

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096132.D
 Acq On : 22 Jun 2017 20:37
 Operator : SJ/MA
 Sample : I3844-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 01:18:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	97774	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	397502	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	161188	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	226680	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	172166	20.00	ng	0.00
86) Perylene-d12	19.94	264	158767	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	756046	123.22	ng	-0.01
7) Phenol-d6	6.86	99	882805	120.18	ng	-0.01
23) Nitrobenzene-d5	8.21	82	525341	82.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	140338	98.40	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	902102	77.88	ng	-0.02
78) Terphenyl-d14	16.92	244	515245	74.27	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.64	88	97838	33.52	ng	94
3) Pyridine	2.18	79	220172	32.09	ng	97
4) n-Nitrosodimethylamine	2.14	42	101721	39.00	ng	84
6) Aniline	6.78	93	291710	30.35	ng	94
8) 2-Chlorophenol	6.97	128	273600	41.94	ng	98
9) Benzaldehyde	6.59	77	153518	30.98	ng	95
10) Phenol	6.88	94	342156	44.90	ng	90
11) bis(2-Chloroethyl)ether	6.93	93	247007	40.92	ng	96
12) 1,3-Dichlorobenzene	7.17	146	291924	39.53	ng	96
13) 1,4-Dichlorobenzene	7.30	146	290996	38.86	ng	97
14) 1,2-Dichlorobenzene	7.53	146	273164	39.57	ng	97
15) Benzyl Alcohol	7.59	79	218568	43.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.79	45	370177	43.65	ng	97
17) 2-Methylphenol	7.84	107	224385	40.98	ng	94
18) Hexachloroethane	8.05	117	90002	36.39	ng	# 83
19) n-Nitroso-di-n-propylamine	8.02	70	194265	41.73	ng	95
20) 3+4-Methylphenols	8.10	107	296156	42.61	ng	# 56
22) Acetophenone	7.97	105	385830	41.47	ng	# 85
24) Nitrobenzene	8.23	77	280147	40.97	ng	95
25) Isophorone	8.63	82	497260	41.61	ng	97
26) 2-Nitrophenol	8.75	139	140908	39.36	ng	99
27) 2,4-Dimethylphenol	8.90	122	249646	44.93	ng	97
28) bis(2-Chloroethoxy)methane	9.02	93	329553	41.83	ng	99
29) 2,4-Dichlorophenol	9.19	162	220500	41.21	ng	97
30) 1,2,4-Trichlorobenzene	9.25	180	214999	38.61	ng	99
31) Naphthalene	9.35	128	769331	38.56	ng	100
32) Benzoic acid	9.27	122	60616	20.71	ng	96
33) 4-Chloroaniline	9.52	127	126061	16.17	ng	94
34) Hexachlorobutadiene	9.56	225	109543	38.08	ng	98
35) Caprolactam	10.14	113	46033	28.91	ng	91
36) 4-Chloro-3-methylphenol	10.40	107	225792	40.31	ng	89
37) 2-Methylnaphthalene	10.47	142	529106	39.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	200587	41.58	ng	99
40) Hexachlorocyclopentadiene	10.72	237	13210	18.75	ng	87

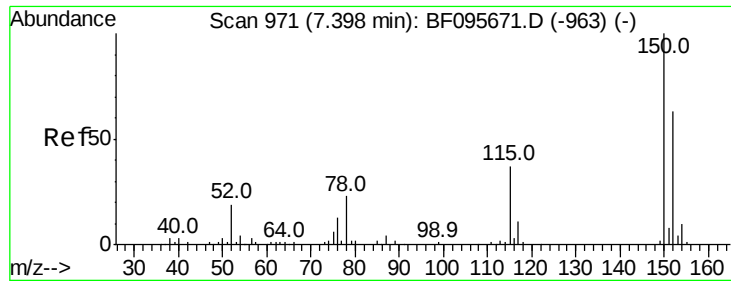
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096132.D
 Acq On : 22 Jun 2017 20:37
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 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.00	196	135637	43.73	nq	98
43) 2,4,5-Trichlorophenol	11.10	196	124718	37.80	nq	94
45) 1,1'-Biphenyl	11.25	154	544786	41.01	nq	98
46) 2-Chloronaphthalene	11.26	162	413836	39.87	nq	95
47) 2-Nitroaniline	11.49	65	136523	44.95	nq	# 82
48) Acenaphthylene	11.90	152	626596	35.30	nq	98
49) Dimethylphthalate	11.81	163	712738	58.24	nq	99
50) 2,6-Dinitrotoluene	11.90	165	99679	37.34	nq	# 68
51) Acenaphthene	12.19	154	386334	37.69	nq	97
52) 3-Nitroaniline	12.17	138	103057	33.14	nq	96
53) 2,4-Dinitrophenol	12.44	184	8637	11.73	nq	# 52
54) Dibenzofuran	12.47	168	600637	41.63	nq	99
55) 4-Nitrophenol	12.62	139	107314	60.31	nq	# 72
56) 2,4-Dinitrotoluene	12.58	165	140862	39.07	nq	# 88
57) Fluorene	13.03	166	470780	37.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.74	232	92261	40.87	nq	# 90
59) Diethylphthalate	12.94	149	504273	42.81	nq	99
60) 4-Chlorophenyl-phenylether	13.06	204	213660	39.13	nq	91
61) 4-Nitroaniline	13.17	138	110965	38.21	nq	96
62) Azobenzene	13.32	77	453665	42.50	nq	94
64) 4,6-Dinitro-2-methylphenol	13.28	198	14931	10.02	nq	# 1
65) n-Nitrosodiphenylamine	13.27	169	401284	49.27	nq	98
66) 4-Bromophenyl-phenylether	13.84	248	113655	48.24	nq	99
67) Hexachlorobenzene	13.93	284	109127	47.01	nq	# 92
68) Atrazine	14.20	200	113858	50.23	nq	97
69) Pentachlorophenol	14.30	266	44546	53.03	nq	94
70) Phenanthrene	14.57	178	515220	39.39	nq	99
71) Anthracene	14.65	178	535241	39.20	nq	98
72) Carbazole	14.96	167	484263	36.39	nq	98
73) Di-n-butylphthalate	15.55	149	643487	45.45	nq	98
74) Fluoranthene	16.36	202	470116	36.32	nq	98
76) Benzidine	16.60	184	291798	44.13	nq	# 90
77) Pyrene	16.66	202	465183	36.21	nq	99
79) Butylbenzylphthalate	17.59	149	250292	44.61	nq	# 86
80) Benzo(a)anthracene	18.26	228	402799	40.24	nq	99
81) 3,3'-Dichlorobenzidine	18.24	252	144647	40.64	nq	# 97
82) Chrysene	18.30	228	397660	39.75	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	346605	43.80	nq	# 99
84) Di-n-octyl phthalate	19.11	149	588503	45.13	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	334889	39.13	nq	99
87) Benzo(b)fluoranthene	19.53	252	376579	37.88	nq	97
88) Benzo(k)fluoranthene	19.56	252	344442	36.25	nq	96
89) Benzo(a)pyrene	19.89	252	364054	39.84	nq	98
90) Dibenzo(a,h)anthracene	21.10	278	287293	37.07	nq	97
91) Benzo(g,h,i)perylene	21.43	276	244943	31.00	nq	98

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

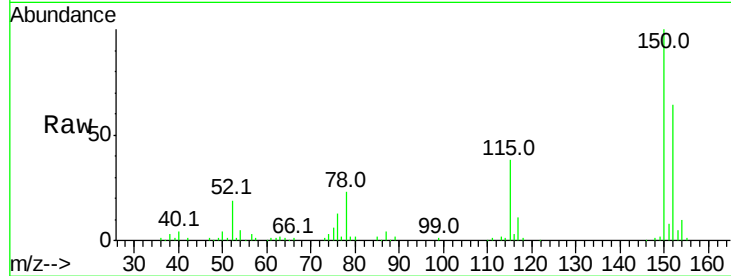


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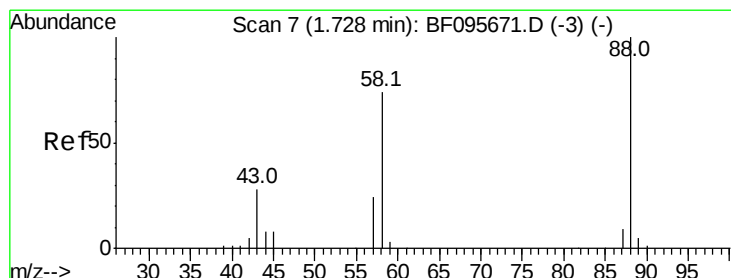
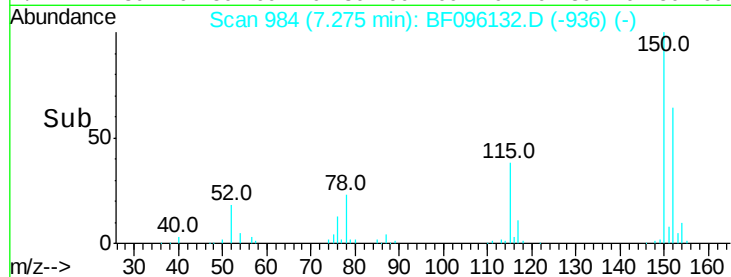
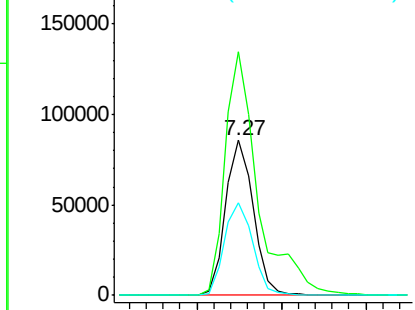
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97774
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 59.8 52.2 78.2



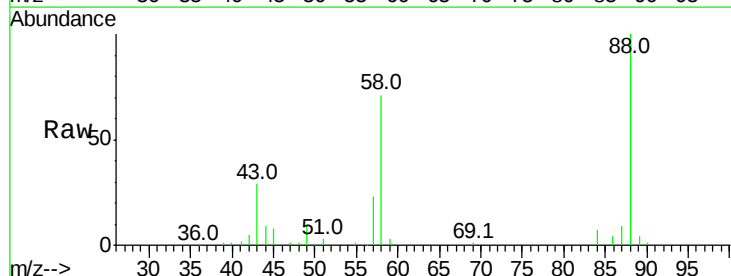
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



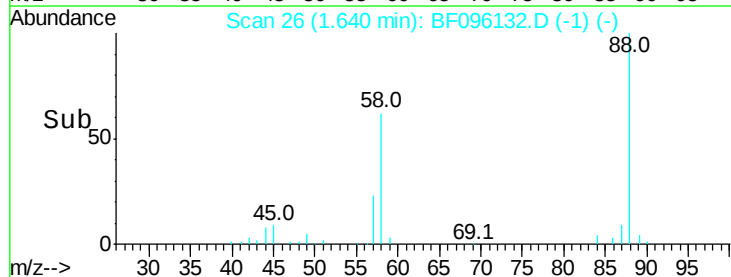
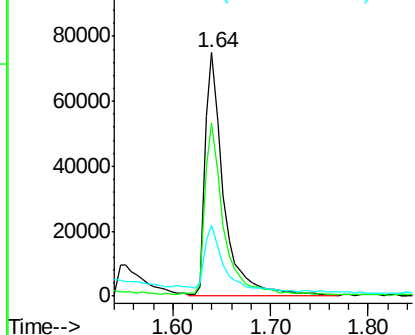
#2

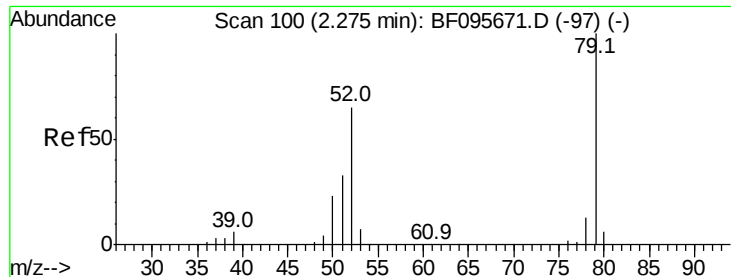
1,4-Dioxane
Concen: 33.52 ng
RT: 1.64 min Scan# 26
Delta R.T. 0.03 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion: 88 Resp: 97838
Ion Ratio Lower Upper
88 100
58 70.6 61.4 92.0
43 30.1 23.4 35.0



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





#3

Pvridine

Concen: 32.09 ng

RT: 2.18 min Scan# 117

Delta R.T. 0.04 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampled :

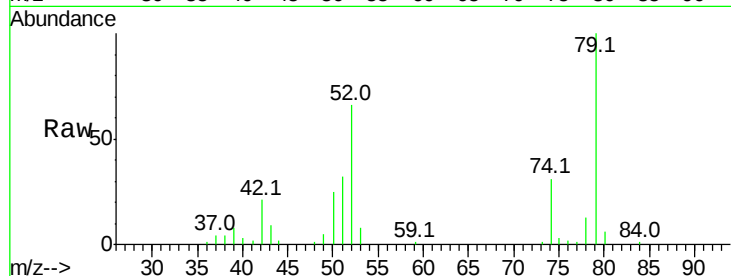
Tot Ion: 79 Resp: 220172

Ion Ratio Lower Upper

79 100

52 66.0 54.8 82.2

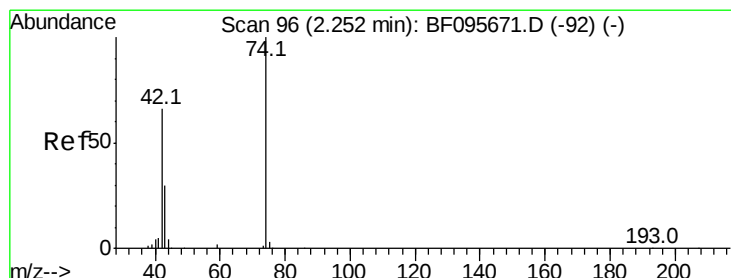
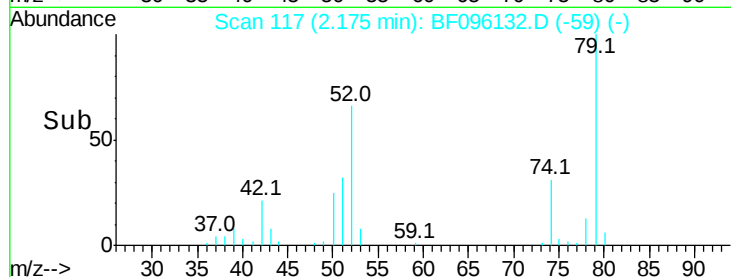
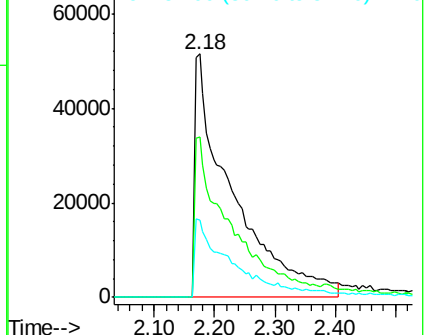
51 31.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.00 ng

RT: 2.14 min Scan# 111

Delta R.T. 0.02 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

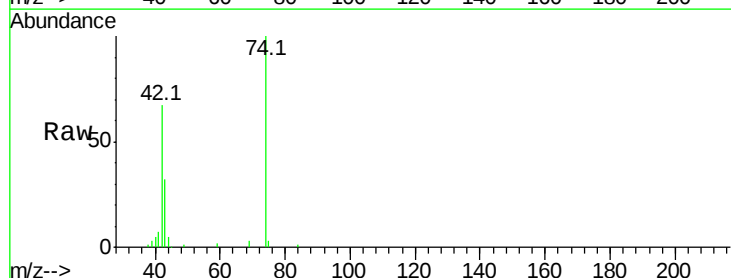
Tgt Ion: 42 Resp: 101721

Ion Ratio Lower Upper

42 100

74 149.6 103.9 155.9

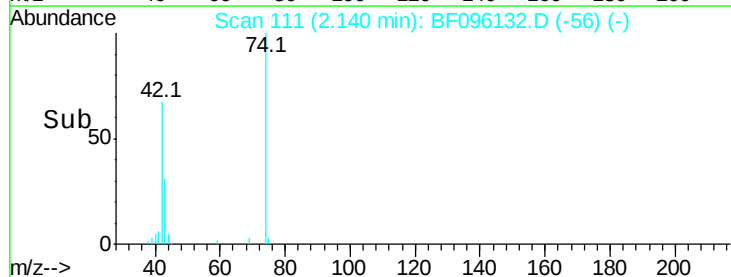
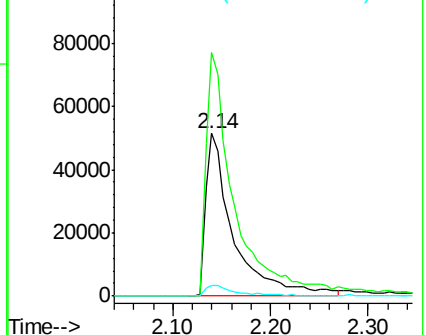
44 6.8 5.7 8.5

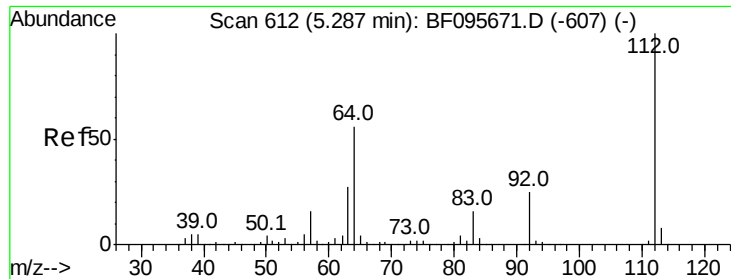


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.22 ng

RT: 5.17 min Scan# 626

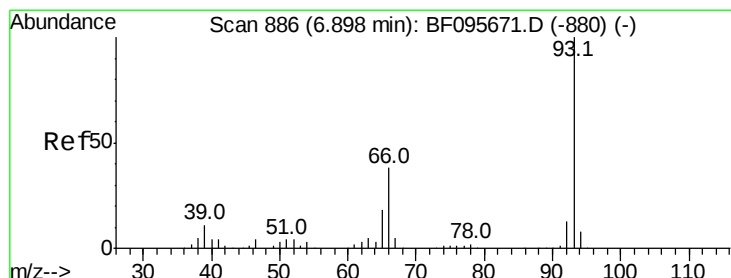
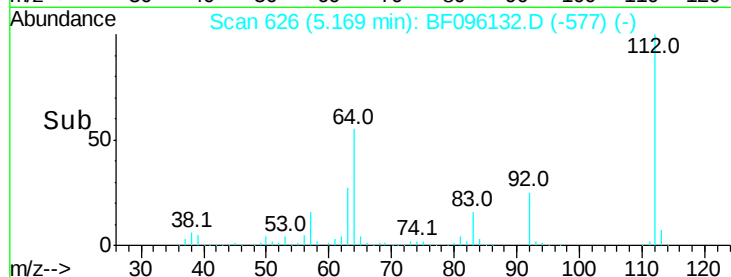
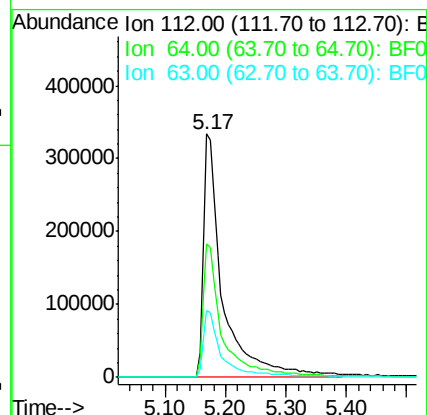
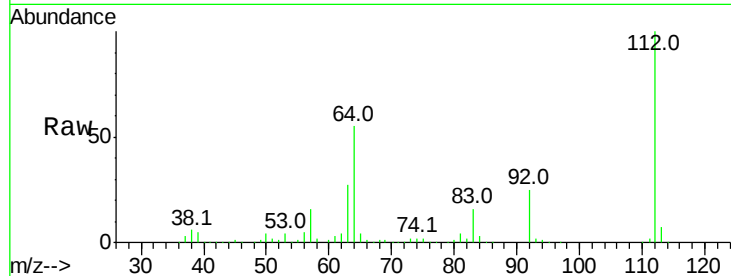
Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	756046
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.3	23.4	35.0



#6

Aniline

Concen: 30.35 ng

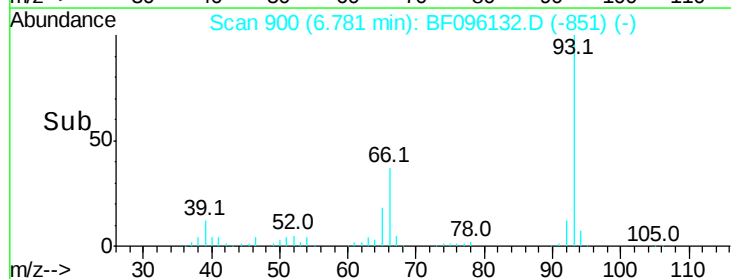
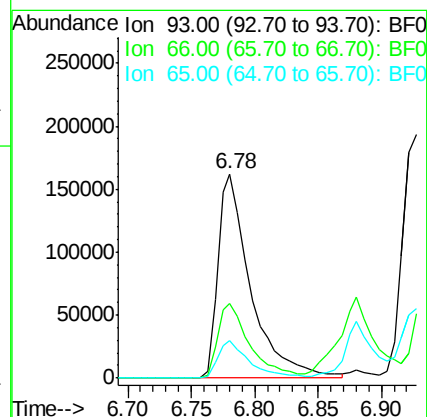
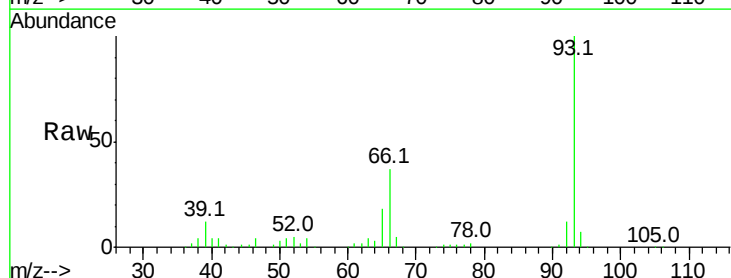
RT: 6.78 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Tgt Ion:	93	Resp:	291710
Ion	Ratio	Lower	Upper
93	100		
66	36.9	32.9	49.3
65	18.1	16.0	24.0





#7

Phenol-d6

Concen: 120.18 ng

RT: 6.86 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

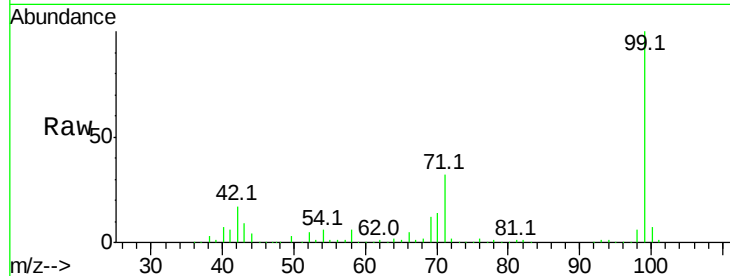
Tot Ion: 99 Resp: 882805

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

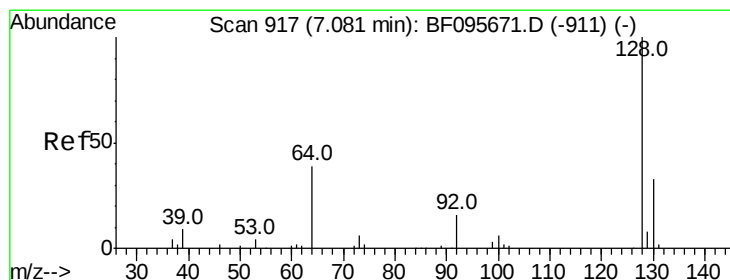
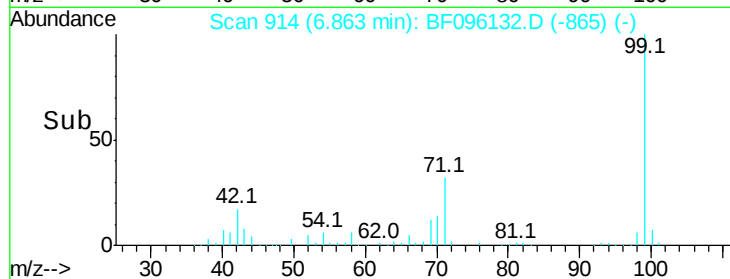
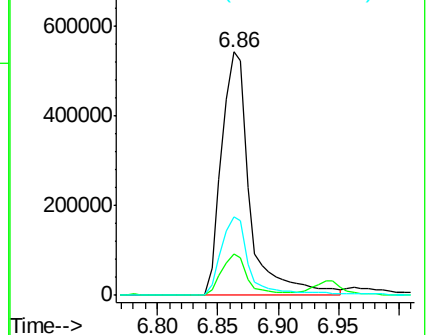
71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.94 ng

RT: 6.97 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

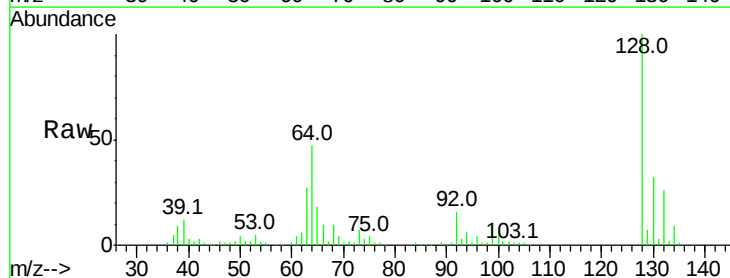
Tgt Ion: 128 Resp: 273600

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

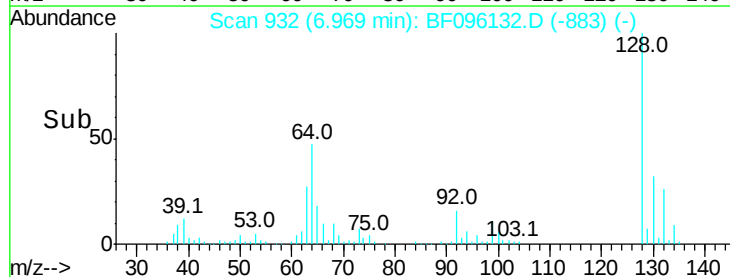
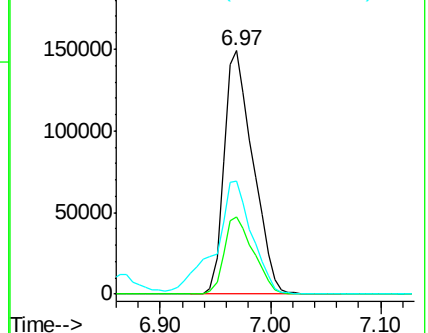
64 46.6 28.4 68.4

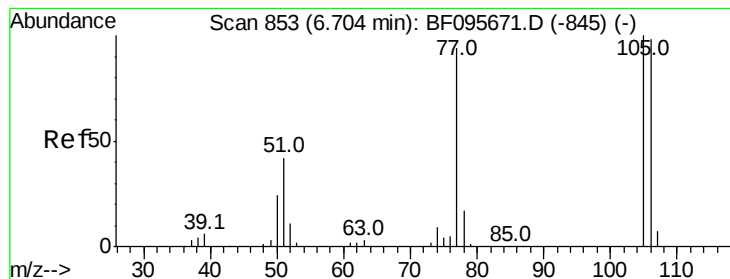


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.98 ng

RT: 6.59 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampled :

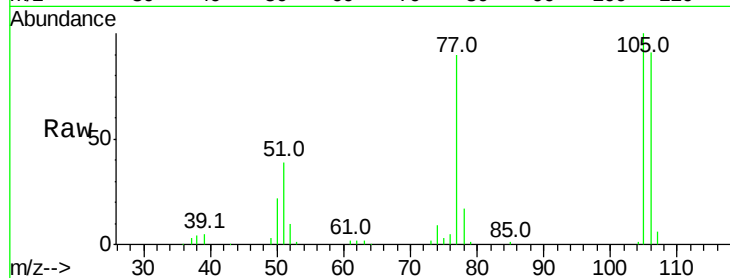
Tot Ion: 77 Resp: 153518

Ion Ratio Lower Upper

77 100

105 111.1 83.8 123.8

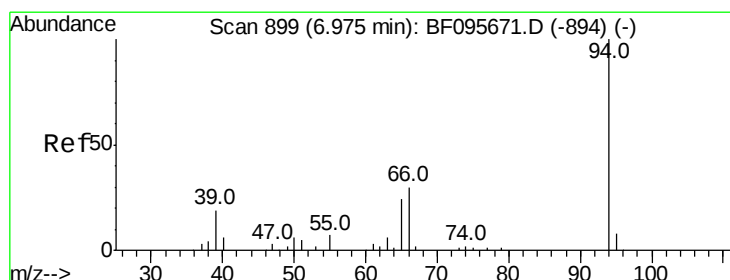
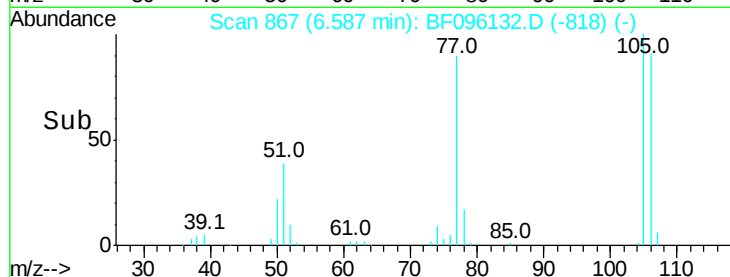
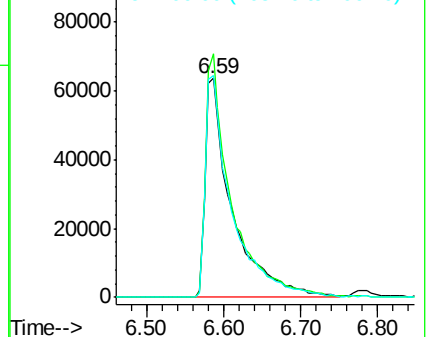
106 101.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.90 ng

RT: 6.88 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

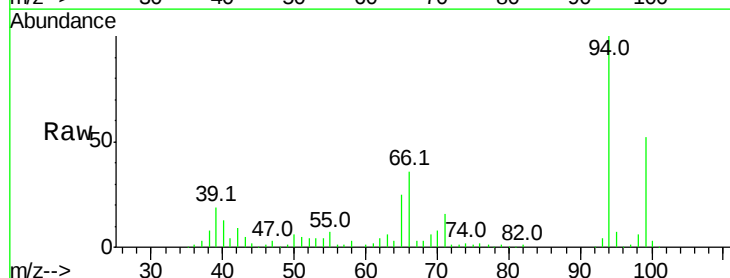
Tgt Ion: 94 Resp: 342156

Ion Ratio Lower Upper

94 100

65 25.3 9.9 49.9

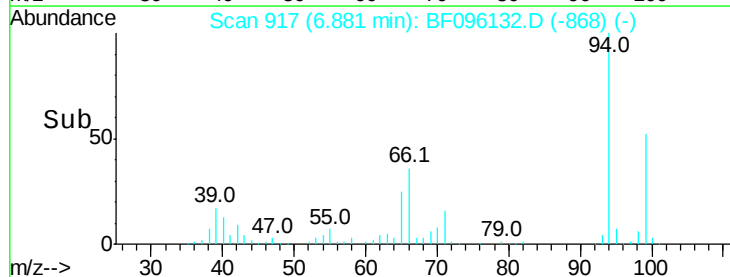
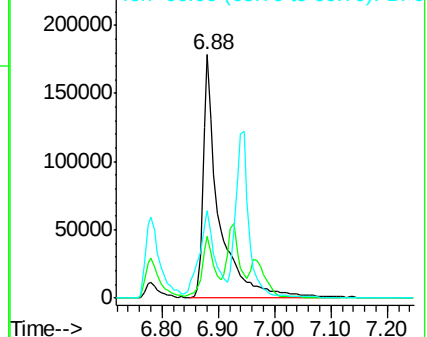
66 35.8 23.1 63.1

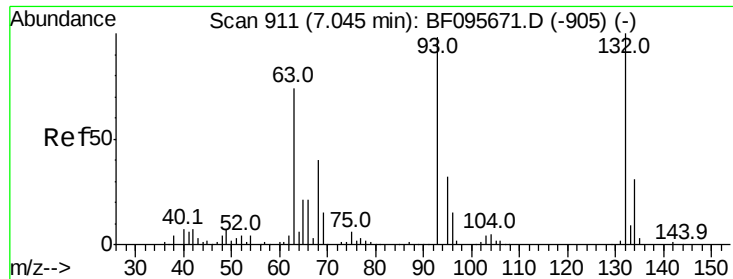


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

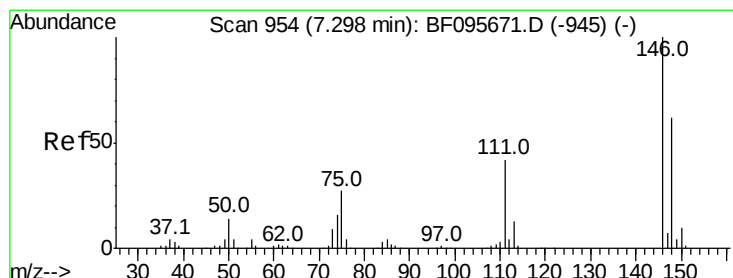
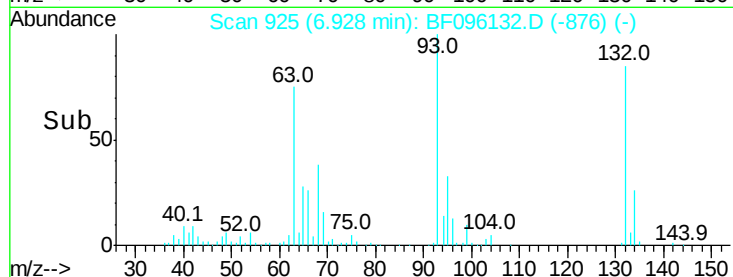
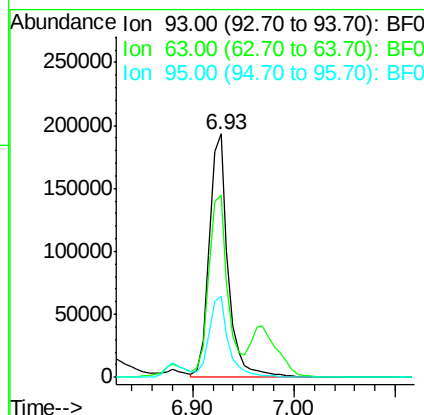
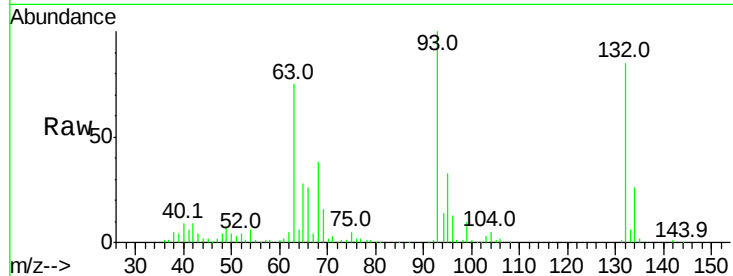




#11
bis(2-Chloroethyl)ether
Concen: 40.92 ng
RT: 6.93 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

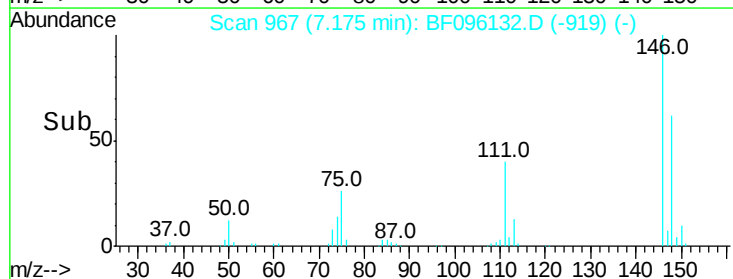
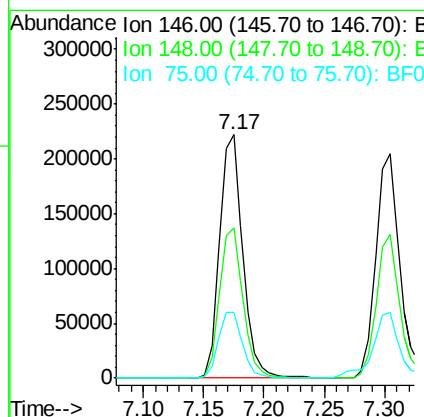
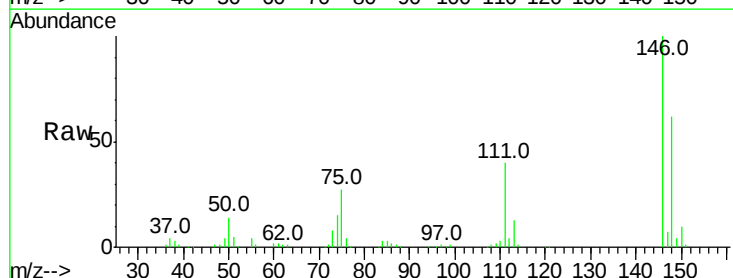
Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 247007
Ion Ratio Lower Upper
93 100
63 74.6 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.53 ng
RT: 7.17 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion: 146 Resp: 291924
Ion Ratio Lower Upper
146 100
148 61.9 51.8 77.6
75 26.8 23.1 34.7

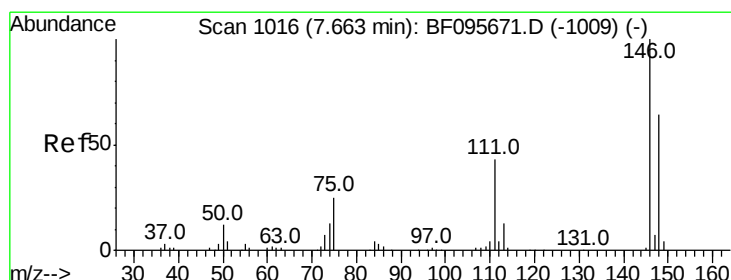
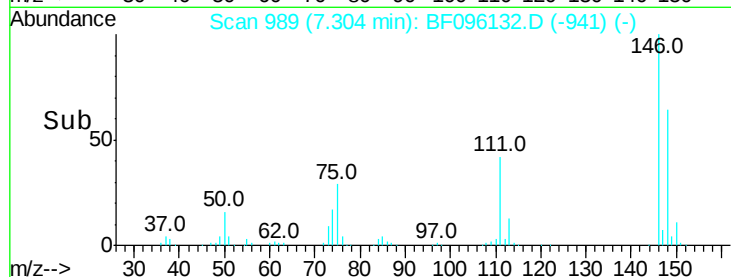
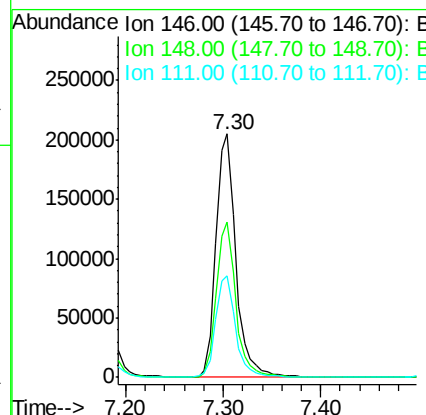
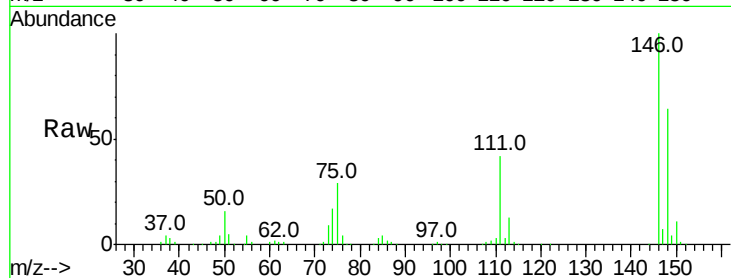




#13
 1,4-Dichlorobenzene
 Concen: 38.86 ng
 RT: 7.30 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

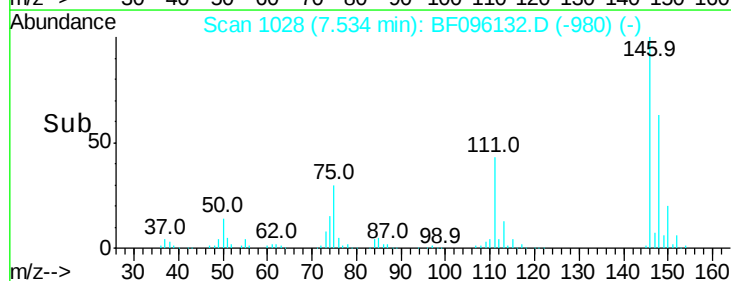
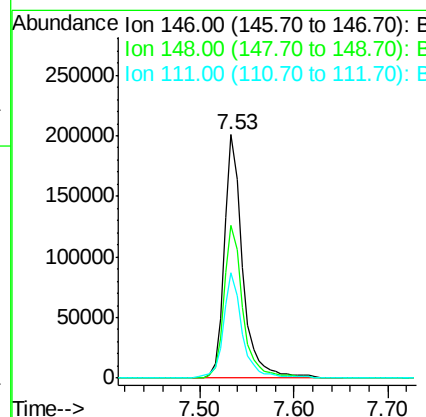
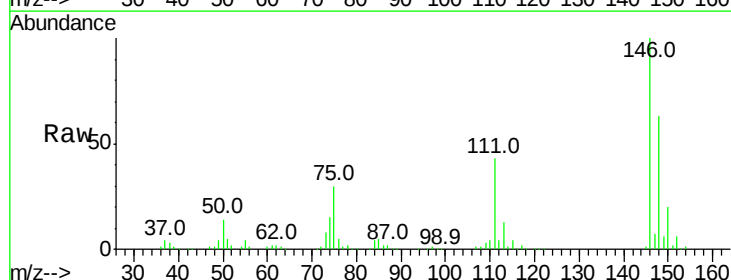
Instrument :
 BNA_F
 ClientSampled :

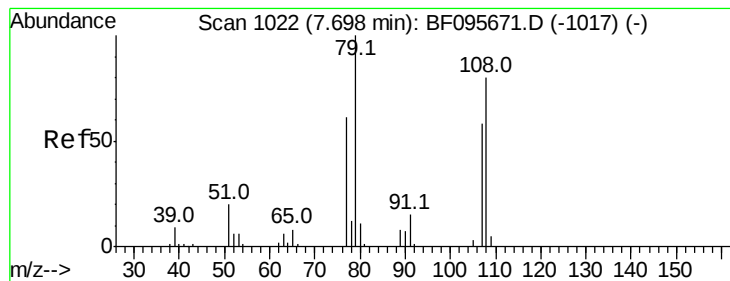
Tot Ion:146 Resp: 290996
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 41.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.57 ng
 RT: 7.53 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:146 Resp: 273164
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 43.0 38.2 57.4





#15

Benzyl Alcohol

Concen: 43.35 ng

RT: 7.59 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

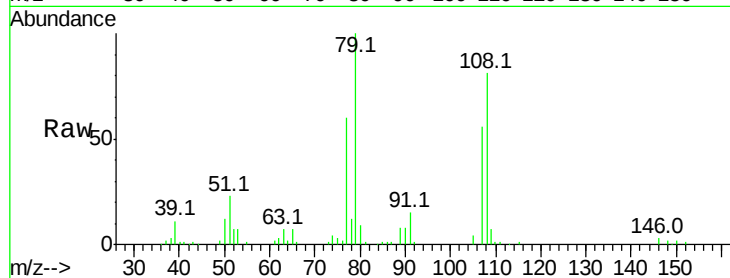
Tot Ion: 79 Resp: 218568

Ion Ratio Lower Upper

79 100

108 80.9 63.4 95.0

77 59.9 49.2 73.8

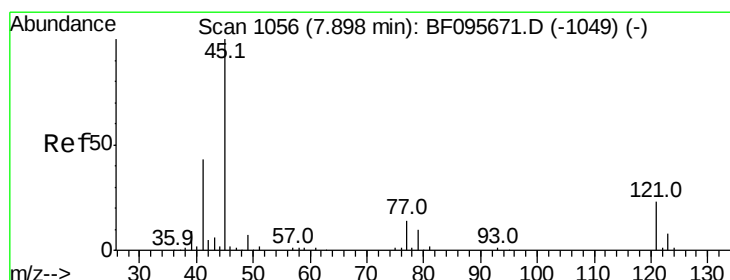
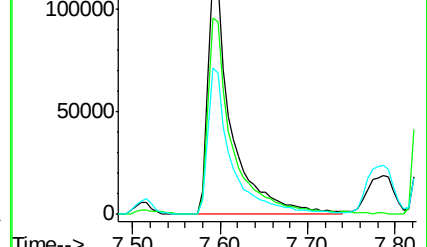
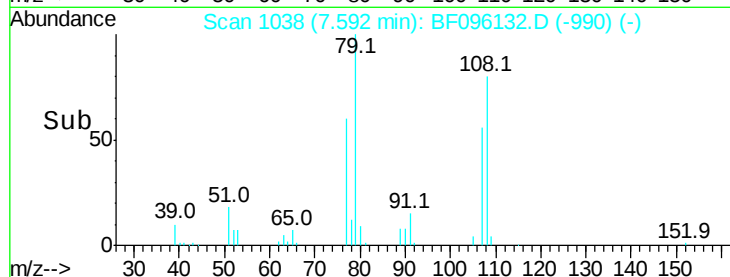


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.65 ng

RT: 7.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

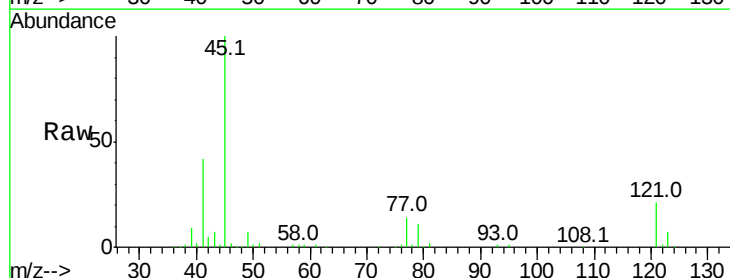
Tgt Ion: 45 Resp: 370177

Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

79 11.2 0.0 30.0

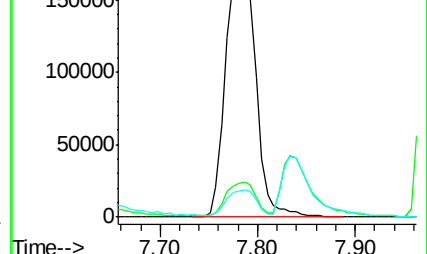
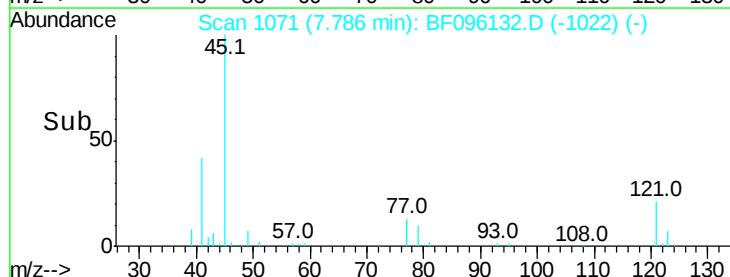


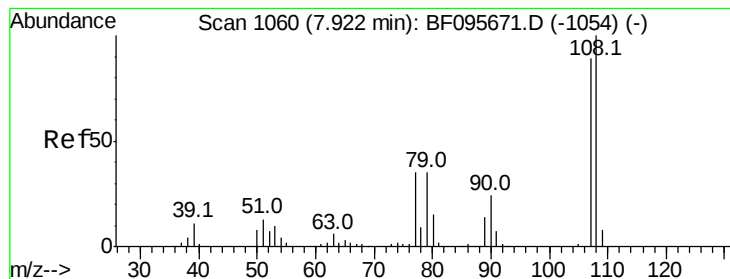
Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->





#17

2-Methylphenol

Concen: 40.98 ng

RT: 7.84 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 224385

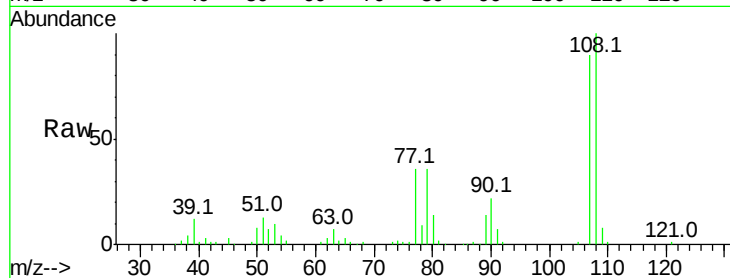
Ion Ratio Lower Upper

107 100

108 110.9 93.4 140.0

77 40.3 35.8 53.6

79 40.2 34.8 52.2

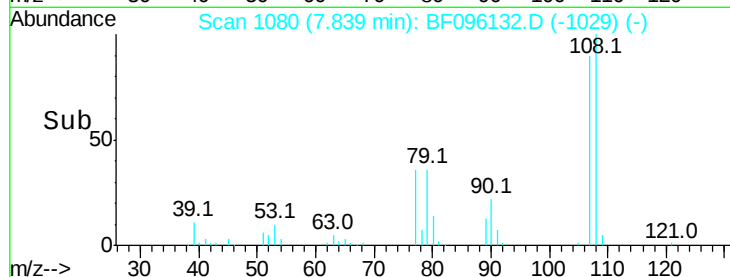


Abundance Ion 107.00 (106.70 to 107.70): E

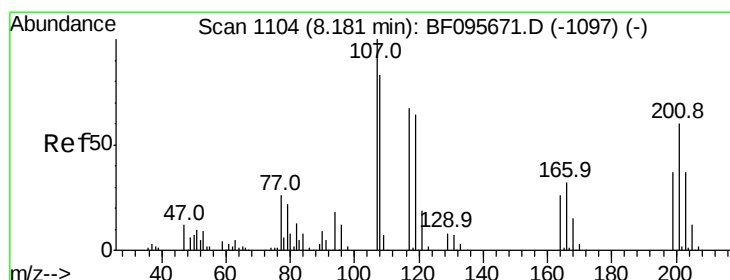
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 36.39 ng

RT: 8.05 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

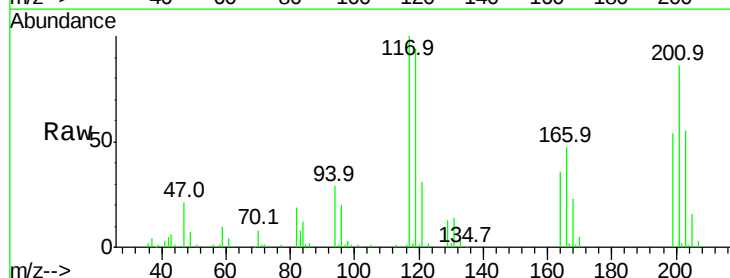
Tgt Ion:117 Resp: 90002

Ion Ratio Lower Upper

117 100

119 94.2 77.4 116.0

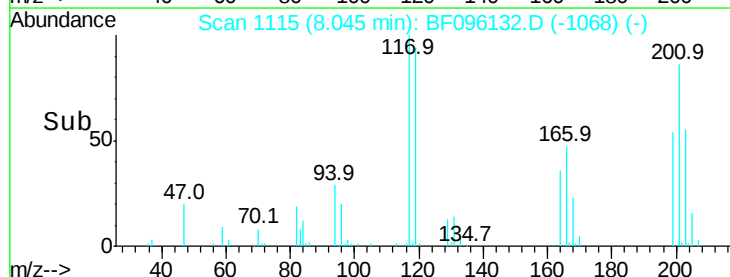
201 86.3 94.6 141.8#



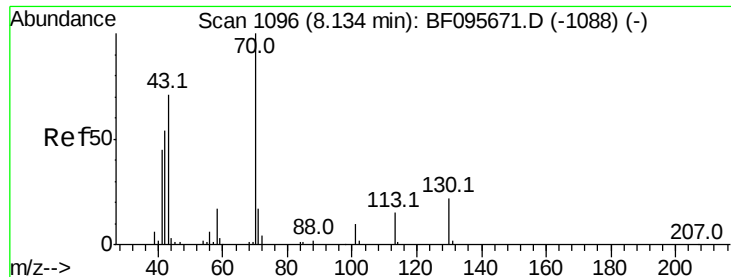
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



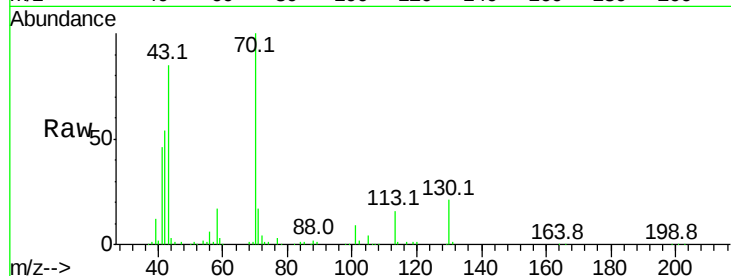
Time-->



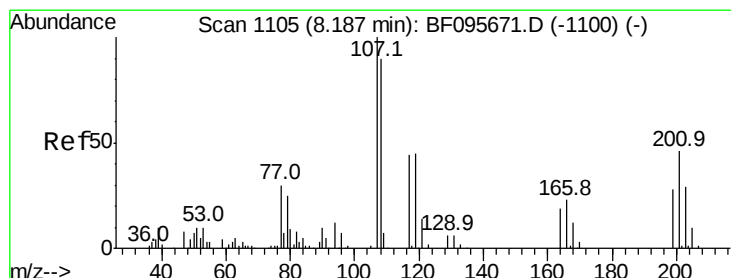
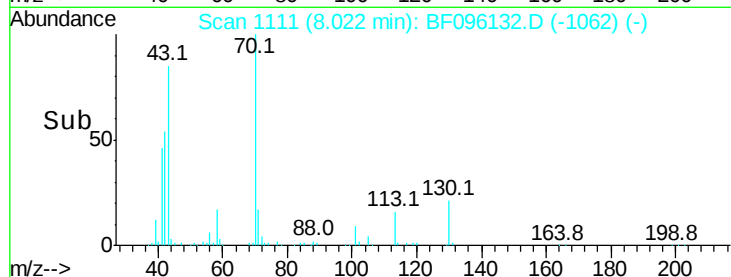
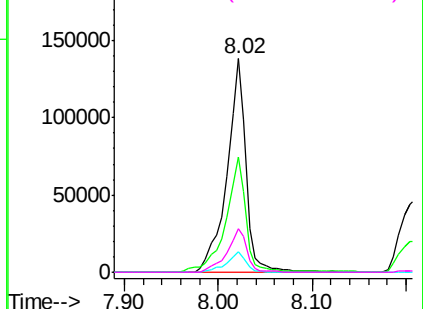
#19
n-Nitroso-di-n-propylamine
Concen: 41.73 ng
RT: 8.02 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 194265
Ion Ratio Lower Upper
70 100
42 54.0 47.2 70.8
101 9.4 7.2 10.8
130 20.5 15.9 23.9



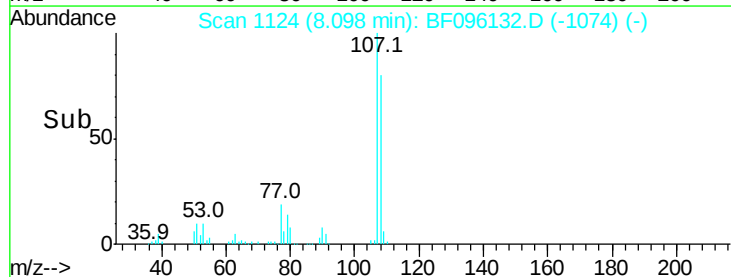
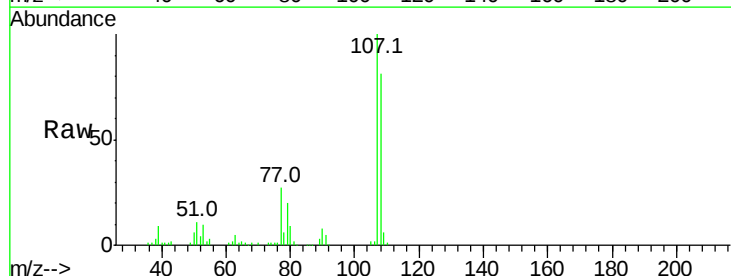
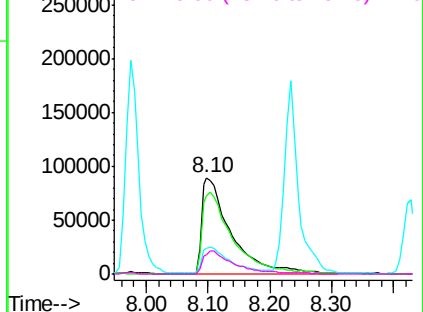
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

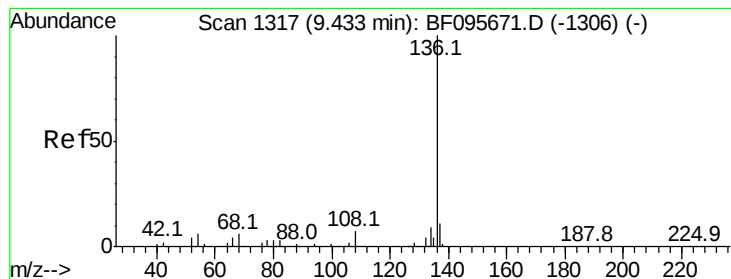


#20
3+4-Methylphenols
Concen: 42.61 ng
RT: 8.10 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:107 Resp: 296156
Ion Ratio Lower Upper
107 100
108 80.5 71.0 111.0
77 26.9 90.5 130.5#
79 20.2 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: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 397502

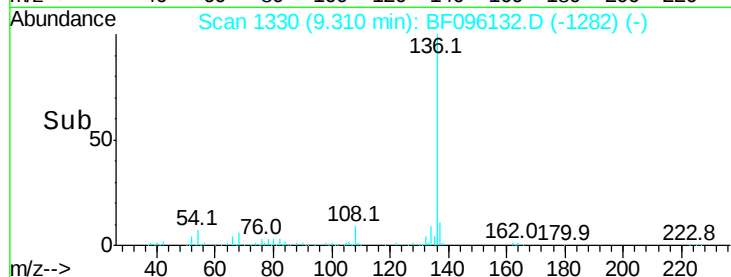
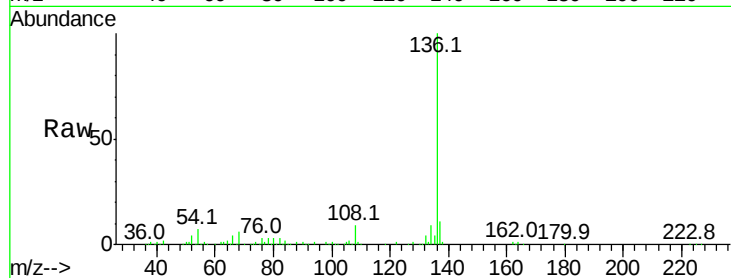
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

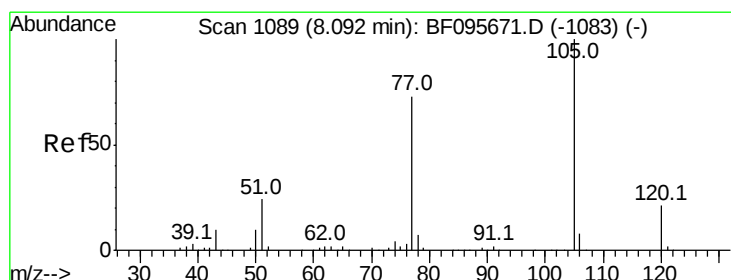
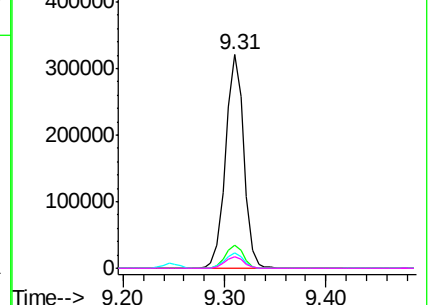


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.47 ng

RT: 7.97 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Tgt Ion:105 Resp: 385830

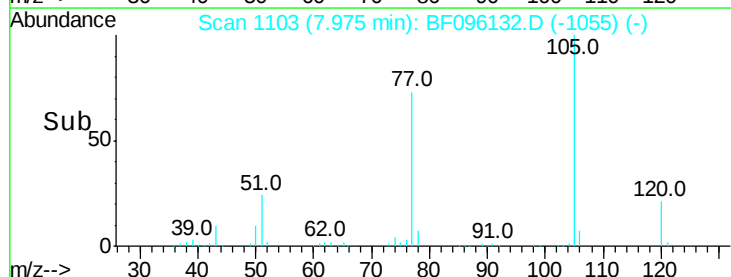
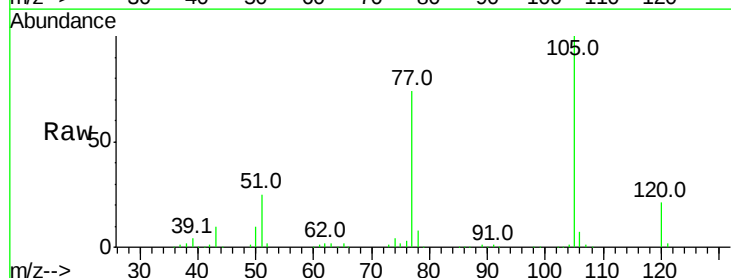
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 24.7 30.7 46.1#

120 20.9 17.4 26.0

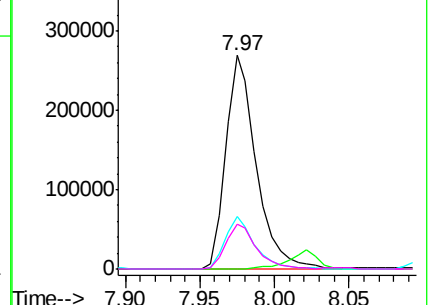


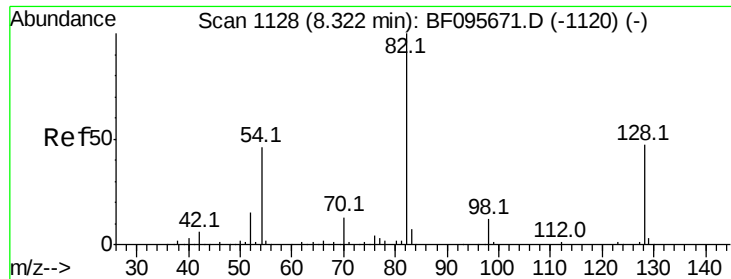
Abundance Ion 105.00 (104.70 to 105.70): E

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

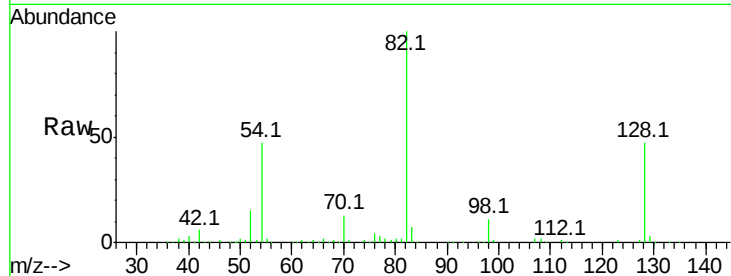




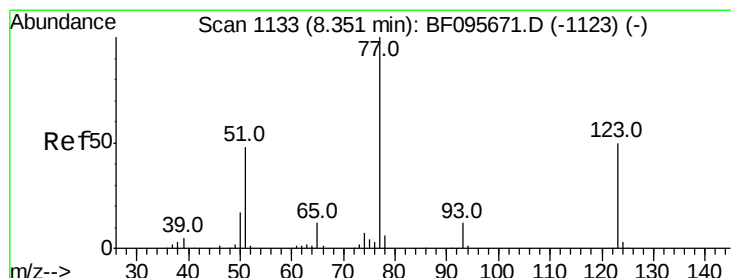
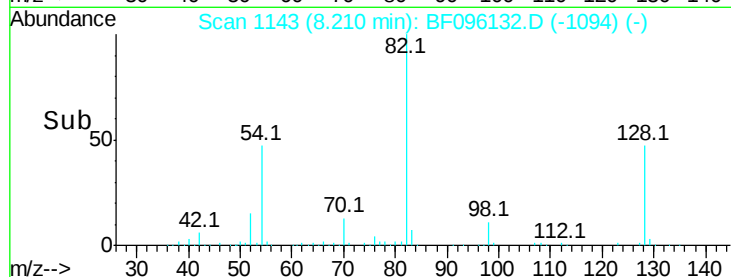
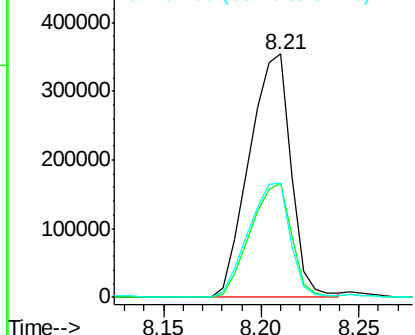
#23
Nitrobenzene-d5
Concen: 82.08 ng
RT: 8.21 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	525341
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	46.9	42.2	63.2

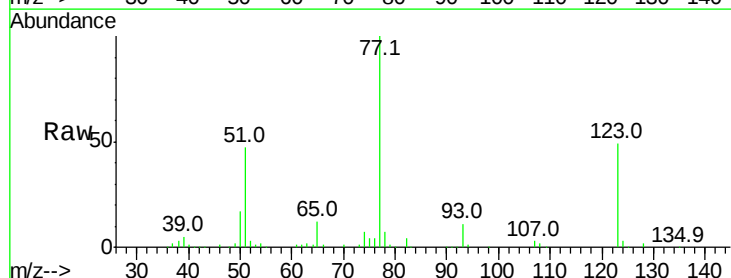


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

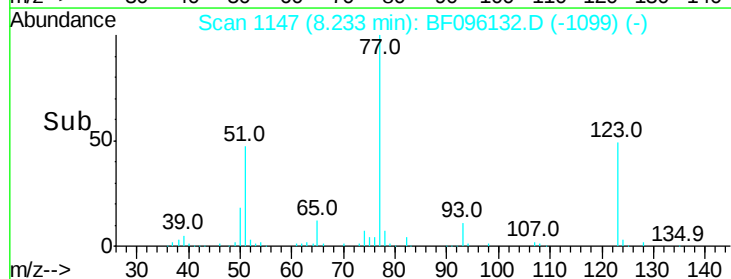
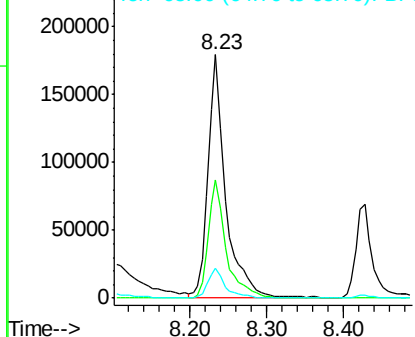


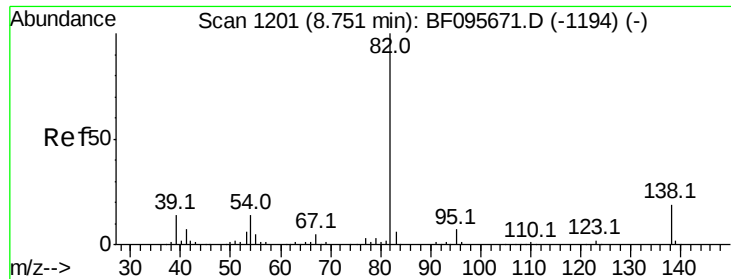
#24
Nitrobenzene
Concen: 40.97 ng
RT: 8.23 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion	77	Resp	280147
Ion	Ratio	Lower	Upper
77	100		
123	48.8	35.8	53.8
65	12.0	10.6	15.8



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





#25

Isophorone

Concen: 41.61 ng

RT: 8.63 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

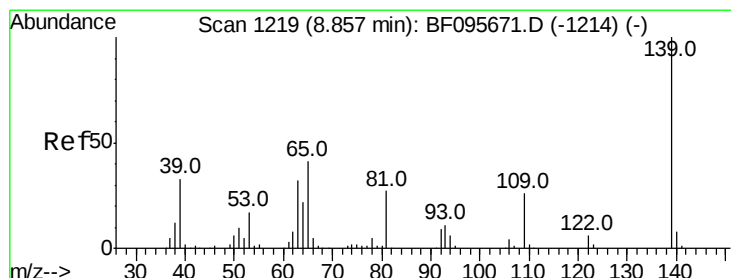
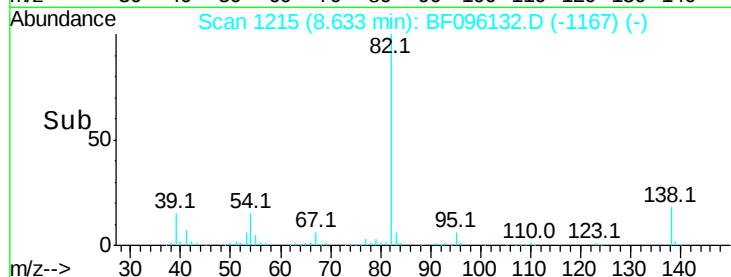
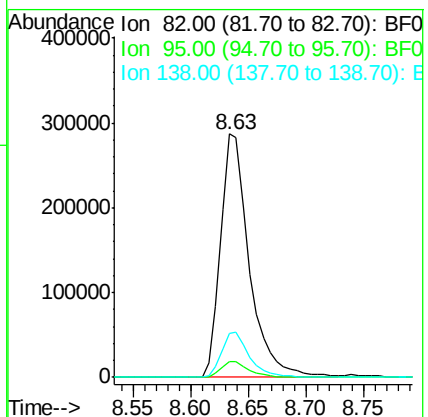
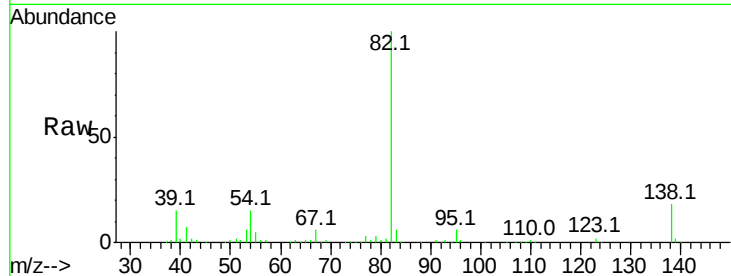
Tot Ion: 82 Resp: 497260

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 39.36 ng

RT: 8.75 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

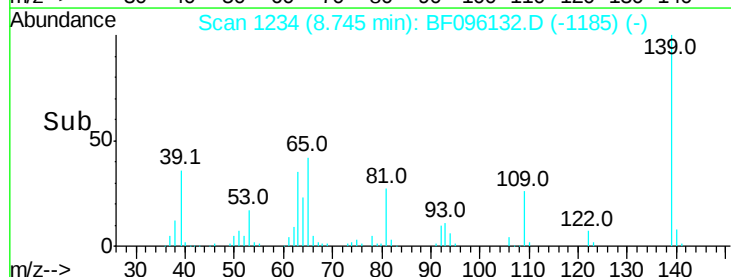
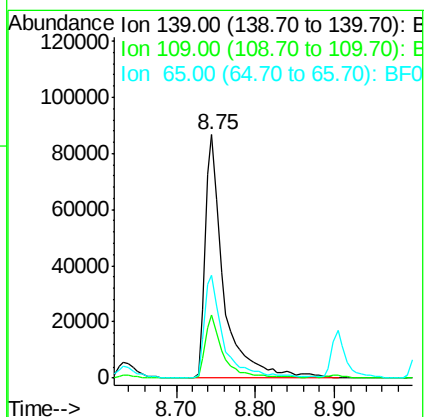
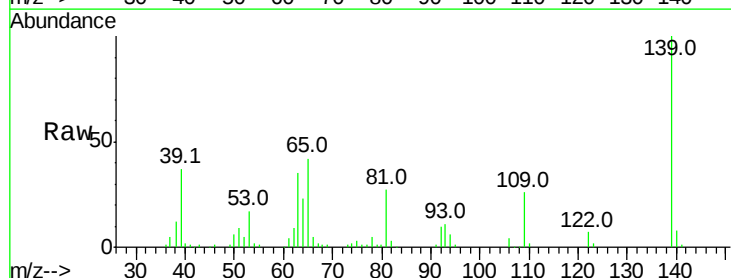
Tgt Ion:139 Resp: 140908

Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

65 42.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.93 ng

RT: 8.90 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampled :

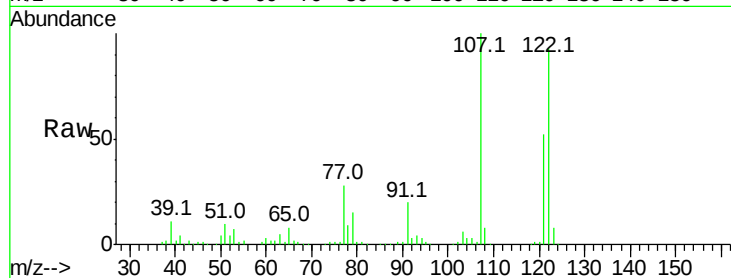
Tot Ion:122 Resp: 249646

Ion Ratio Lower Upper

122 100

107 107.1 89.2 133.8

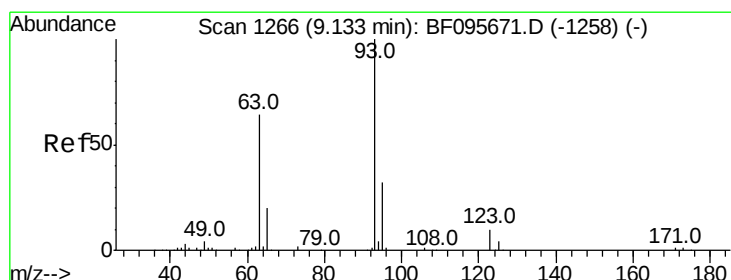
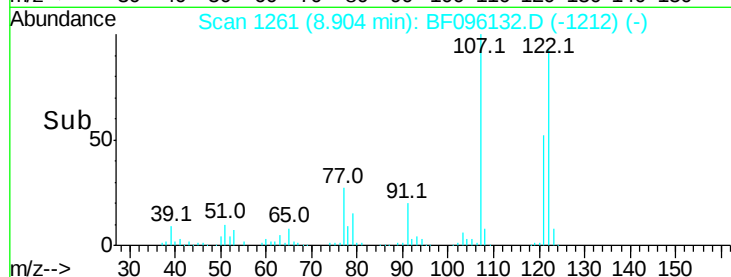
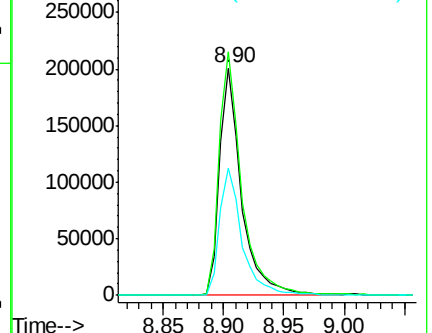
121 56.0 45.2 67.8



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: 41.83 ng

RT: 9.02 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

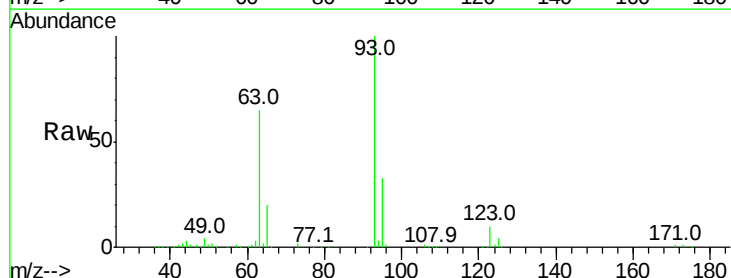
Tgt Ion: 93 Resp: 329553

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

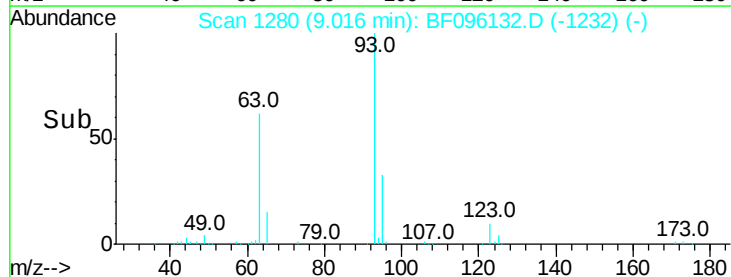
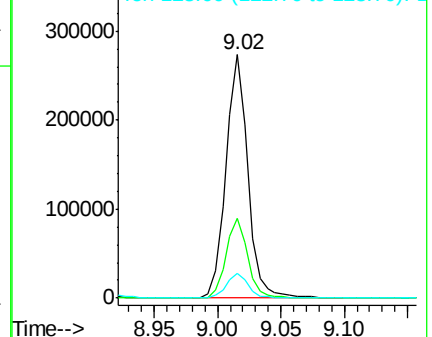
123 10.1 9.0 13.4

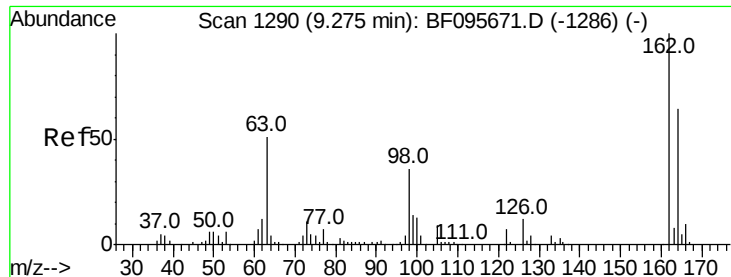


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

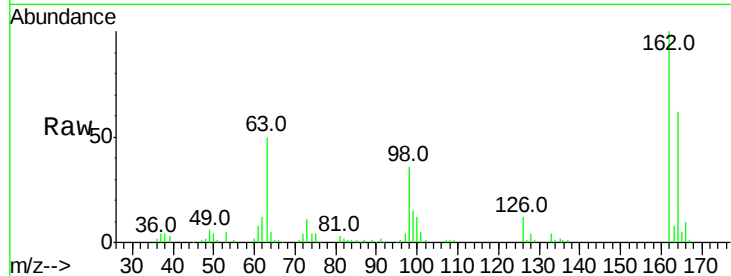




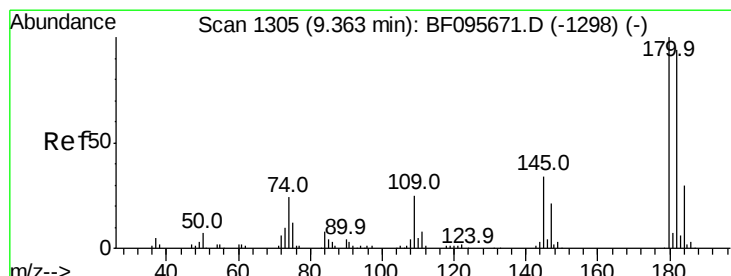
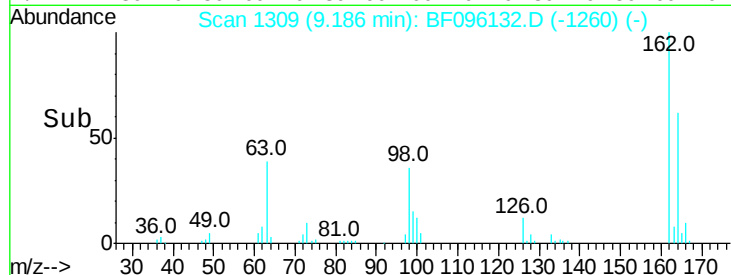
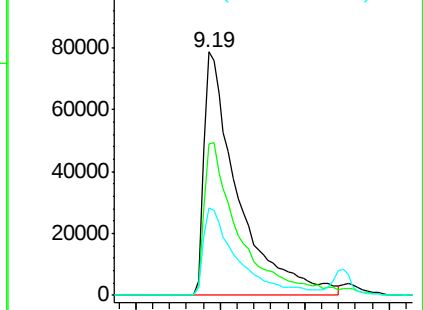
#29
 2,4-Dichlorophenol
 Concen: 41.21 ng
 RT: 9.19 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.6	84.6
98	35.8	14.8	54.8

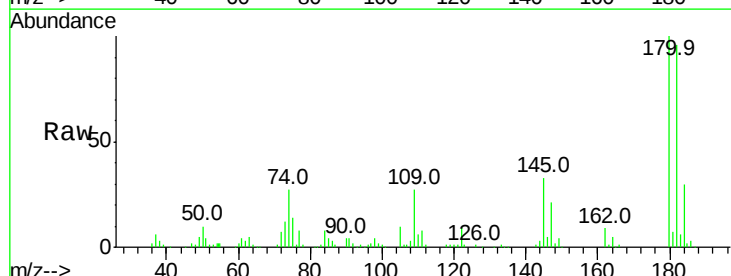


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

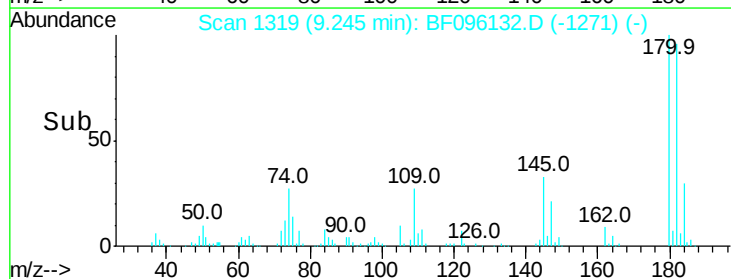
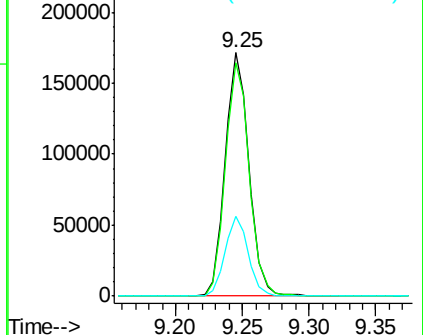


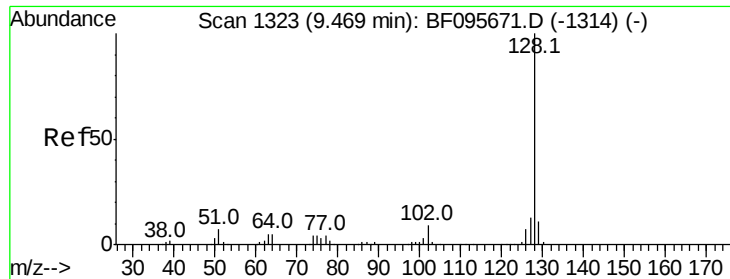
#30
 1,2,4-Trichlorobenzene
 Concen: 38.61 ng
 RT: 9.25 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	33.0	25.3	37.9



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

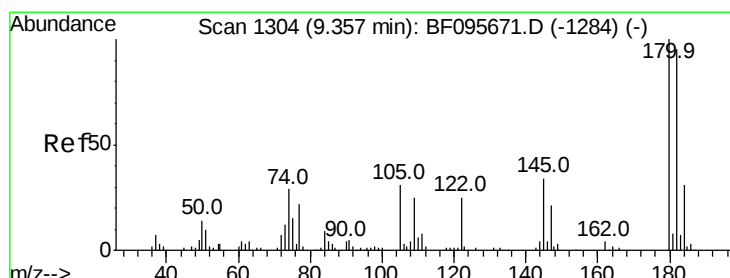
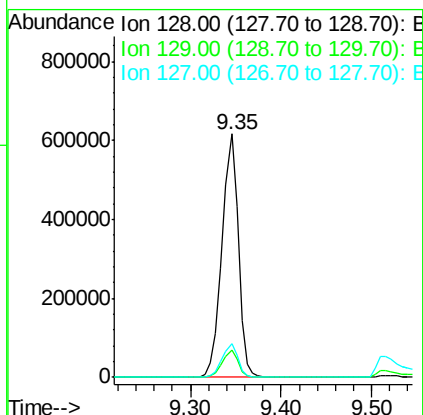
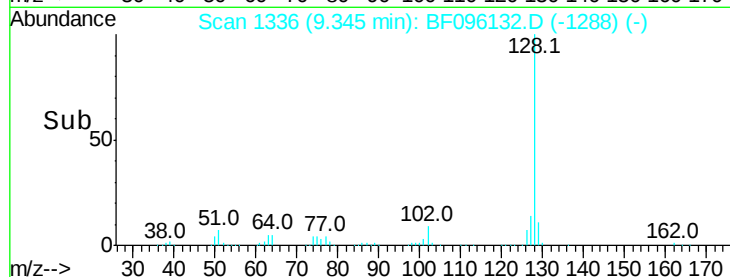
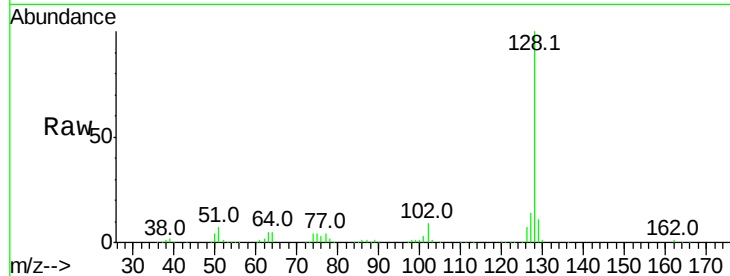




#31
Naphthalene
Concen: 38.56 ng
RT: 9.35 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

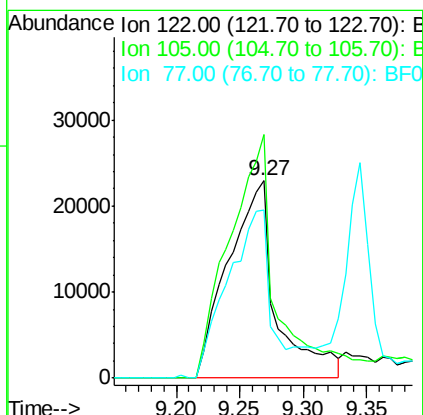
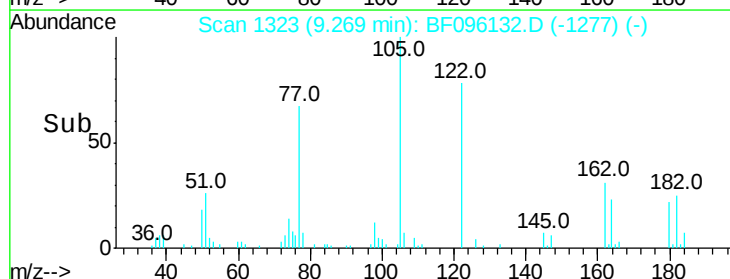
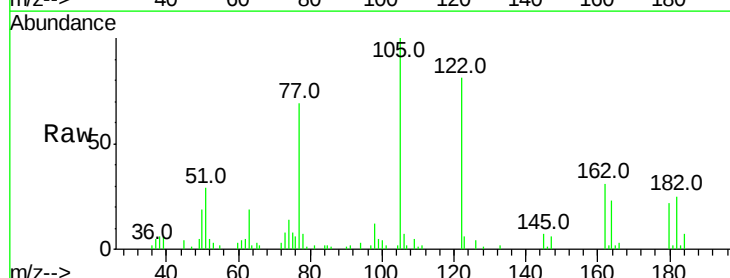
Instrument :
BNA_F
ClientSampleId :

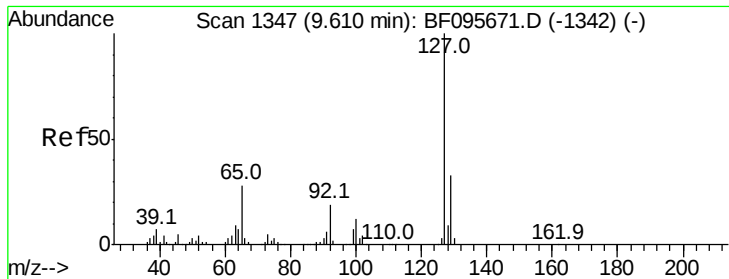
Tot Ion:128 Resp: 769331
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 20.71 ng
RT: 9.27 min Scan# 1323
Delta R.T. -0.03 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:122 Resp: 60616
Ion Ratio Lower Upper
122 100
105 123.6 103.3 143.3
77 85.2 73.7 113.7

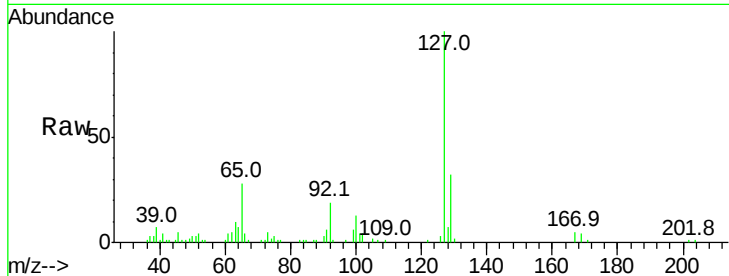




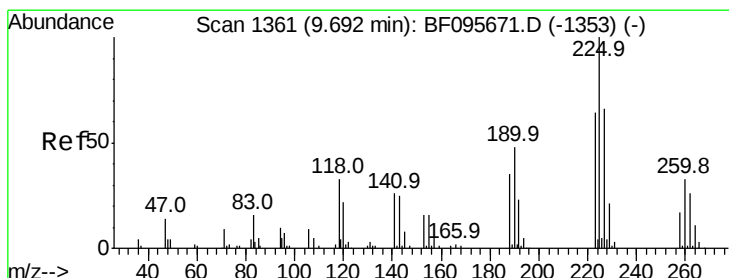
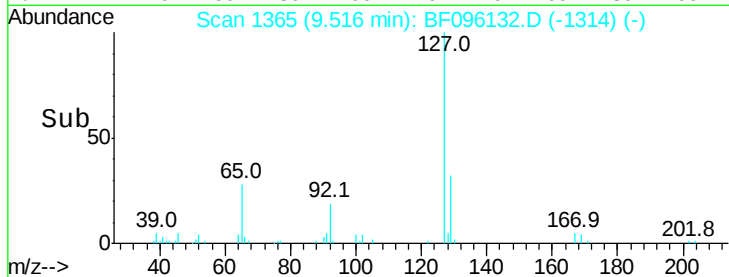
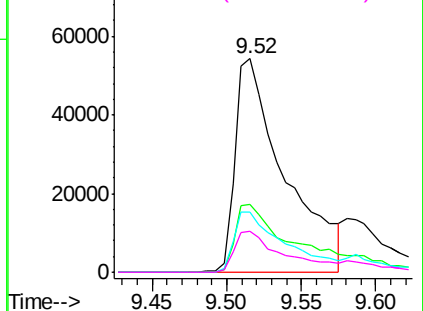
#33
4-Chloroaniline
Concen: 16.17 ng
RT: 9.52 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	126061
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	28.0	27.8	41.8
92	19.0	16.8	25.2

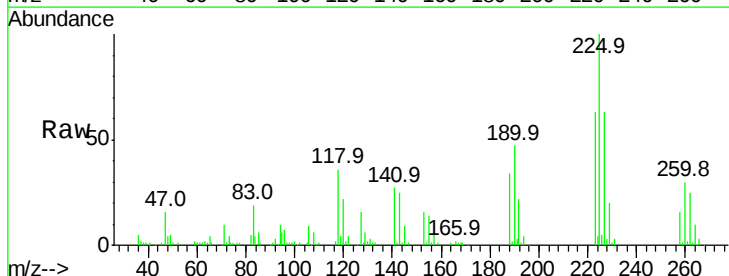


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

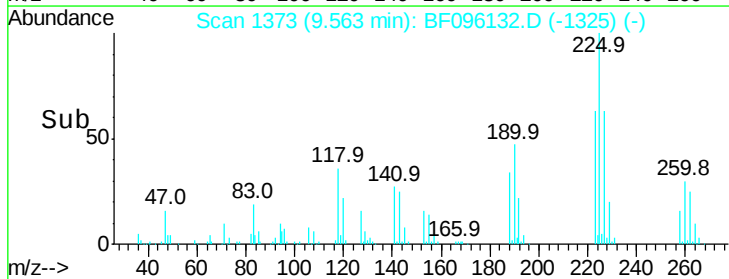
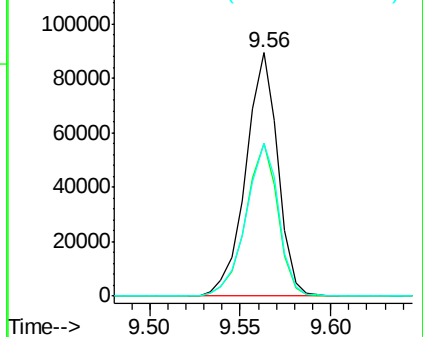


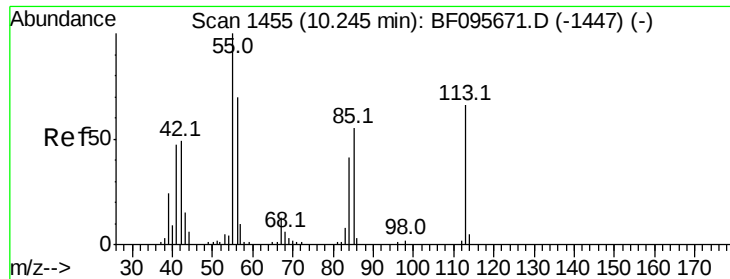
#34
Hexachlorobutadiene
Concen: 38.08 ng
RT: 9.56 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:	225	Resp:	109543
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	62.9	51.1	76.7



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

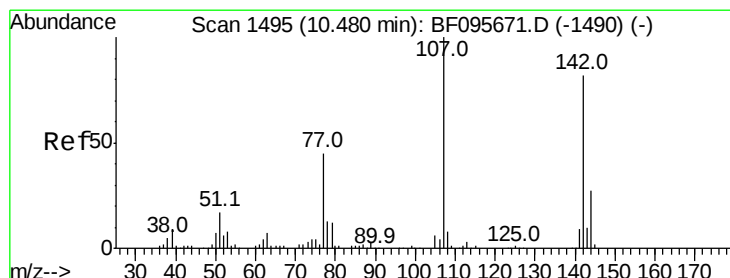
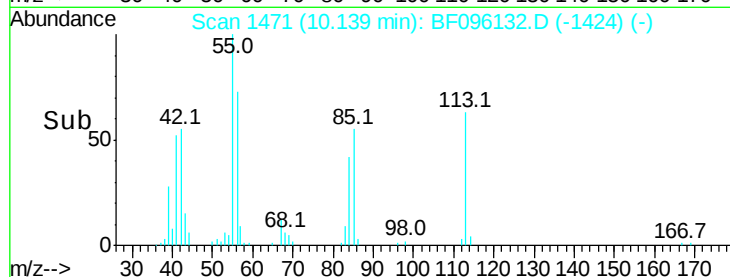
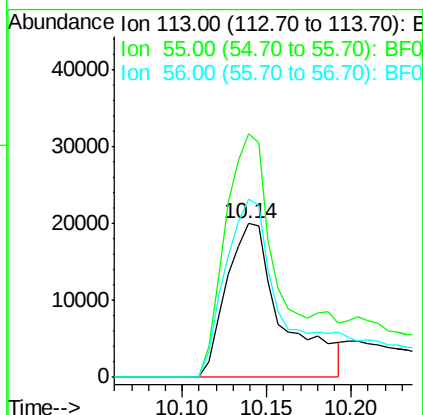
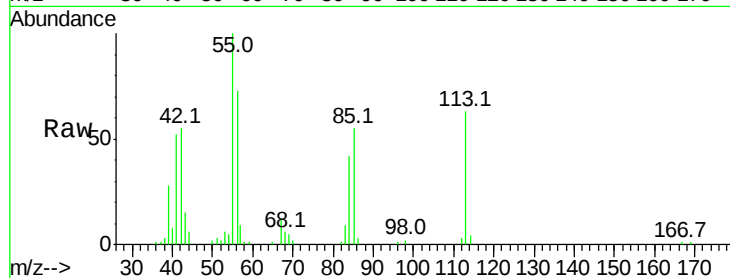




#35
 Caprolactam
 Concen: 28.91 ng
 RT: 10.14 min Scan# 1471
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

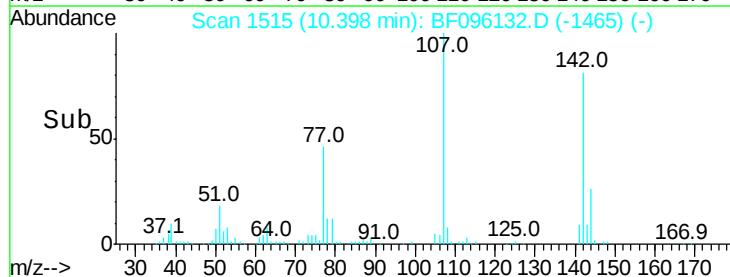
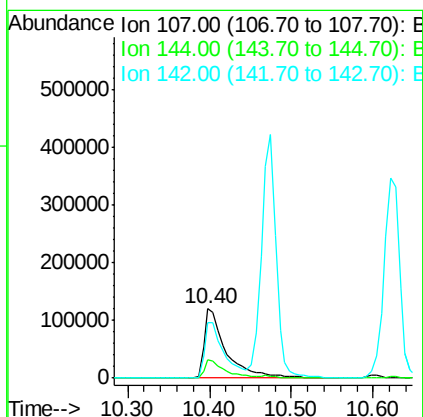
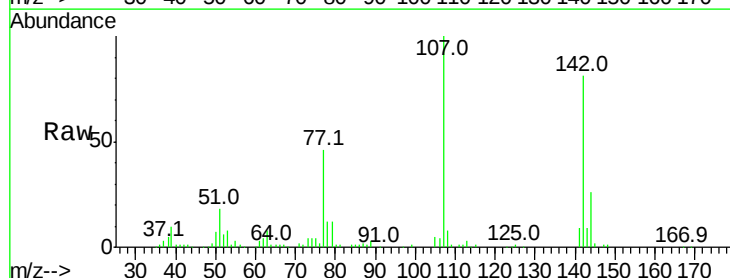
Instrument :
 BNA_F
 ClientSampleId :

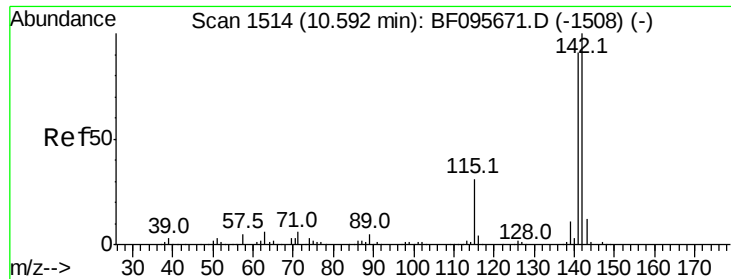
Tot Ion:113 Resp: 46033
 Ion Ratio Lower Upper
 113 100
 55 158.5 150.2 190.2
 56 116.3 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.31 ng
 RT: 10.40 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:107 Resp: 225792
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 81.0 73.4 110.0

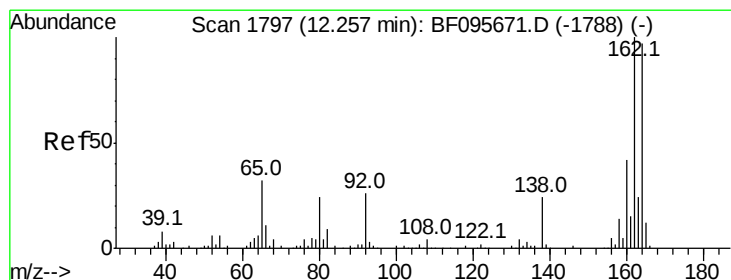
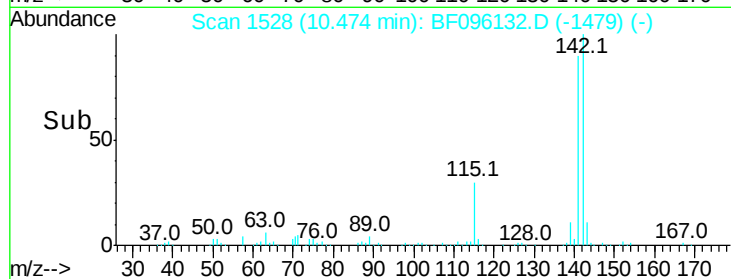
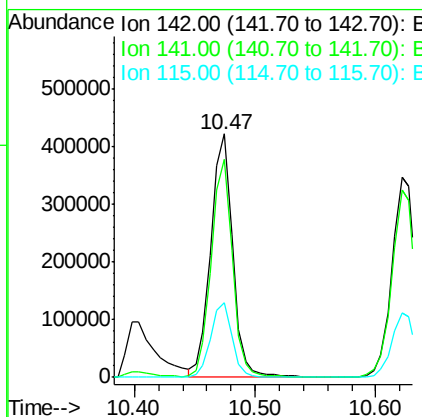
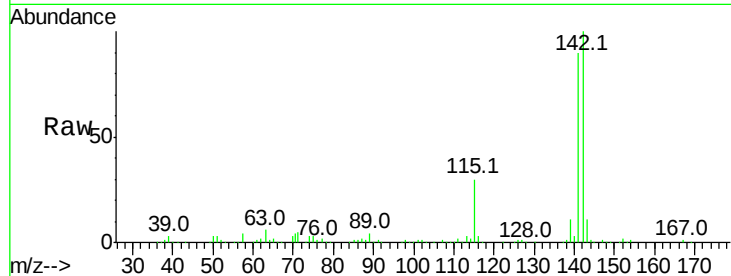




#37
 2-Methylnaphthalene
 Concen: 39.25 ng
 RT: 10.47 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

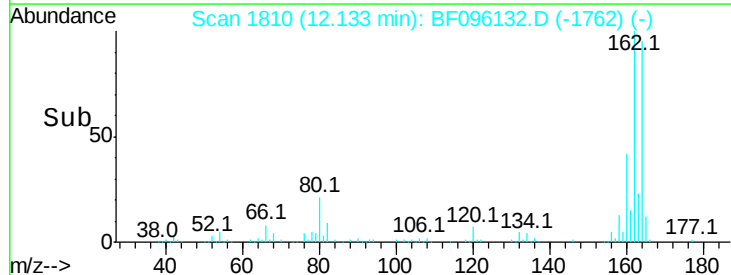
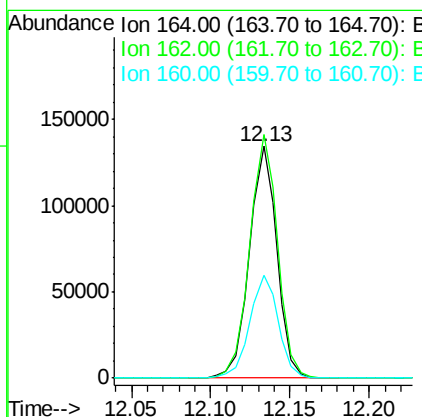
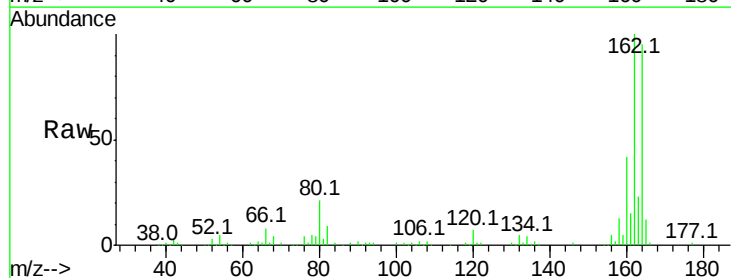
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	30.4	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	44.5	36.2	54.2

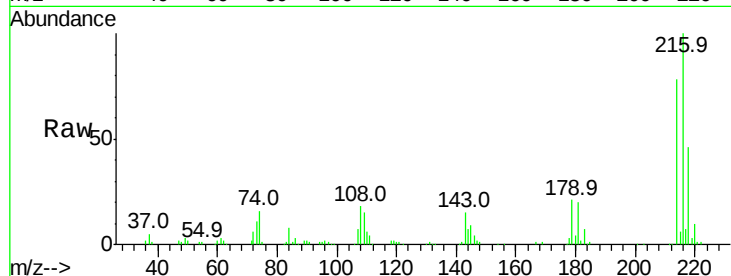




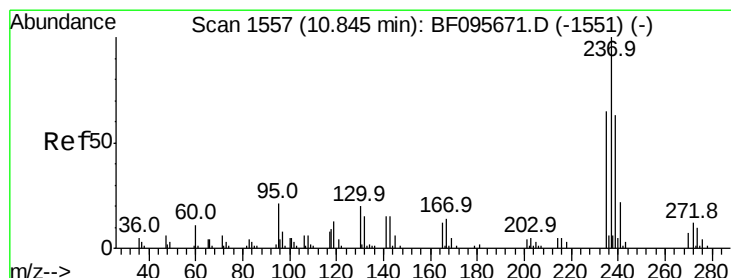
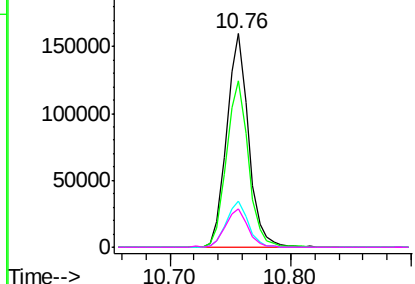
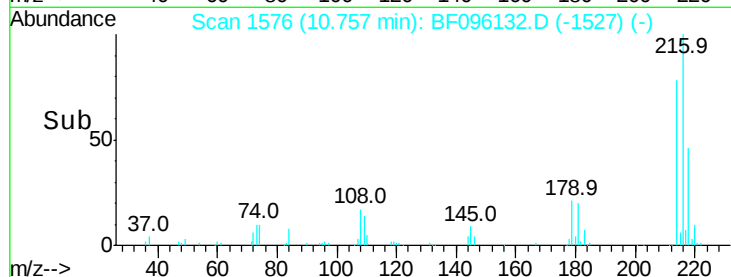
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.58 ng
 RT: 10.76 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	200587
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	21.8	17.9	26.9
108	18.8	16.5	24.7

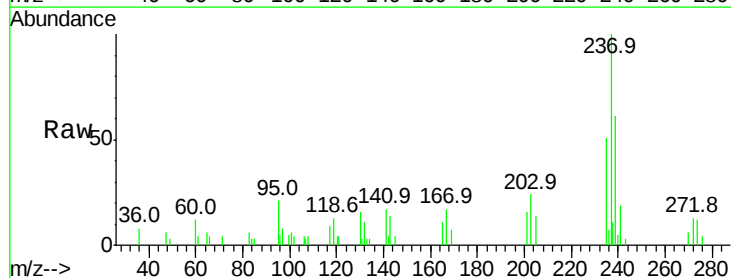


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

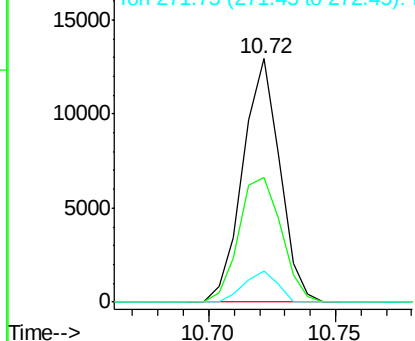
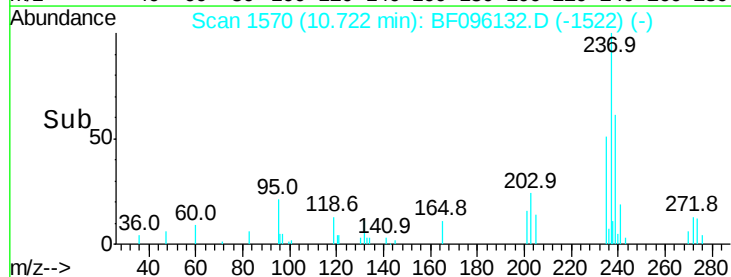


#40
 Hexachlorocyclopentadiene
 Concen: 18.75 ng
 RT: 10.72 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:	237	Resp:	13210
Ion	Ratio	Lower	Upper
237	100		
235	51.3	42.6	82.6
272	12.8	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

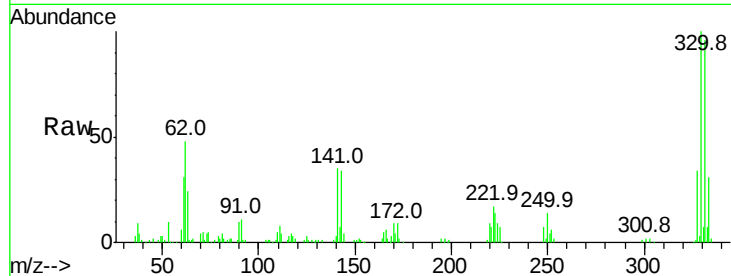




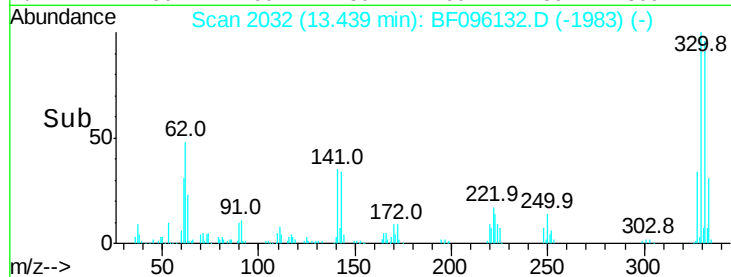
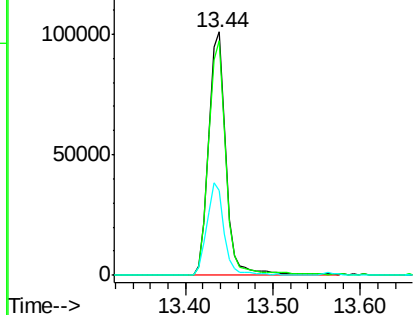
#41
 2,4,6-Tribromophenol
 Concen: 98.40 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 140338
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 37.6 31.4 47.2

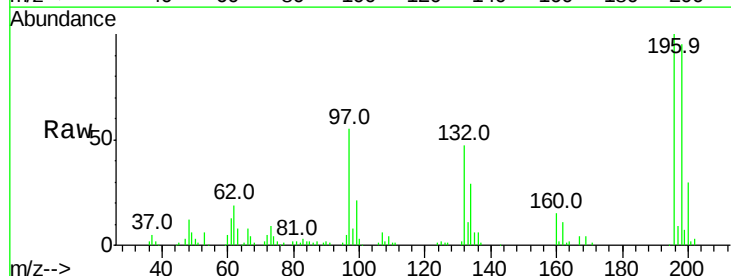


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

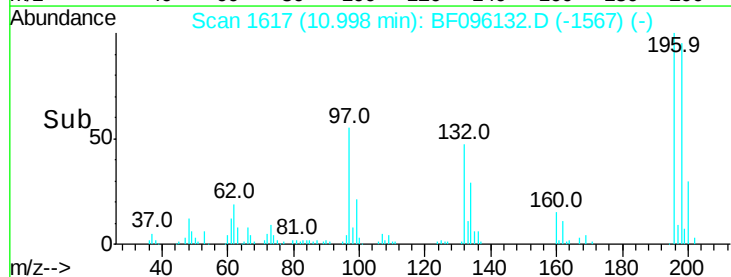
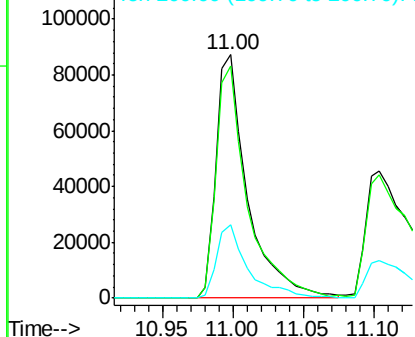


#42
 2,4,6-Trichlorophenol
 Concen: 43.73 ng
 RT: 11.00 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:196 Resp: 135637
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.2 111.4
 200 30.1 24.0 36.0



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

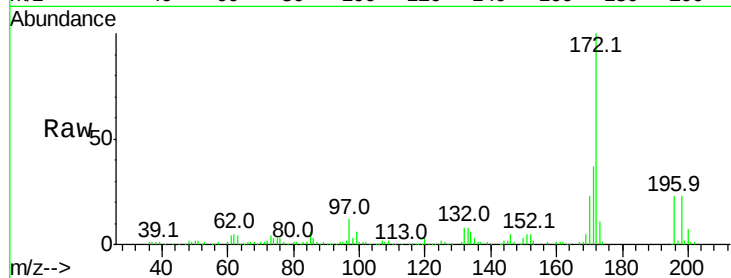




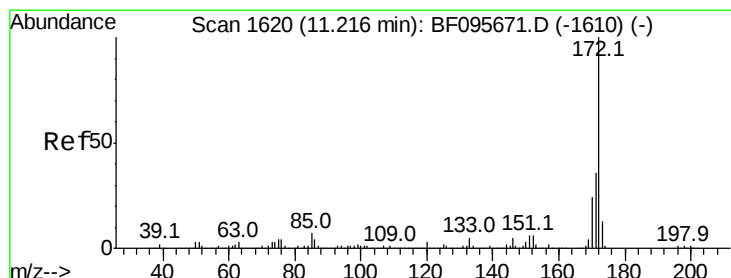
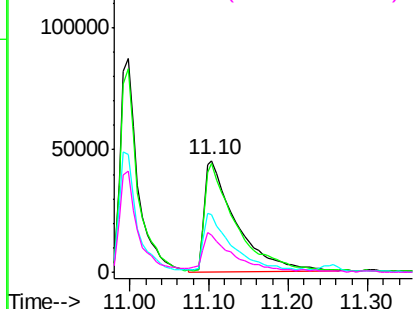
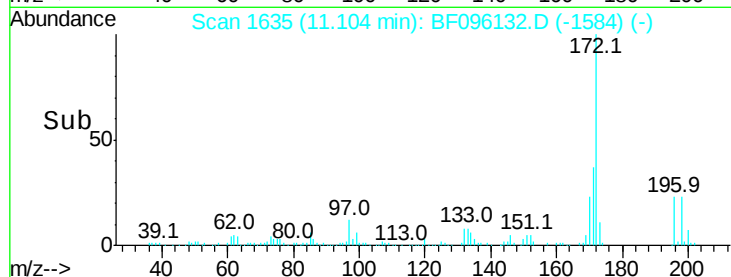
#43
 2,4,5-Trichlorophenol
 Concen: 37.80 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
97	51.3	47.7	71.5
132	32.7	28.0	42.0

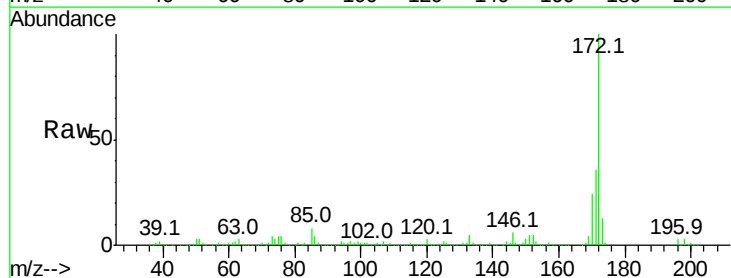


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

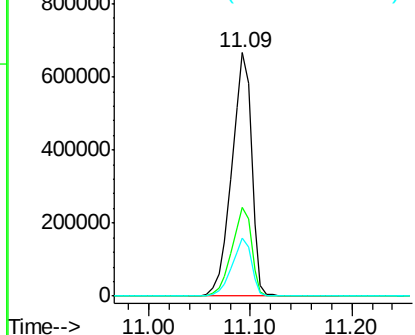
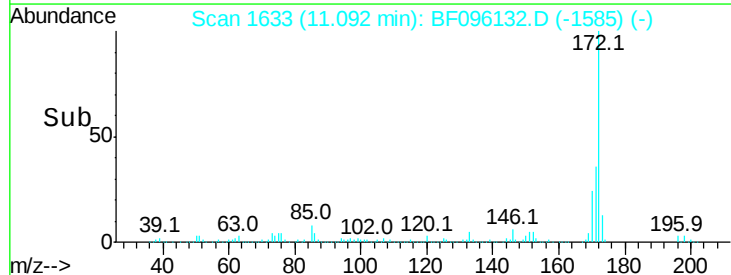


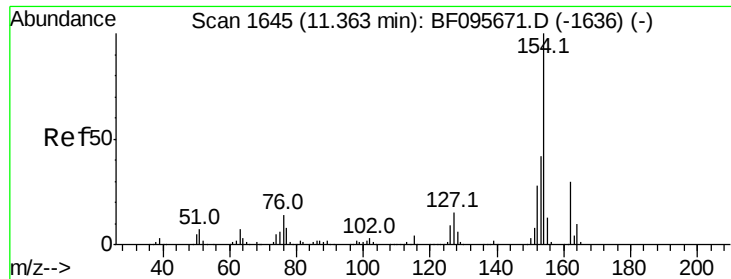
#44
 2-Fluorobiphenyl
 Concen: 77.88 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

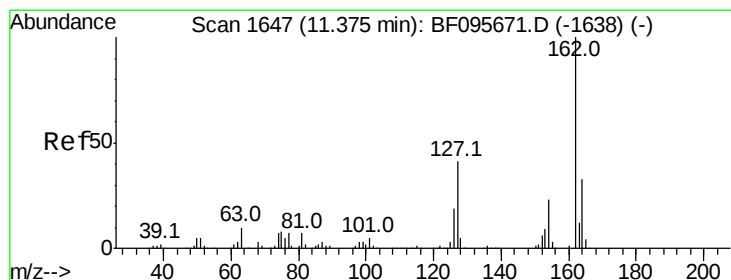
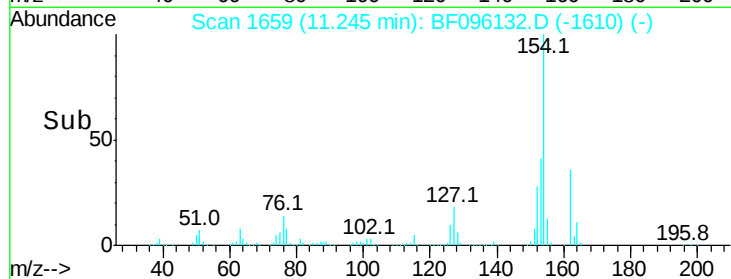
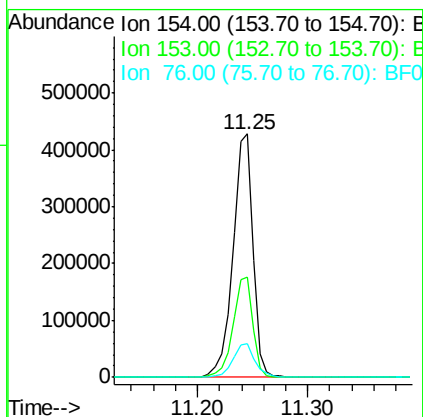
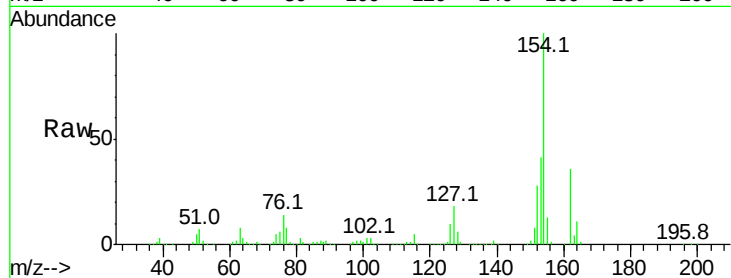




#45
 1,1'-Biphenyl
 Concen: 41.01 ng
 RT: 11.25 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

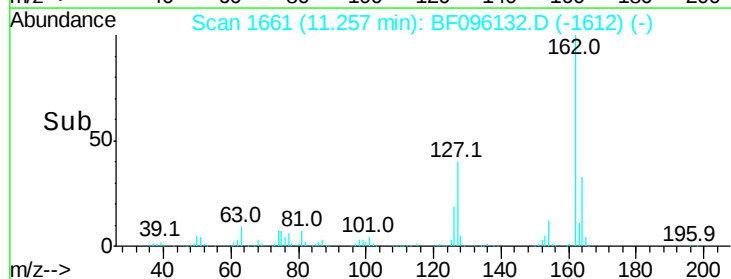
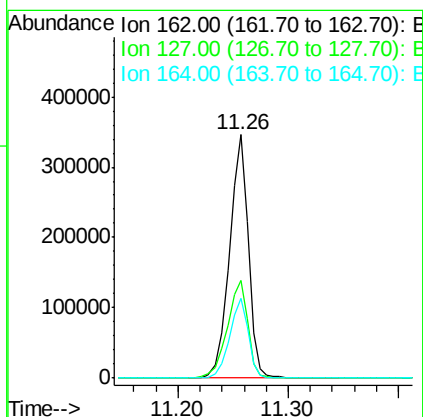
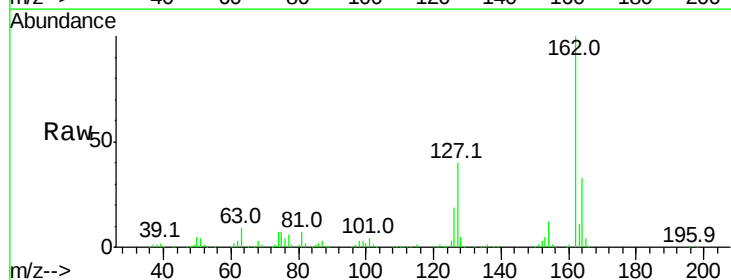
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 544786
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.2 61.2
 76 13.8 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 39.87 ng
 RT: 11.26 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:162 Resp: 413836
 Ion Ratio Lower Upper
 162 100
 127 40.2 28.3 42.5
 164 32.6 27.0 40.4

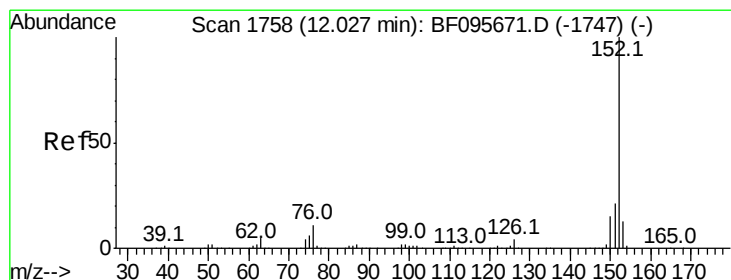
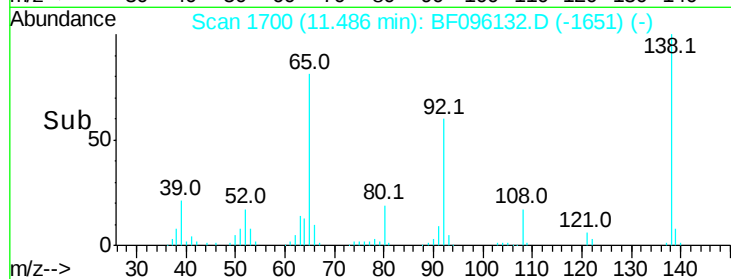
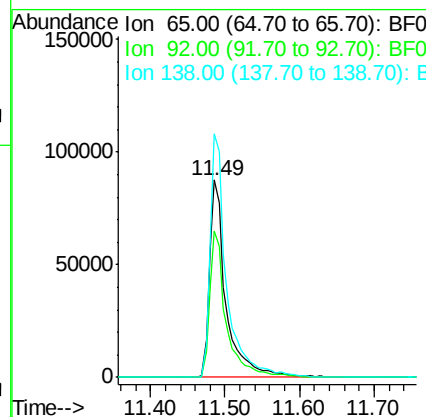
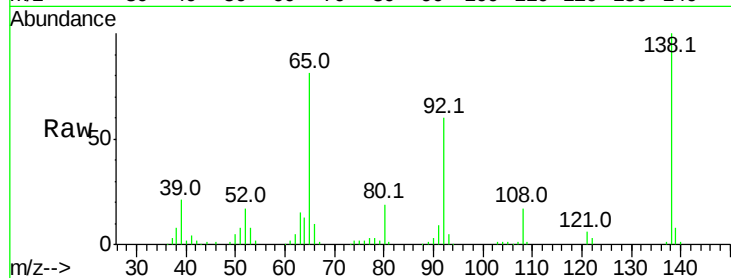




#47
2-Nitroaniline
Concen: 44.95 ng
RT: 11.49 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

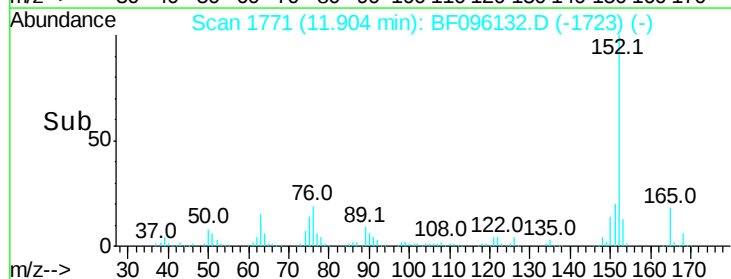
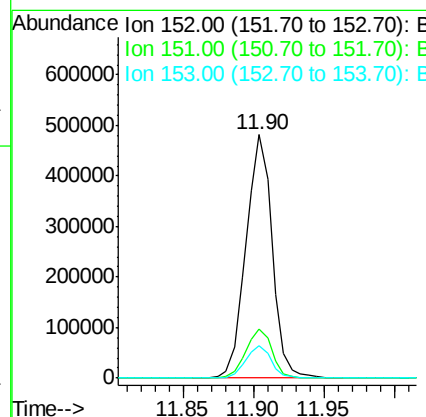
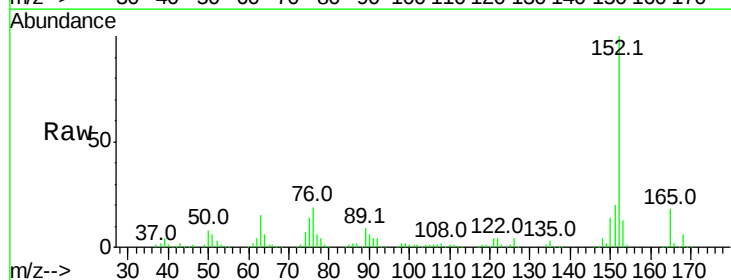
Instrument :
BNA_F
ClientSampleId :

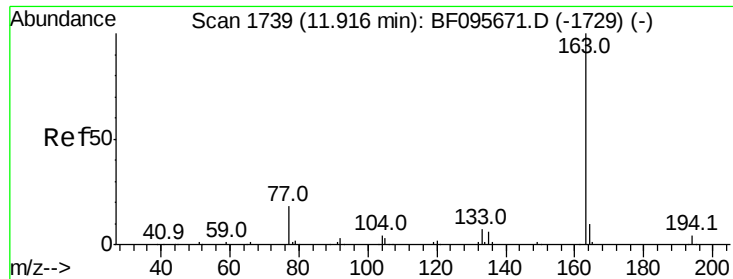
Tot Ion: 65 Resp: 136523
Ion Ratio Lower Upper
65 100
92 74.3 53.9 80.9
138 123.4 78.8 118.2#



#48
Acenaphthylene
Concen: 35.30 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:152 Resp: 626596
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 58.24 ng

RT: 11.81 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

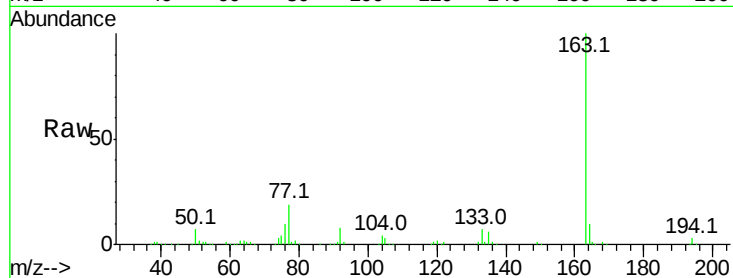
Tot Ion:163 Resp: 712738

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

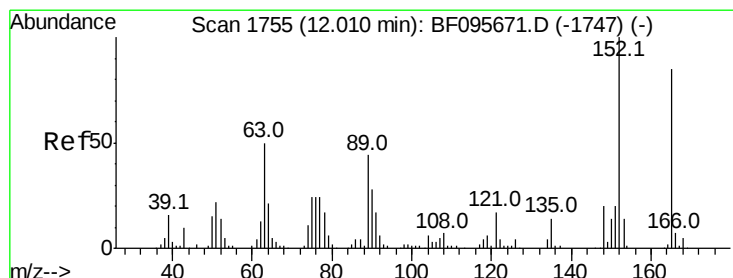
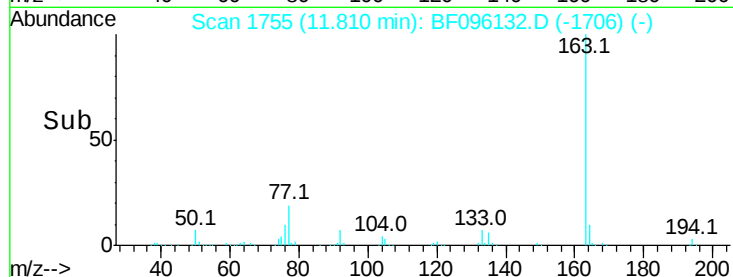
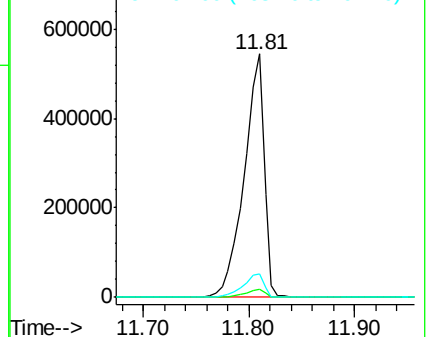
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.34 ng

RT: 11.90 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

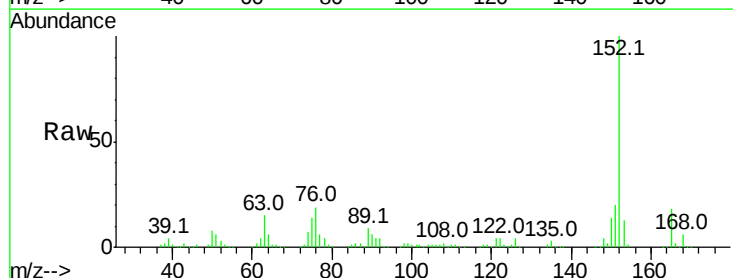
Tgt Ion:165 Resp: 99679

Ion Ratio Lower Upper

165 100

63 84.3 34.3 51.5#

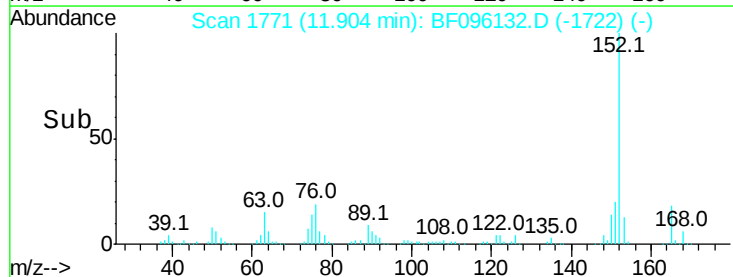
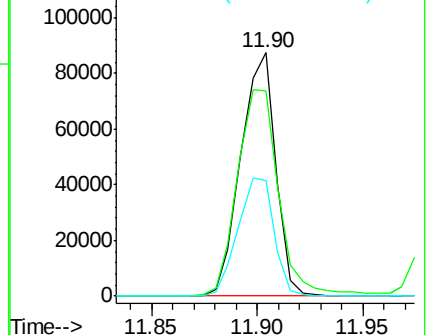
89 47.2 37.1 55.7

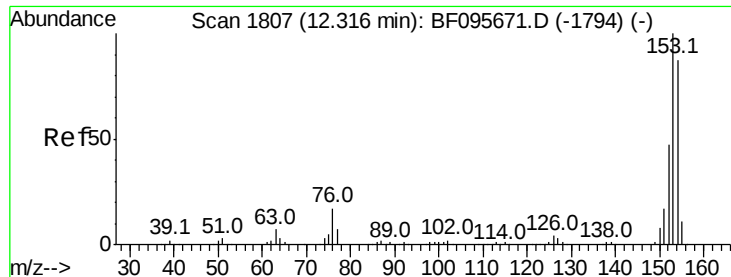


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.69 ng

RT: 12.19 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

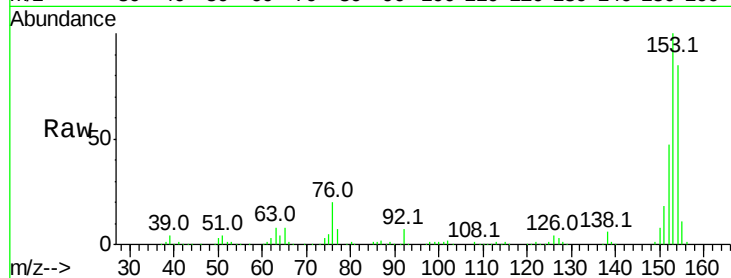
Tot Ion:154 Resp: 386334

Ion Ratio Lower Upper

154 100

153 117.6 90.5 135.7

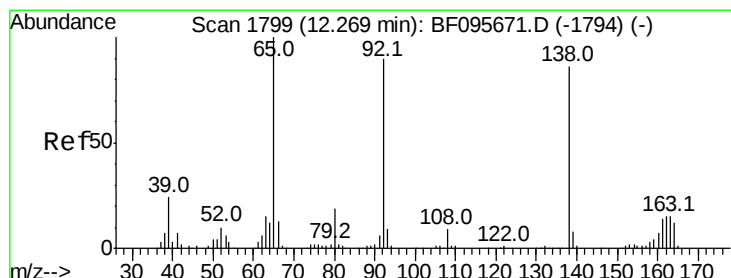
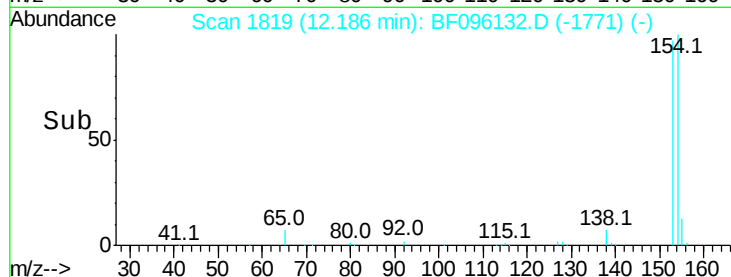
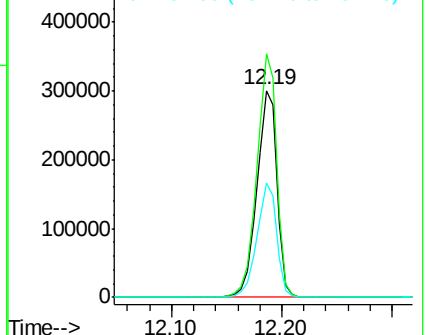
152 55.3 43.6 65.4



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: 33.14 ng

RT: 12.17 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

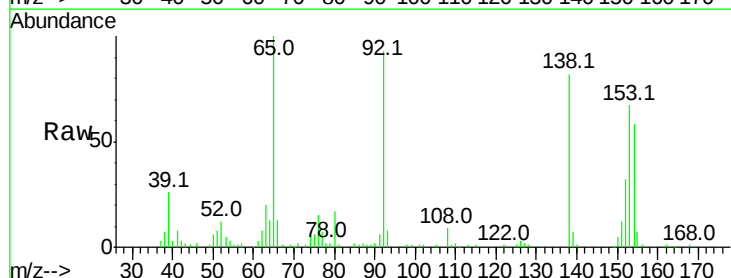
Tgt Ion:138 Resp: 103057

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

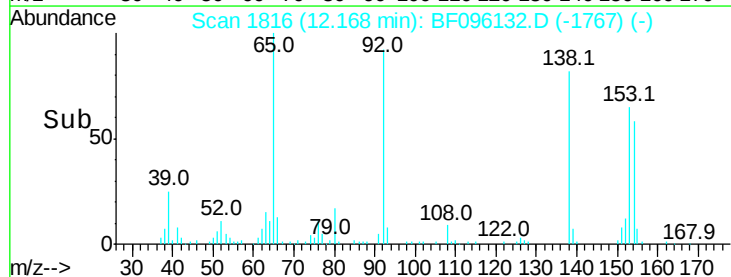
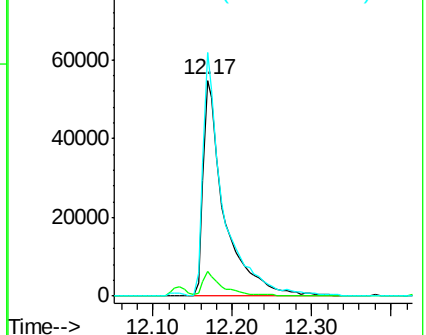
92 112.8 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

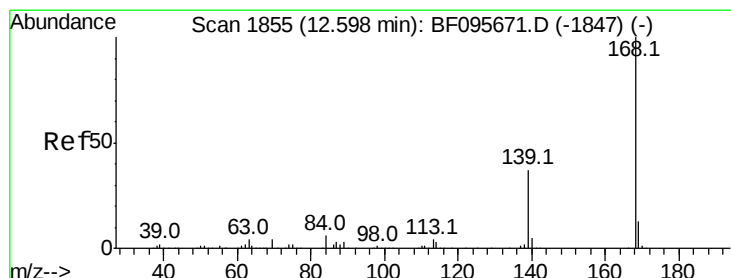
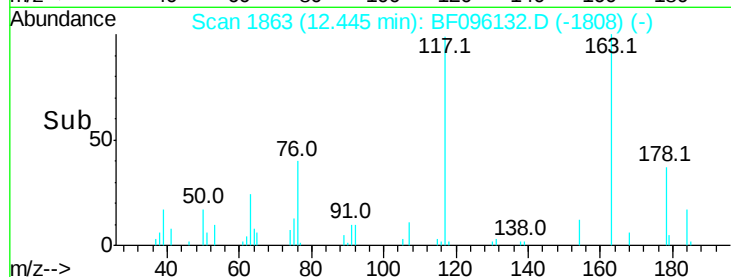
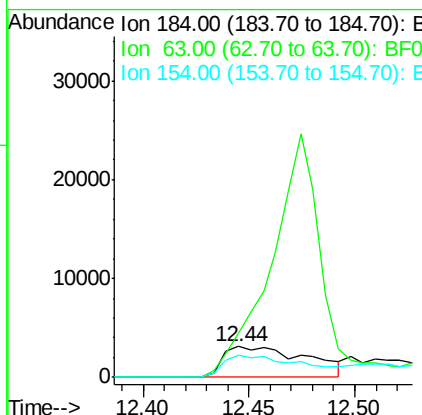
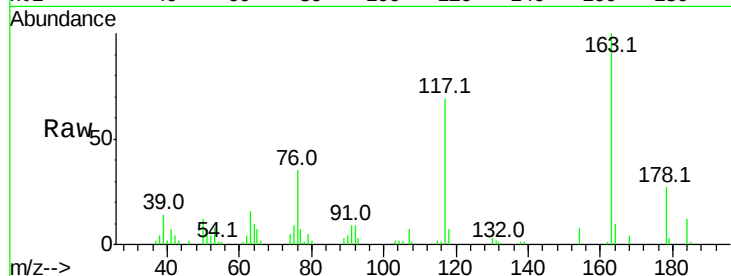




#53
 2,4-Dinitrophenol
 Concen: 11.73 ng
 RT: 12.44 min Scan# 1863
 Delta R.T. 0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

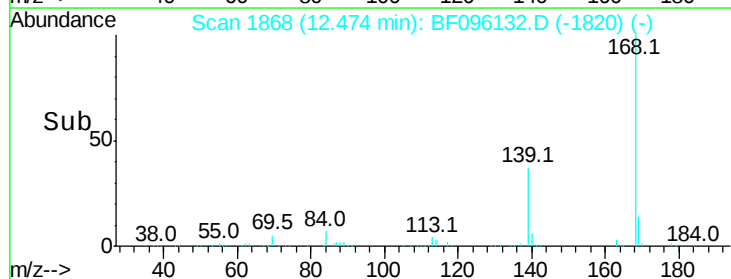
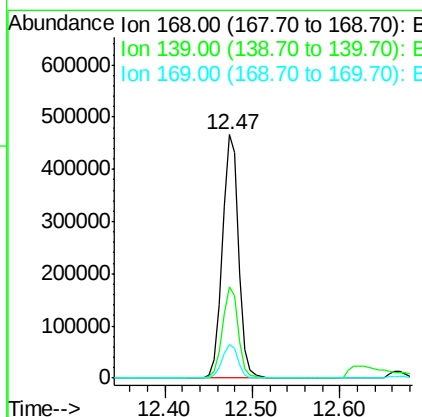
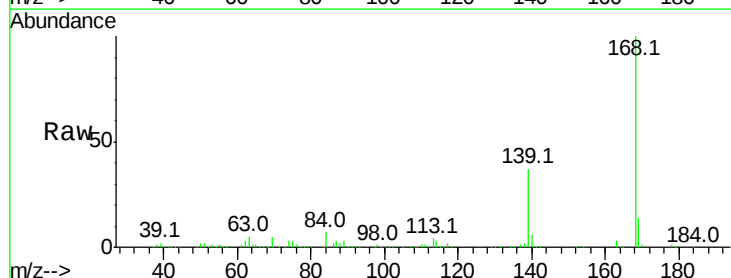
Instrument :
 BNA_F
 ClientSampleId :

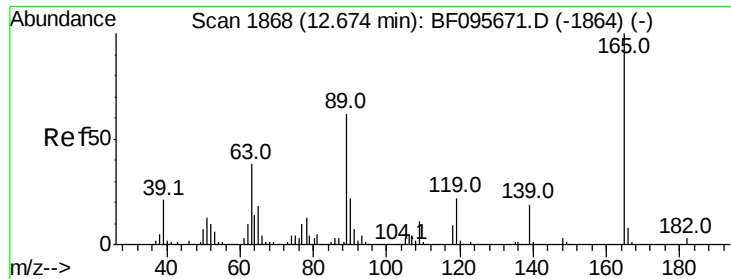
Tot Ion:184 Resp: 8637
 Ion Ratio Lower Upper
 184 100
 63 140.5 62.7 94.1#
 154 71.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.63 ng
 RT: 12.47 min Scan# 1868
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:168 Resp: 600637
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.6 45.8
 169 13.9 10.8 16.2





#55

4-Nitrophenol

Concen: 60.31 ng

RT: 12.62 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

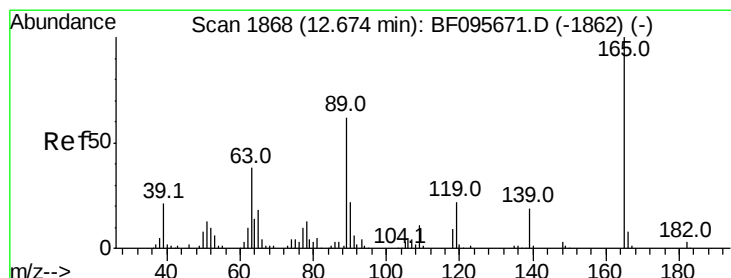
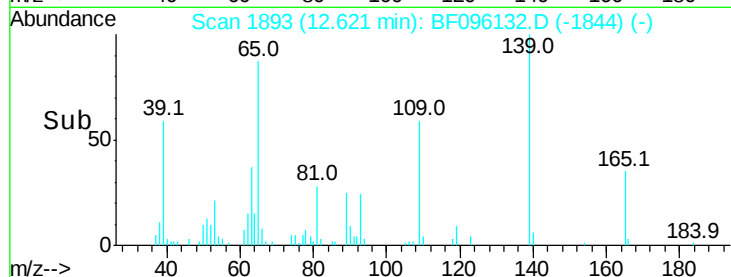
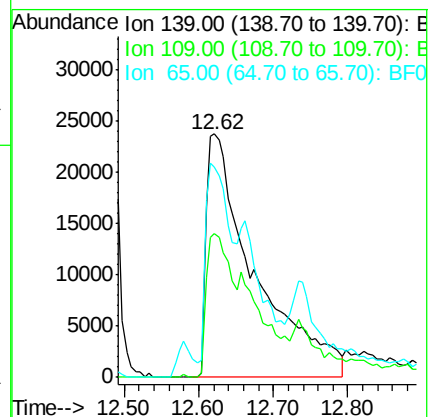
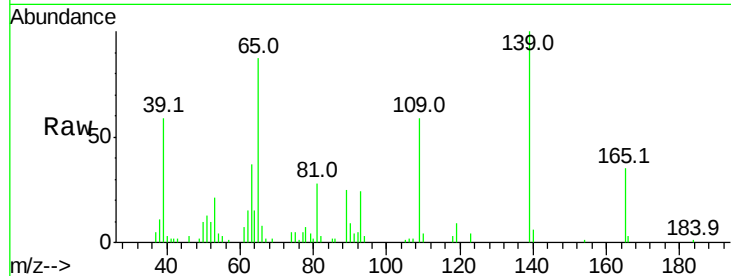
Tot Ion:139 Resp: 107314

Ion Ratio Lower Upper

139 100

109 59.0 34.1 74.1

65 86.5 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 39.07 ng

RT: 12.58 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Tgt Ion:165 Resp: 140862

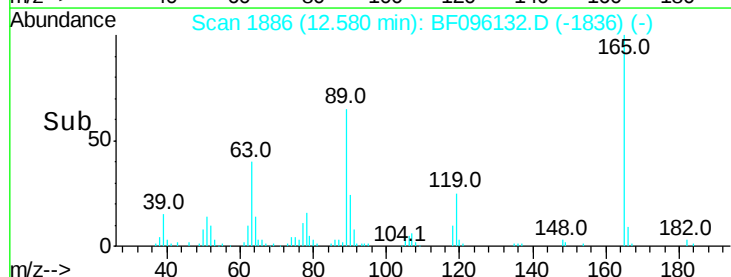
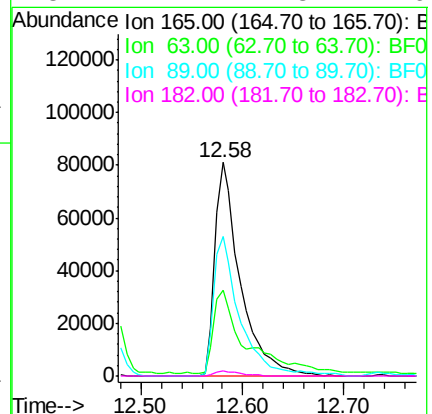
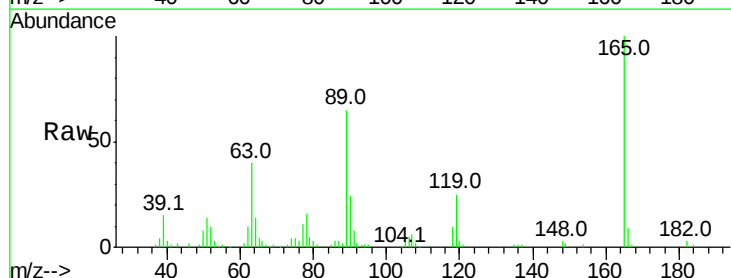
Ion Ratio Lower Upper

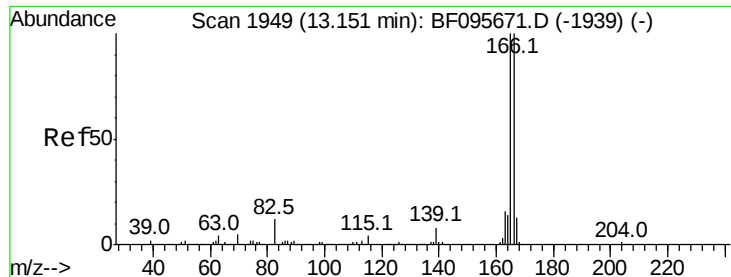
165 100

63 40.3 25.4 38.0#

89 65.3 46.4 69.6

182 2.7 1.8 2.6#

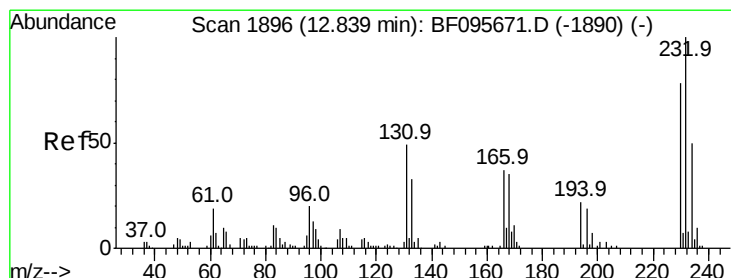
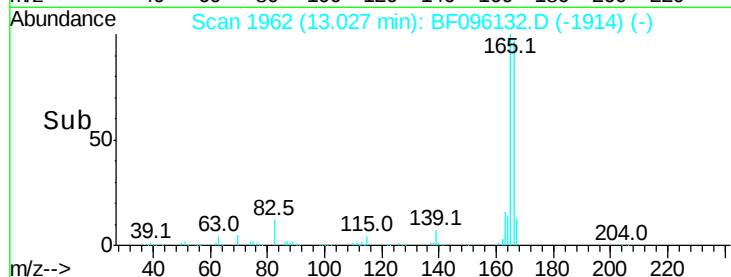
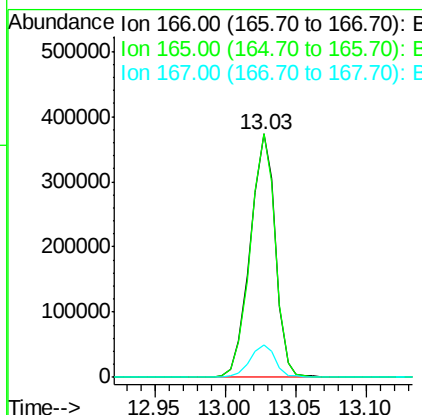
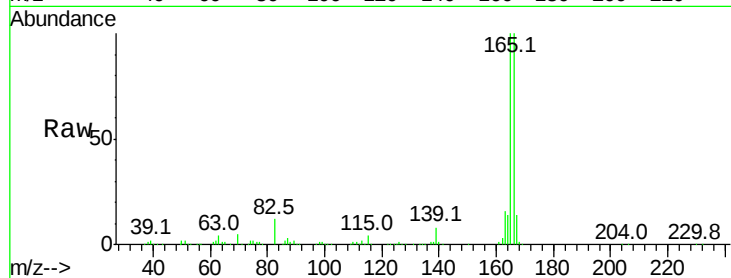




#57
 Fluorene
 Concen: 37.50 ng
 RT: 13.03 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

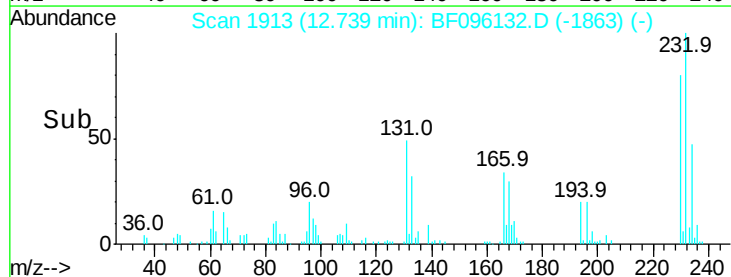
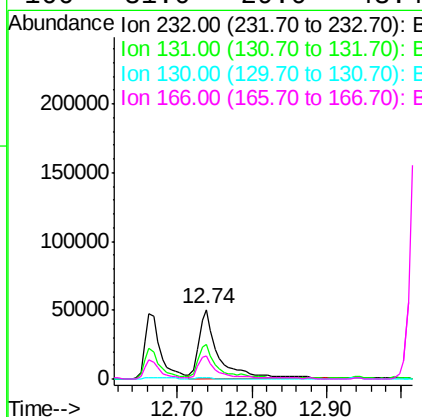
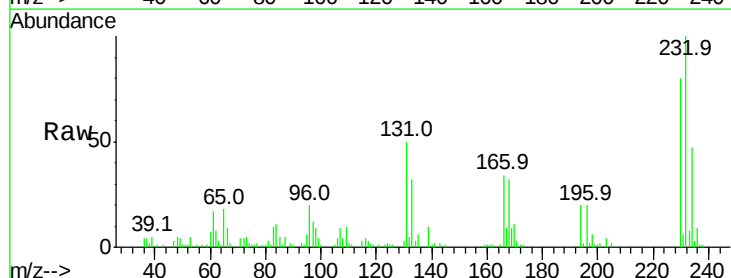
Instrument :
 BNA_F
 ClientSampled :

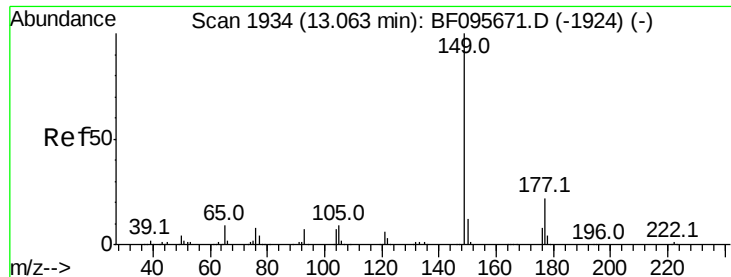
Tot Ion:166 Resp: 470780
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.87 ng
 RT: 12.74 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:232 Resp: 92261
 Ion Ratio Lower Upper
 232 100
 131 47.7 44.8 67.2
 130 2.0 2.3 3.5#
 166 31.0 29.0 43.4

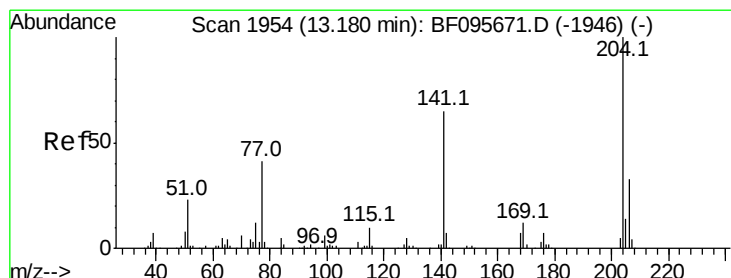
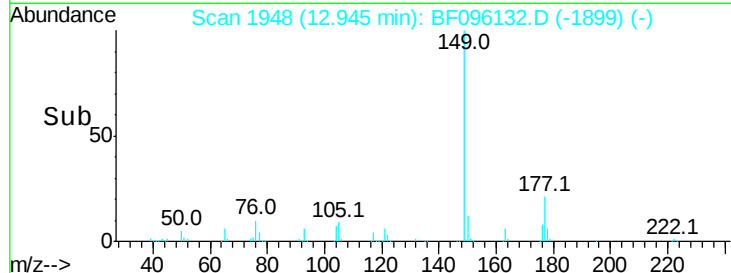
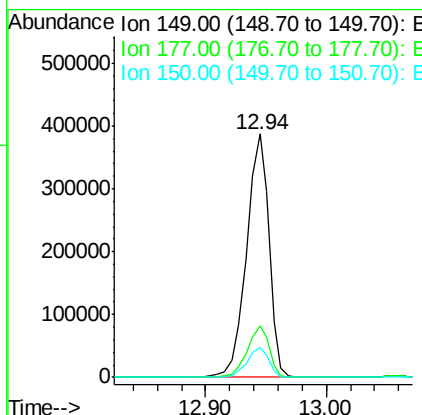
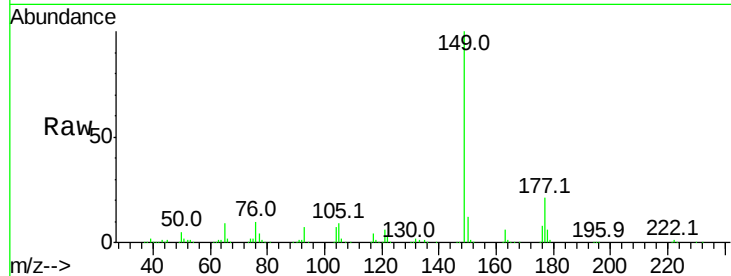




#59
Diethylphthalate
Concen: 42.81 ng
RT: 12.94 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

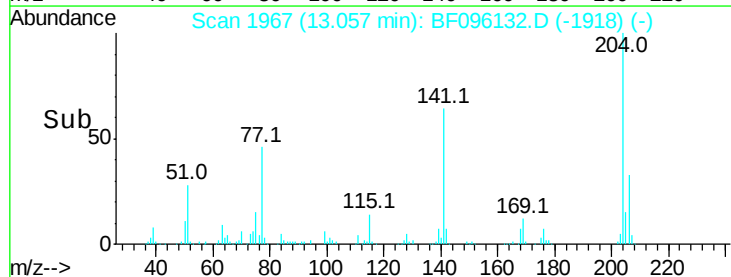
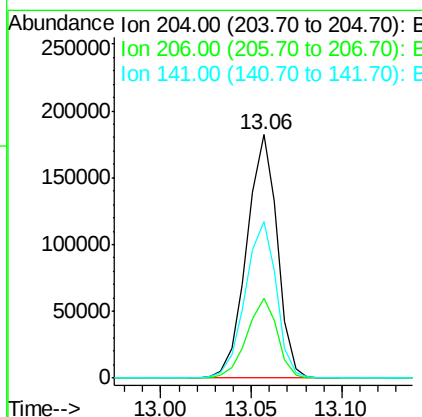
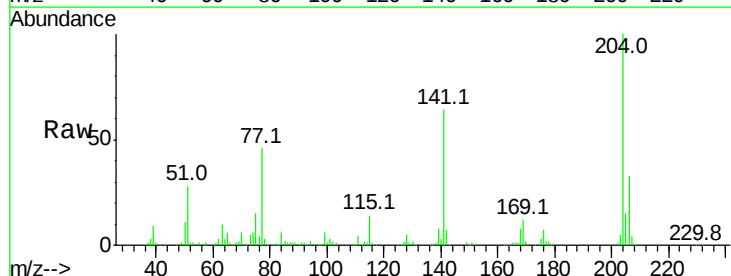
Instrument :
BNA_F
ClientSampled :

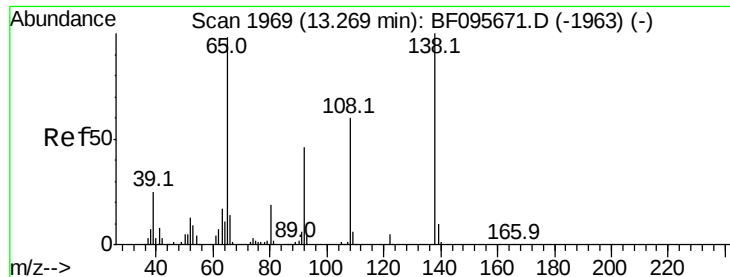
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.13 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	64.4	60.8	91.2

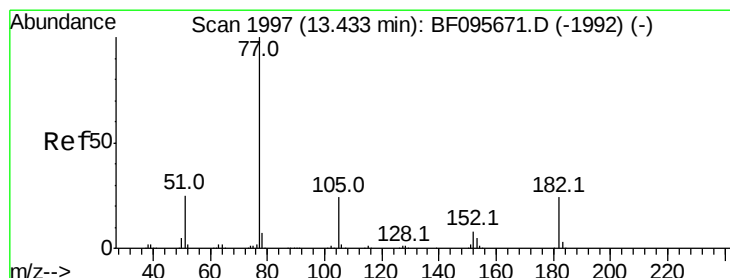
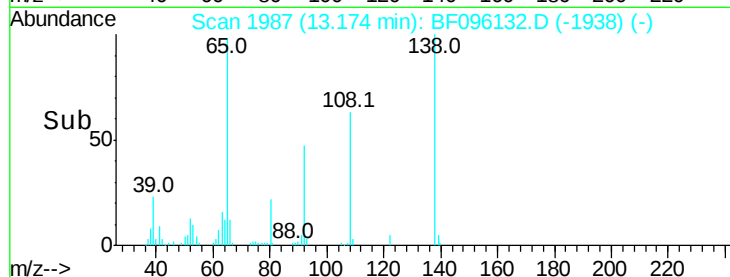
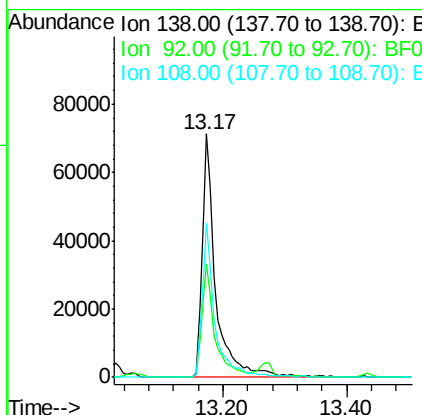
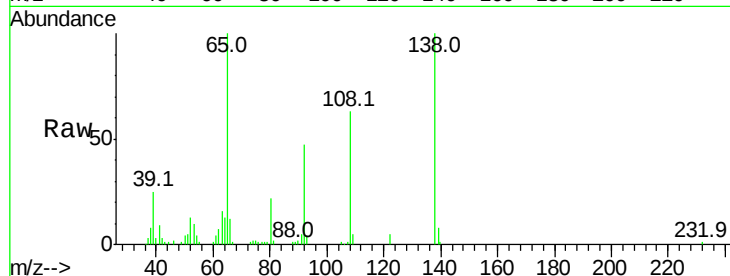




#61
4-Nitroaniline
Concen: 38.21 ng
RT: 13.17 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

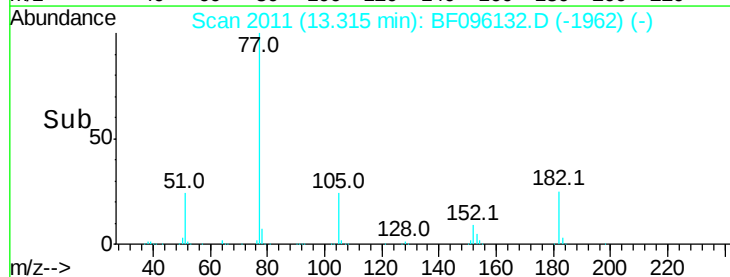
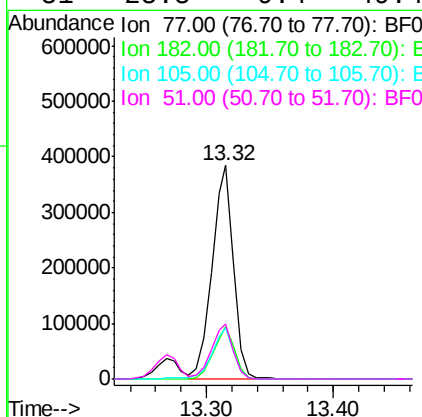
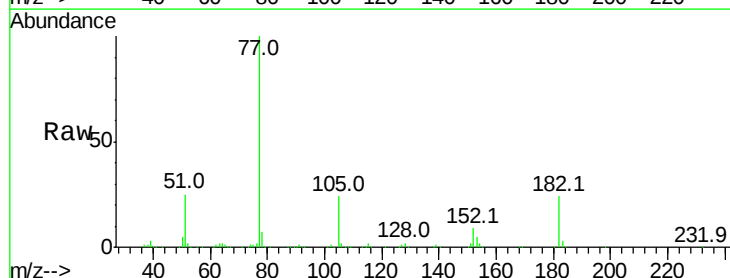
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 110965
Ion Ratio Lower Upper
138 100
92 46.6 21.8 61.8
108 63.1 42.3 82.3



#62
Azobenzene
Concen: 42.50 ng
RT: 13.32 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion: 77 Resp: 453665
Ion Ratio Lower Upper
77 100
182 24.5 0.1 40.1
105 24.2 3.6 43.6
51 25.5 9.4 49.4

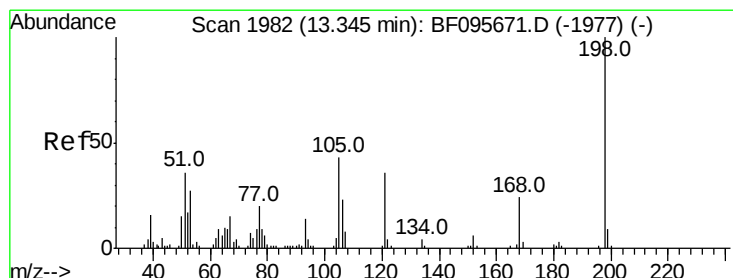
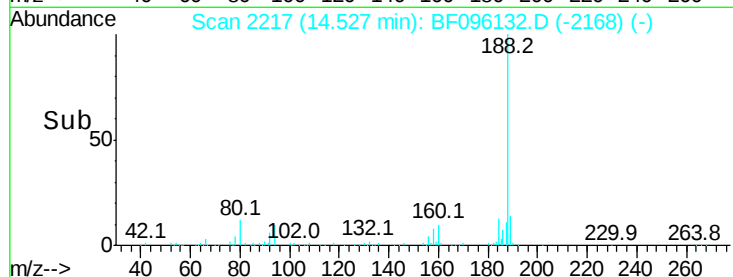
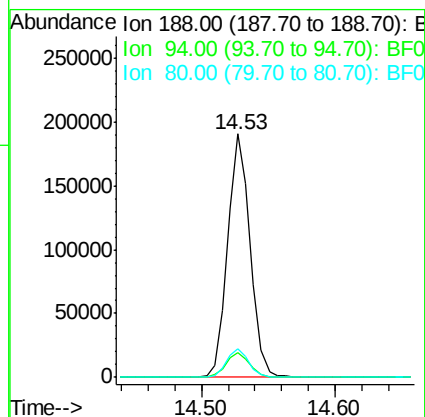
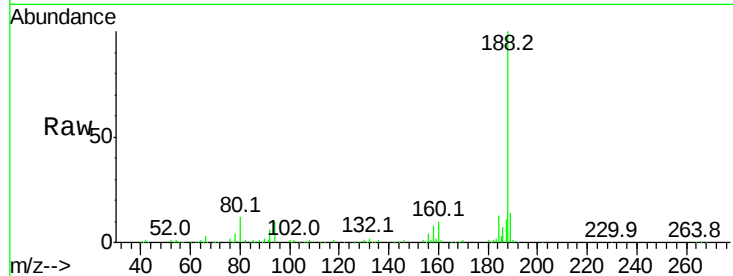




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

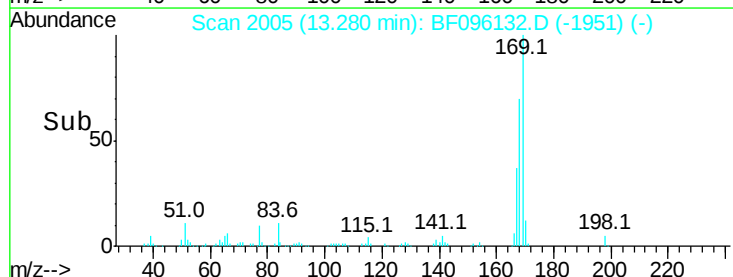
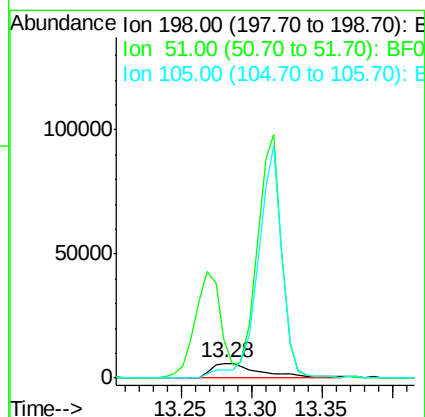
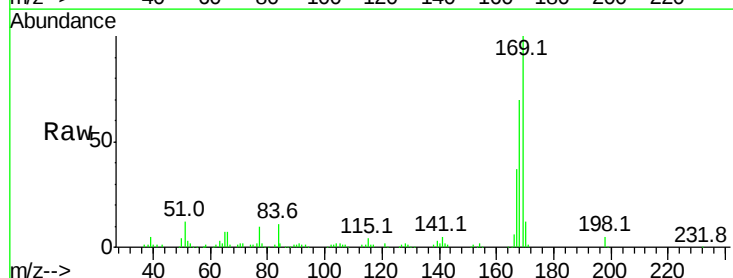
Instrument :
BNA_F
ClientSampled :

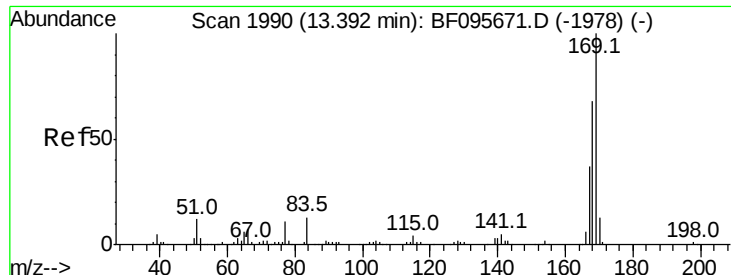
Tot Ion:188 Resp: 226680
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 10.02 ng
RT: 13.28 min Scan# 2005
Delta R.T. 0.02 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:198 Resp: 14931
Ion Ratio Lower Upper
198 100
51 259.8 53.2 93.2#
105 53.1 45.8 85.8

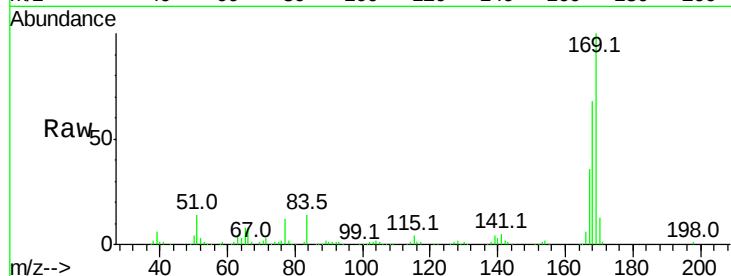




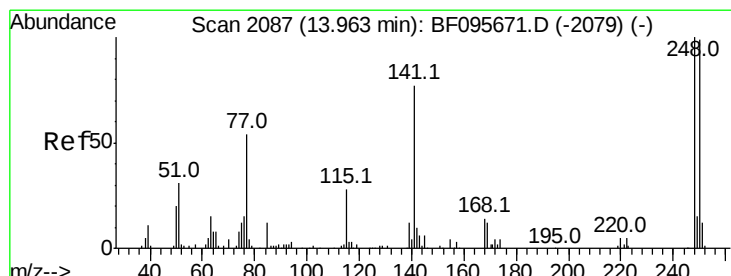
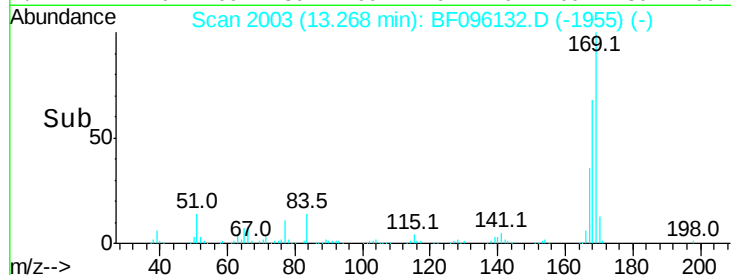
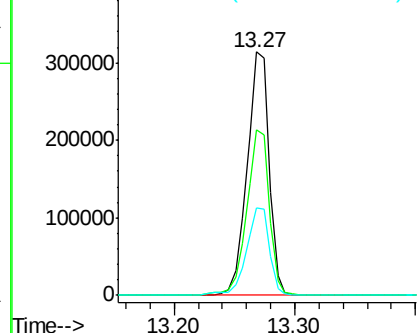
#65
n-Nitrosodiphenylamine
Concen: 49.27 ng
RT: 13.27 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 401284
Ion Ratio Lower Upper
169 100
168 68.0 53.2 79.8
167 36.1 29.5 44.3

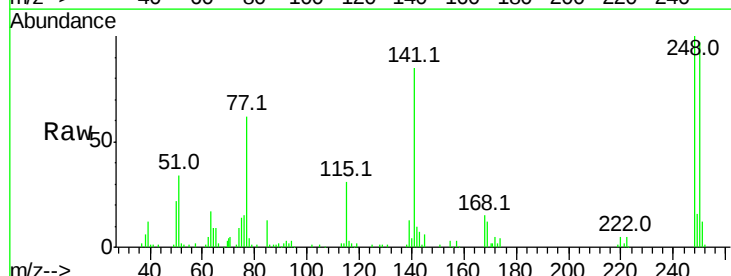


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

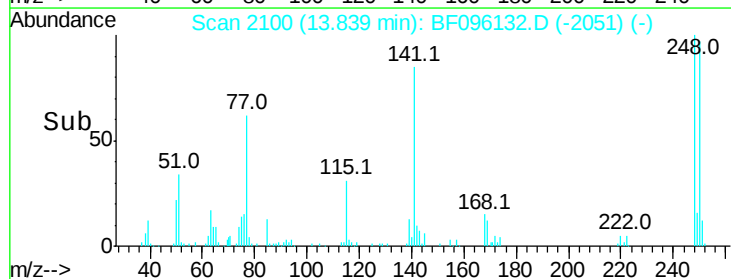
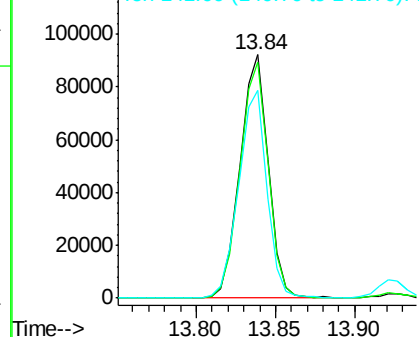


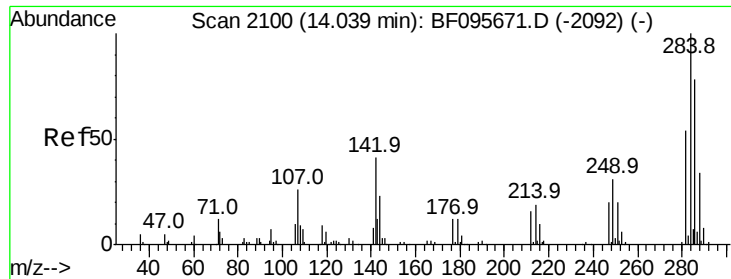
#66
4-Bromophenyl-phenylether
Concen: 48.24 ng
RT: 13.84 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:248 Resp: 113655
Ion Ratio Lower Upper
248 100
250 97.1 76.8 115.2
141 85.1 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

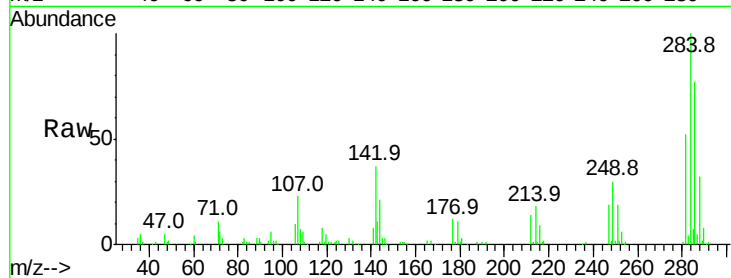




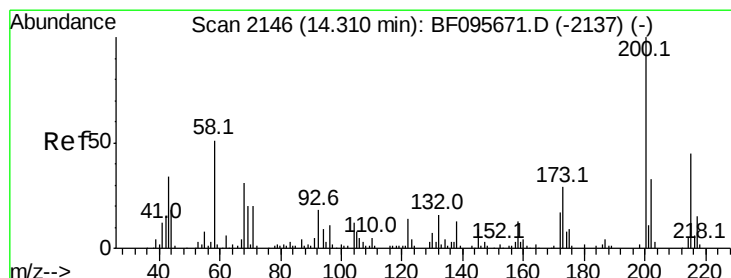
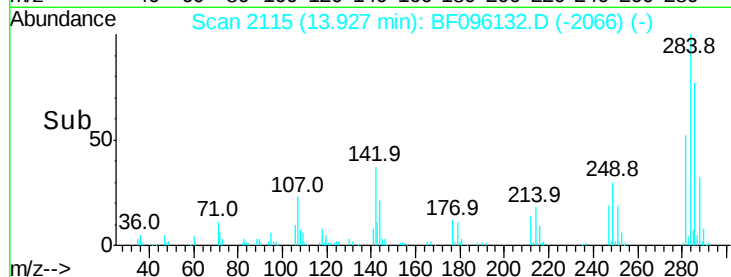
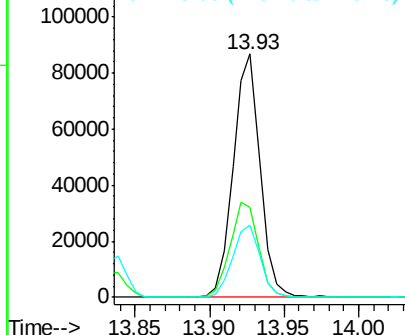
#67
Hexachlorobenzene
Concen: 47.01 ng
RT: 13.93 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 109127
Ion Ratio Lower Upper
284 100
142 37.1 22.8 34.2#
249 29.7 24.0 36.0

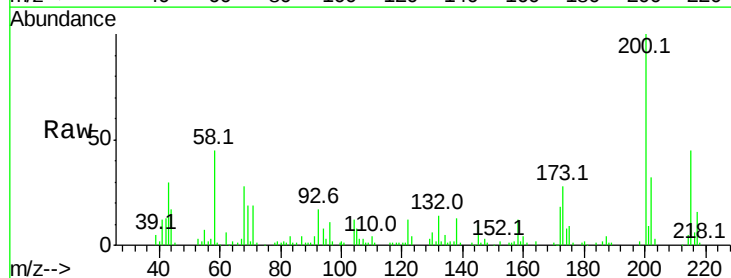


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

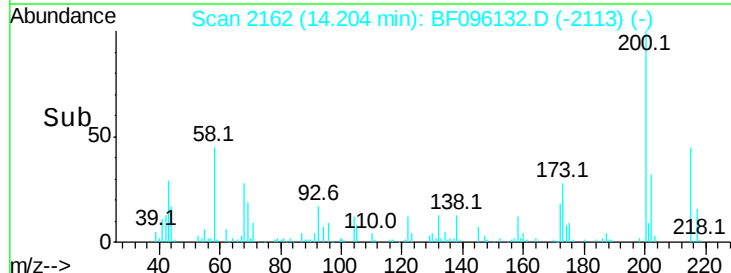
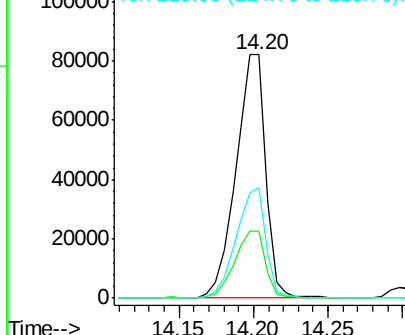


#68
Atrazine
Concen: 50.23 ng
RT: 14.20 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:200 Resp: 113858
Ion Ratio Lower Upper
200 100
173 27.7 6.3 46.3
215 45.2 27.2 67.2



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





#69

Pentachlorophenol

Concen: 53.03 ng

RT: 14.30 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

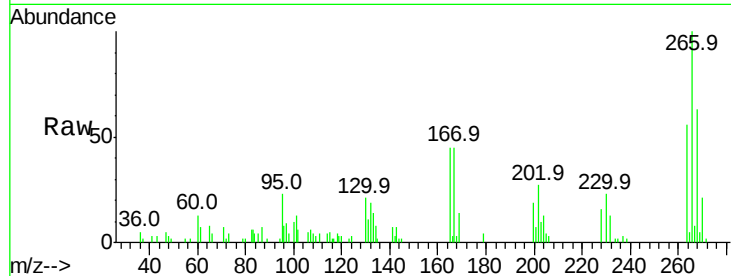
Tot Ion:266 Resp: 44546

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

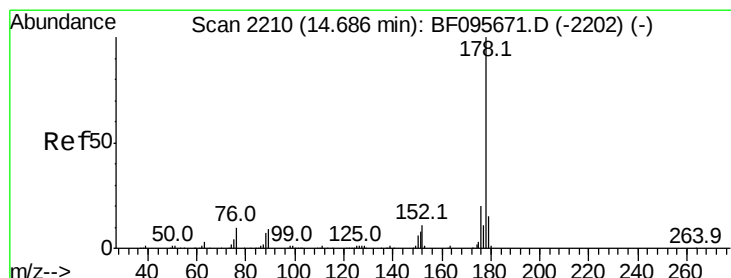
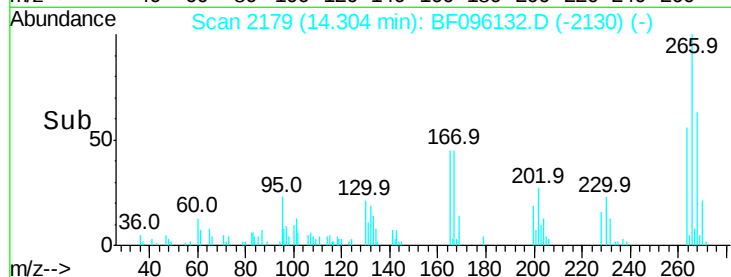
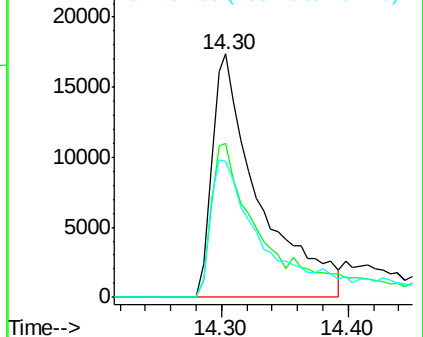
264 56.2 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.39 ng

RT: 14.57 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

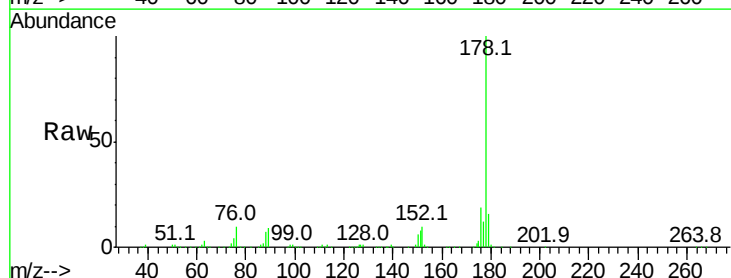
Tgt Ion:178 Resp: 515220

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

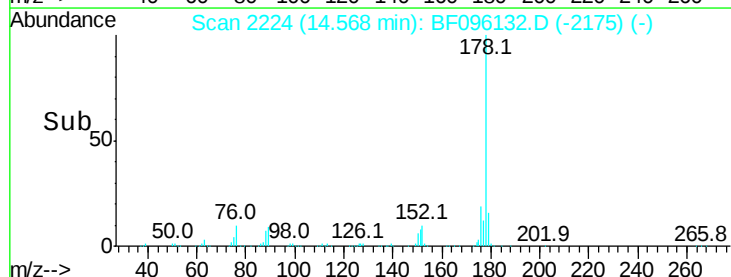
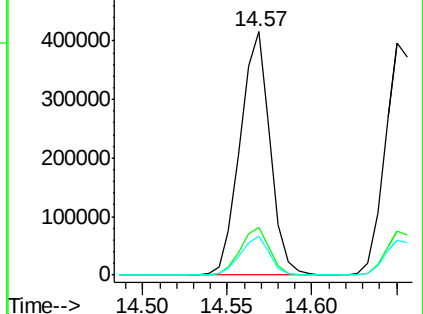
179 15.8 12.6 19.0

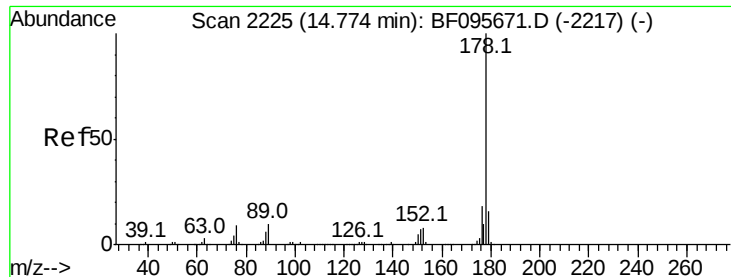


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

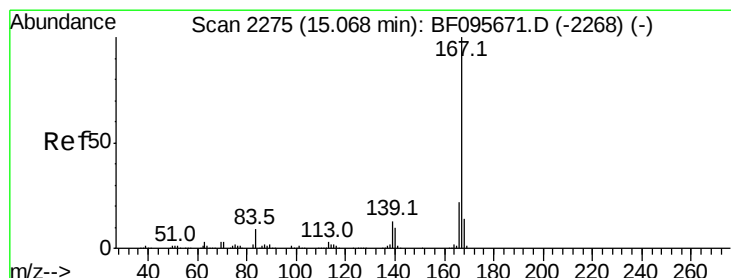
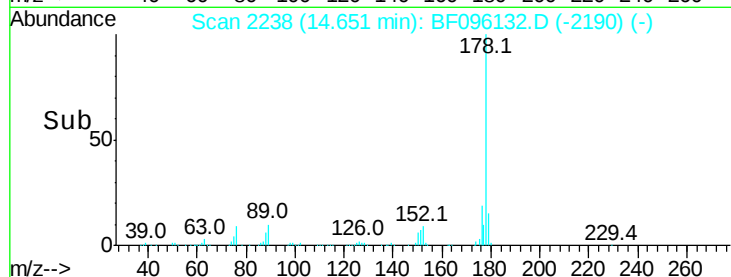
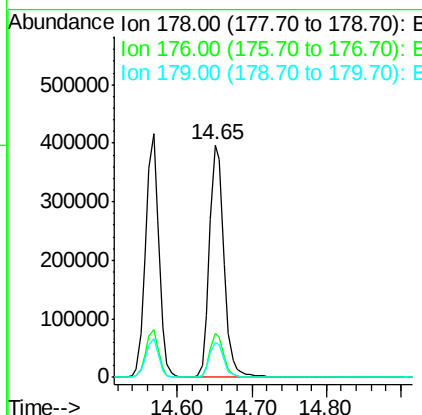
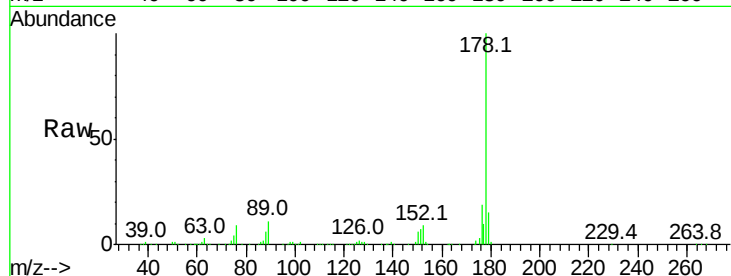




#71
 Anthracene
 Concen: 39.20 ng
 RT: 14.65 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

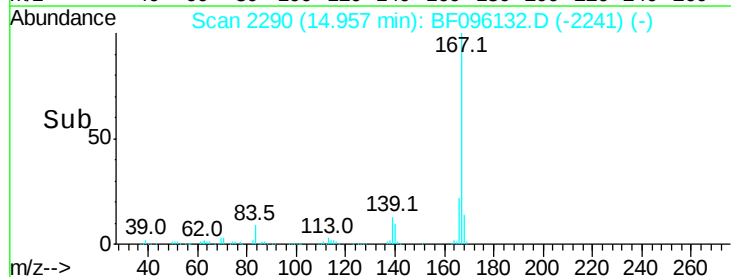
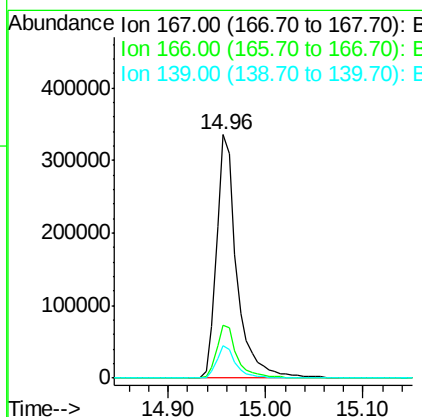
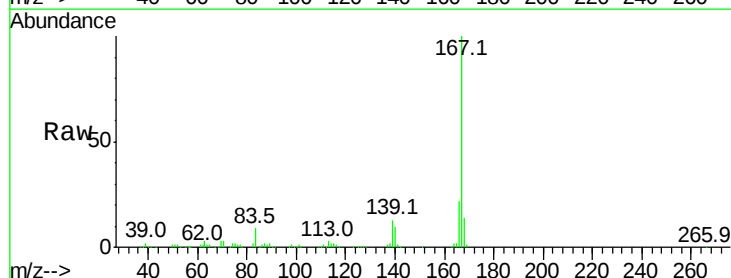
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 535241
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 36.39 ng
 RT: 14.96 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:167 Resp: 484263
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.1 11.7 17.5

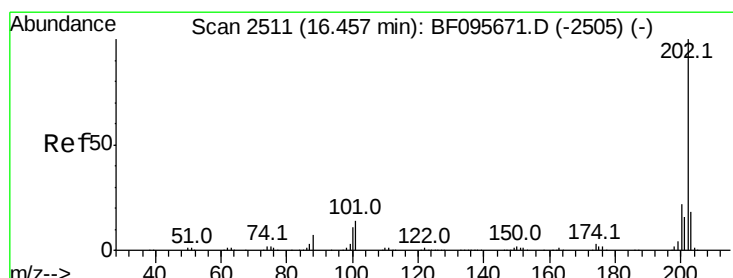
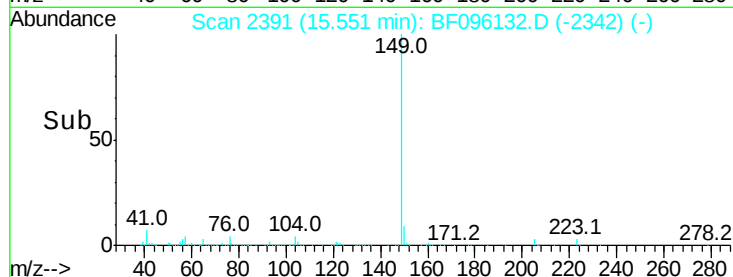
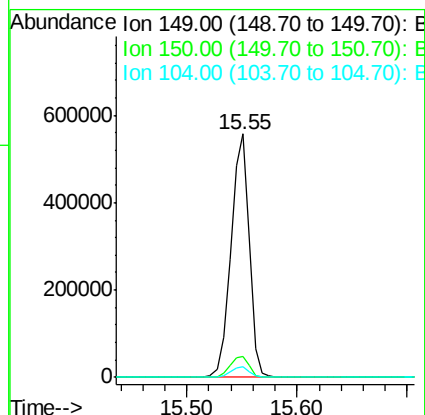
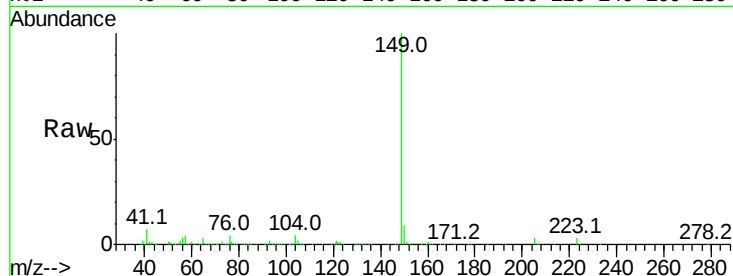




#73
Di-n-butylphthalate
Concen: 45.45 ng
RT: 15.55 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

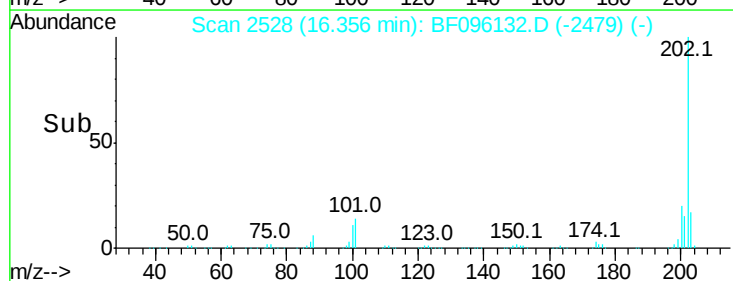
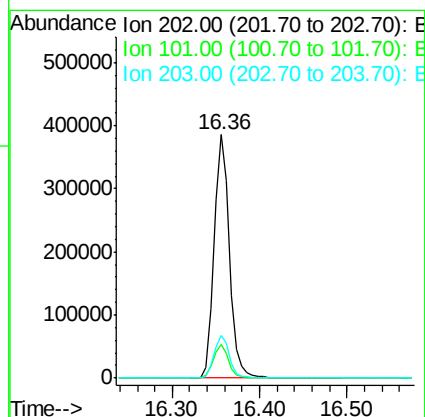
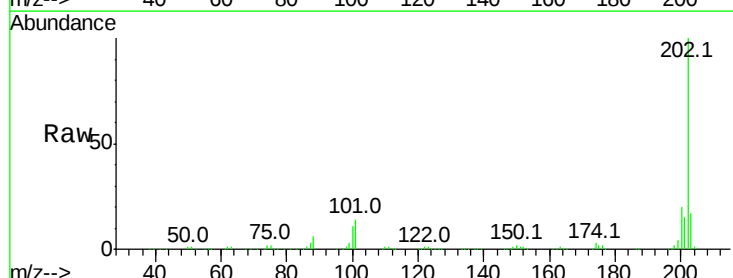
Instrument :
BNA_F
ClientSampleId :

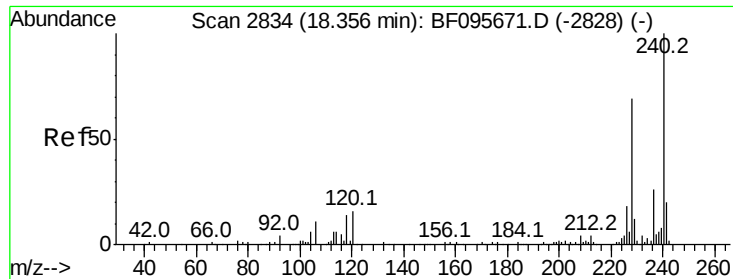
Tot Ion:149 Resp: 643487
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 36.32 ng
RT: 16.36 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:202 Resp: 470116
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

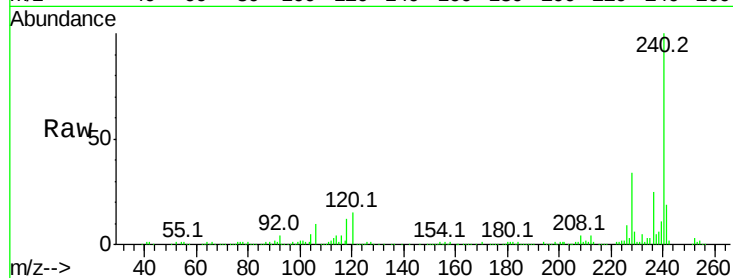
Tot Ion:240 Resp: 172166

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

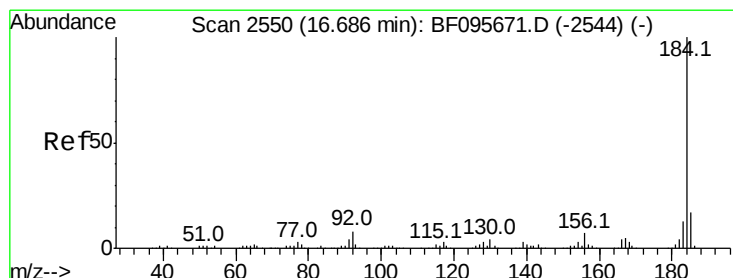
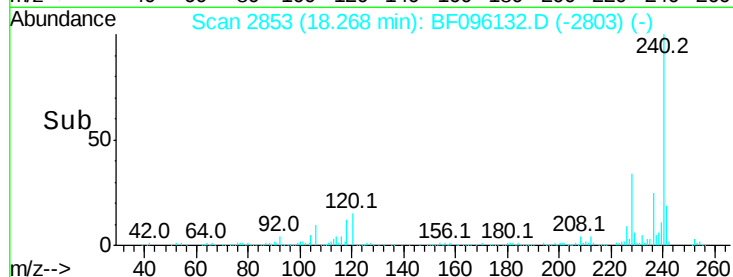
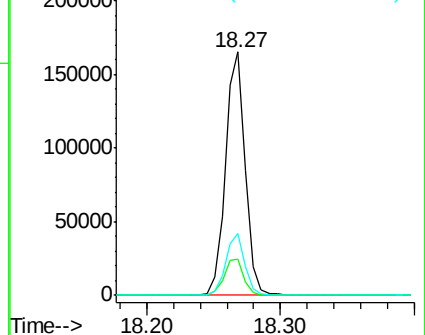
236 25.4 20.5 30.7



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: 44.13 ng

RT: 16.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

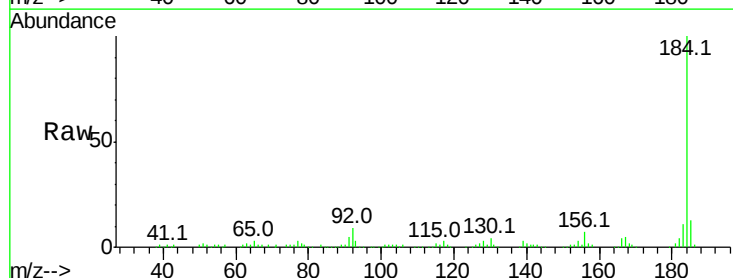
Tgt Ion:184 Resp: 291798

Ion Ratio Lower Upper

184 100

185 12.9 15.5 23.3#

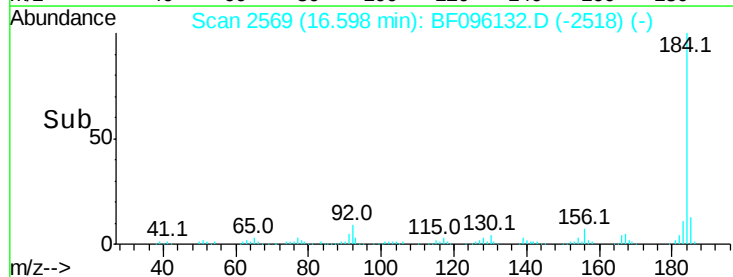
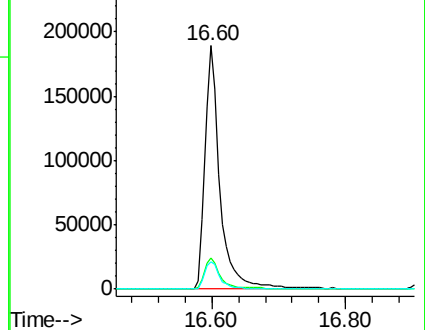
183 11.4 9.8 14.6

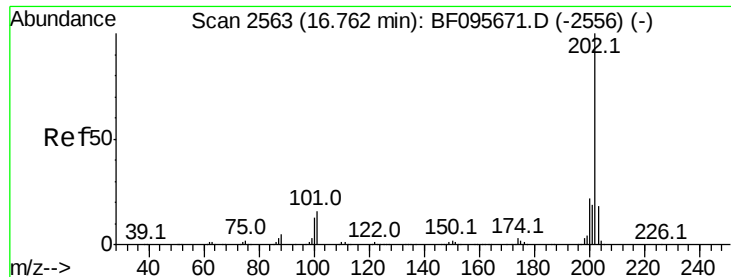


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.21 ng

RT: 16.66 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampled :

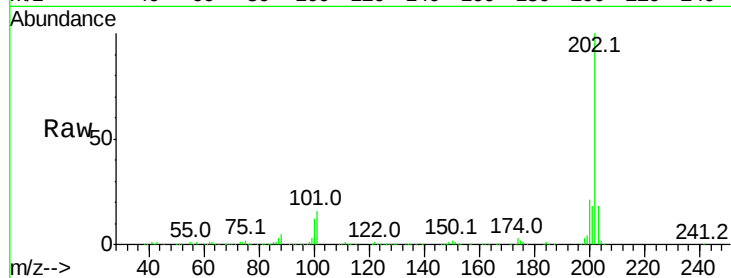
Tot Ion:202 Resp: 465183

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

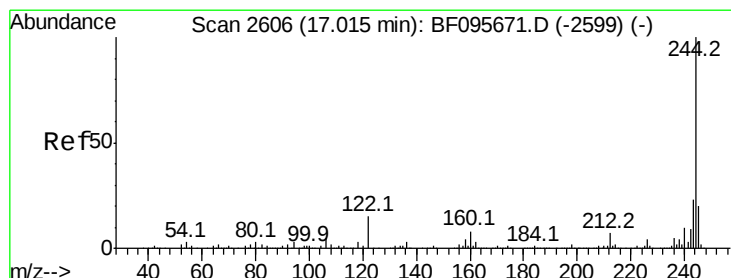
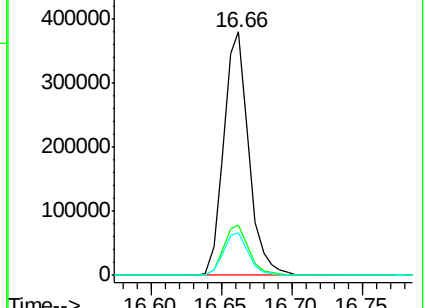
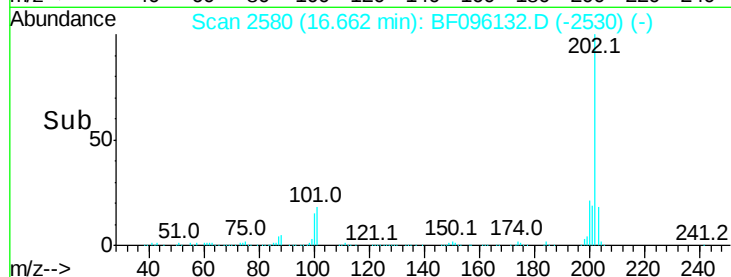
203 17.8 14.4 21.6



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: 74.27 ng

RT: 16.92 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

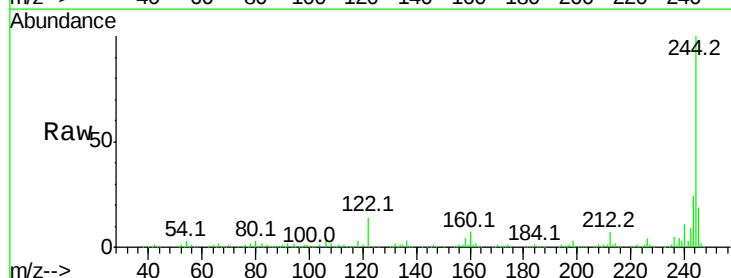
Tgt Ion:244 Resp: 515245

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

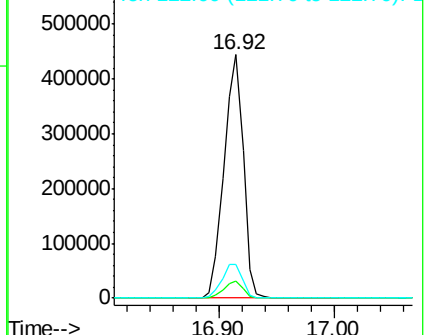
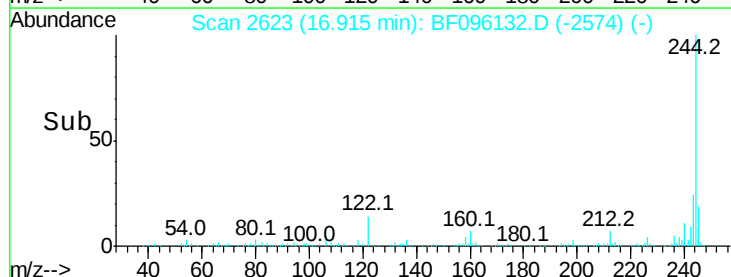
122 13.8 10.3 15.5

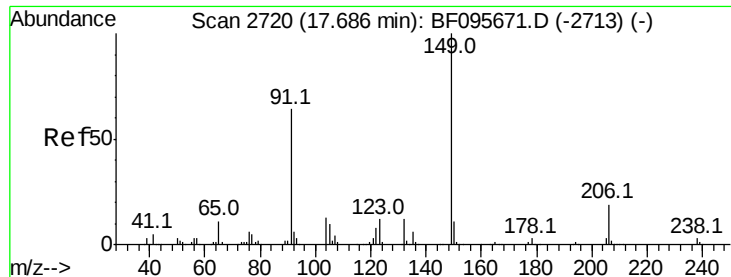


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

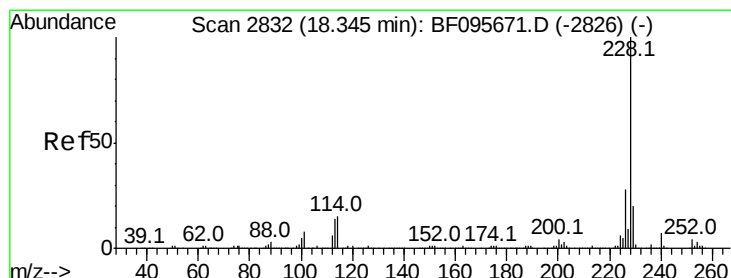
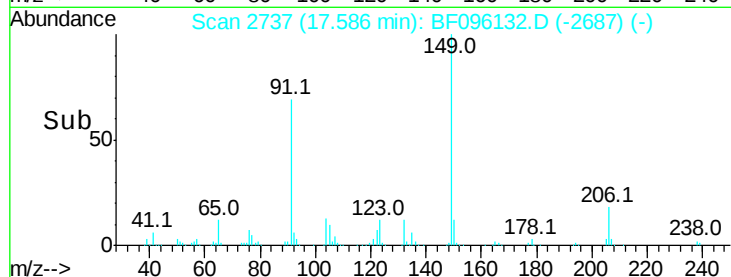
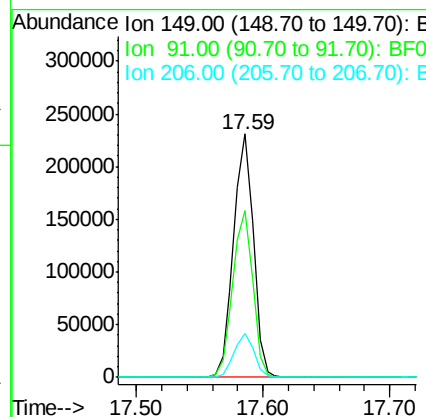
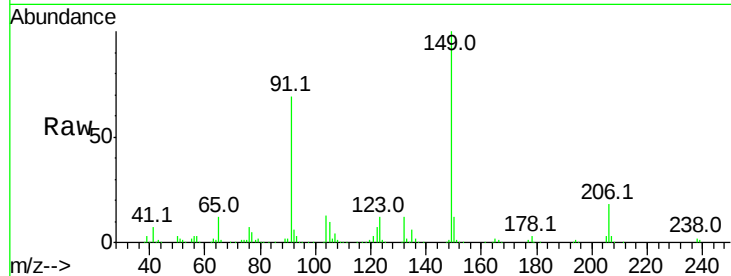




#79
Butylbenzylphthalate
Concen: 44.61 ng
RT: 17.59 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

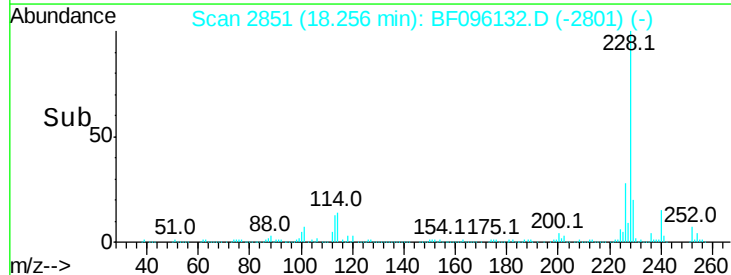
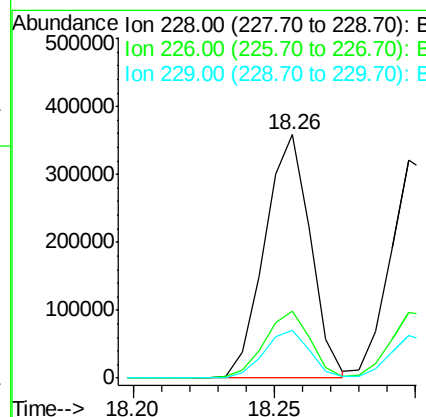
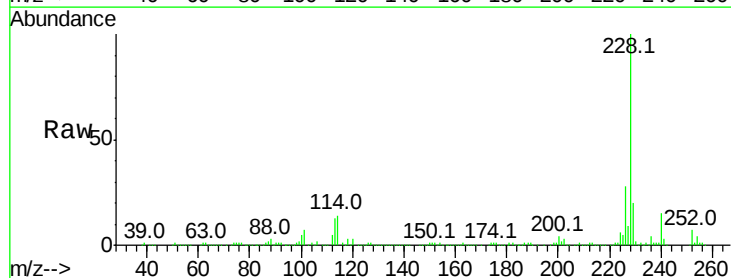
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 250292
Ion Ratio Lower Upper
149 100
91 68.8 45.0 67.4#
206 17.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.24 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:228 Resp: 402799
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.8 16.3 24.5

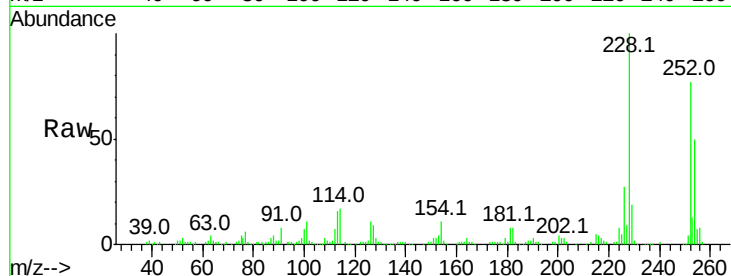




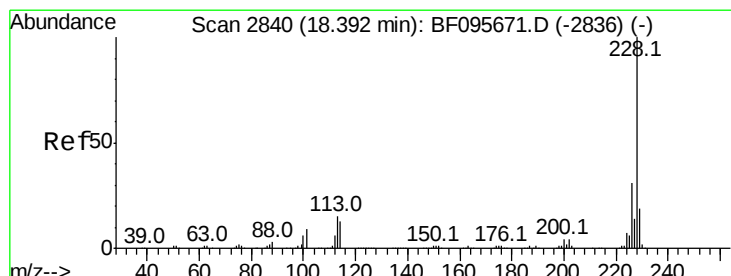
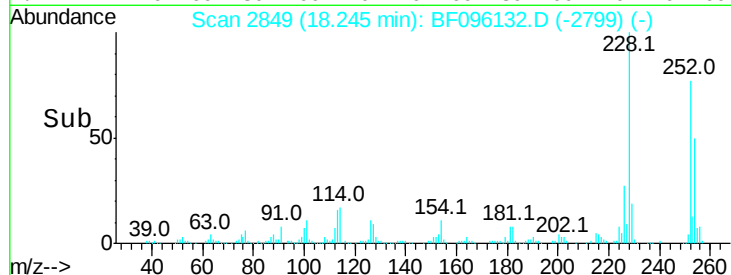
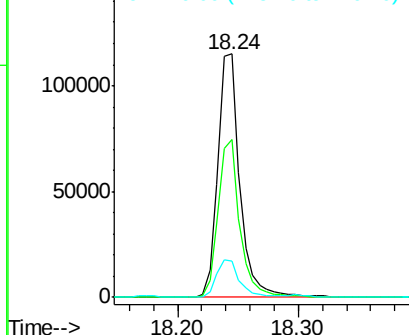
#81
 3,3'-Dichlorobenzidine
 Concen: 40.64 ng
 RT: 18.24 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 144647
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.5 77.3
 126 14.8 15.8 23.8#

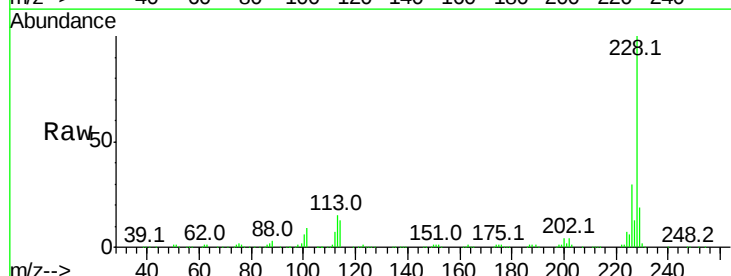


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

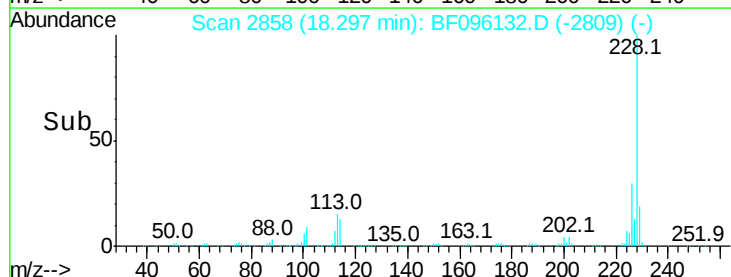
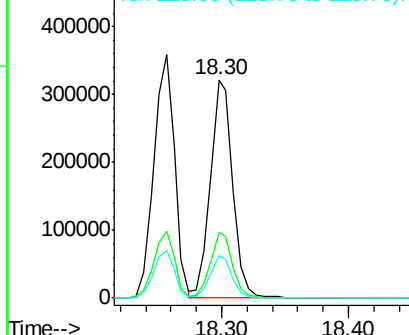


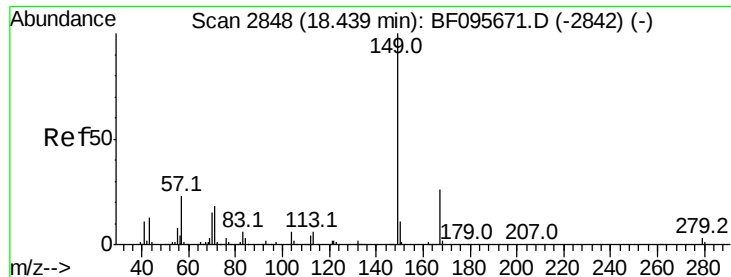
#82
 Chrysene
 Concen: 39.75 ng
 RT: 18.30 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:228 Resp: 397660
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

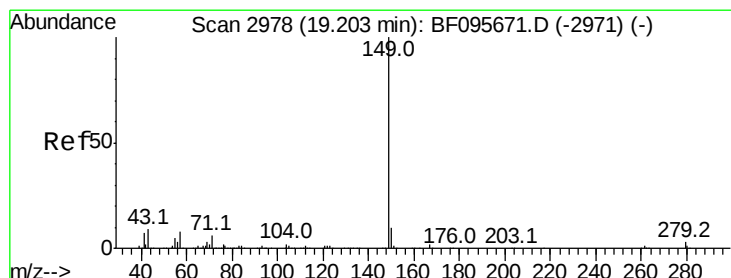
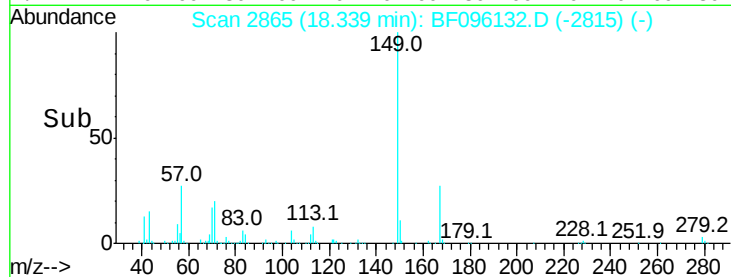
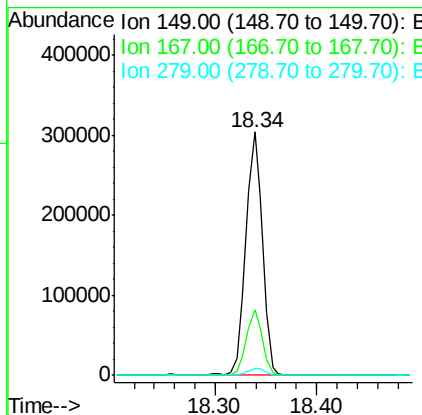
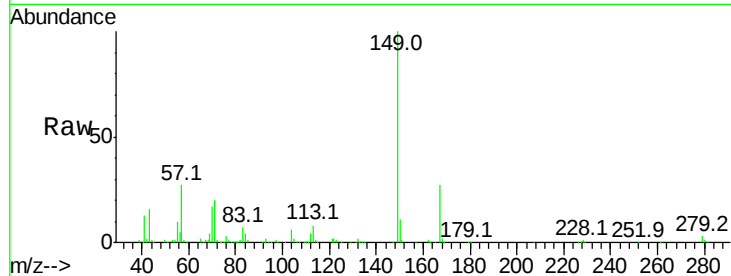




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.80 ng
 RT: 18.34 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

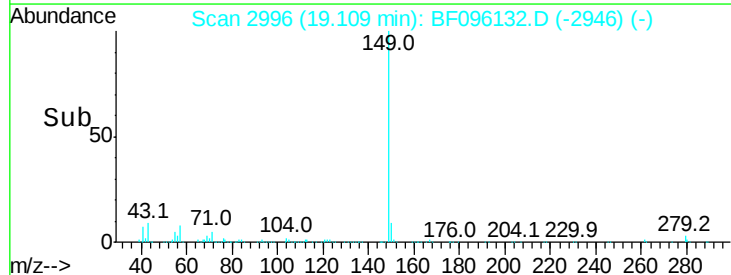
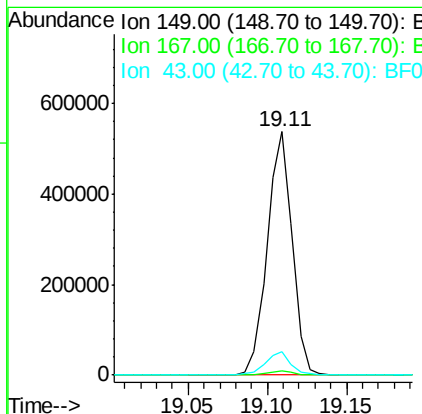
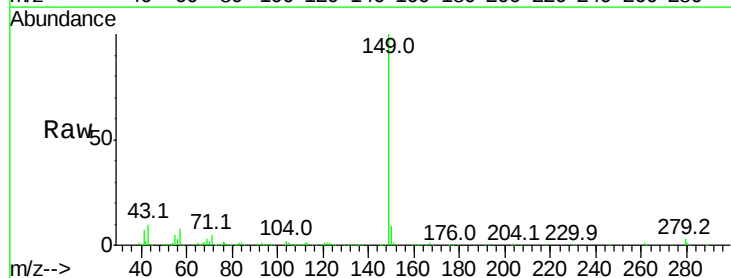
Instrument :
 BNA_F
 ClientSampleId :

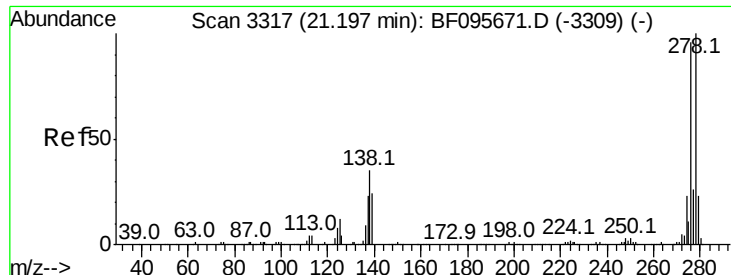
Tot Ion:149 Resp: 346605
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 45.13 ng
 RT: 19.11 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BF096132.D
 Acq: 22 Jun 2017 20:37

Tgt Ion:149 Resp: 588503
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.3 8.5 12.7

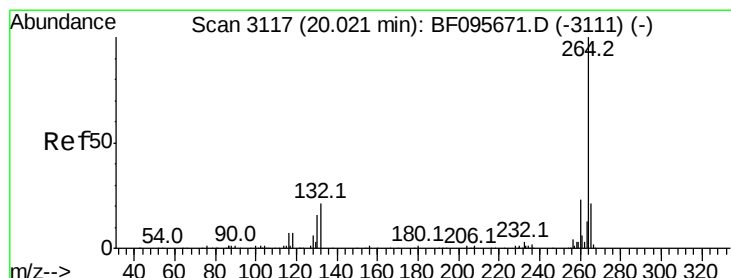
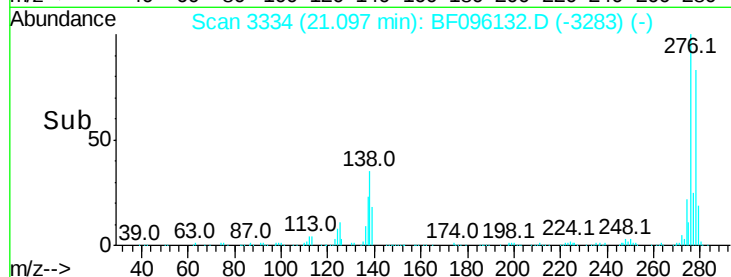
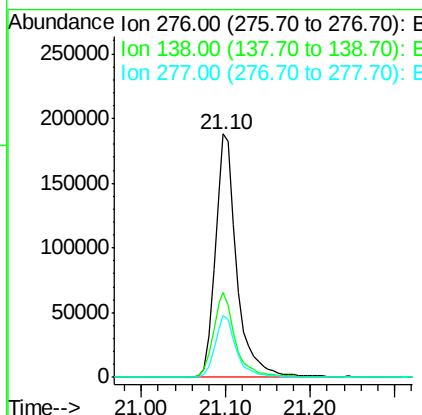
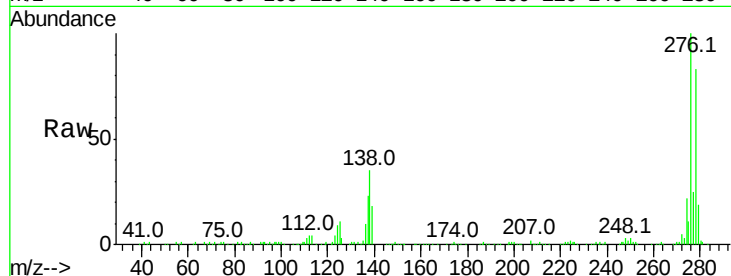




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.13 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

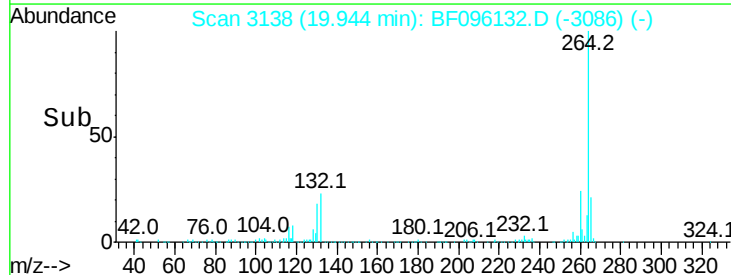
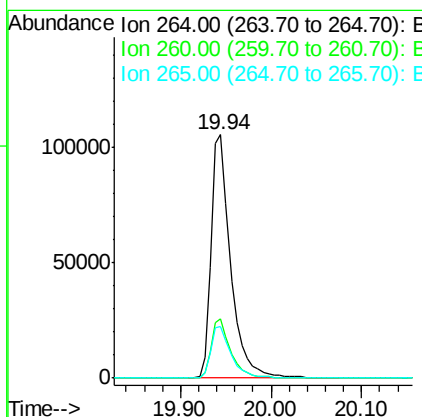
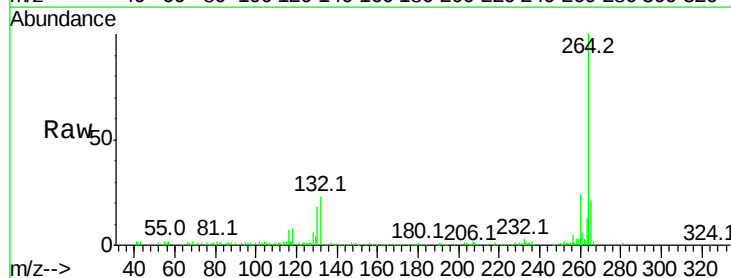
Instrument :
BNA_F
ClientSampleId :

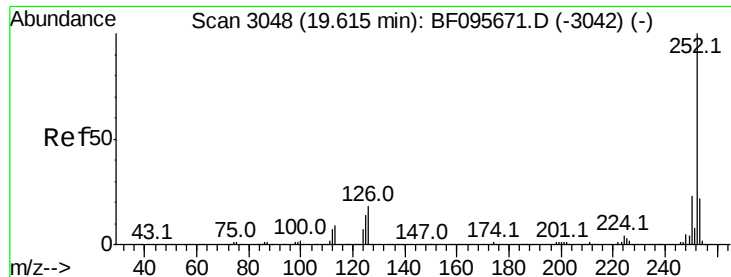
Tot Ion:276 Resp: 334889
Ion Ratio Lower Upper
276 100
138 35.6 27.8 41.6
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096132.D
Acq: 22 Jun 2017 20:37

Tgt Ion:264 Resp: 158767
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 37.88 ng

RT: 19.53 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

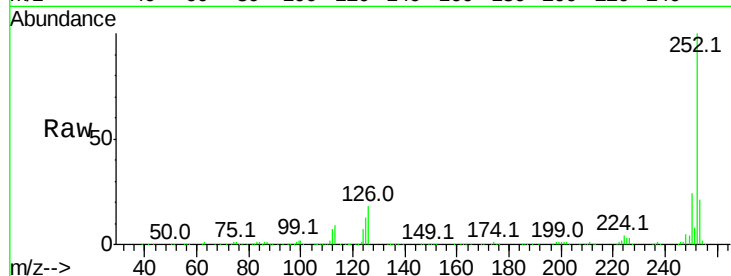
Tot Ion:252 Resp: 376579

Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

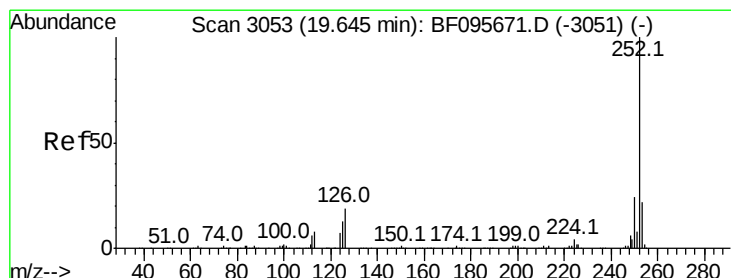
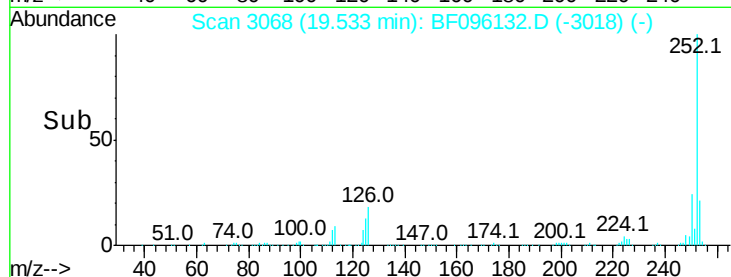
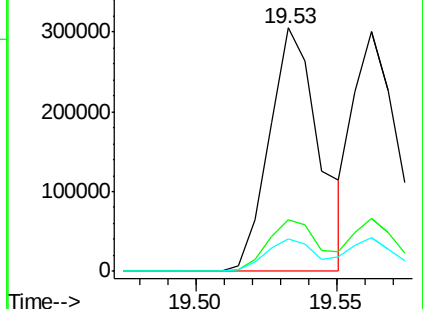
125 13.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.25 ng

RT: 19.56 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

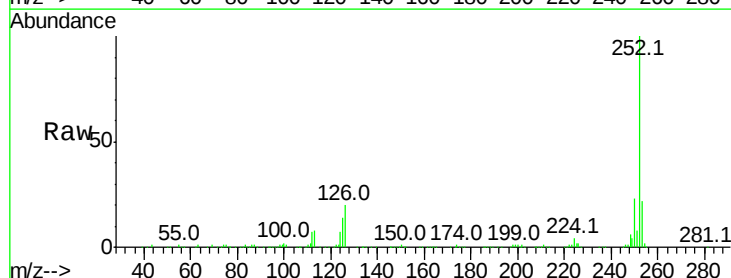
Tgt Ion:252 Resp: 344442

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

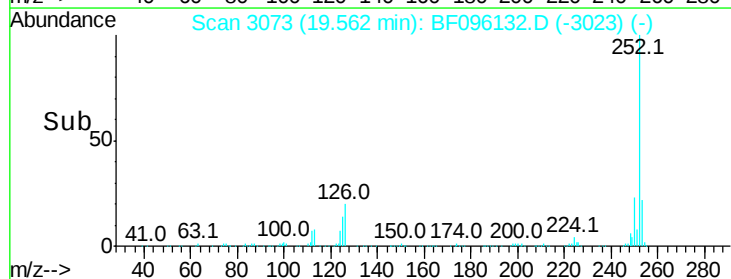
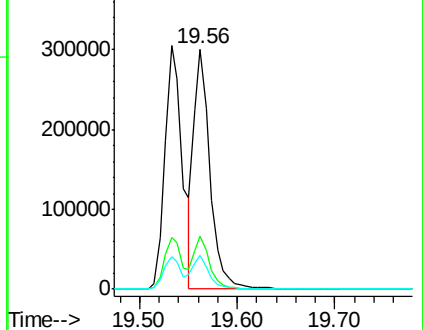
125 14.0 13.1 19.7

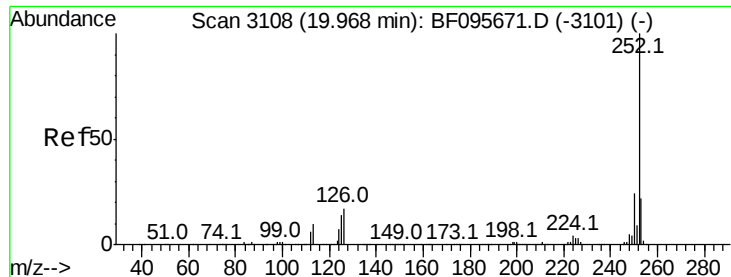


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.84 ng

RT: 19.89 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

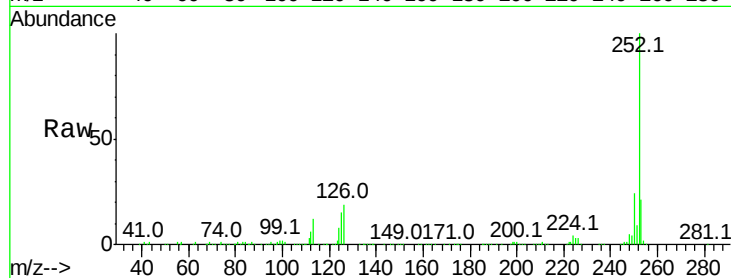
Tot Ion:252 Resp: 364054

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

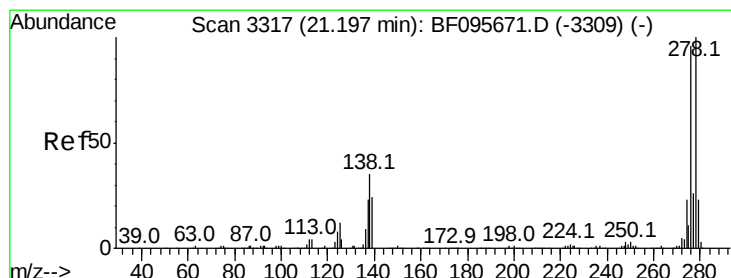
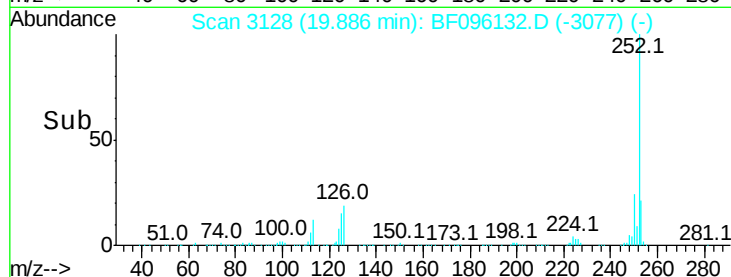
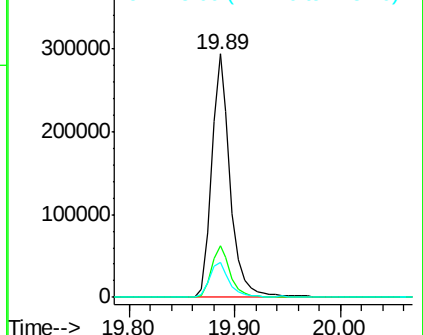
125 14.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.07 ng

RT: 21.10 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

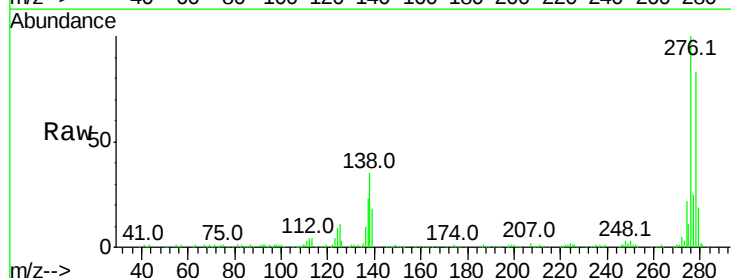
Tgt Ion:278 Resp: 287293

Ion Ratio Lower Upper

278 100

139 22.3 16.6 24.8

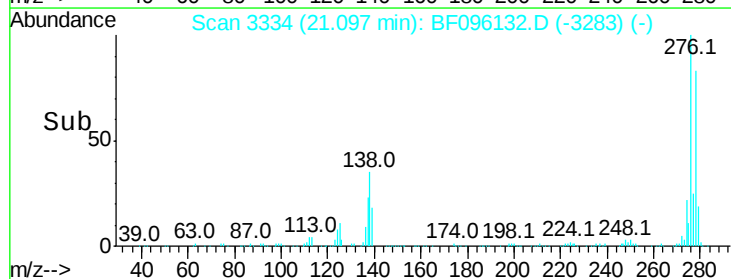
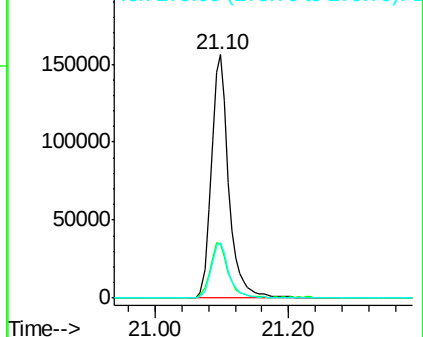
279 22.9 19.3 28.9

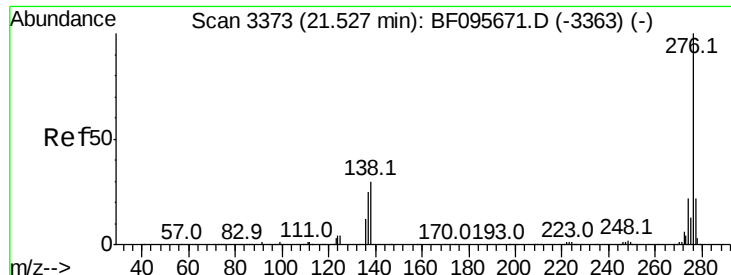


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.00 ng

RT: 21.43 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BF096132.D

Acq: 22 Jun 2017 20:37

Instrument :

BNA_F

ClientSampleId :

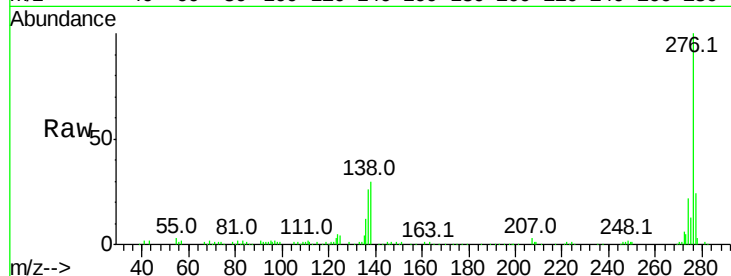
Tot Ion: 276 Resp: 244943

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 30.3 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

