

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094983.D
 Acq On : 8 May 2017 16:43
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 17:09:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	98851	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	409481	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	200316	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	350728	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	297545	20.00	ng	-0.01
86) Perylene-d12	20.30	264	243682	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	485062	81.81	ng	-0.02
7) Phenol-d6	7.25	99	579557	81.47	ng	-0.02
23) Nitrobenzene-d5	8.62	82	520052	80.09	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	134999	82.29	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1049195	75.39	ng	-0.02
78) Terphenyl-d14	17.29	244	945815	70.01	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	126961	43.66	ng	92
3) Pyridine	2.74	79	312397	46.35	ng	97
4) n-Nitrosodimethylamine	2.68	42	117798	41.93	ng	81
6) Aniline	7.21	93	372210	41.44	ng	97
8) 2-Chlorophenol	7.40	128	274290	40.64	ng	94
9) Benzaldehyde	7.02	77	164595	37.89	ng	98
10) Phenol	7.27	94	298758	39.85	ng	89
11) bis(2-Chloroethyl)ether	7.35	93	249286	40.28	ng	95
12) 1,3-Dichlorobenzene	7.62	146	309709	40.46	ng	98
13) 1,4-Dichlorobenzene	7.74	146	314579	40.52	ng	96
14) 1,2-Dichlorobenzene	7.98	146	297735	41.09	ng	96
15) Benzyl Alcohol	8.00	79	193934	42.38	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	338133	38.60	ng	# 46
17) 2-Methylphenol	8.21	107	227726	41.23	ng	# 90
18) Hexachloroethane	8.50	117	105625	40.16	ng	# 85
19) n-Nitroso-di-n-propylamine	8.42	70	194734	40.47	ng	93
20) 3+4-Methylphenols	8.47	107	305699	40.73	ng	# 60
22) Acetophenone	8.39	105	391017	39.80	ng	# 84
24) Nitrobenzene	8.65	77	272480	40.03	ng	93
25) Isophorone	9.05	82	464310	40.04	ng	96
26) 2-Nitrophenol	9.15	139	155281	42.28	ng	98
27) 2,4-Dimethylphenol	9.29	122	238447	40.16	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	318987	39.77	ng	99
29) 2,4-Dichlorophenol	9.57	162	225823	40.28	ng	97
30) 1,2,4-Trichlorobenzene	9.67	180	237414	39.52	ng	99
31) Naphthalene	9.77	128	822460	39.96	ng	100
32) Benzoic acid	9.61	122	139414	37.05	ng	96
33) 4-Chloroaniline	9.90	127	334895	43.67	ng	# 93
34) Hexachlorobutadiene	9.99	225	123690	39.02	ng	97
35) Caprolactam	10.53	113	55770	33.13	ng	92
36) 4-Chloro-3-methylphenol	10.76	107	250783	41.83	ng	89
37) 2-Methylnaphthalene	10.90	142	557106	41.25	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	232426	37.73	ng	99
40) Hexachlorocyclopentadiene	11.15	237	74679	32.71	ng	98

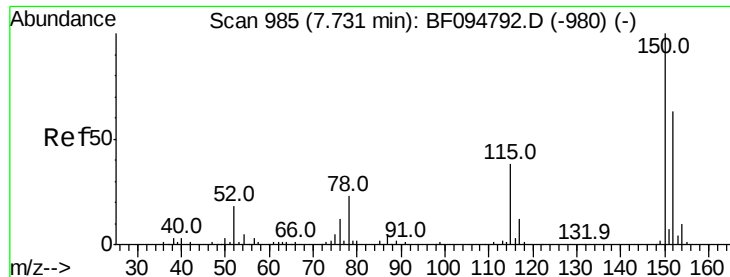
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094983.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	154775	37.63	nq	100
43) 2,4,5-Trichlorophenol	11.47	196	168602	38.14	nq	94
45) 1,1'-Biphenyl	11.67	154	669614	39.70	nq	99
46) 2-Chloronaphthalene	11.68	162	534979	39.28	nq	94
47) 2-Nitroaniline	11.89	65	153160	41.09	nq	# 77
48) Acenaphthylene	12.34	152	843661	39.55	nq	99
49) Dimethylphthalate	12.21	163	642930	39.10	nq	99
50) 2,6-Dinitrotoluene	12.30	165	137057	40.85	nq	96
51) Acenaphthene	12.62	154	503681	39.53	nq	99
52) 3-Nitroaniline	12.57	138	153227	42.55	nq	90
53) 2,4-Dinitrophenol	12.77	184	65825	39.09	nq	# 68
54) Dibenzofuran	12.91	168	717348	40.69	nq	97
55) 4-Nitrophenol	12.96	139	90771	41.97	nq	# 65
56) 2,4-Dinitrotoluene	12.97	165	175654	40.75	nq	# 90
57) Fluorene	13.46	166	593473	38.71	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	117337	42.17	nq	# 94
59) Diethylphthalate	13.36	149	602008	38.19	nq	98
60) 4-Chlorophenyl-phenylether	13.48	204	263326	39.08	nq	92
61) 4-Nitroaniline	13.57	138	131478	39.77	nq	97
62) Azobenzene	13.74	77	509468	40.22	nq	96
64) 4,6-Dinitro-2-methylphenol	13.63	198	98853	42.04	nq	# 65
65) n-Nitrosodiphenylamine	13.70	169	499358	39.23	nq	99
66) 4-Bromophenyl-phenylether	14.27	248	147572	39.83	nq	98
67) Hexachlorobenzene	14.35	284	152254	40.09	nq	# 88
68) Atrazine	14.61	200	144230	40.13	nq	96
69) Pentachlorophenol	14.71	266	62631	39.67	nq	97
70) Phenanthrene	15.01	178	796587	39.53	nq	99
71) Anthracene	15.09	178	842867	40.95	nq	99
72) Carbazole	15.37	167	776834	41.48	nq	98
73) Di-n-butylphthalate	15.94	149	961856	41.18	nq	99
74) Fluoranthene	16.75	202	835658	40.43	nq	99
76) Benzidine	16.97	184	310865	39.92	nq	95
77) Pyrene	17.05	202	878888	39.50	nq	99
79) Butylbenzylphthalate	17.95	149	397806	38.43	nq	88
80) Benzo(a)anthracene	18.62	228	661904	38.22	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	226165	37.81	nq	# 97
82) Chrysene	18.68	228	676497	40.40	nq	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	545961	37.02	nq	# 99
84) Di-n-octyl phthalate	19.47	149	890633	36.84	nq	95
85) Indeno(1,2,3-cd)pyrene	21.59	276	483604	35.56	nq	99
87) Benzo(b)fluoranthene	19.89	252	617828	41.03	nq	98
88) Benzo(k)fluoranthene	19.89	252	617828	42.54	nq	96
89) Benzo(a)pyrene	20.25	252	564095	40.60	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	425341	37.07	nq	98
91) Benzo(g,h,i)perylene	21.97	276	405331	36.00	nq	97

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

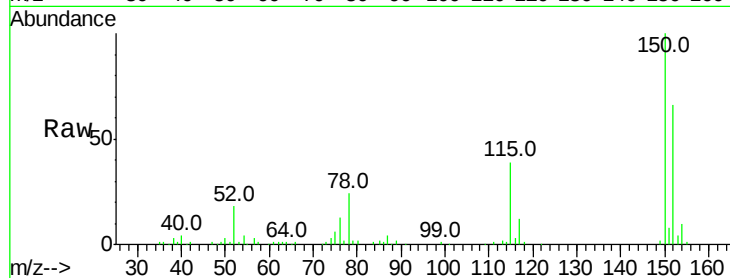


#1

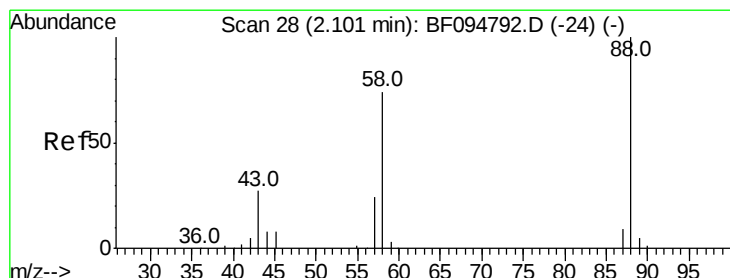
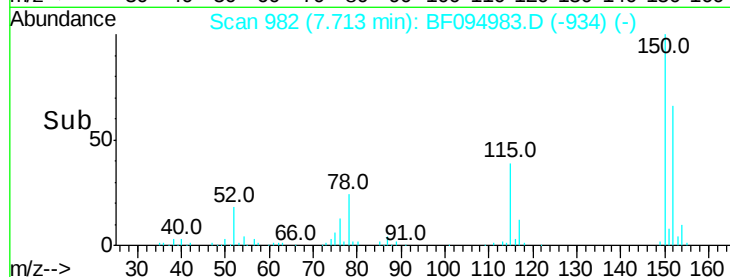
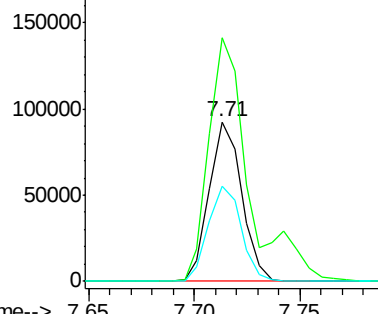
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98851
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 60.0 52.2 78.2



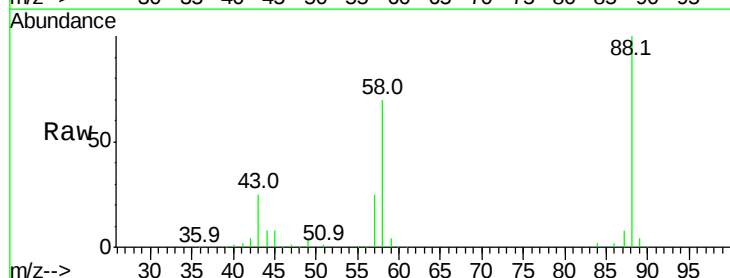
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



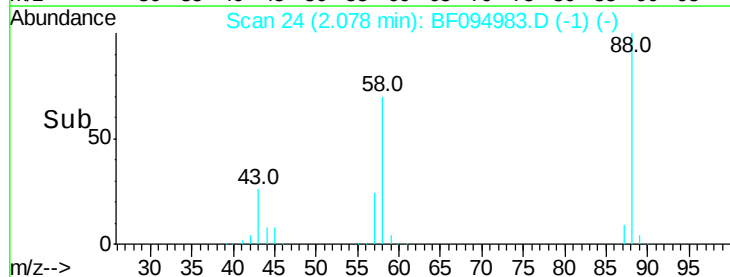
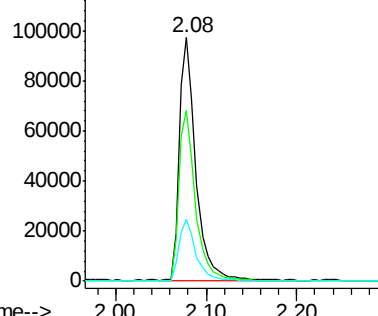
#2

1,4-Dioxane
Concen: 43.66 ng
RT: 2.08 min Scan# 24
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 88 Resp: 126961
Ion Ratio Lower Upper
88 100
58 69.6 61.4 92.0
43 25.5 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 46.35 ng

RT: 2.74 min Scan# 136

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampled :

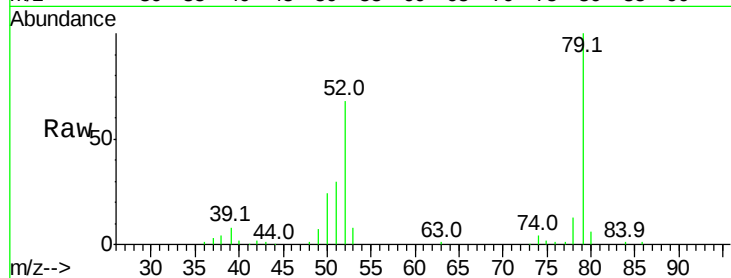
Tot Ion: 79 Resp: 312397

Ion Ratio Lower Upper

79 100

52 67.7 54.8 82.2

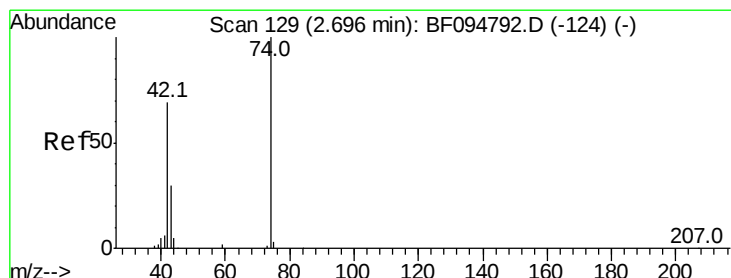
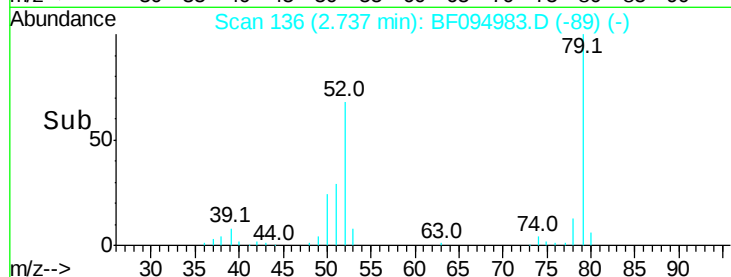
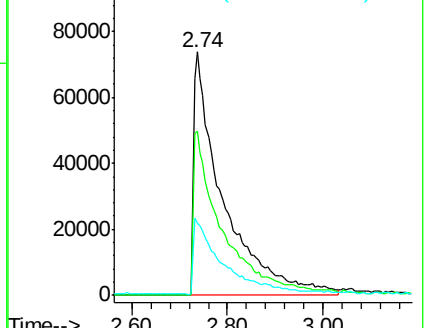
51 29.8 27.0 40.4



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: 41.93 ng

RT: 2.68 min Scan# 126

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

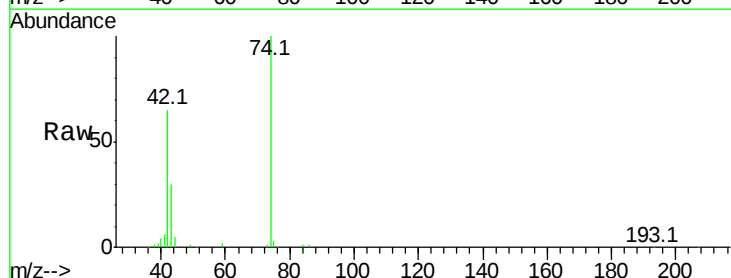
Tgt Ion: 42 Resp: 117798

Ion Ratio Lower Upper

42 100

74 153.2 103.9 155.9

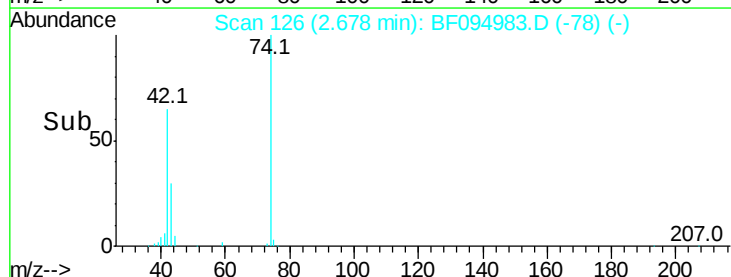
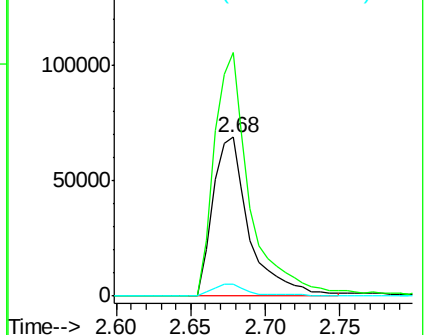
44 7.2 5.7 8.5

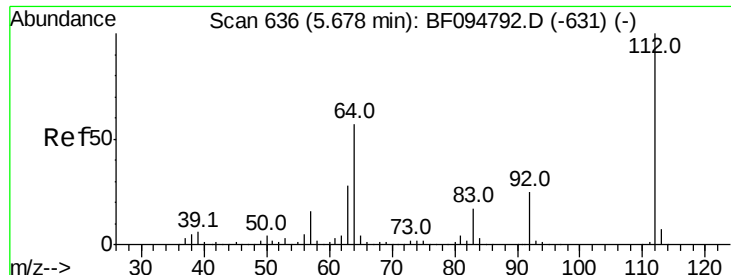


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.81 ng

RT: 5.65 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

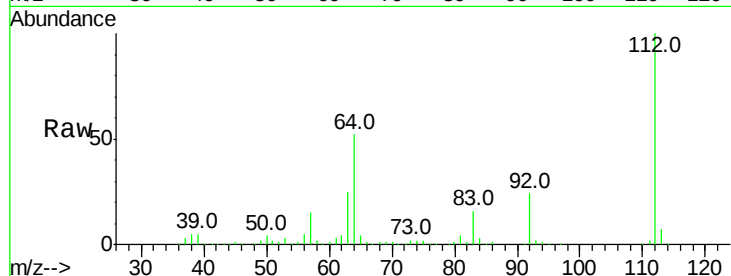
Tot Ion:112 Resp: 485062

Ion Ratio Lower Upper

112 100

64 52.2 46.0 69.0

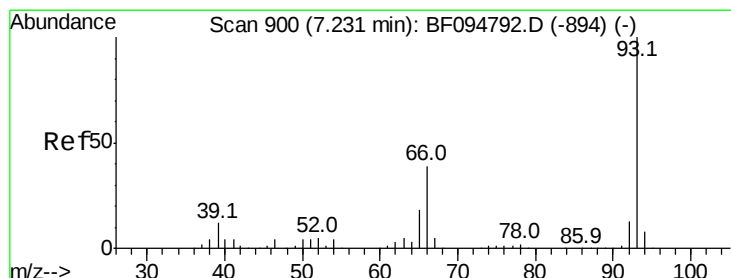
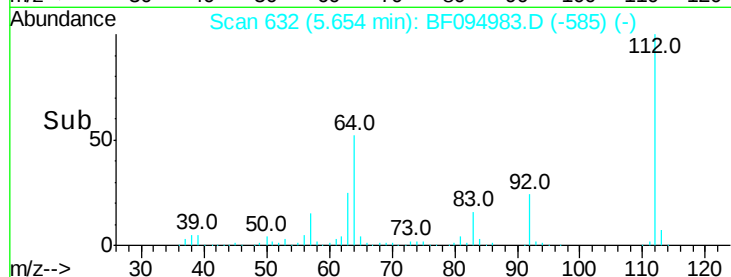
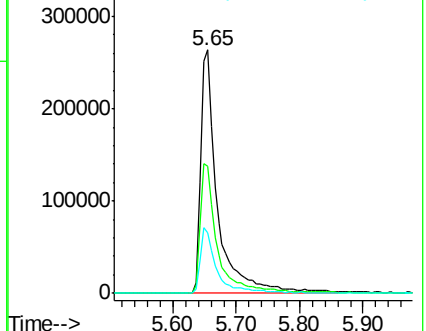
63 24.8 23.4 35.0



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: 41.44 ng

RT: 7.21 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

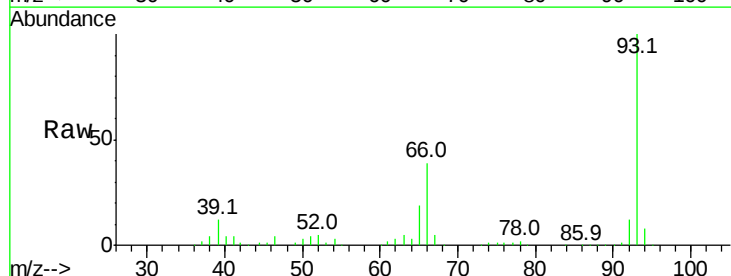
Tgt Ion: 93 Resp: 372210

Ion Ratio Lower Upper

93 100

66 39.0 32.9 49.3

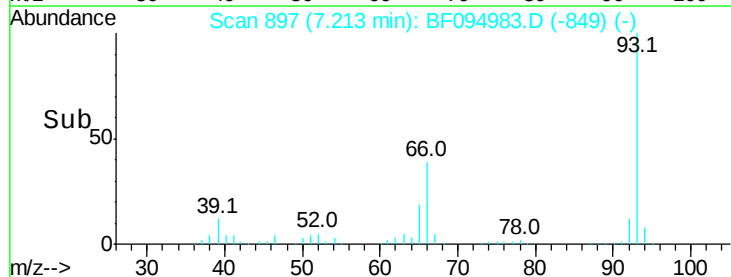
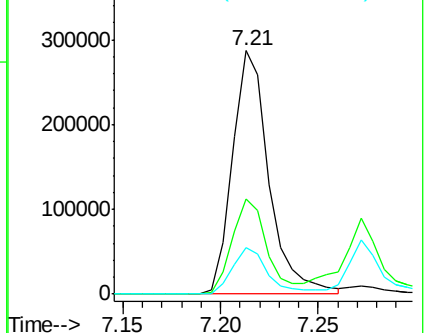
65 18.9 16.0 24.0



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: 81.47 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

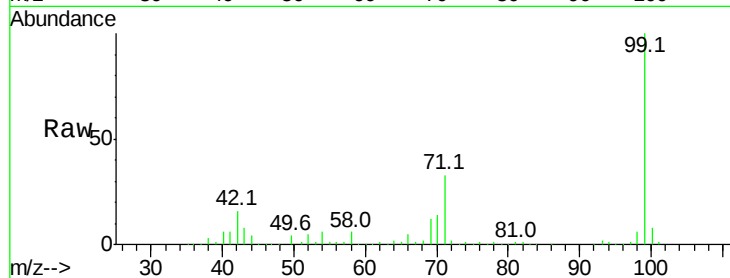
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 579557

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	33.1	24.5	36.7

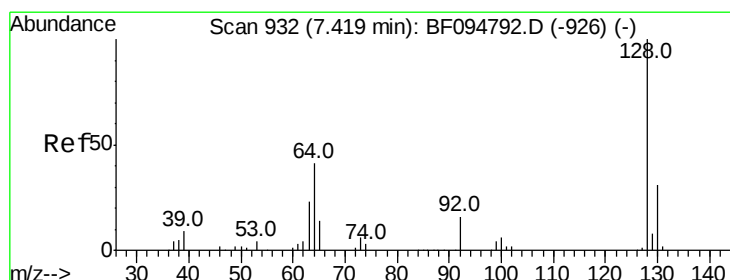
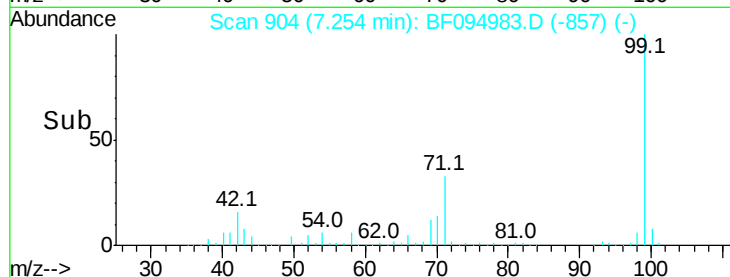
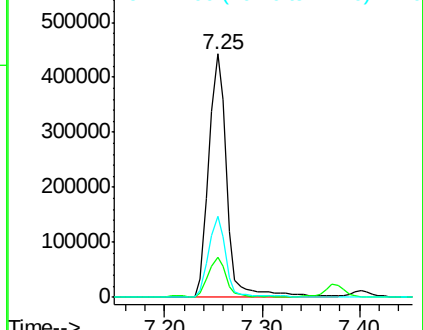


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.64 ng

RT: 7.40 min Scan# 929

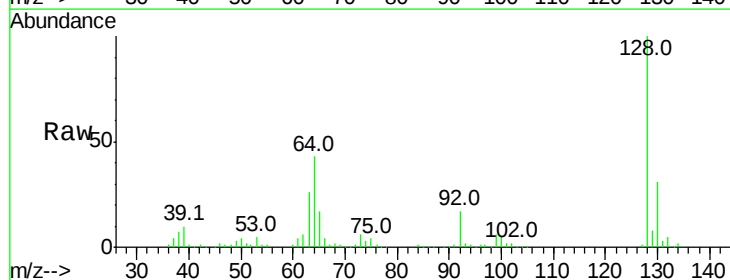
Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Tgt Ion: 128 Resp: 274290

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.9	52.9
64	42.7	28.4	68.4

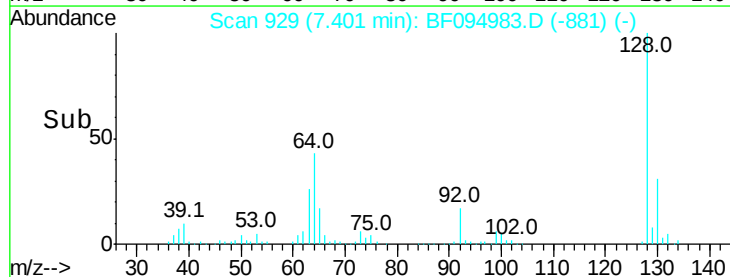
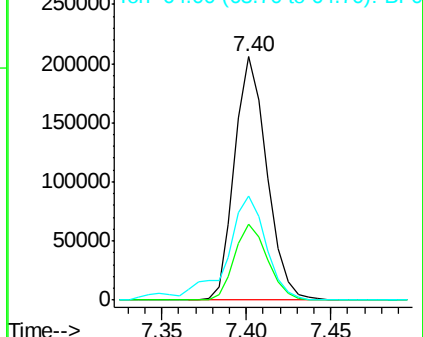


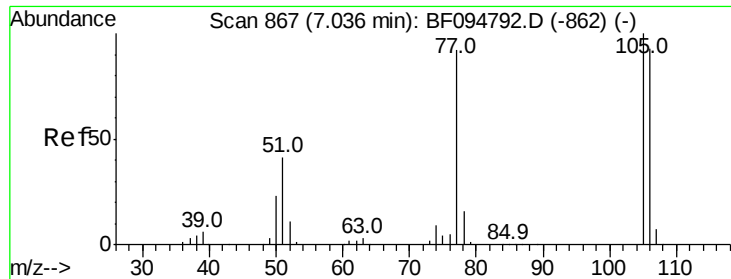
Abundance

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: 37.89 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

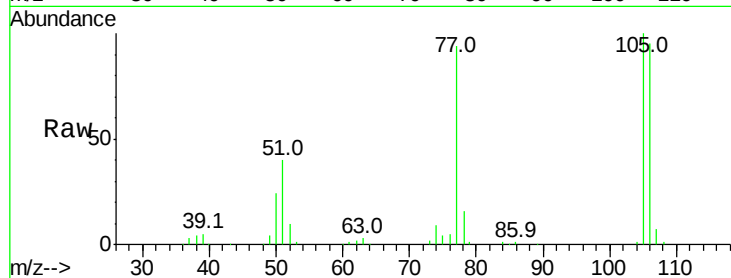
Tot Ion: 77 Resp: 164595

Ion Ratio Lower Upper

77 100

105 106.5 83.8 123.8

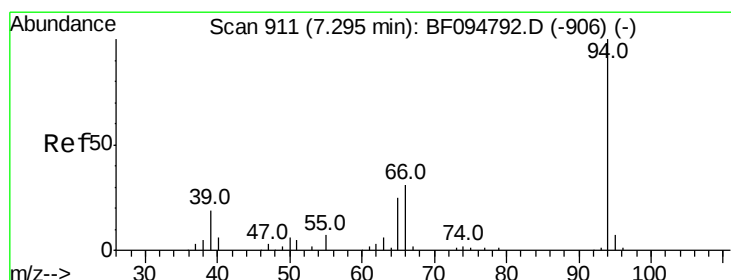
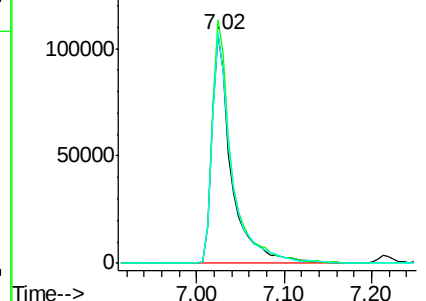
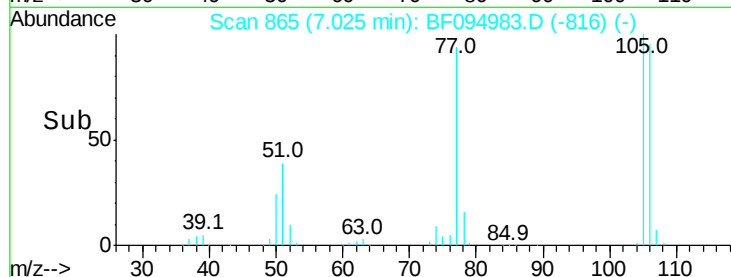
106 101.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.85 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

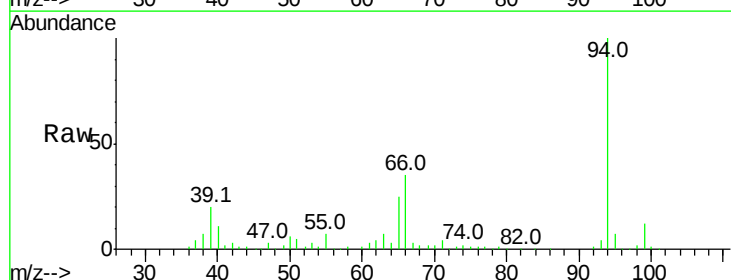
Tgt Ion: 94 Resp: 298758

Ion Ratio Lower Upper

94 100

65 25.3 9.9 49.9

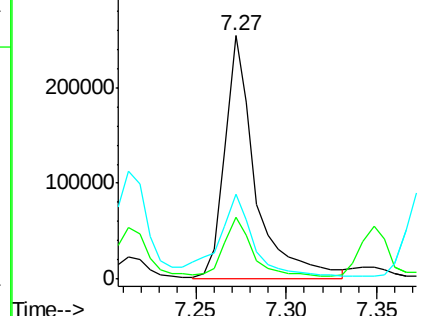
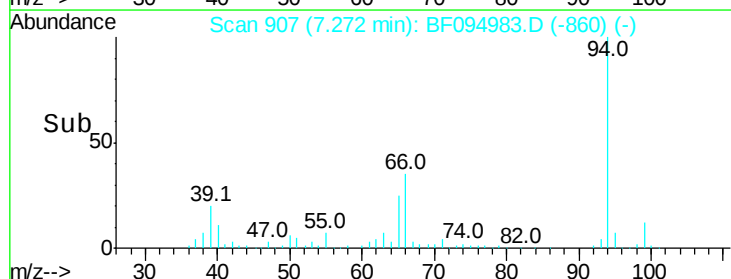
66 35.0 23.1 63.1



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: 40.28 ng

RT: 7.35 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

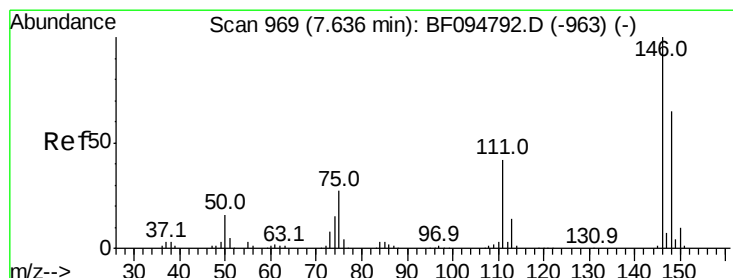
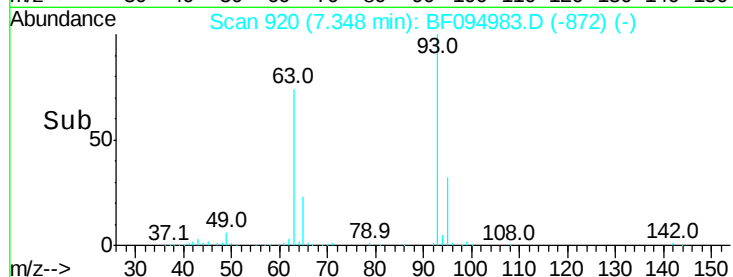
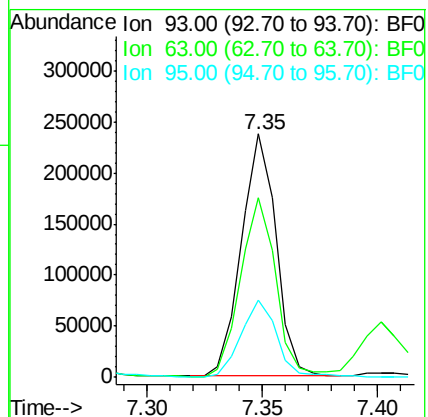
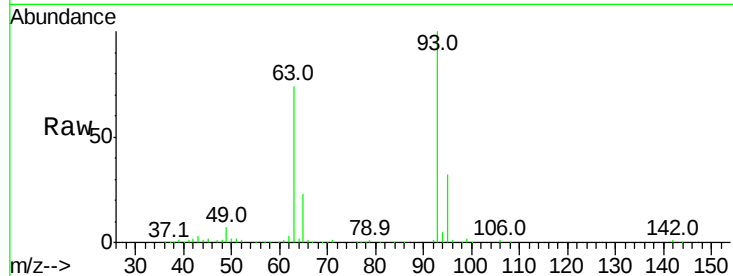
Tot Ion: 93 Resp: 249286

Ion Ratio Lower Upper

93 100

63 73.7 59.2 99.2

95 32.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.46 ng

RT: 7.62 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

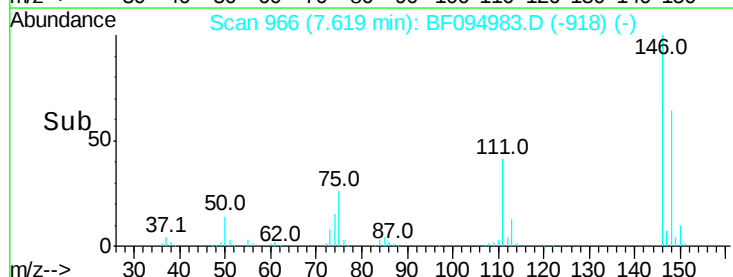
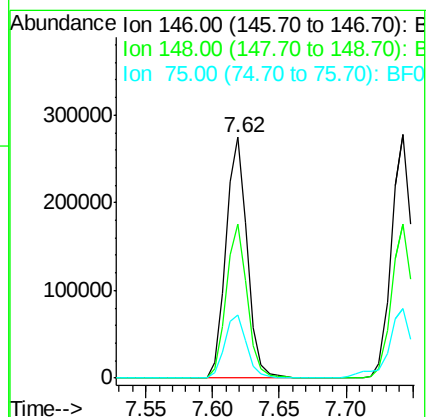
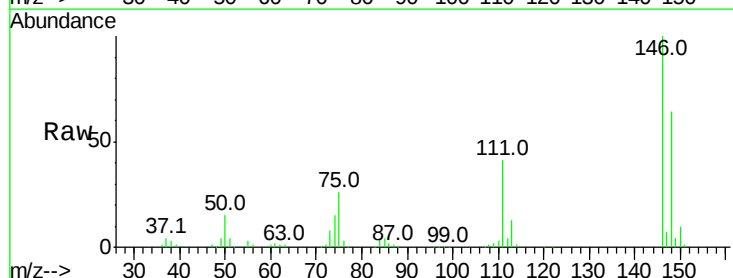
Tgt Ion: 146 Resp: 309709

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

75 26.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.52 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

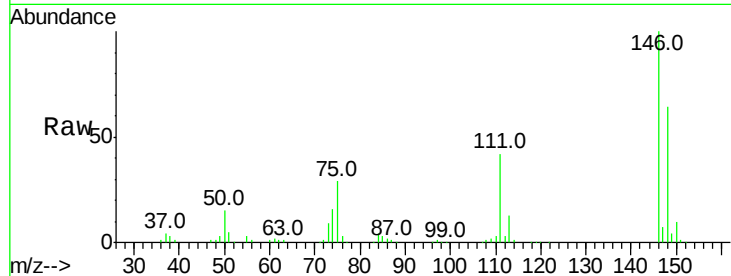
Tot Ion:146 Resp: 314579

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

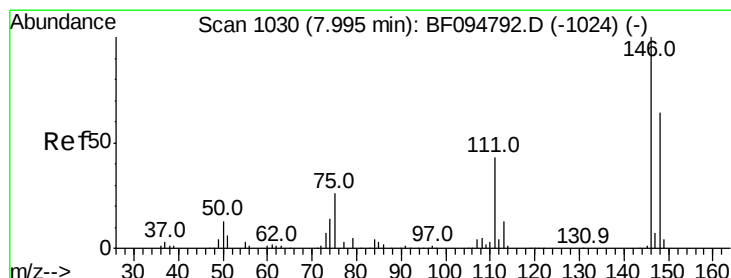
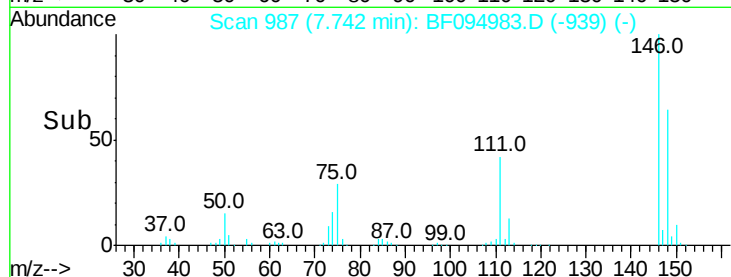
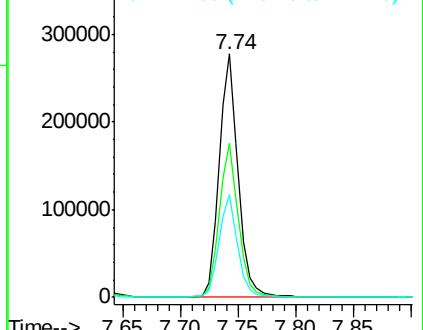
111 42.1 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.09 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

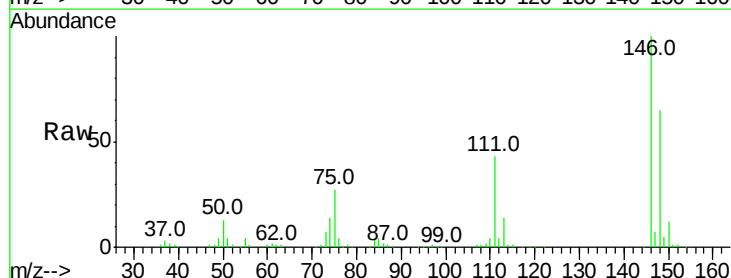
Tgt Ion:146 Resp: 297735

Ion Ratio Lower Upper

146 100

148 64.8 50.4 75.6

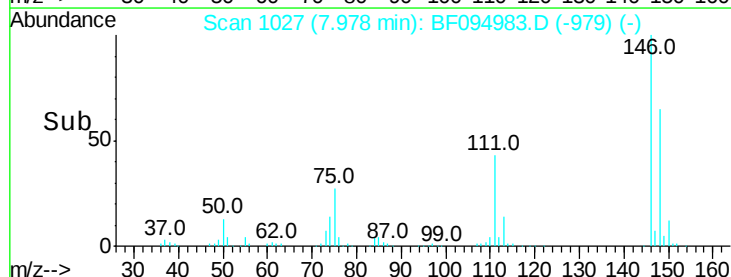
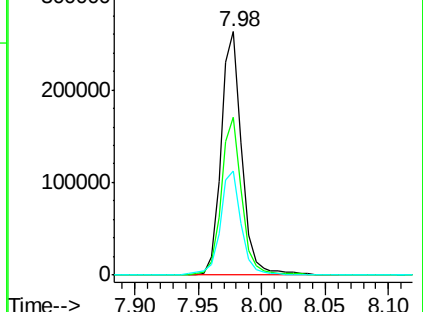
111 43.0 38.2 57.4

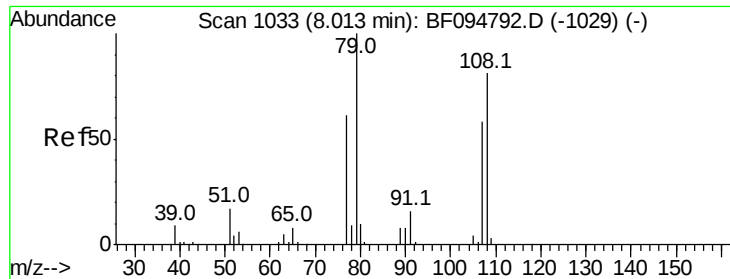


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

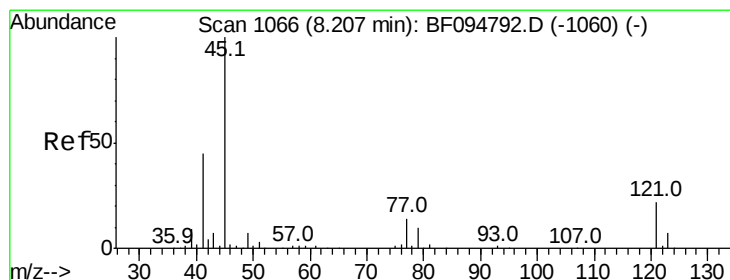
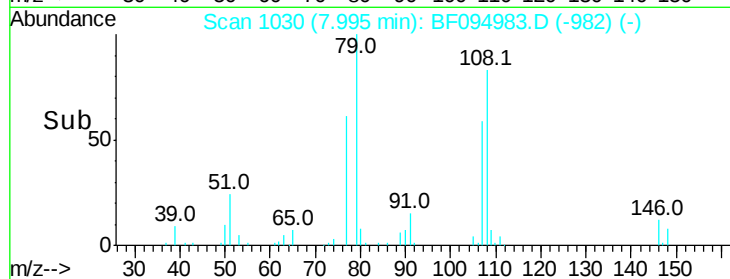
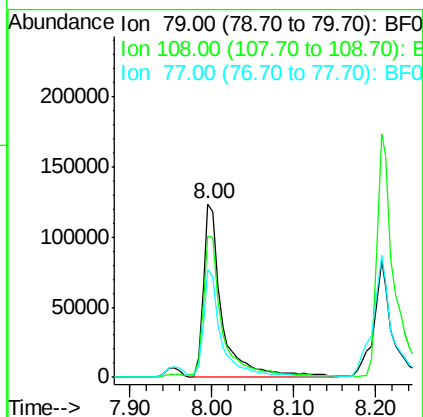
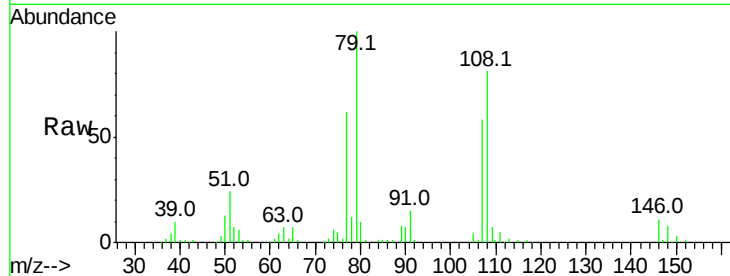




#15
Benzyl Alcohol
Concen: 42.38 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

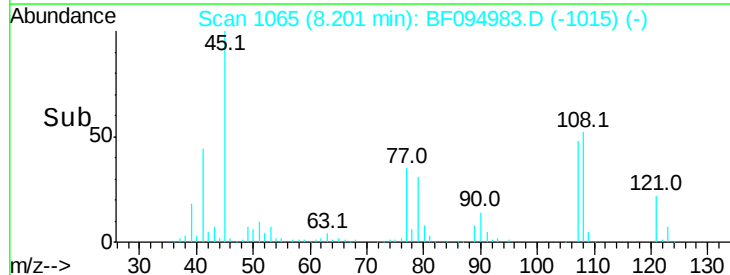
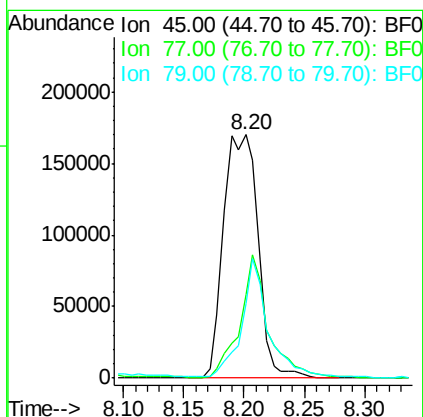
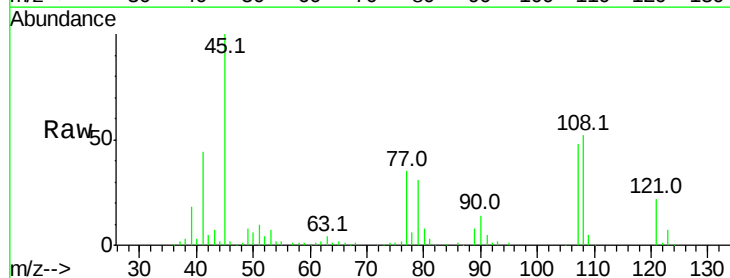
Instrument :
BNA_F
ClientSampleId :

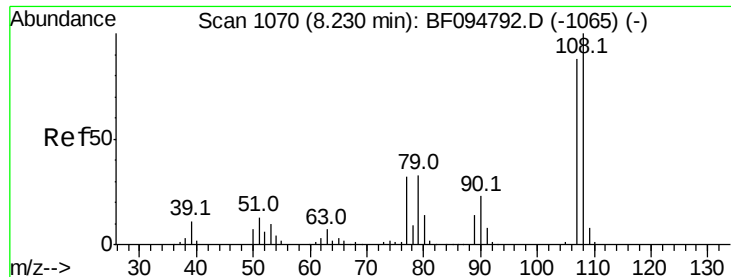
Tot Ion: 79 Resp: 193934
Ion Ratio Lower Upper
79 100
108 81.3 63.4 95.0
77 62.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.60 ng
RT: 8.20 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 45 Resp: 338133
Ion Ratio Lower Upper
45 100
77 34.5 0.0 33.2#
79 30.6 0.0 30.0#

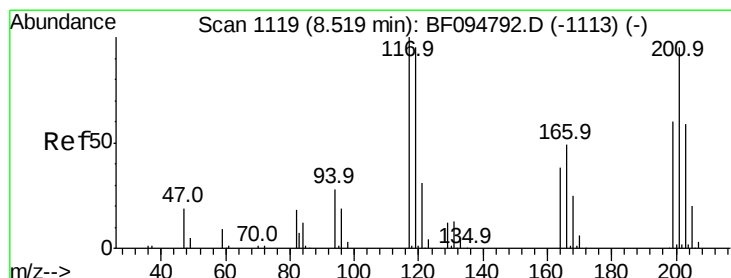
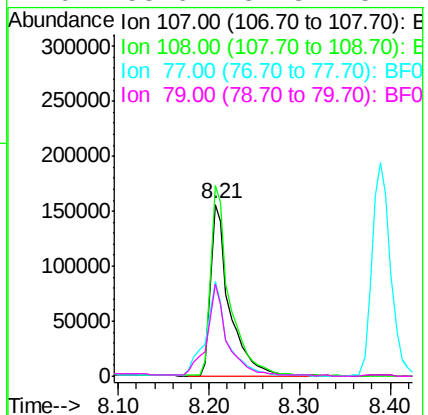
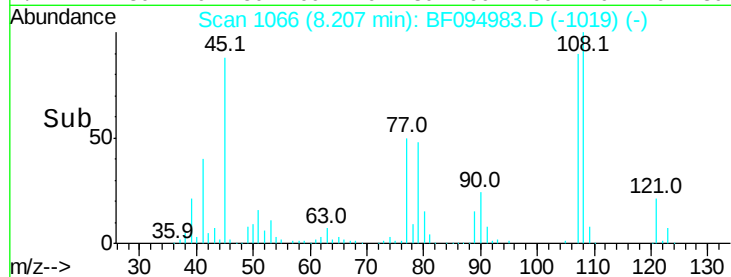
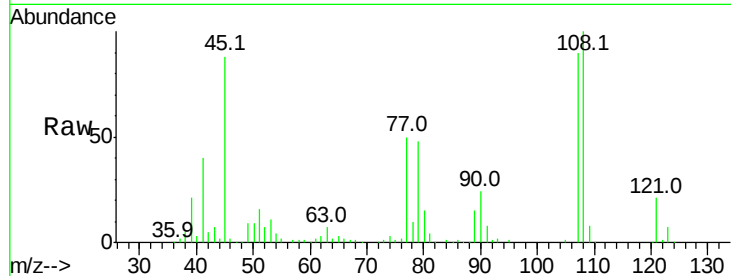




#17
 2-Methylphenol
 Concen: 41.23 ng
 RT: 8.21 min Scan# 1066
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

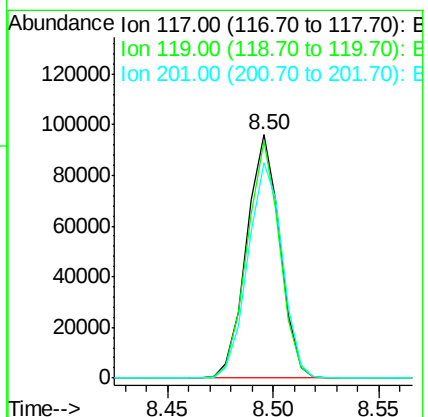
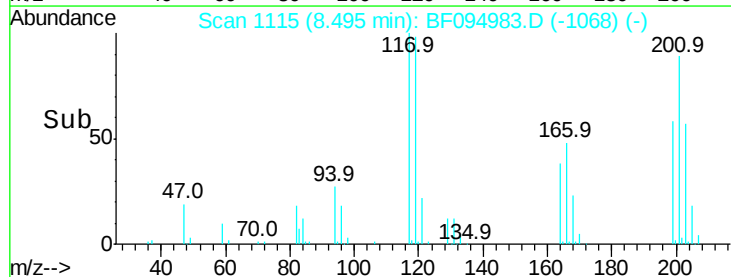
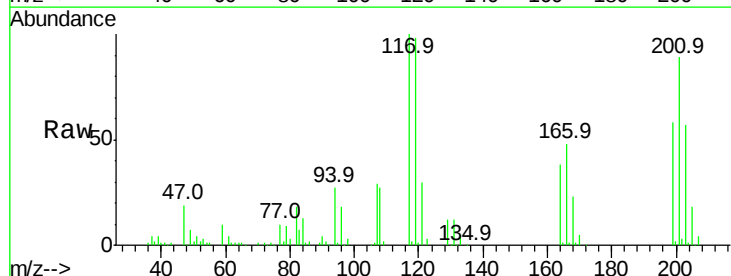
Instrument :
 BNA_F
 ClientSampled :

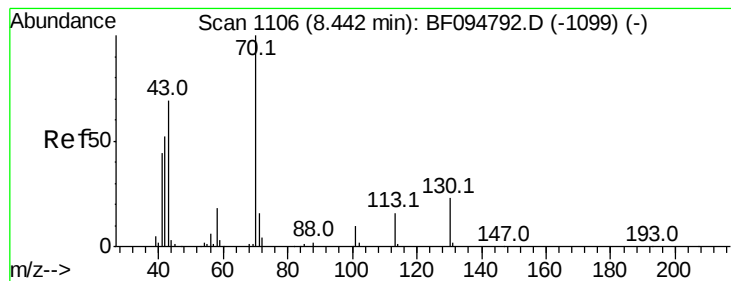
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	93.4	140.0
77	55.5	35.8	53.6#
79	53.6	34.8	52.2#



#18
 Hexachloroethane
 Concen: 40.16 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.0
201	88.6	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 40.47 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 194734

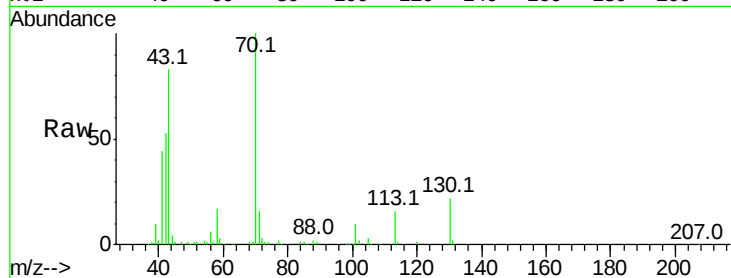
Ion Ratio Lower Upper

70 100

42 53.1 47.2 70.8

101 10.0 7.2 10.8

130 22.1 15.9 23.9

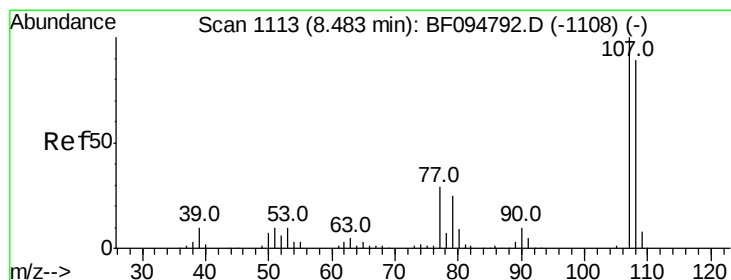
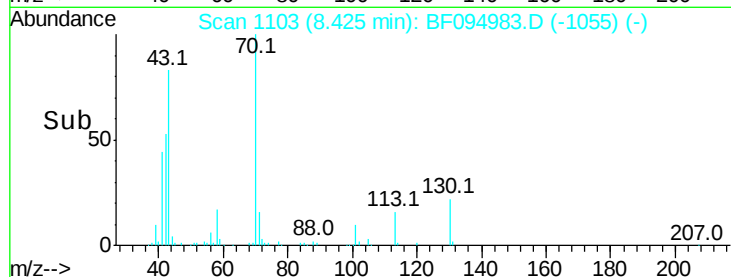
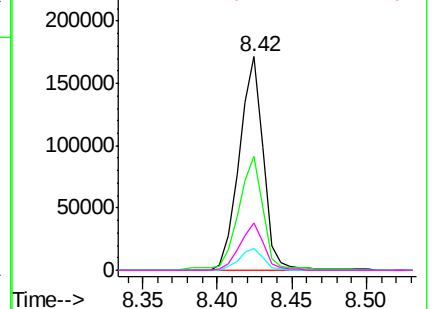


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.73 ng

RT: 8.47 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Tgt Ion: 107 Resp: 305699

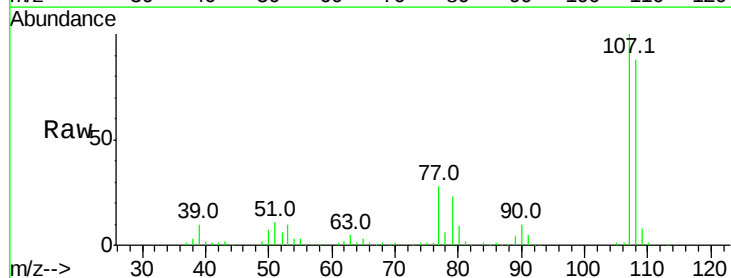
Ion Ratio Lower Upper

107 100

108 88.4 71.0 111.0

77 27.6 90.5 130.5#

79 23.1 8.4 48.4

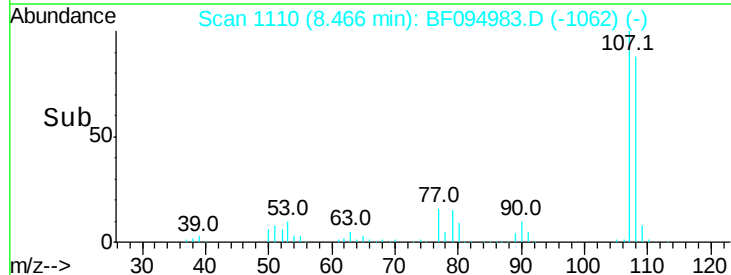
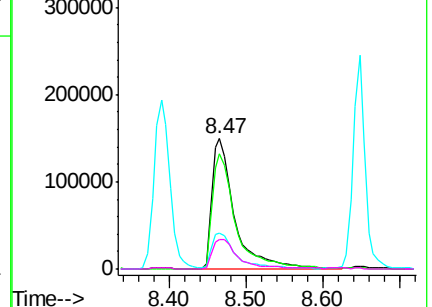


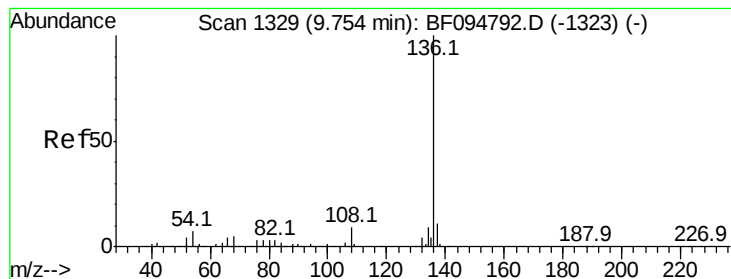
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 409481

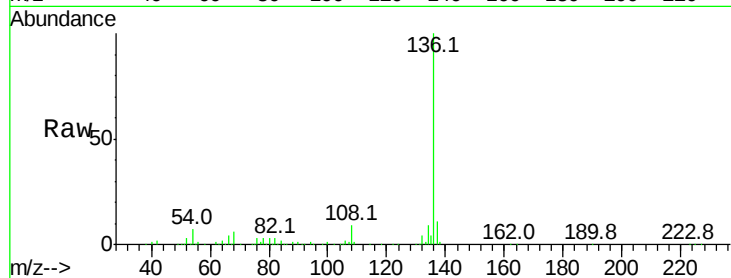
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.8 4.1 6.1

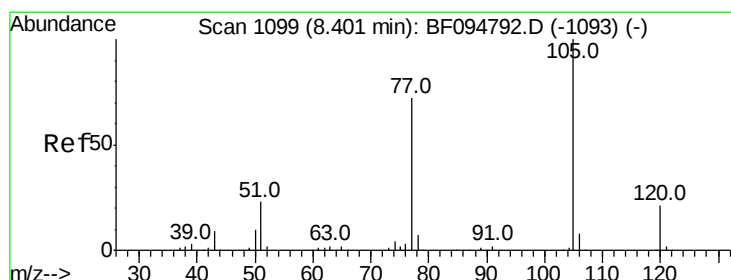
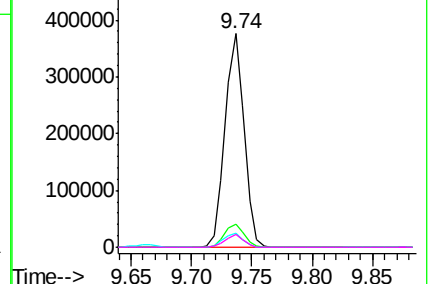
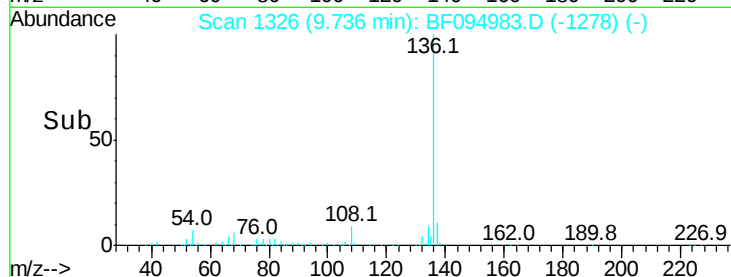


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.80 ng

RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Tgt Ion:105 Resp: 391017

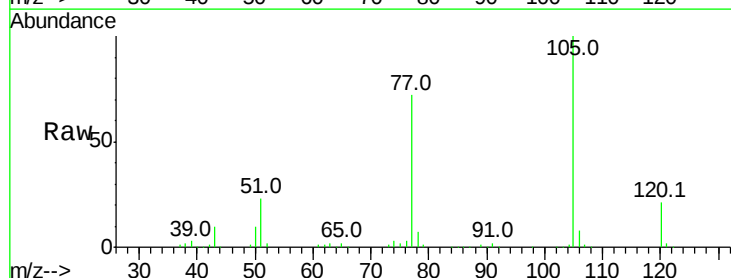
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.8 30.7 46.1#

120 21.3 17.4 26.0

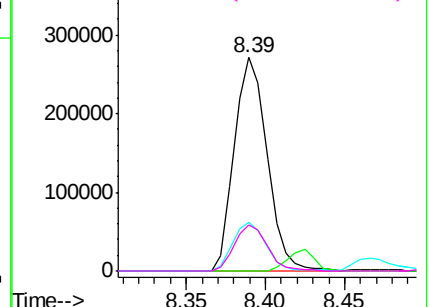
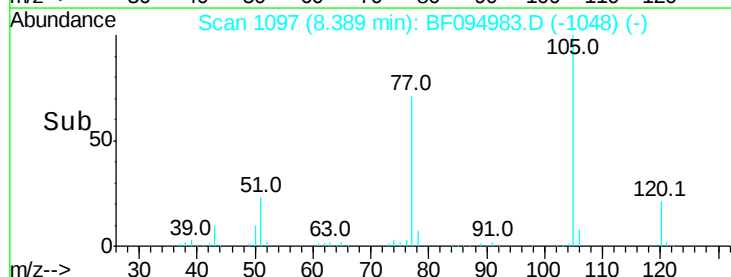


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

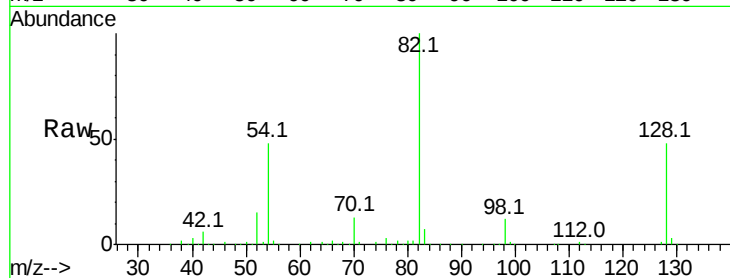




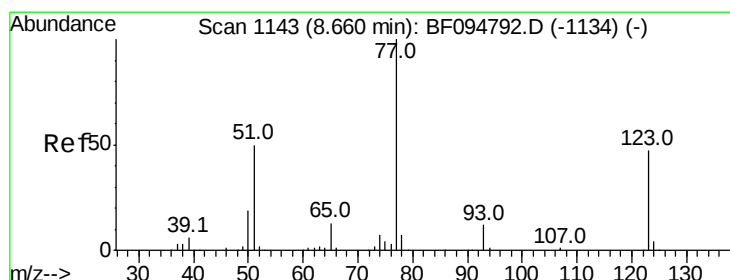
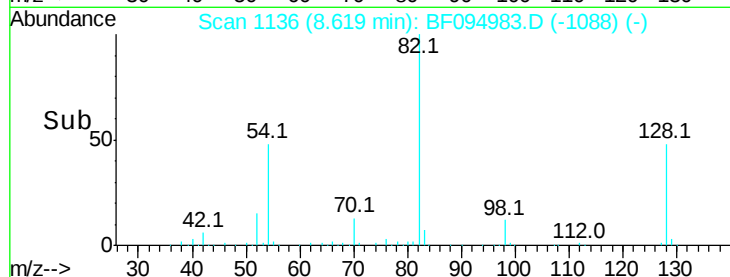
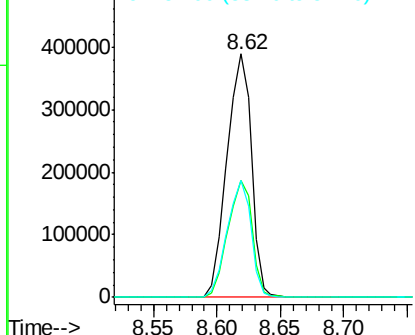
#23
Nitrobenzene-d5
Concen: 80.09 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 520052
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 47.9 42.2 63.2

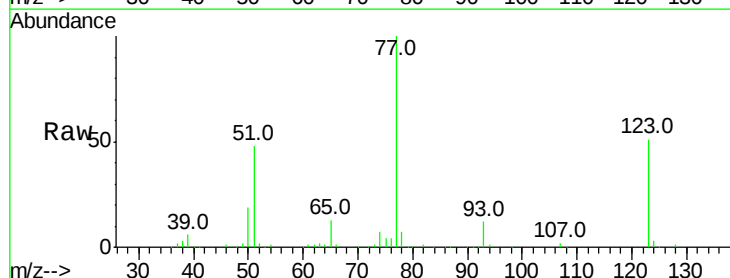


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

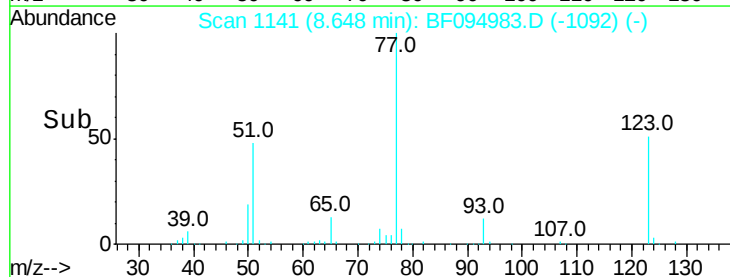
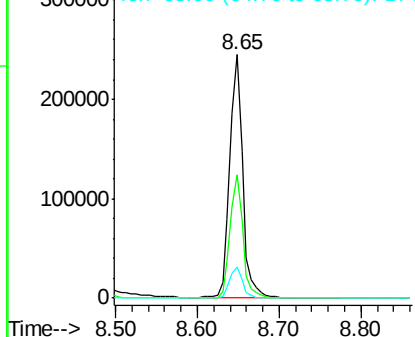


#24
Nitrobenzene
Concen: 40.03 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 77 Resp: 272480
Ion Ratio Lower Upper
77 100
123 50.5 35.8 53.8
65 12.7 10.6 15.8



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





#25

Isophorone

Concen: 40.04 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

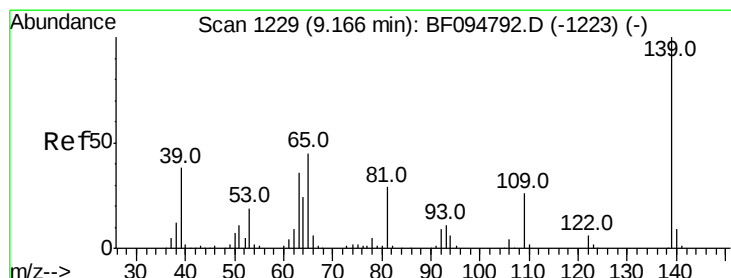
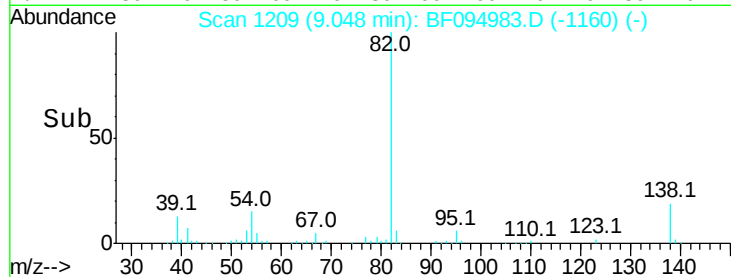
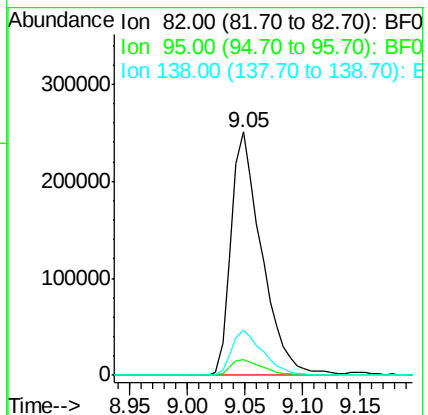
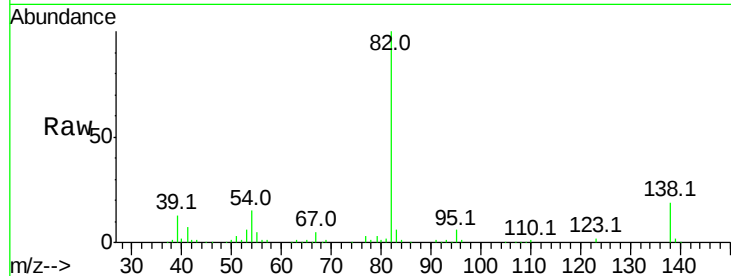
Tot Ion: 82 Resp: 464310

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 42.28 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

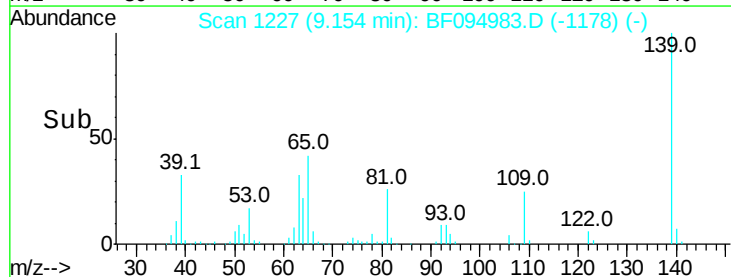
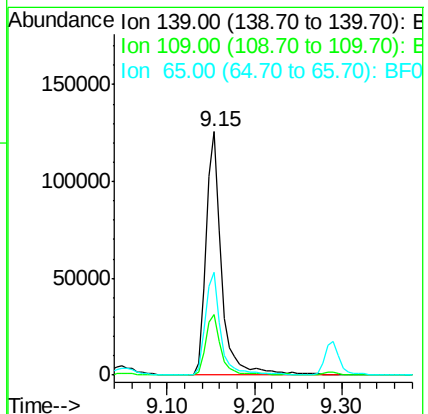
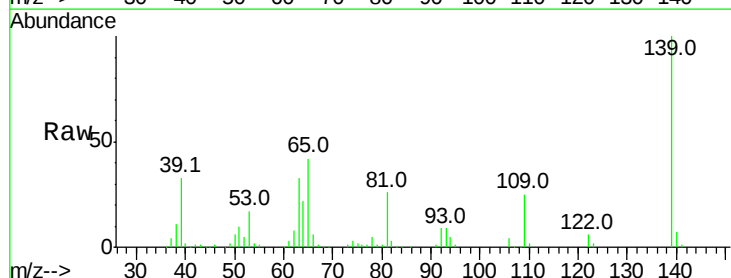
Tgt Ion: 139 Resp: 155281

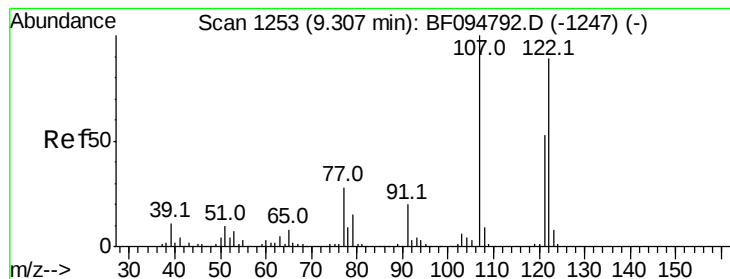
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 42.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.16 ng

RT: 9.29 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

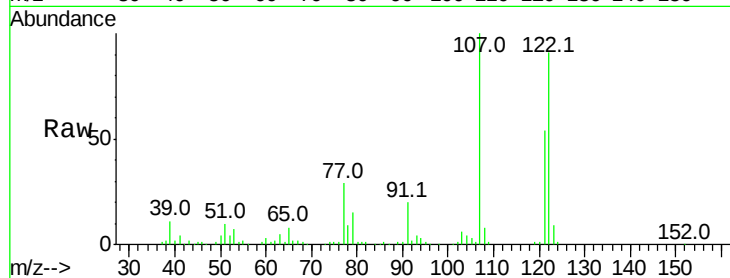
Tot Ion:122 Resp: 238447

Ion Ratio Lower Upper

122 100

107 110.1 89.2 133.8

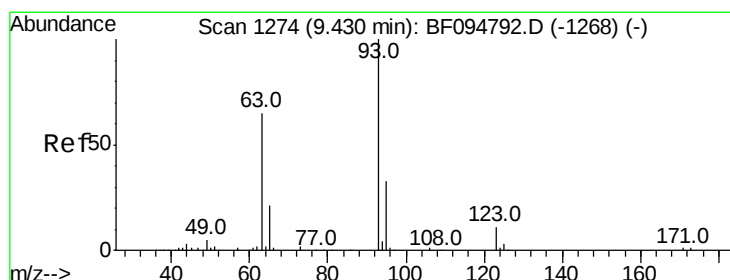
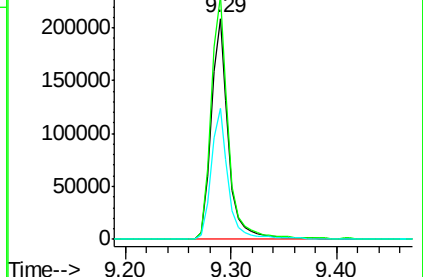
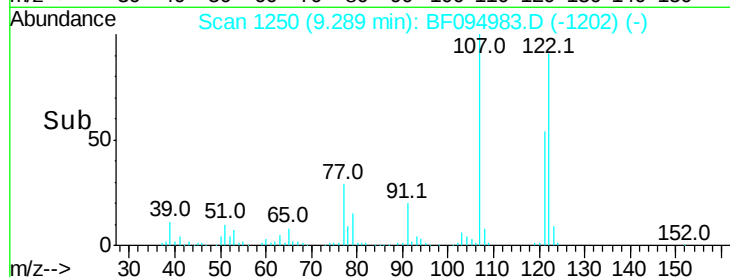
121 59.4 45.2 67.8



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: 39.77 ng

RT: 9.41 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

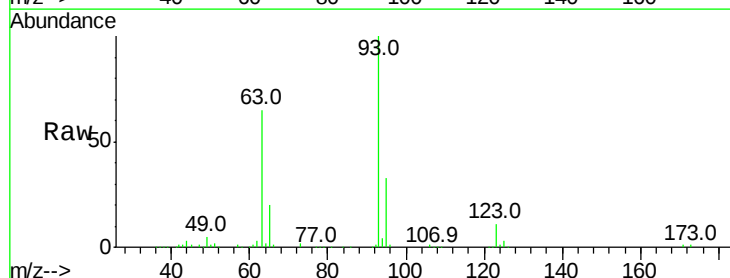
Tgt Ion: 93 Resp: 318987

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

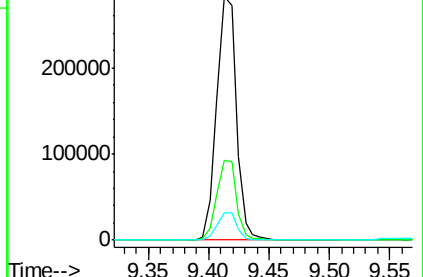
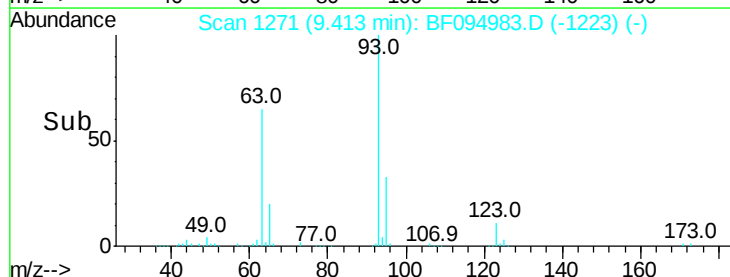
123 11.3 9.0 13.4

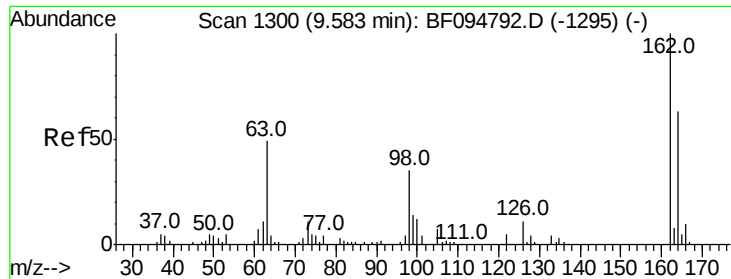


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

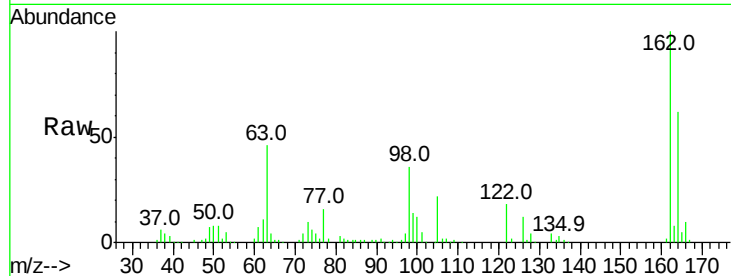




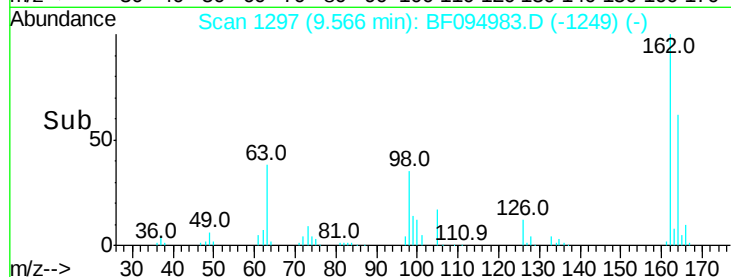
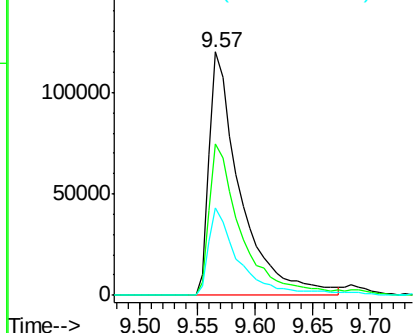
#29
 2,4-Dichlorophenol
 Concen: 40.28 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	35.8	14.8	54.8

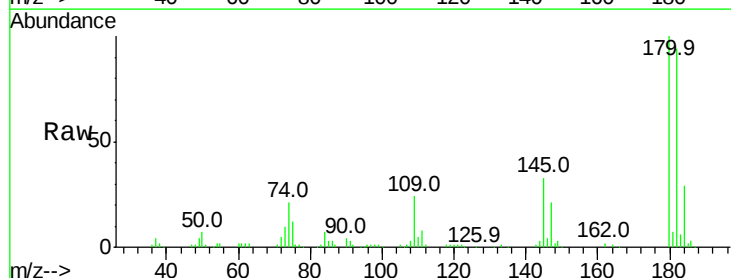


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

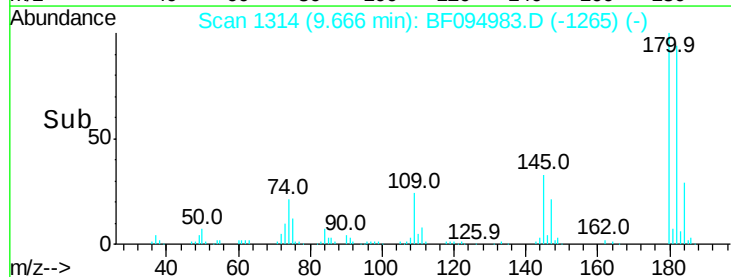
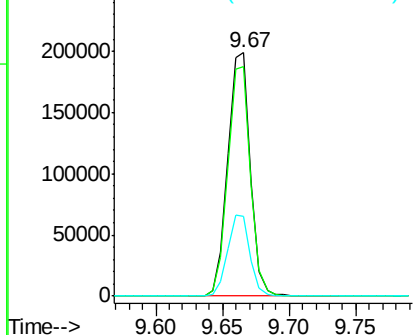


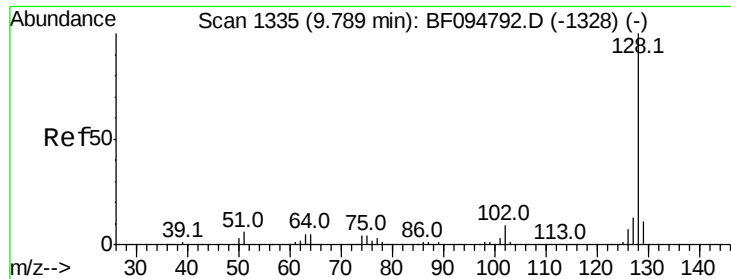
#30
 1,2,4-Trichlorobenzene
 Concen: 39.52 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	32.9	25.3	37.9



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

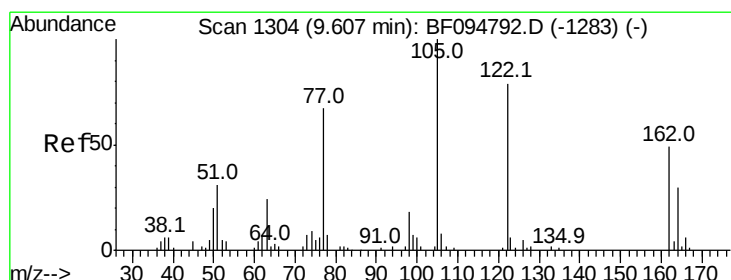
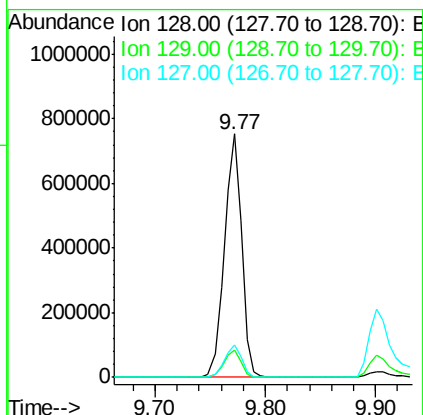
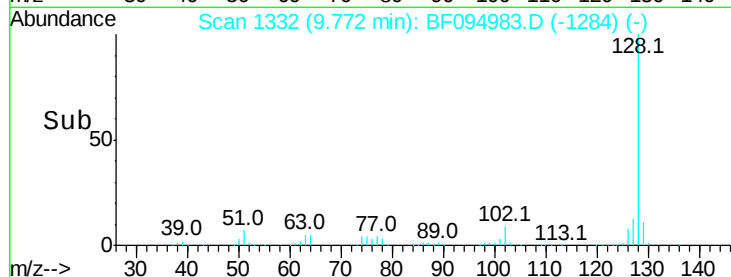
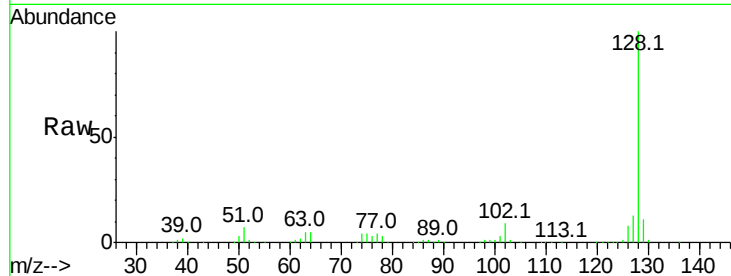




#31
Naphthalene
Concen: 39.96 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

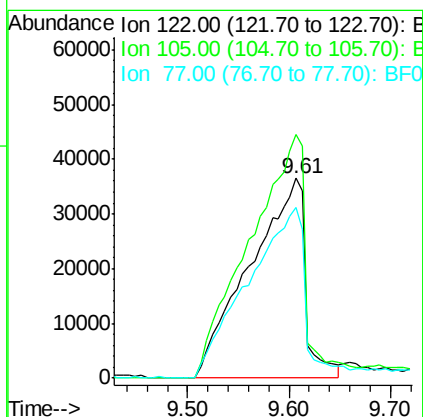
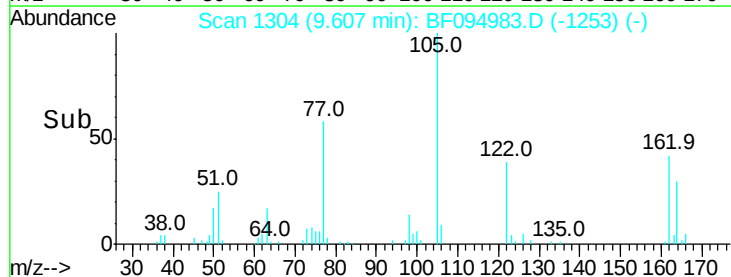
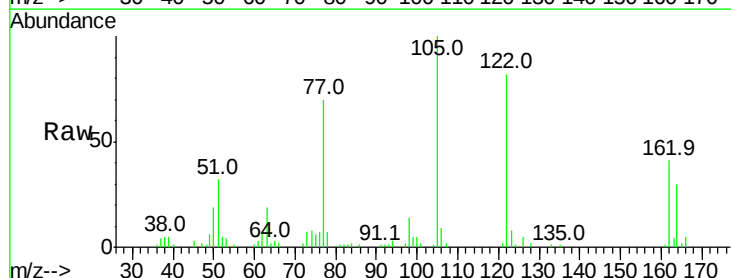
Instrument :
BNA_F
ClientSampled :

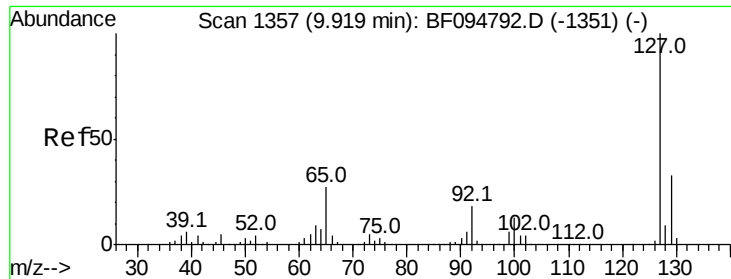
Tot Ion:128 Resp: 822460
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 37.05 ng
RT: 9.61 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:122 Resp: 139414
Ion Ratio Lower Upper
122 100
105 122.1 103.3 143.3
77 85.5 73.7 113.7

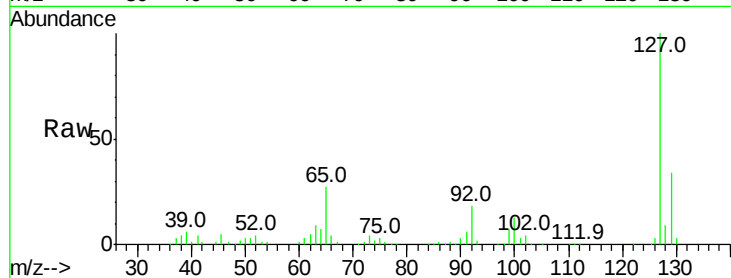




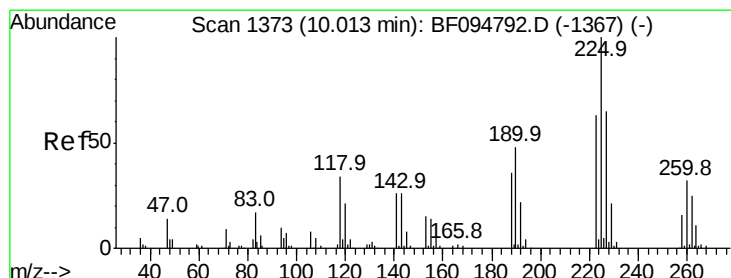
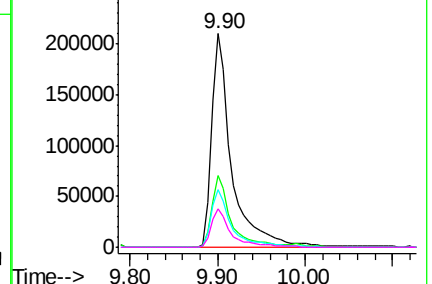
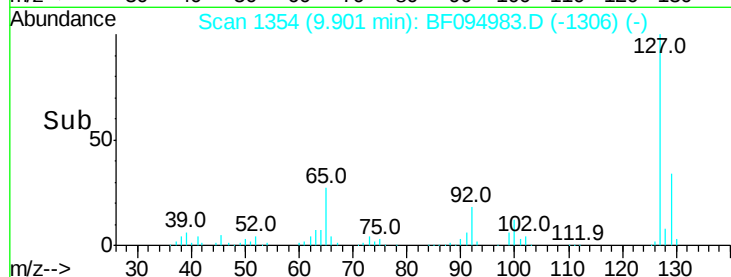
#33
 4-Chloroaniline
 Concen: 43.67 ng
 RT: 9.90 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	334895
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.2
65	26.9	27.8	41.8#
92	18.2	16.8	25.2

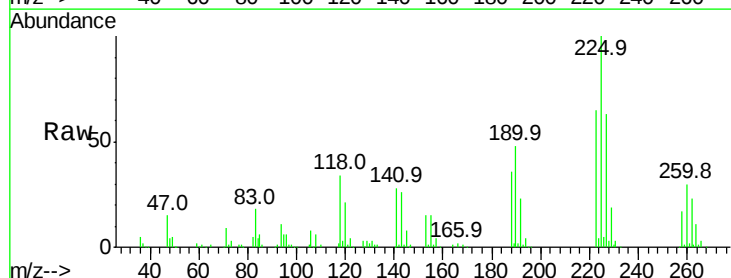


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

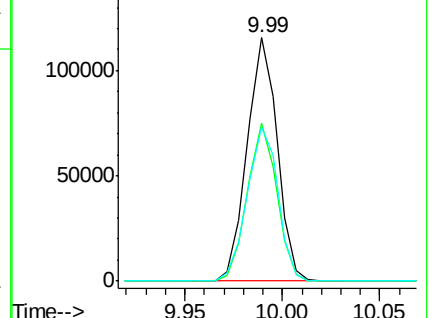
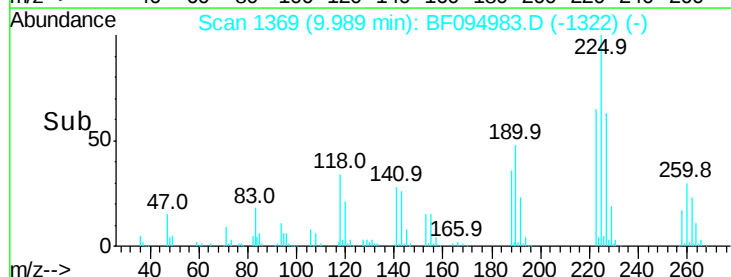


#34
 Hexachlorobutadiene
 Concen: 39.02 ng
 RT: 9.99 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion:	225	Resp:	123690
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	63.5	51.1	76.7



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





#35

Caprolactam

Concen: 33.13 ng

RT: 10.53 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

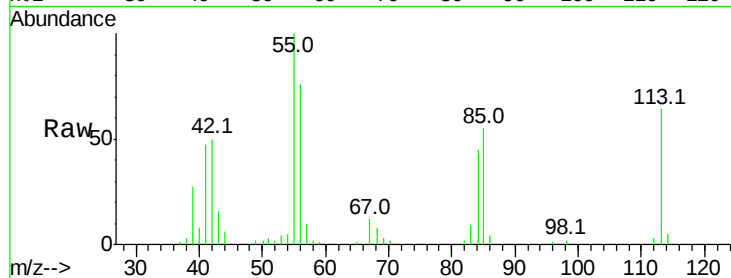
Tot Ion:113 Resp: 55770

Ion Ratio Lower Upper

113 100

55 157.2 150.2 190.2

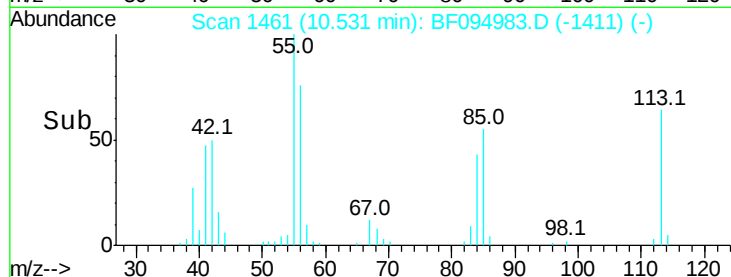
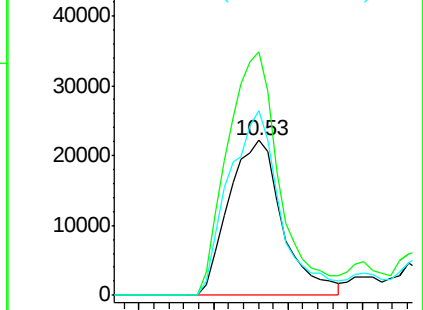
56 119.6 107.8 147.8



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: 41.83 ng

RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

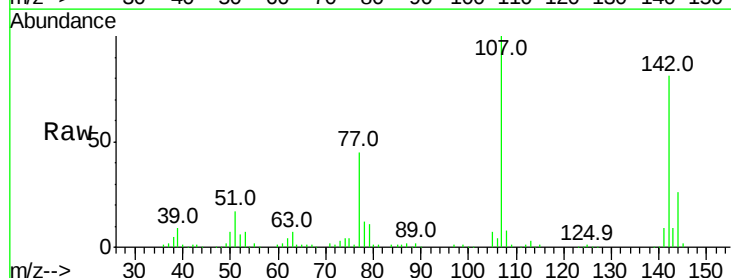
Tgt Ion:107 Resp: 250783

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

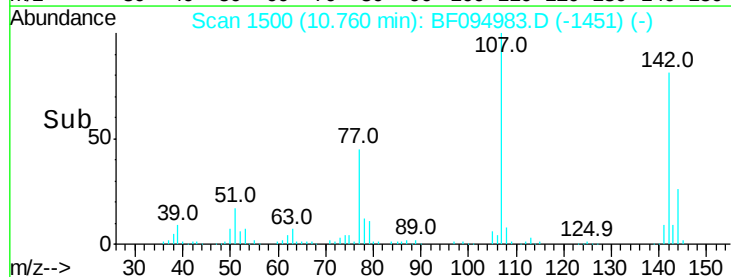
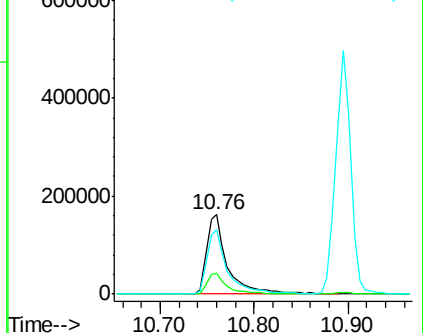
142 81.0 73.4 110.0

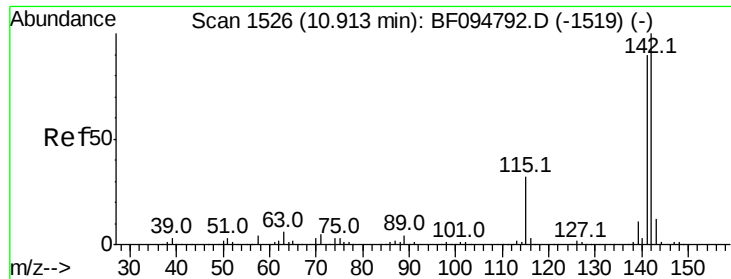


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

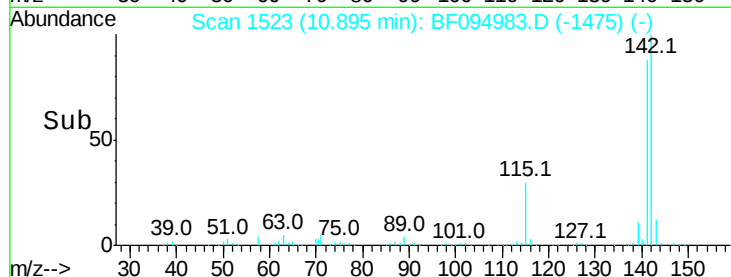
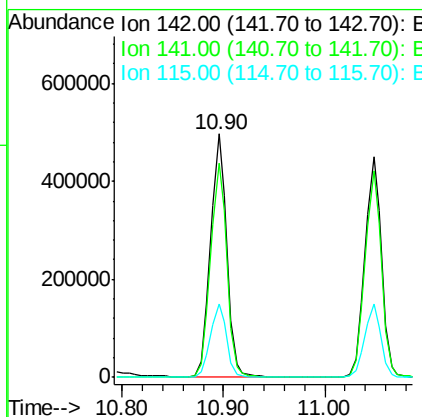
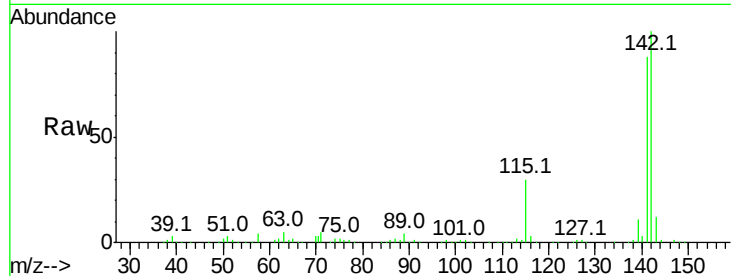




#37
2-Methylnaphthalene
Concen: 41.25 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

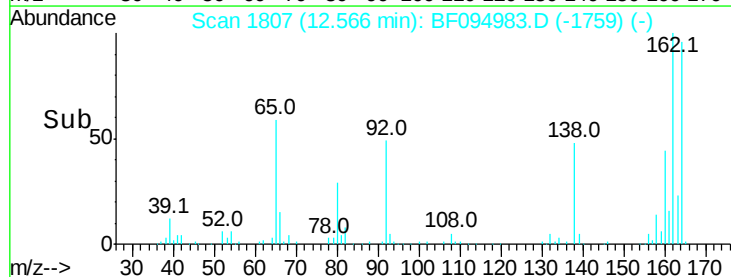
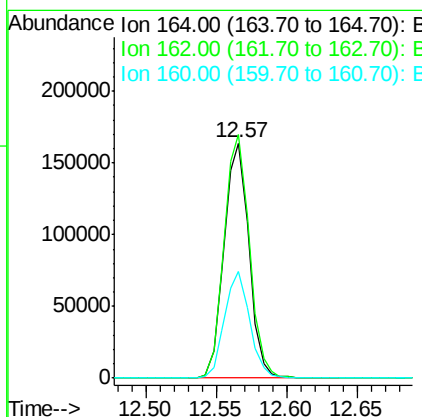
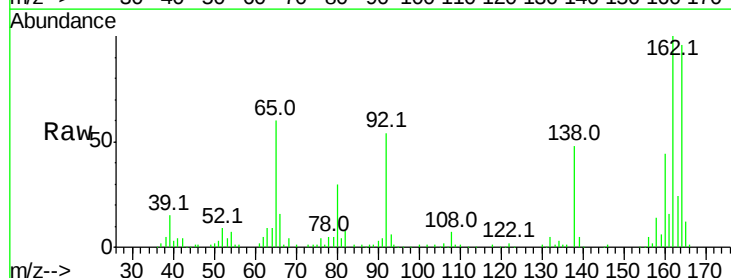
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 557106
Ion Ratio Lower Upper
142 100
141 87.8 71.3 106.9
115 30.2 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:164 Resp: 200316
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 45.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.73 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 232426

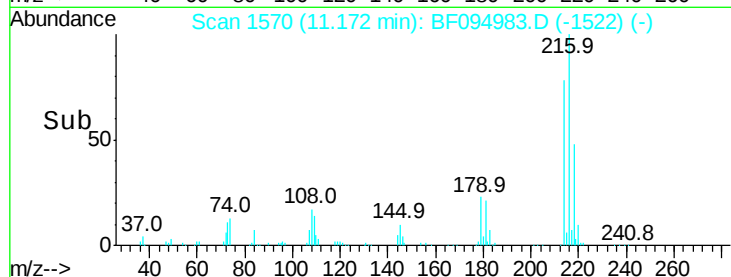
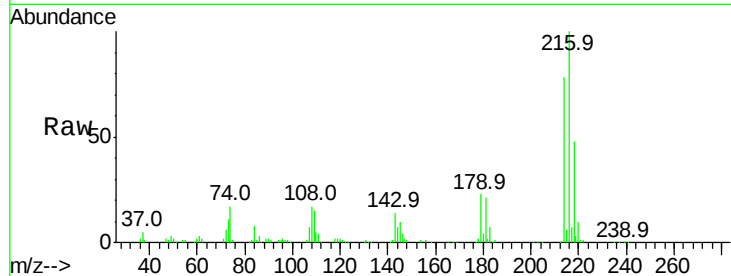
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 22.2 17.9 26.9

108 18.6 16.5 24.7

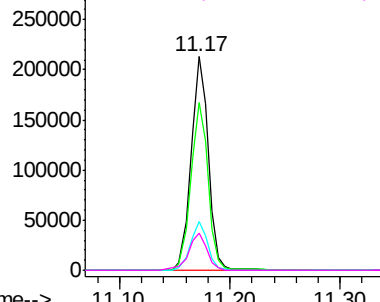


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.71 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

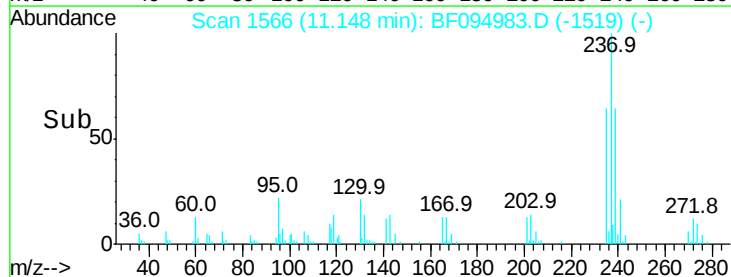
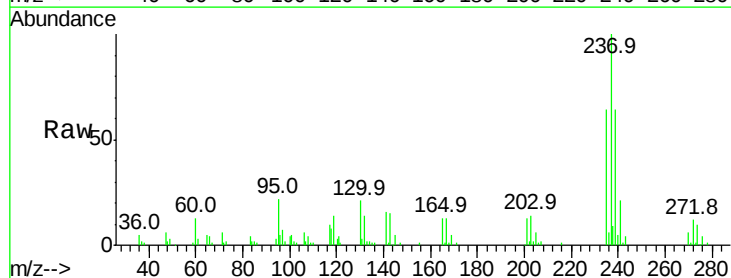
Tgt Ion:237 Resp: 74679

Ion Ratio Lower Upper

237 100

235 64.4 42.6 82.6

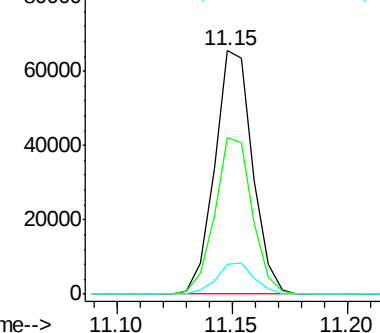
272 12.1 0.0 31.9

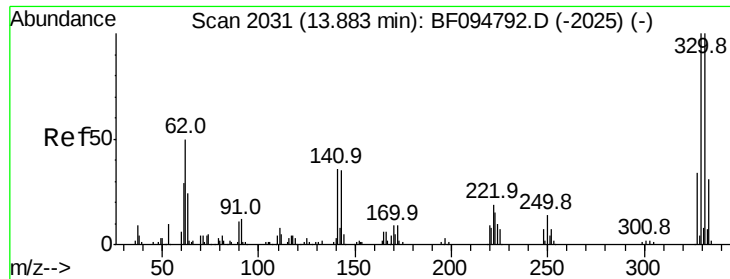


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

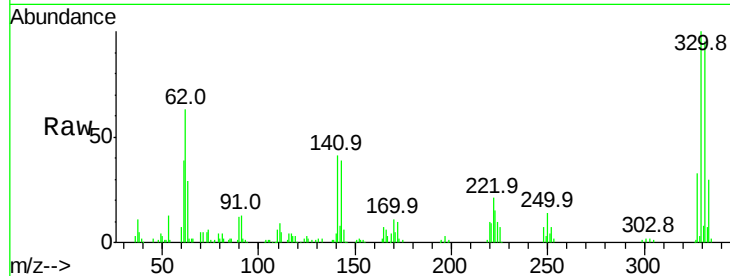




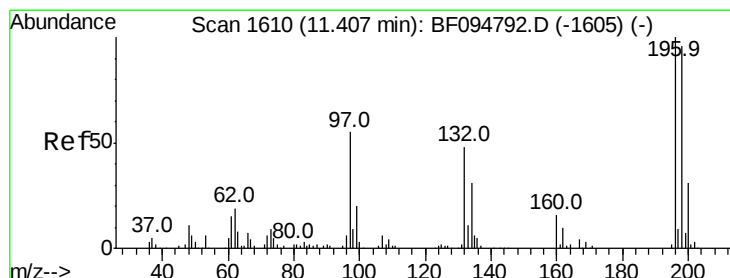
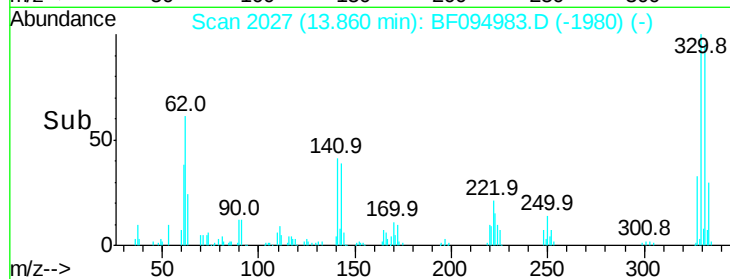
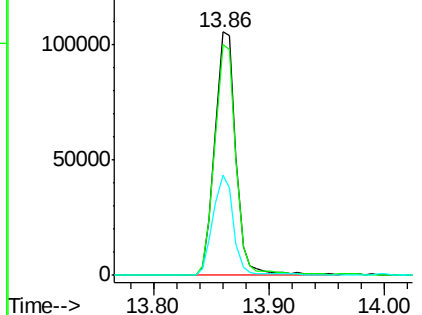
#41
 2,4,6-Tribromophenol
 Concen: 82.29 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 134999
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 40.5 31.4 47.2

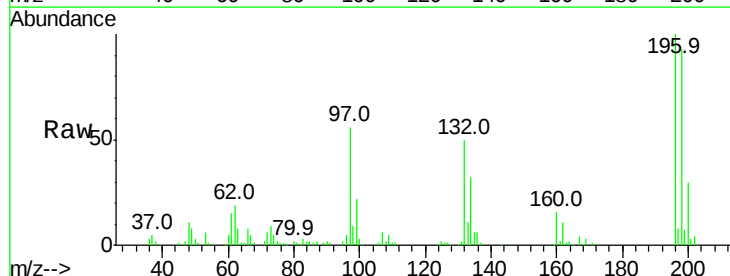


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

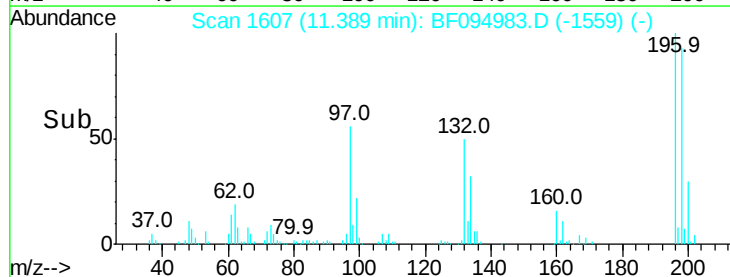
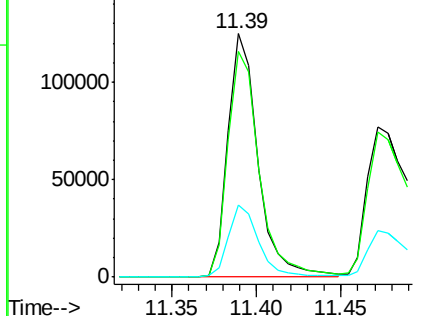


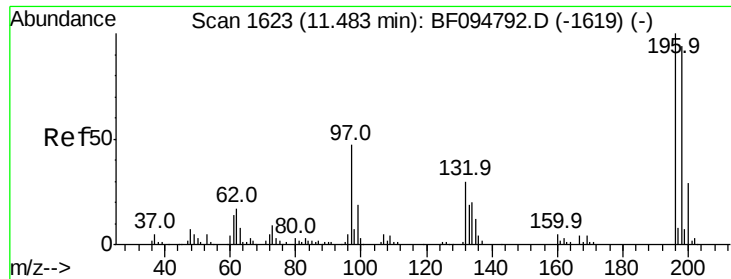
#42
 2,4,6-Trichlorophenol
 Concen: 37.63 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion:196 Resp: 154775
 Ion Ratio Lower Upper
 196 100
 198 92.6 74.2 111.4
 200 29.6 24.0 36.0



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

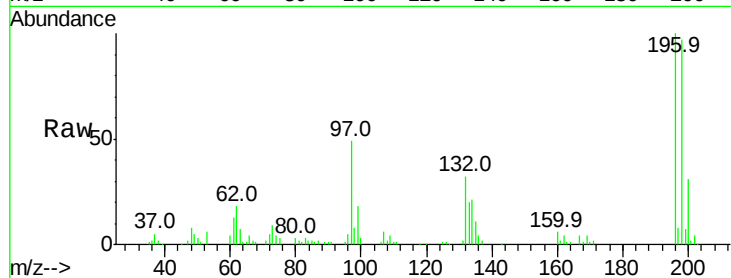




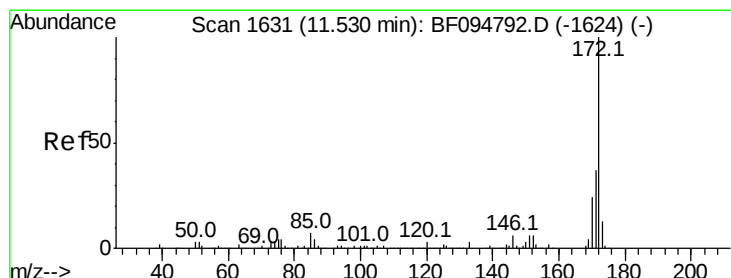
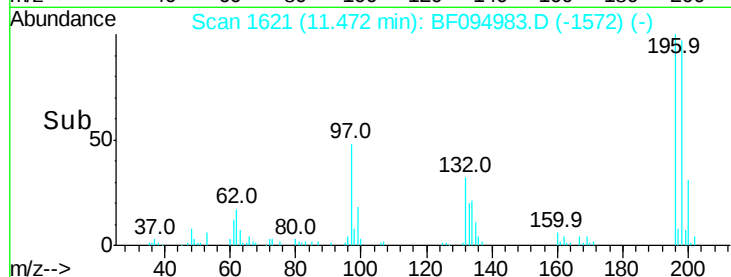
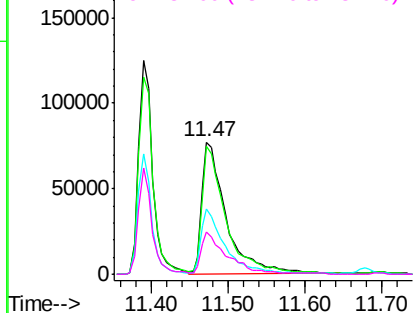
#43
2,4,5-Trichlorophenol
Concen: 38.14 ng
RT: 11.47 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 168602
Ion Ratio Lower Upper
196 100
198 96.7 75.7 113.5
97 49.4 47.7 71.5
132 31.9 28.0 42.0

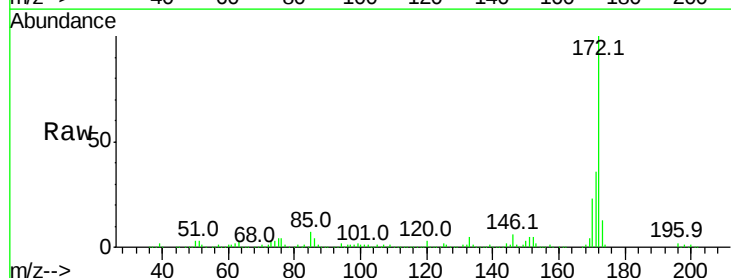


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

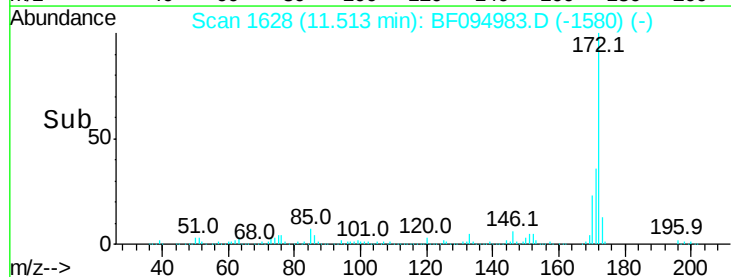
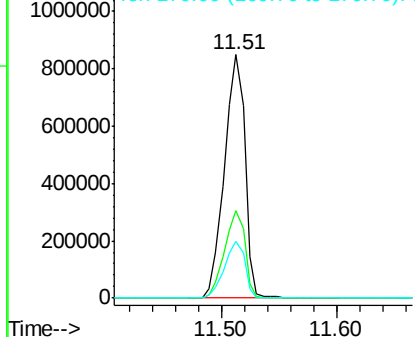


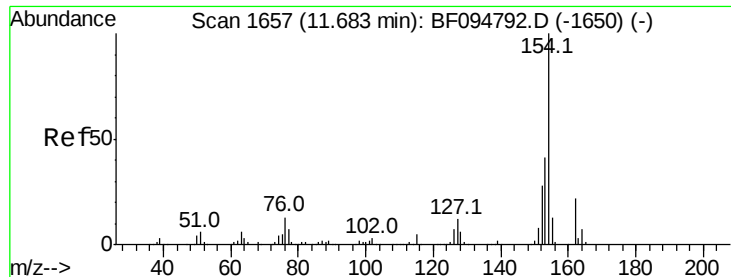
#44
2-Fluorobiphenyl
Concen: 75.39 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:172 Resp: 1049195
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.4 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: 39.70 ng

RT: 11.67 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

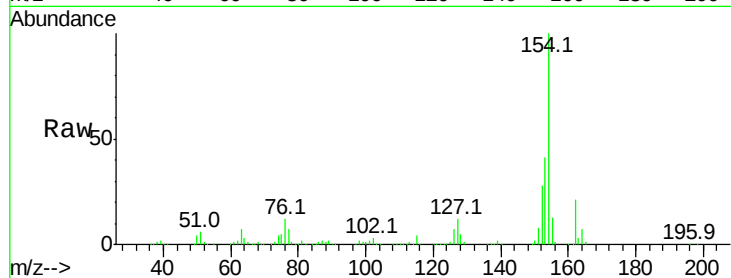
Tot Ion:154 Resp: 669614

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

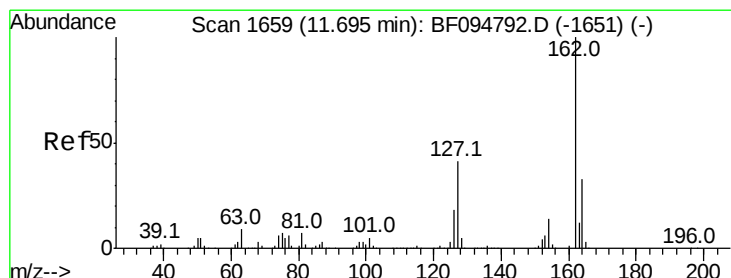
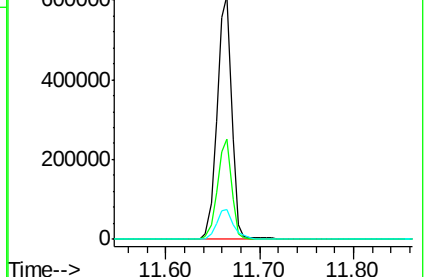
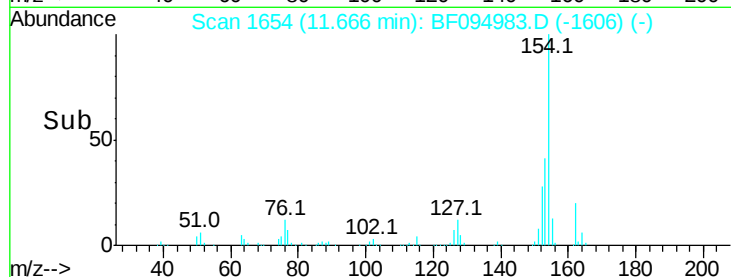
76 12.4 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.28 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

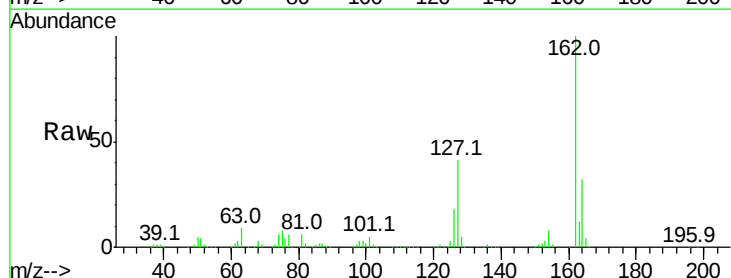
Tgt Ion:162 Resp: 534979

Ion Ratio Lower Upper

162 100

127 41.3 28.3 42.5

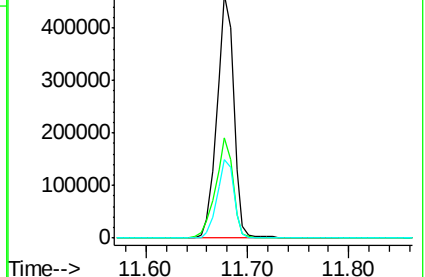
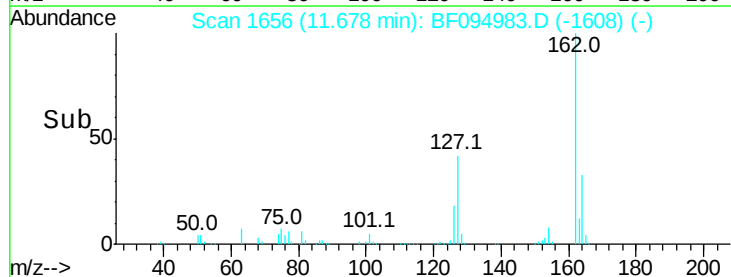
164 32.3 27.0 40.4



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

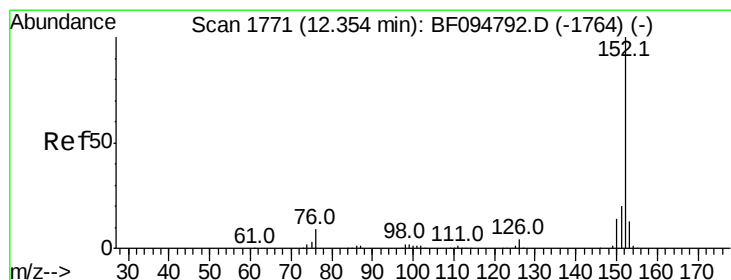
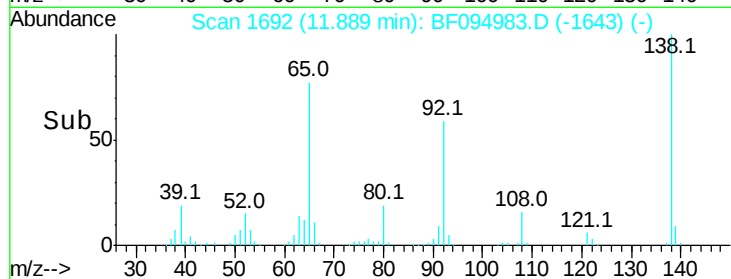
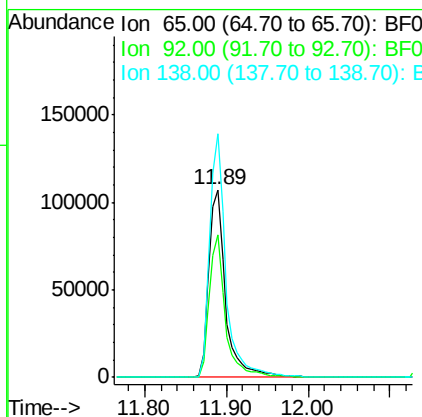
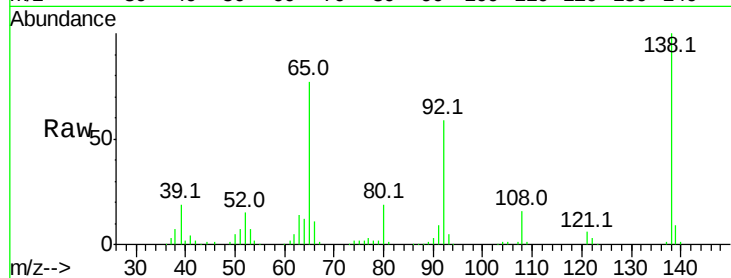




#47
 2-Nitroaniline
 Concen: 41.09 ng
 RT: 11.89 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

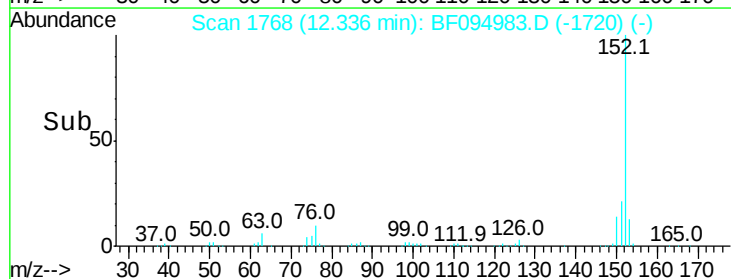
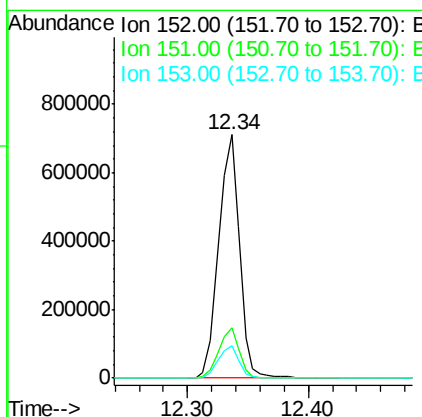
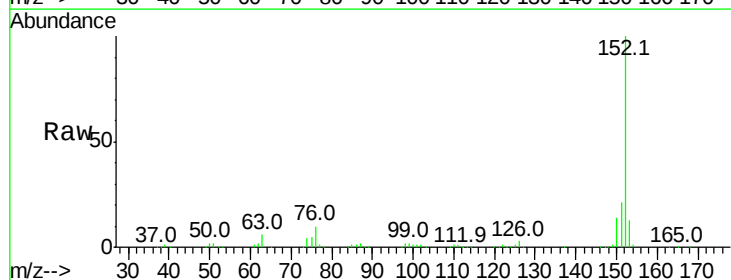
Instrument :
 BNA_F
 ClientSampled :

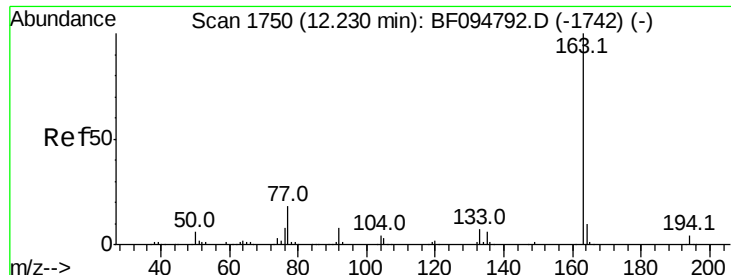
Tot Ion: 65 Resp: 153160
 Ion Ratio Lower Upper
 65 100
 92 75.9 53.9 80.9
 138 129.7 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.55 ng
 RT: 12.34 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion: 152 Resp: 843661
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.1 10.8 16.2

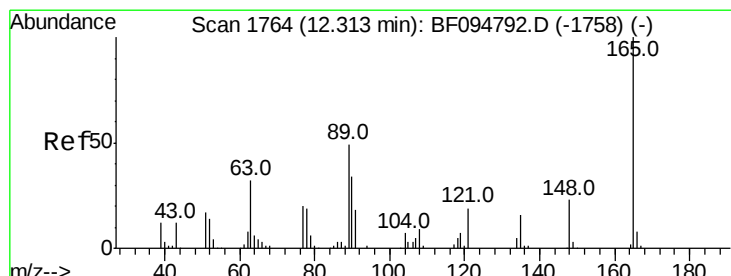
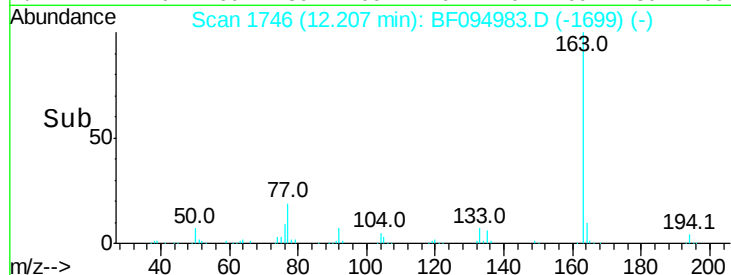
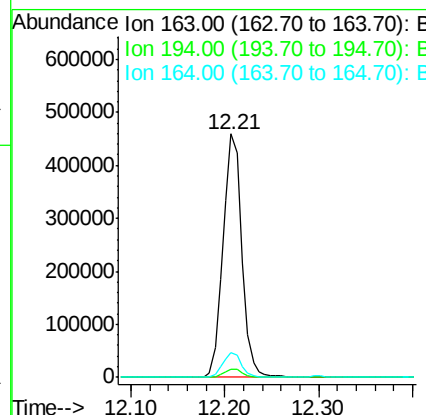
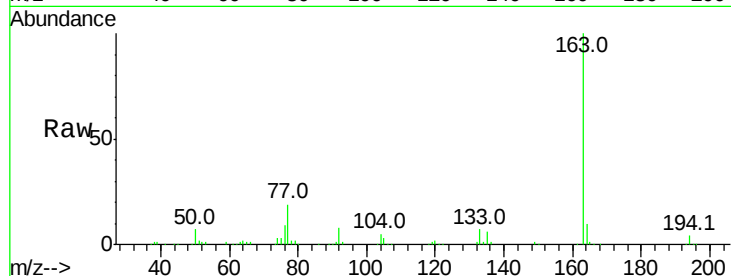




#49
Dimethylphthalate
Concen: 39.10 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

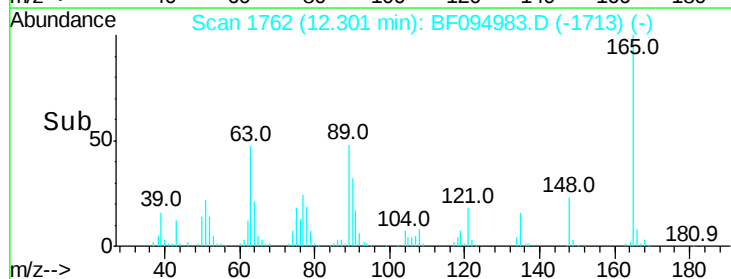
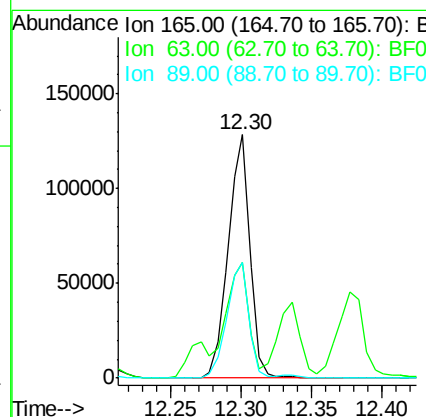
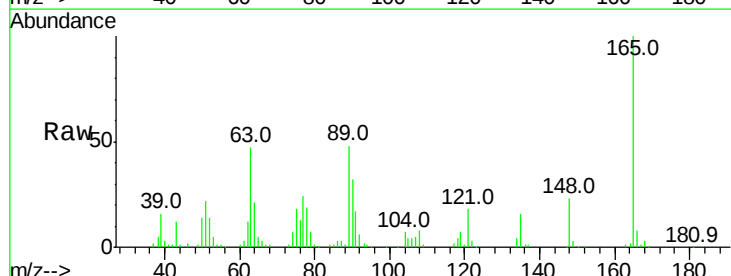
Instrument :
BNA_F
ClientSampled :

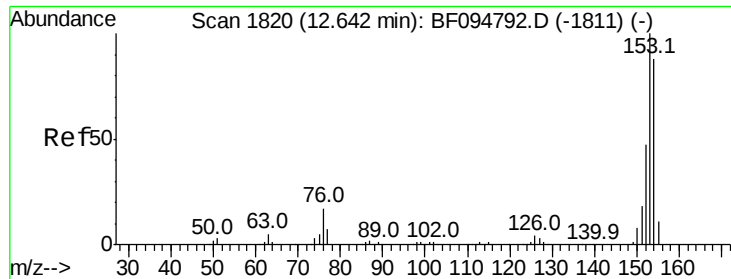
Tot Ion:163 Resp: 642930
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 40.85 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:165 Resp: 137057
Ion Ratio Lower Upper
165 100
63 47.4 34.3 51.5
89 47.6 37.1 55.7





#51

Acenaphthene

Concen: 39.53 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

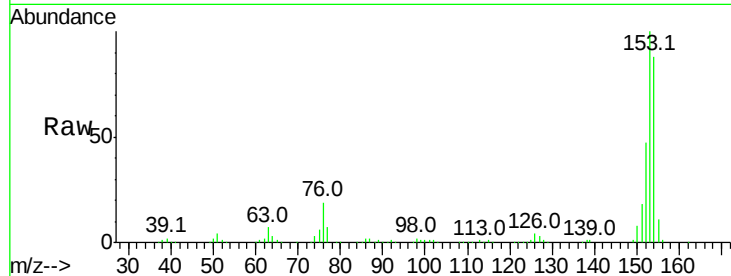
Tot Ion:154 Resp: 503681

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

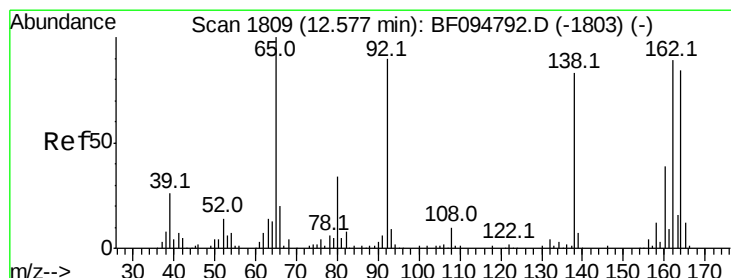
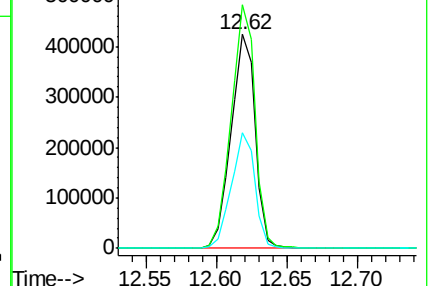
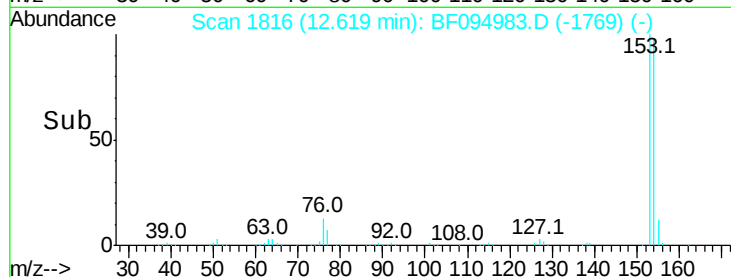
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.55 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

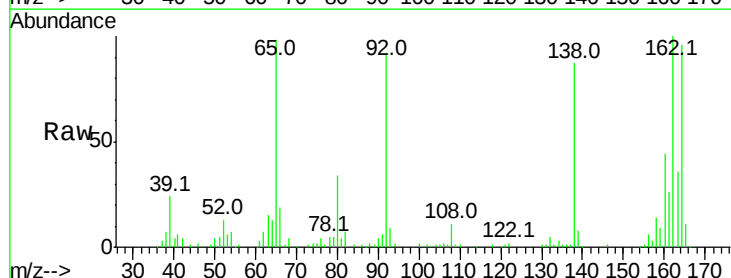
Tgt Ion:138 Resp: 153227

Ion Ratio Lower Upper

138 100

108 12.5 9.1 13.7

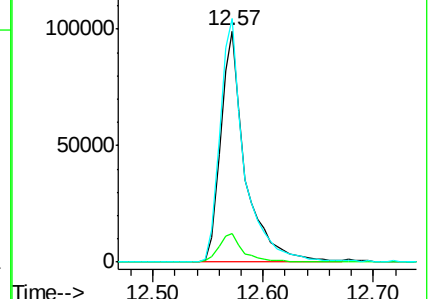
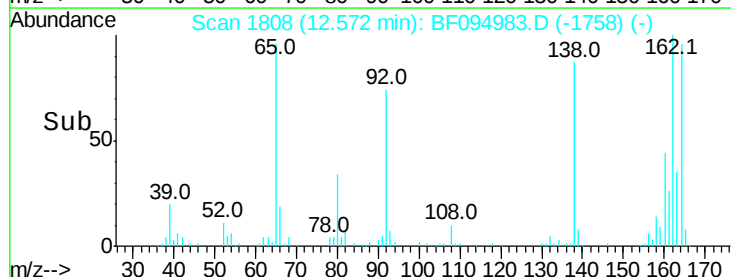
92 105.5 93.8 140.6

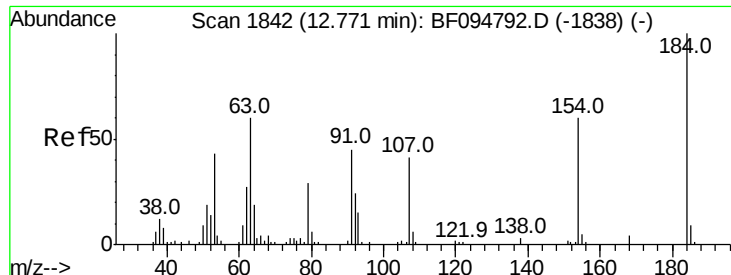


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

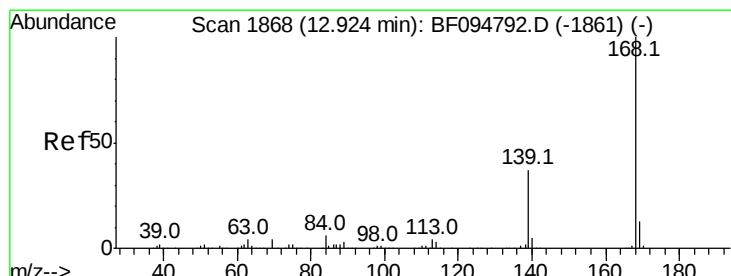
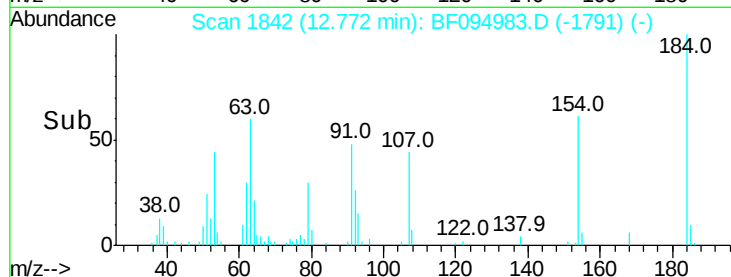
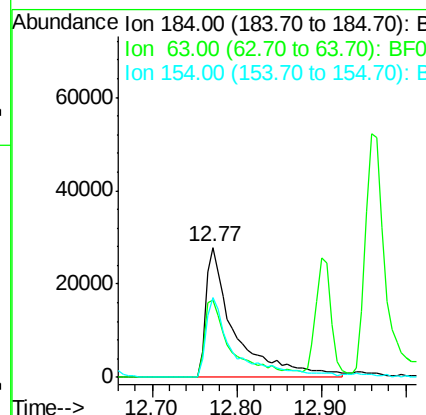
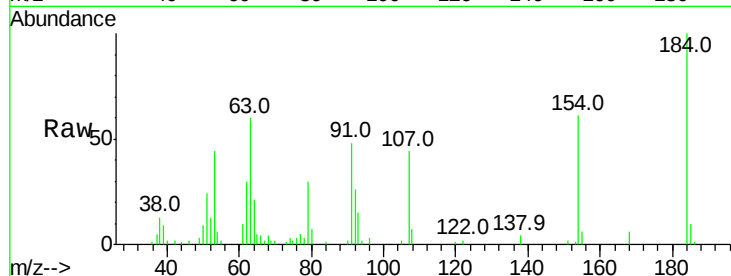




#53
 2,4-Dinitrophenol
 Concen: 39.09 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

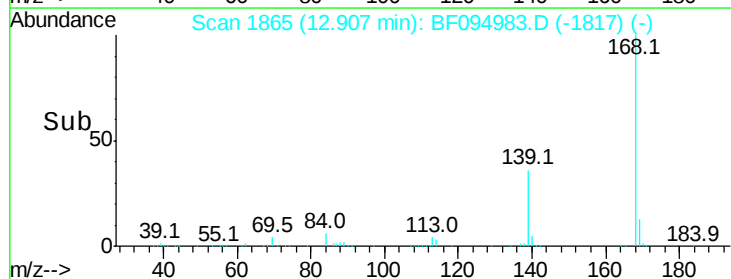
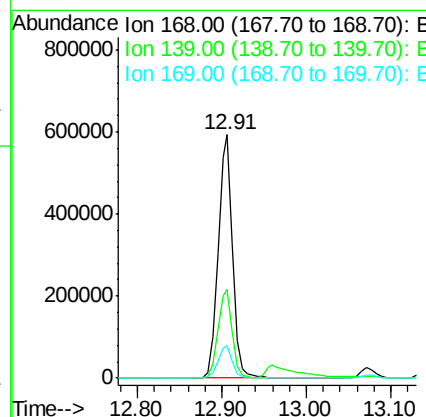
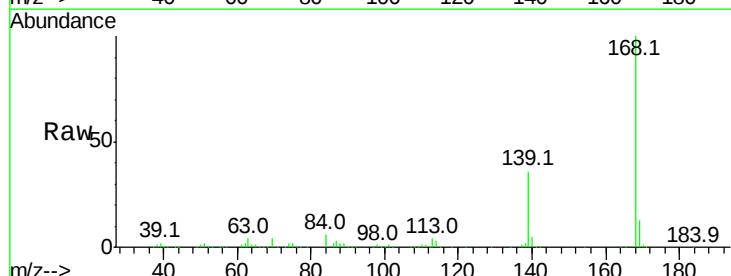
Instrument :
 BNA_F
 ClientSampleId :

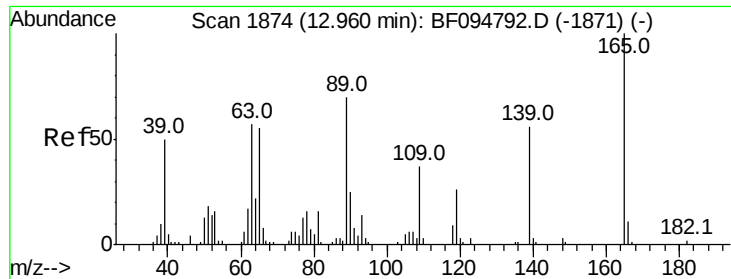
Tot Ion:184 Resp: 65825
 Ion Ratio Lower Upper
 184 100
 63 59.8 62.7 94.1#
 154 61.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.69 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion:168 Resp: 717348
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.6 45.8
 169 13.1 10.8 16.2

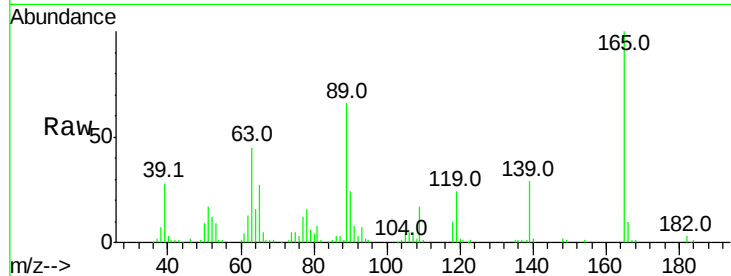




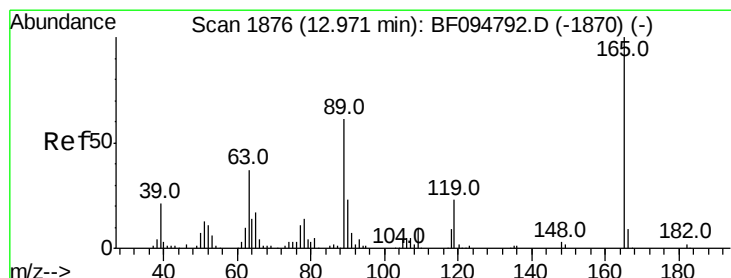
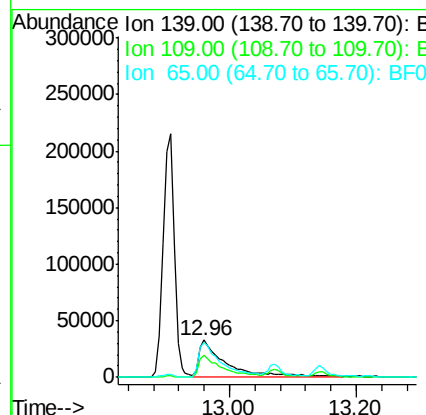
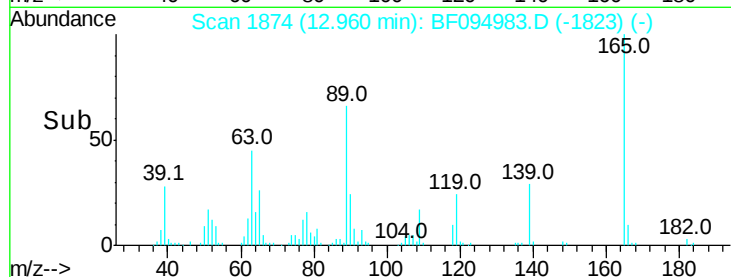
#55
4-Nitrophenol
Concen: 41.97 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 90771
Ion Ratio Lower Upper
139 100
109 59.3 34.1 74.1
65 95.7 31.4 71.4#

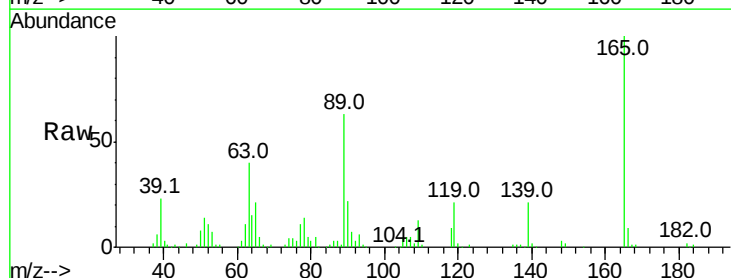


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

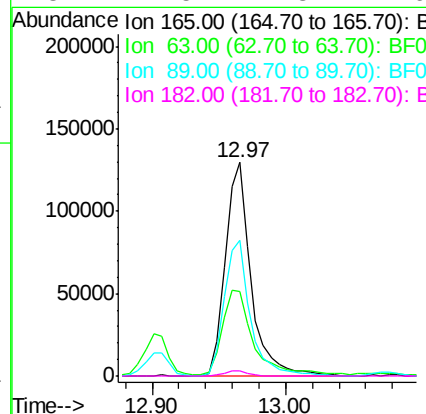
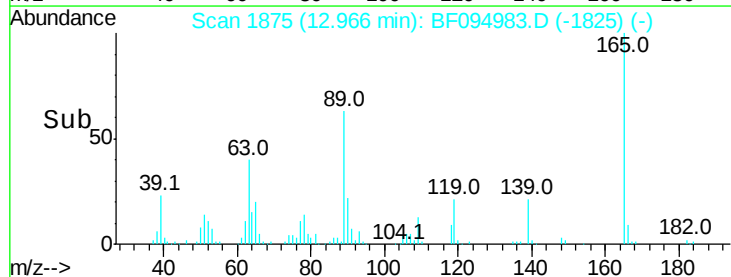


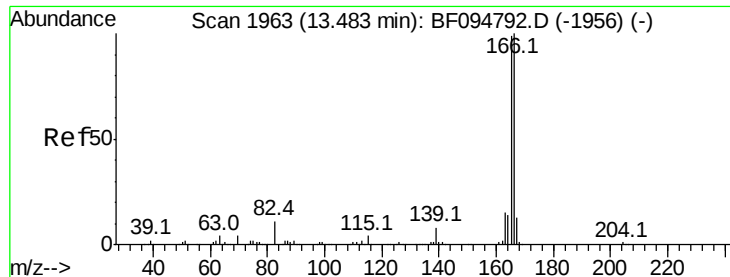
#56
2,4-Dinitrotoluene
Concen: 40.75 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:165 Resp: 175654
Ion Ratio Lower Upper
165 100
63 39.6 25.4 38.0#
89 63.4 46.4 69.6
182 2.5 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: 38.71 ng

RT: 13.46 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

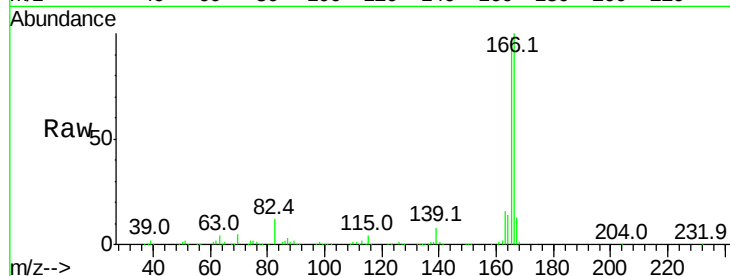
Tot Ion:166 Resp: 593473

Ion Ratio Lower Upper

166 100

165 98.5 78.8 118.2

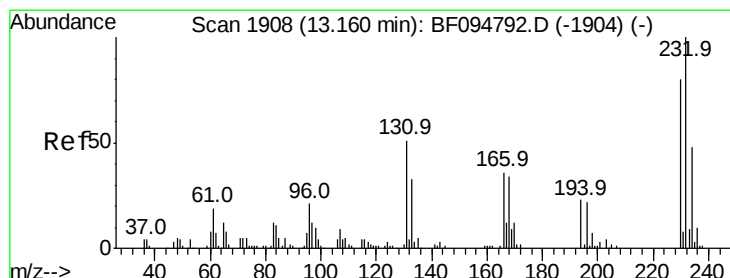
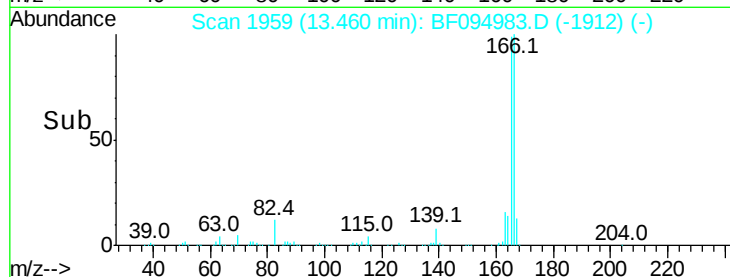
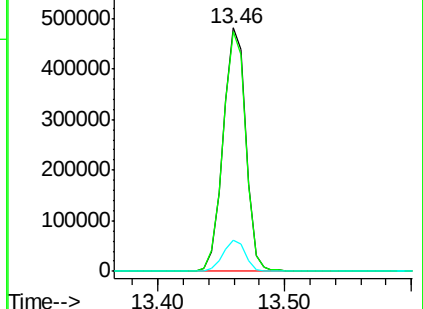
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.17 ng

RT: 13.14 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Tgt Ion:232 Resp: 117337

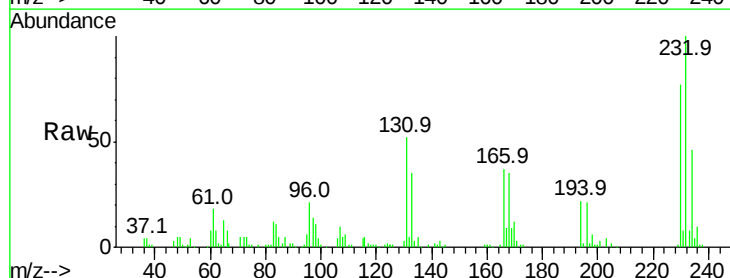
Ion Ratio Lower Upper

232 100

131 49.6 44.8 67.2

130 2.3 2.3 3.5#

166 34.6 29.0 43.4

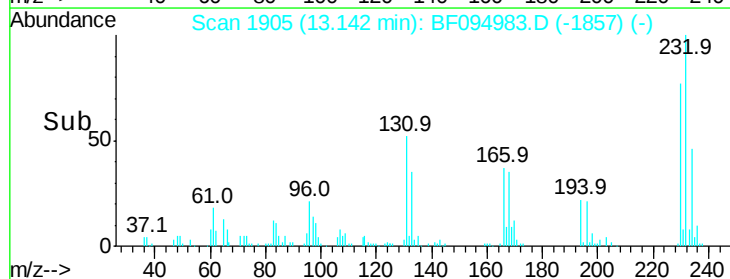
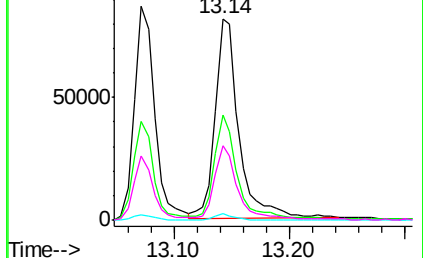


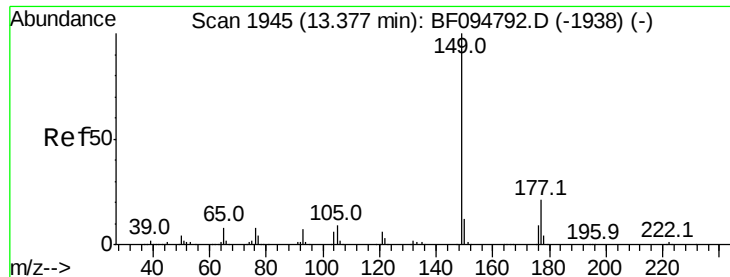
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

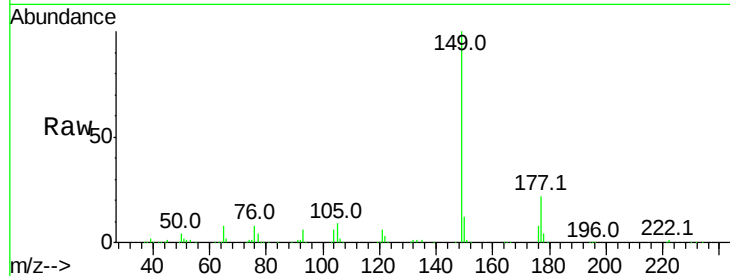




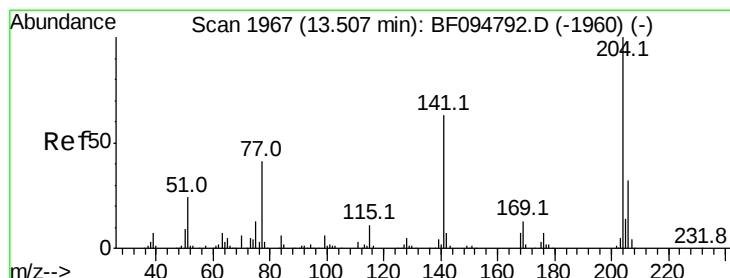
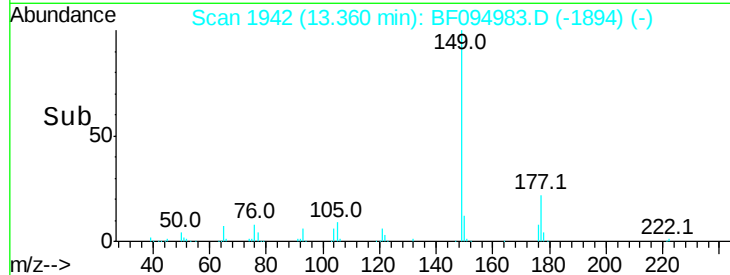
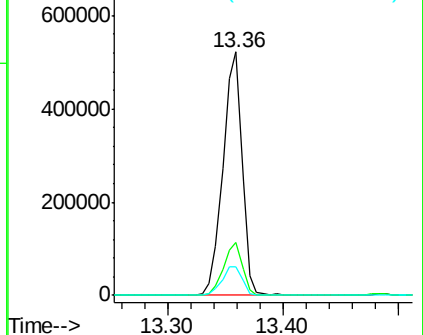
#59
Diethylphthalate
Concen: 38.19 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 602008
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 11.8 10.2 15.2

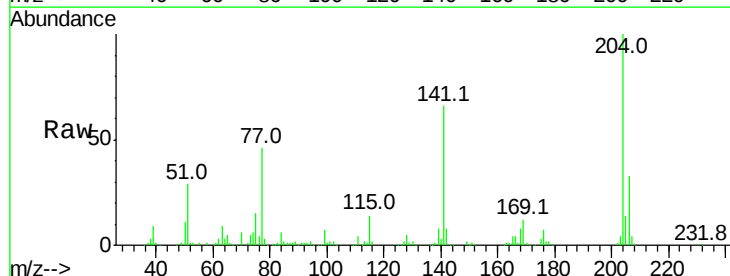


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

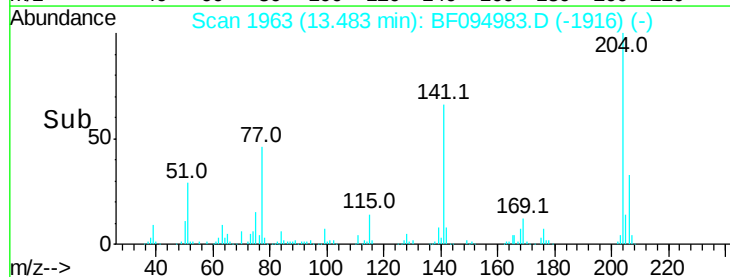
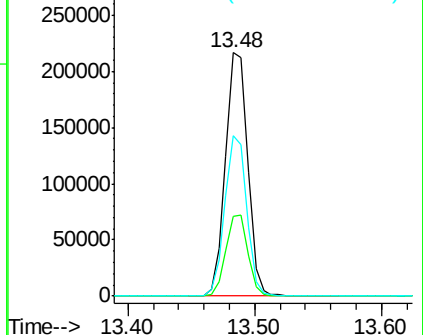


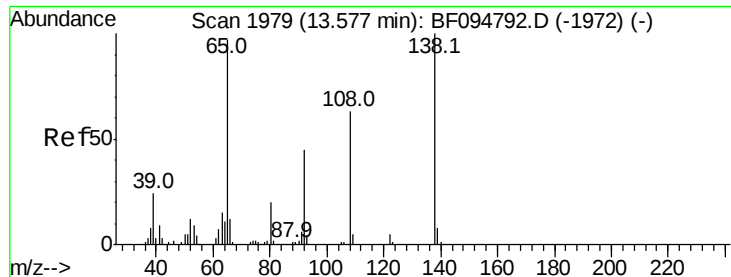
#60
4-Chlorophenyl-phenylether
Concen: 39.08 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:204 Resp: 263326
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 65.9 60.8 91.2



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

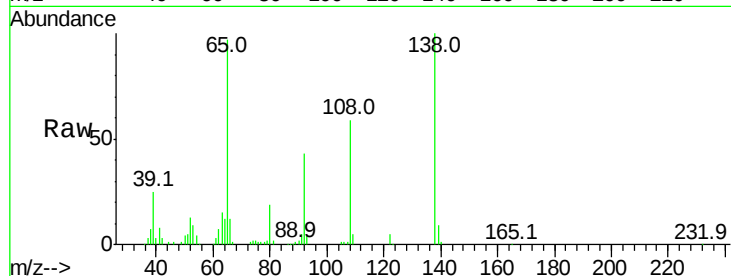




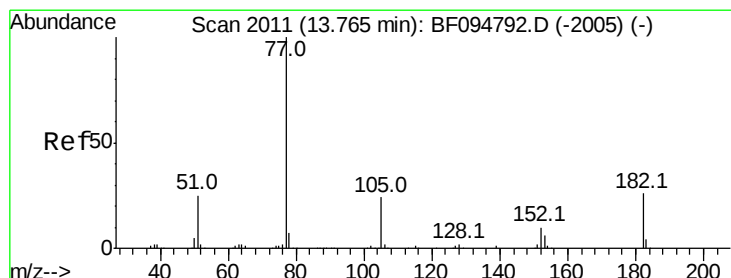
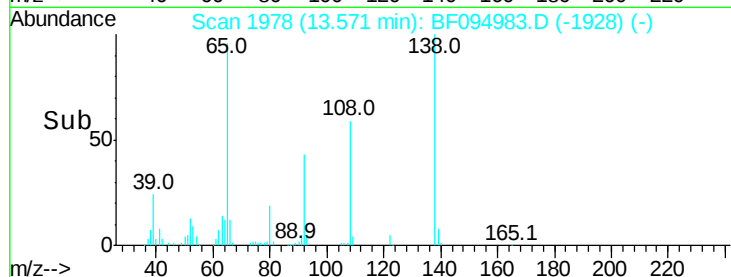
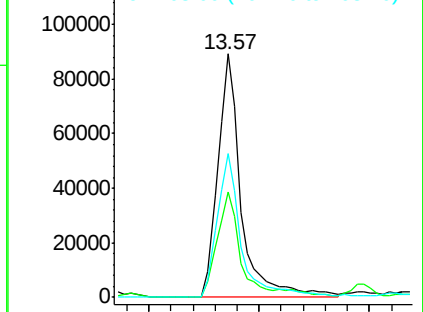
#61
4-Nitroaniline
Concen: 39.77 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 131478
Ion Ratio Lower Upper
138 100
92 43.2 21.8 61.8
108 59.2 42.3 82.3

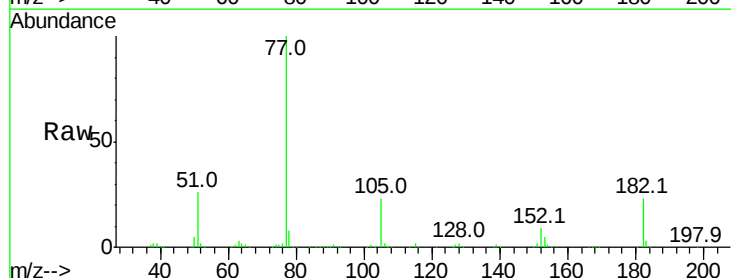


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

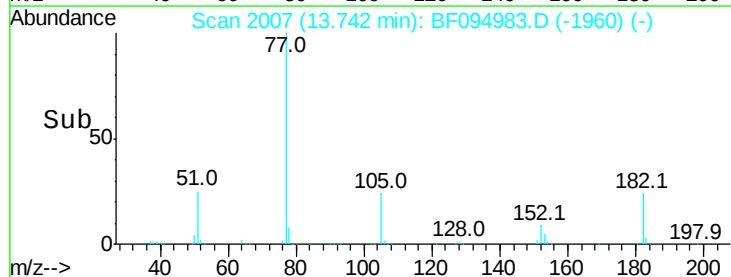
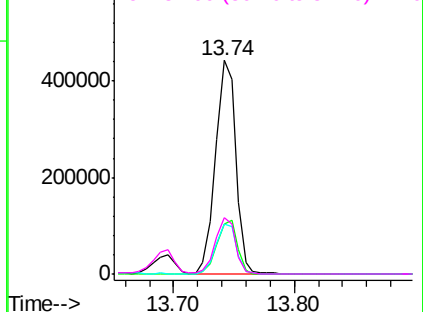


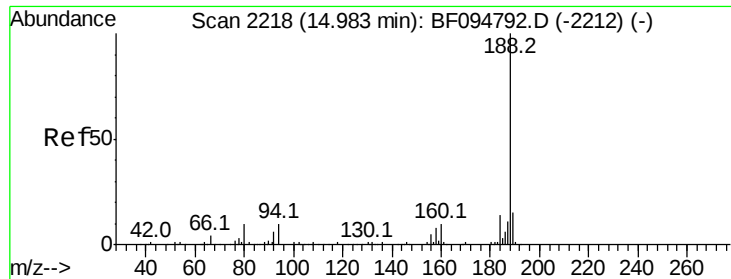
#62
Azobenzene
Concen: 40.22 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 77 Resp: 509468
Ion Ratio Lower Upper
77 100
182 23.4 0.1 40.1
105 23.2 3.6 43.6
51 26.4 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

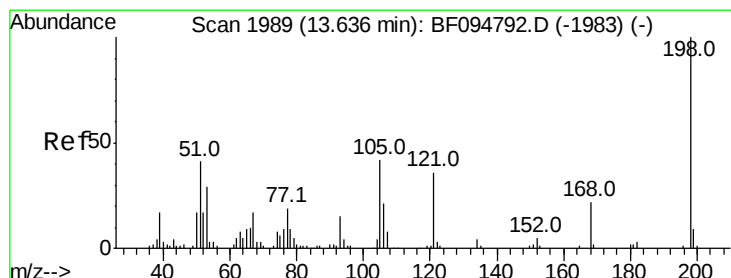
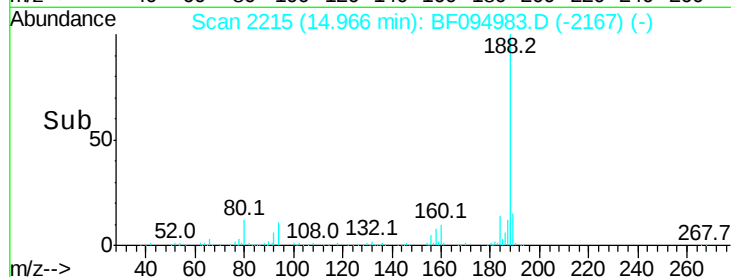
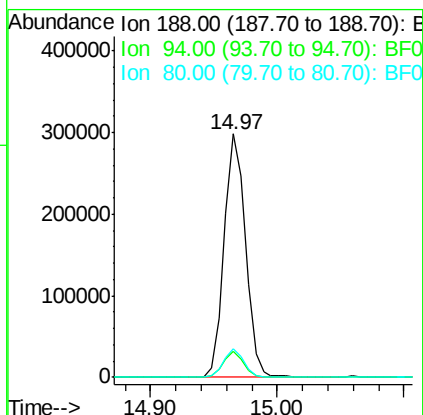
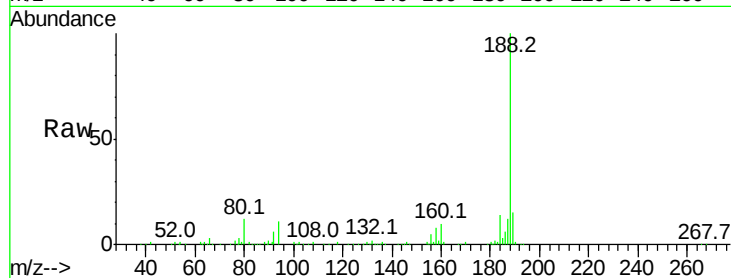




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

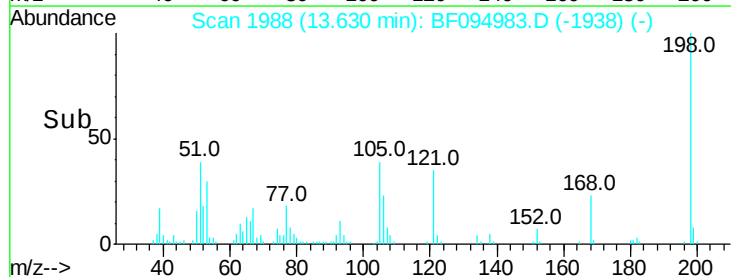
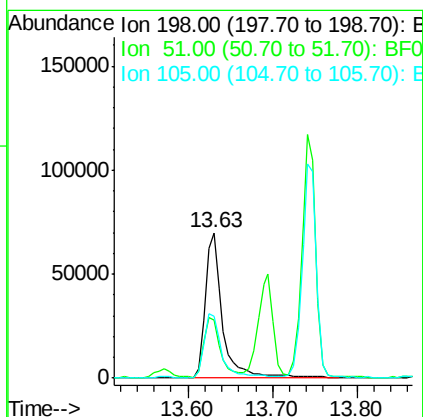
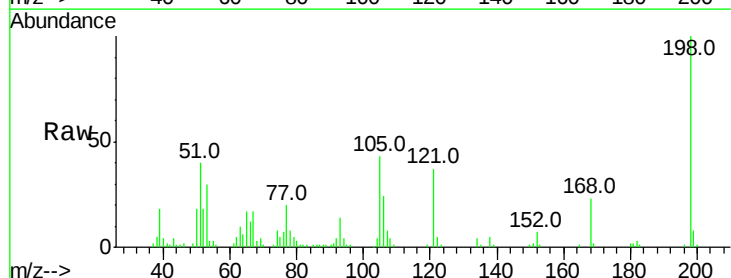
Instrument :
BNA_F
ClientSampleId :

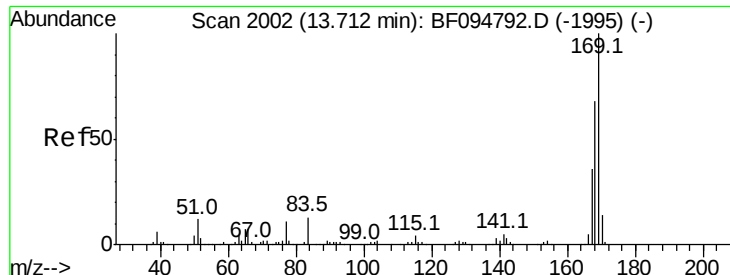
Tot Ion:188 Resp: 350728
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.04 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:198 Resp: 98853
Ion Ratio Lower Upper
198 100
51 40.2 53.2 93.2#
105 42.6 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 39.23 ng

RT: 13.70 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

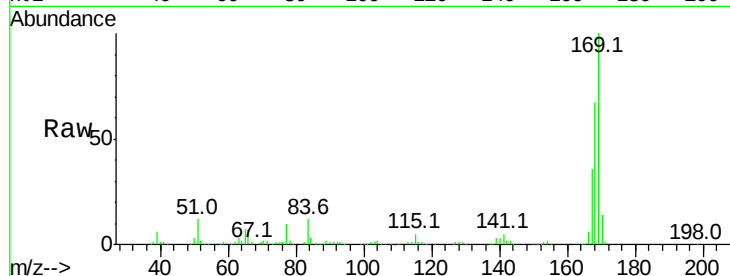
Tot Ion:169 Resp: 499358

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

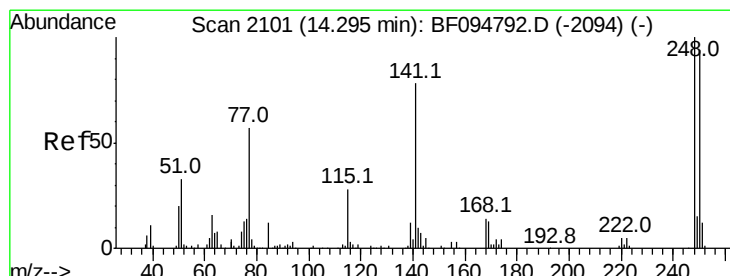
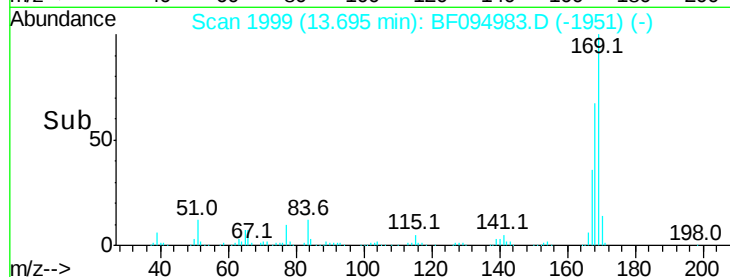
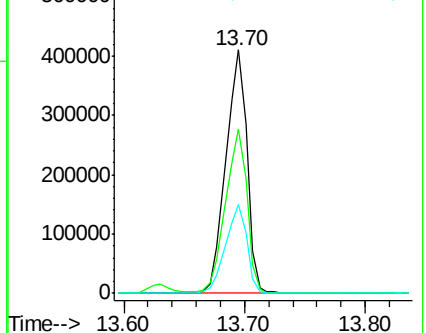
167 36.3 29.5 44.3



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: 39.83 ng

RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

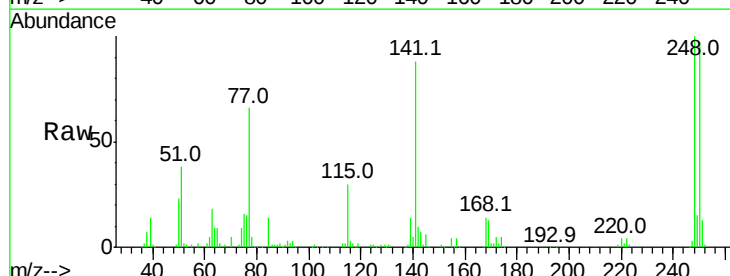
Tgt Ion:248 Resp: 147572

Ion Ratio Lower Upper

248 100

250 96.8 76.8 115.2

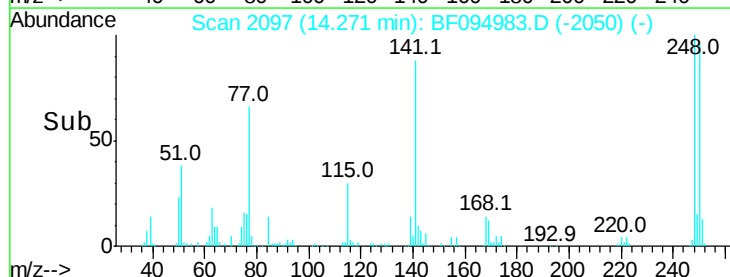
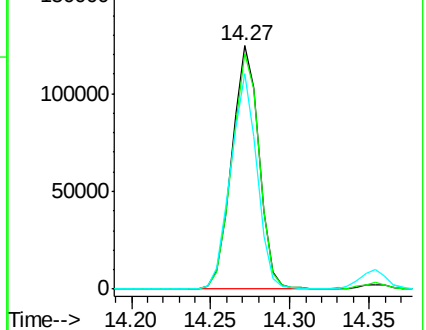
141 88.3 68.6 103.0

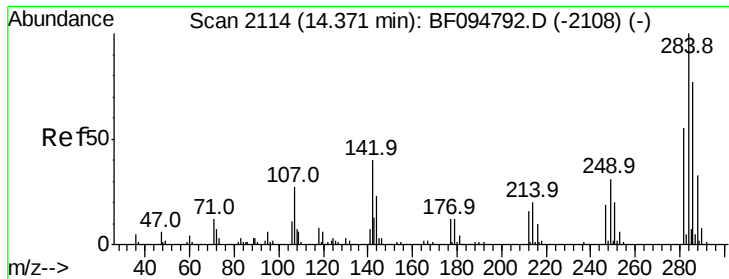


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

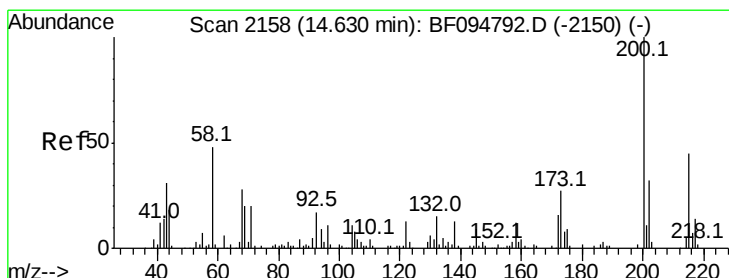
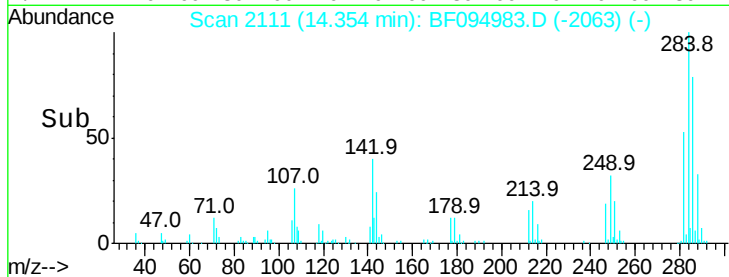
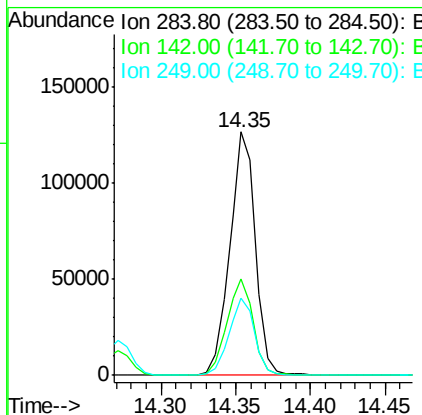
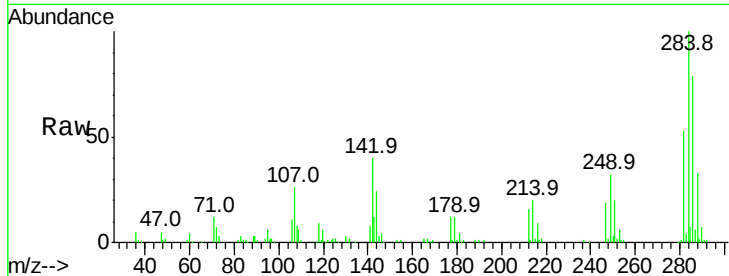




#67
Hexachlorobenzene
Concen: 40.09 ng
RT: 14.35 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

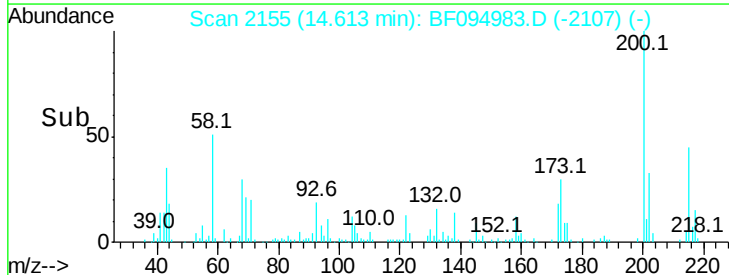
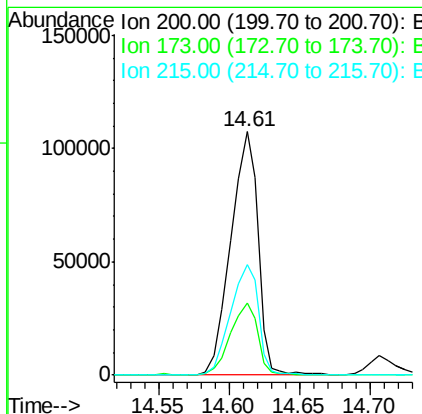
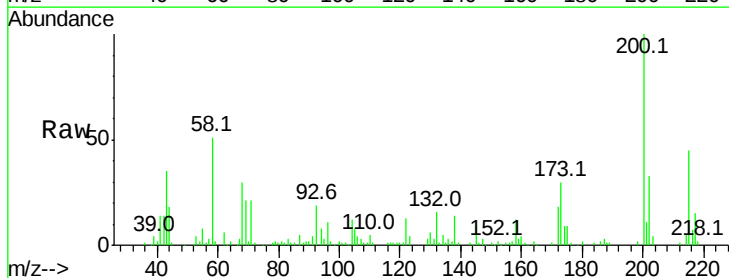
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 152254
Ion Ratio Lower Upper
284 100
142 39.7 22.8 34.2#
249 32.0 24.0 36.0



#68
Atrazine
Concen: 40.13 ng
RT: 14.61 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:200 Resp: 144230
Ion Ratio Lower Upper
200 100
173 29.5 6.3 46.3
215 45.3 27.2 67.2

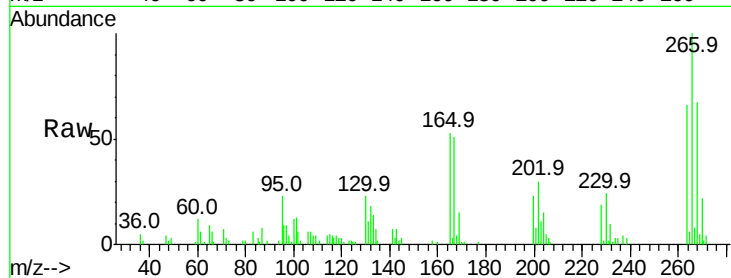




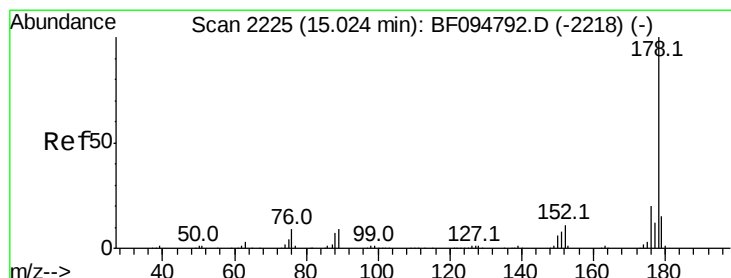
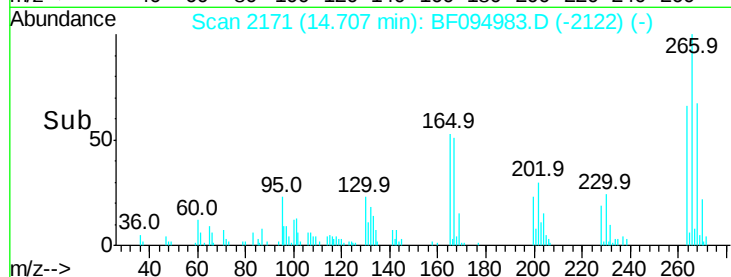
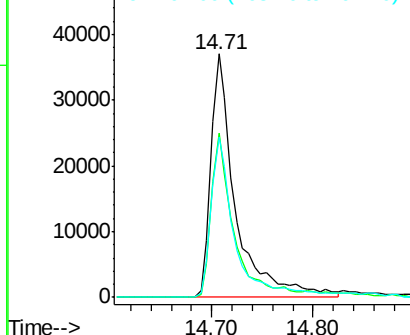
#69
 Pentachlorophenol
 Concen: 39.67 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 62631
 Ion Ratio Lower Upper
 266 100
 268 67.4 51.1 76.7
 264 66.1 51.7 77.5

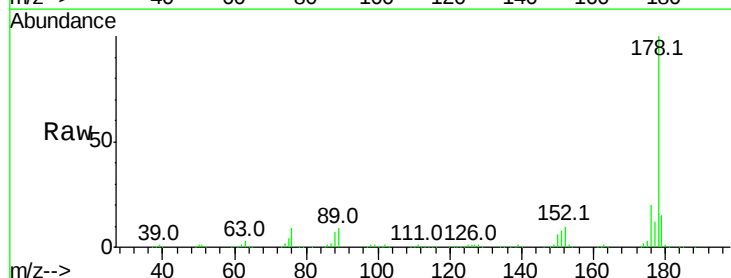


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

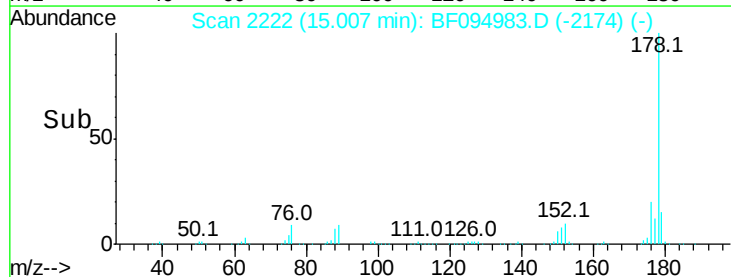
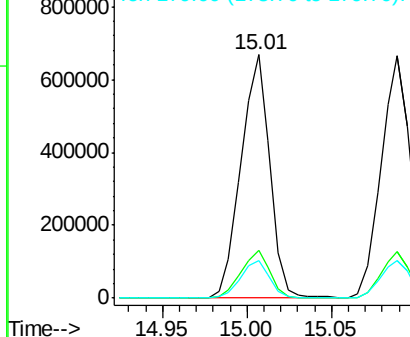


#70
 Phenanthrene
 Concen: 39.53 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion:178 Resp: 796587
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.5 12.6 19.0



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

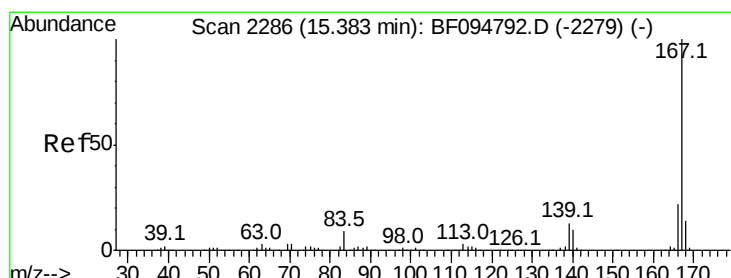
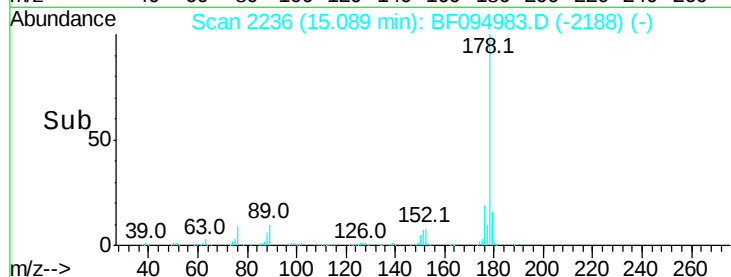
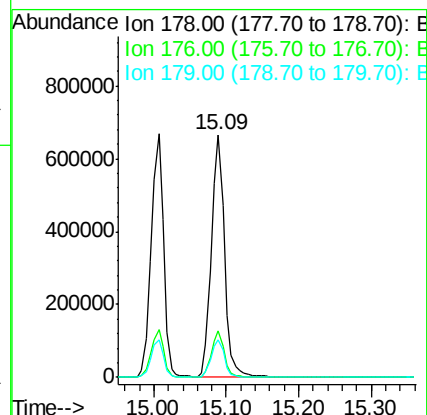
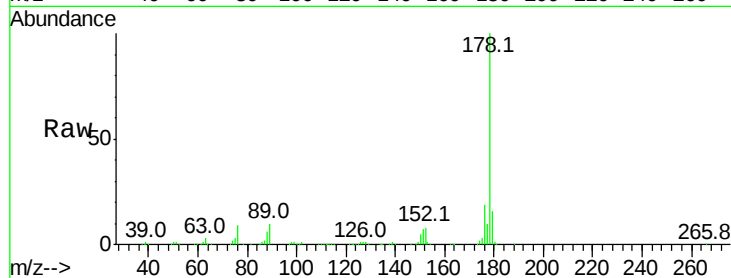




#71
 Anthracene
 Concen: 40.95 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

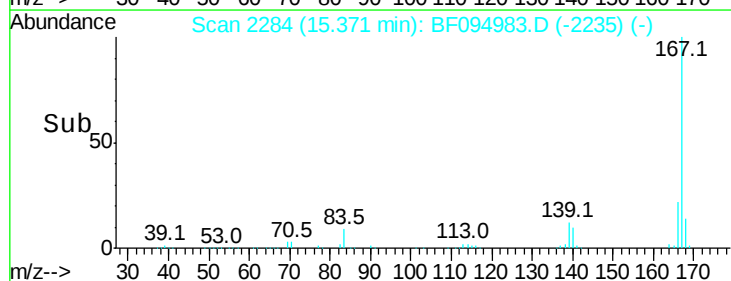
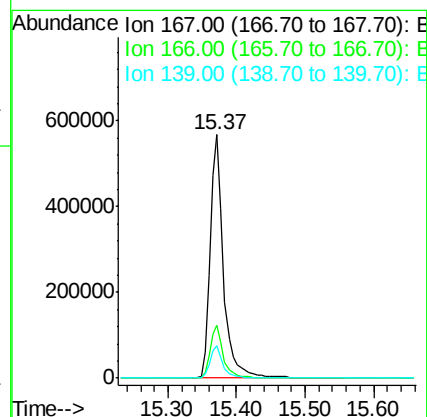
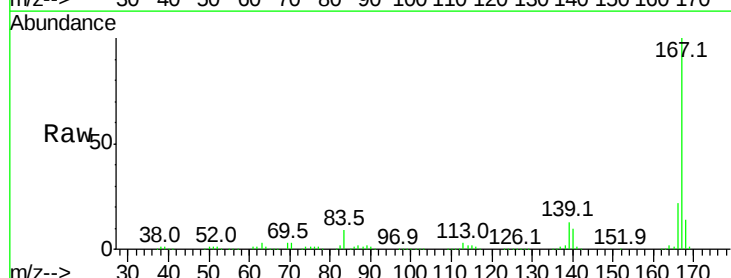
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 842867
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 41.48 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion:167 Resp: 776834
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.4 11.7 17.5

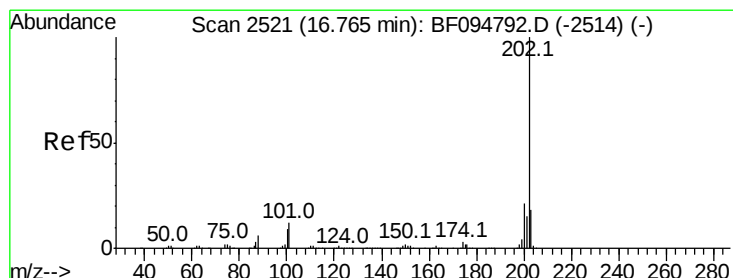
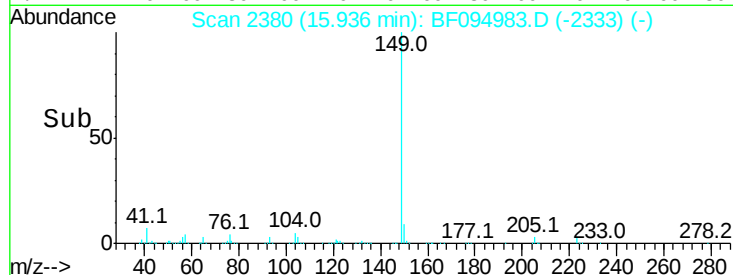
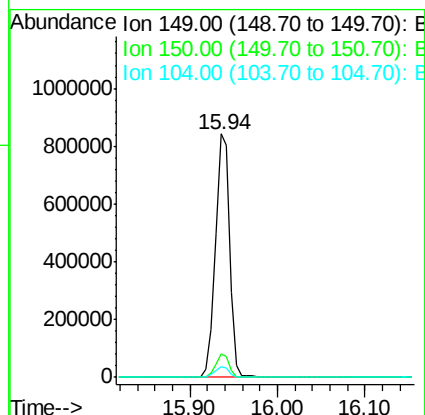
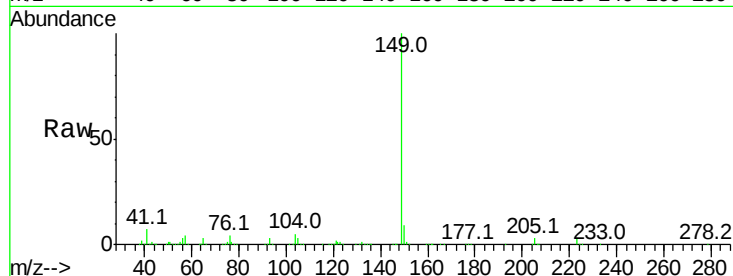




#73
Di-n-butylphthalate
Concen: 41.18 ng
RT: 15.94 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

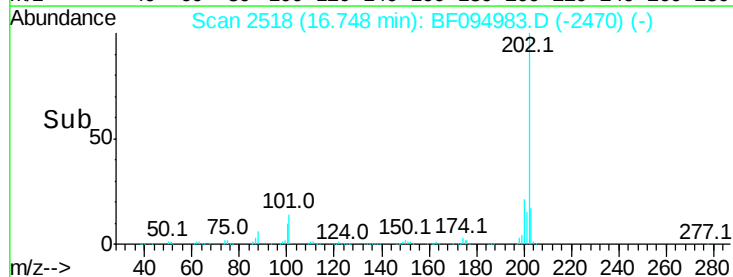
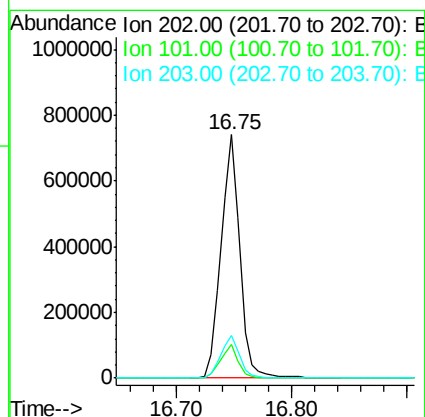
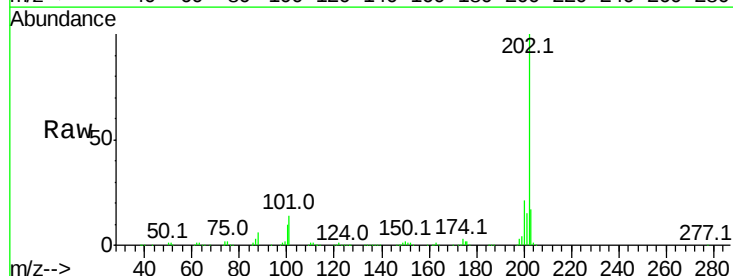
Instrument :
BNA_F
ClientSampleID :

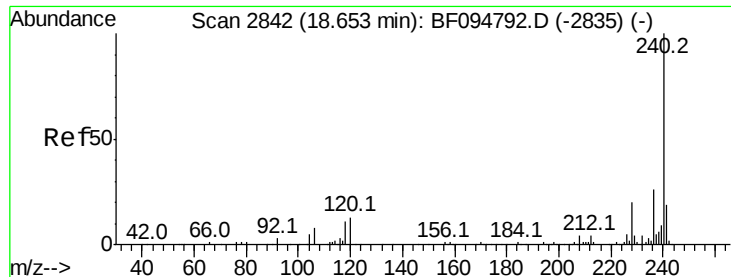
Tot Ion:149 Resp: 961856
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 40.43 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:202 Resp: 835658
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.2
203 17.5 0.0 38.1

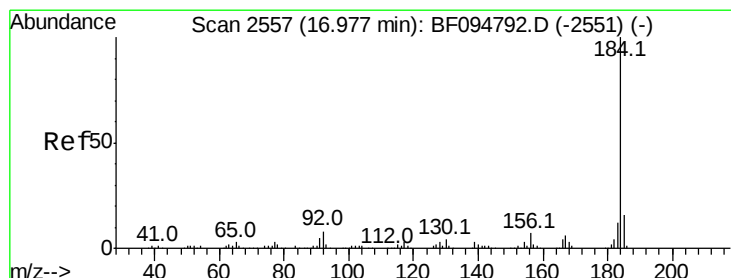
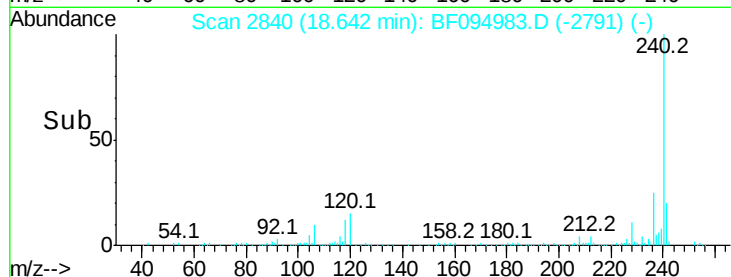
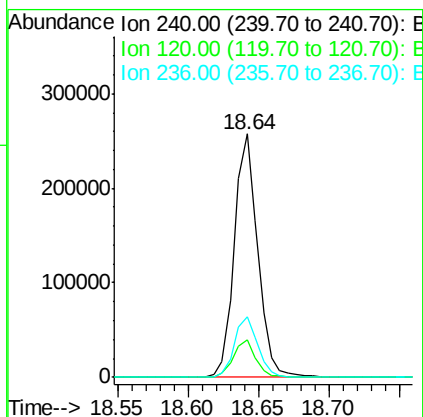
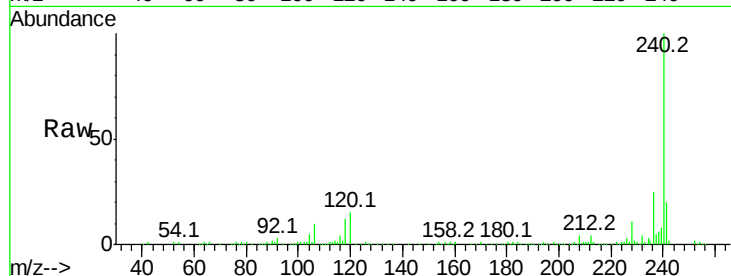




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

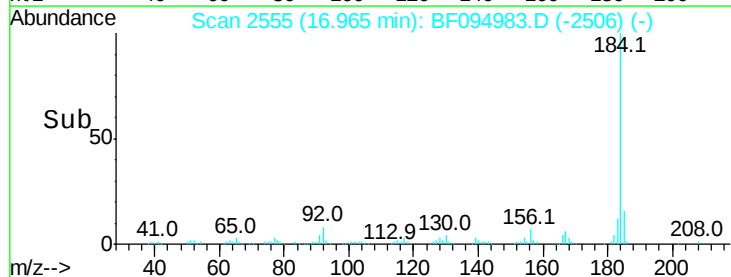
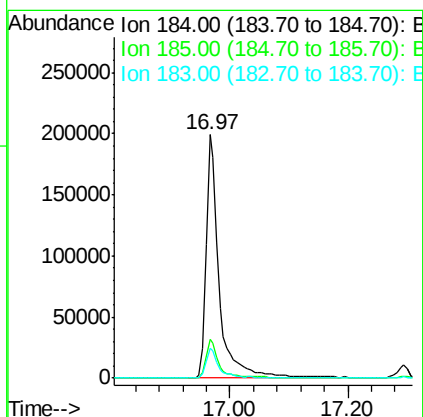
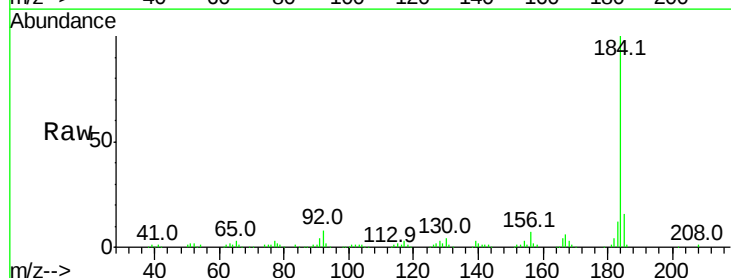
Instrument :
 BNA_F
 ClientSampleId :

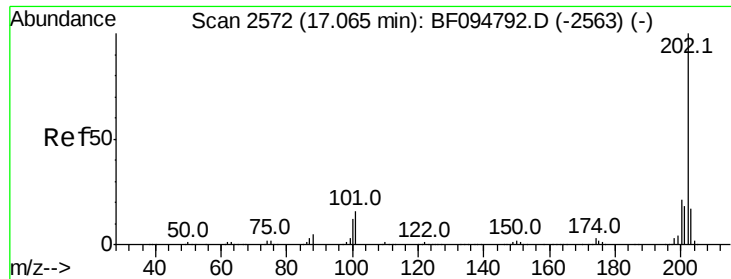
Tot Ion:240 Resp: 297545
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 24.9 20.5 30.7



#76
 Benzidine
 Concen: 39.92 ng
 RT: 16.97 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion:184 Resp: 310865
 Ion Ratio Lower Upper
 184 100
 185 15.9 15.5 23.3
 183 12.3 9.8 14.6

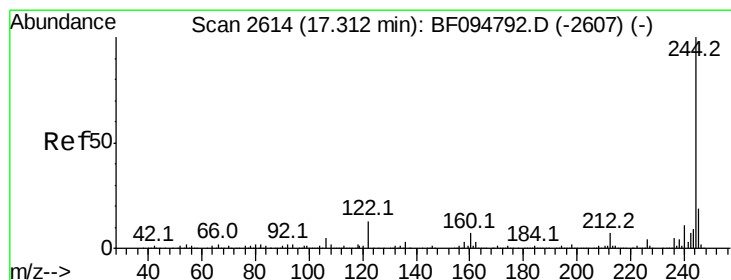
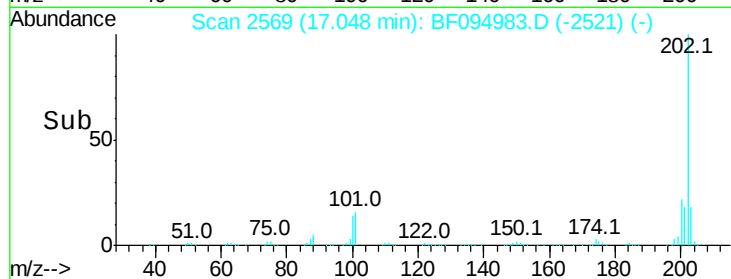
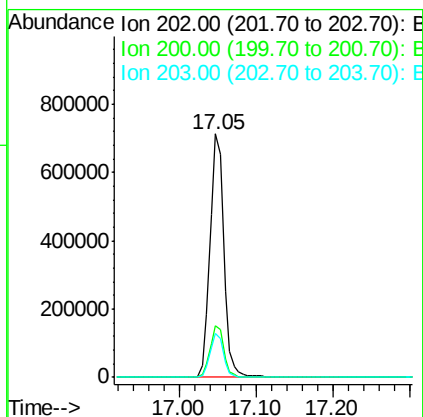
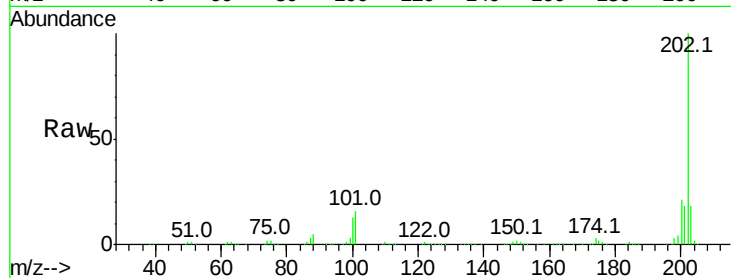




#77
Pvrene
Concen: 39.50 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

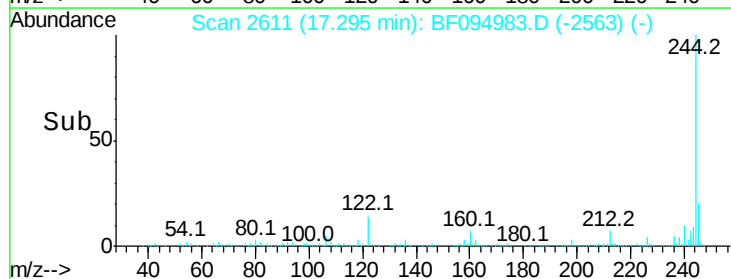
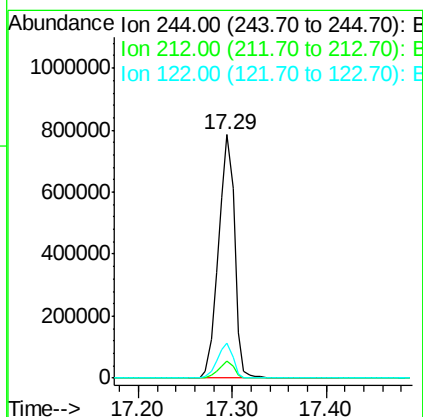
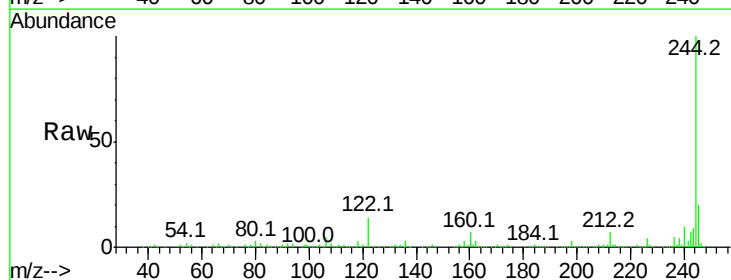
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 878888
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 18.0 14.4 21.6



#78
Terphenyl-d14
Concen: 70.01 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:244 Resp: 945815
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 14.1 10.3 15.5

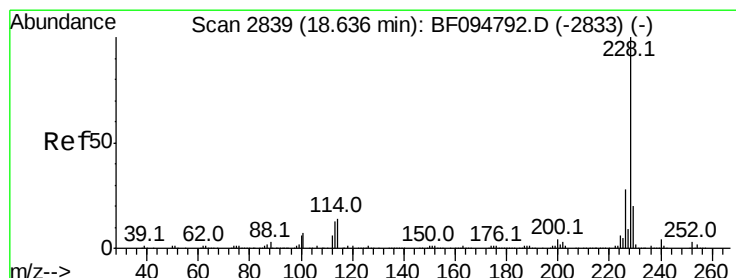
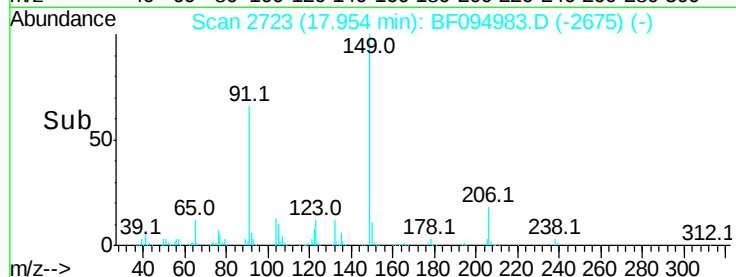
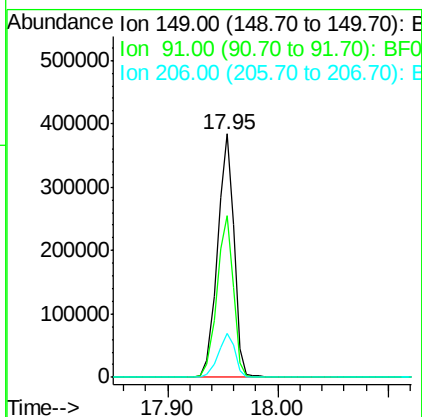
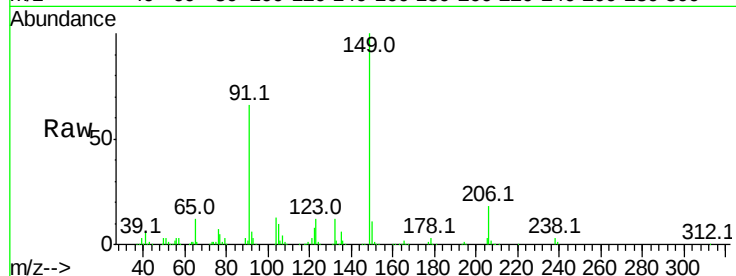




#79
Butylbenzylphthalate
Concen: 38.43 ng
RT: 17.95 min Scan# 2723
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

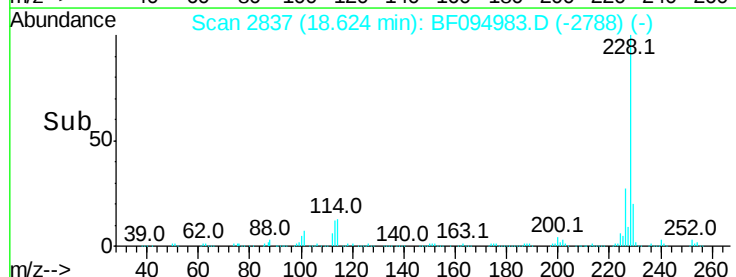
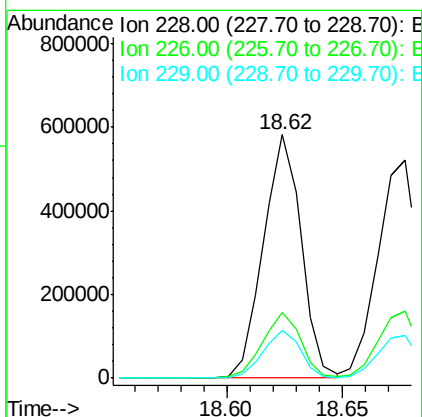
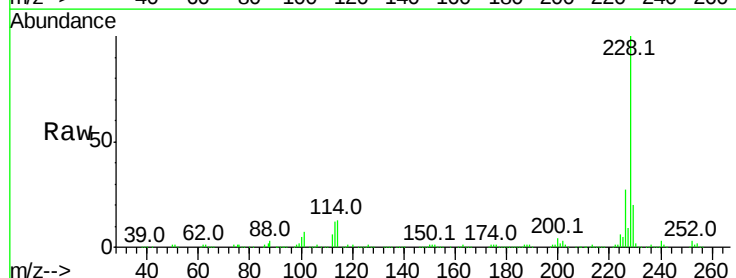
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.3	45.0	67.4
206	18.3	17.0	25.6



#80
Benzo(a)anthracene
Concen: 38.22 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	16.3	24.5

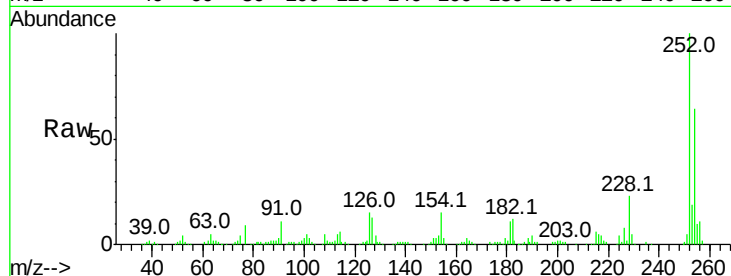




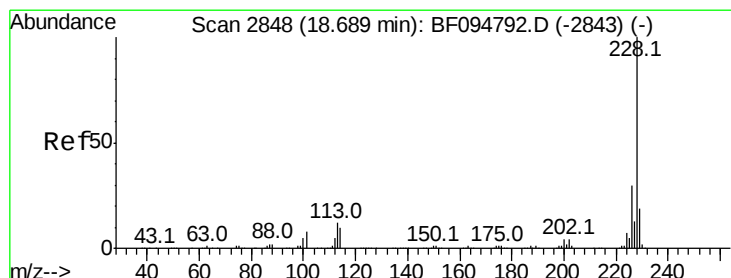
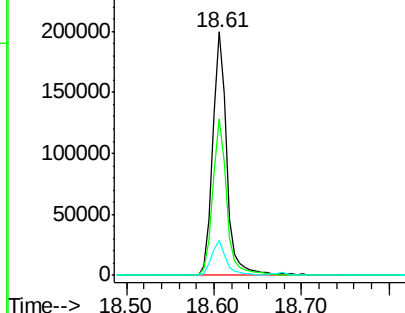
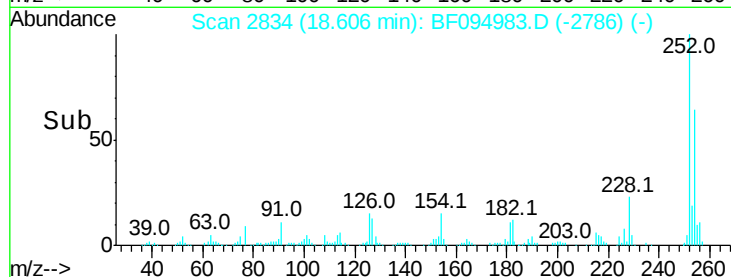
#81
 3,3'-Dichlorobenzidine
 Concen: 37.81 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 226165
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.5 77.3
 126 14.6 15.8 23.8#

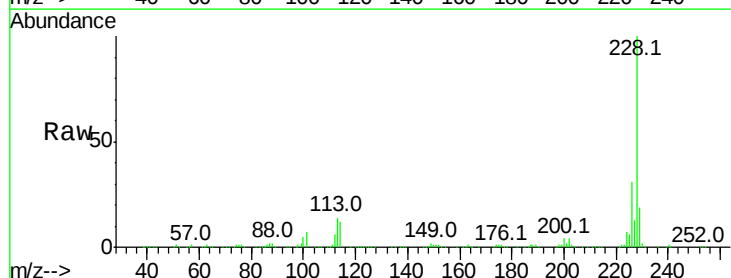


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

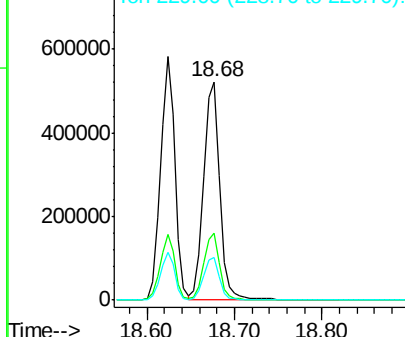
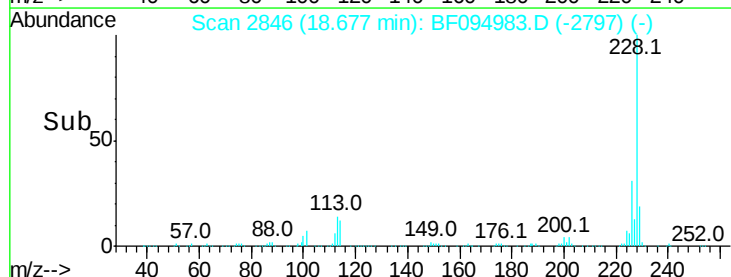


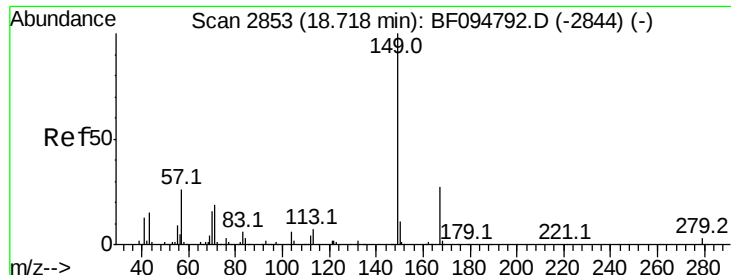
#82
 Chrysene
 Concen: 40.40 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094983.D
 Acq: 8 May 2017 16:43

Tgt Ion:228 Resp: 676497
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 19.4 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: 37.02 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

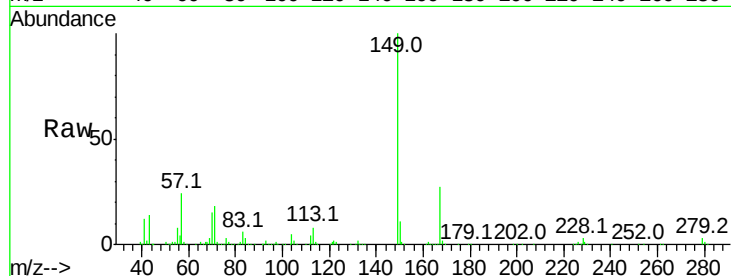
Tot Ion:149 Resp: 545961

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

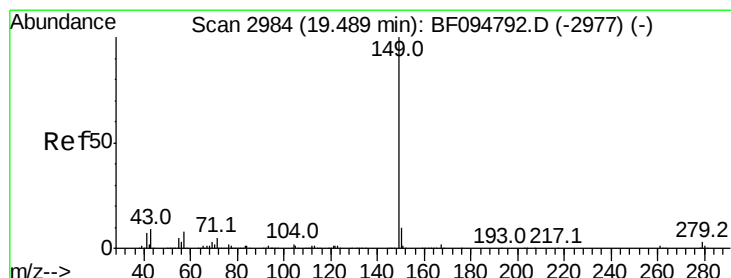
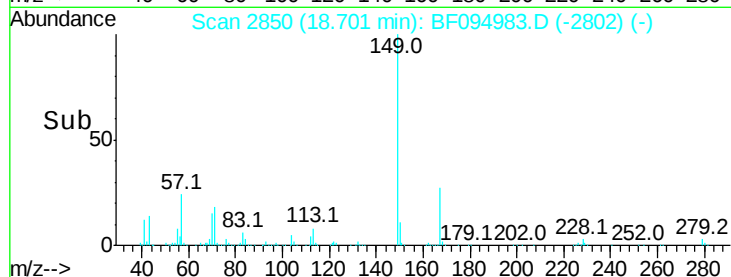
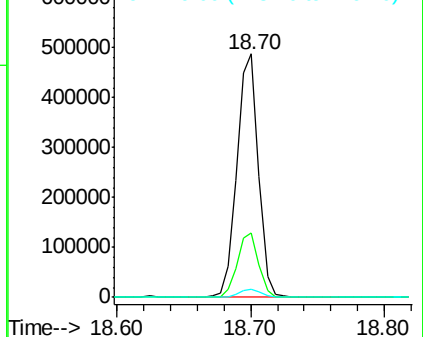
279 3.3 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.84 ng

RT: 19.47 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

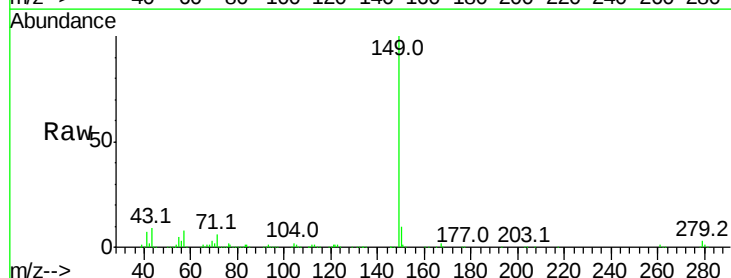
Tgt Ion:149 Resp: 890633

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

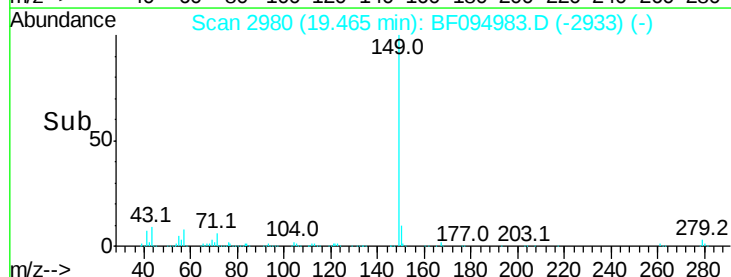
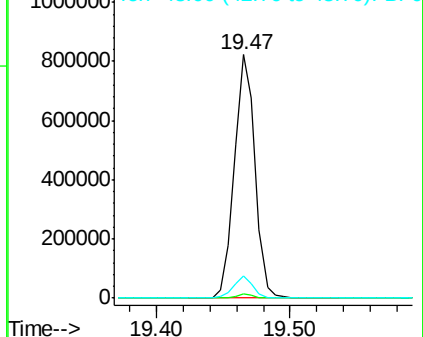
43 8.6 8.5 12.7

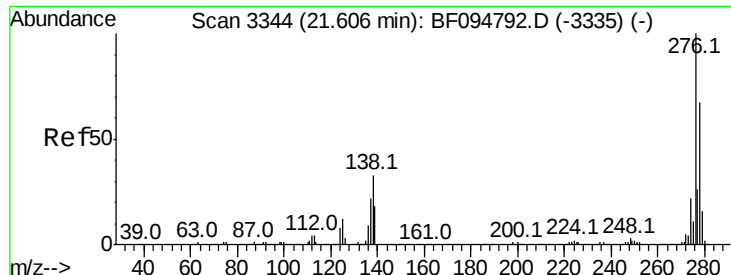


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

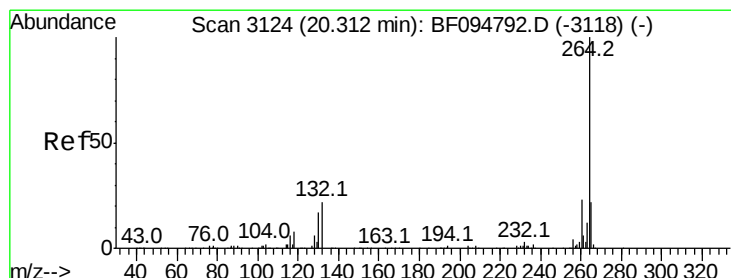
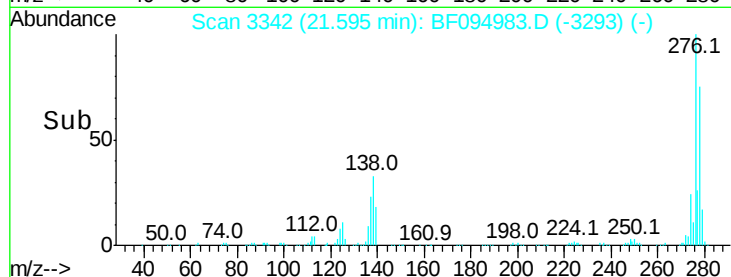
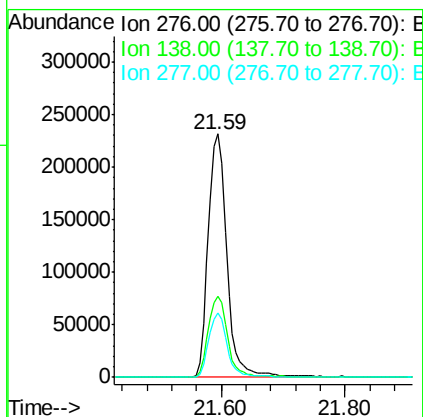
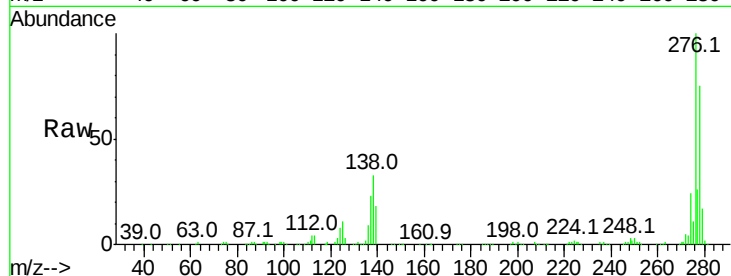




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.56 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

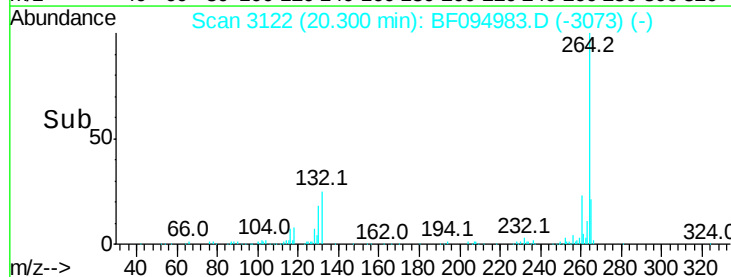
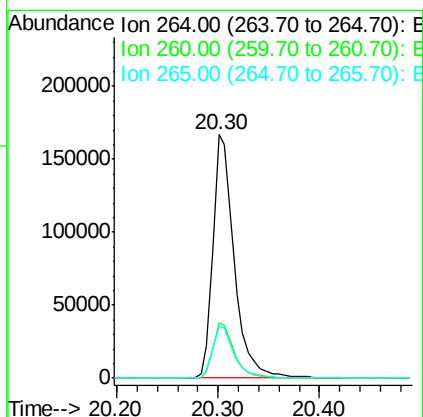
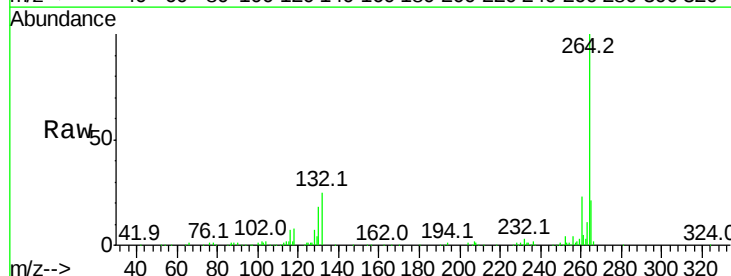
Instrument :
BNA_F
ClientSampleId :

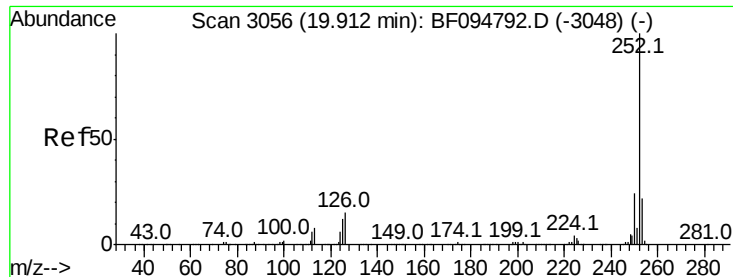
Tot Ion:276 Resp: 483604
Ion Ratio Lower Upper
276 100
138 34.5 27.8 41.6
277 26.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:264 Resp: 243682
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.1 17.2 25.8

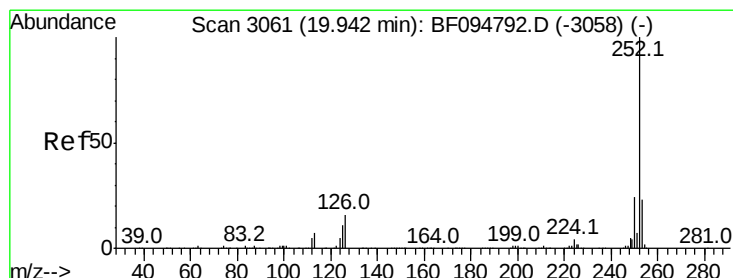
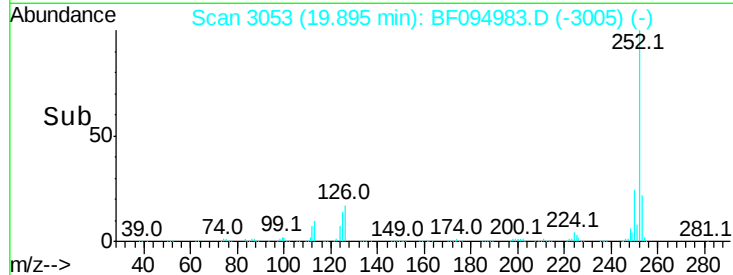
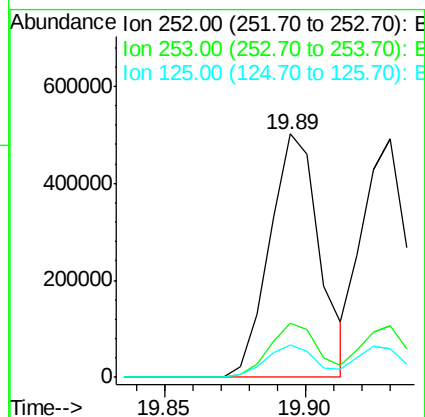
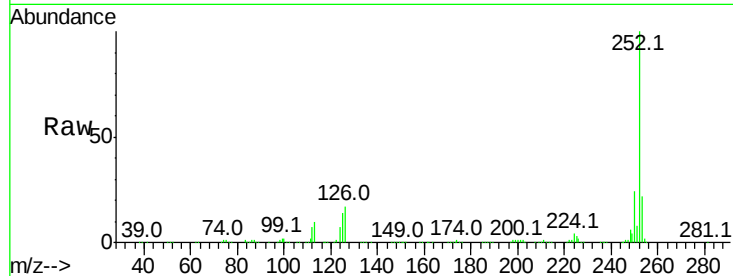




#87
Benzo(b)fluoranthene
Concen: 41.03 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

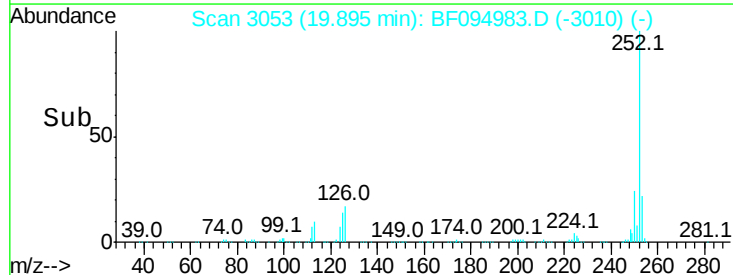
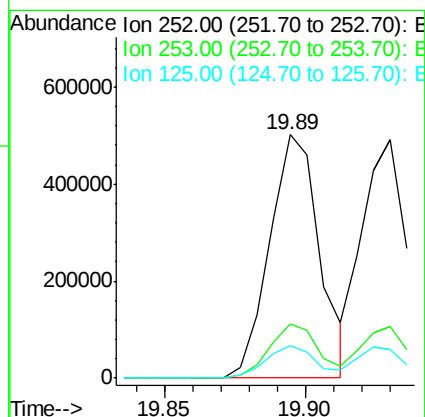
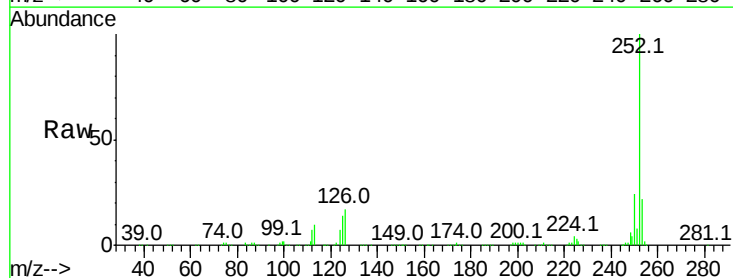
Instrument :
BNA_F
ClientSampleId :

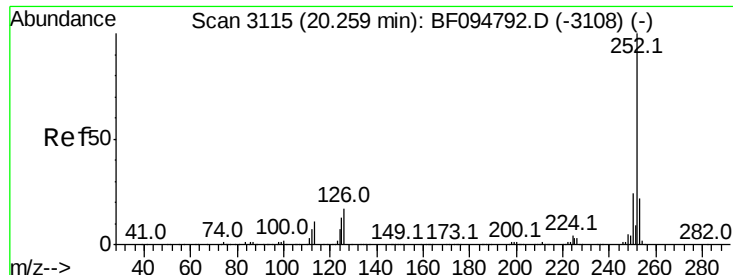
Tot Ion:252 Resp: 617828
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 13.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 42.54 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.05 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:252 Resp: 617828
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 13.5 13.1 19.7





#89

Benzo(a)pyrene

Concen: 40.60 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

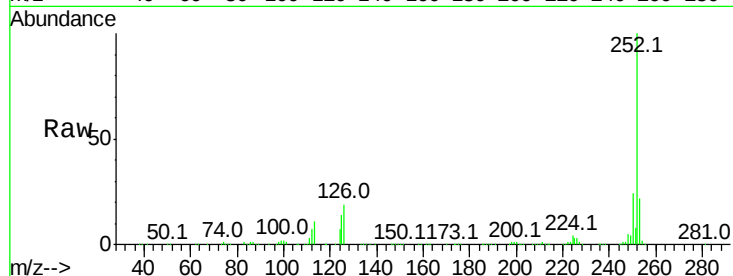
Tot Ion:252 Resp: 564095

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

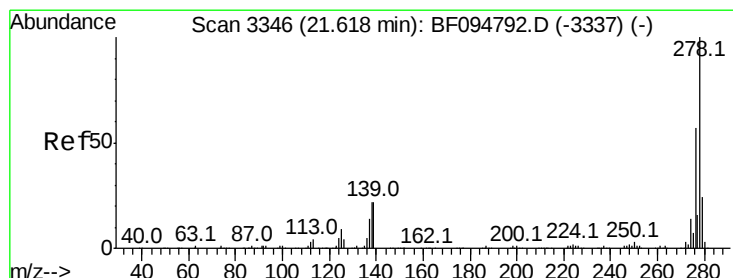
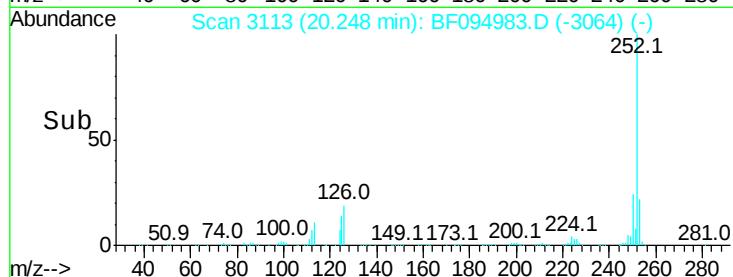
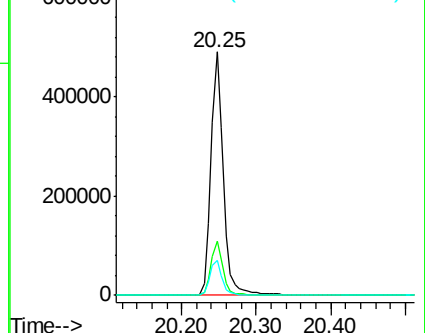
125 14.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.07 ng

RT: 21.60 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

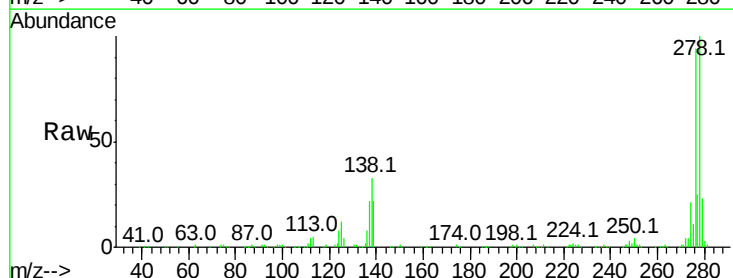
Tgt Ion:278 Resp: 425341

Ion Ratio Lower Upper

278 100

139 21.5 16.6 24.8

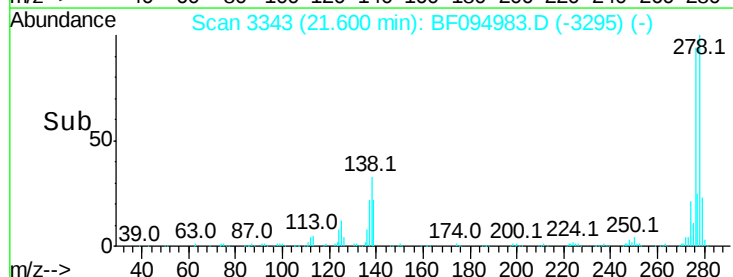
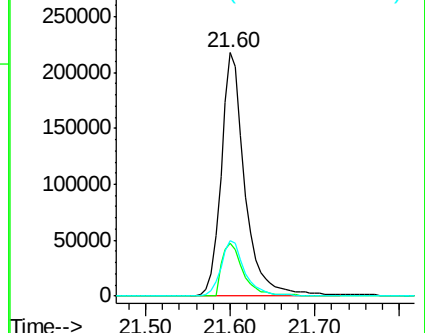
279 22.7 19.3 28.9

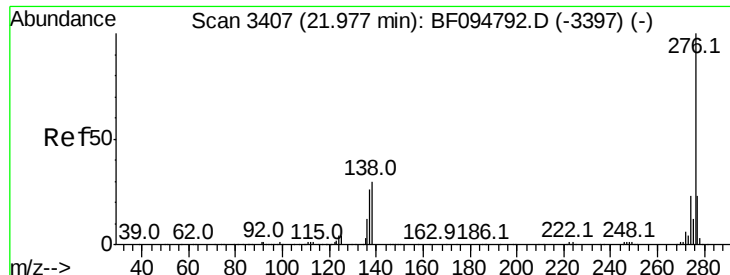


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.00 ng

RT: 21.97 min Scan# 3406

Delta R.T. -0.01 min

Lab File: BF094983.D

Acq: 8 May 2017 16:43

Instrument :

BNA_F

ClientSampleId :

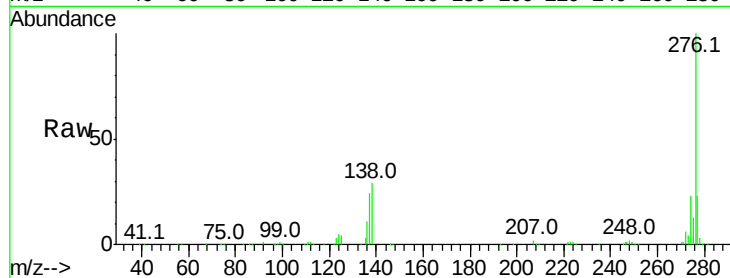
Tot Ion: 276 Resp: 405331

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 28.7 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

