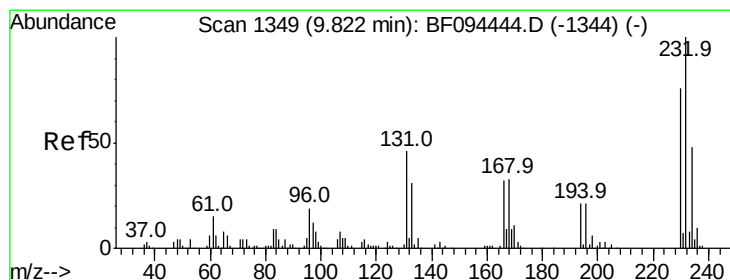
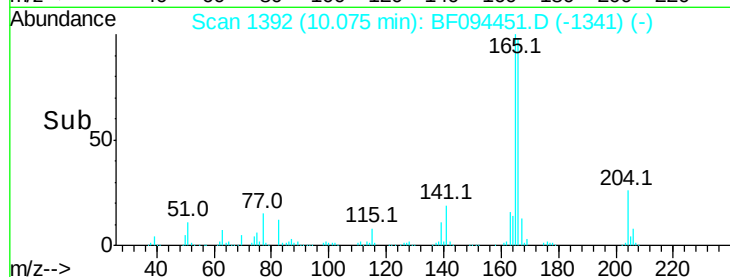
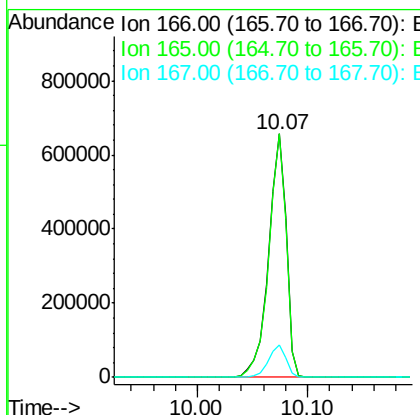
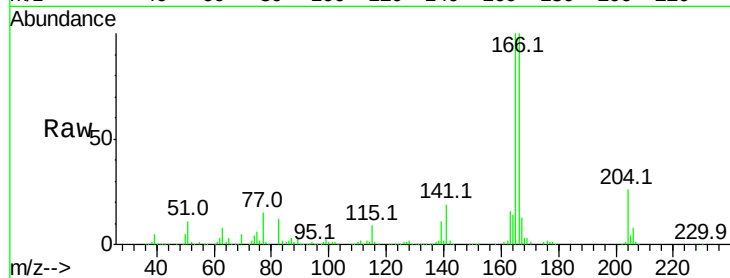




#57
 Fluorene
 Concen: 38.37 ng
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

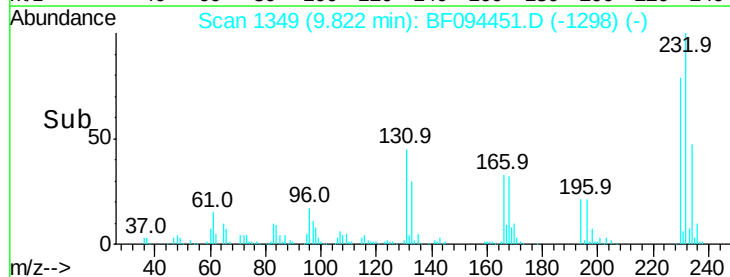
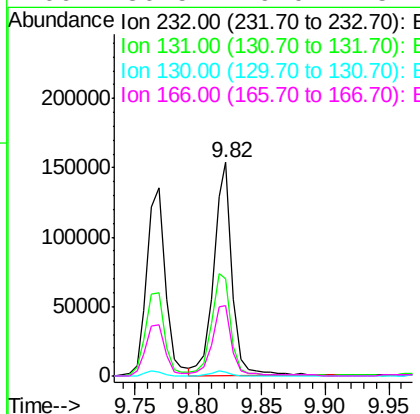
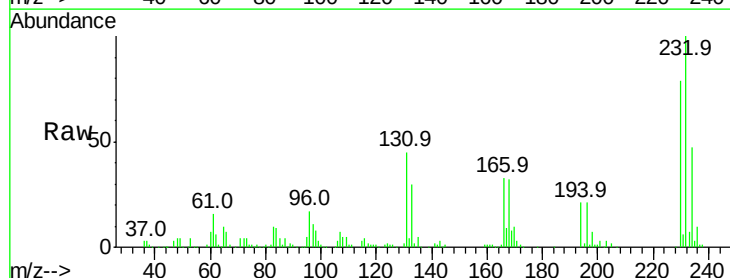
Instrument :
 BNA_F
 ClientSampled :

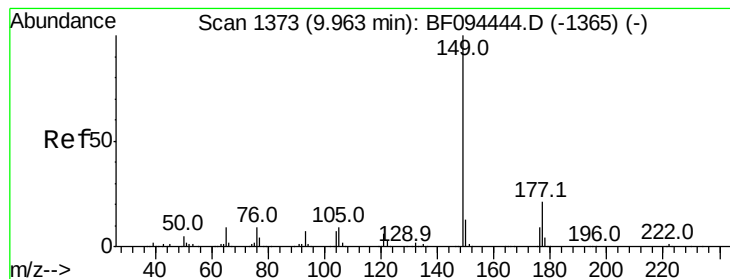
Tot Ion:166 Resp: 737740
 Ion Ratio Lower Upper
 166 100
 165 100.1 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.84 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:232 Resp: 155987
 Ion Ratio Lower Upper
 232 100
 131 51.2 44.8 67.2
 130 2.4 2.3 3.5
 166 36.5 29.0 43.4





#59

Diethylphthalate

Concen: 39.64 ng

RT: 9.97 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

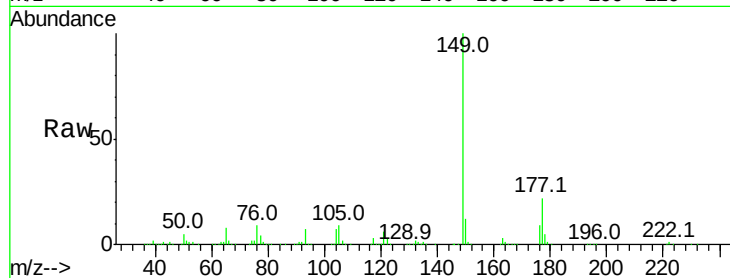
Tot Ion:149 Resp: 780489

Ion Ratio Lower Upper

149 100

177 21.9 16.7 25.1

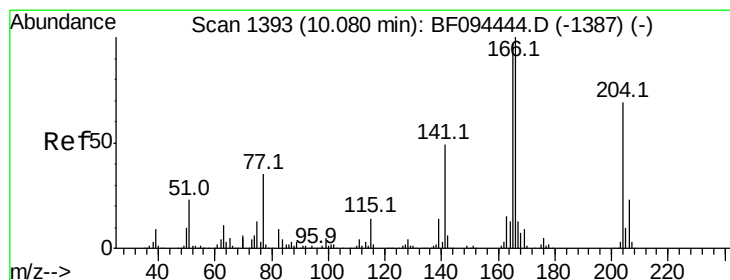
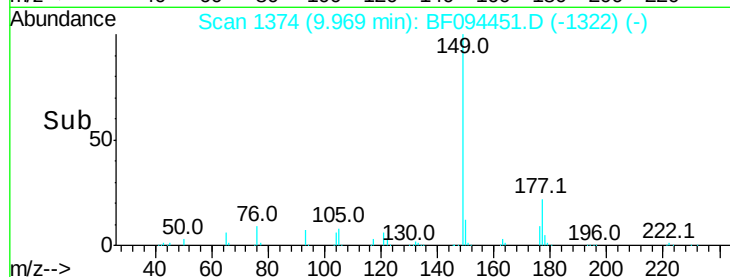
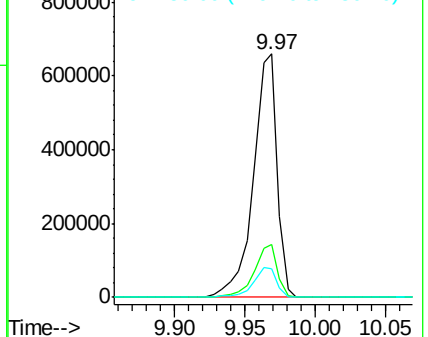
150 11.7 10.2 15.2



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: 39.69 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

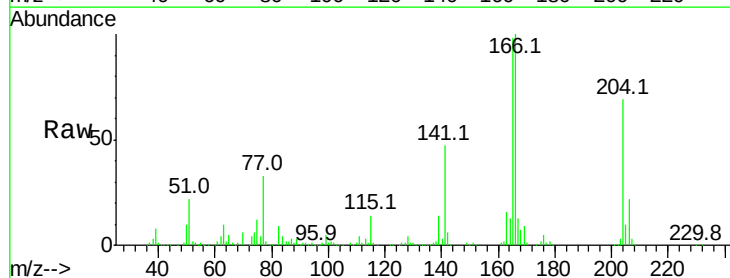
Tgt Ion:204 Resp: 317550

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

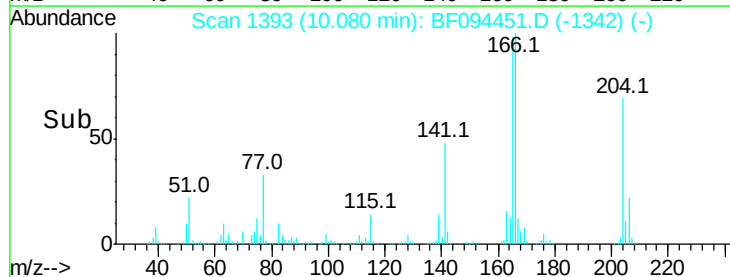
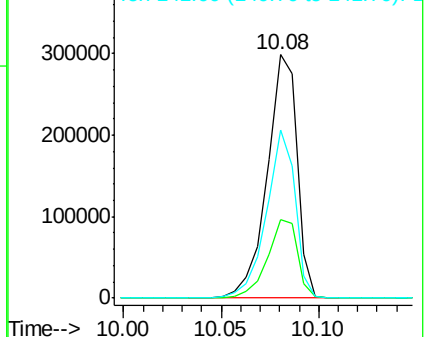
141 68.8 60.8 91.2

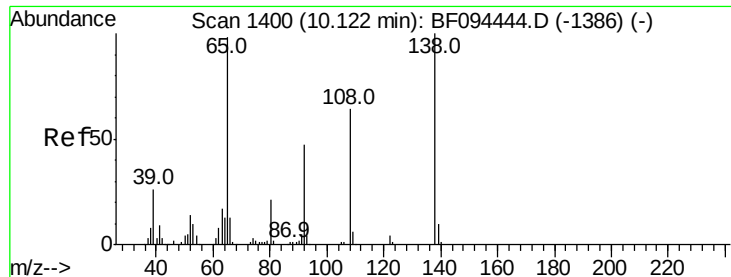


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

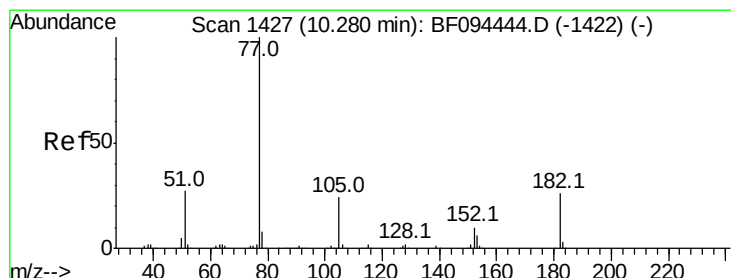
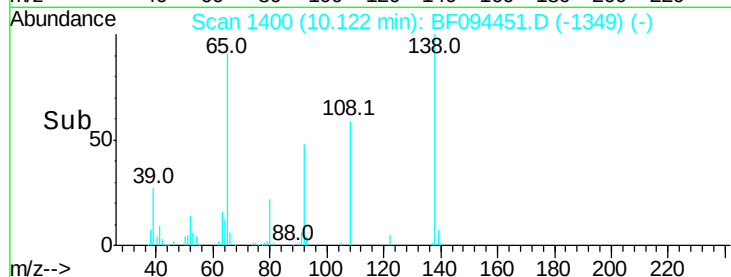
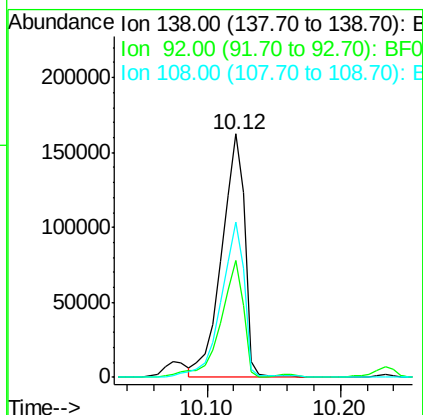
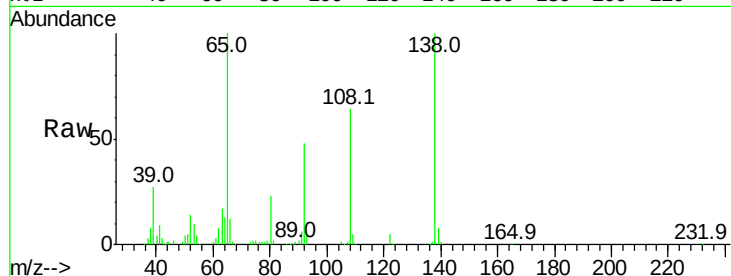




#61
4-Nitroaniline
Concen: 36.05 ng
RT: 10.12 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

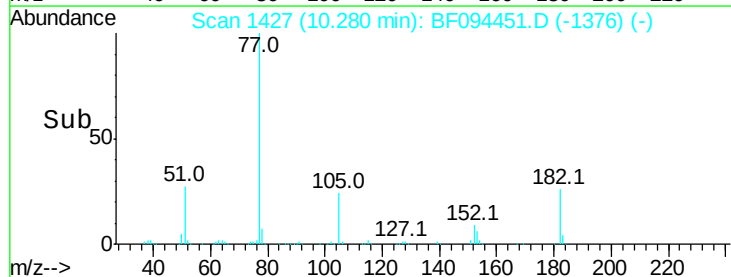
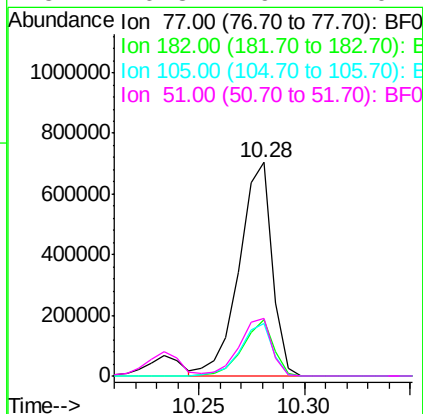
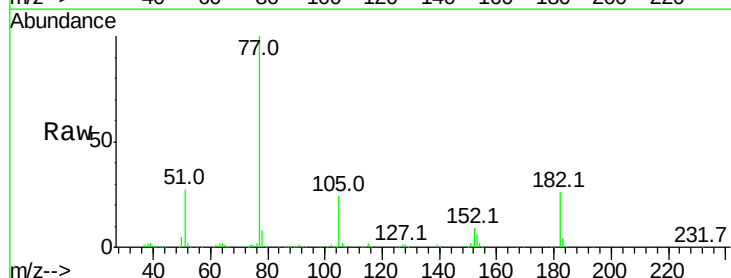
Instrument :
BNA_F
ClientSampleId :

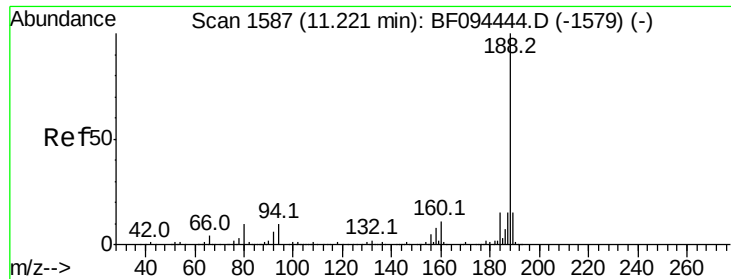
Tot Ion:138 Resp: 198628
Ion Ratio Lower Upper
138 100
92 47.9 21.8 61.8
108 63.8 42.3 82.3



#62
Azobenzene
Concen: 39.72 ng
RT: 10.28 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion: 77 Resp: 759399
Ion Ratio Lower Upper
77 100
182 26.4 0.1 40.1
105 24.5 3.6 43.6
51 26.8 9.4 49.4

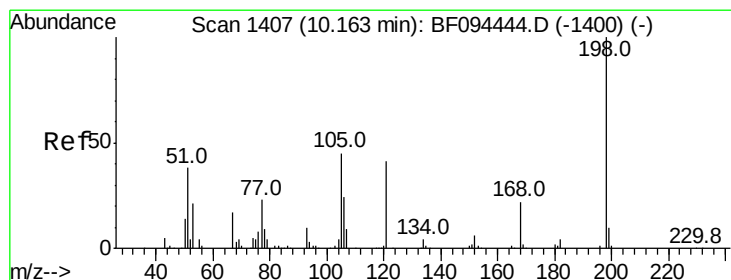
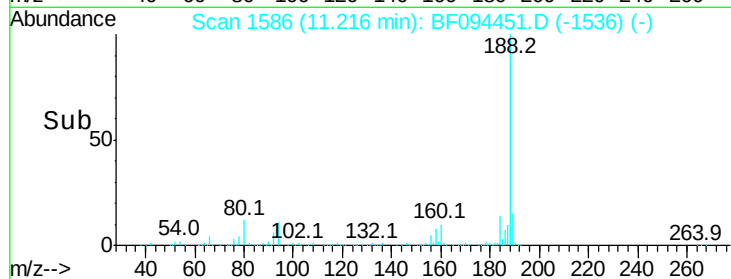
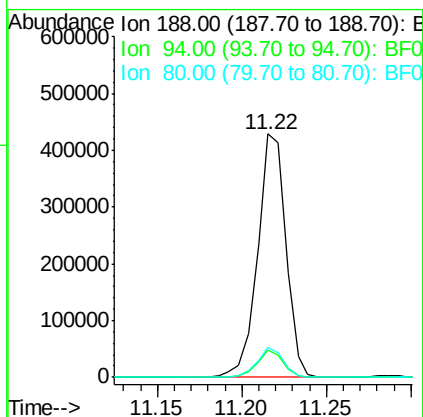
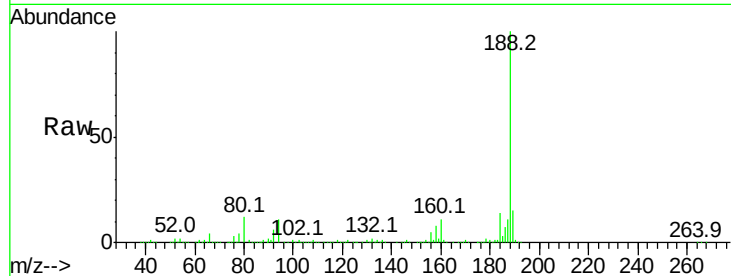




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

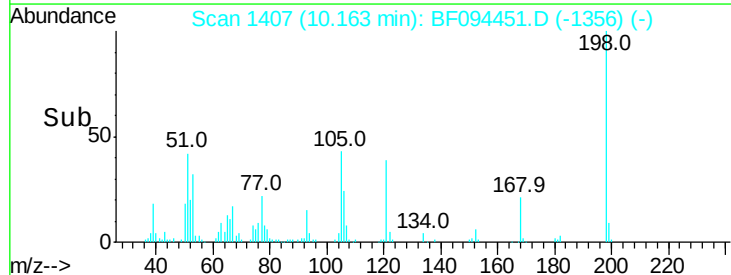
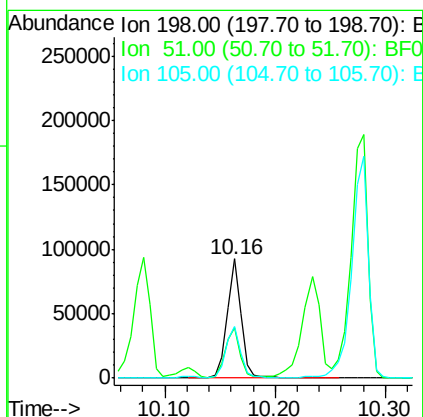
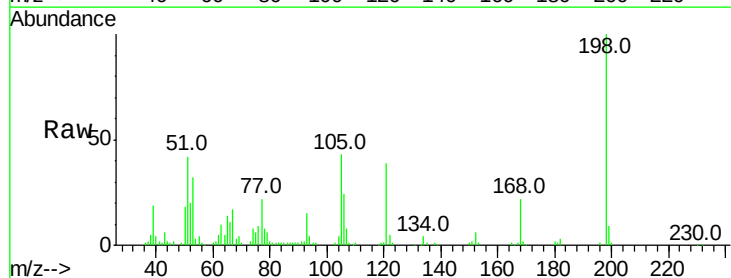
Instrument :
BNA_F
ClientSampleId :

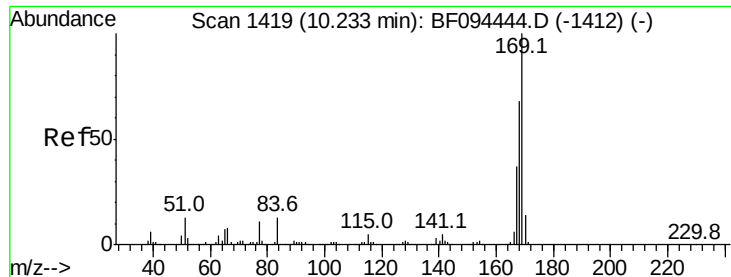
Tot Ion:188 Resp: 499967
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 25.41 ng
RT: 10.16 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion:198 Resp: 83244
Ion Ratio Lower Upper
198 100
51 42.4 53.2 93.2#
105 43.0 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 38.76 ng

RT: 10.23 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

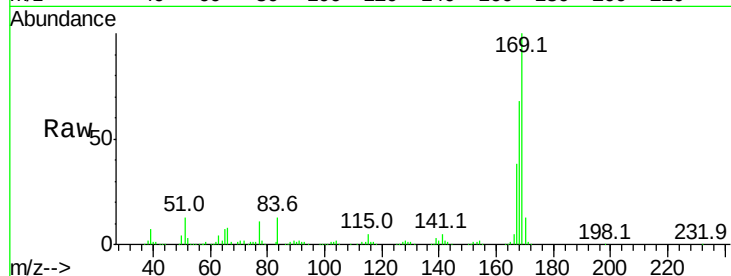
Tot Ion:169 Resp: 673925

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

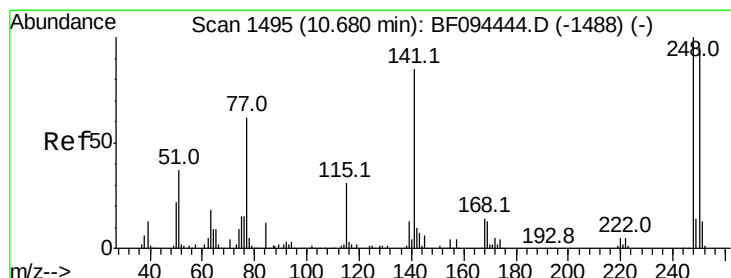
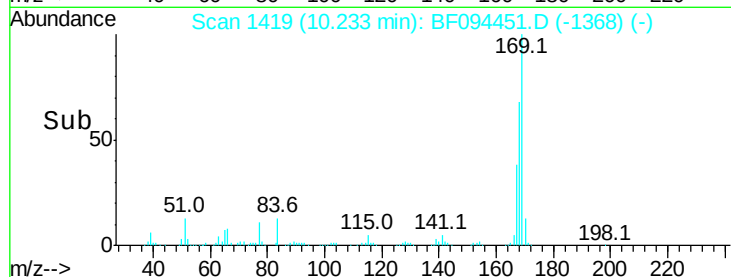
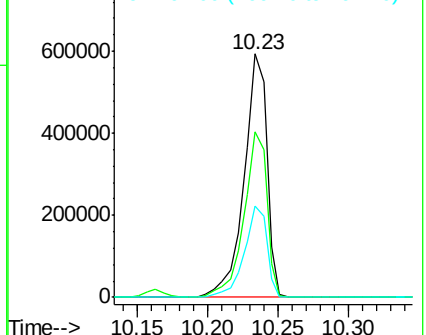
167 37.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.55 ng

RT: 10.68 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

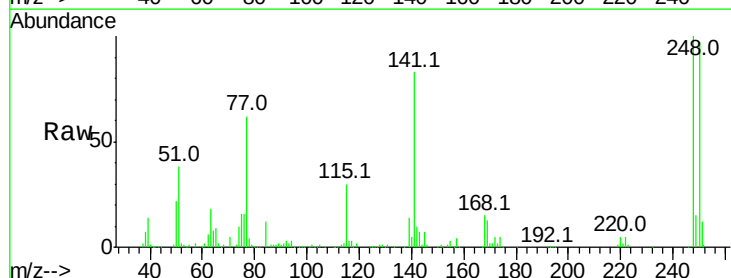
Tgt Ion:248 Resp: 196353

Ion Ratio Lower Upper

248 100

250 96.9 76.8 115.2

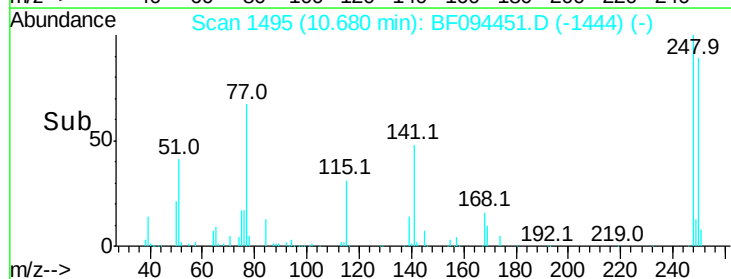
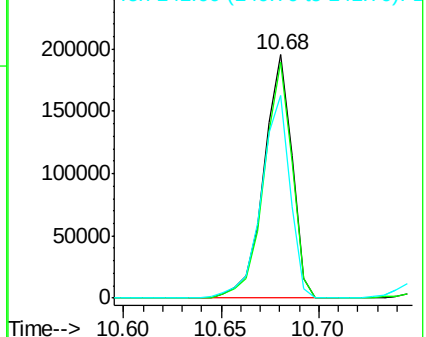
141 83.4 68.6 103.0

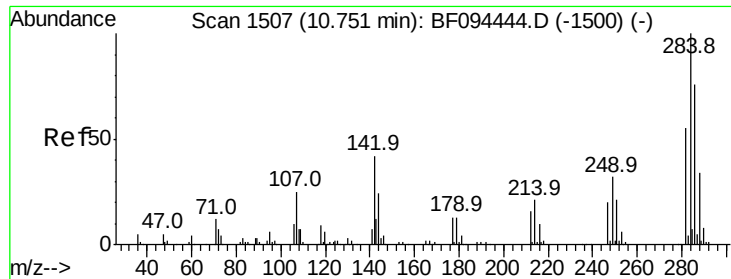


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.81 ng

RT: 10.75 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampled :

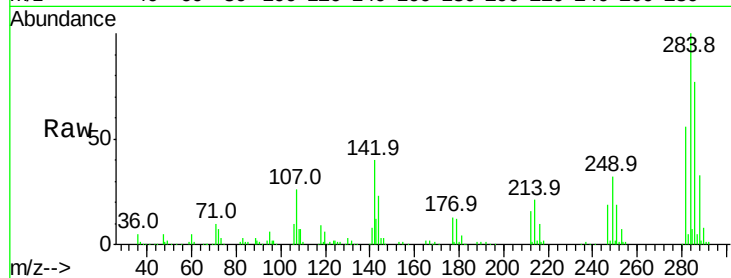
Tot Ion:284 Resp: 194163

Ion Ratio Lower Upper

284 100

142 39.8 22.8 34.2#

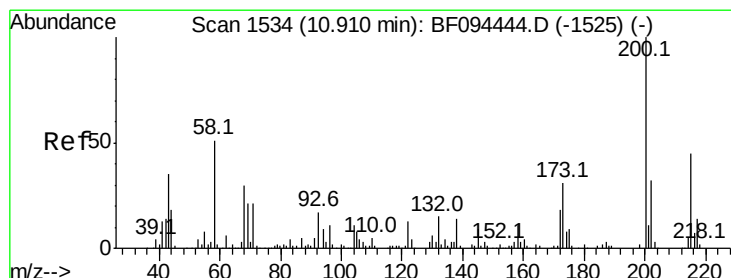
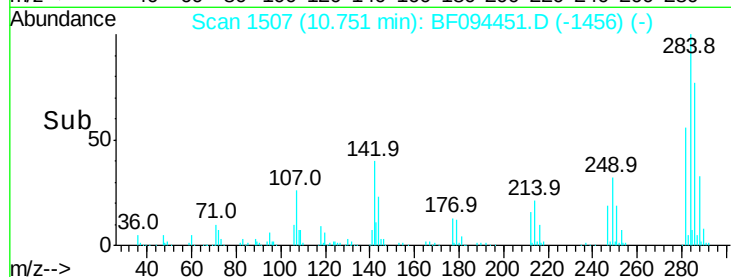
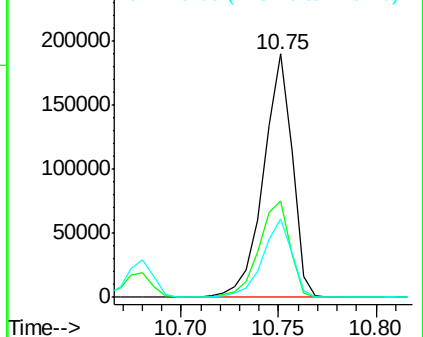
249 32.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.11 ng

RT: 10.91 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

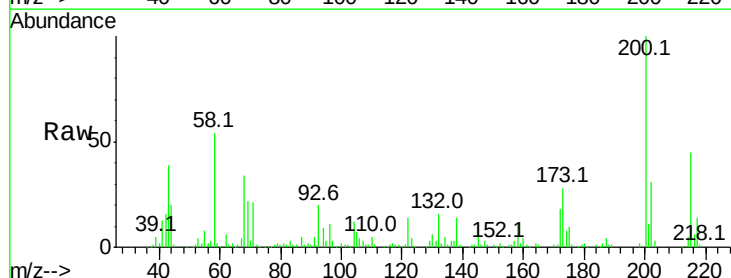
Tgt Ion:200 Resp: 198253

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

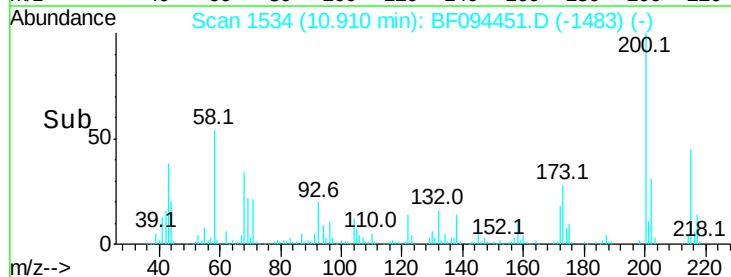
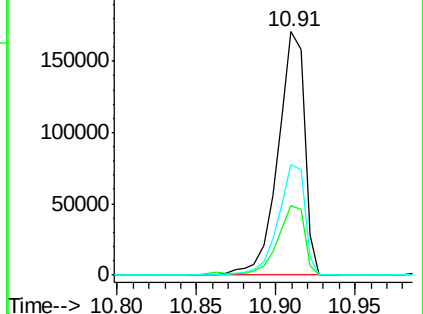
215 45.4 27.2 67.2

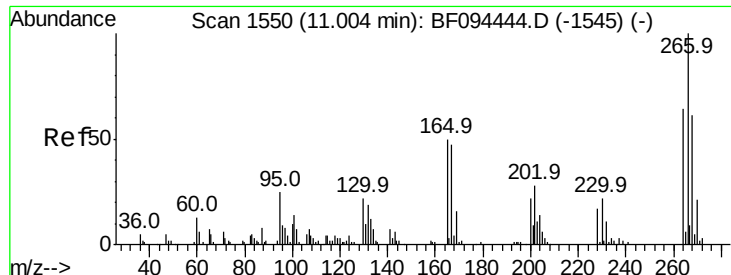


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

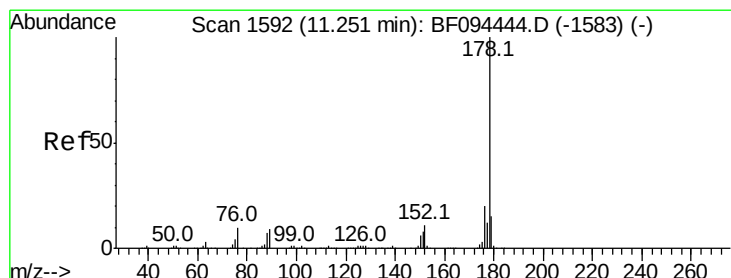
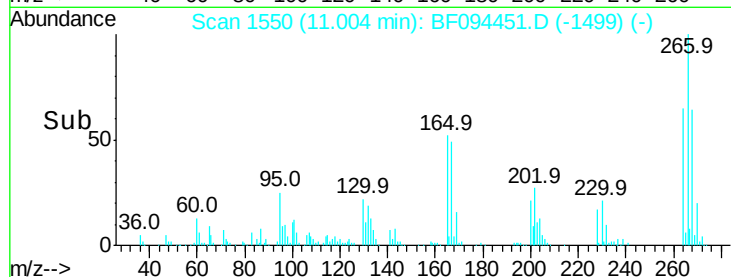
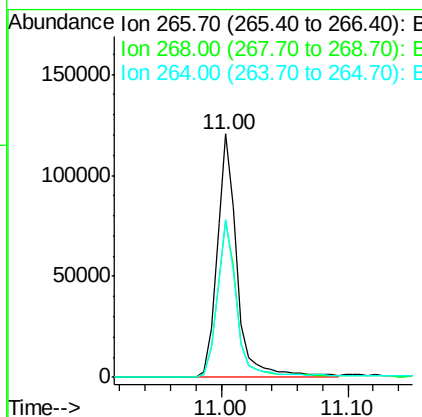
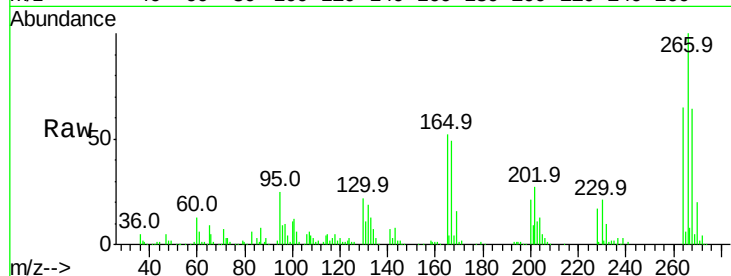




#69
 Pentachlorophenol
 Concen: 66.92 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

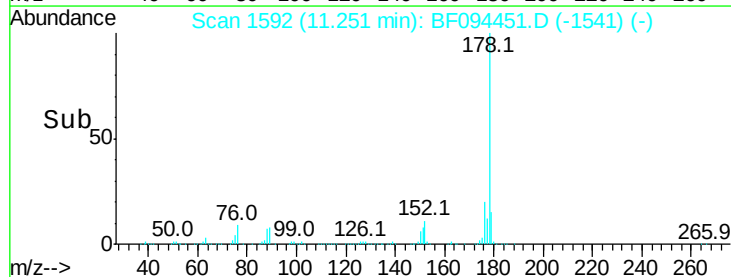
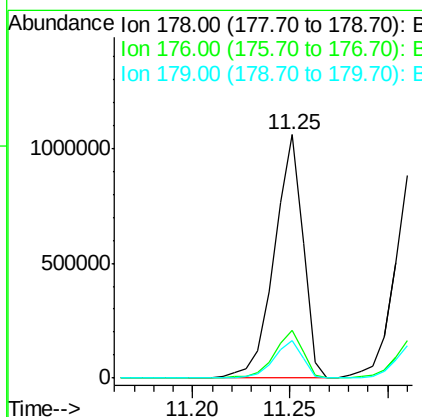
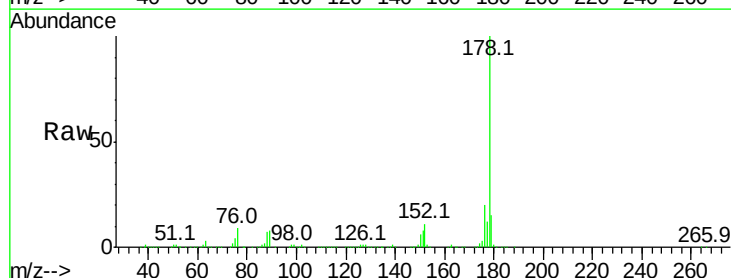
Instrument :
 BNA_F
 ClientSampleId :

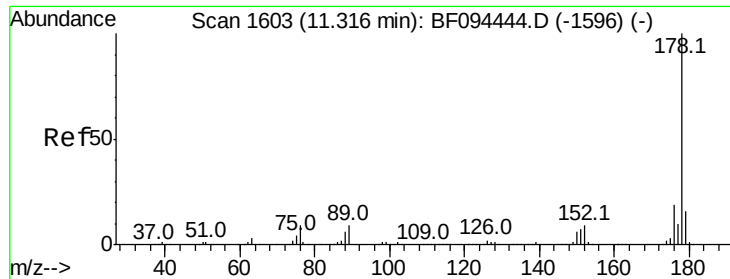
Tot Ion:266 Resp: 132936
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 64.8 51.7 77.5



#70
 Phenanthrene
 Concen: 38.32 ng
 RT: 11.25 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:178 Resp: 1078829
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.5 12.6 19.0

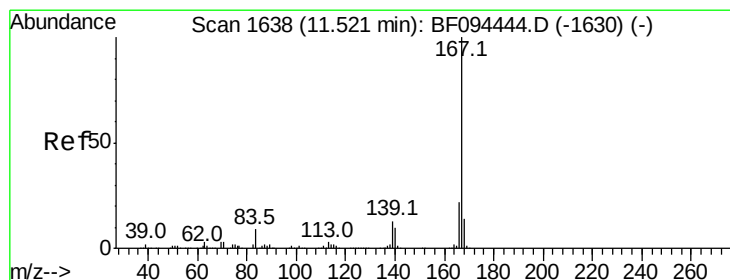
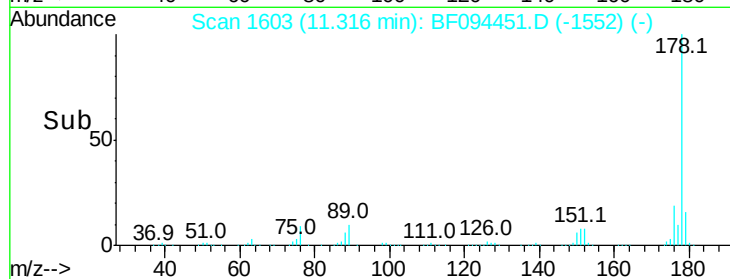
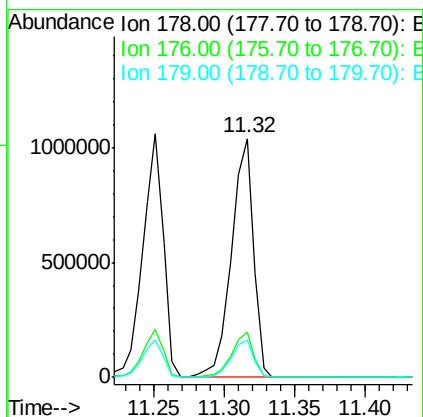
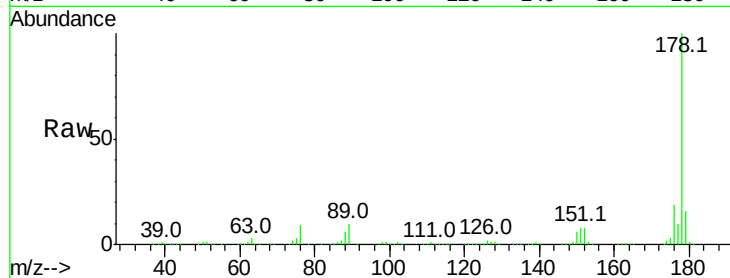




#71
 Anthracene
 Concen: 38.63 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

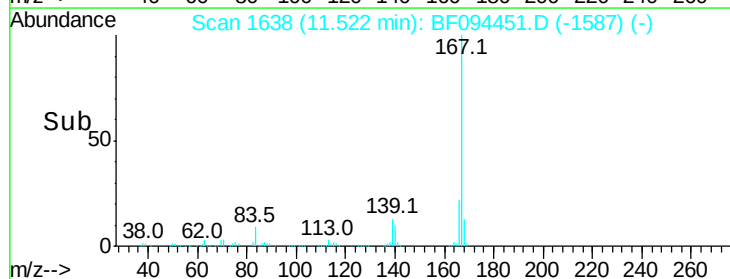
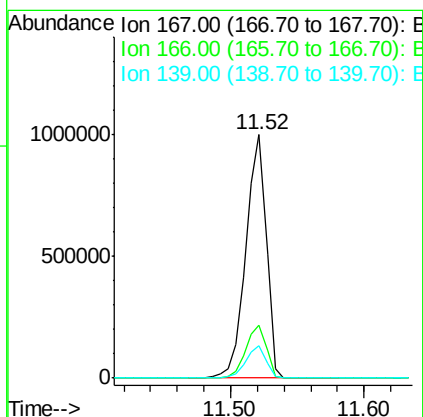
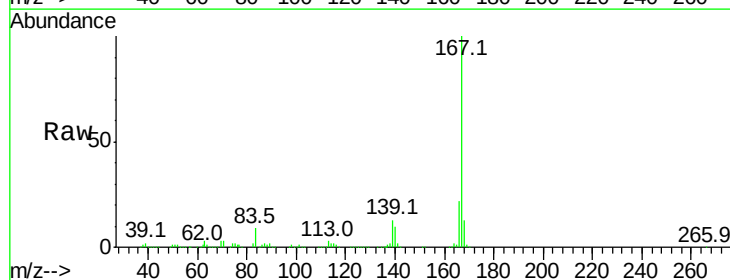
Instrument :
 BNA_F
 ClientSampleId :

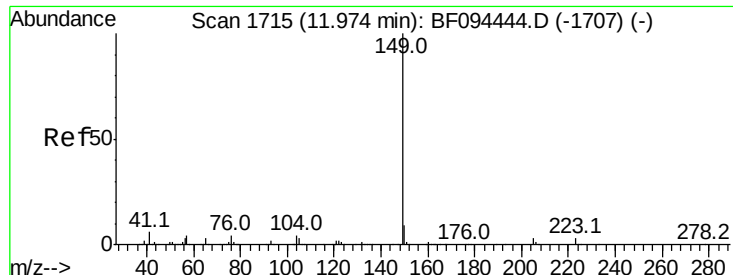
Tot Ion:178 Resp: 1125111
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.41 ng
 RT: 11.52 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:167 Resp: 1049923
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.53 ng

RT: 11.97 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

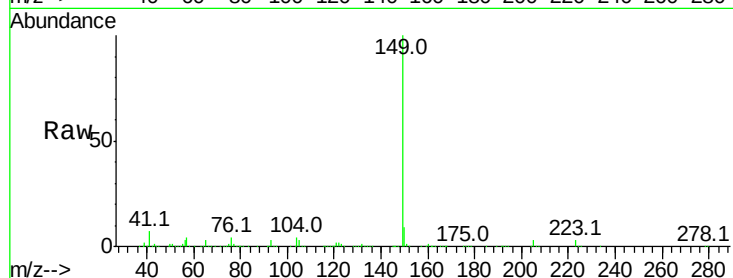
Tot Ion:149 Resp: 1219709

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

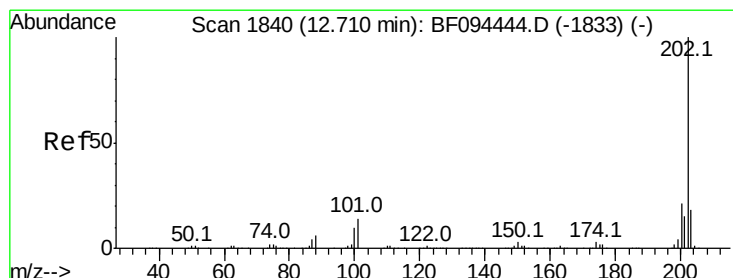
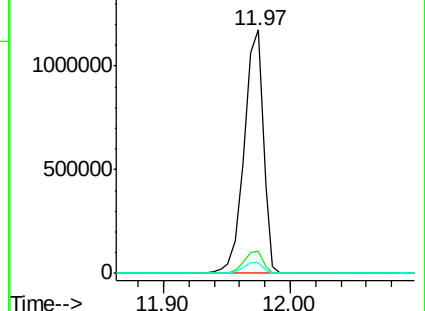
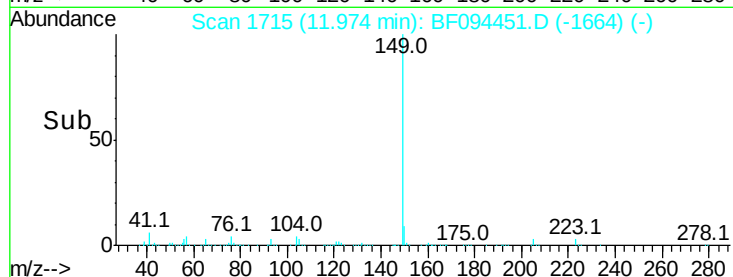
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.89 ng

RT: 12.71 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

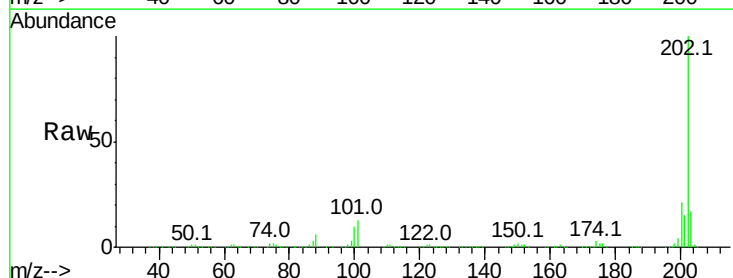
Tgt Ion:202 Resp: 1134708

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

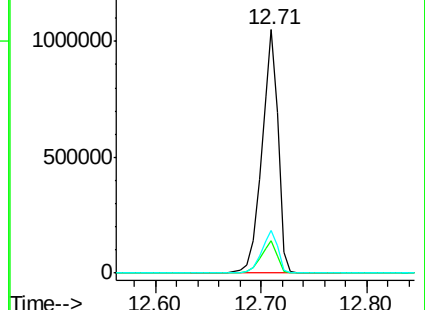
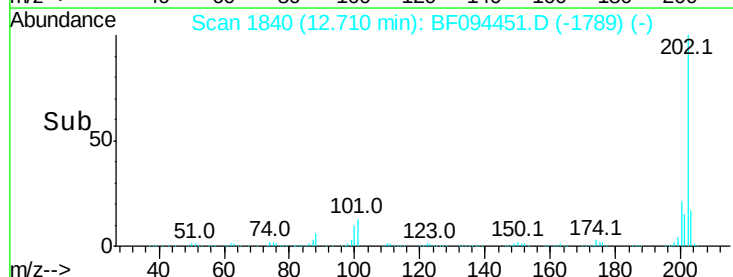
203 17.5 0.0 38.1

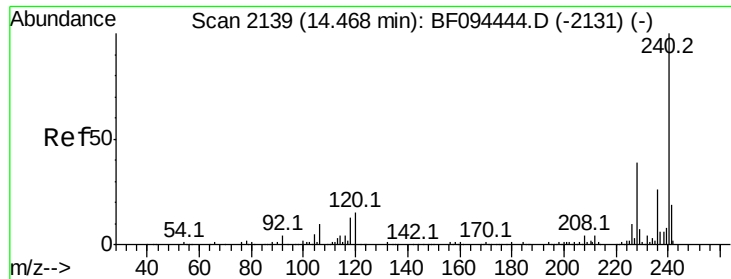


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampled :

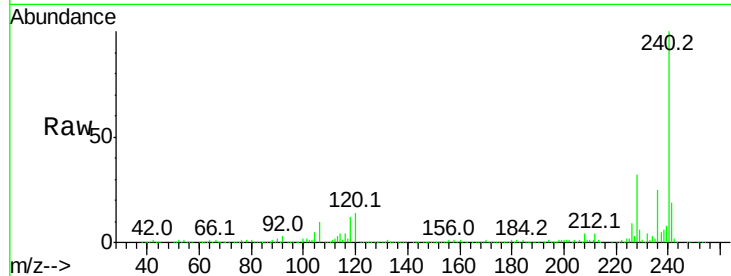
Tot Ion:240 Resp: 411462

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

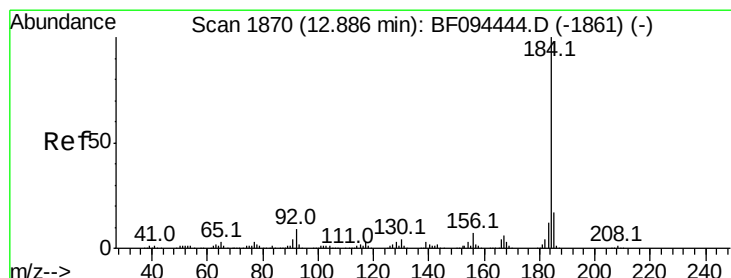
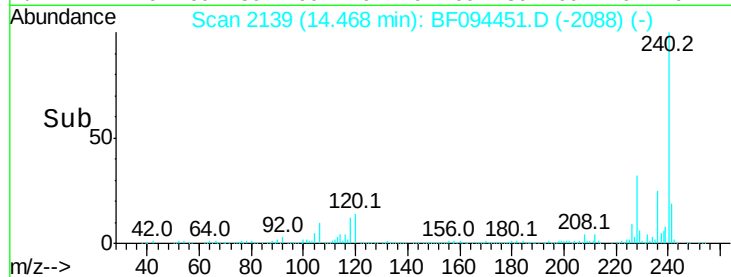
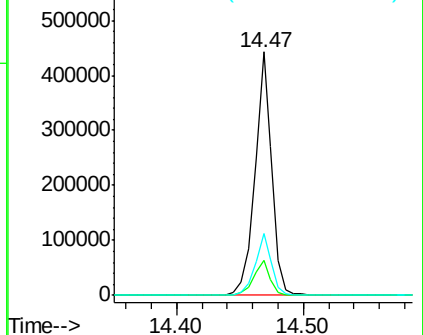
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.82 ng

RT: 12.88 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

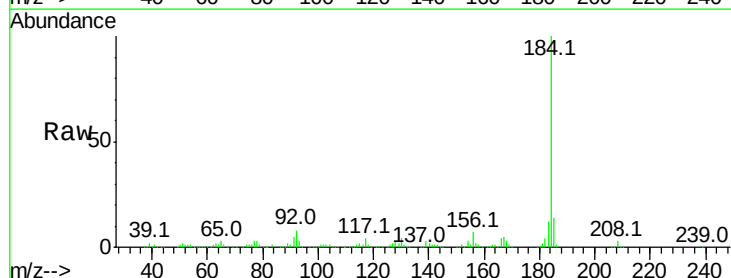
Tgt Ion:184 Resp: 413510

Ion Ratio Lower Upper

184 100

185 13.6 15.5 23.3#

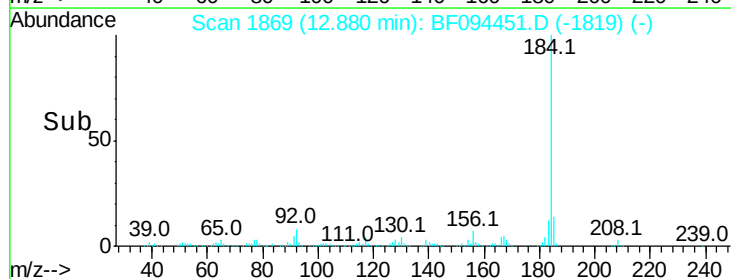
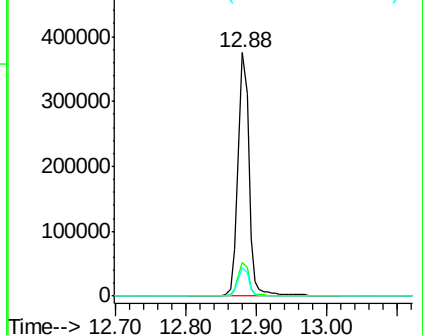
183 11.9 9.8 14.6

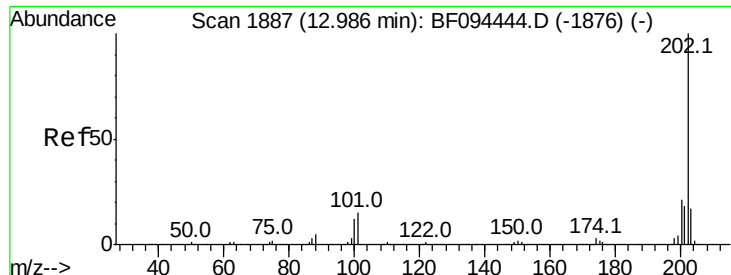


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



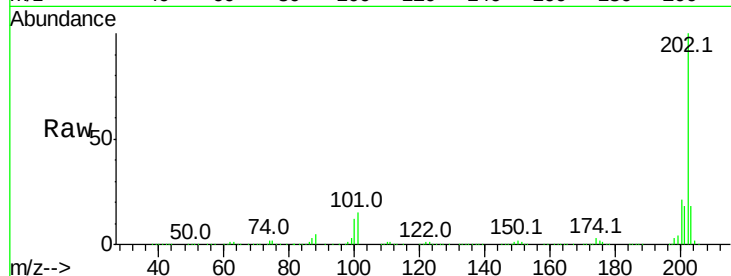


#77
 Pvrene
 Concen: 39.88 ng
 RT: 12.99 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

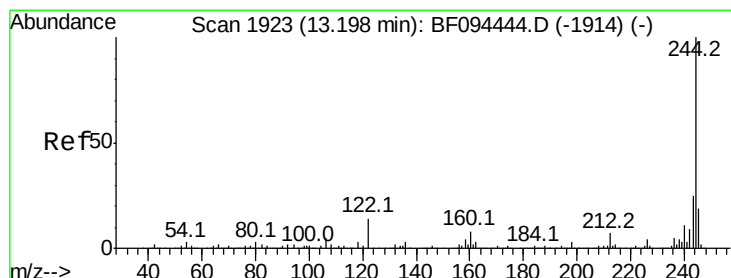
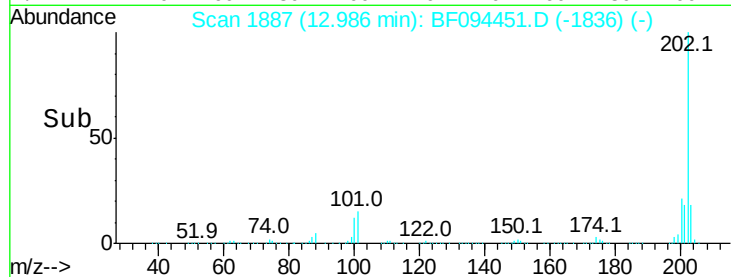
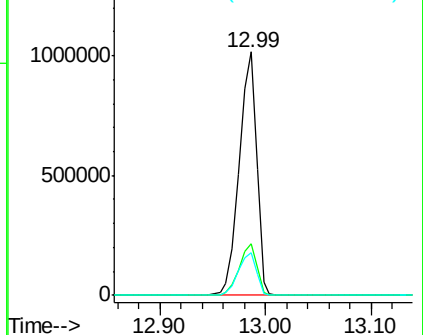
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1146434

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.6	14.4	21.6



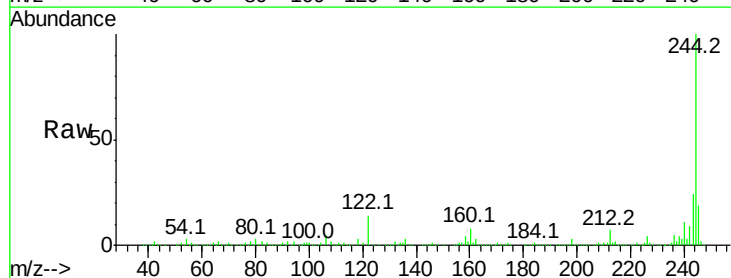
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



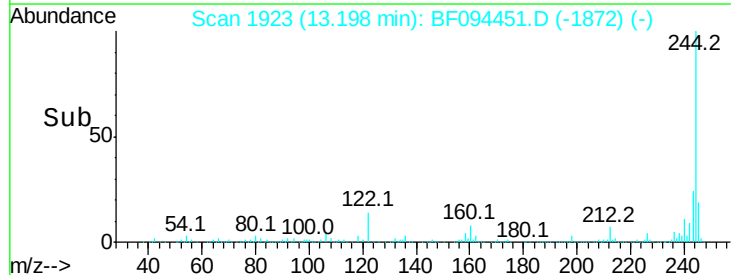
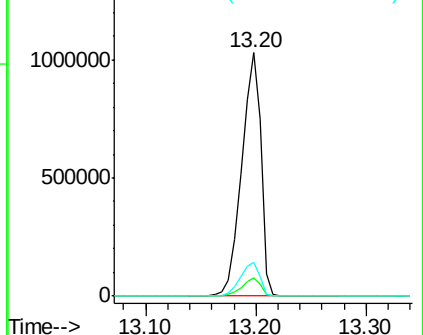
#78
 Terphenyl-d14
 Concen: 81.91 ng
 RT: 13.20 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

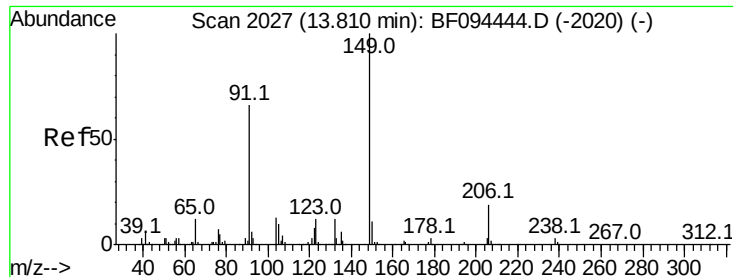
Tgt Ion:244 Resp: 1260915

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.9	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: 42.19 ng

RT: 13.81 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

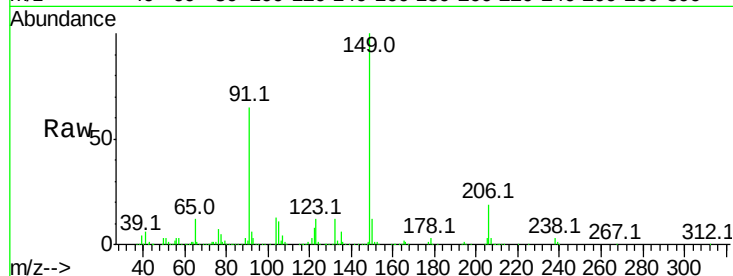
Tot Ion:149 Resp: 531493

Ion Ratio Lower Upper

149 100

91 65.0 45.0 67.4

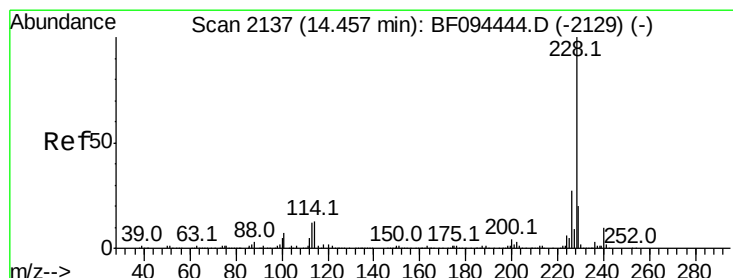
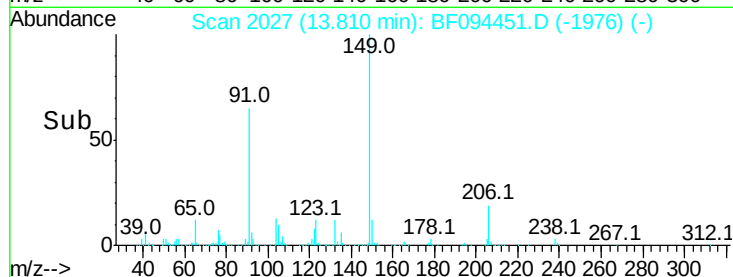
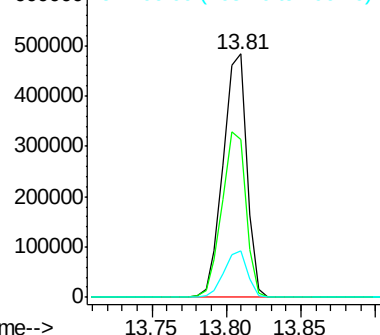
206 19.1 17.0 25.6



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: 39.21 ng

RT: 14.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

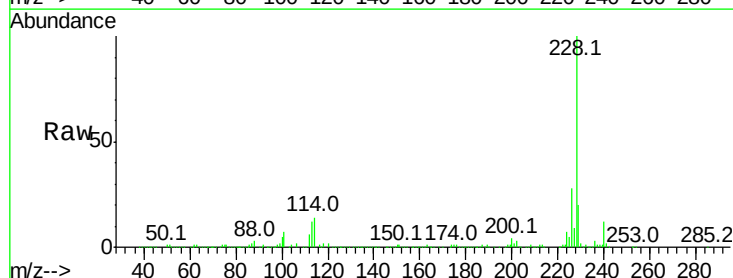
Tgt Ion:228 Resp: 937834

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

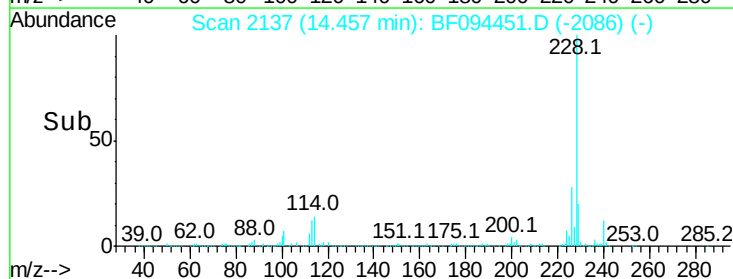
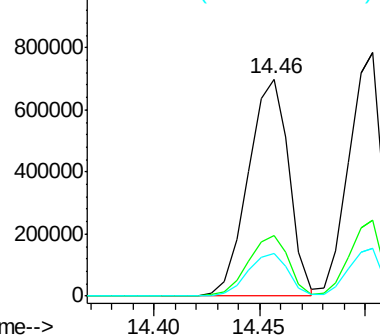
229 19.6 16.3 24.5

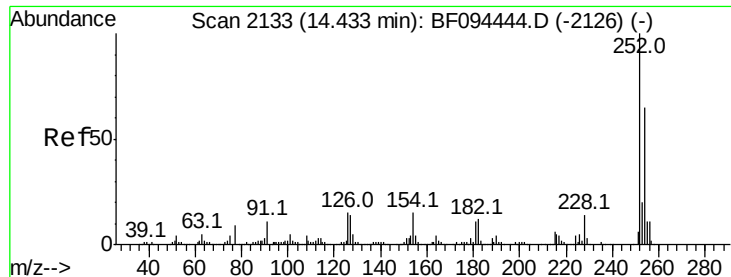


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

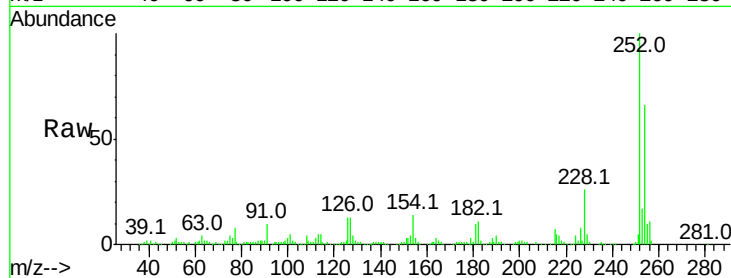




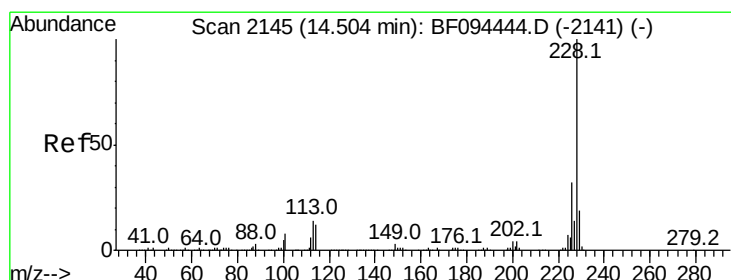
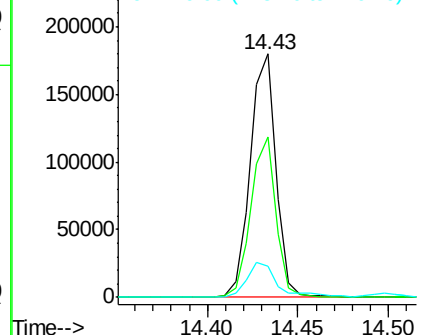
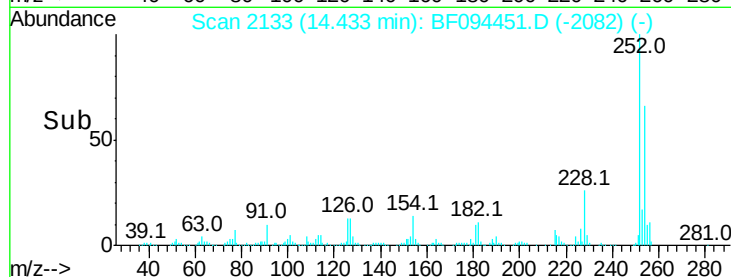
#81
 3,3'-Dichlorobenzidine
 Concen: 21.01 ng
 RT: 14.43 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.5	77.3
126	12.9	15.8	23.8

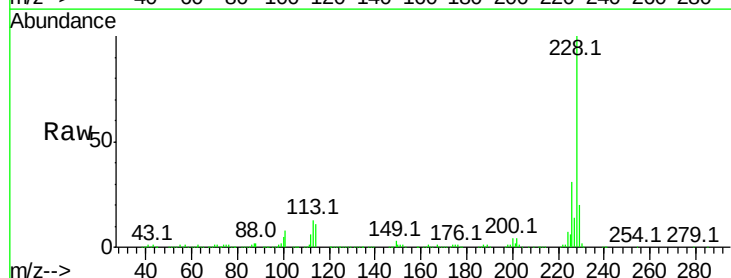


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

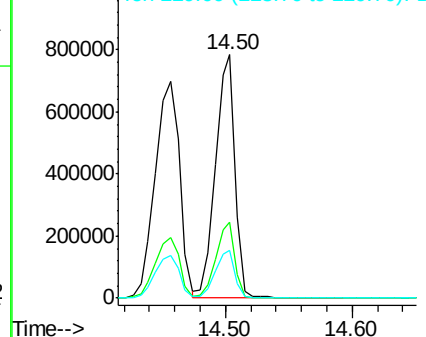
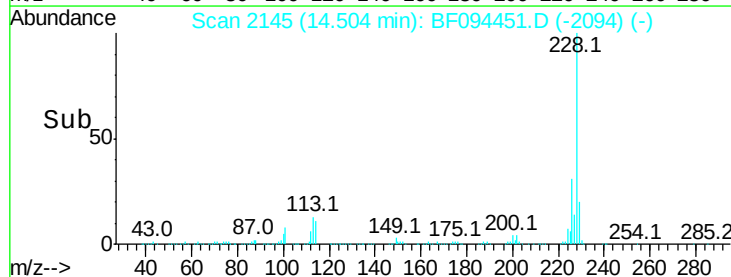


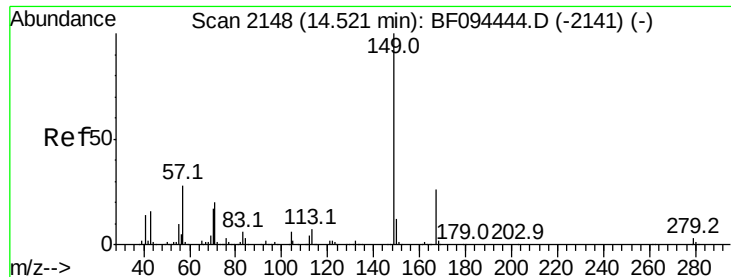
#82
 Chrysene
 Concen: 38.84 ng
 RT: 14.50 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.7	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

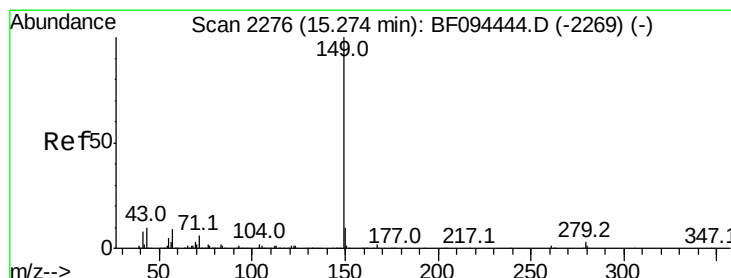
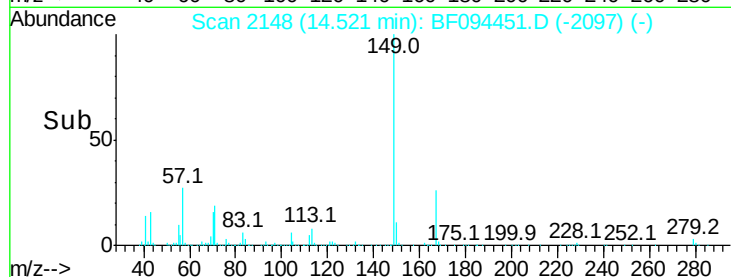
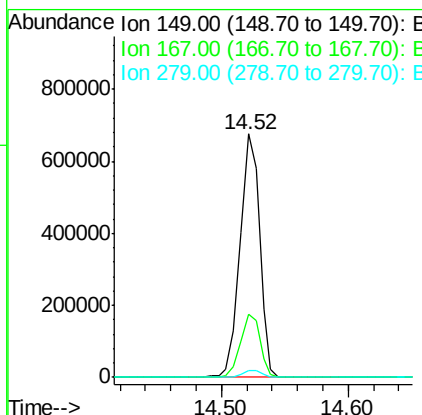
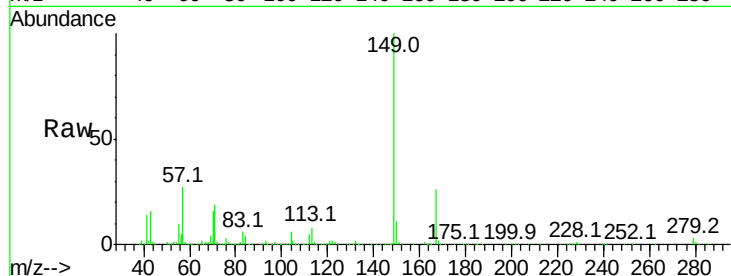




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.53 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

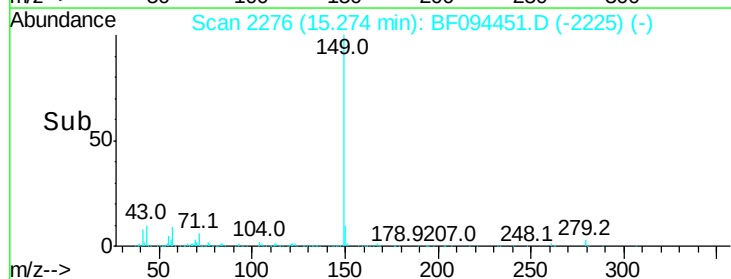
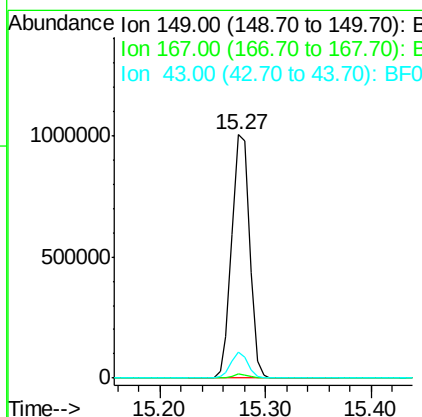
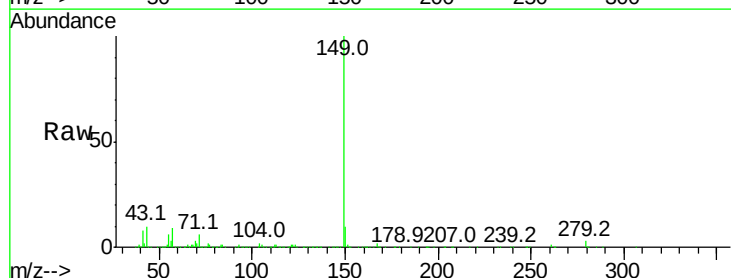
Instrument :
 BNA_F
 ClientSampleId :

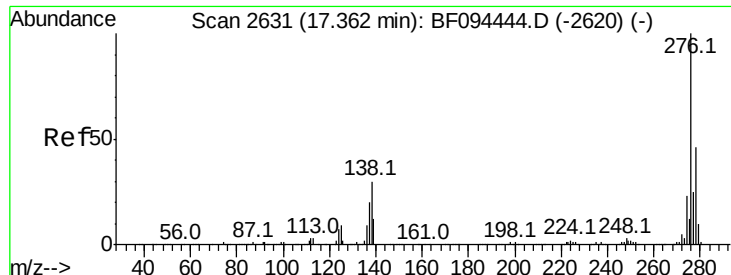
Tot Ion:149 Resp: 719412
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 41.19 ng
 RT: 15.27 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:149 Resp: 1168779
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 8.5 12.7

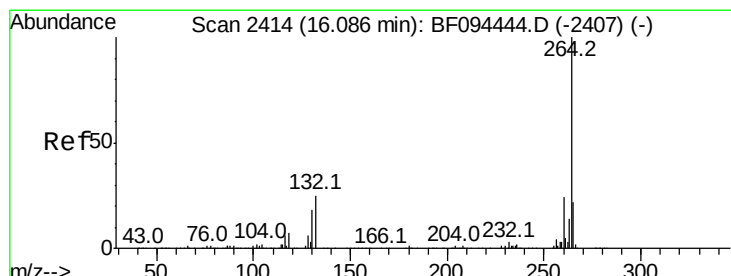
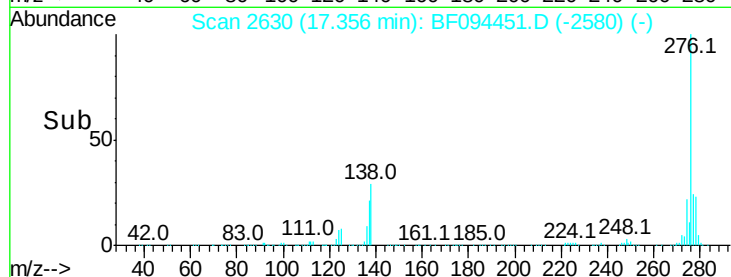
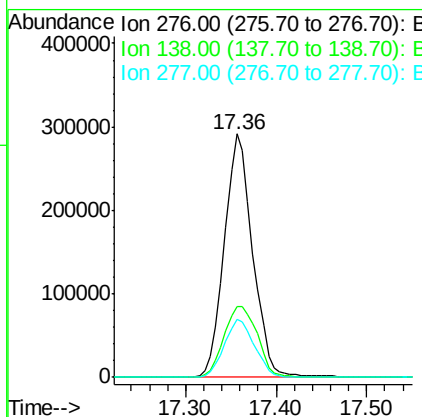
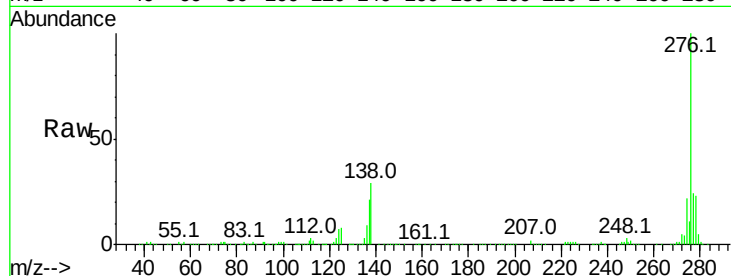




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.43 ng
 RT: 17.36 min Scan# 2630
 Delta R.T. -0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

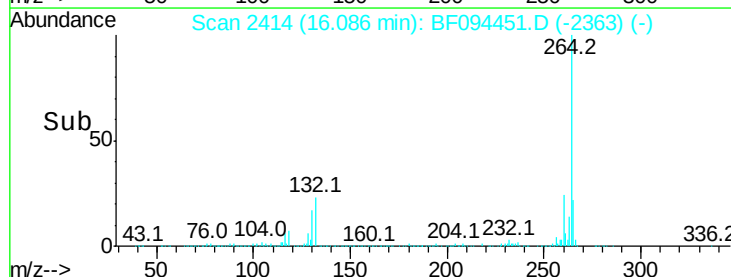
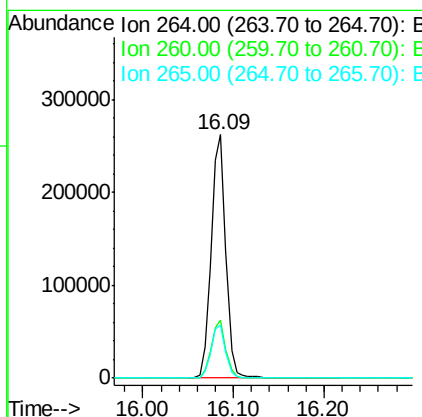
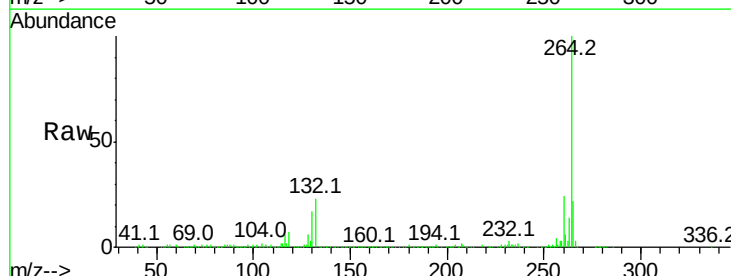
Instrument :
 BNA_F
 ClientSampleId :

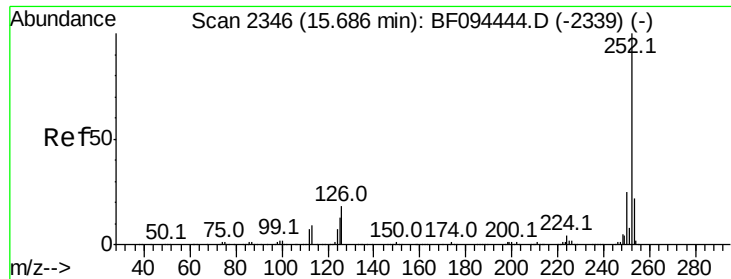
Tot Ion:276 Resp: 632829
 Ion Ratio Lower Upper
 276 100
 138 34.6 27.8 41.6
 277 25.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion:264 Resp: 296617
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.27 ng

RT: 15.69 min Scan# 2346

Delta R.T. 0.00 min

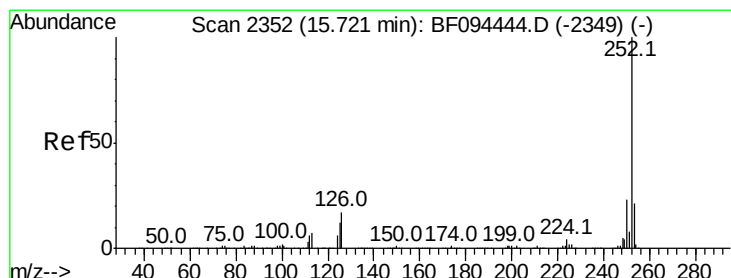
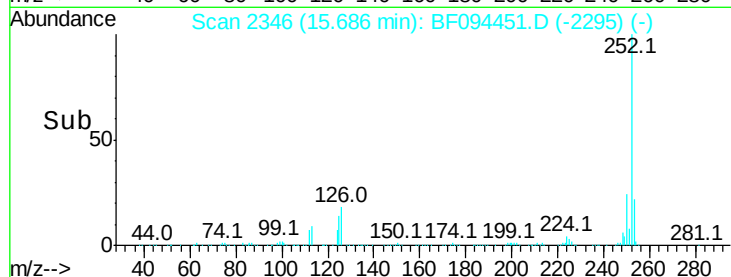
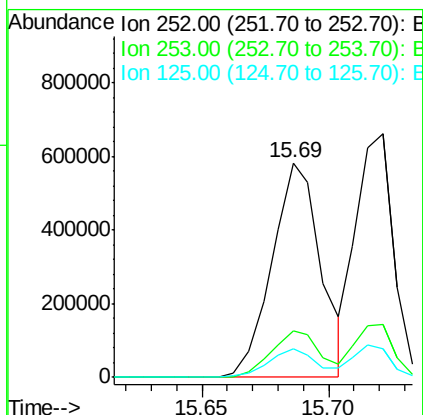
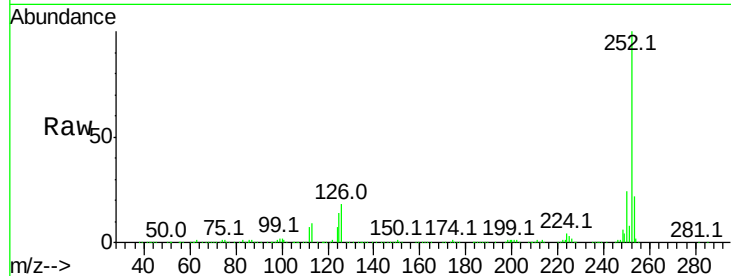
Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 785086

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.5	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 45.72 ng

RT: 15.69 min Scan# 2346

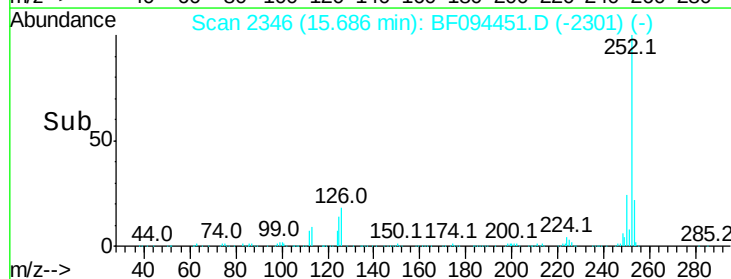
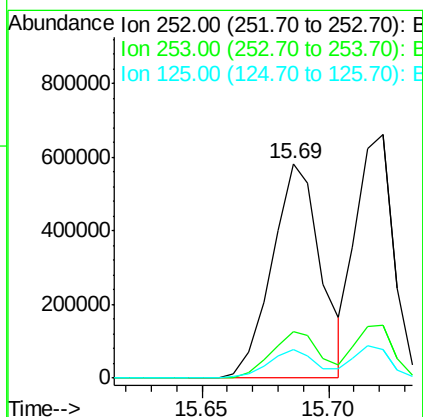
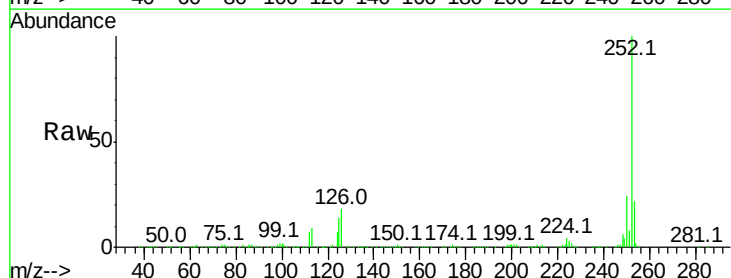
Delta R.T. -0.04 min

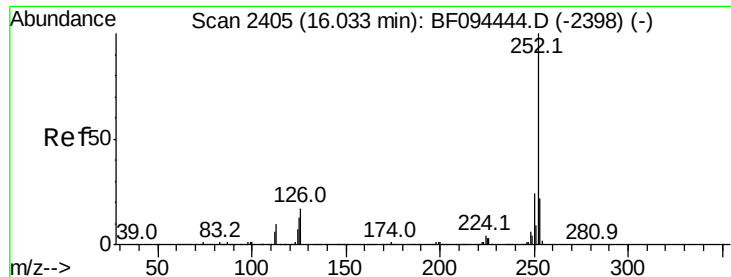
Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion:252 Resp: 785086

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 39.76 ng

RT: 16.03 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

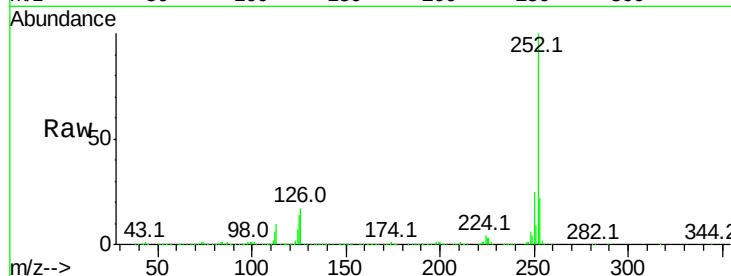
Tot Ion:252 Resp: 671189

Ion Ratio Lower Upper

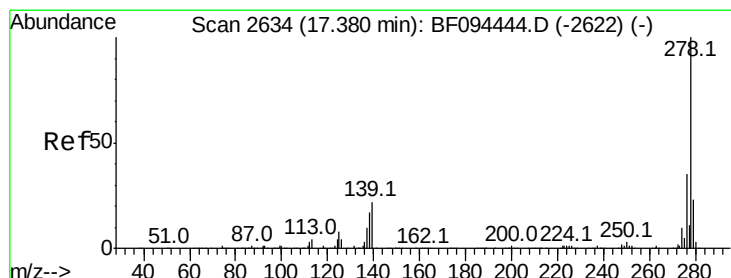
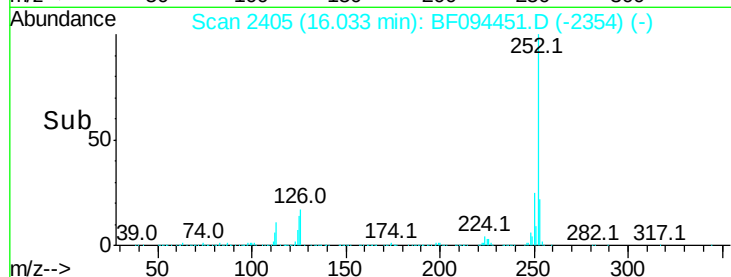
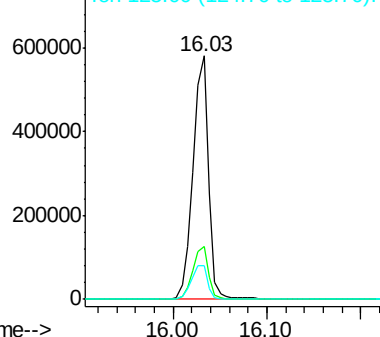
252 100

253 22.0 17.5 26.3

125 14.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.24 ng

RT: 17.37 min Scan# 2633

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

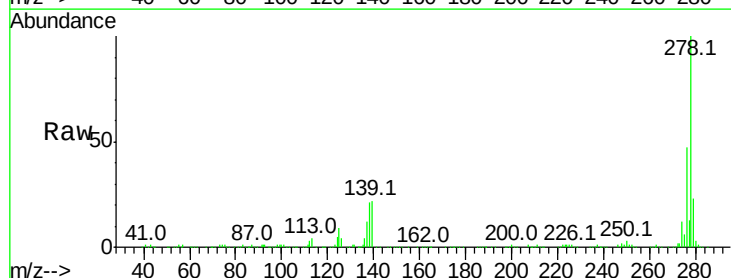
Tgt Ion:278 Resp: 521926

Ion Ratio Lower Upper

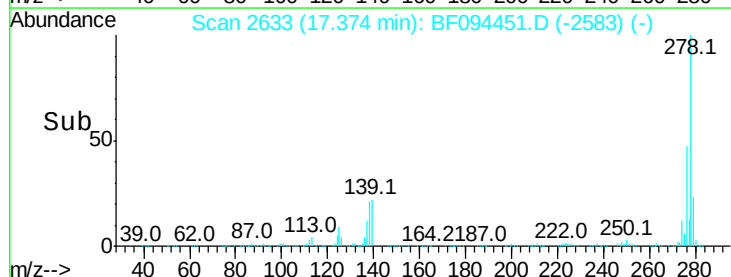
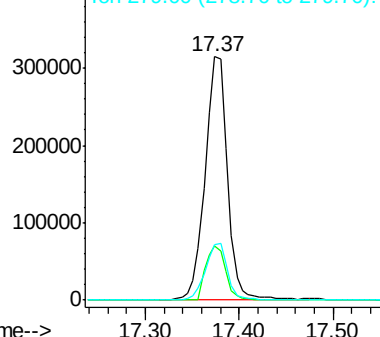
278 100

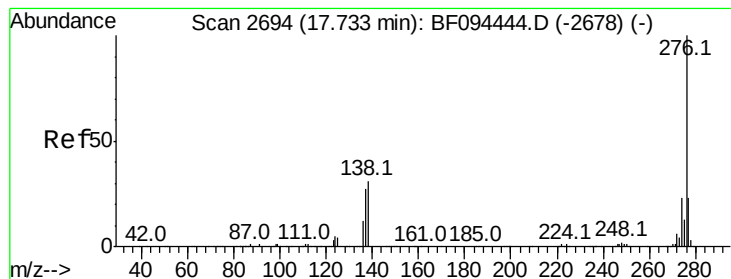
139 22.3 16.6 24.8

279 22.7 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

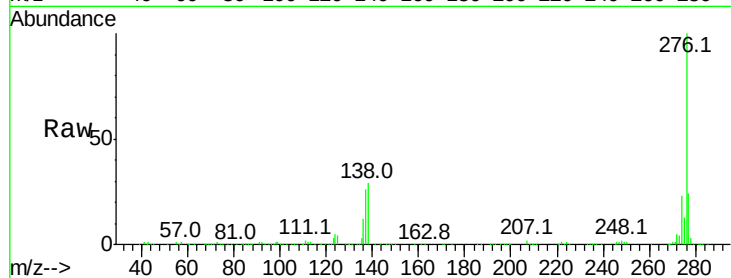




#91
 Benzo(a,h,i)perylene
 Concen: 38.19 ng
 RT: 17.73 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	29.0	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

