

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095271.D
 Acq On : 19 May 2017 19:30
 Operator : SJ/MA
 Sample : I3203-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:29:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	84482	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	344959	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	164589	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	300663	20.00	ng	0.00
75) Chrysene-d12	18.69	240	202320	20.00	ng	0.00
86) Perylene-d12	20.36	264	159472	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	790822	156.06	ng	0.00
7) Phenol-d6	7.31	99	952129	156.60	ng	0.00
23) Nitrobenzene-d5	8.67	82	570806	104.34	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	215176	159.63	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	979327	85.64	ng	0.00
78) Terphenyl-d14	17.34	244	908183	98.87	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	83788	33.72	ng	95
3) Pyridine	2.95	79	206107	35.78	ng	94
4) n-Nitrosodimethylamine	2.87	42	93338	38.88	ng	85
6) Aniline	7.27	93	372464	48.53	ng	97
8) 2-Chlorophenol	7.45	128	298432	51.74	ng	96
9) Benzaldehyde	7.10	77	90464	24.37	ng	99
10) Phenol	7.33	94	319807	49.92	ng	89
11) bis(2-Chloroethyl)ether	7.40	93	281268	53.18	ng	96
12) 1,3-Dichlorobenzene	7.67	146	305436	46.68	ng	97
13) 1,4-Dichlorobenzene	7.79	146	315128	47.50	ng	96
14) 1,2-Dichlorobenzene	8.02	146	302197	48.80	ng	96
15) Benzyl Alcohol	8.05	79	236734	60.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	353667	47.24	ng	84
17) 2-Methylphenol	8.26	107	239814	50.81	ng	95
18) Hexachloroethane	8.54	117	101315	45.08	ng	# 86
19) n-Nitroso-di-n-propylamine	8.47	70	211086	51.33	ng	96
20) 3+4-Methylphenols	8.52	107	323633	50.46	ng	# 57
22) Acetophenone	8.44	105	419207	50.65	ng	# 84
24) Nitrobenzene	8.70	77	288234	50.27	ng	94
25) Isophorone	9.10	82	548608	56.16	ng	# 93
26) 2-Nitrophenol	9.20	139	168591	54.49	ng	97
27) 2,4-Dimethylphenol	9.34	122	276164	55.21	ng	99
28) bis(2-Chloroethoxy)methane	9.46	93	357487	52.90	ng	99
29) 2,4-Dichlorophenol	9.62	162	252353	53.43	ng	97
30) 1,2,4-Trichlorobenzene	9.71	180	250971	49.60	ng	98
31) Naphthalene	9.81	128	818609	47.22	ng	99
32) Benzoic acid	9.61	122	45226	17.39	ng	96
33) 4-Chloroaniline	9.96	127	227050	35.14	ng	94
34) Hexachlorobutadiene	10.03	225	119022	44.58	ng	97
35) Caprolactam	10.68	113	11898	8.39	ng	88
36) 4-Chloro-3-methylphenol	10.81	107	266440	52.76	ng	90
37) 2-Methylnaphthalene	10.94	142	557272	48.98	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	222580	43.97	ng	99
40) Hexachlorocyclopentadiene	11.19	237	113845	55.51	ng	97

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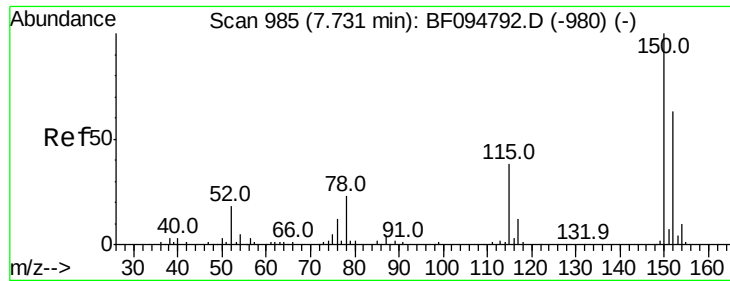
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:29:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.44	196	166760	49.35	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	156605	43.12	nq	# 93
45) 1,1'-Biphenyl	11.71	154	665781	48.04	nq	98
46) 2-Chloronaphthalene	11.72	162	520503	46.52	nq	96
47) 2-Nitroaniline	11.95	65	145560	47.53	nq	# 76
48) Acenaphthylene	12.38	152	797455	45.50	nq	99
49) Dimethylphthalate	12.26	163	785721	58.15	nq	100
50) 2,6-Dinitrotoluene	12.35	165	135207	49.05	nq	95
51) Acenaphthene	12.67	154	486820	46.51	nq	99
52) 3-Nitroaniline	12.63	138	99787	33.73	nq	89
53) 2,4-Dinitrophenol	12.84	184	102631	68.57	nq	# 65
54) Dibenzofuran	12.95	168	753896	52.04	nq	99
55) 4-Nitrophenol	13.02	139	151440	85.22	nq	# 71
56) 2,4-Dinitrotoluene	13.02	165	193899	54.74	nq	# 88
57) Fluorene	13.51	166	605314	48.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.20	232	123508	54.03	nq	# 91
59) Diethylphthalate	13.41	149	578533	44.67	nq	98
60) 4-Chlorophenyl-phenylether	13.53	204	264559	47.79	nq	92
61) 4-Nitroaniline	13.64	138	129138	47.54	nq	94
62) Azobenzene	13.79	77	564649	54.26	nq	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	95461	47.36	nq	# 65
65) n-Nitrosodiphenylamine	13.74	169	524155	48.03	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	152215	47.92	nq	99
67) Hexachlorobenzene	14.41	284	148986	45.77	nq	# 89
68) Atrazine	14.67	200	150398	48.81	nq	97
69) Pentachlorophenol	14.77	266	115479	78.57	nq	97
70) Phenanthrene	15.06	178	798081	46.20	nq	98
71) Anthracene	15.14	178	881999	49.98	nq	98
72) Carbazole	15.42	167	831966	51.82	nq	97
73) Di-n-butylphthalate	15.98	149	1025005	51.19	nq	99
74) Fluoranthene	16.80	202	887071	50.06	nq	98
76) Benzidine	17.02	184	205739	39.03	nq	95
77) Pyrene	17.10	202	865943	57.23	nq	98
79) Butylbenzylphthalate	17.99	149	383568	54.50	nq	# 85
80) Benzo(a)anthracene	18.68	228	573862	48.74	nq	99
81) 3,3'-Dichlorobenzidine	18.66	252	158321	38.93	nq	# 96
82) Chrysene	18.72	228	547347	48.07	nq	98
83) Bis(2-ethylhexyl)phthalate	18.74	149	526814	52.54	nq	# 97
84) Di-n-octyl phthalate	19.51	149	954637	58.07	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	473511	51.21	nq	99
87) Benzo(b)fluoranthene	19.95	252	455937	46.27	nq	98
88) Benzo(k)fluoranthene	19.98	252	549760	57.84	nq	96
89) Benzo(a)pyrene	20.31	252	455833	50.13	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	386017	51.40	nq	96
91) Benzo(g,h,i)perylene	22.08	276	406531	55.17	nq	97

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

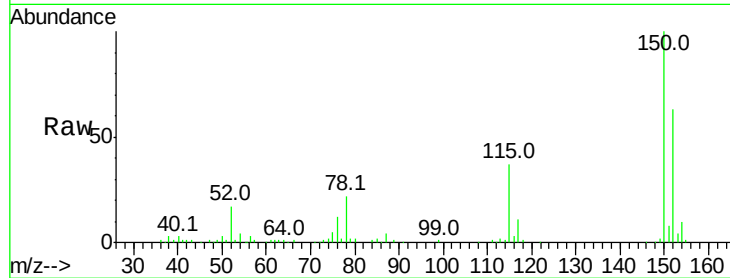


#1

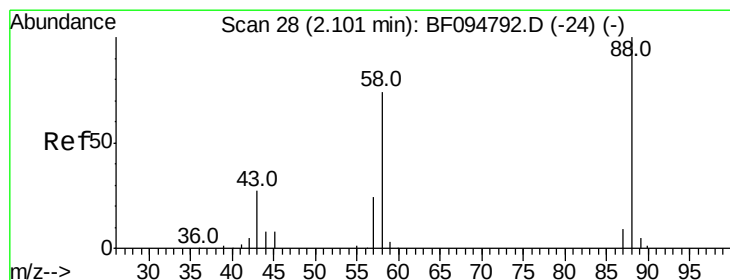
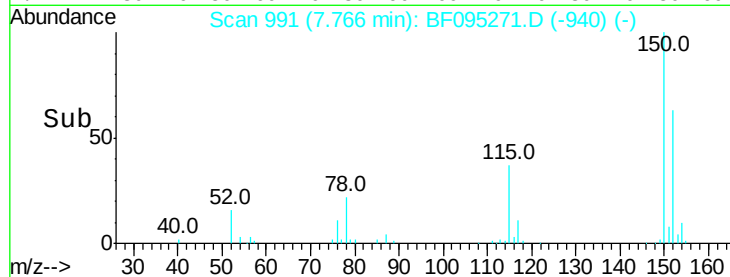
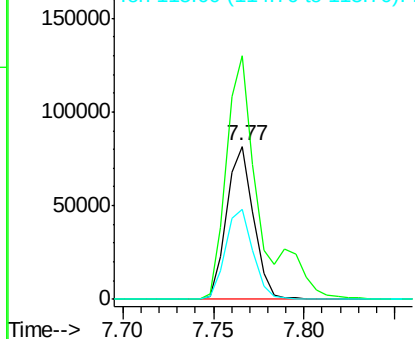
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84482
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 58.9 52.2 78.2



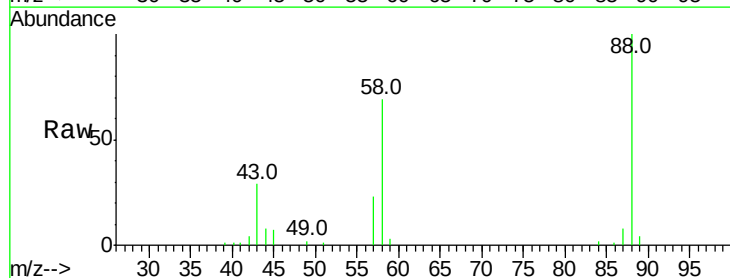
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



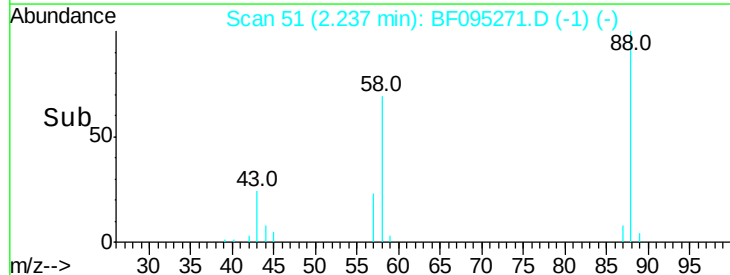
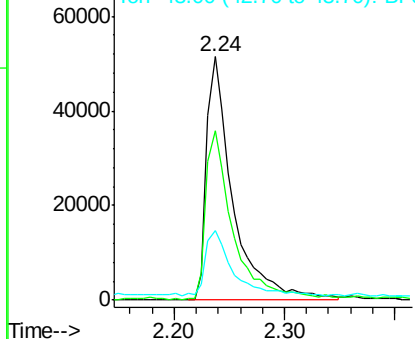
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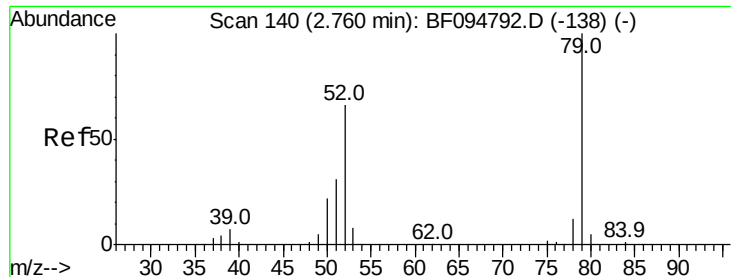
1,4-Dioxane
Concen: 33.72 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion: 88 Resp: 83788
Ion Ratio Lower Upper
88 100
58 71.9 61.4 92.0
43 27.5 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

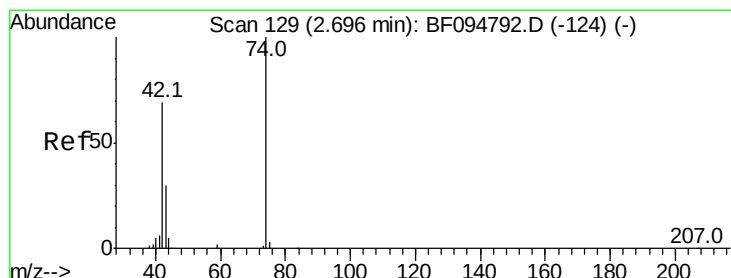
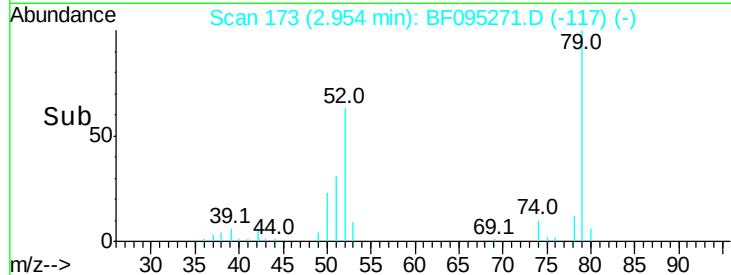
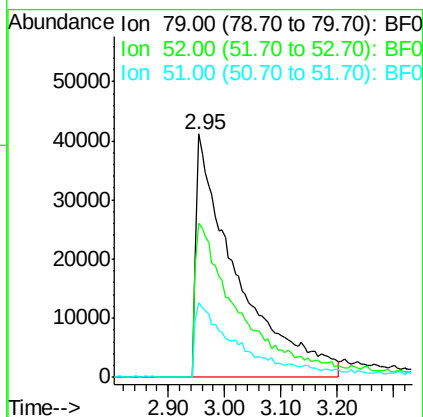
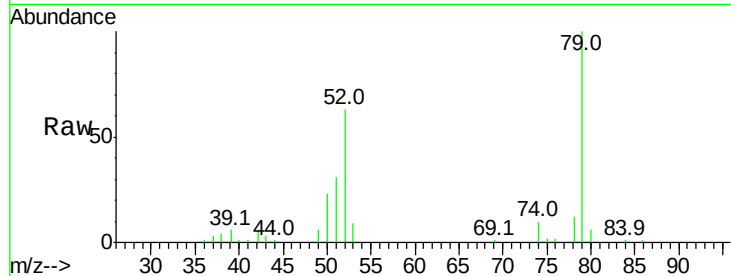




#3
 Pvridine
 Concen: 35.78 ng
 RT: 2.95 min Scan# 173
 Delta R.T. 0.03 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

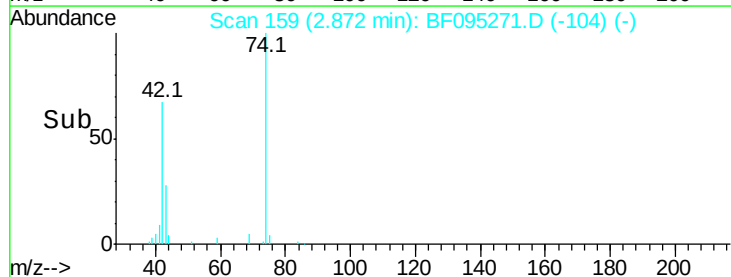
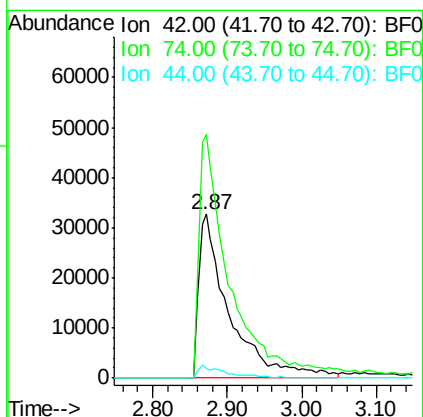
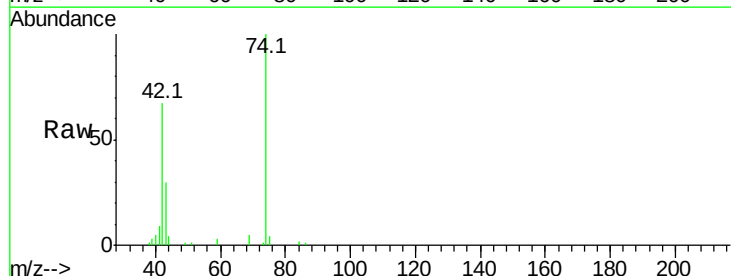
Instrument :
 BNA_F
 ClientSampled :

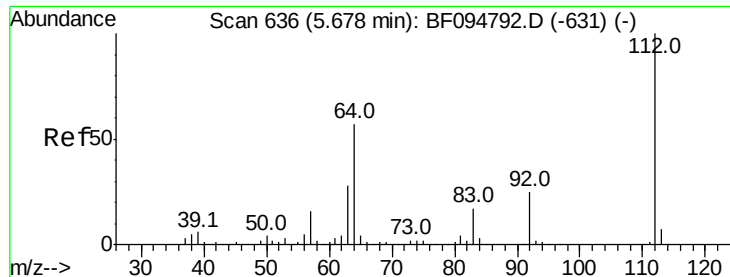
Tot Ion: 79 Resp: 206107
 Ion Ratio Lower Upper
 79 100
 52 63.5 54.8 82.2
 51 30.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.88 ng
 RT: 2.87 min Scan# 159
 Delta R.T. 0.02 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion: 42 Resp: 93338
 Ion Ratio Lower Upper
 42 100
 74 148.4 103.9 155.9
 44 6.0 5.7 8.5





#5

2-Fluorophenol

Concen: 156.06 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

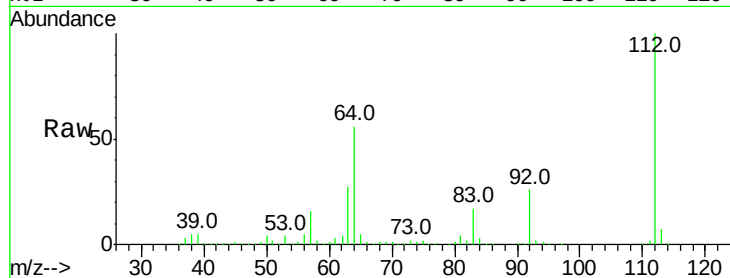
Tot Ion:112 Resp: 790822

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

63 27.5 23.4 35.0



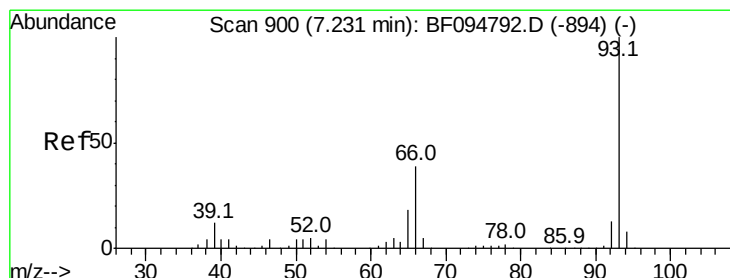
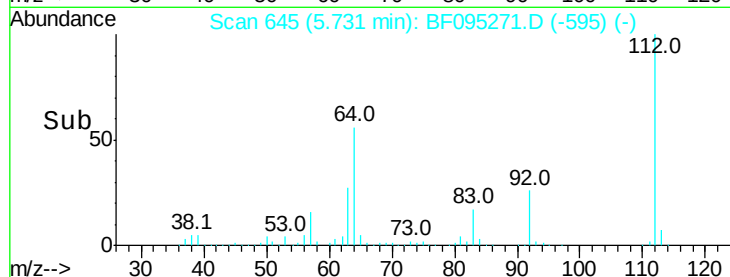
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.73

Time-->



#6

Aniline

Concen: 48.53 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

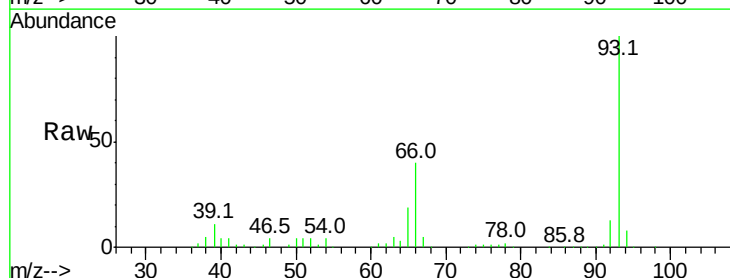
Tgt Ion: 93 Resp: 372464

Ion Ratio Lower Upper

93 100

66 39.6 32.9 49.3

65 18.6 16.0 24.0



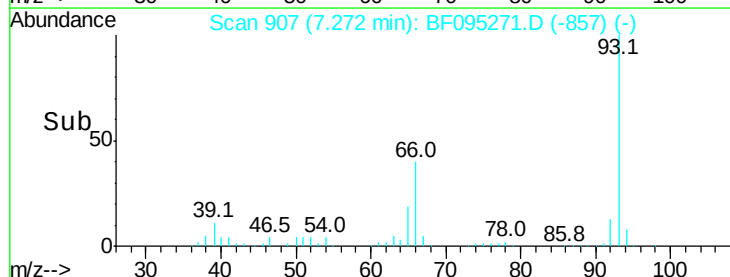
Abundance Ion 93.00 (92.70 to 93.70): BF0

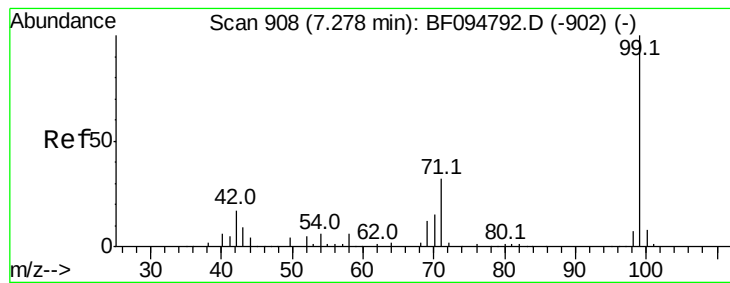
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

7.27

Time-->





#7

Phenol-d6

Concen: 156.60 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

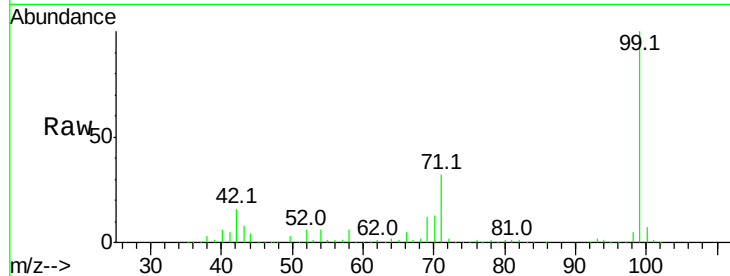
Tot Ion: 99 Resp: 952129

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

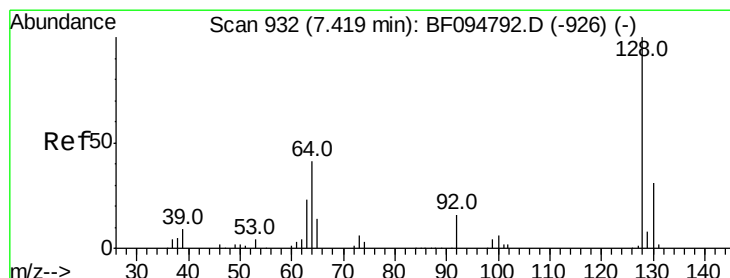
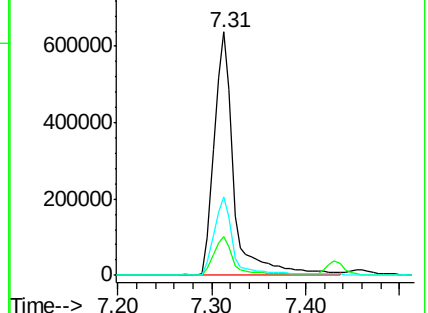
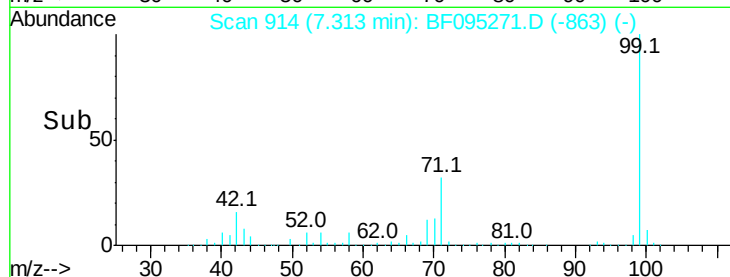
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.74 ng

RT: 7.45 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

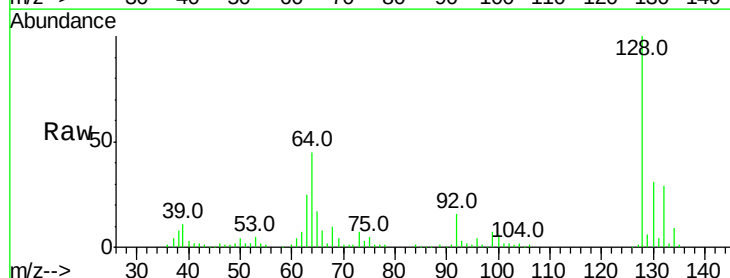
Tgt Ion:128 Resp: 298432

Ion Ratio Lower Upper

128 100

130 31.2 12.9 52.9

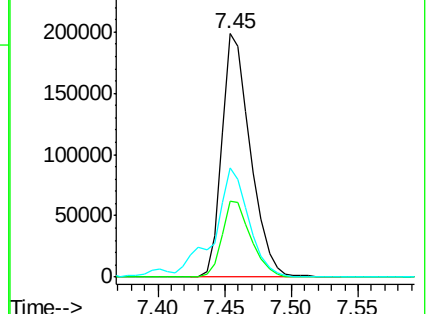
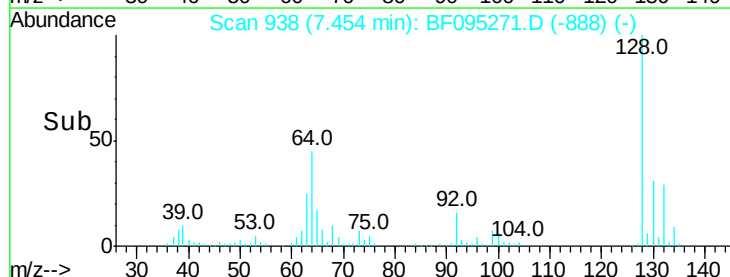
64 44.8 28.4 68.4

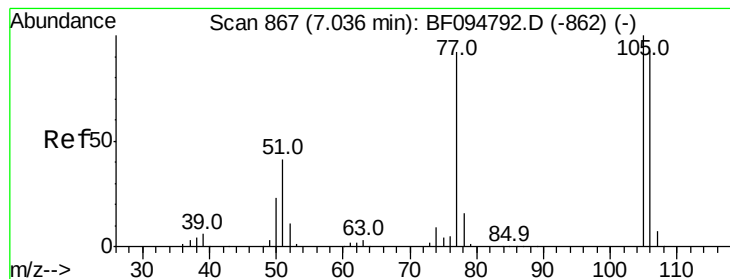


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.37 ng

RT: 7.10 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

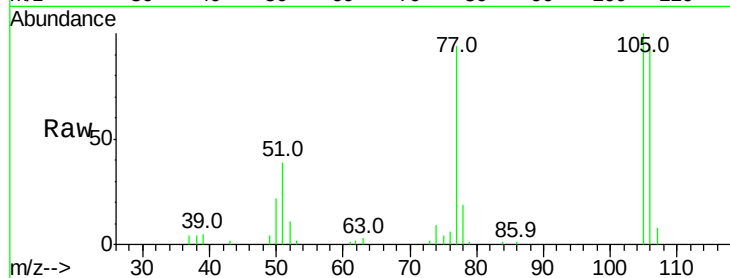
Tot Ion: 77 Resp: 90464

Ion Ratio Lower Upper

77 100

105 106.0 83.8 123.8

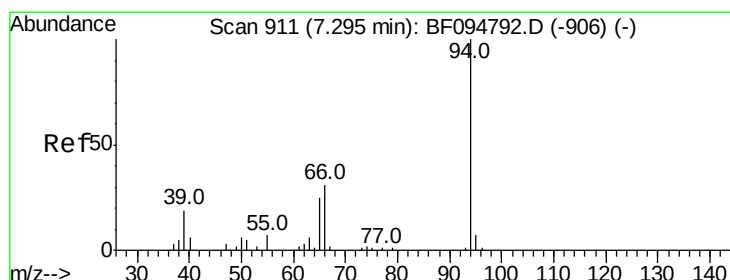
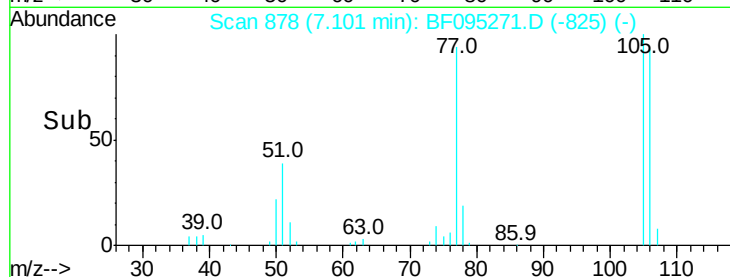
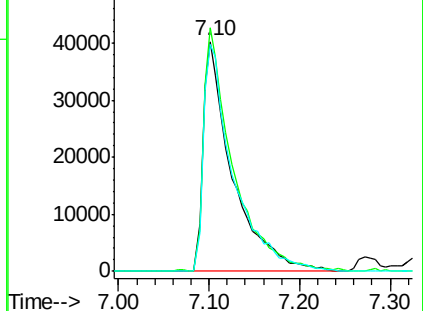
106 98.5 79.1 119.1



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: 49.92 ng

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

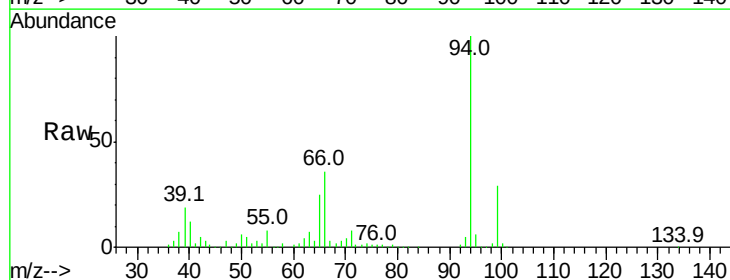
Tgt Ion: 94 Resp: 319807

Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

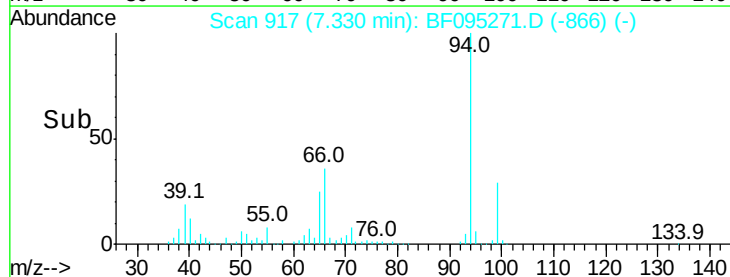
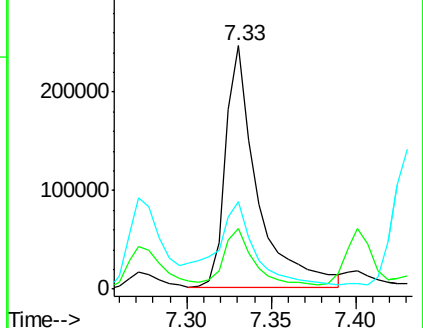
66 35.7 23.1 63.1

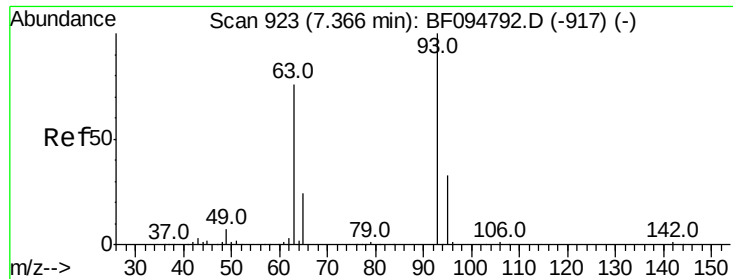


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 53.18 ng

RT: 7.40 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

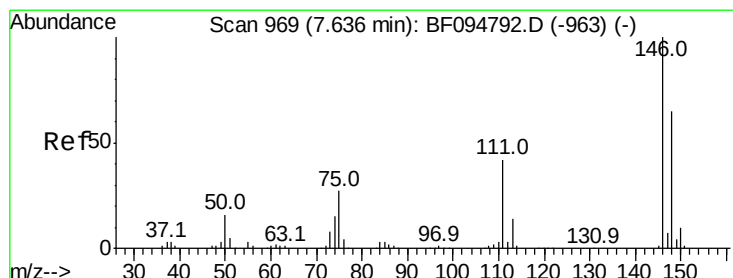
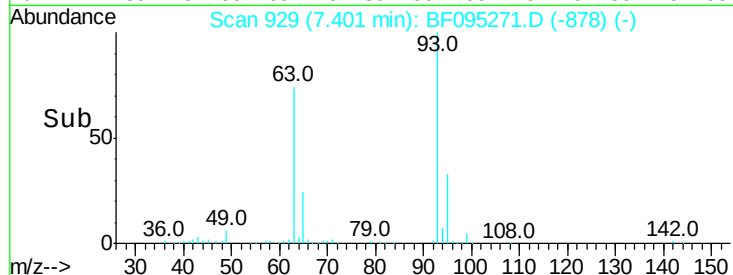
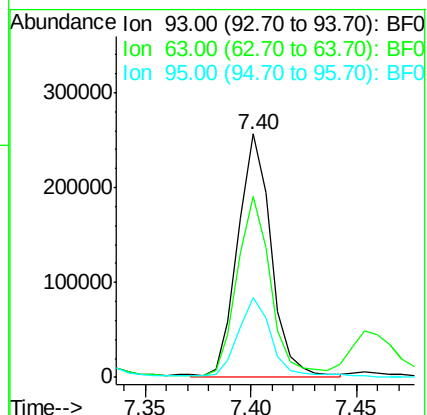
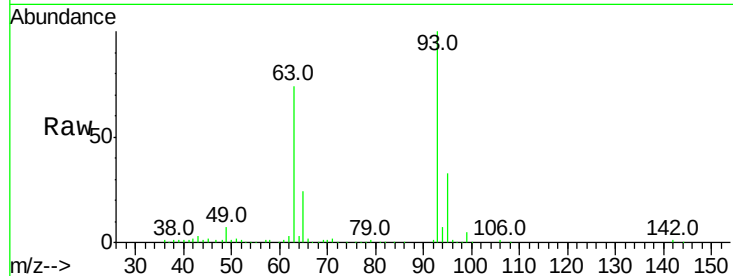
Tot Ion: 93 Resp: 281268

Ion Ratio Lower Upper

93 100

63 74.2 59.2 99.2

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.68 ng

RT: 7.67 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

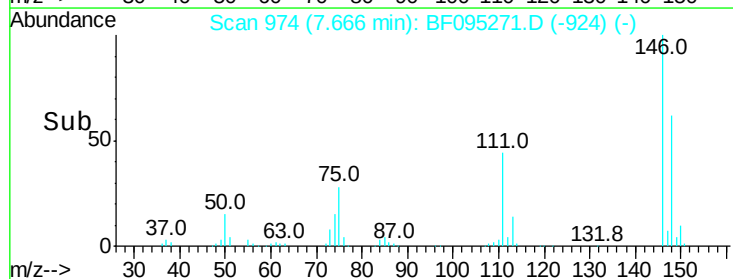
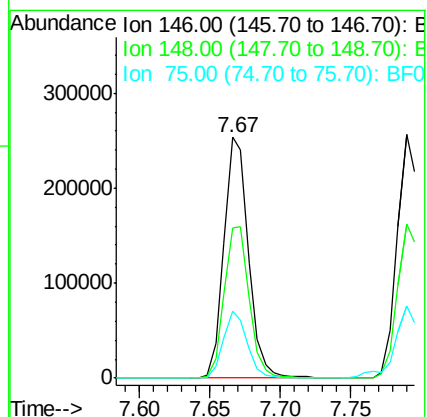
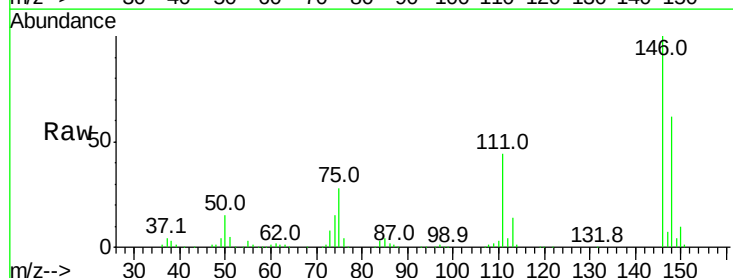
Tgt Ion: 146 Resp: 305436

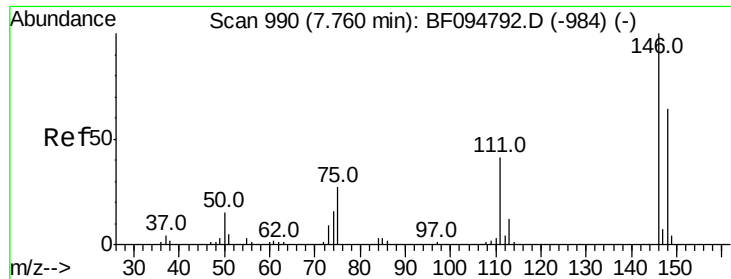
Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.6

75 27.9 23.1 34.7

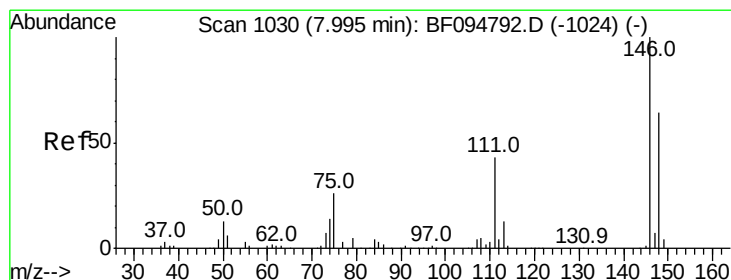
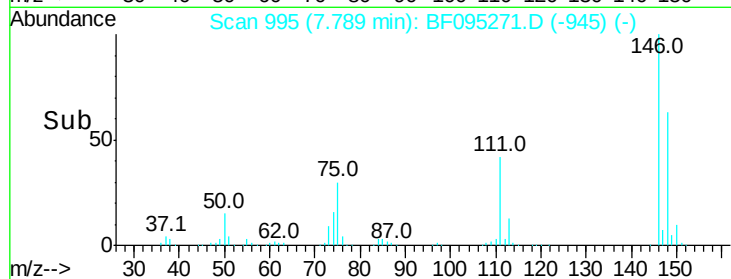
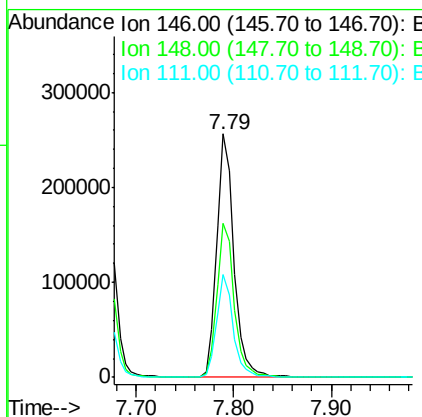
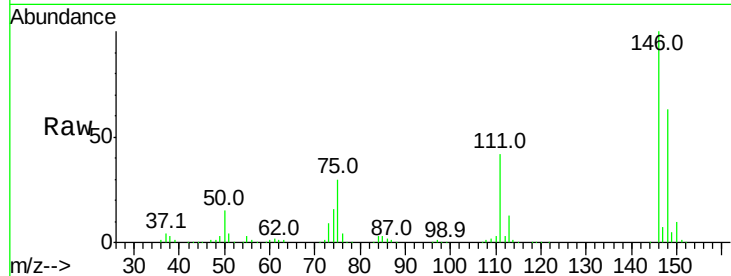




#13
 1,4-Dichlorobenzene
 Concen: 47.50 ng
 RT: 7.79 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

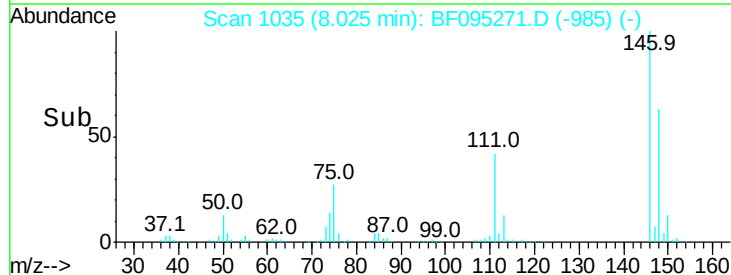
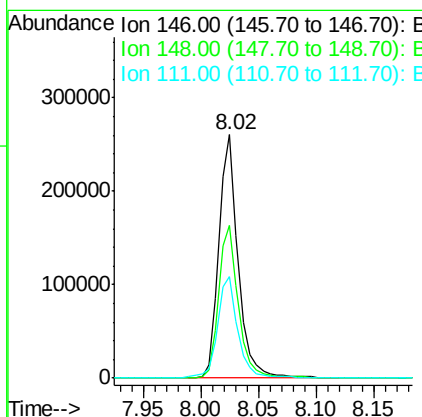
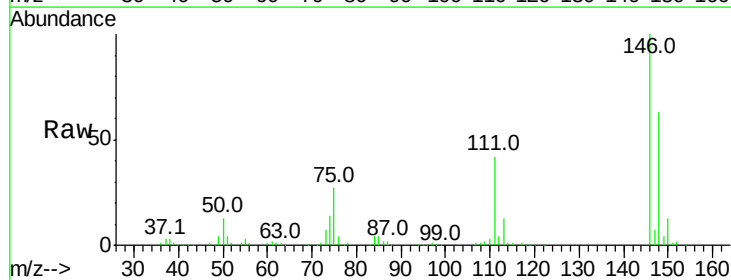
Instrument :
 BNA_F
 ClientSampleId :

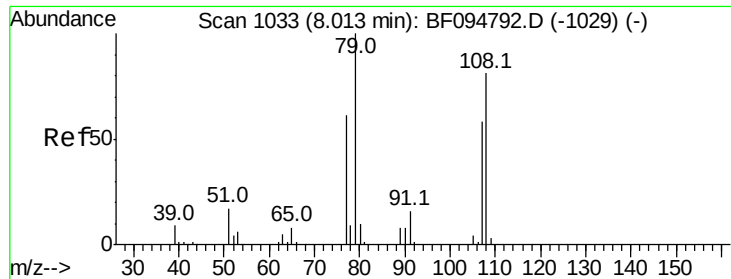
Tot Ion:146 Resp: 315128
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 42.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 48.80 ng
 RT: 8.02 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion:146 Resp: 302197
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.4 75.6
 111 41.5 38.2 57.4





#15

Benzyl Alcohol

Concen: 60.54 ng

RT: 8.05 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampled :

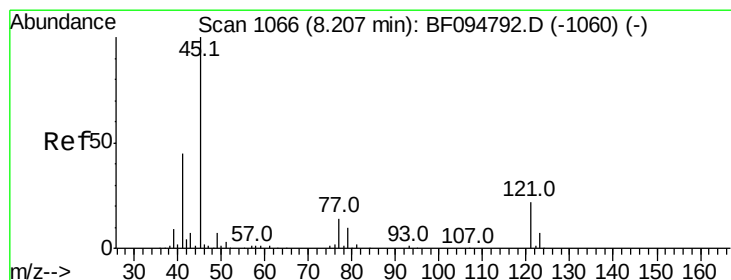
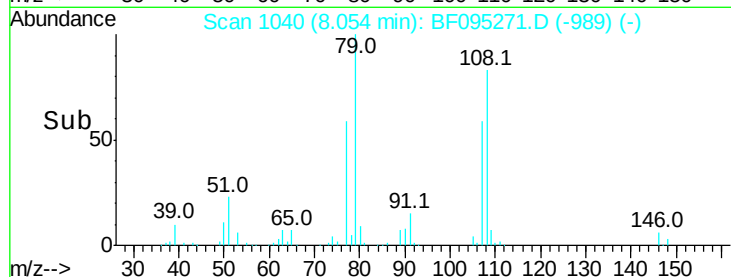
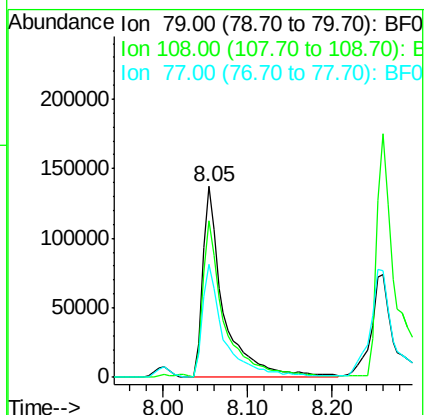
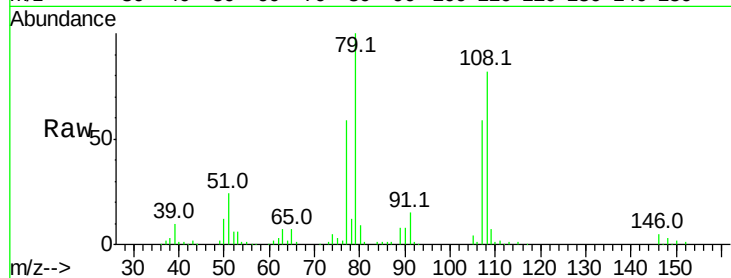
Tot Ion: 79 Resp: 236734

Ion Ratio Lower Upper

79 100

108 82.1 63.4 95.0

77 59.4 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.24 ng

RT: 8.25 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

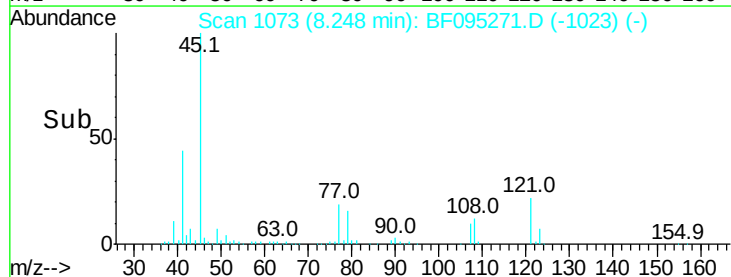
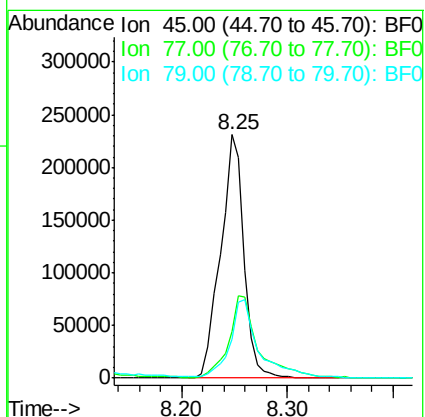
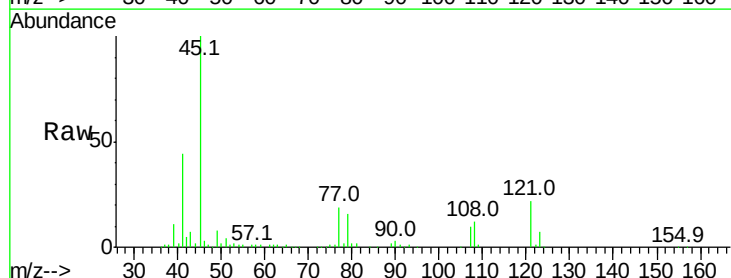
Tgt Ion: 45 Resp: 353667

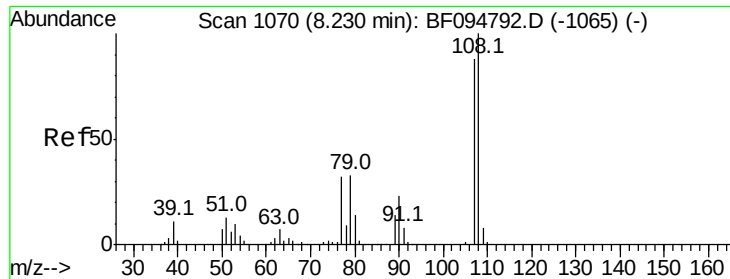
Ion Ratio Lower Upper

45 100

77 19.3 0.0 33.2

79 15.9 0.0 30.0

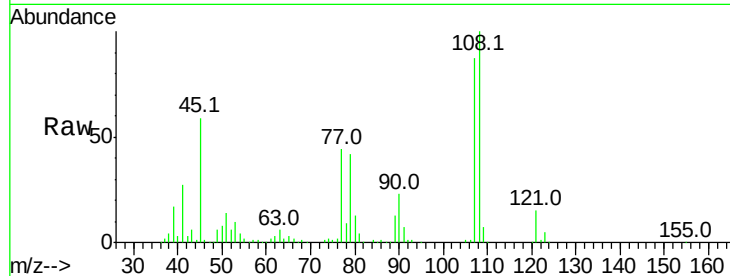




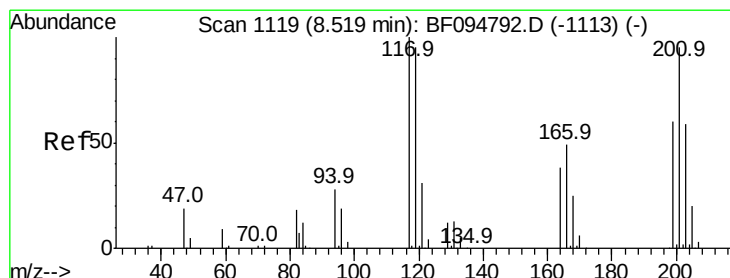
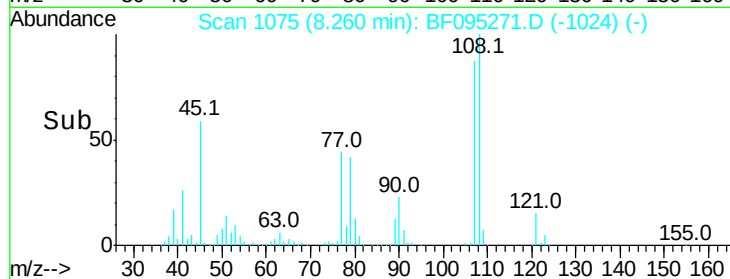
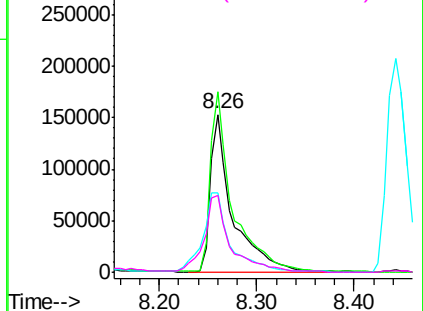
#17
2-Methylphenol
Concen: 50.81 ng
RT: 8.26 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	239814
Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.4	140.0
77	50.1	35.8	53.6
79	48.6	34.8	52.2

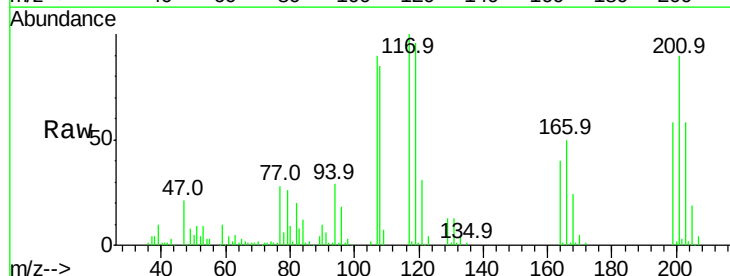


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

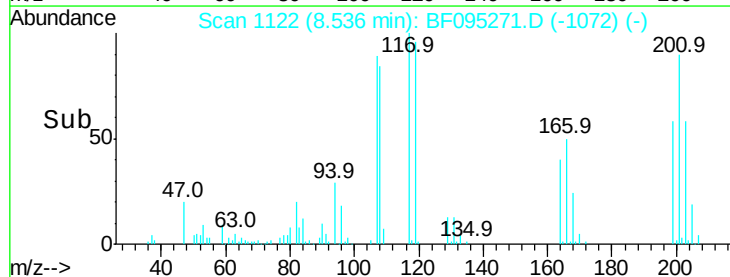
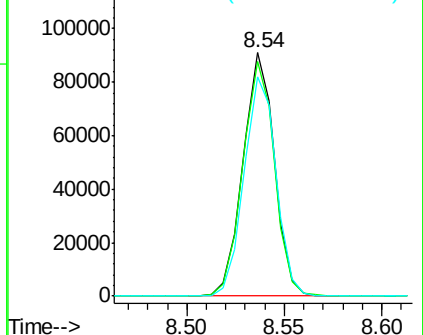


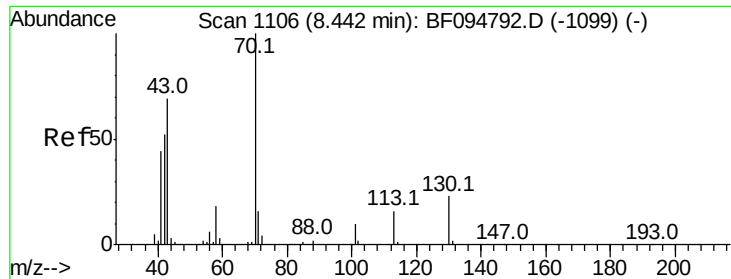
#18
Hexachloroethane
Concen: 45.08 ng
RT: 8.54 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion:	117	Resp:	101315
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
201	89.9	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

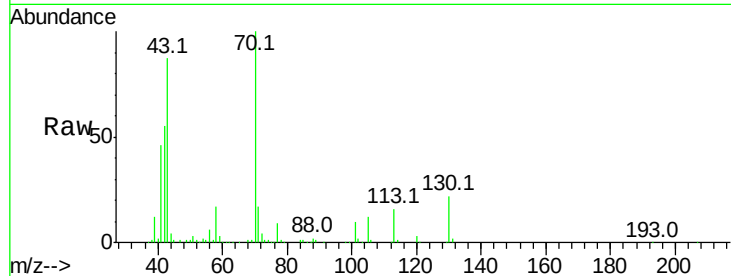




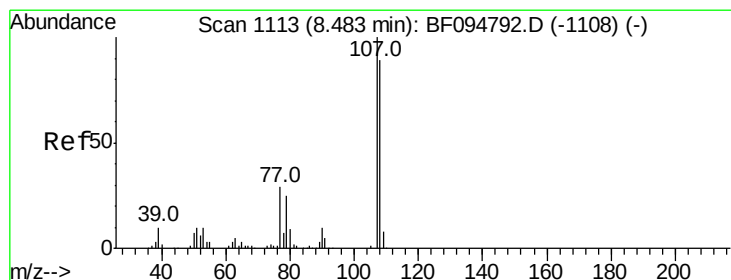
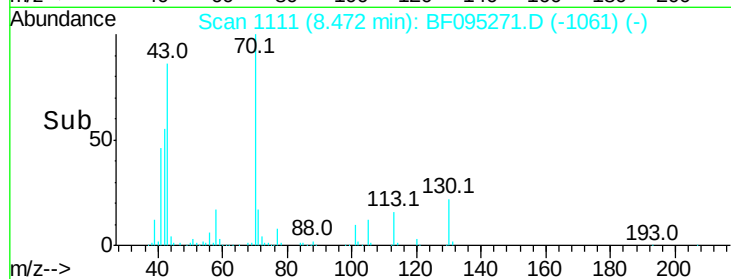
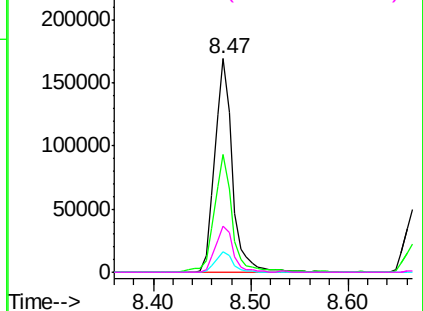
#19
n-Nitroso-di-n-propylamine
Concen: 51.33 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 211086
Ion Ratio Lower Upper
70 100
42 55.2 47.2 70.8
101 9.6 7.2 10.8
130 21.6 15.9 23.9

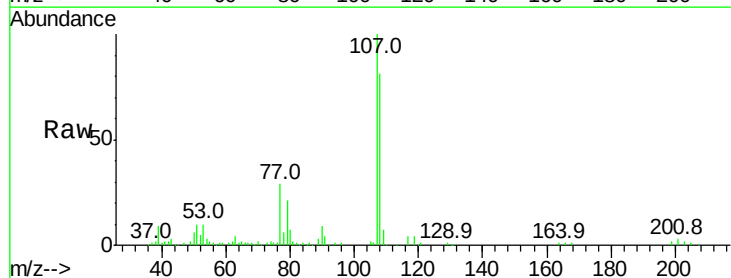


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

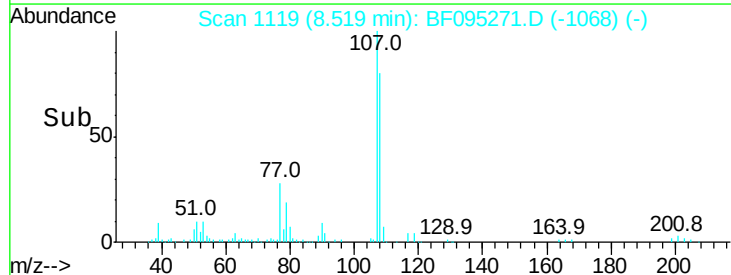
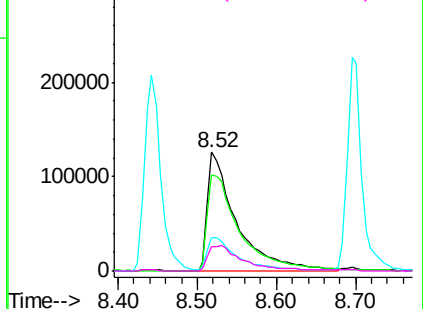


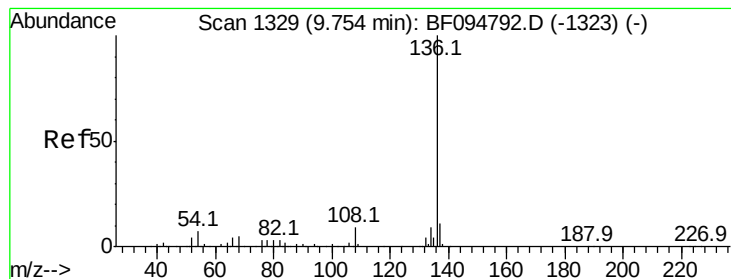
#20
3+4-Methylphenols
Concen: 50.46 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion: 107 Resp: 323633
Ion Ratio Lower Upper
107 100
108 81.2 71.0 111.0
77 28.5 90.5 130.5#
79 20.8 8.4 48.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 344959

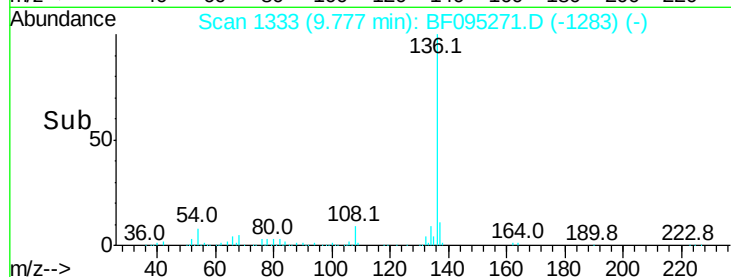
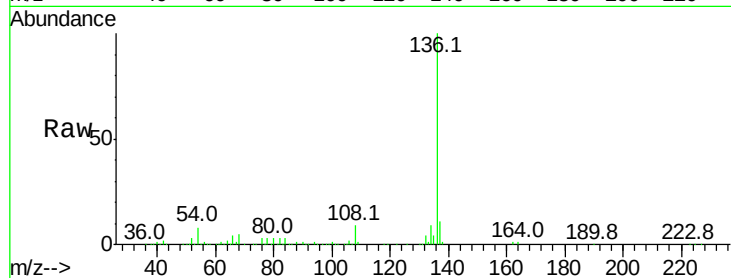
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.7 4.9 7.3#

68 5.5 4.1 6.1

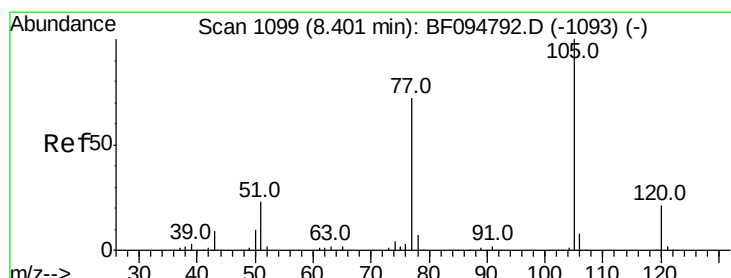
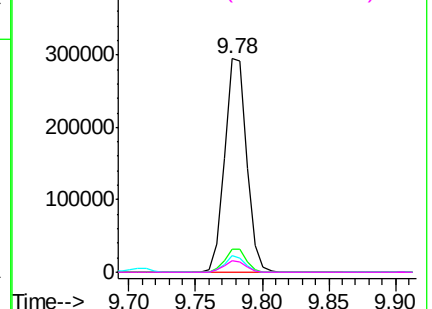


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.65 ng

RT: 8.44 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Tgt Ion:105 Resp: 419207

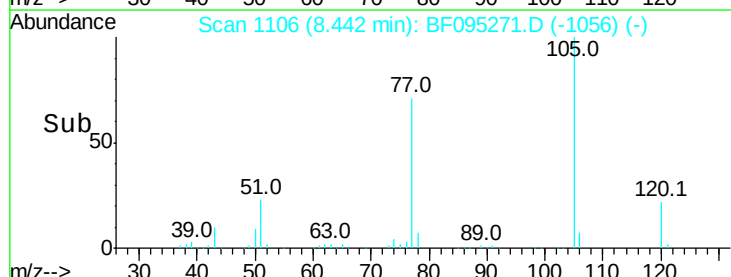
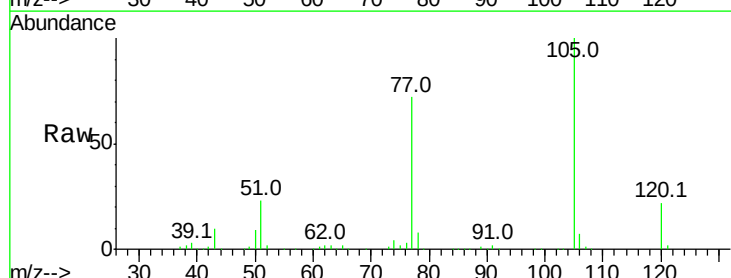
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.3 30.7 46.1#

120 22.1 17.4 26.0

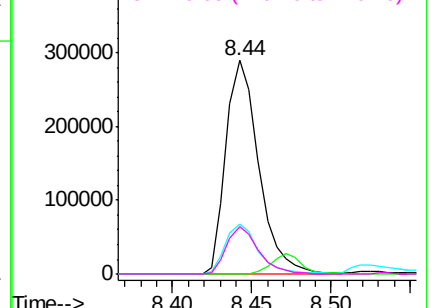


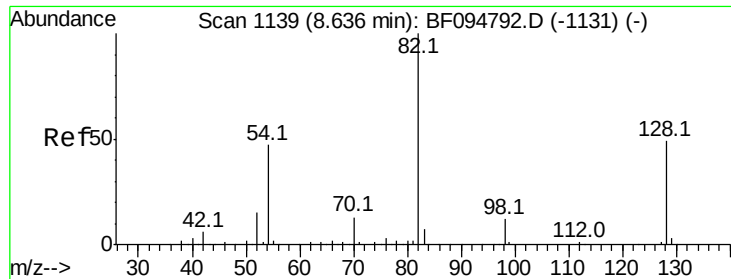
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

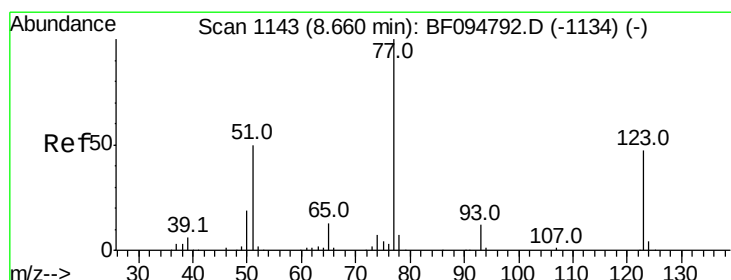
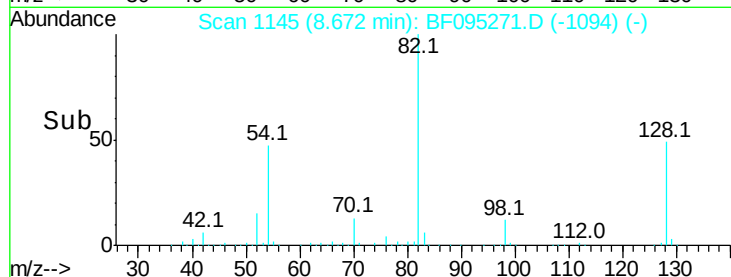
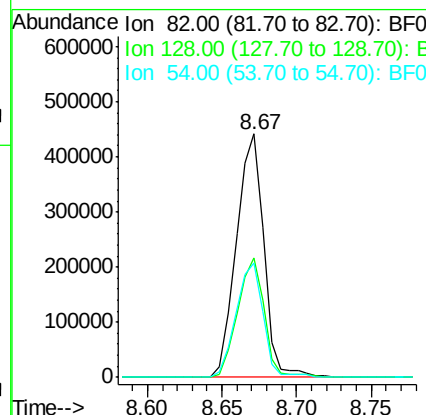
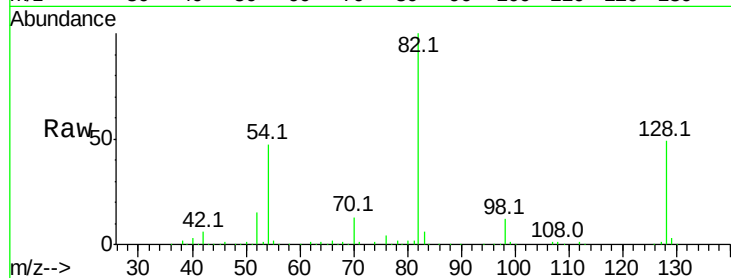




#23
 Nitrobenzene-d5
 Concen: 104.34 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

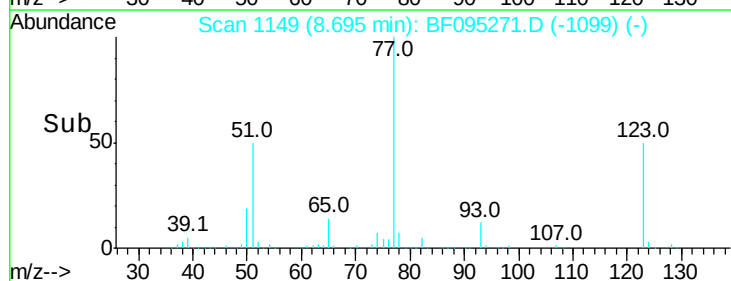
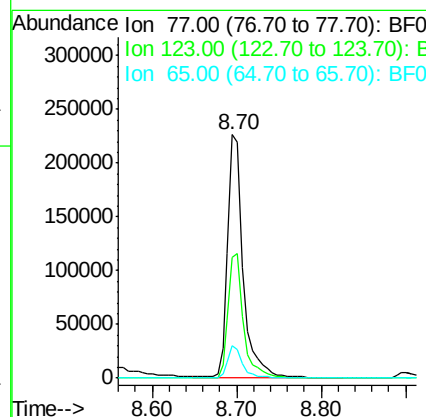
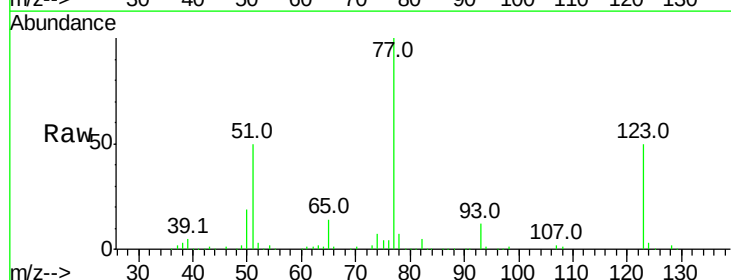
Instrument :
 BNA_F
 ClientSampleId :

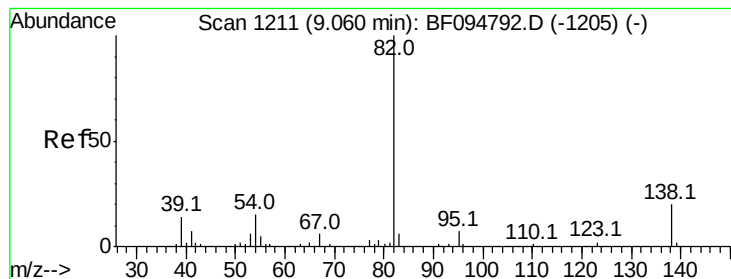
Tot Ion: 82 Resp: 570806
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 46.9 42.2 63.2



#24
 Nitrobenzene
 Concen: 50.27 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion: 77 Resp: 288234
 Ion Ratio Lower Upper
 77 100
 123 49.6 35.8 53.8
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 56.16 ng

RT: 9.10 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

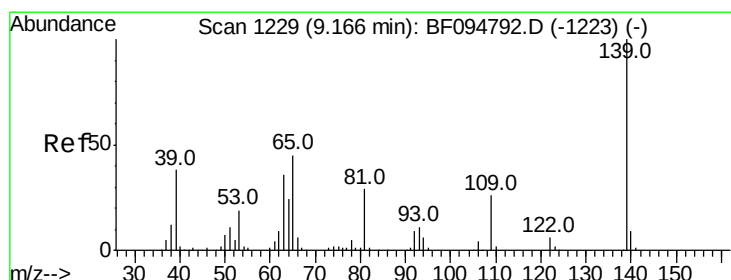
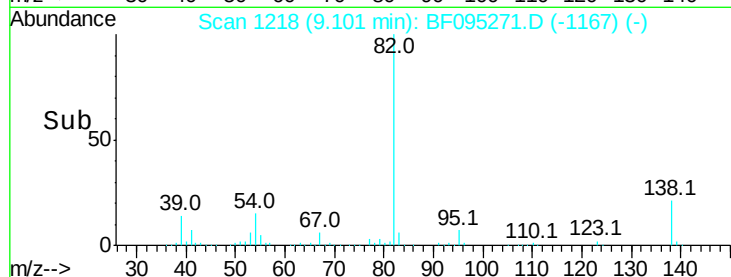
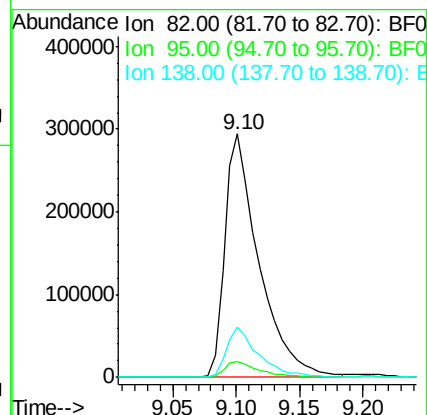
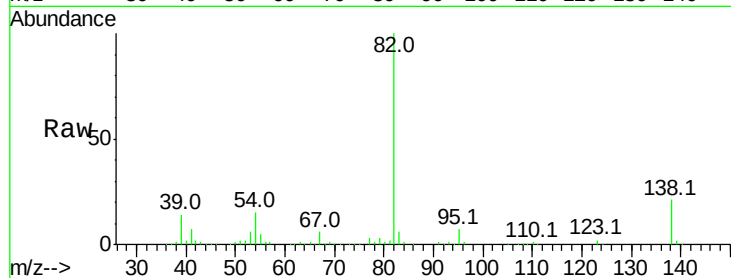
Tot Ion: 82 Resp: 548608

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 20.6 13.1 19.7#



#26

2-Nitrophenol

Concen: 54.49 ng

RT: 9.20 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

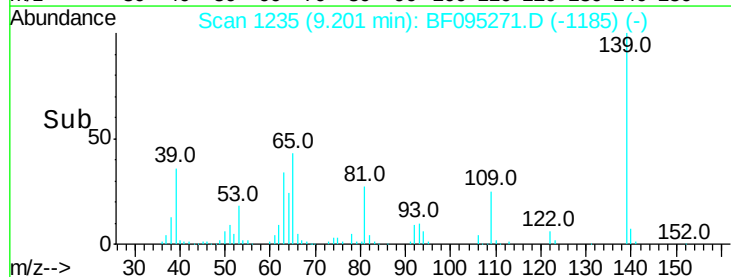
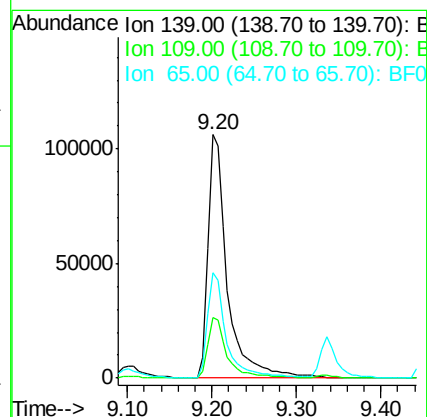
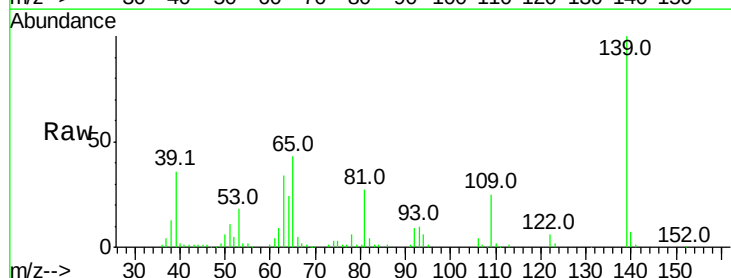
Tgt Ion: 139 Resp: 168591

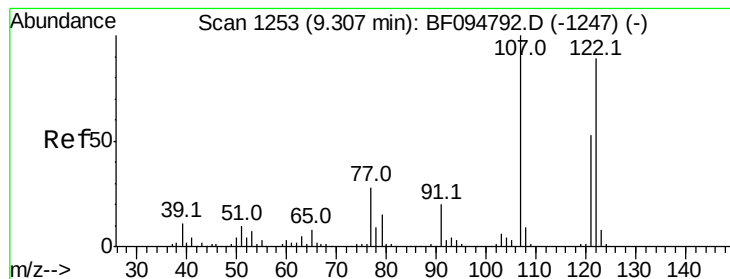
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 43.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 55.21 ng

RT: 9.34 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

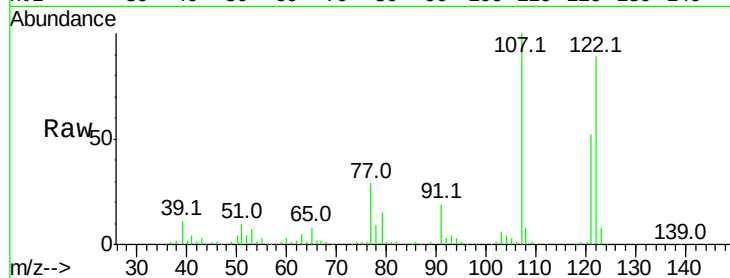
Tot Ion:122 Resp: 276164

Ion Ratio Lower Upper

122 100

107 112.3 89.2 133.8

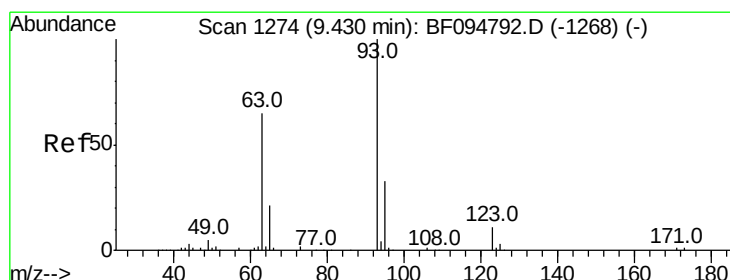
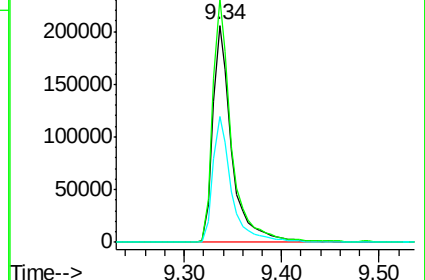
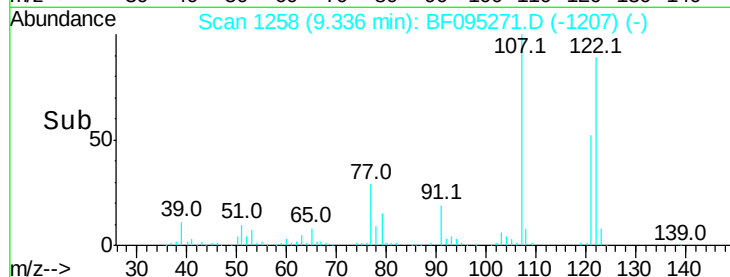
121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.90 ng

RT: 9.46 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

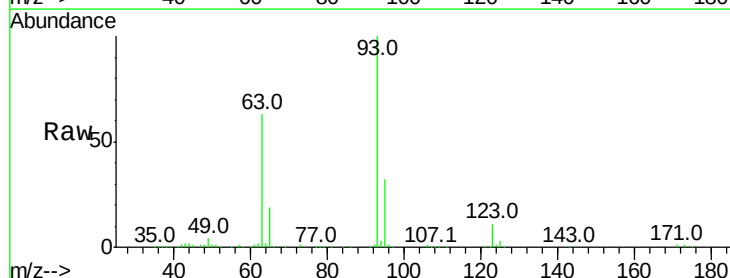
Tgt Ion: 93 Resp: 357487

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

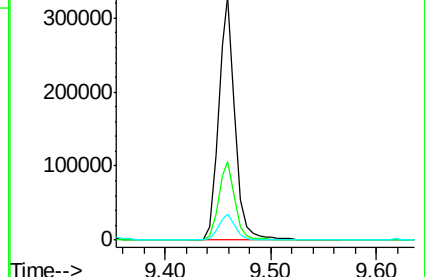
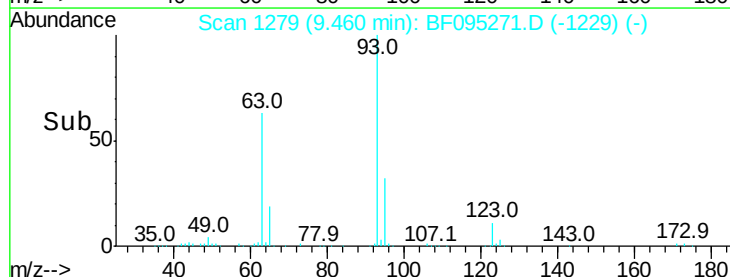
123 10.9 9.0 13.4

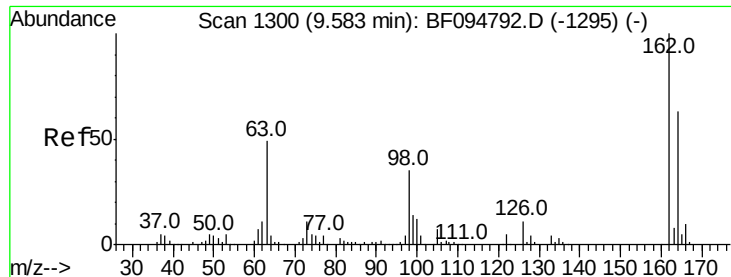


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

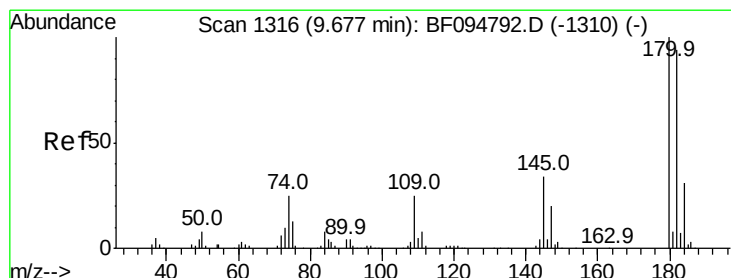
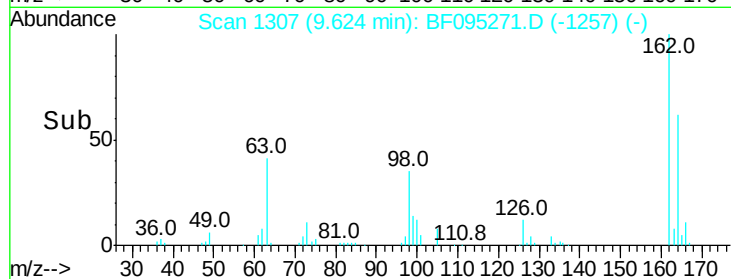
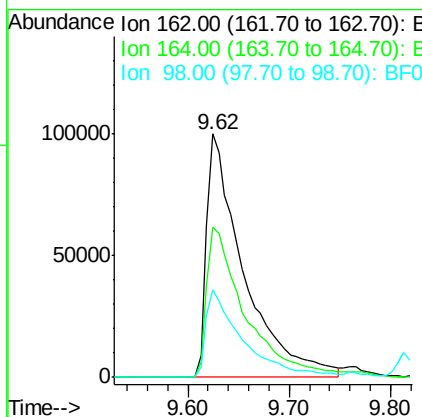
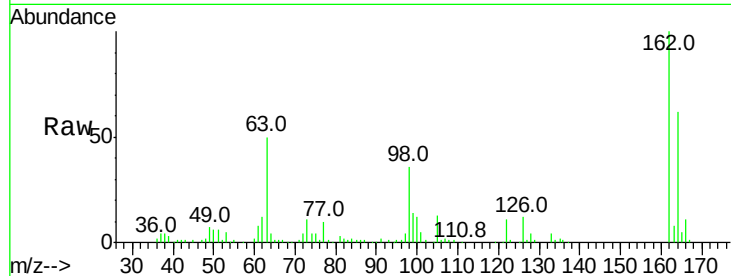




#29
 2,4-Dichlorophenol
 Concen: 53.43 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

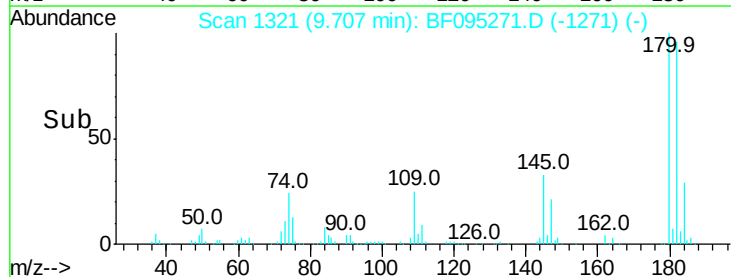
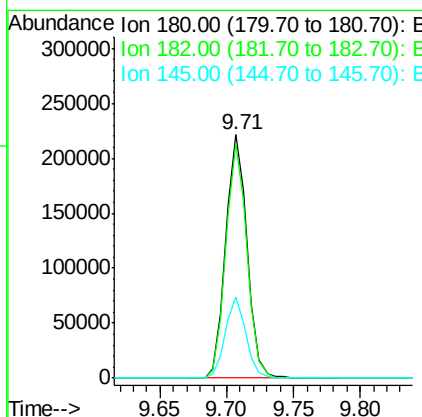
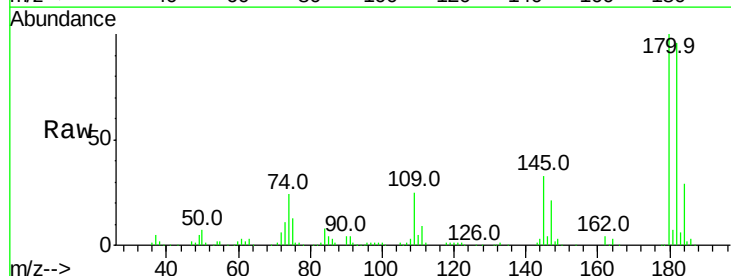
Instrument :
 BNA_F
 ClientSampled :

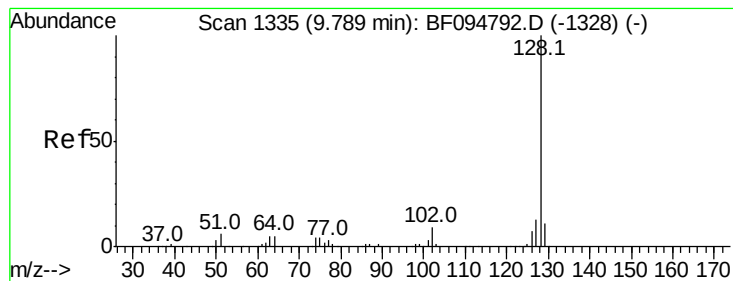
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	44.6	84.6
98	35.7	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 49.60 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.6
145	33.1	25.3	37.9





#31

Naphthalene

Concen: 47.22 ng

RT: 9.81 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

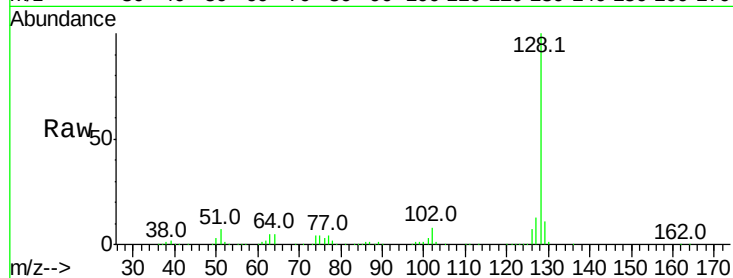
Tot Ion:128 Resp: 818609

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

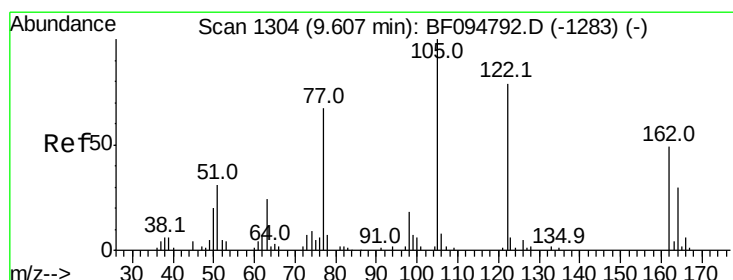
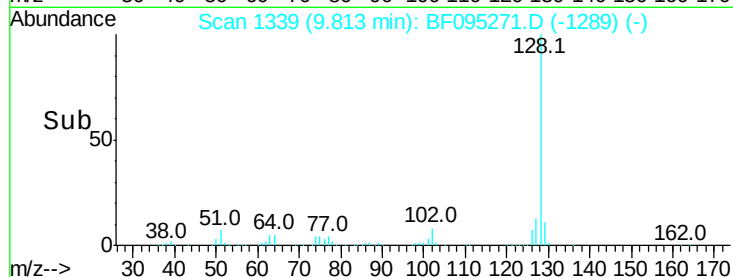
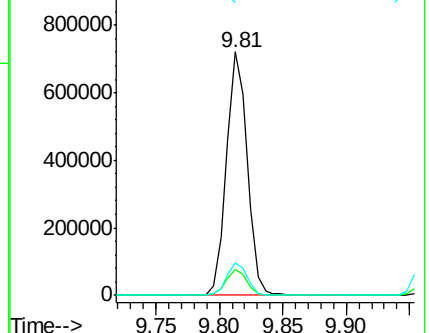
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.39 ng

RT: 9.61 min Scan# 1305

Delta R.T. -0.05 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

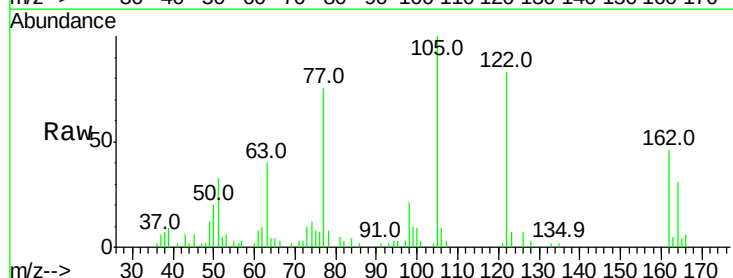
Tgt Ion:122 Resp: 45226

Ion Ratio Lower Upper

122 100

105 119.9 103.3 143.3

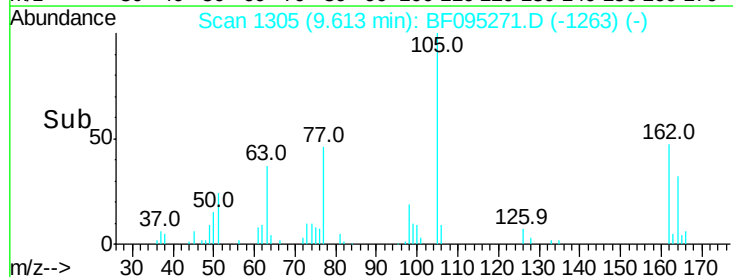
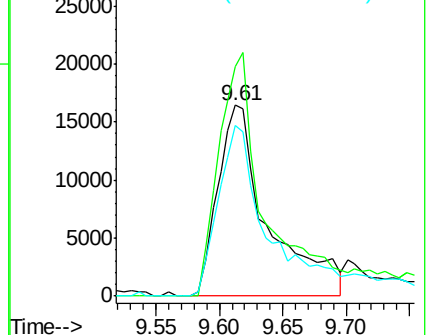
77 89.5 73.7 113.7

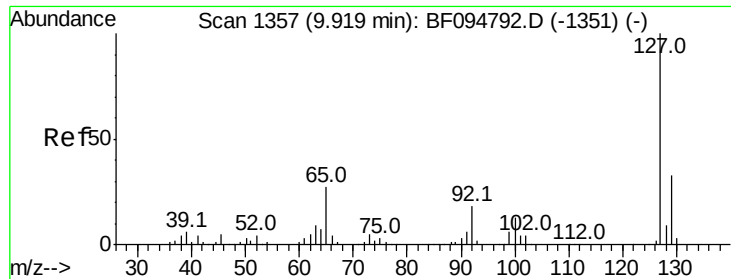


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

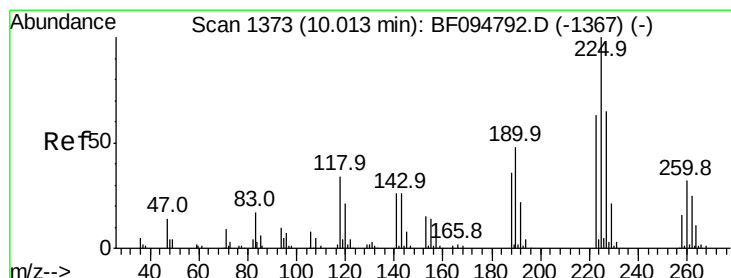
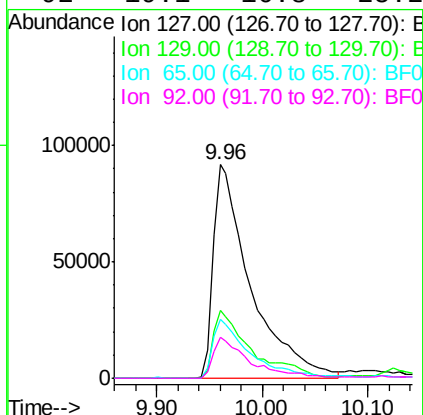
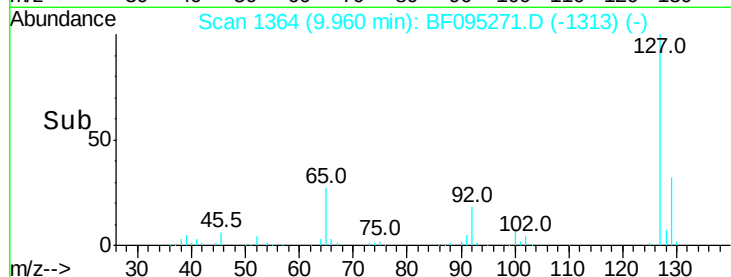
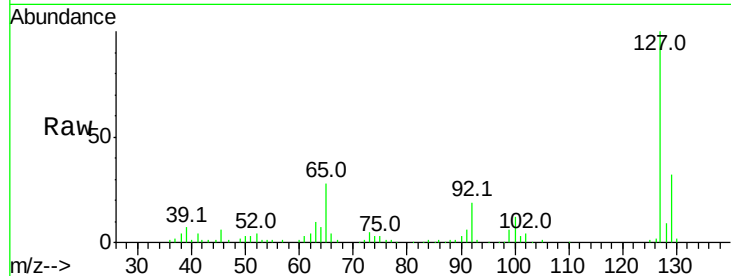




#33
4-Chloroaniline
Concen: 35.14 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

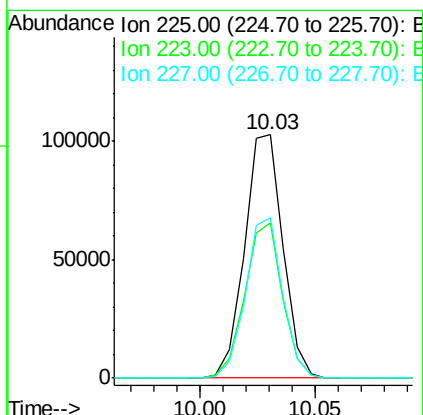
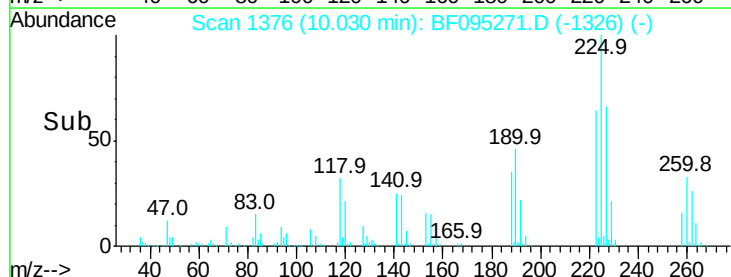
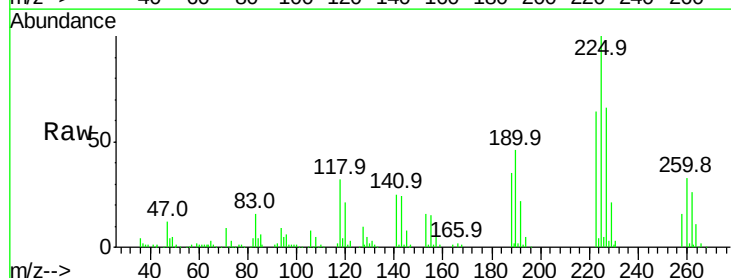
Instrument :
BNA_F
ClientSampleId :

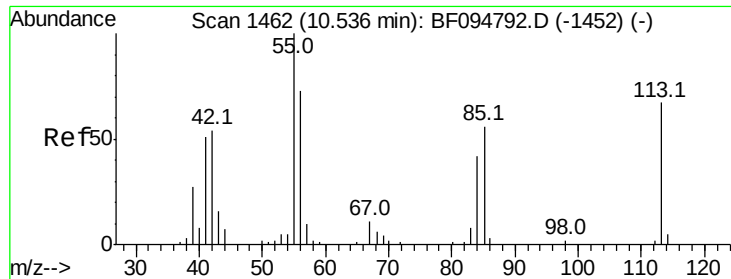
Tot Ion:	127	Resp:	227050
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	27.9	27.8	41.8
92	19.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.58 ng
RT: 10.03 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion:	225	Resp:	119022
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	65.6	51.1	76.7





#35

Caprolactam

Concen: 8.39 ng

RT: 10.68 min Scan# 1487

Delta R.T. 0.09 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampled :

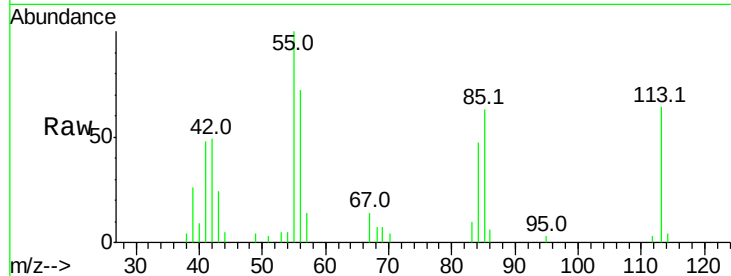
Tot Ion:113 Resp: 11898

Ion Ratio Lower Upper

113 100

55 156.2 150.2 190.2

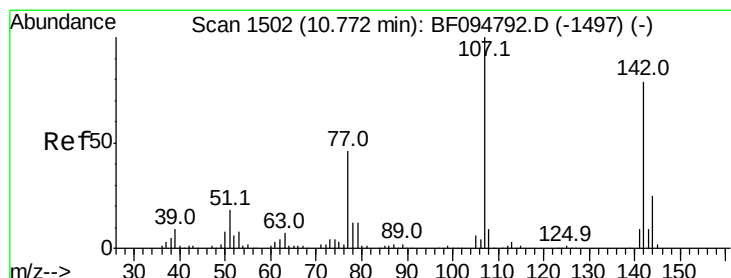
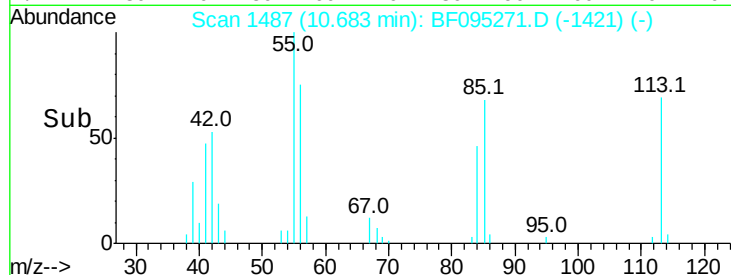
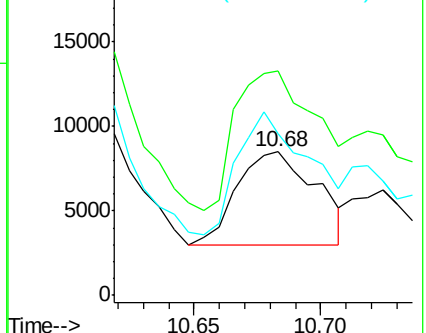
56 112.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.76 ng

RT: 10.81 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

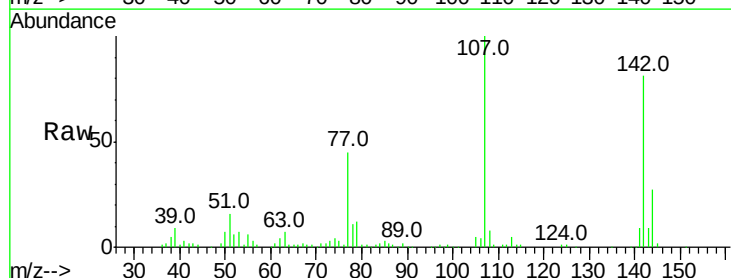
Tgt Ion:107 Resp: 266440

Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

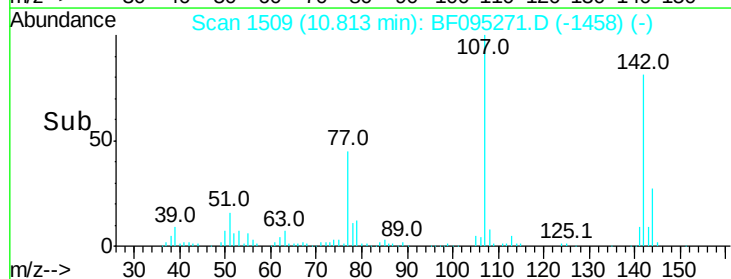
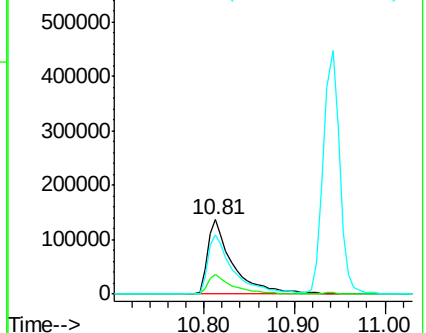
142 80.8 73.4 110.0

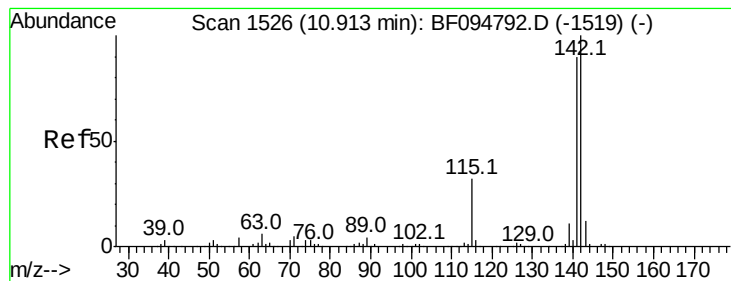


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.98 ng

RT: 10.94 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

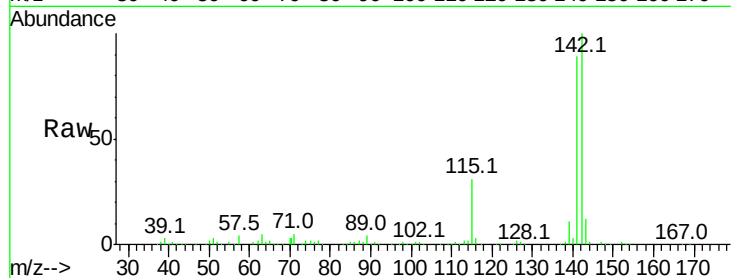
Tot Ion:142 Resp: 557272

Ion Ratio Lower Upper

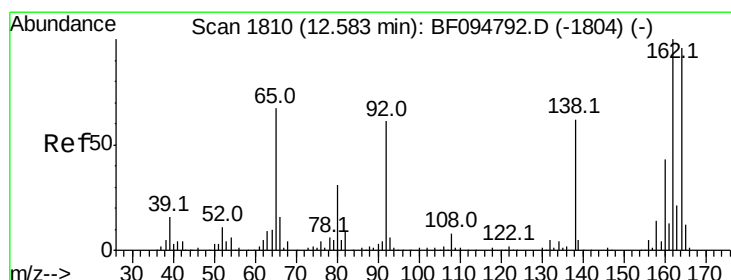
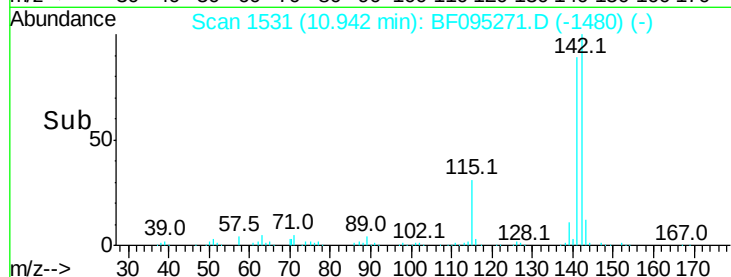
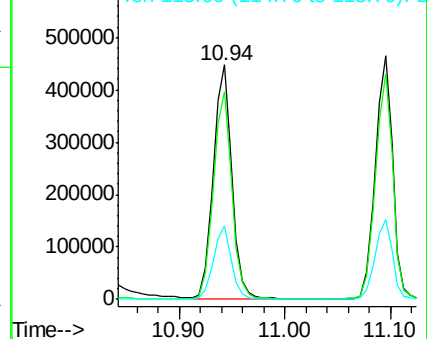
142 100

141 88.9 71.3 106.9

115 31.2 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

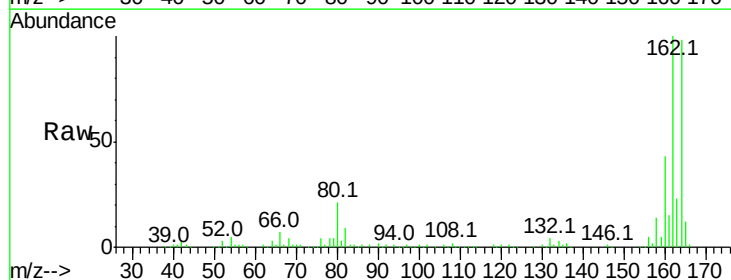
Tgt Ion:164 Resp: 164589

Ion Ratio Lower Upper

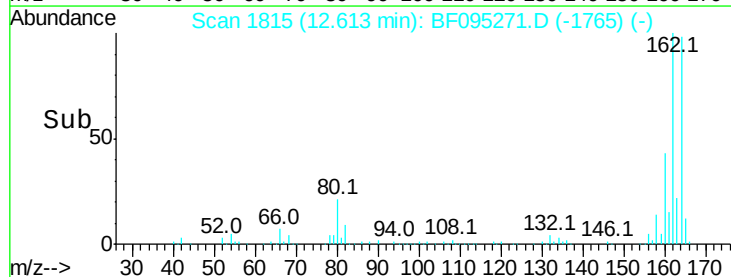
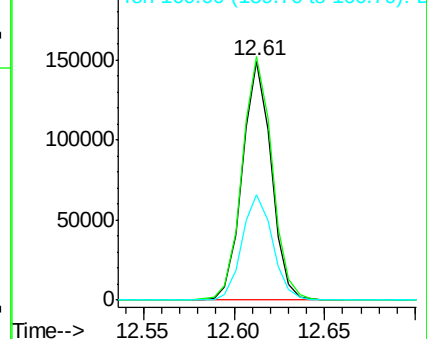
164 100

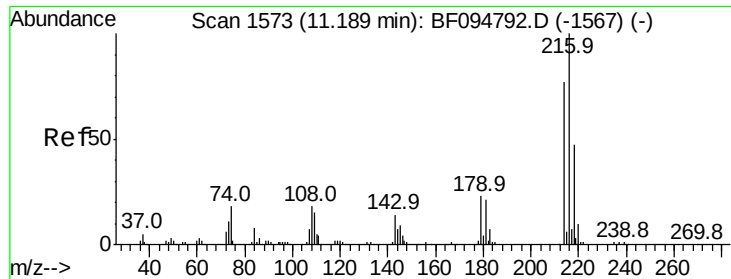
162 101.8 82.6 123.8

160 44.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.97 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 222580

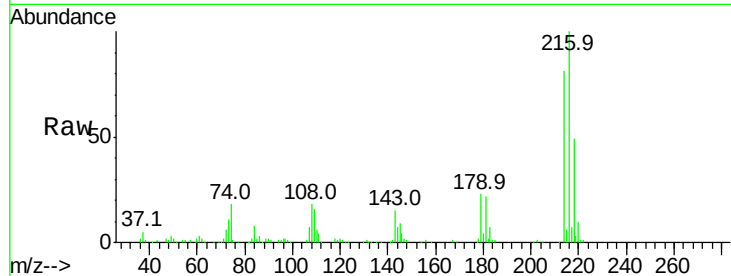
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.2 17.9 26.9

108 19.5 16.5 24.7

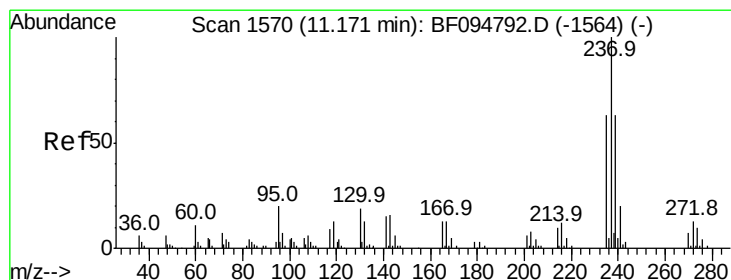
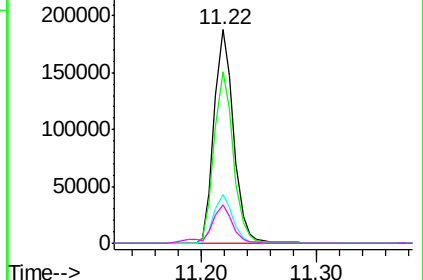
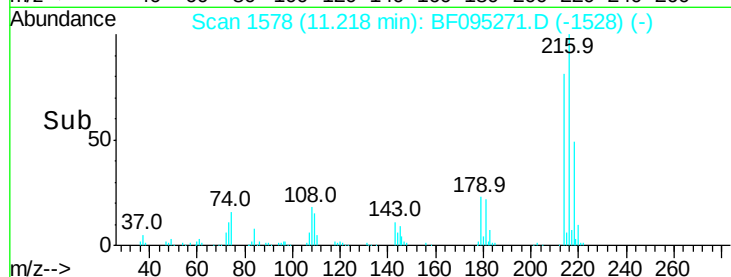


Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.51 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

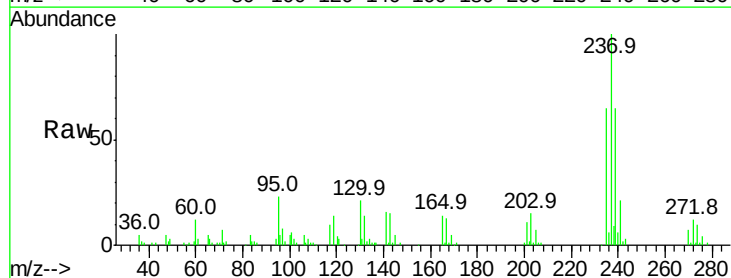
Tgt Ion:237 Resp: 113845

Ion Ratio Lower Upper

237 100

235 65.1 42.6 82.6

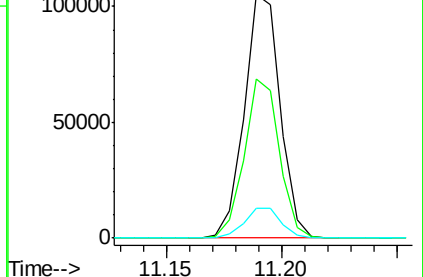
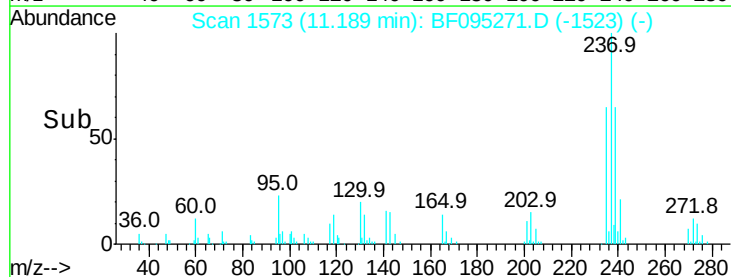
272 12.0 0.0 31.9

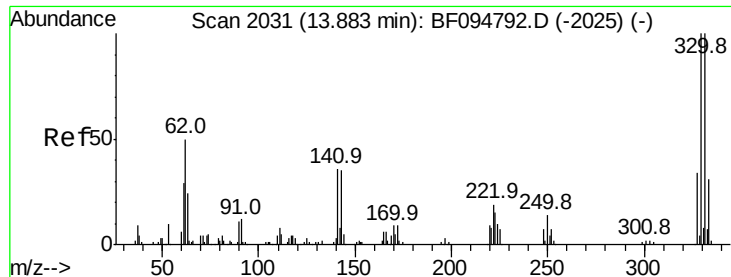


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

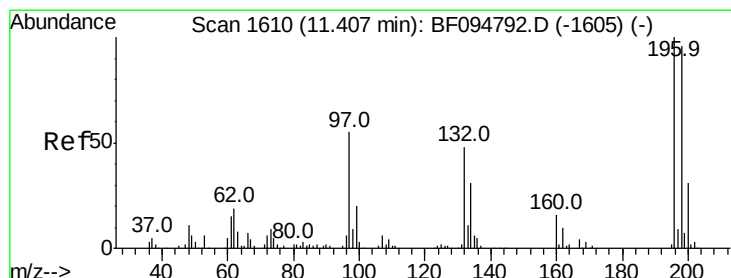
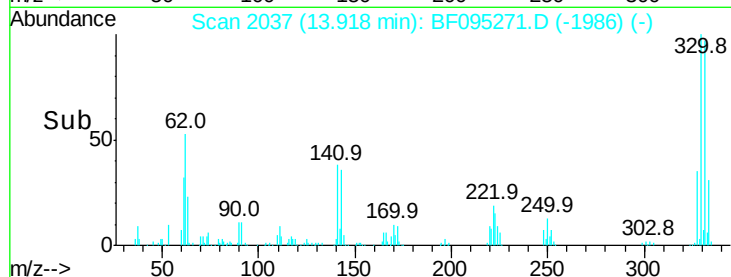
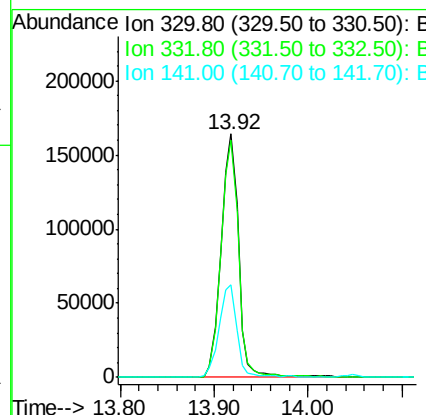
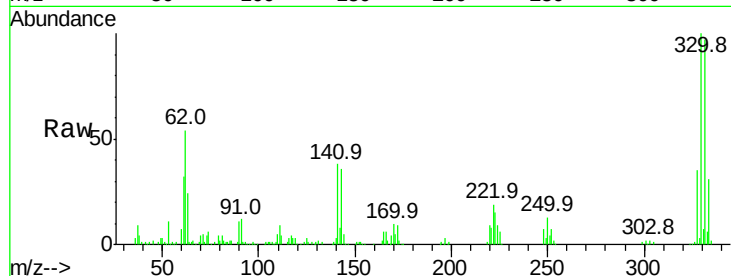




#41
 2,4,6-Tribromophenol
 Concen: 159.63 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

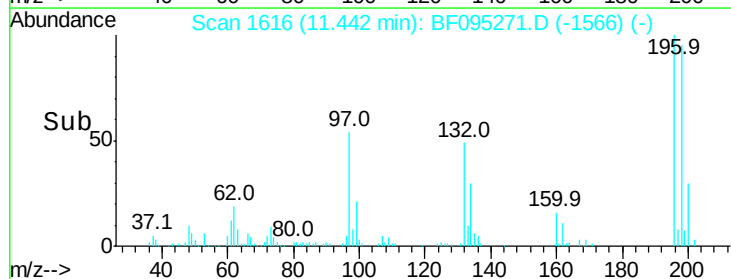
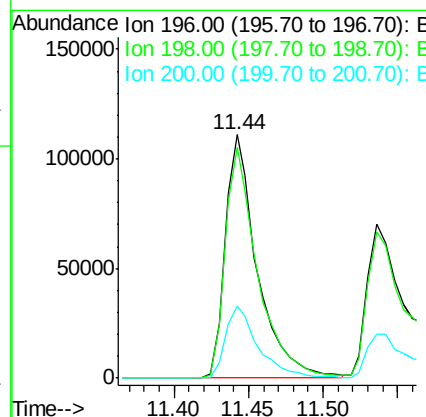
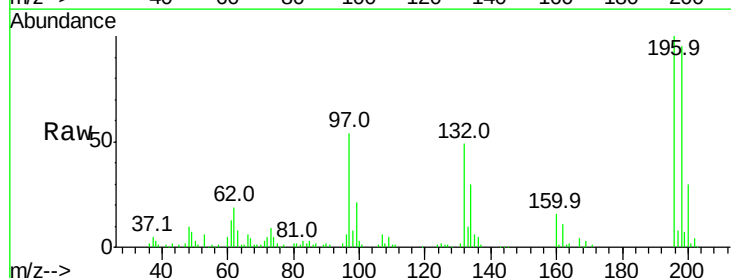
Instrument :
 BNA_F
 ClientSampled :

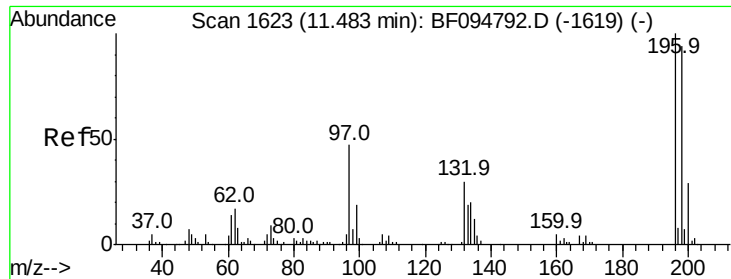
Tot Ion:330 Resp: 215176
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 38.8 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 49.35 ng
 RT: 11.44 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion:196 Resp: 166760
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.2 111.4
 200 29.8 24.0 36.0

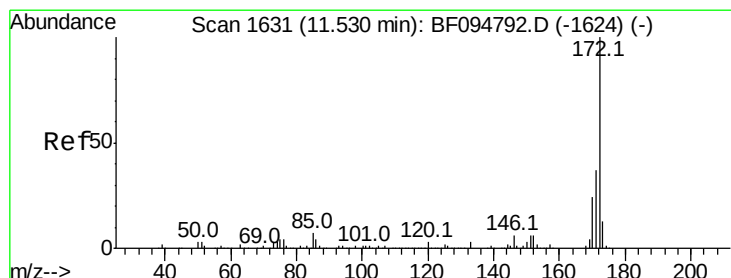
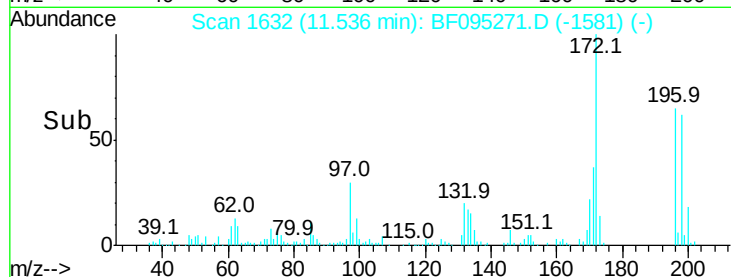
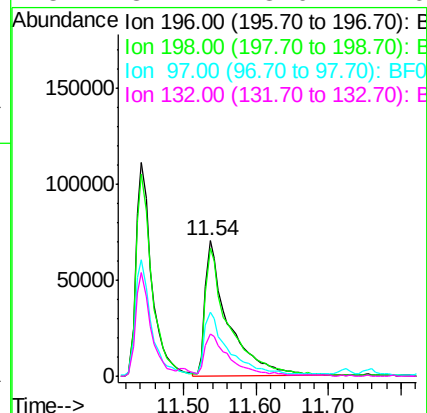
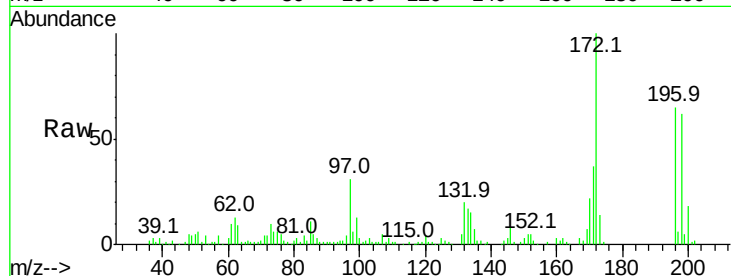




#43
 2,4,5-Trichlorophenol
 Concen: 43.12 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

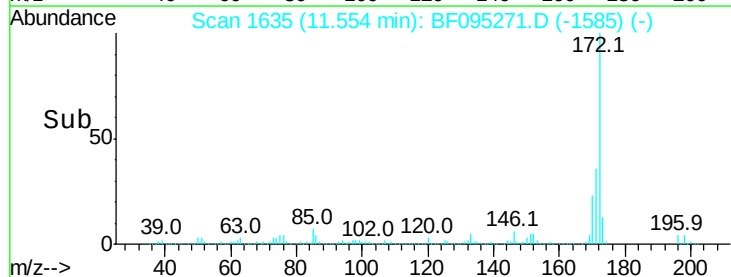
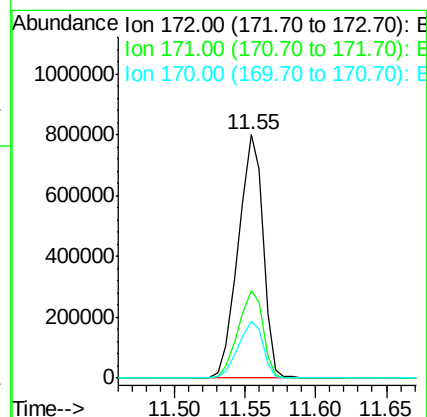
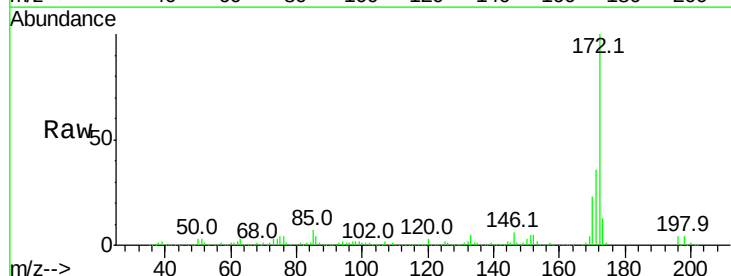
Instrument :
 BNA_F
 ClientSampleId :

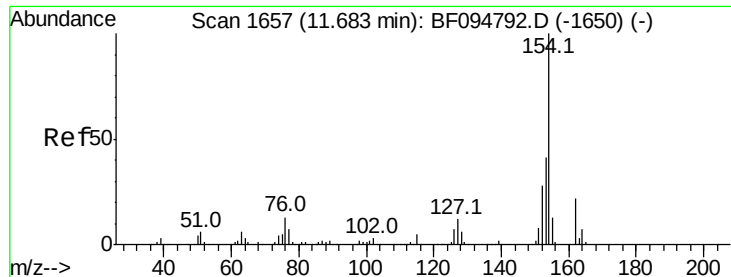
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
97	47.3	47.7	71.5#
132	31.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 85.64 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 48.04 ng

RT: 11.71 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

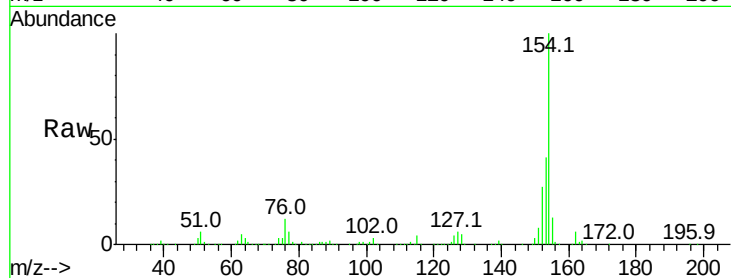
Tot Ion:154 Resp: 665781

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

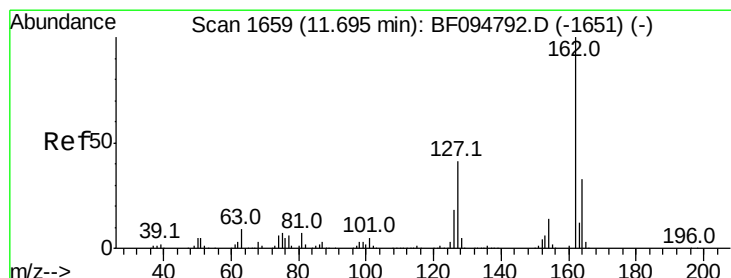
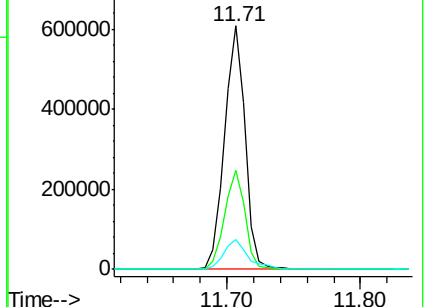
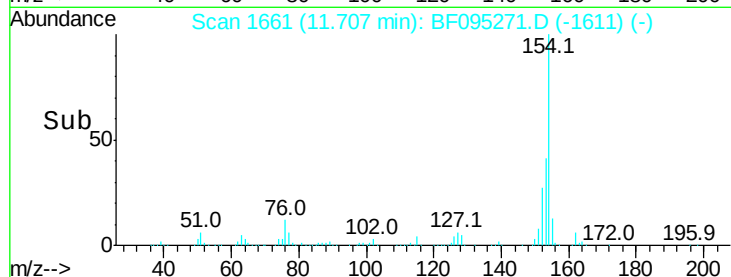
76 12.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.52 ng

RT: 11.72 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

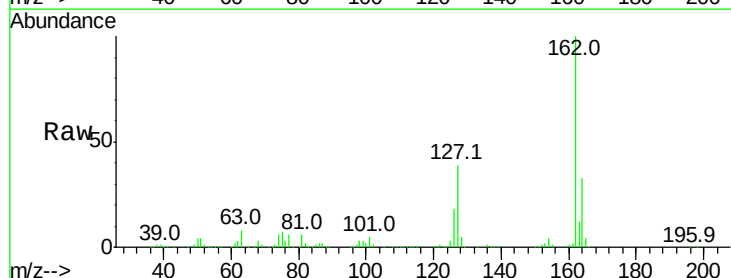
Tgt Ion:162 Resp: 520503

Ion Ratio Lower Upper

162 100

127 39.1 28.3 42.5

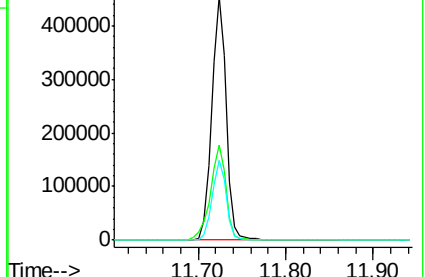
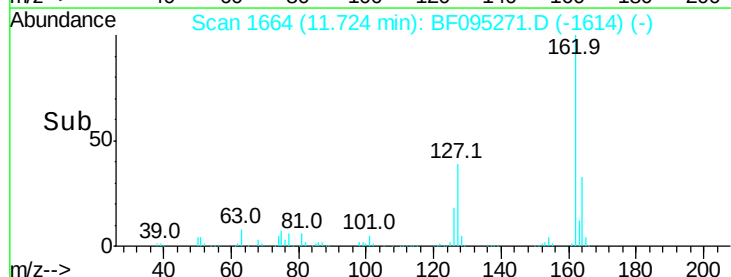
164 32.8 27.0 40.4

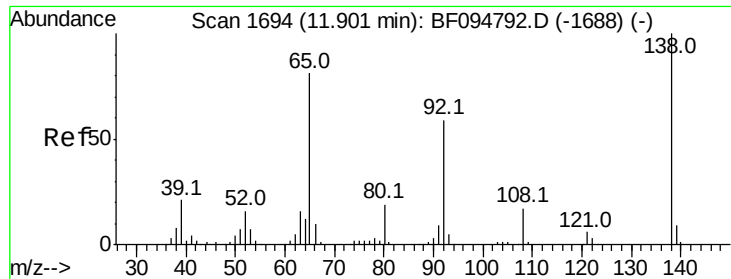


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.53 ng

RT: 11.95 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

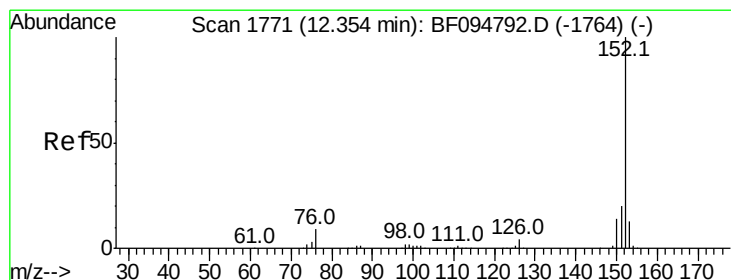
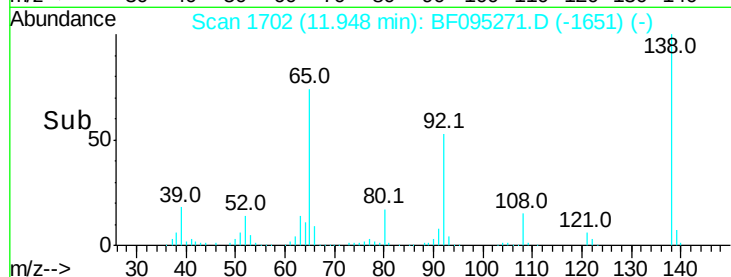
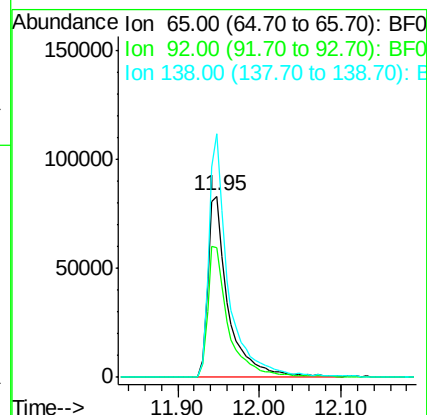
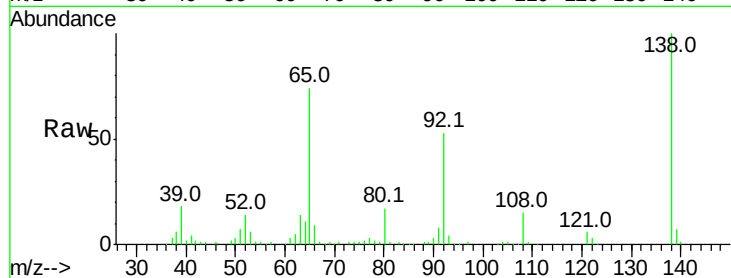
Tot Ion: 65 Resp: 145560

Ion Ratio Lower Upper

65 100

92 71.4 53.9 80.9

138 134.4 78.8 118.2#



#48

Acenaphthylene

Concen: 45.50 ng

RT: 12.38 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

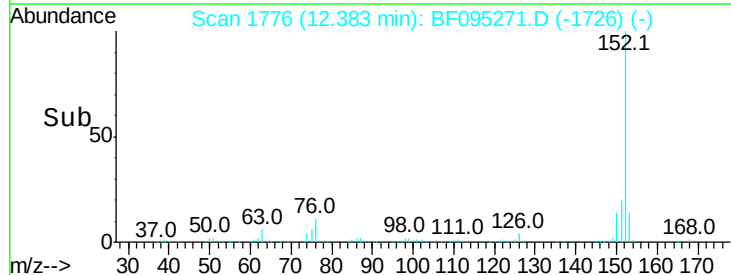
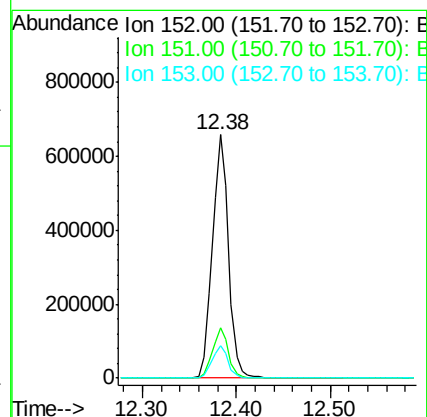
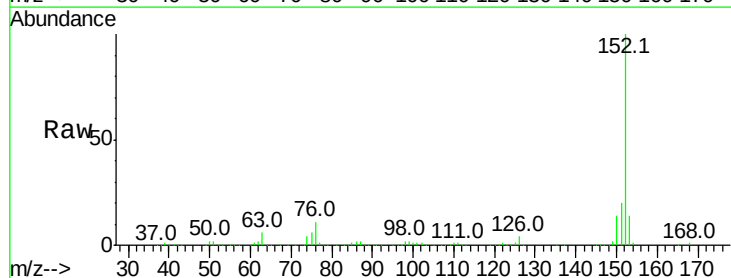
Tgt Ion: 152 Resp: 797455

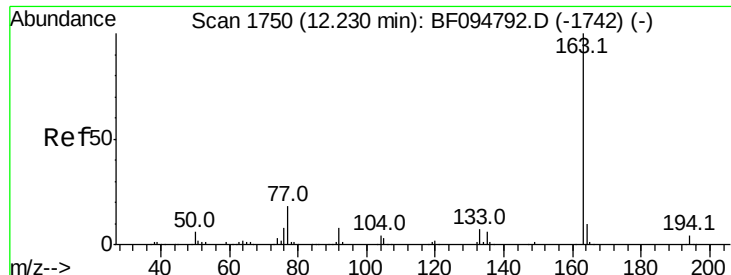
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 58.15 ng

RT: 12.26 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

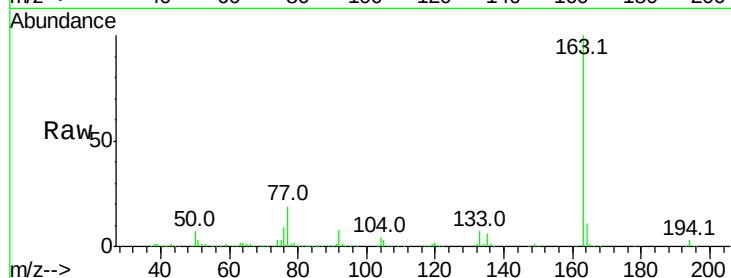
Tot Ion:163 Resp: 785721

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

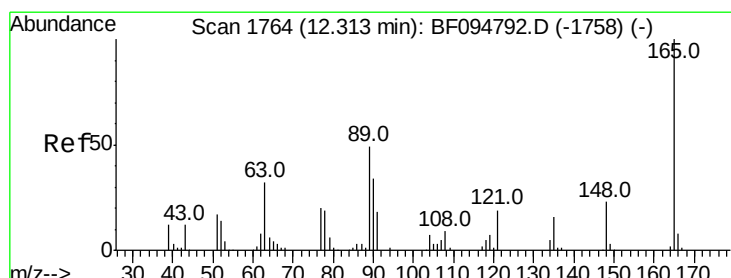
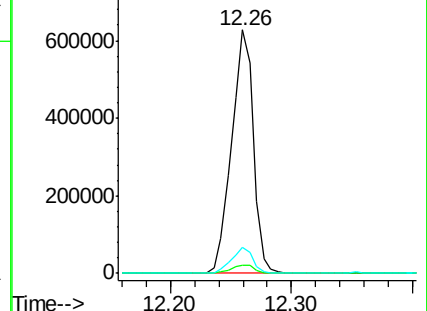
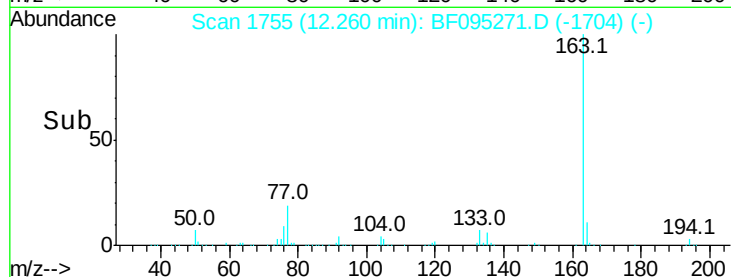
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.05 ng

RT: 12.35 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

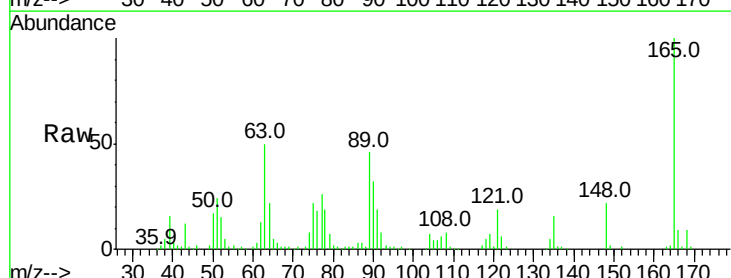
Tgt Ion:165 Resp: 135207

Ion Ratio Lower Upper

165 100

63 49.7 34.3 51.5

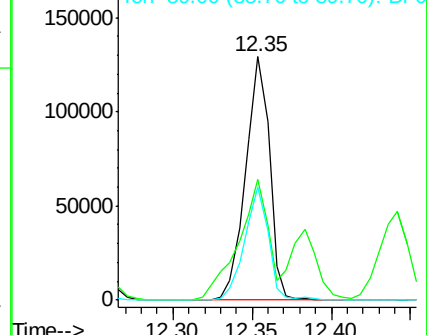
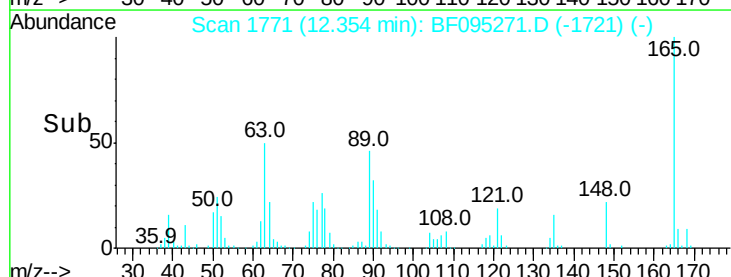
89 46.3 37.1 55.7

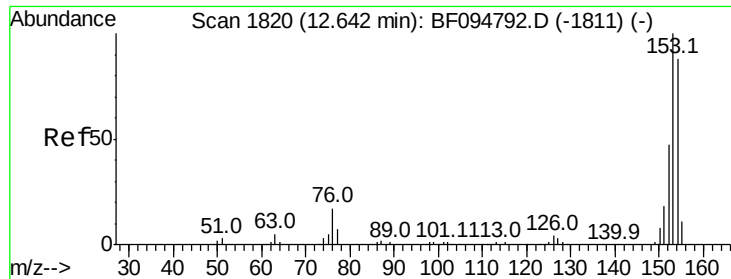


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.51 ng

RT: 12.67 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampled :

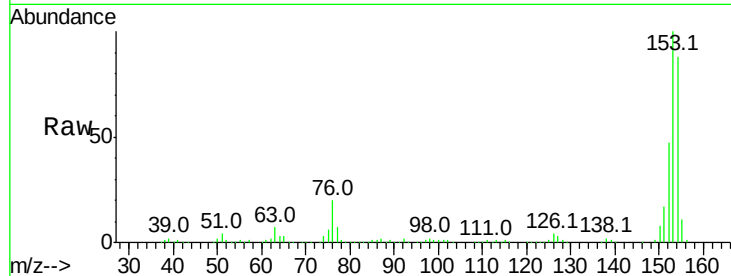
Tot Ion:154 Resp: 486820

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

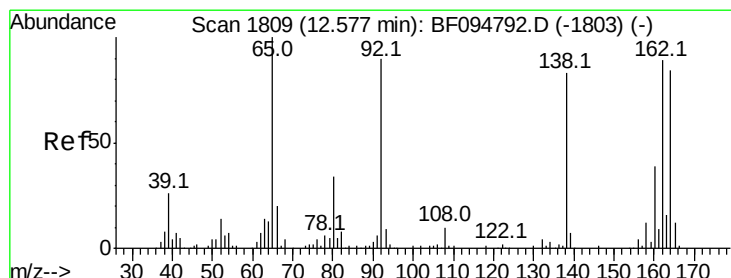
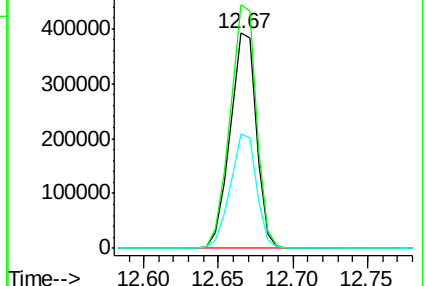
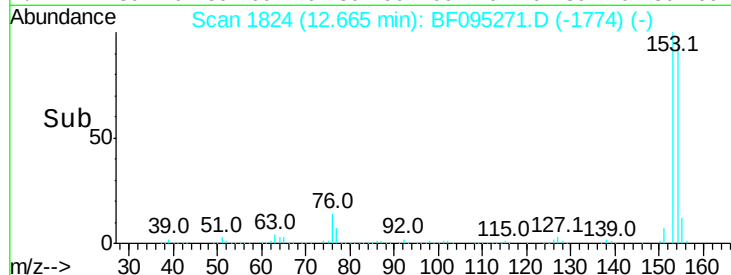
152 53.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.73 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

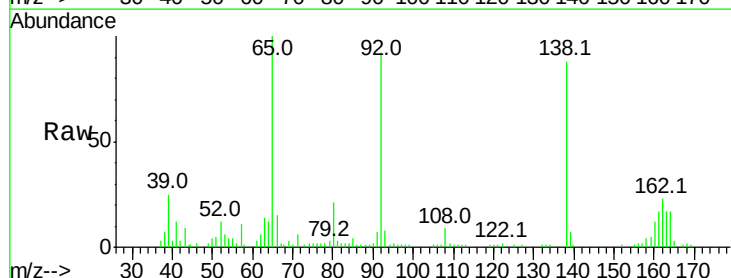
Tgt Ion:138 Resp: 99787

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

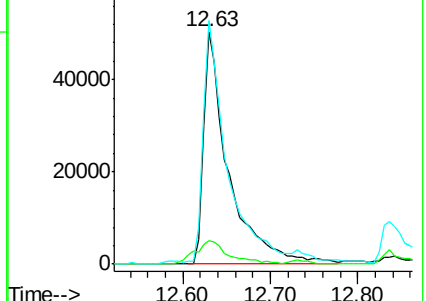
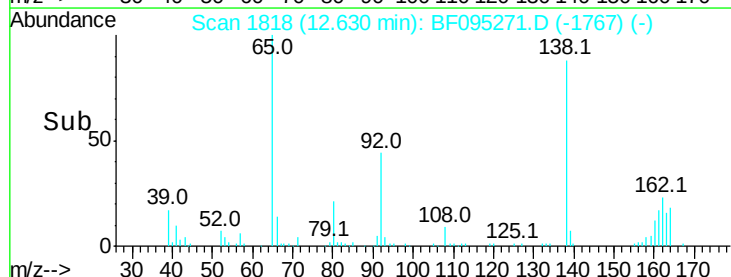
92 104.9 93.8 140.6

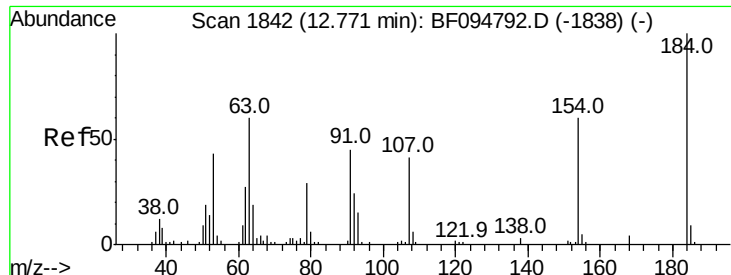


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

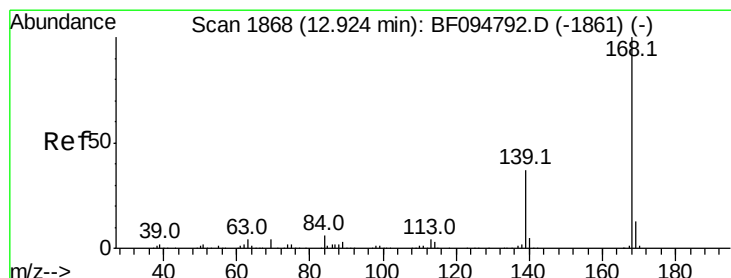
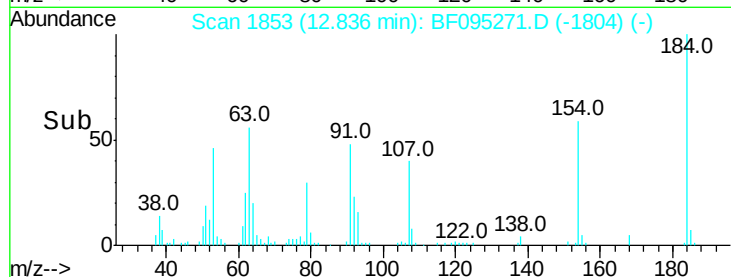
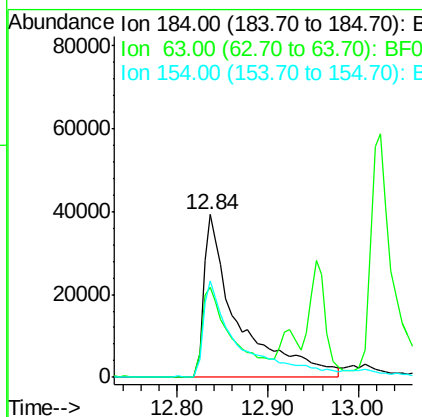
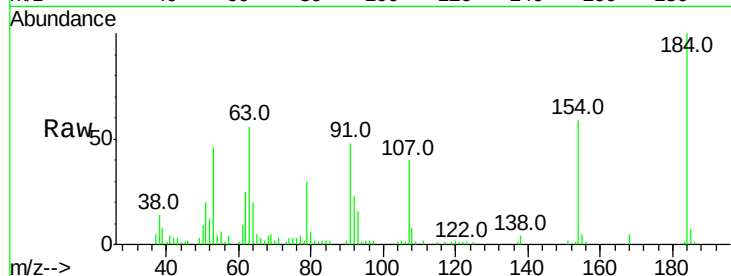




#53
 2,4-Dinitrophenol
 Concen: 68.57 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

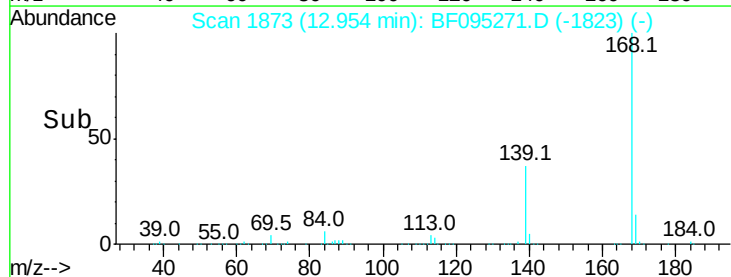
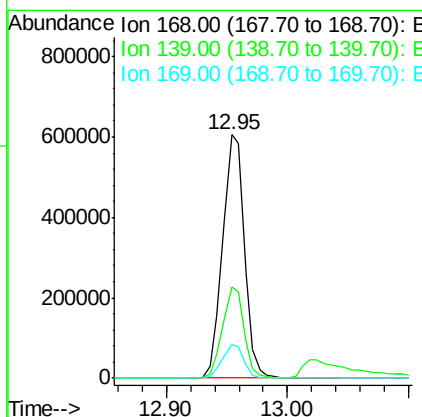
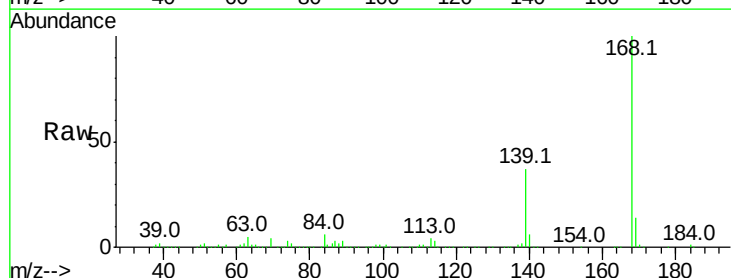
Instrument :
 BNA_F
 ClientSampleId :

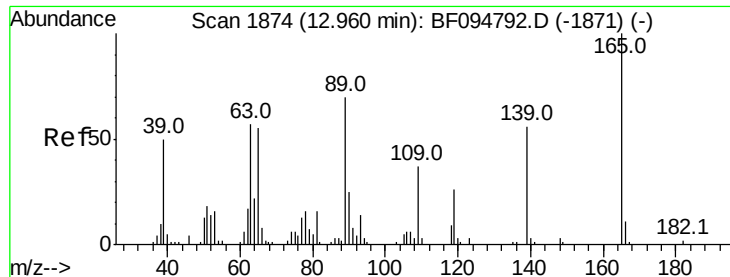
Tot Ion:184 Resp: 102631
 Ion Ratio Lower Upper
 184 100
 63 55.8 62.7 94.1#
 154 59.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 52.04 ng
 RT: 12.95 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion:168 Resp: 753896
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.6 45.8
 169 13.6 10.8 16.2

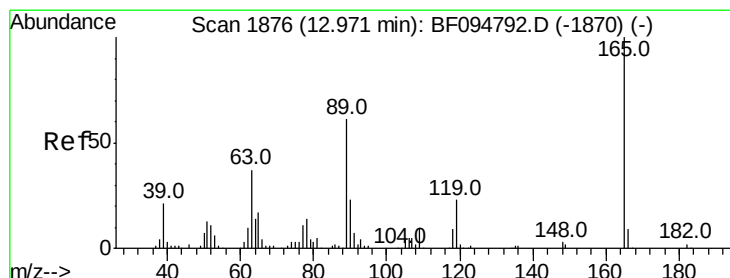
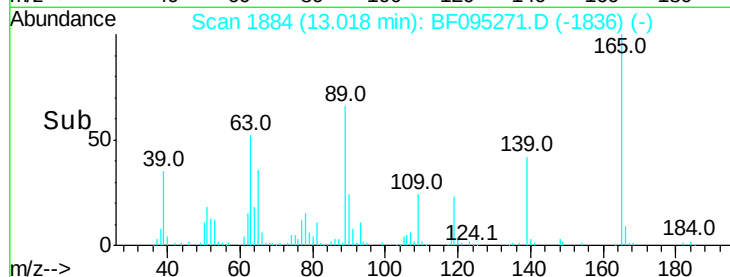
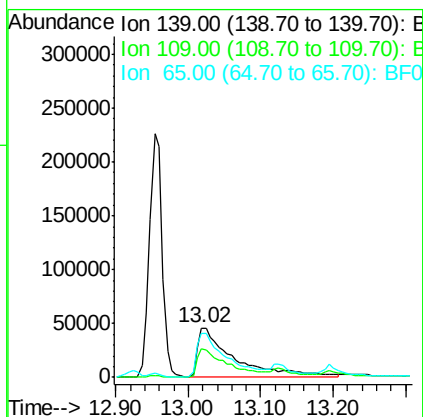
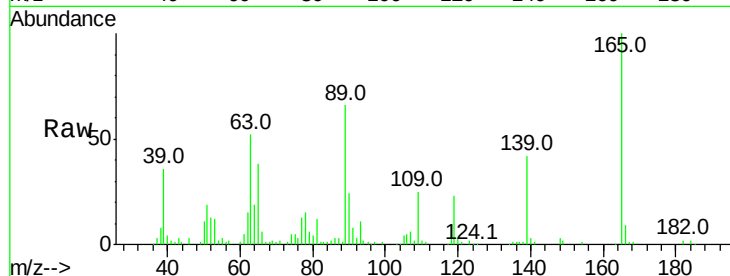




#55
4-Nitrophenol
Concen: 85.22 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

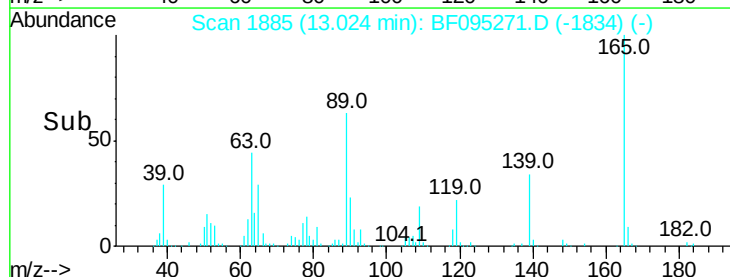
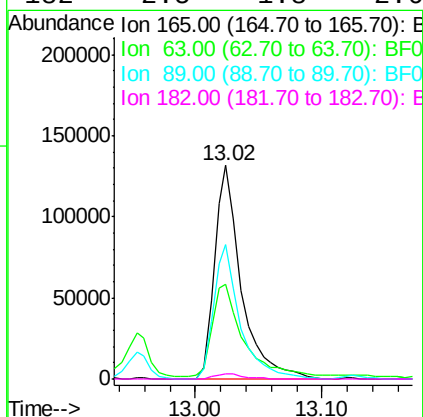
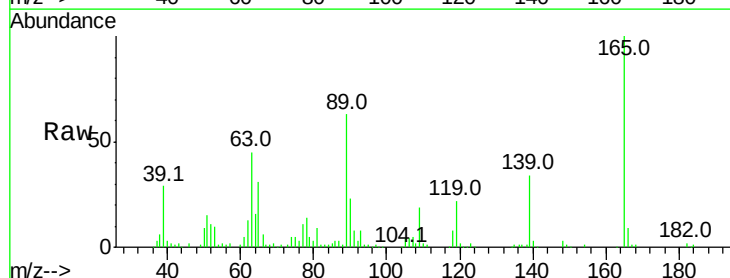
Instrument :
BNA_F
ClientSampleId :

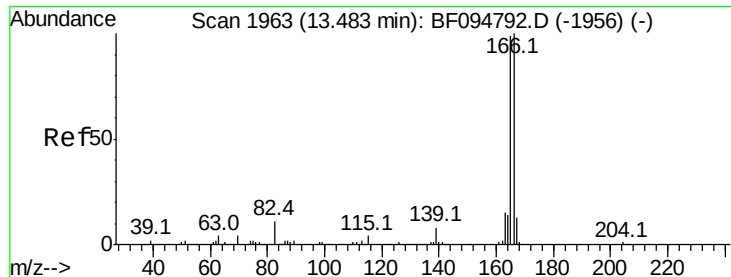
Tot Ion:139 Resp: 151440
Ion Ratio Lower Upper
139 100
109 58.4 34.1 74.1
65 88.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 54.74 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion:165 Resp: 193899
Ion Ratio Lower Upper
165 100
63 44.6 25.4 38.0#
89 63.1 46.4 69.6
182 2.5 1.8 2.6

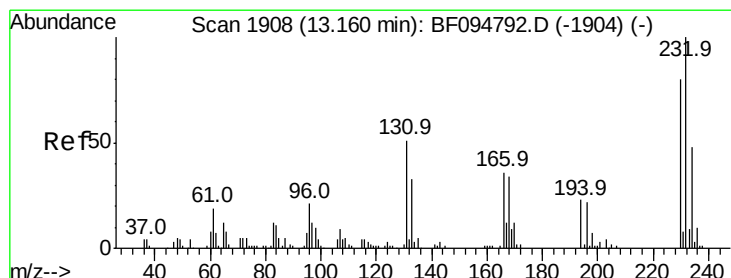
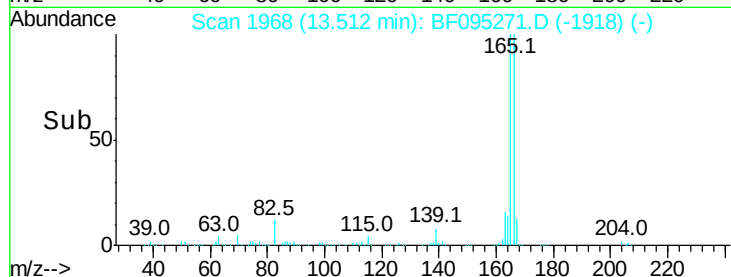
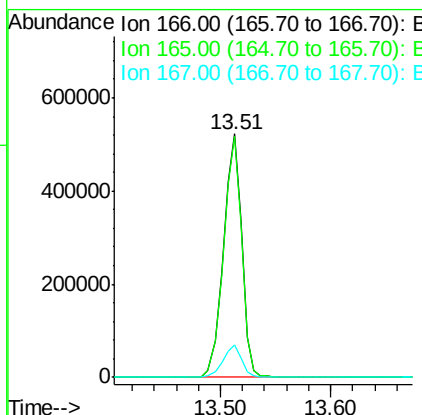
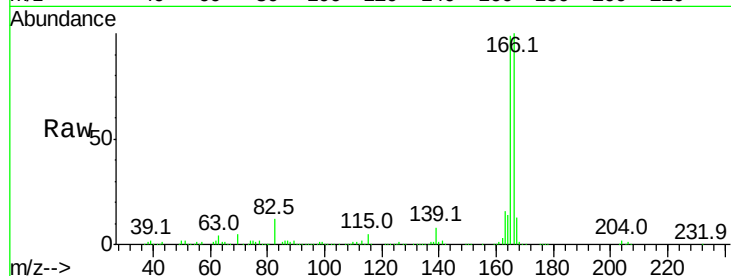




#57
 Fluorene
 Concen: 48.06 ng
 RT: 13.51 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

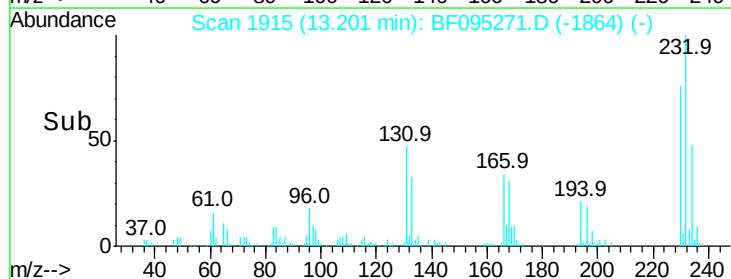
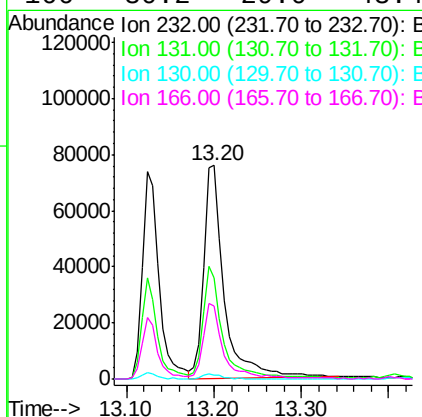
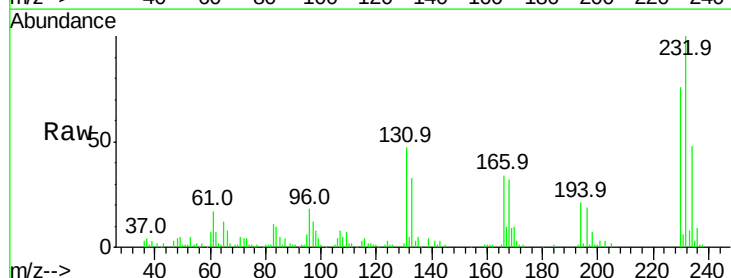
Instrument :
 BNA_F
 ClientSampleId :

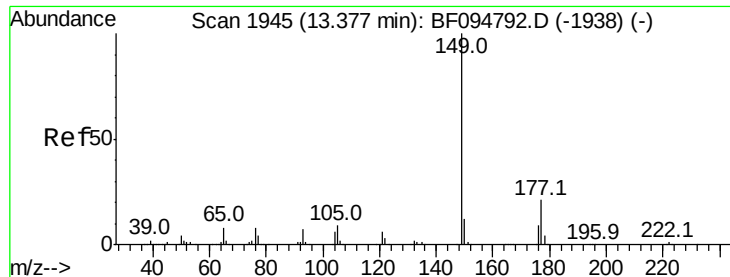
Tot Ion:166 Resp: 605314
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.03 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion:232 Resp: 123508
 Ion Ratio Lower Upper
 232 100
 131 49.9 44.8 67.2
 130 2.2 2.3 3.5#
 166 30.2 29.0 43.4

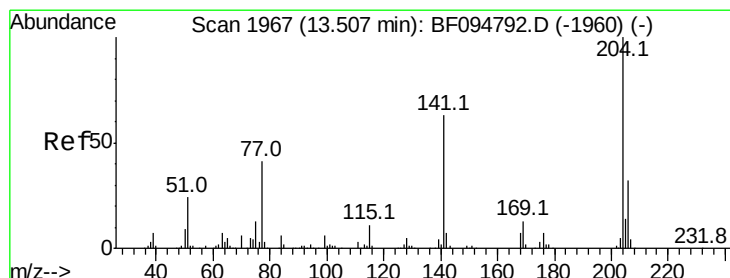
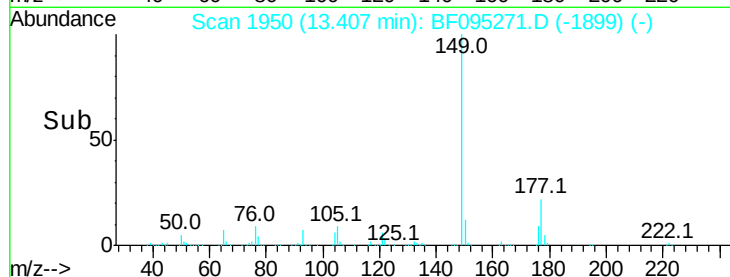
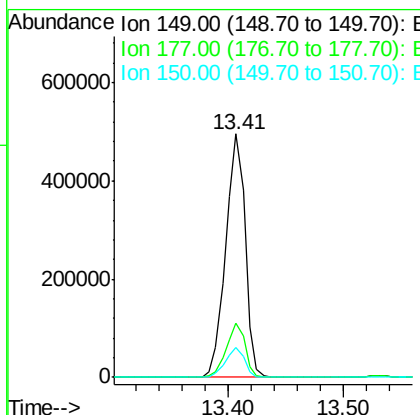
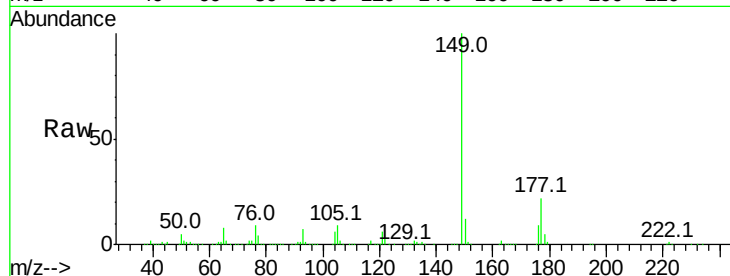




#59
Diethylphthalate
Concen: 44.67 ng
RT: 13.41 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

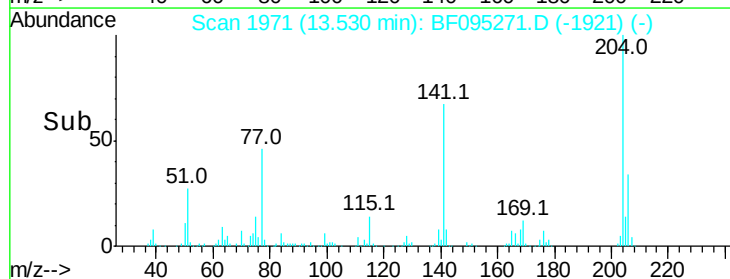
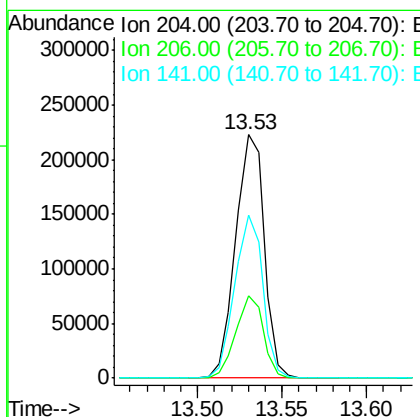
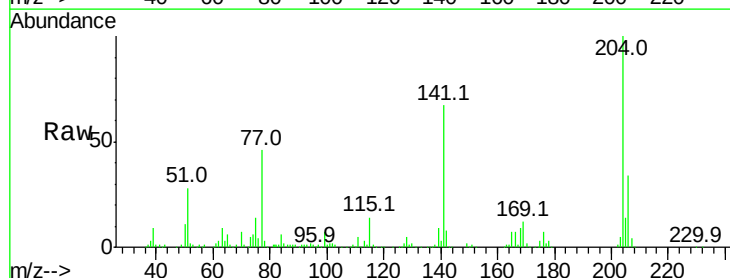
Instrument :
BNA_F
ClientSampleId :

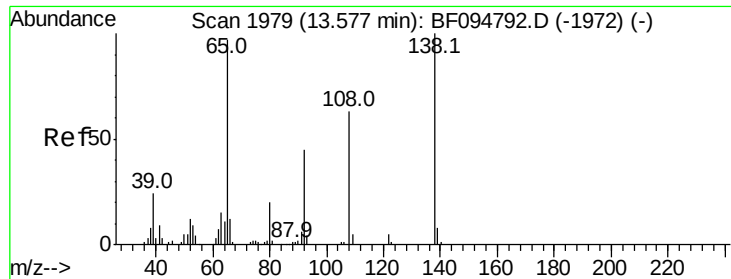
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.7	25.1
150	12.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.79 ng
RT: 13.53 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	67.2	60.8	91.2

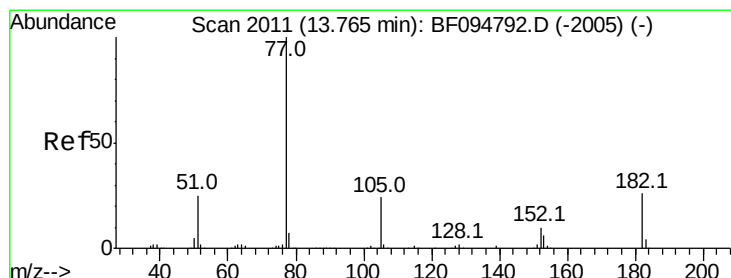
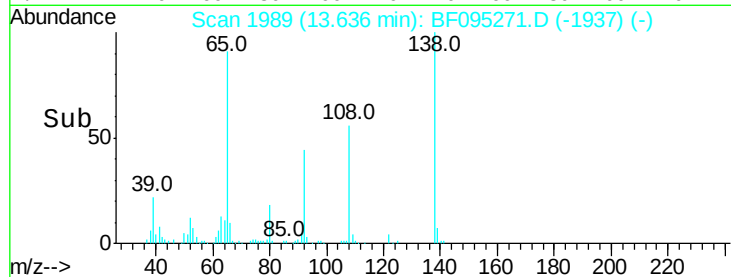
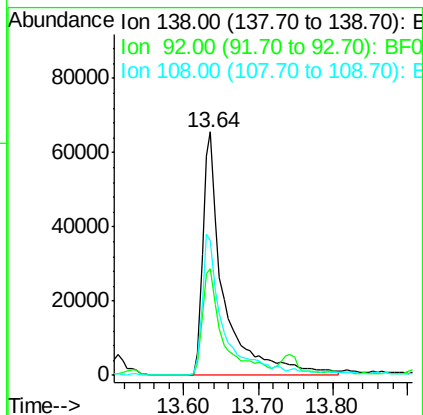
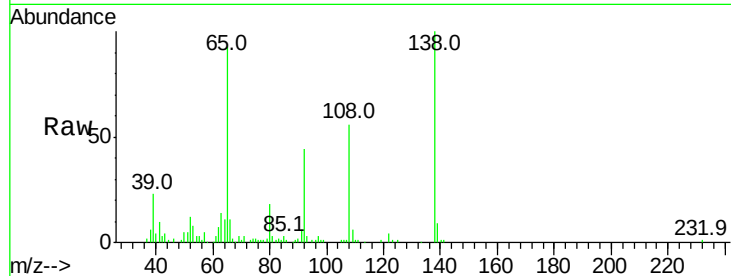




#61
4-Nitroaniline
Concen: 47.54 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

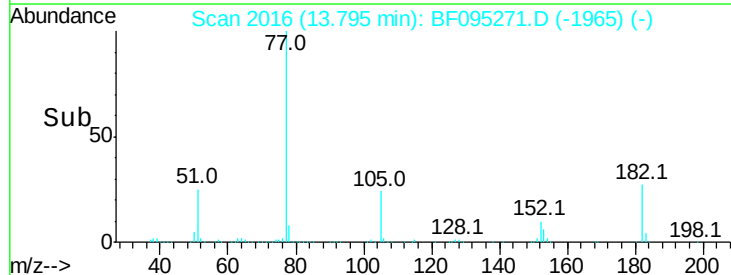
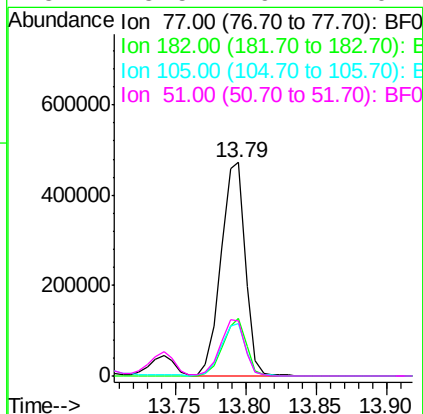
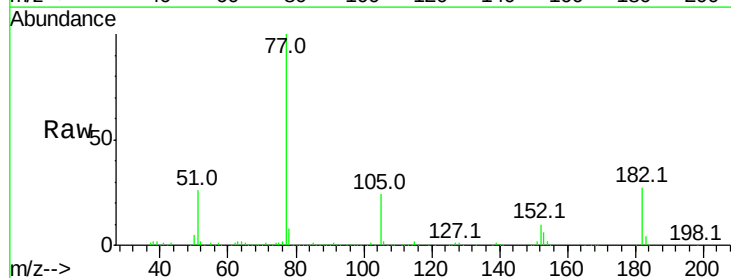
Instrument :
BNA_F
ClientSampleId :

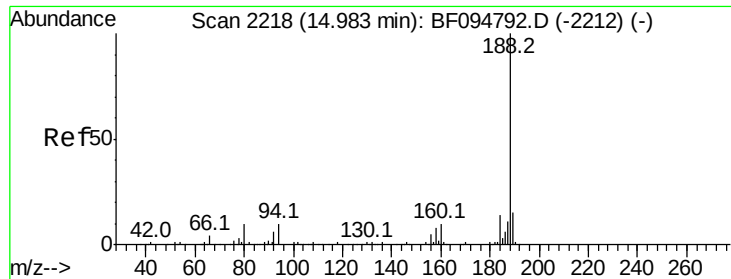
Tot Ion:138 Resp: 129138
Ion Ratio Lower Upper
138 100
92 43.8 21.8 61.8
108 55.6 42.3 82.3



#62
Azobenzene
Concen: 54.26 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion: 77 Resp: 564649
Ion Ratio Lower Upper
77 100
182 27.0 0.1 40.1
105 24.4 3.6 43.6
51 25.5 9.4 49.4

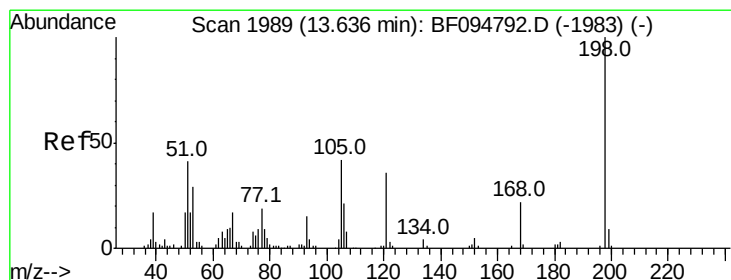
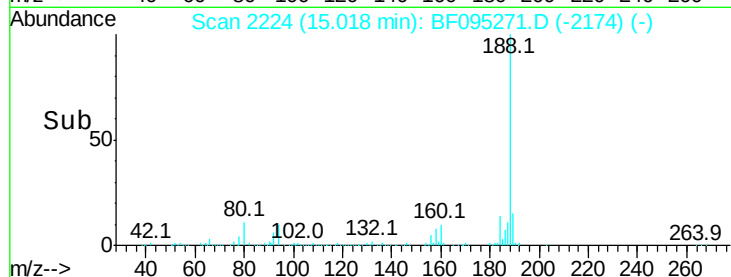
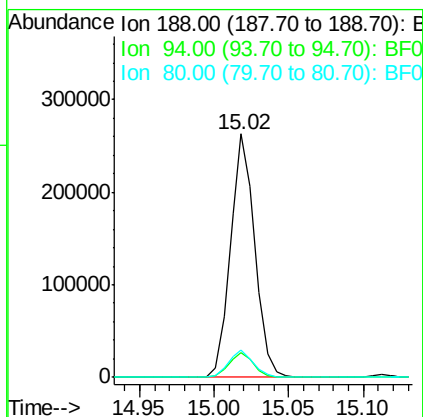
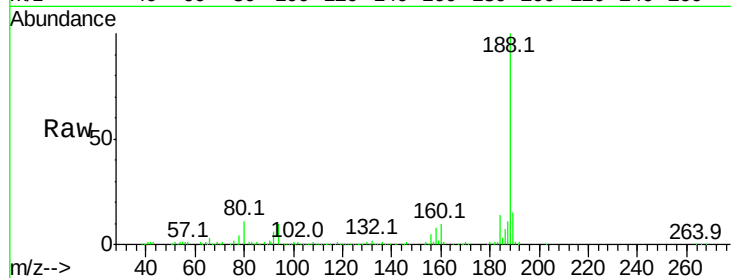




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

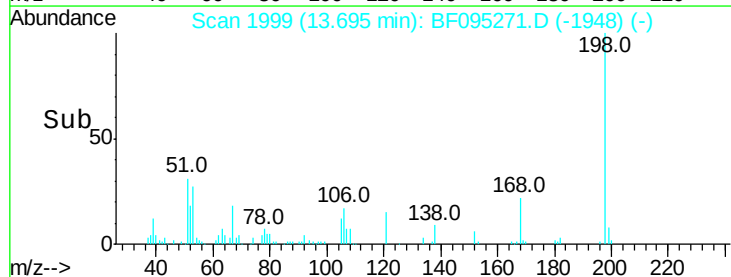
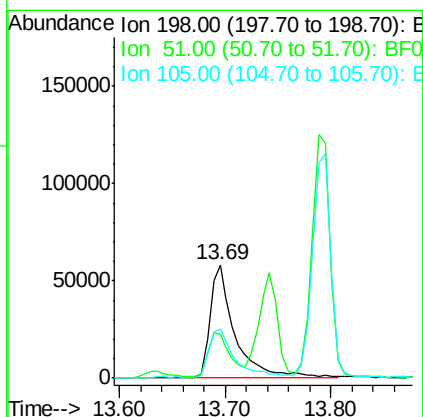
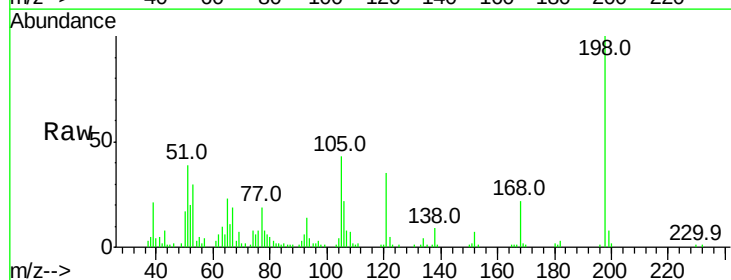
Instrument :
 BNA_F
 ClientSampleId :

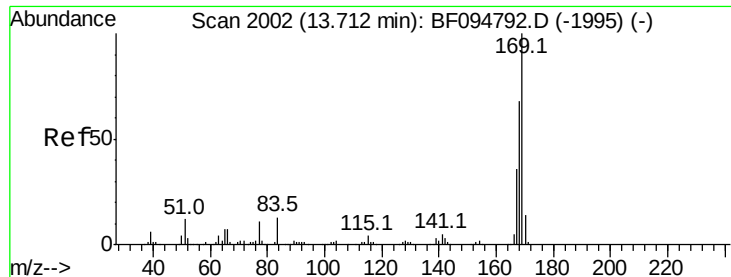
Tot Ion:188 Resp: 300663
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.2 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.36 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion:198 Resp: 95461
 Ion Ratio Lower Upper
 198 100
 51 39.1 53.2 93.2#
 105 43.3 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 48.03 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

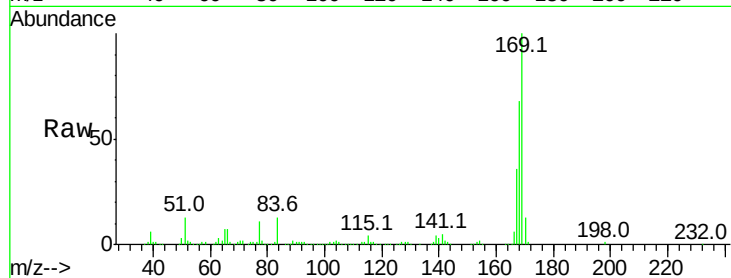
Tot Ion:169 Resp: 524155

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

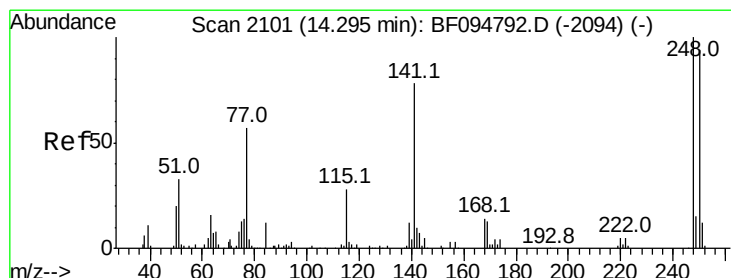
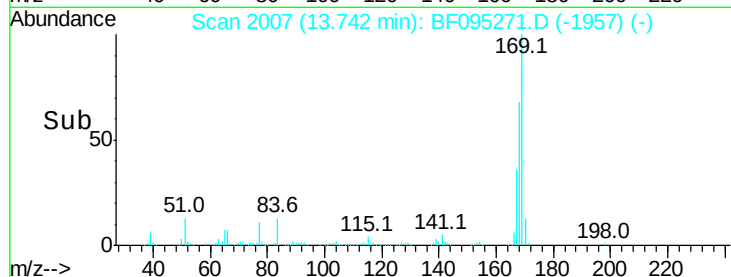
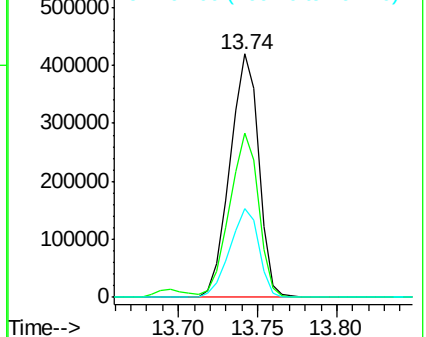
167 36.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.92 ng

RT: 14.32 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

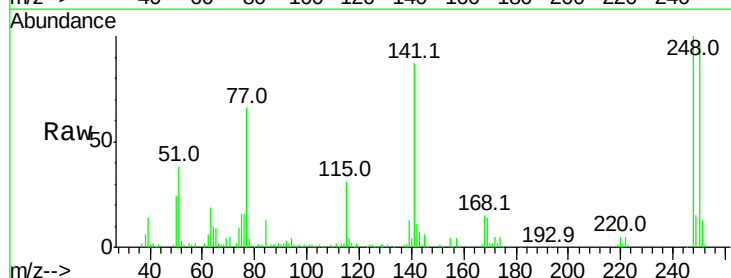
Tgt Ion:248 Resp: 152215

Ion Ratio Lower Upper

248 100

250 96.1 76.8 115.2

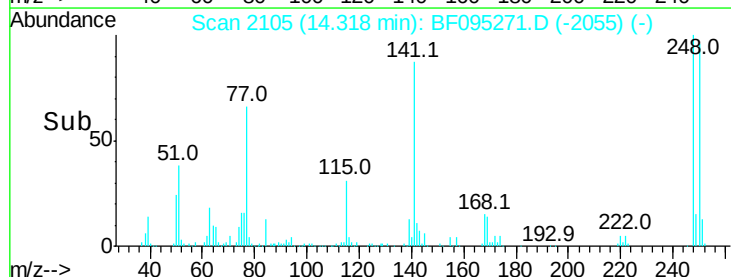
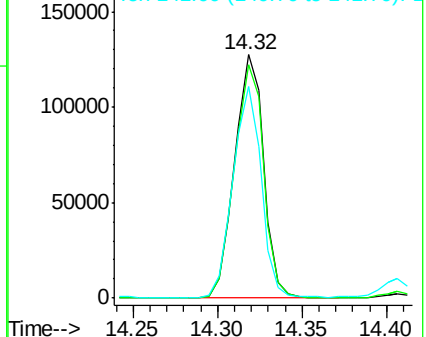
141 87.0 68.6 103.0

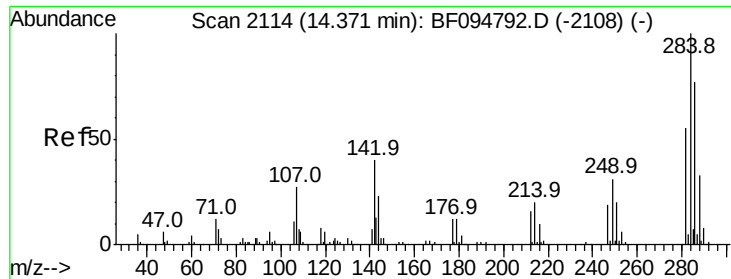


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

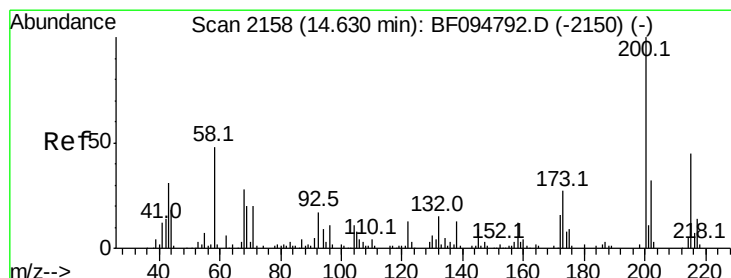
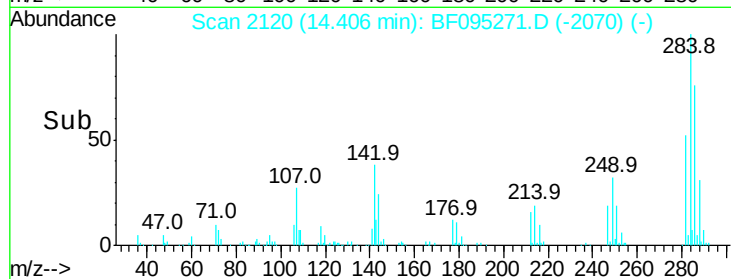
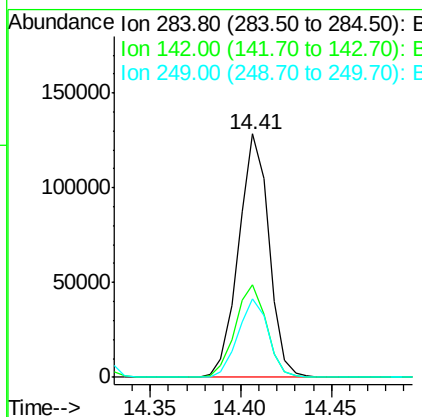
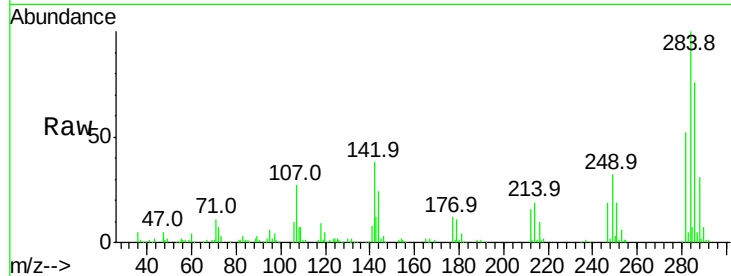




#67
Hexachlorobenzene
Concen: 45.77 ng
RT: 14.41 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

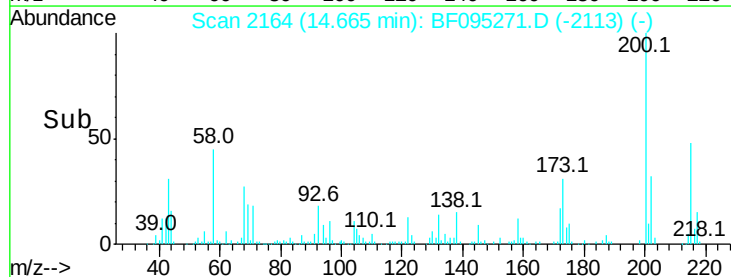
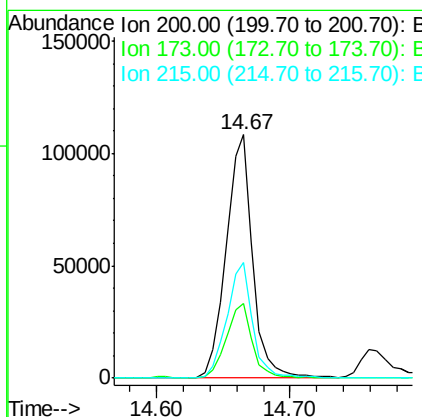
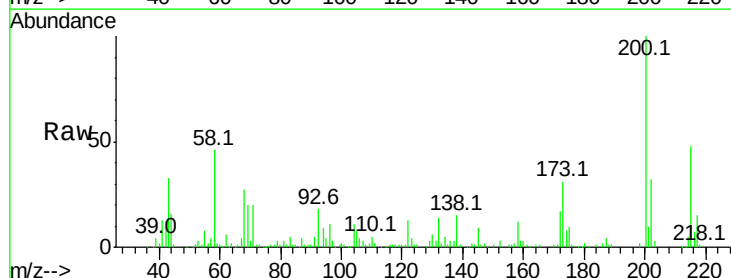
Instrument :
BNA_F
ClientSampleId :

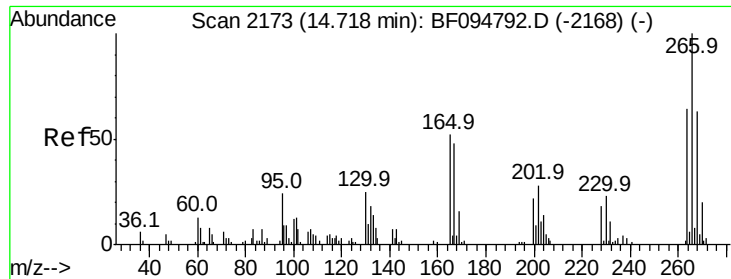
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.1	22.8	34.2#
249	32.2	24.0	36.0



#68
Atrazine
Concen: 48.81 ng
RT: 14.67 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.6	6.3	46.3
215	47.6	27.2	67.2

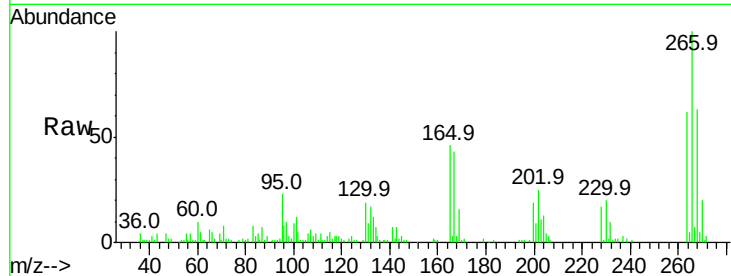




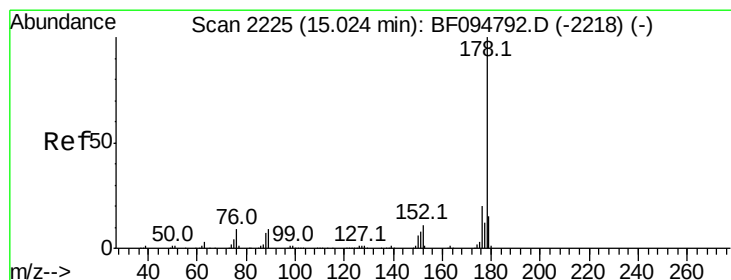
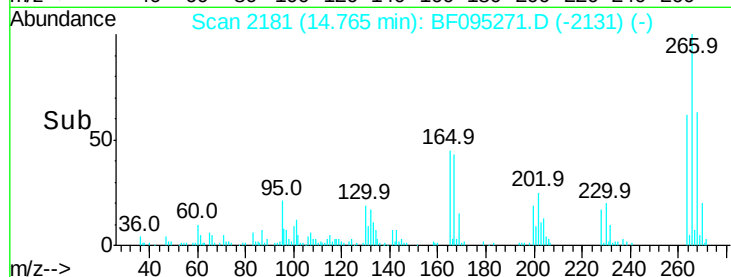
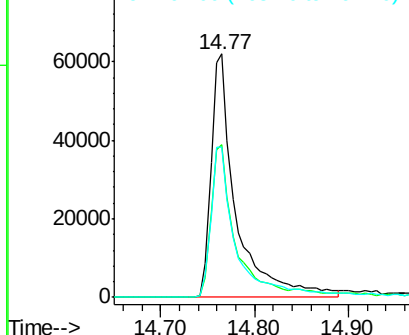
#69
 Pentachlorophenol
 Concen: 78.57 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	61.6	51.7	77.5

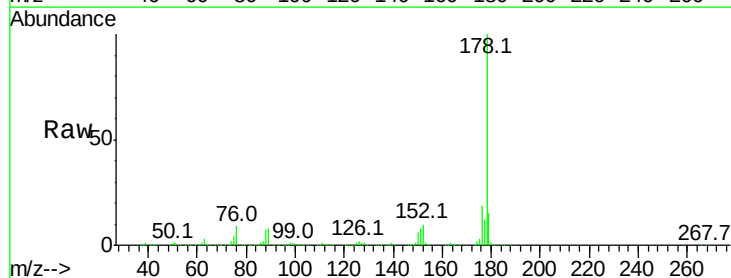


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

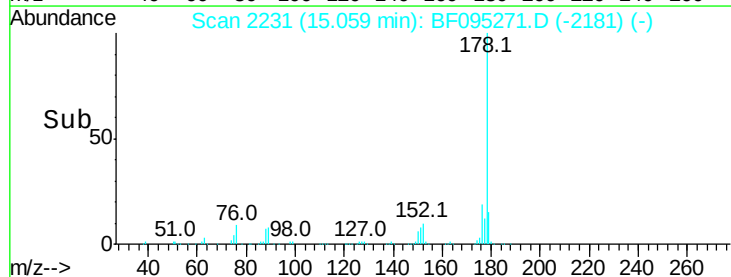
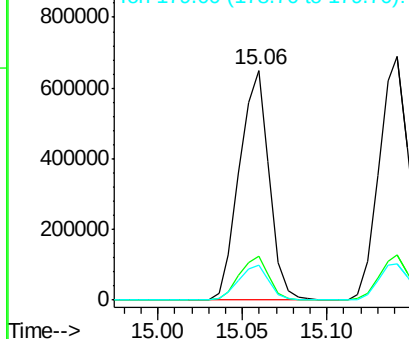


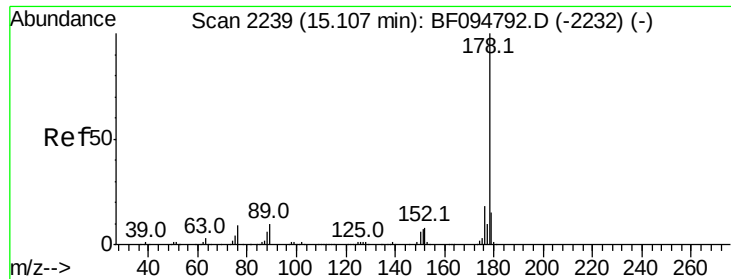
#70
 Phenanthrene
 Concen: 46.20 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.0	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

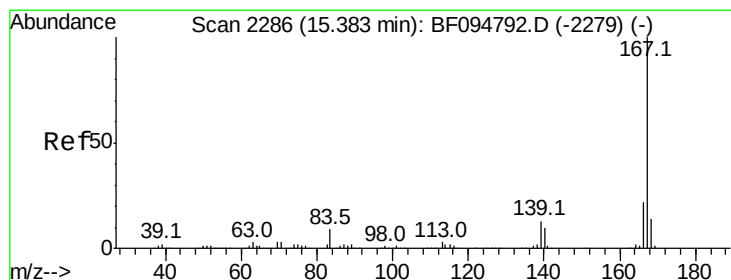
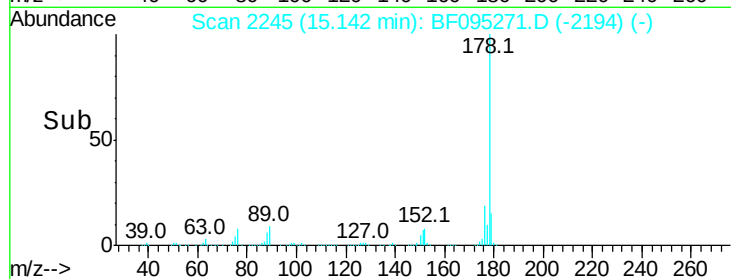
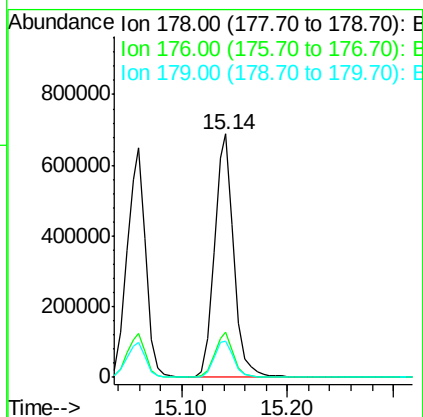
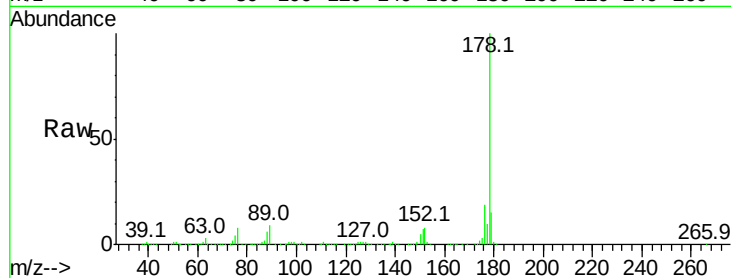




#71
 Anthracene
 Concen: 49.98 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

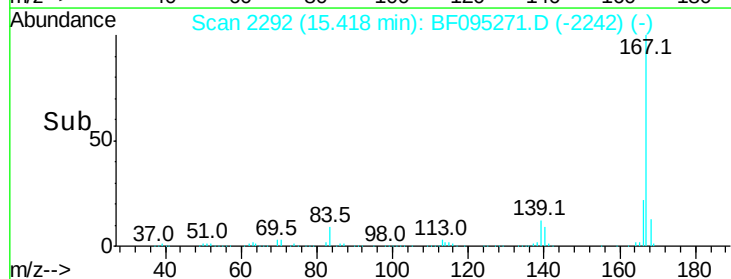
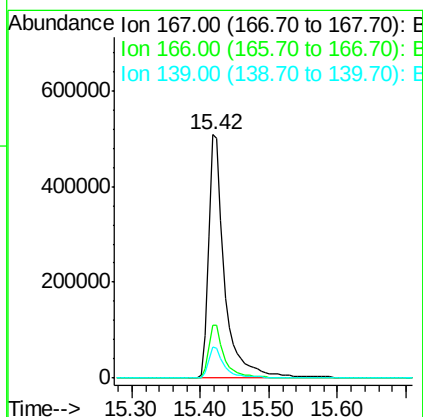
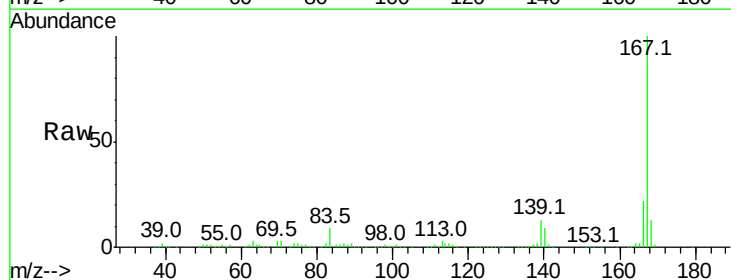
Instrument :
 BNA_F
 ClientSampleId :

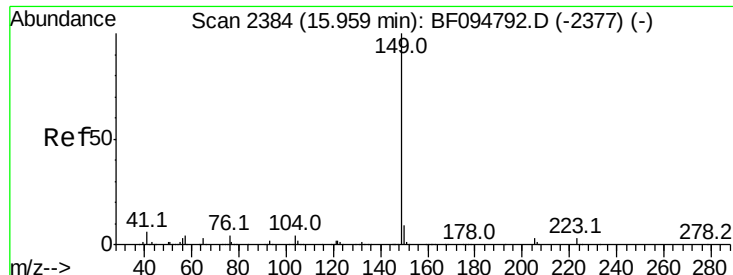
Tot Ion:178 Resp: 881999
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 51.82 ng
 RT: 15.42 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion:167 Resp: 831966
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.7 11.7 17.5

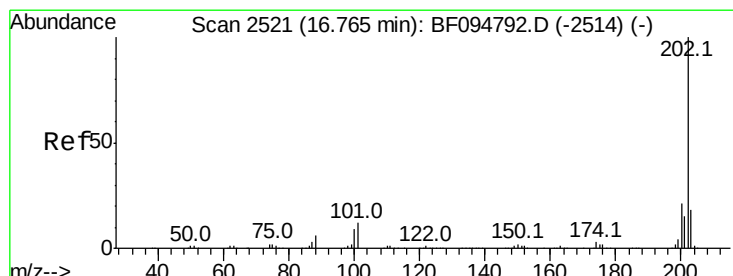
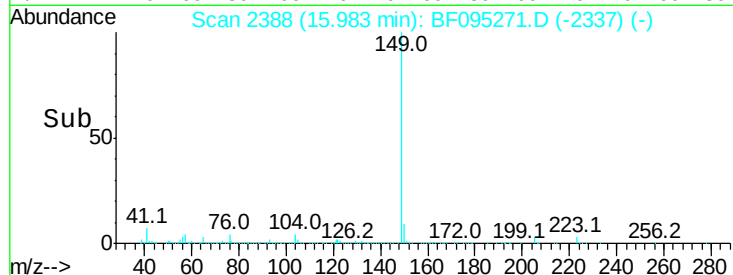
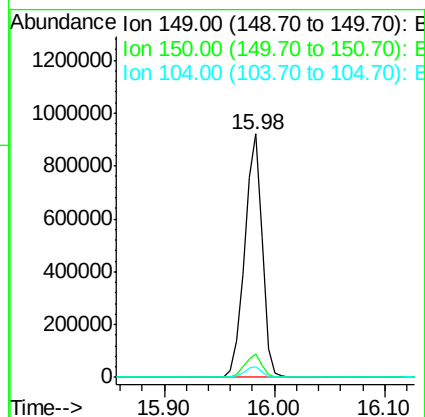
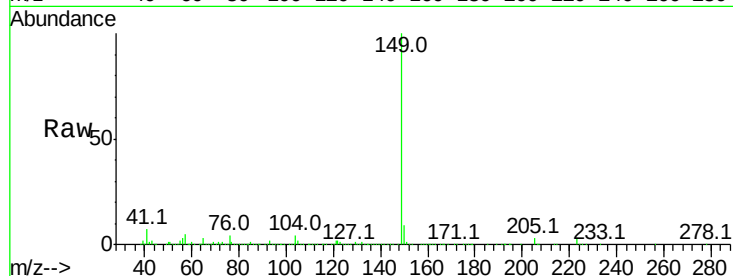




#73
Di-n-butylphthalate
Concen: 51.19 ng
RT: 15.98 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

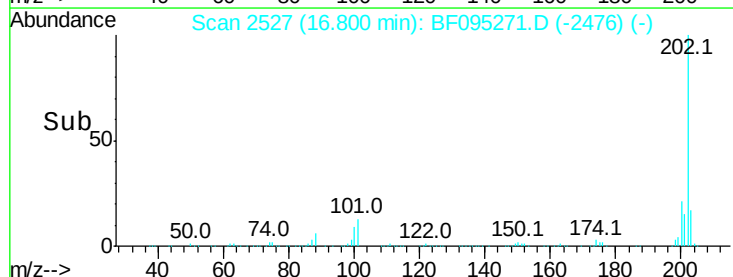
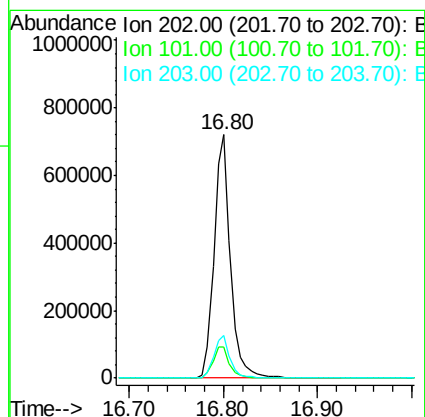
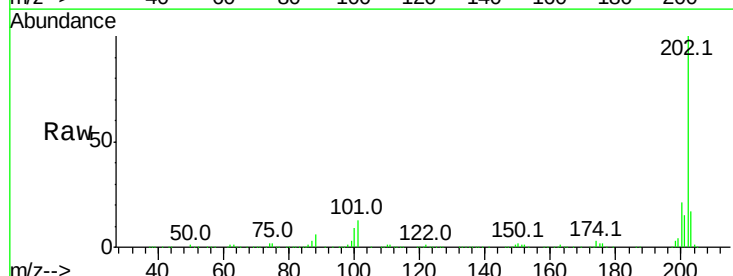
Instrument :
BNA_F
ClientSampleId :

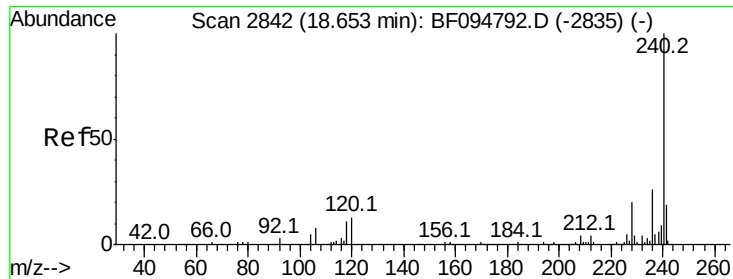
Tot Ion:149 Resp: 1025005
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 50.06 ng
RT: 16.80 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion:202 Resp: 887071
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

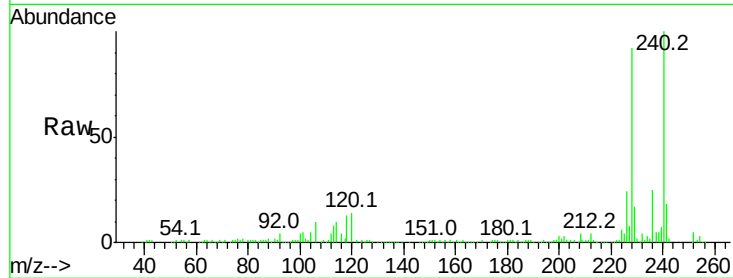
Tot Ion:240 Resp: 202320

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

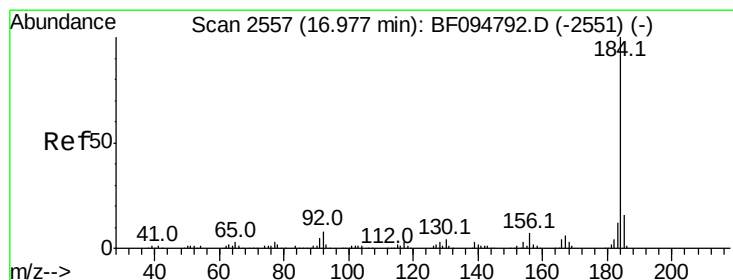
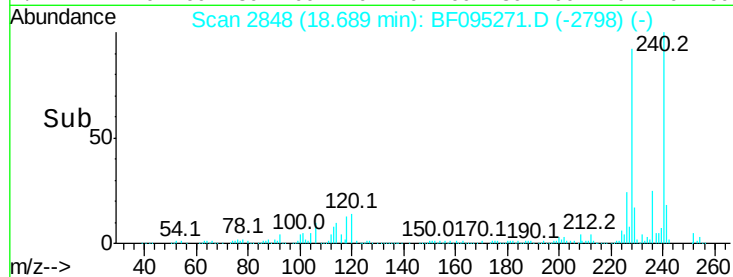
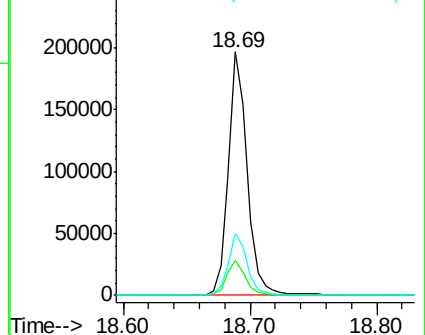
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.03 ng

RT: 17.02 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

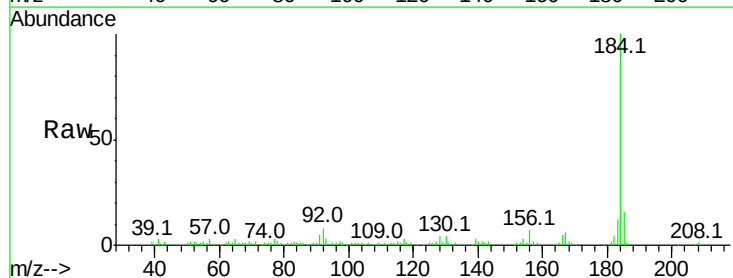
Tgt Ion:184 Resp: 205739

Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

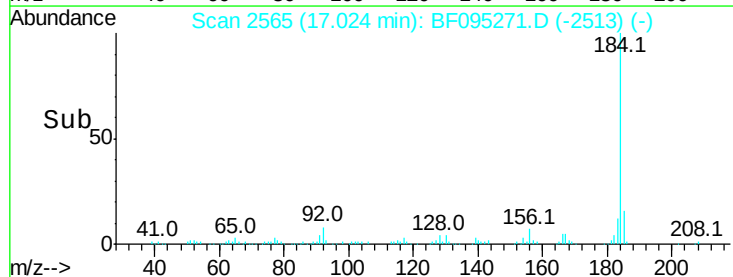
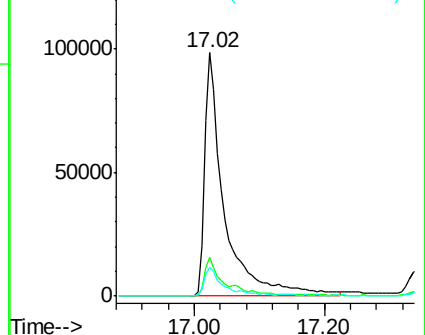
183 11.9 9.8 14.6

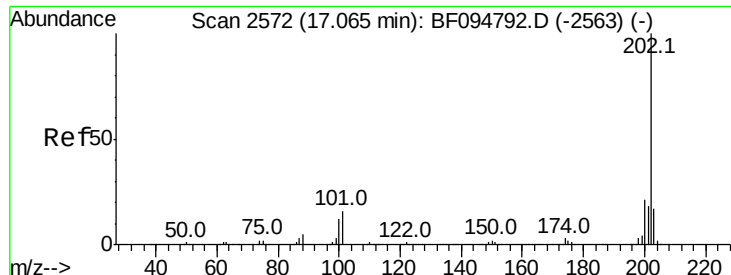


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 57.23 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampled :

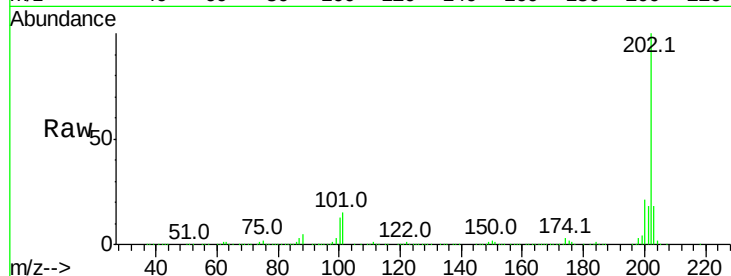
Tot Ion:202 Resp: 865943

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

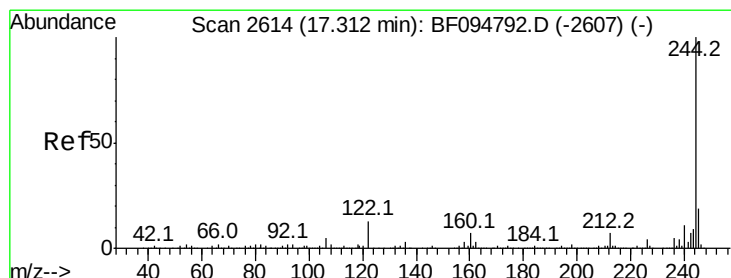
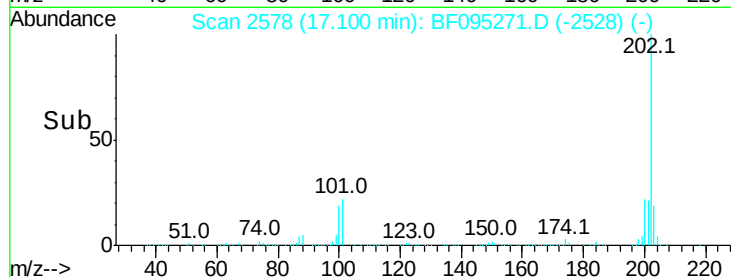
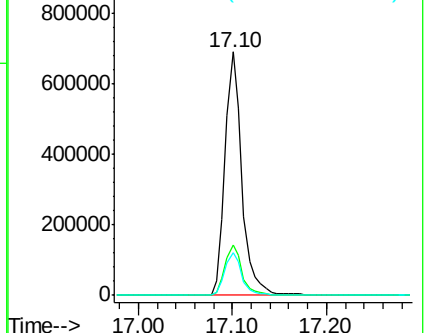
203 17.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 98.87 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

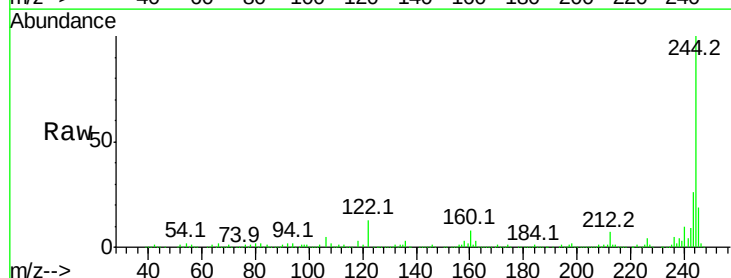
Tgt Ion:244 Resp: 908183

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

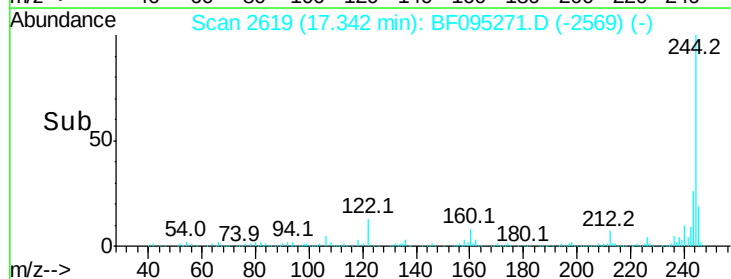
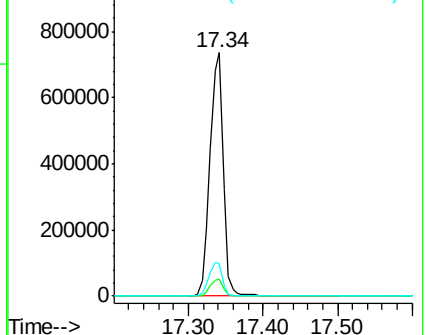
122 13.4 10.3 15.5

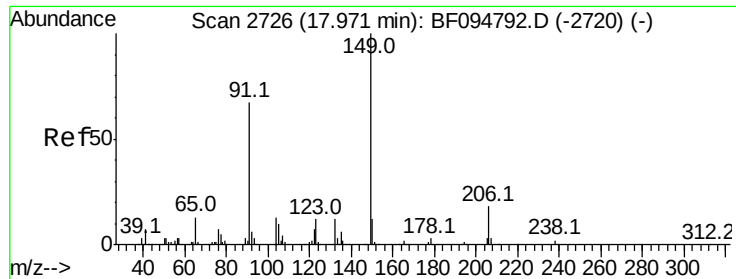


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.50 ng

RT: 17.99 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampled :

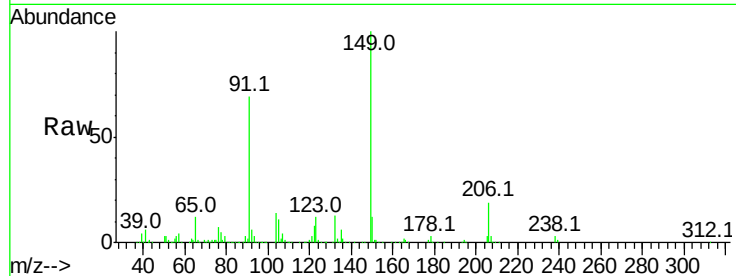
Tot Ion:149 Resp: 383568

Ion Ratio Lower Upper

149 100

91 69.4 45.0 67.4#

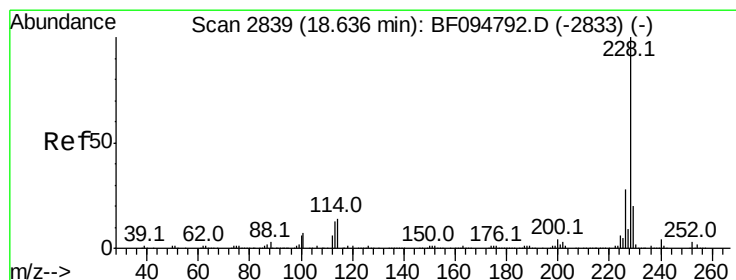
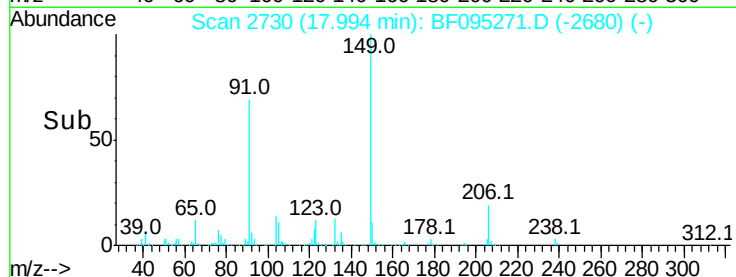
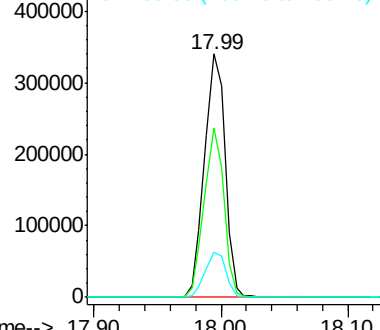
206 18.8 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.74 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

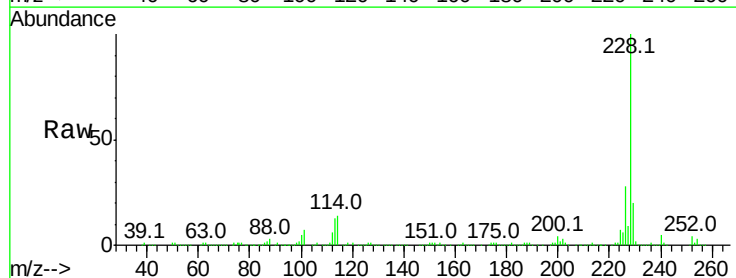
Tgt Ion:228 Resp: 573862

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

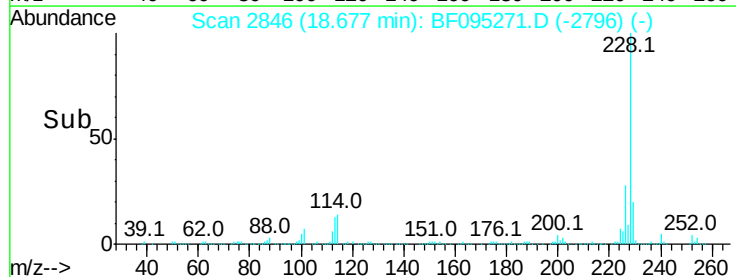
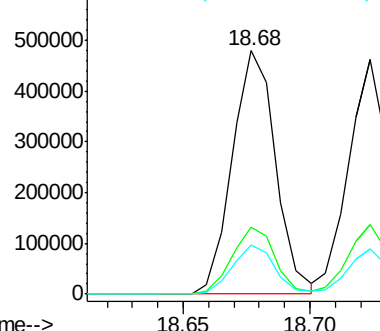
229 20.3 16.3 24.5

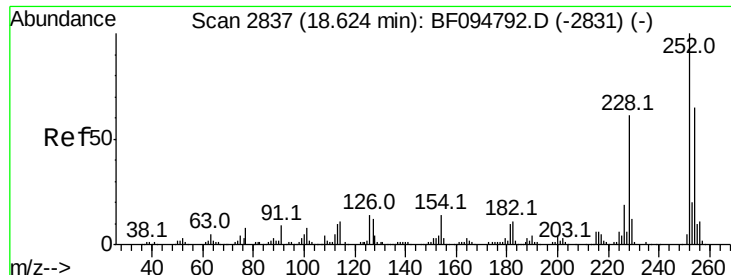


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

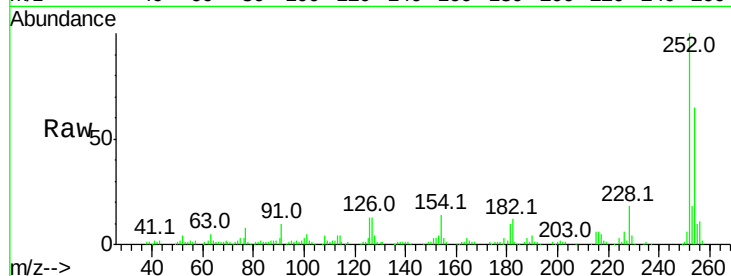




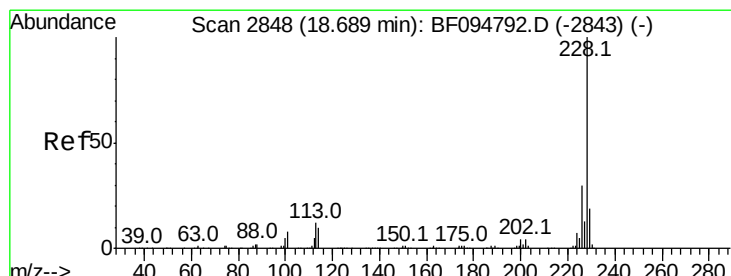
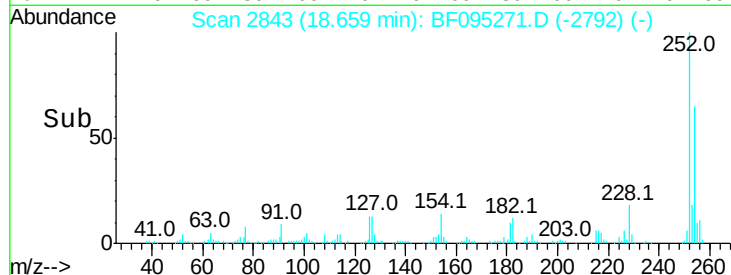
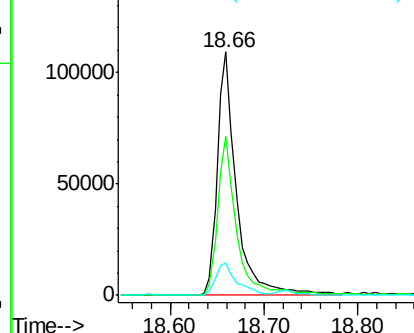
#81
 3,3'-Dichlorobenzidine
 Concen: 38.93 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	13.2	15.8	23.8

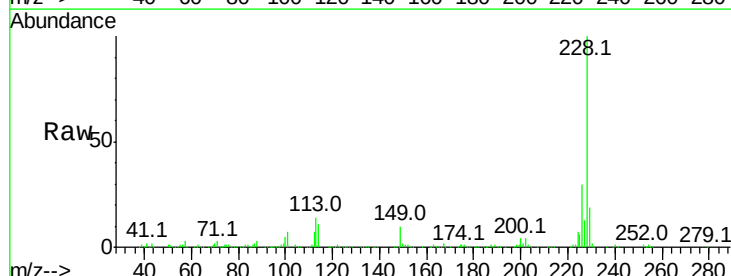


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

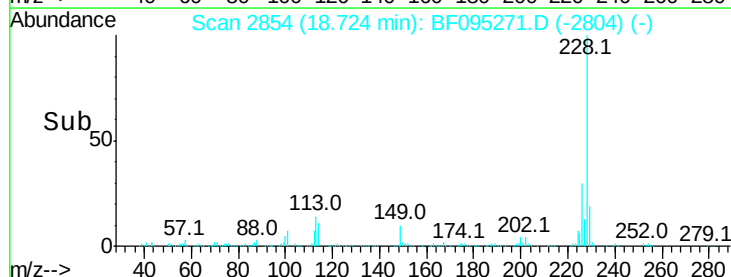
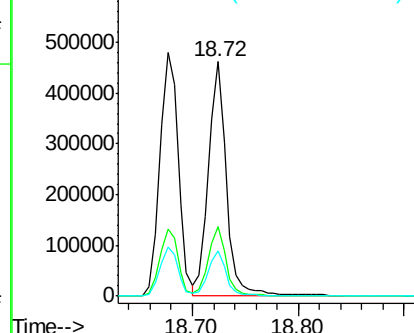


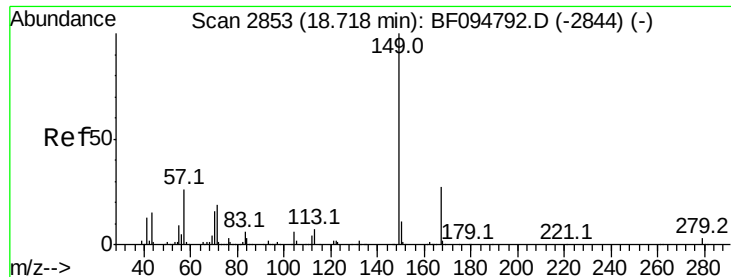
#82
 Chrysene
 Concen: 48.07 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.5	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

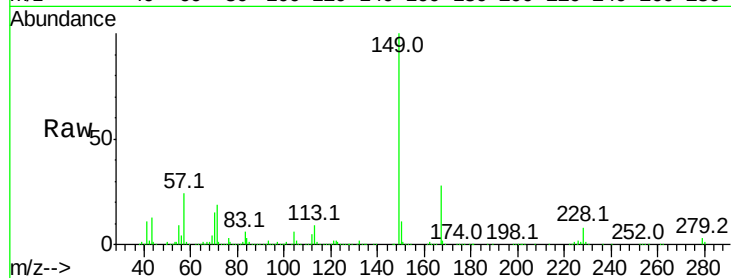




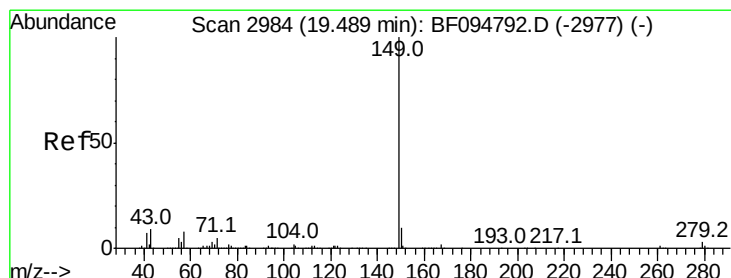
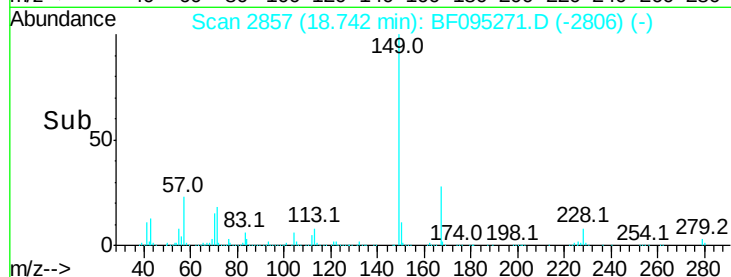
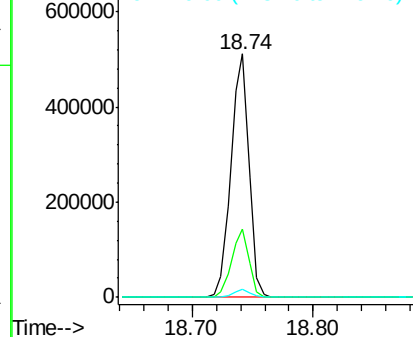
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.54 ng
 RT: 18.74 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 526814
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.0 31.4
 279 3.4 1.9 2.9#

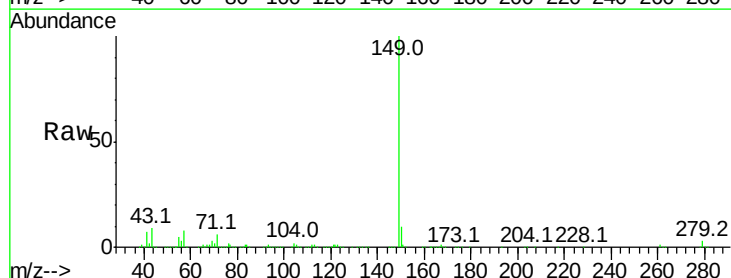


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

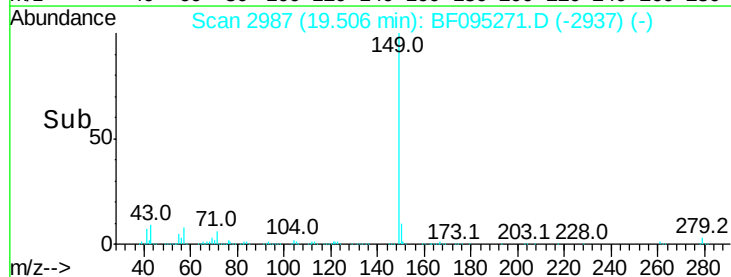
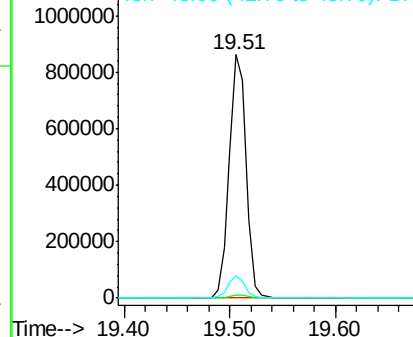


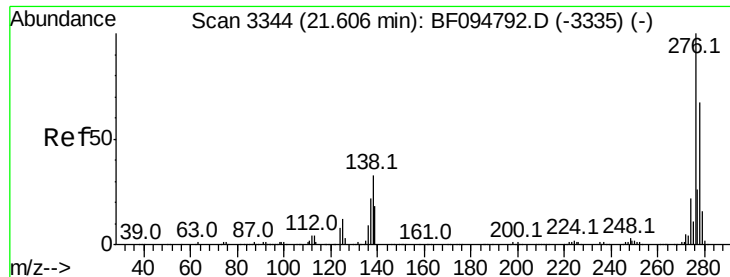
#84
 Di-n-octyl phthalate
 Concen: 58.07 ng
 RT: 19.51 min Scan# 2987
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion:149 Resp: 954637
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 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

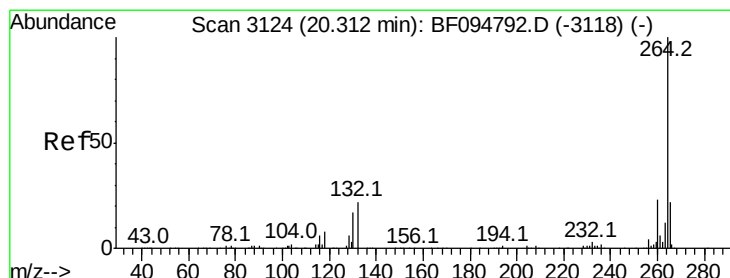
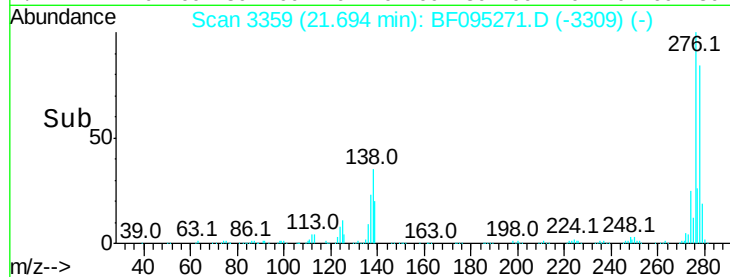
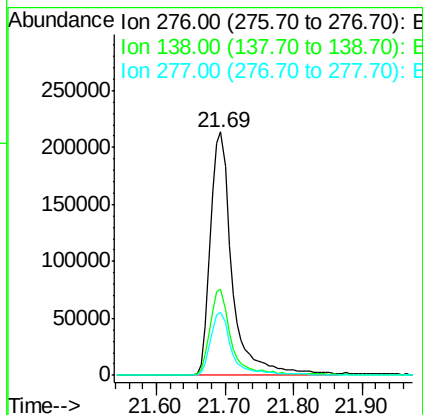
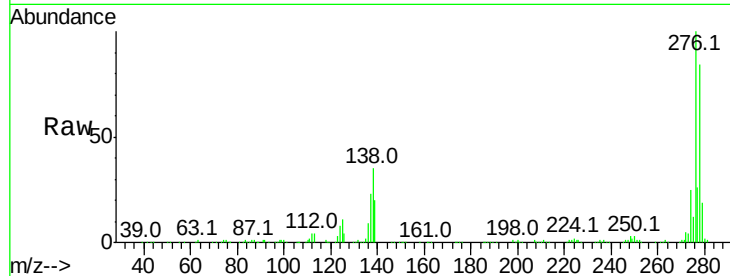




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.21 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

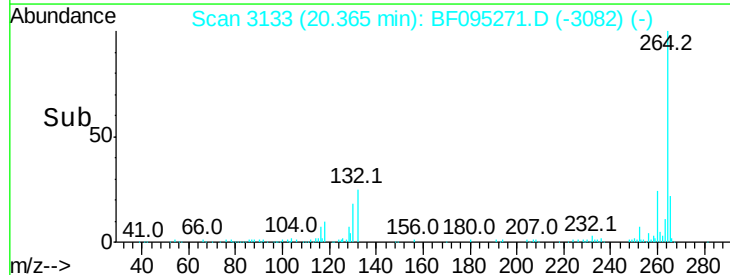
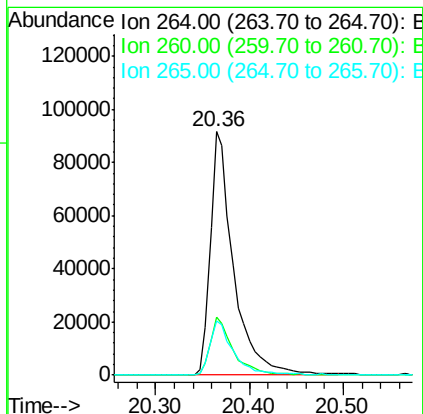
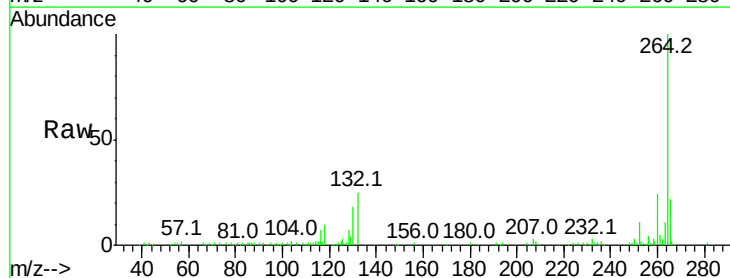
Instrument :
 BNA_F
 ClientSampled :

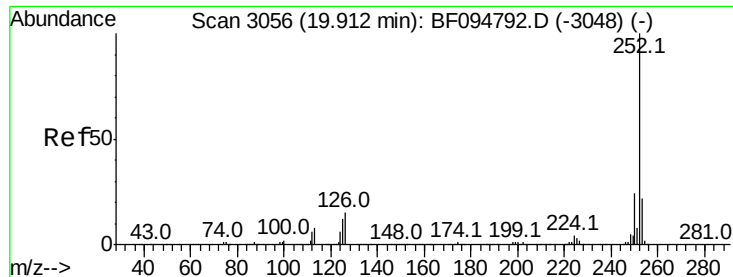
Tot Ion:276 Resp: 473511
 Ion Ratio Lower Upper
 276 100
 138 34.1 27.8 41.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion:264 Resp: 159472
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.5 17.2 25.8

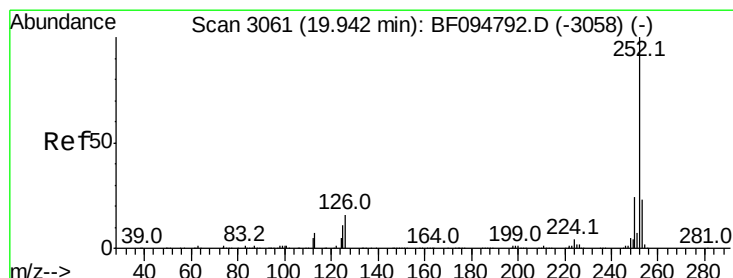
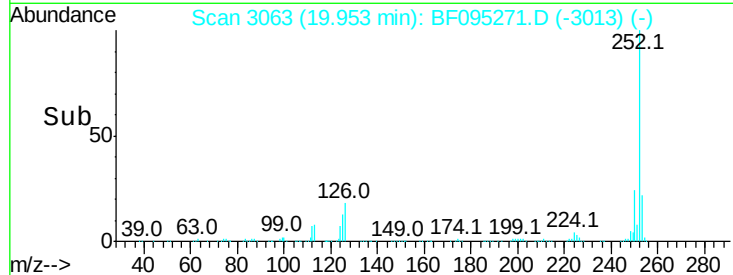
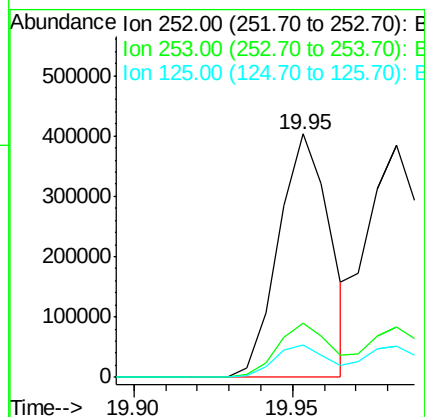
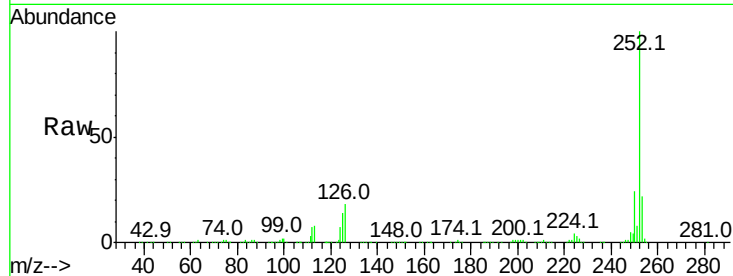




#87
Benzo(b)fluoranthene
Concen: 46.27 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

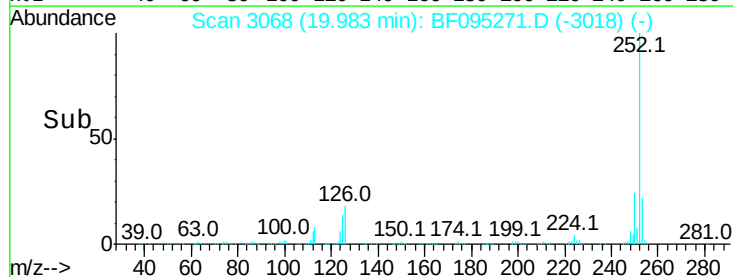
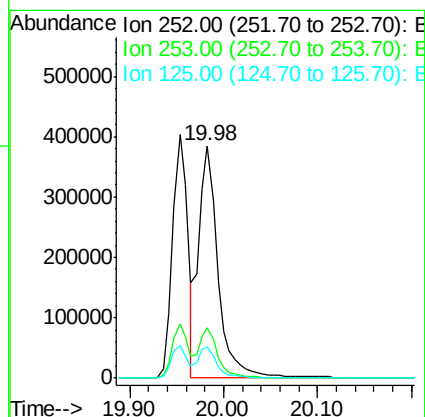
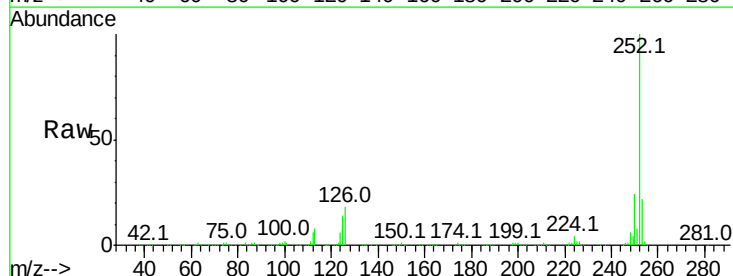
Instrument :
BNA_F
ClientSampled :

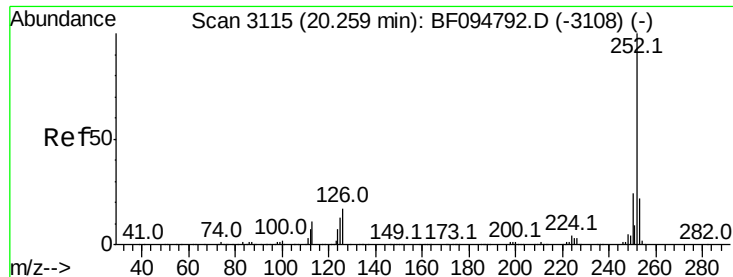
Tot Ion:252 Resp: 455937
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 57.84 ng
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion:252 Resp: 549760
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 13.6 13.1 19.7

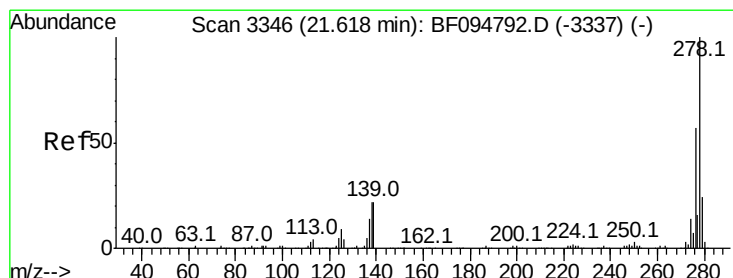
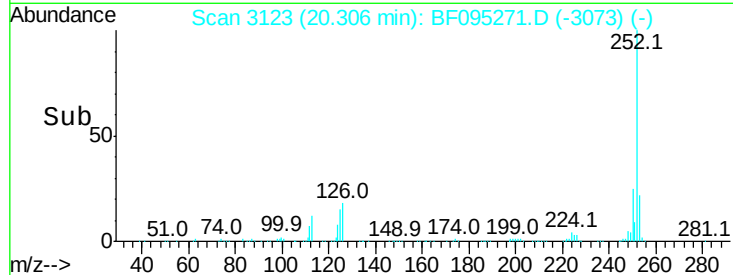
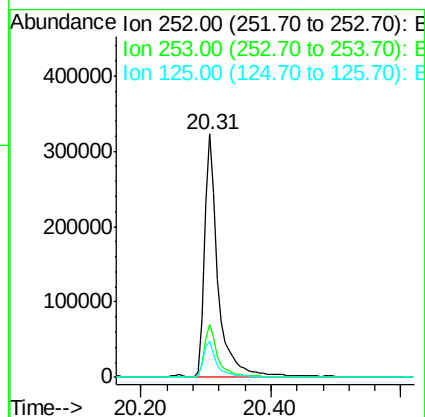
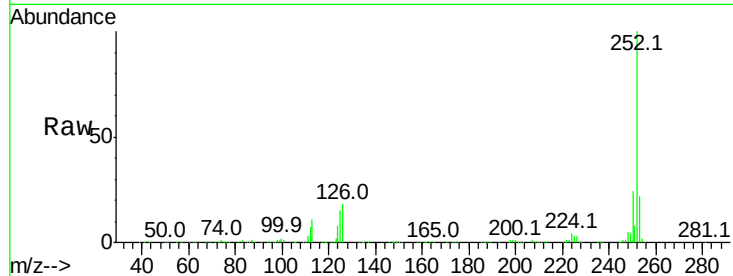




#89
Benzo(a)pyrene
Concen: 50.13 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

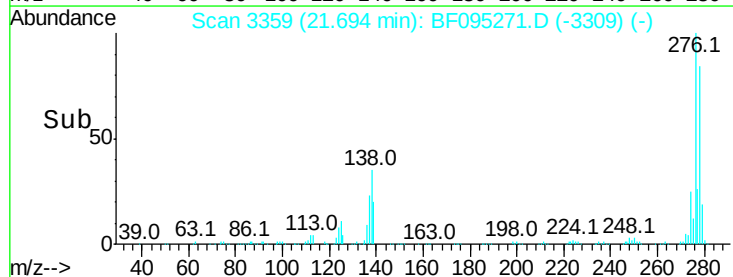
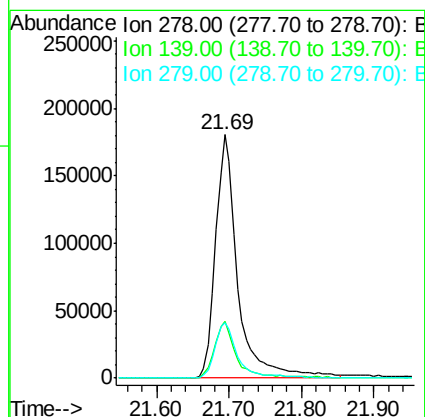
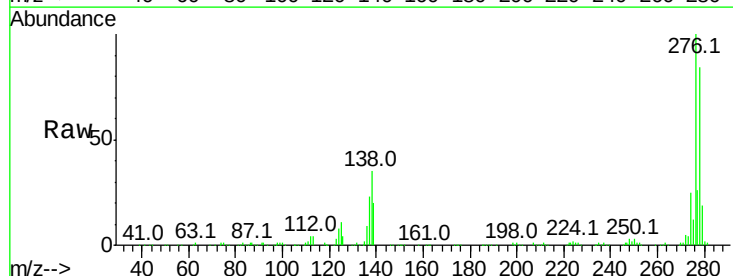
Instrument :
BNA_F
ClientSampleId :

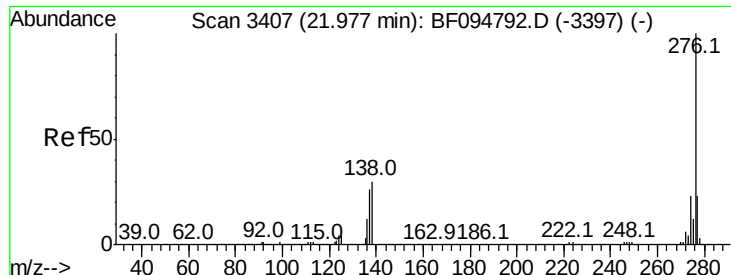
Tot Ion:252 Resp: 455833
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 15.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 51.40 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion:278 Resp: 386017
Ion Ratio Lower Upper
278 100
139 23.5 16.6 24.8
279 22.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 55.17 ng

RT: 22.08 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

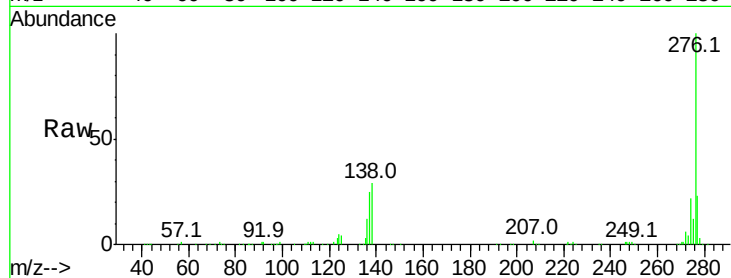
Tot Ion:276 Resp: 406531

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 29.0 25.4 38.0



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

