

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095904.D
 Acq On : 13 Jun 2017 20:45
 Operator : SJ/MA
 Sample : I3643-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 04:12:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	70423	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	293163	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	132468	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	225325	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	133120	20.00	ng	-0.04
86) Perylene-d12	19.99	264	125003	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	579031	131.02	ng	-0.03
7) Phenol-d6	6.93	99	671902	126.99	ng	-0.03
23) Nitrobenzene-d5	8.27	82	402539	85.28	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	140976	120.28	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	775258	81.44	ng	-0.05
78) Terphenyl-d14	16.97	244	547202	102.01	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.72	88	67626	32.17	ng	95
3) Pyridine	2.28	79	167089	33.81	ng	100
4) n-Nitrosodimethylamine	2.24	42	73373	39.06	ng	80
6) Aniline	6.86	93	196848	28.44	ng	92
8) 2-Chlorophenol	7.04	128	213430	45.42	ng	94
9) Benzaldehyde	6.67	77	66656	18.68	ng	99
10) Phenol	6.94	94	274406	50.00	ng	89
11) bis(2-Chloroethyl)ether	7.00	93	189861	43.67	ng	96
12) 1,3-Dichlorobenzene	7.25	146	220350	41.43	ng	98
13) 1,4-Dichlorobenzene	7.37	146	226914	42.07	ng	96
14) 1,2-Dichlorobenzene	7.61	146	212226	42.68	ng	95
15) Benzyl Alcohol	7.66	79	165065	45.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.85	45	264403	43.28	ng	97
17) 2-Methylphenol	7.89	107	175355	44.47	ng	99
18) Hexachloroethane	8.13	117	76696	43.05	ng	88
19) n-Nitroso-di-n-propylamine	8.09	70	149127	44.48	ng	94
20) 3+4-Methylphenols	8.16	107	226601	45.27	ng	# 56
22) Acetophenone	8.05	105	296303	43.18	ng	# 83
24) Nitrobenzene	8.30	77	210930	41.83	ng	91
25) Isophorone	8.70	82	375839	42.64	ng	97
26) 2-Nitrophenol	8.82	139	119536	45.27	ng	96
27) 2,4-Dimethylphenol	8.96	122	187628	45.79	ng	98
28) bis(2-Chloroethoxy)methane	9.09	93	249760	42.99	ng	100
29) 2,4-Dichlorophenol	9.25	162	177091	44.87	ng	98
30) 1,2,4-Trichlorobenzene	9.32	180	174703	42.54	ng	100
31) Naphthalene	9.42	128	604815	41.11	ng	100
32) Benzoic acid	9.33	122	1906	5.78	ng	# 55
33) 4-Chloroaniline	9.58	127	108359	18.84	ng	# 93
34) Hexachlorobutadiene	9.63	225	88533	41.72	ng	99
35) Caprolactam	10.29	113	19147	16.30	ng	99
36) 4-Chloro-3-methylphenol	10.45	107	179657	43.49	ng	91
37) 2-Methylnaphthalene	10.55	142	417056	41.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	165273	41.69	ng	98
40) Hexachlorocyclopentadiene	10.79	237	72528	61.40	ng	98

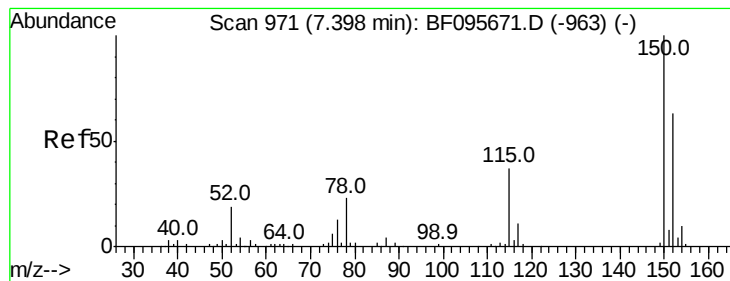
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095904.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	109580	42.99	nq	97
43) 2,4,5-Trichlorophenol	11.15	196	102520	37.81	nq	95
45) 1,1'-Biphenyl	11.31	154	465940	42.68	nq	98
46) 2-Chloronaphthalene	11.33	162	356895	41.84	nq	96
47) 2-Nitroaniline	11.55	65	105081	42.09	nq	# 84
48) Acenaphthylene	11.97	152	557701	38.23	nq	99
49) Dimethylphthalate	11.87	163	512182	50.92	nq	99
50) 2,6-Dinitrotoluene	11.97	165	88941	40.54	nq	# 78
51) Acenaphthene	12.26	154	331031	39.29	nq	98
52) 3-Nitroaniline	12.23	138	73489	28.75	nq	92
53) 2,4-Dinitrophenol	12.47	184	33457	31.23	nq	# 62
54) Dibenzofuran	12.54	168	511369	43.13	nq	99
55) 4-Nitrophenol	12.65	139	98202	66.62	nq	# 73
56) 2,4-Dinitrotoluene	12.64	165	127389	42.99	nq	# 91
57) Fluorene	13.10	166	403998	39.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	83611	45.07	nq	# 91
59) Diethylphthalate	13.02	149	411860	42.55	nq	99
60) 4-Chlorophenyl-phenylether	13.13	204	181846	40.53	nq	90
61) 4-Nitroaniline	13.24	138	88233	36.97	nq	96
62) Azobenzene	13.39	77	374898	42.74	nq	93
64) 4,6-Dinitro-2-methylphenol	13.31	198	51576	34.82	nq	# 75
65) n-Nitrosodiphenylamine	13.34	169	346853	42.84	nq	98
66) 4-Bromophenyl-phenylether	13.91	248	101268	43.24	nq	96
67) Hexachlorobenzene	13.99	284	98456	42.67	nq	# 88
68) Atrazine	14.27	200	102895	45.66	nq	95
69) Pentachlorophenol	14.36	266	52613	61.77	nq	99
70) Phenanthrene	14.64	178	580144	44.62	nq	97
71) Anthracene	14.73	178	571244	42.09	nq	97
72) Carbazole	15.02	167	514035	38.86	nq	97
73) Di-n-butylphthalate	15.62	149	637754	45.32	nq	98
74) Fluoranthene	16.42	202	569097	44.23	nq	98
76) Benzidine	16.65	184	172815	33.80	nq	# 93
77) Pyrene	16.72	202	556209	56.00	nq	98
79) Butylbenzylphthalate	17.64	149	220454	50.82	nq	# 86
80) Benzo(a)anthracene	18.30	228	351362	45.40	nq	99
81) 3,3'-Dichlorobenzidine	18.29	252	87457	31.78	nq	# 97
82) Chrysene	18.35	228	342961	44.34	nq	97
83) Bis(2-ethylhexyl)phthalate	18.39	149	322678	52.73	nq	100
84) Di-n-octyl phthalate	19.16	149	453890	45.01	nq	95
85) Indeno(1,2,3-cd)pyrene	21.16	276	349386	52.79	nq	99
87) Benzo(b)fluoranthene	19.58	252	347629	44.41	nq	98
88) Benzo(k)fluoranthene	19.58	252	347629	46.46	nq	97
89) Benzo(a)pyrene	19.93	252	317636	44.15	nq	99
90) Dibenzo(a,h)anthracene	21.16	278	288962	47.35	nq	96
91) Benzo(g,h,i)perylene	21.48	276	306124	49.20	nq	99

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

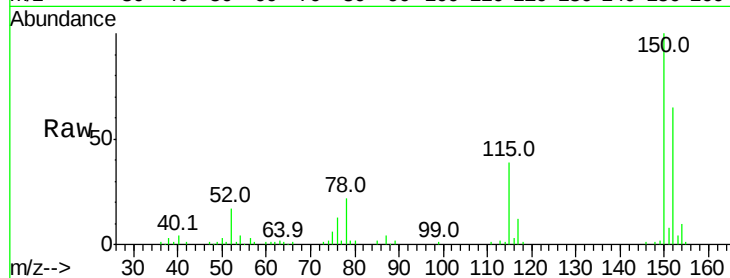


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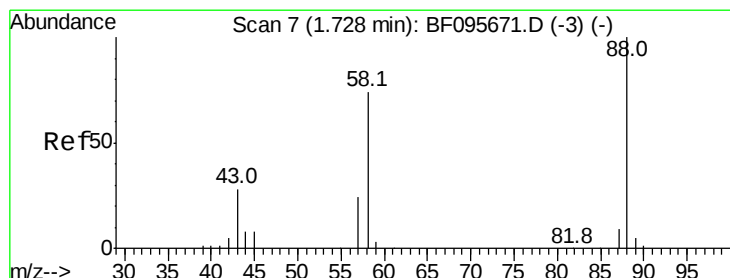
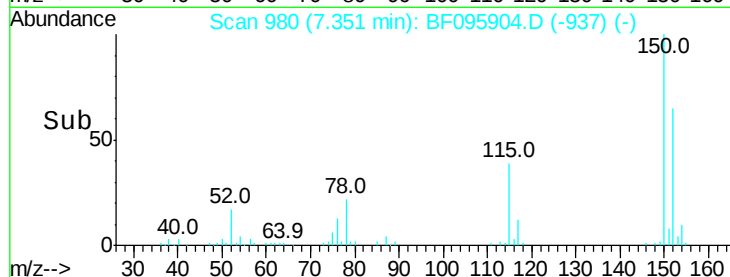
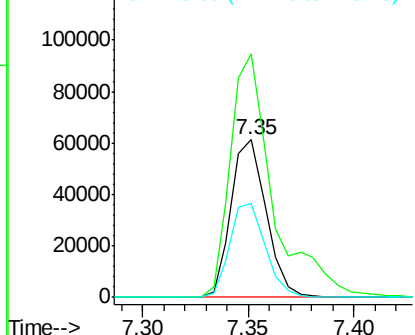
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70423
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 59.7 52.2 78.2



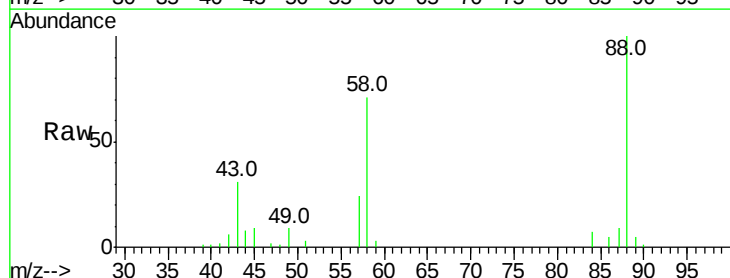
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



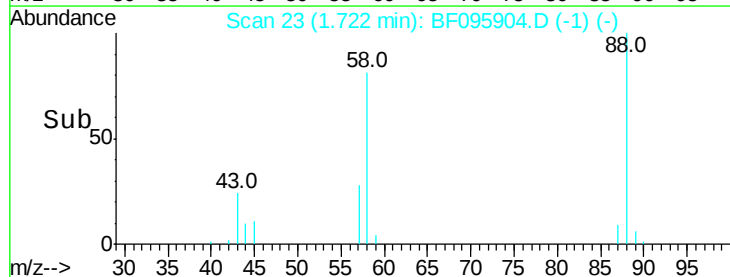
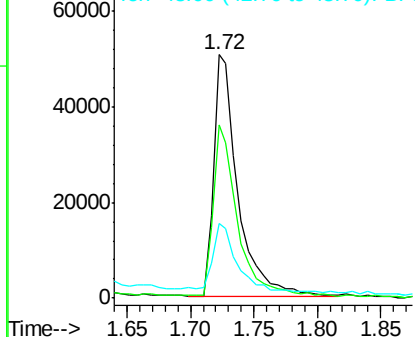
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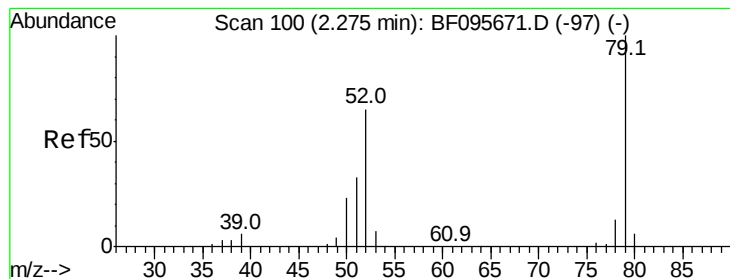
1,4-Dioxane
Concen: 32.17 ng
RT: 1.72 min Scan# 23
Delta R.T. -0.01 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion: 88 Resp: 67626
Ion Ratio Lower Upper
88 100
58 70.9 61.4 92.0
43 30.4 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: 33.81 ng

RT: 2.28 min Scan# 117

Delta R.T. 0.00 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampled :

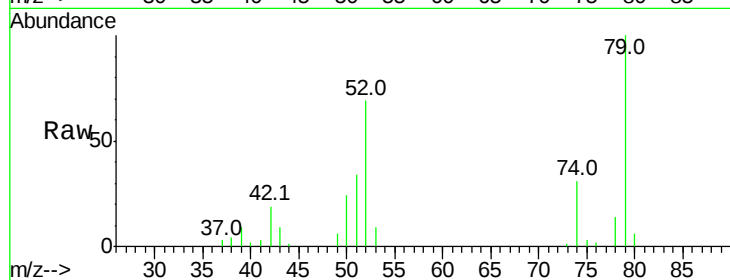
Tot Ion: 79 Resp: 167089

Ion Ratio Lower Upper

79 100

52 68.8 54.8 82.2

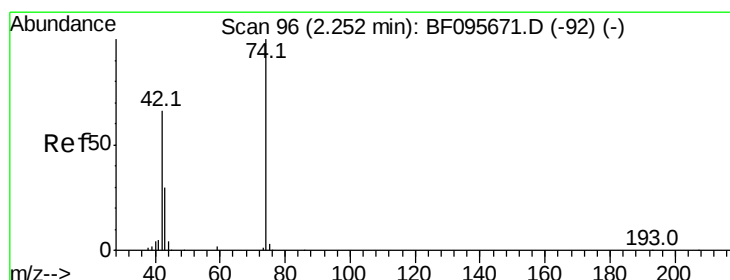
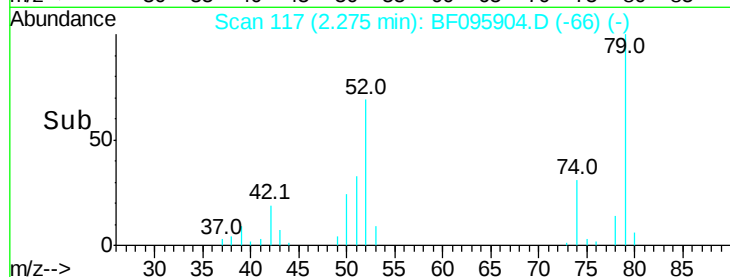
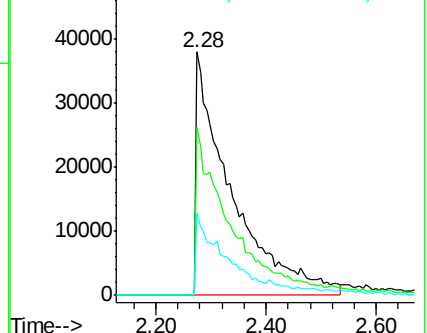
51 34.0 27.0 40.4



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: 39.06 ng

RT: 2.24 min Scan# 111

Delta R.T. -0.01 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

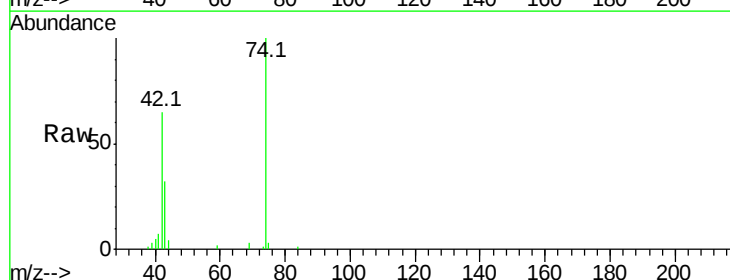
Tgt Ion: 42 Resp: 73373

Ion Ratio Lower Upper

42 100

74 154.0 103.9 155.9

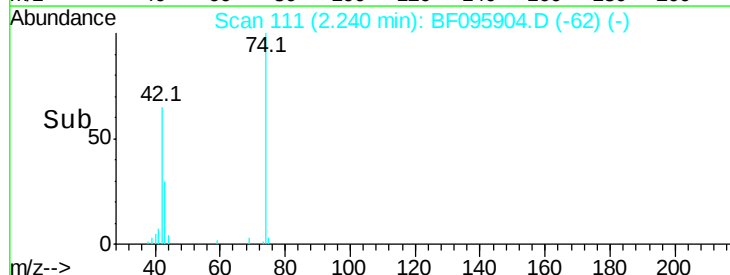
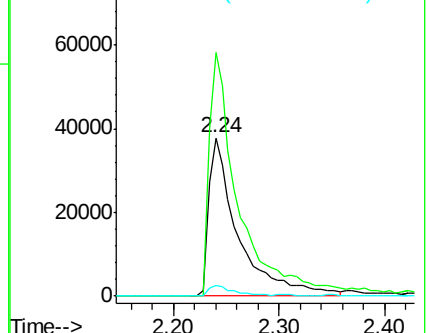
44 6.7 5.7 8.5

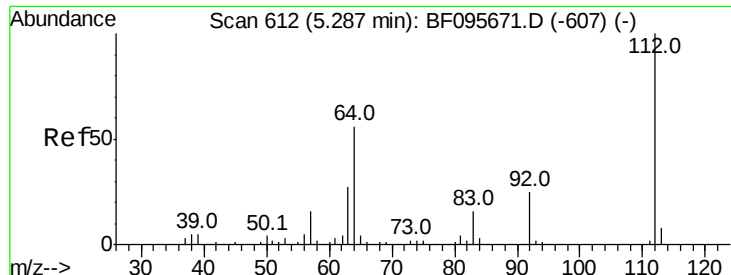


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.02 ng

RT: 5.25 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

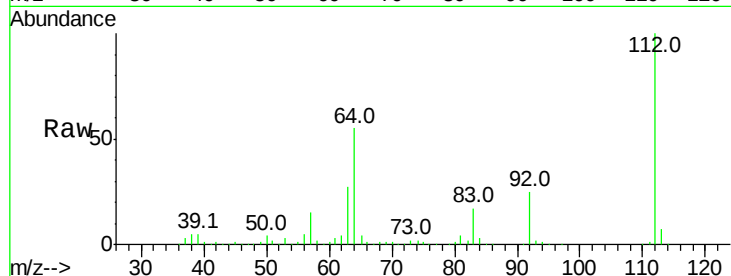
Tot Ion:112 Resp: 579031

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

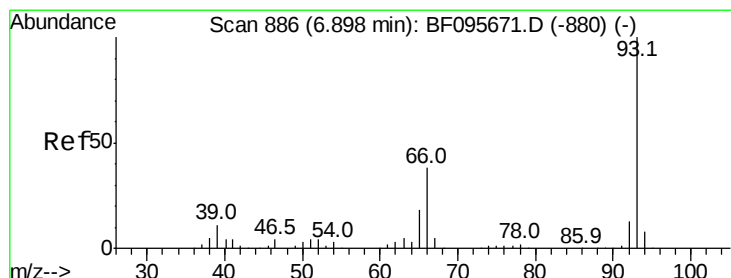
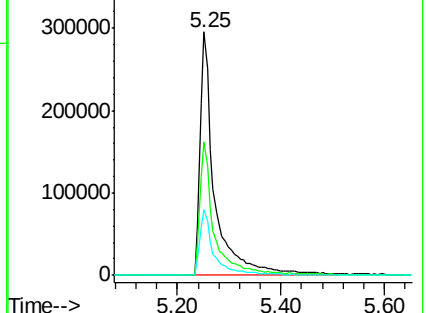
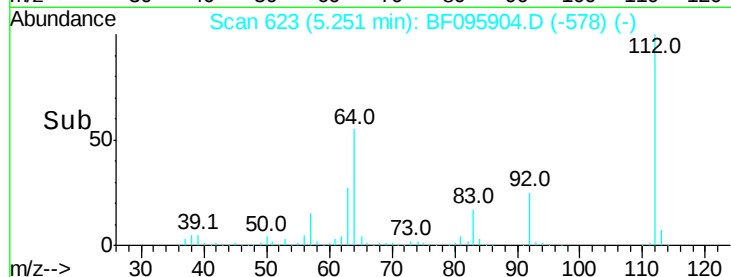
63 26.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.44 ng

RT: 6.86 min Scan# 896

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

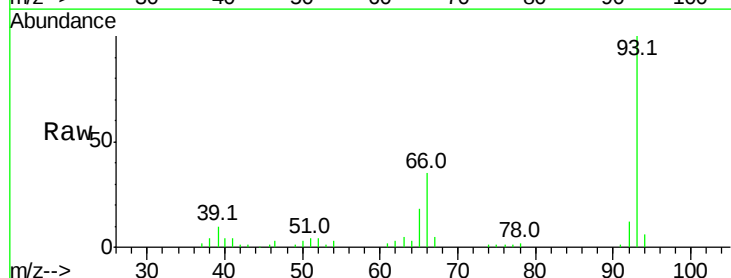
Tgt Ion: 93 Resp: 196848

Ion Ratio Lower Upper

93 100

66 34.7 32.9 49.3

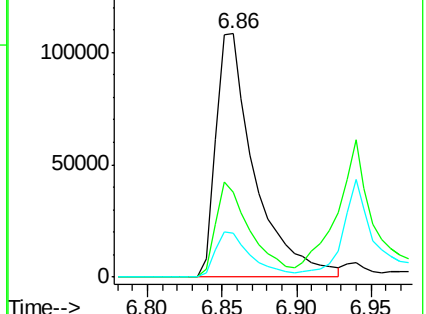
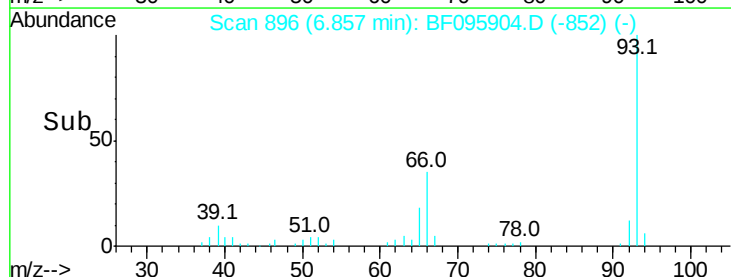
65 18.3 16.0 24.0

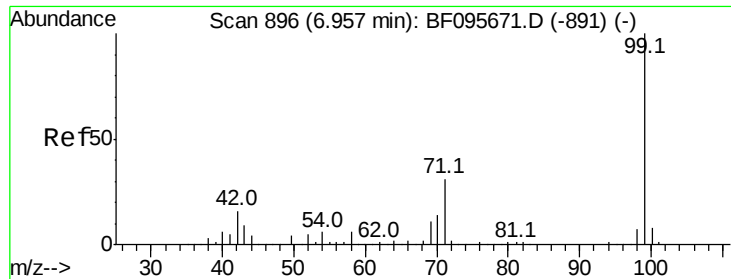


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.99 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

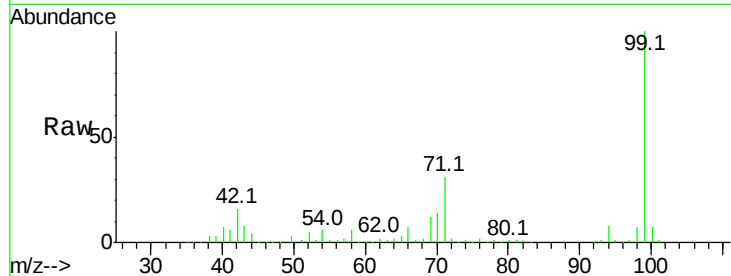
Tot Ion: 99 Resp: 671902

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

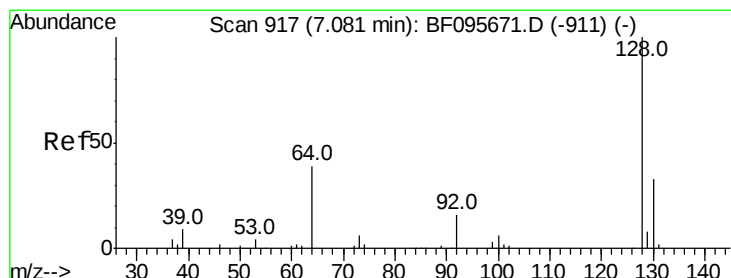
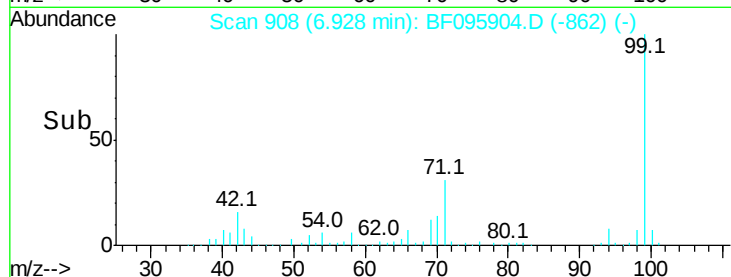
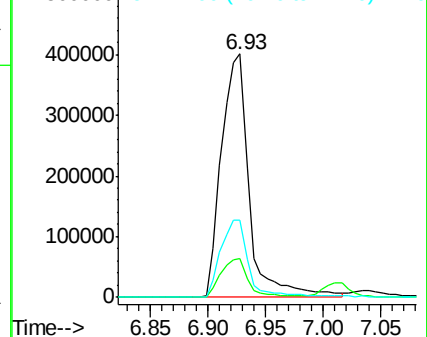
71 31.5 24.5 36.7



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: 45.42 ng

RT: 7.04 min Scan# 927

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

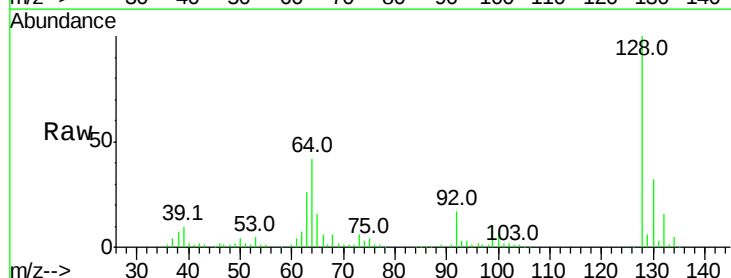
Tgt Ion: 128 Resp: 213430

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

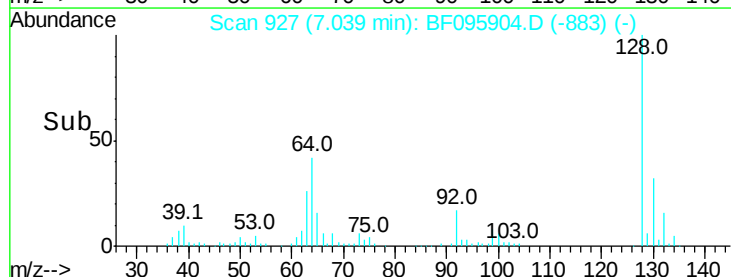
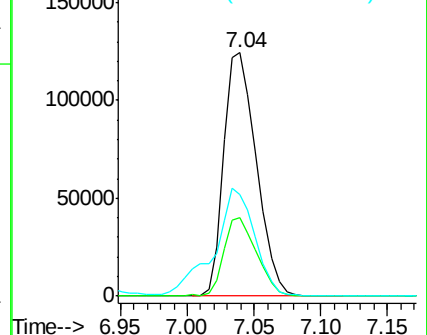
64 41.8 28.4 68.4

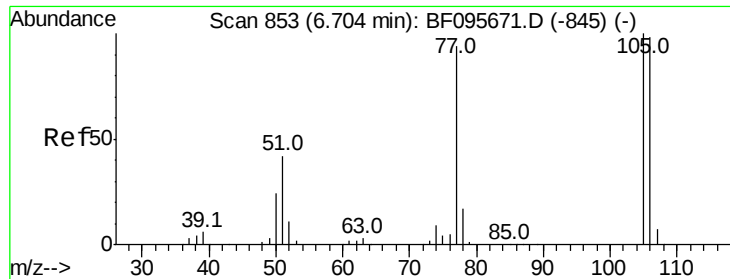


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

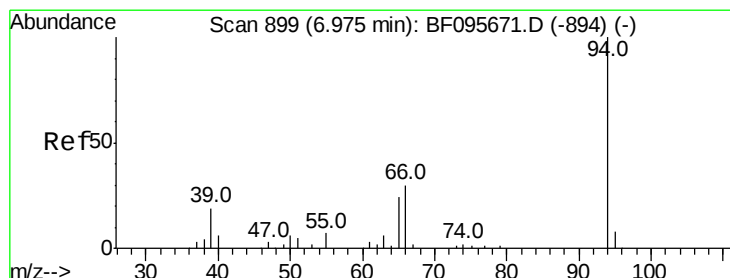
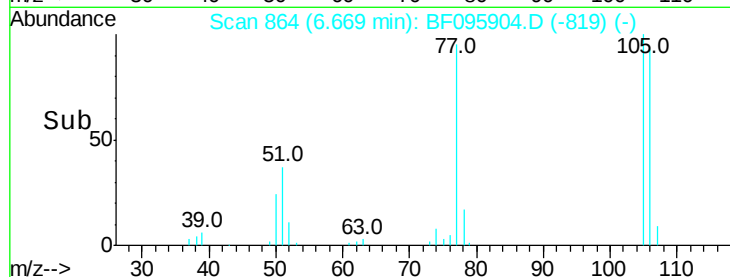
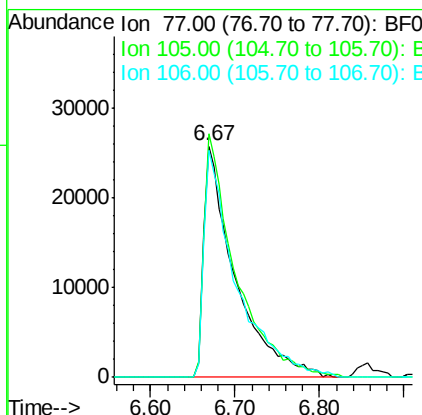
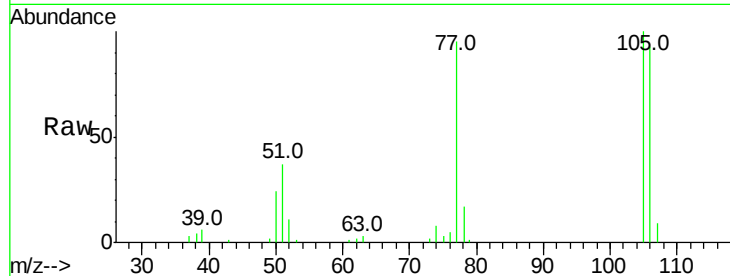




#9
Benzaldehyde
Concen: 18.68 ng
RT: 6.67 min Scan# 864
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

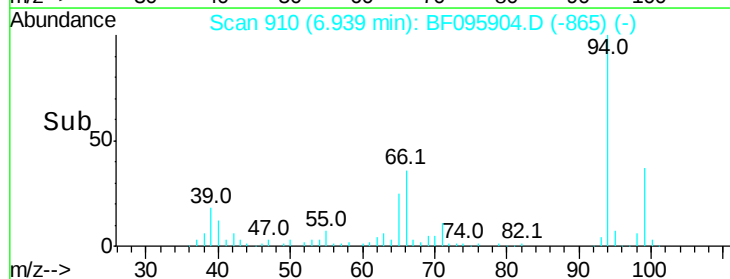
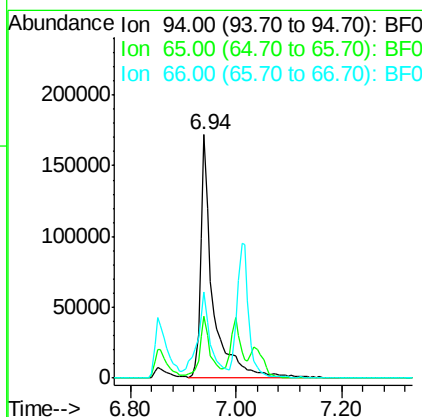
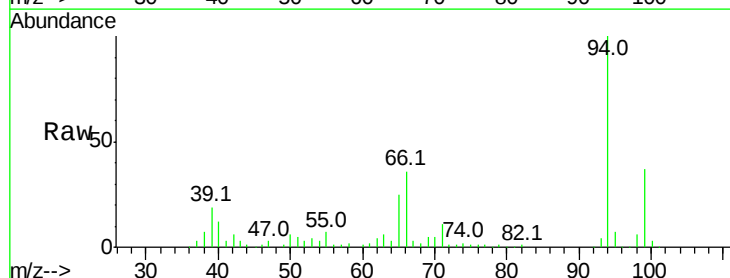
Instrument :
BNA_F
ClientSampled :

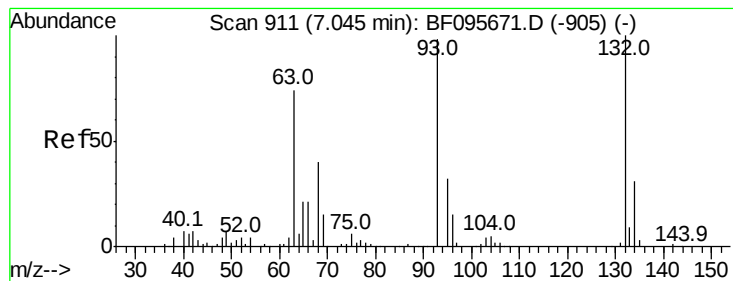
Tot Ion: 77 Resp: 66656
Ion Ratio Lower Upper
77 100
105 105.3 83.8 123.8
106 98.2 79.1 119.1



#10
Phenol
Concen: 50.00 ng
RT: 6.94 min Scan# 910
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion: 94 Resp: 274406
Ion Ratio Lower Upper
94 100
65 25.2 9.9 49.9
66 35.6 23.1 63.1

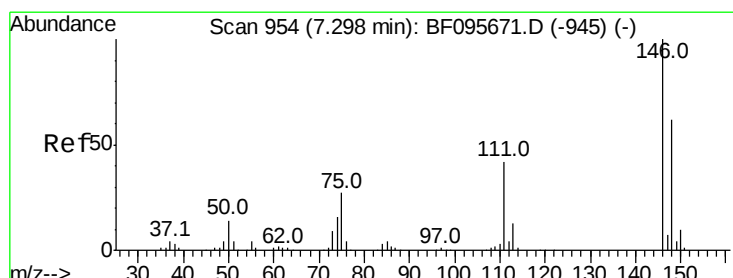
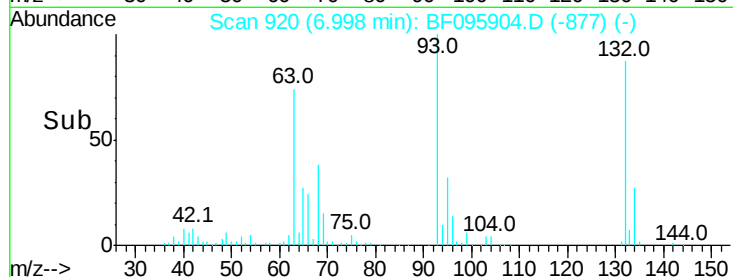
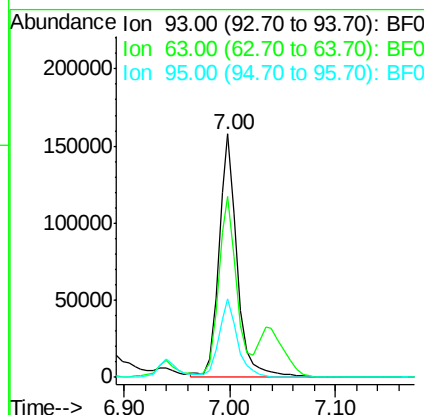
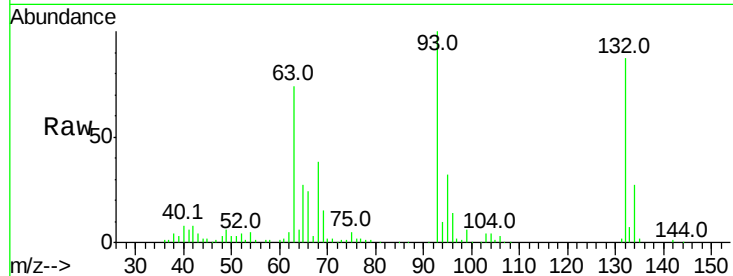




#11
 bis(2-Chloroethyl)ether
 Concen: 43.67 ng
 RT: 7.00 min Scan# 920
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

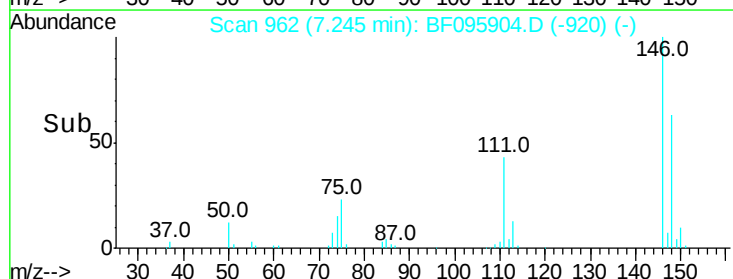
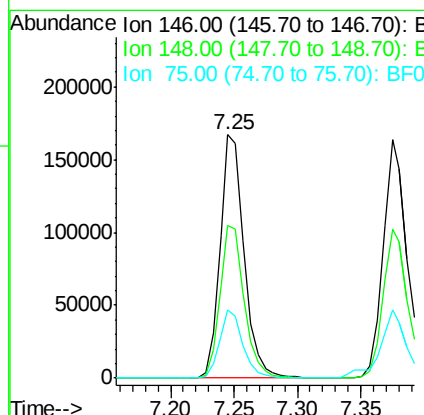
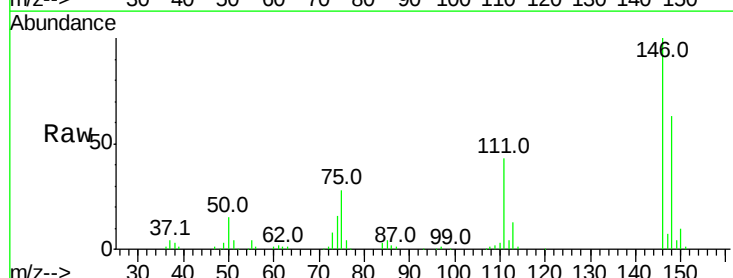
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 189861
 Ion Ratio Lower Upper
 93 100
 63 74.5 59.2 99.2
 95 32.4 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 41.43 ng
 RT: 7.25 min Scan# 962
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion: 146 Resp: 220350
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.8 77.6
 75 28.0 23.1 34.7

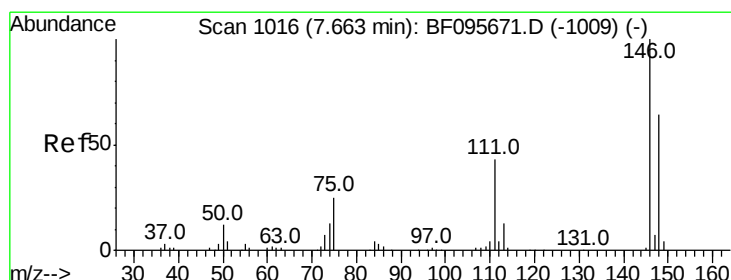
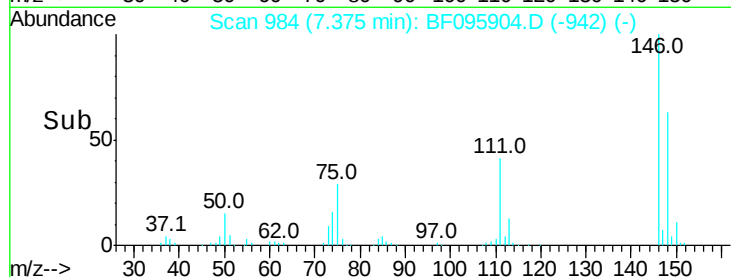
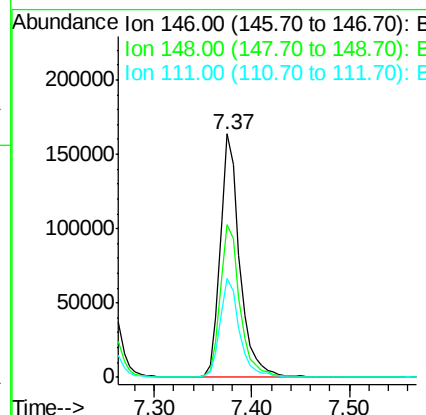
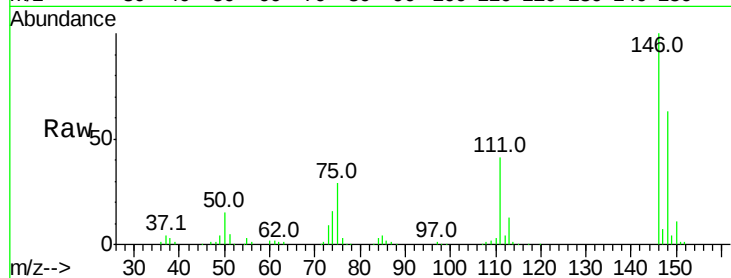




#13
 1,4-Dichlorobenzene
 Concen: 42.07 ng
 RT: 7.37 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

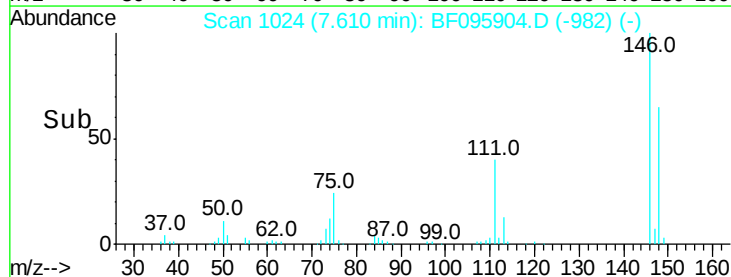
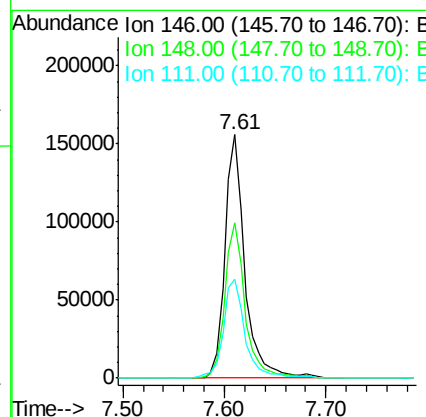
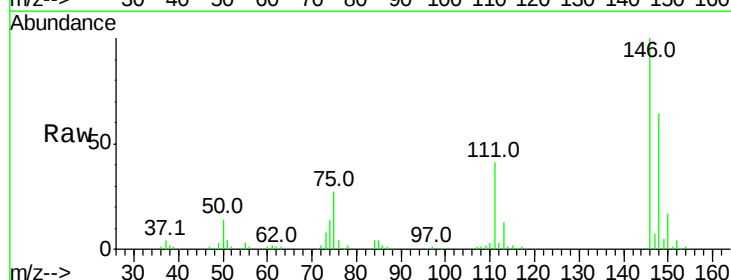
Instrument :
 BNA_F
 ClientSampleId :

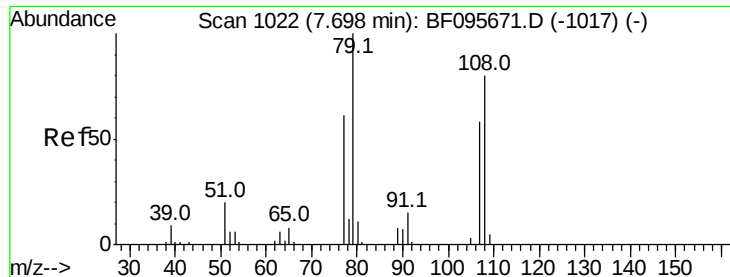
Tot Ion:146 Resp: 226914
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 40.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.68 ng
 RT: 7.61 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion:146 Resp: 212226
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 40.7 38.2 57.4

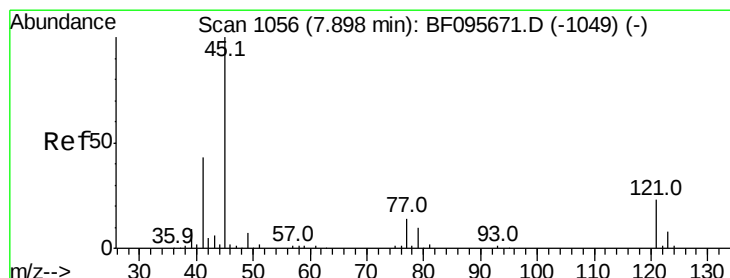
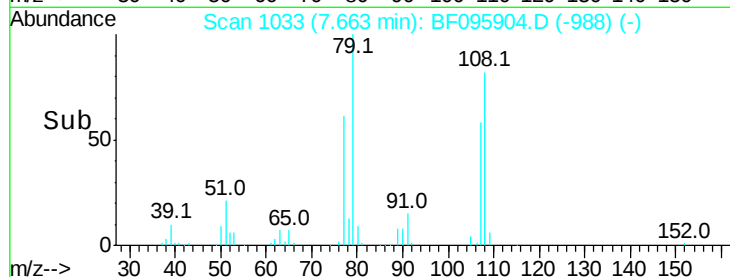
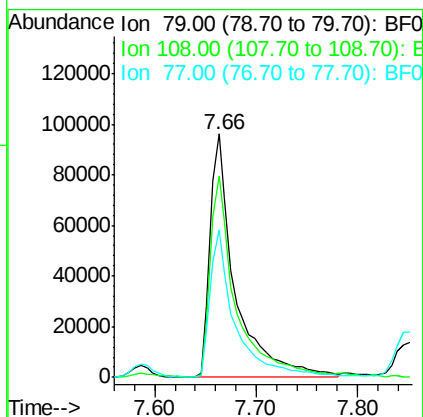
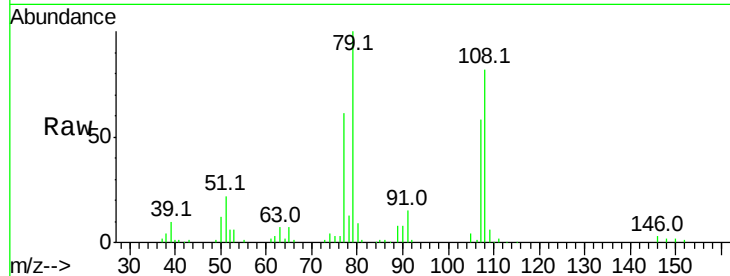




#15
Benzyl Alcohol
Concen: 45.45 ng
RT: 7.66 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

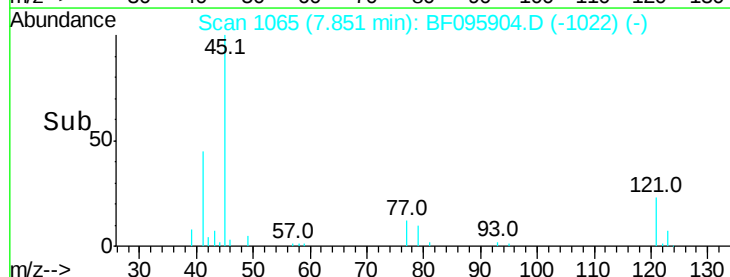
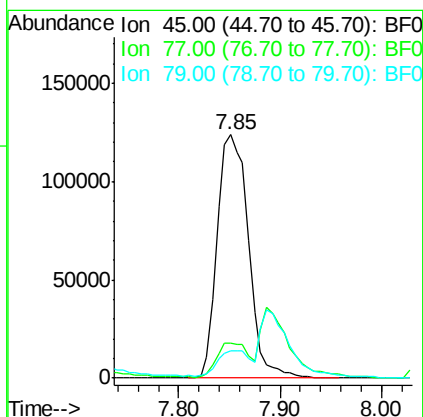
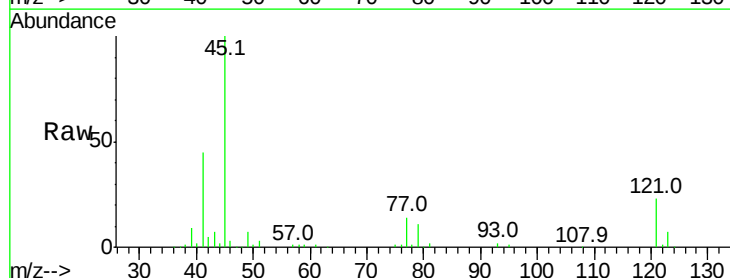
Instrument :
BNA_F
ClientSampleId :

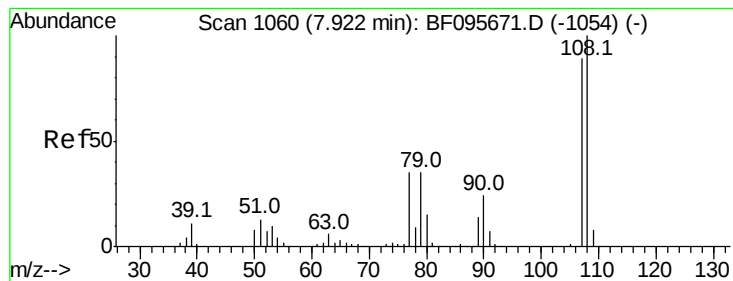
Tot Ion: 79 Resp: 165065
Ion Ratio Lower Upper
79 100
108 82.5 63.4 95.0
77 60.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.28 ng
RT: 7.85 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion: 45 Resp: 264403
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.2
79 11.2 0.0 30.0

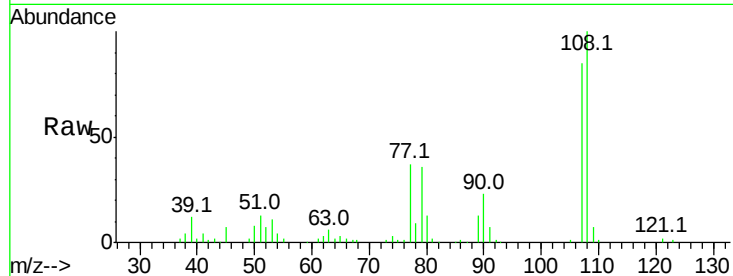




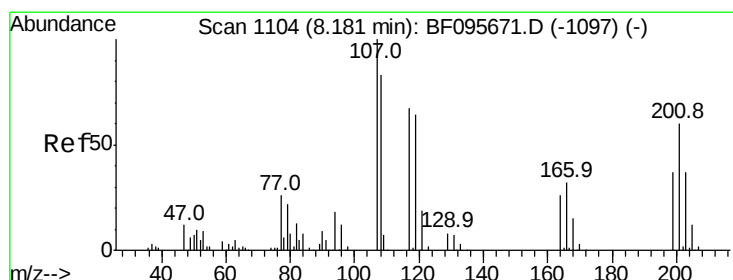
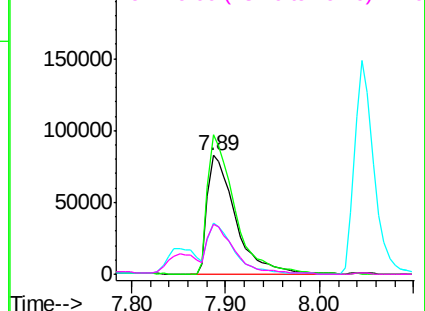
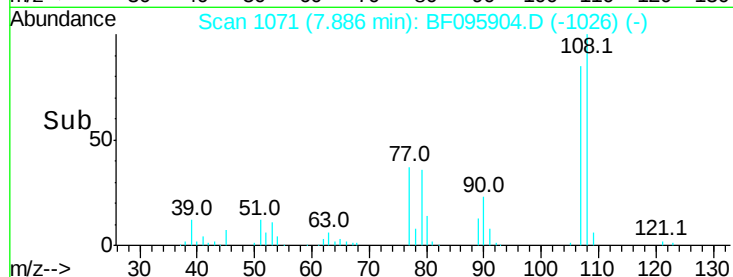
#17
 2-Methylphenol
 Concen: 44.47 ng
 RT: 7.89 min Scan# 1071
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 175355
 Ion Ratio Lower Upper
 107 100
 108 117.0 93.4 140.0
 77 43.7 35.8 53.6
 79 42.0 34.8 52.2

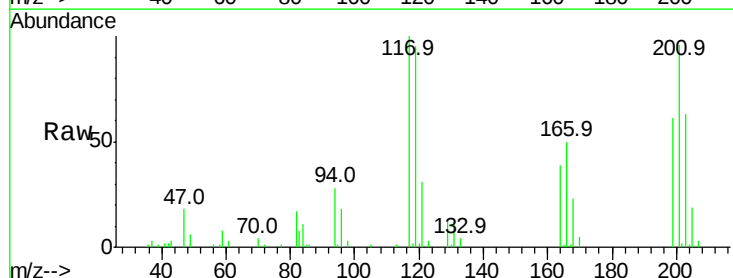


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

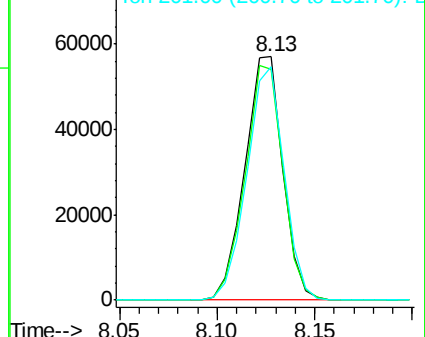
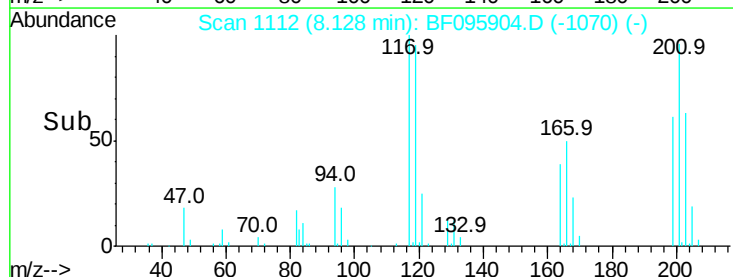


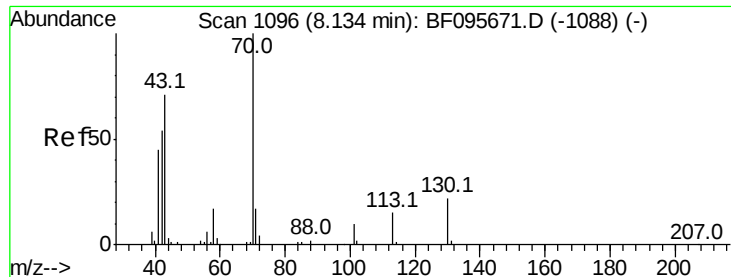
#18
 Hexachloroethane
 Concen: 43.05 ng
 RT: 8.13 min Scan# 1112
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion:117 Resp: 76696
 Ion Ratio Lower Upper
 117 100
 119 94.9 77.4 116.0
 201 95.7 94.6 141.8



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

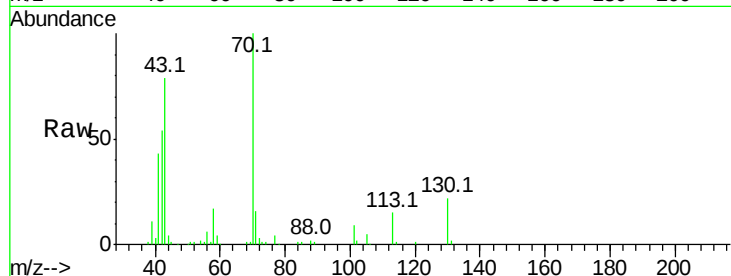




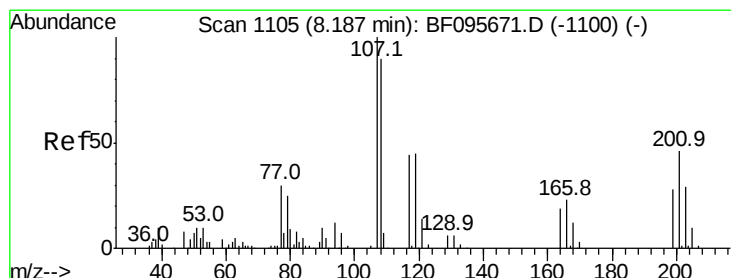
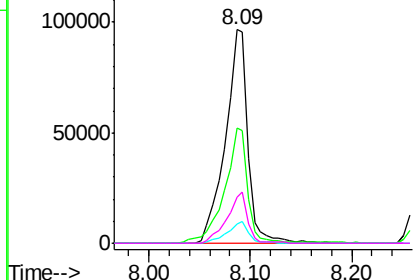
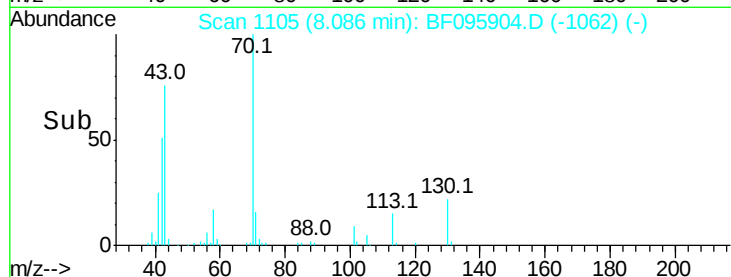
#19
n-Nitroso-di-n-propylamine
Concen: 44.48 ng
RT: 8.09 min Scan# 1105
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 149127
Ion Ratio Lower Upper
70 100
42 53.8 47.2 70.8
101 9.2 7.2 10.8
130 21.6 15.9 23.9

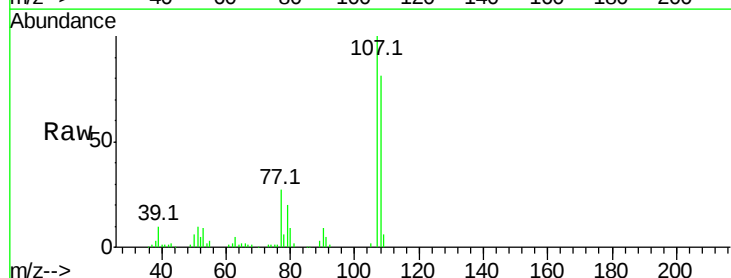


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

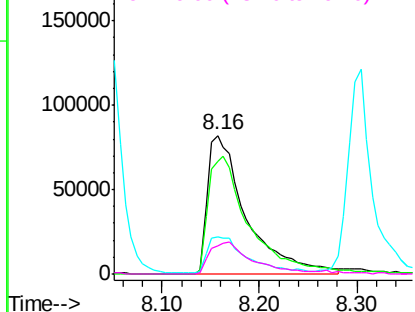
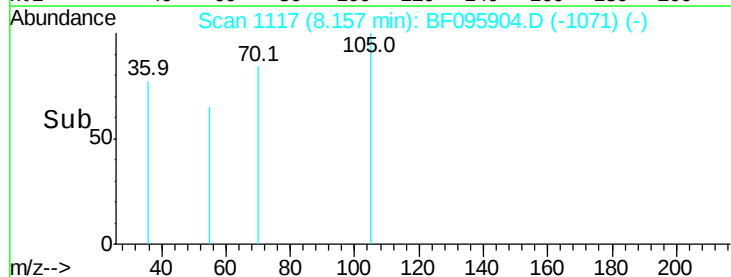


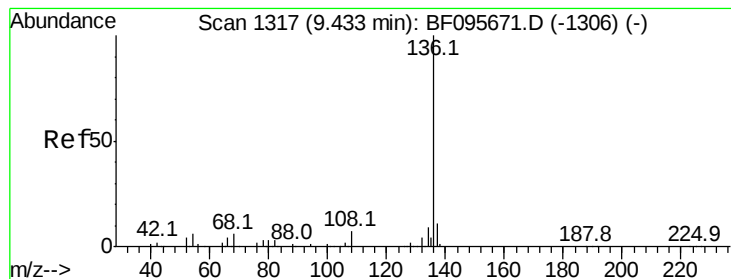
#20
3+4-Methylphenols
Concen: 45.27 ng
RT: 8.16 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:107 Resp: 226601
Ion Ratio Lower Upper
107 100
108 81.3 71.0 111.0
77 26.7 90.5 130.5#
79 20.5 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: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 293163

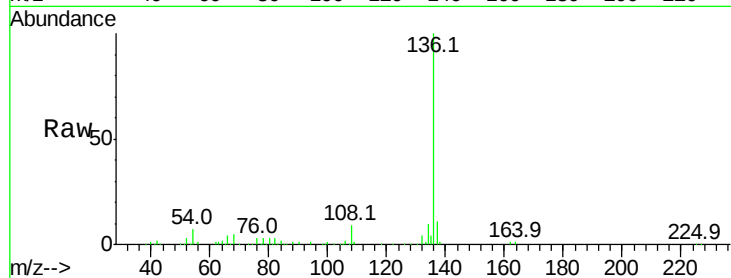
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.3 4.1 6.1

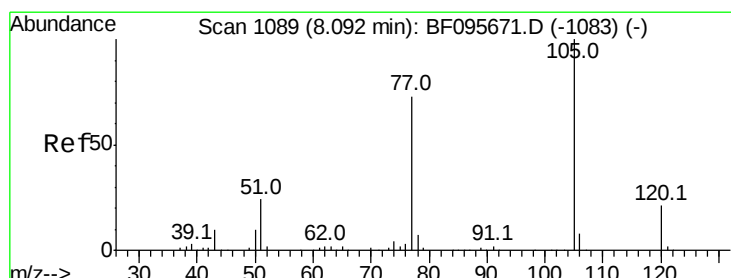
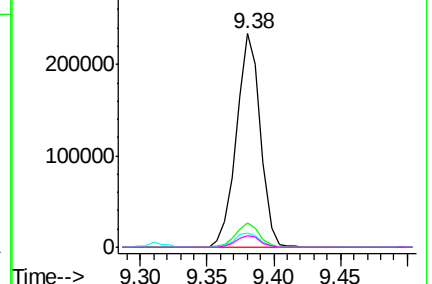
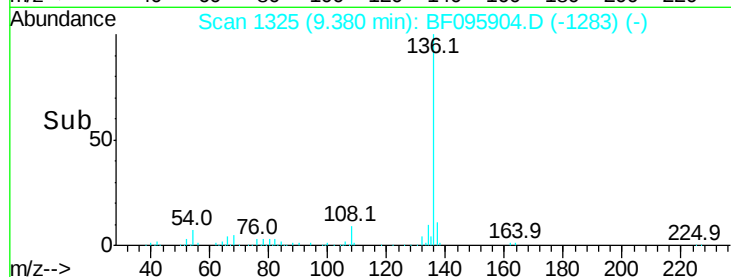


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.18 ng

RT: 8.05 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion:105 Resp: 296303

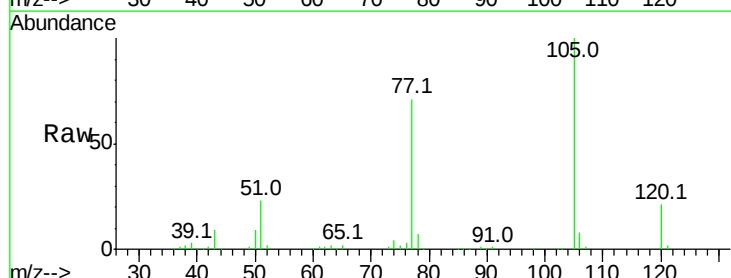
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.6 30.7 46.1#

120 20.6 17.4 26.0

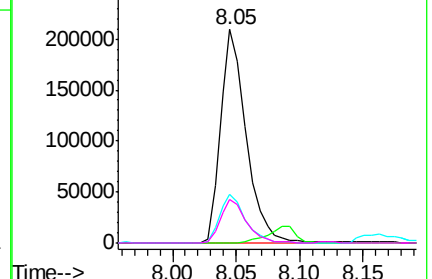
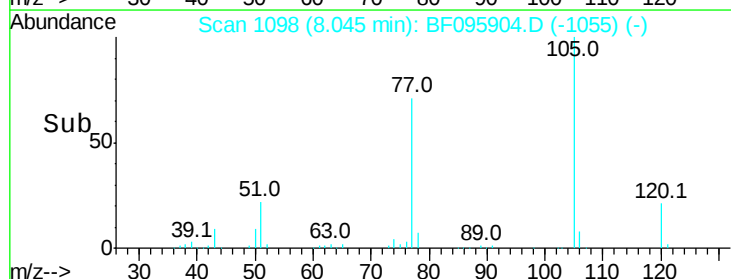


Abundance Ion 105.00 (104.70 to 105.70): E

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

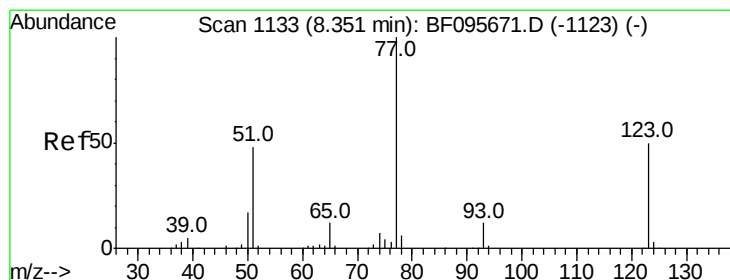
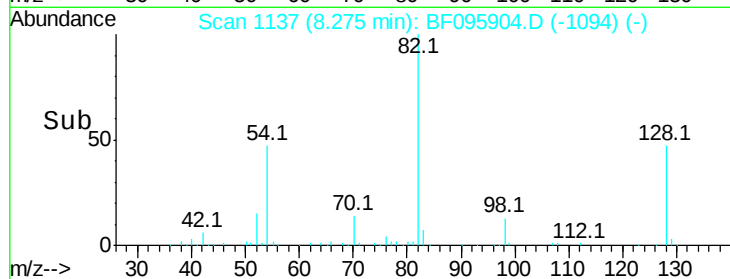
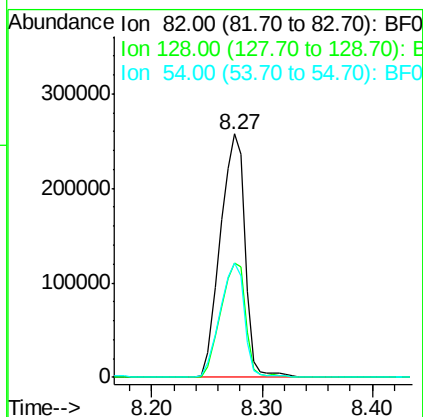
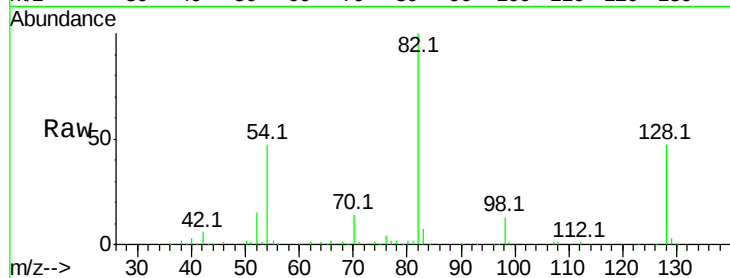




#23
 Nitrobenzene-d5
 Concen: 85.28 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

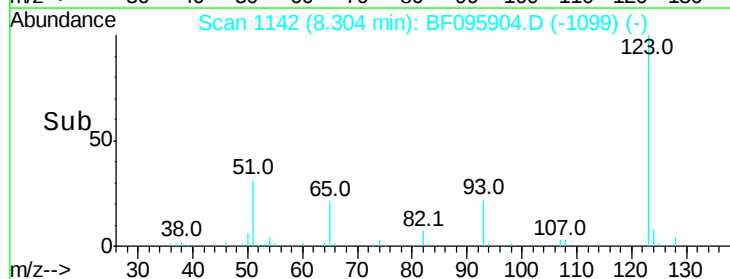
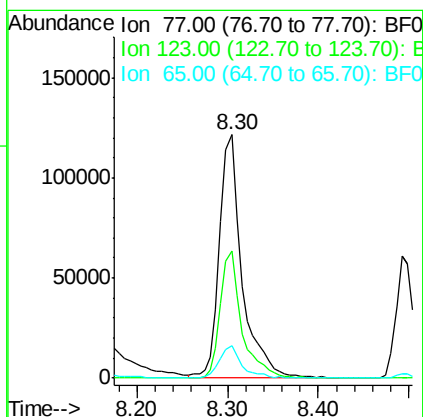
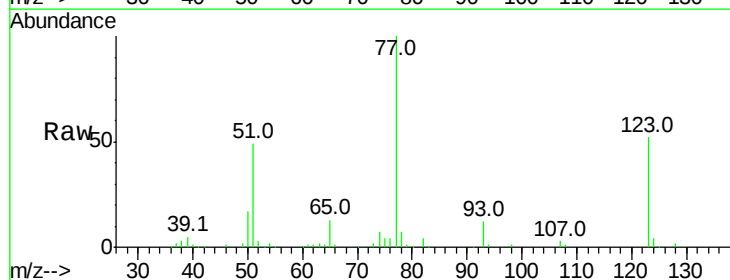
Instrument :
 BNA_F
 ClientSampleId :

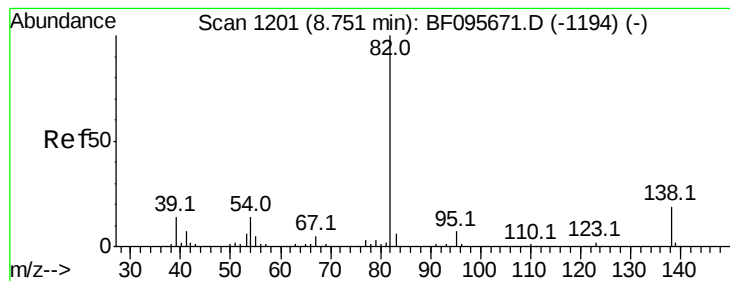
Tot Ion: 82 Resp: 402539
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 46.9 42.2 63.2



#24
 Nitrobenzene
 Concen: 41.83 ng
 RT: 8.30 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion: 77 Resp: 210930
 Ion Ratio Lower Upper
 77 100
 123 52.3 35.8 53.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 42.64 ng

RT: 8.70 min Scan# 1210

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

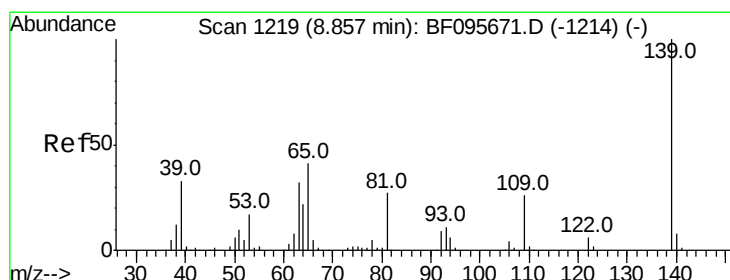
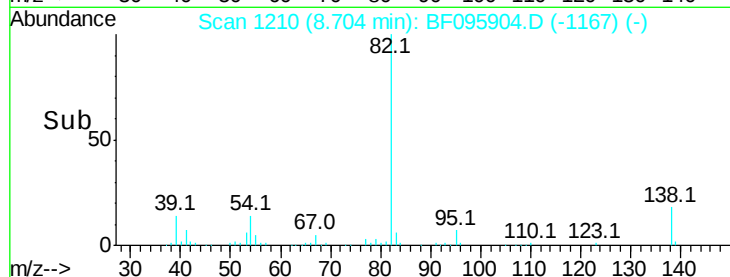
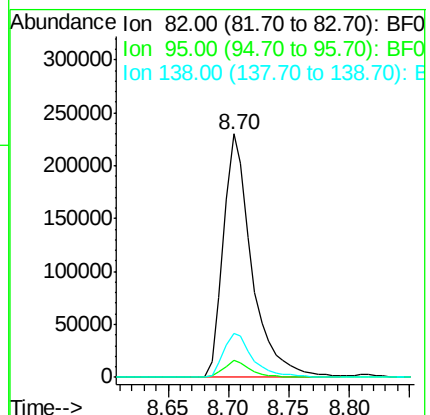
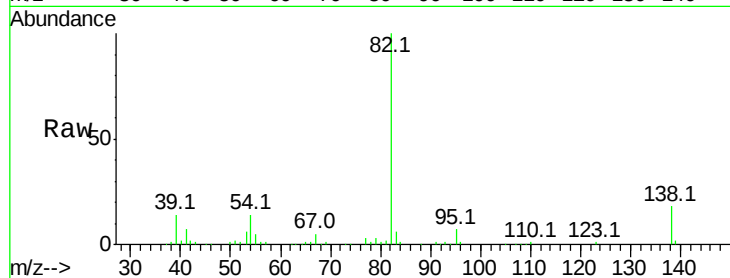
Tot Ion: 82 Resp: 375839

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 45.27 ng

RT: 8.82 min Scan# 1229

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

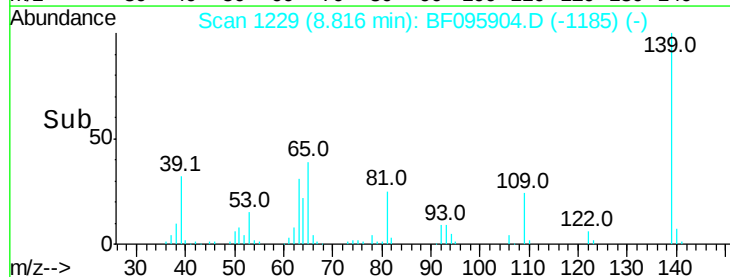
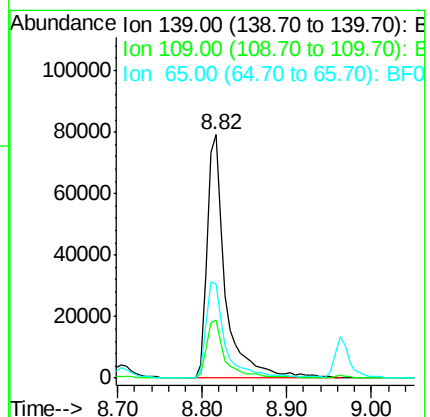
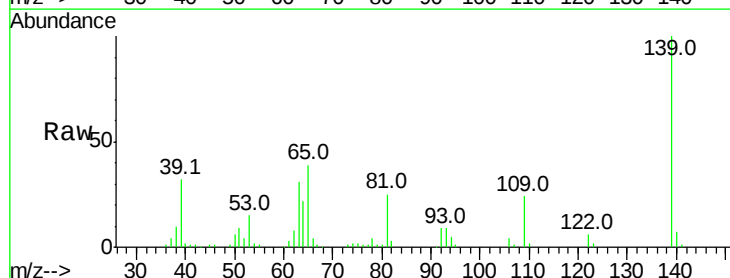
Tgt Ion: 139 Resp: 119536

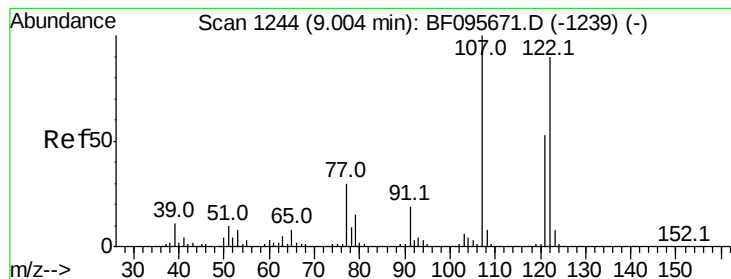
Ion Ratio Lower Upper

139 100

109 23.7 21.0 31.6

65 38.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 45.79 ng

RT: 8.96 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

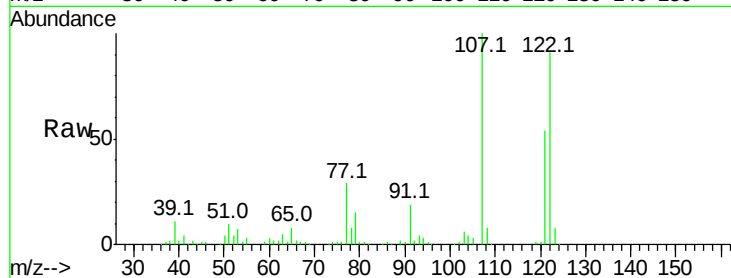
Tot Ion:122 Resp: 187628

Ion Ratio Lower Upper

122 100

107 110.4 89.2 133.8

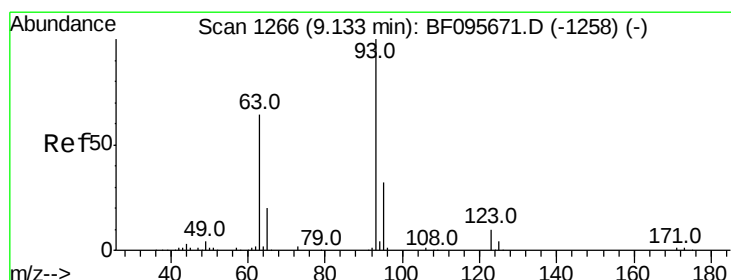
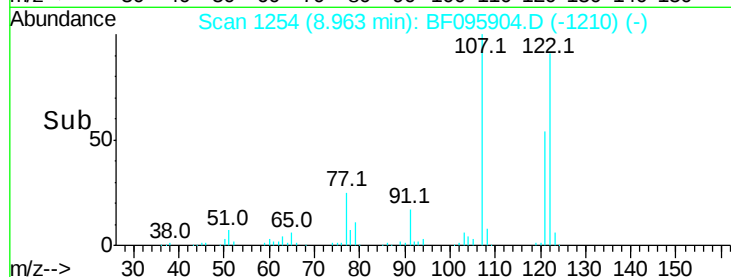
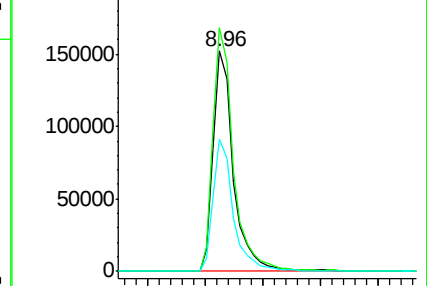
121 59.8 45.2 67.8



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: 42.99 ng

RT: 9.09 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

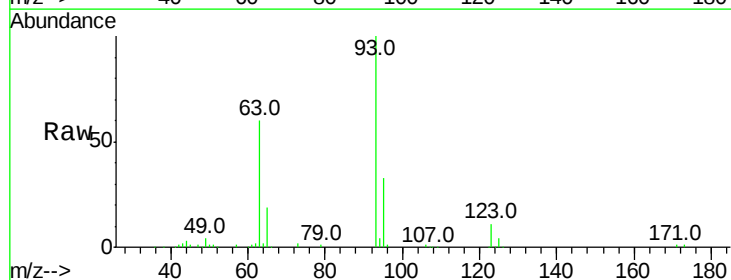
Tgt Ion: 93 Resp: 249760

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

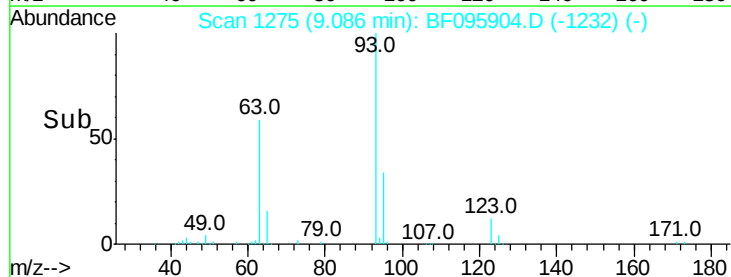
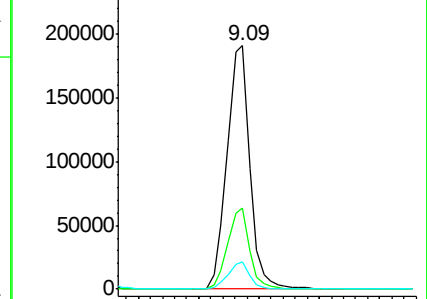
123 11.4 9.0 13.4

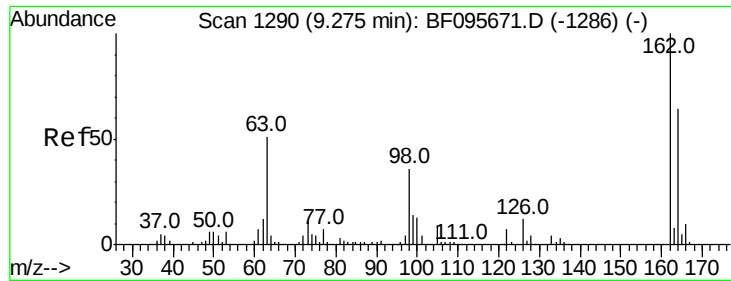


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

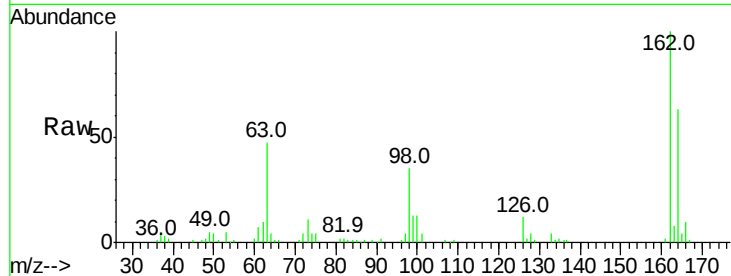




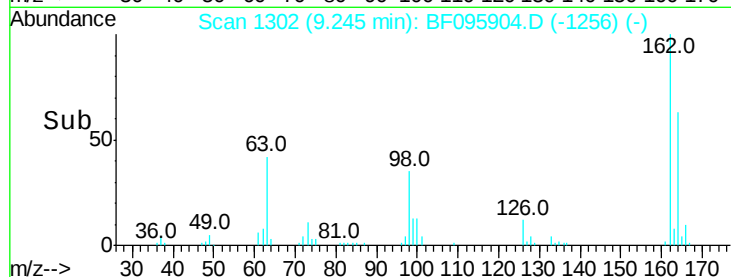
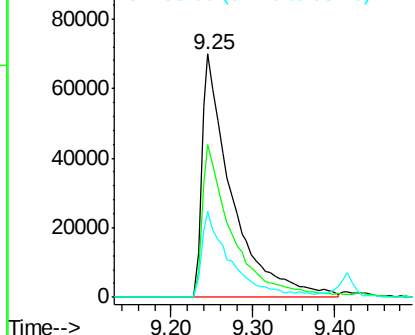
#29
 2,4-Dichlorophenol
 Concen: 44.87 ng
 RT: 9.25 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	35.4	14.8	54.8

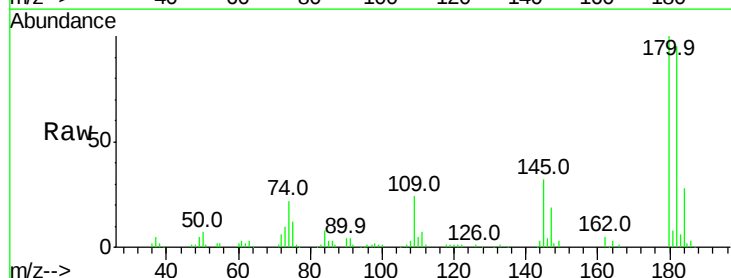


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

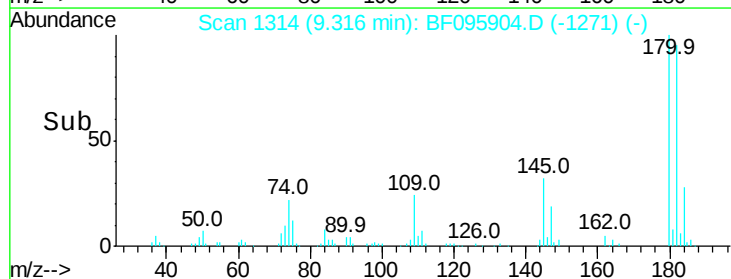
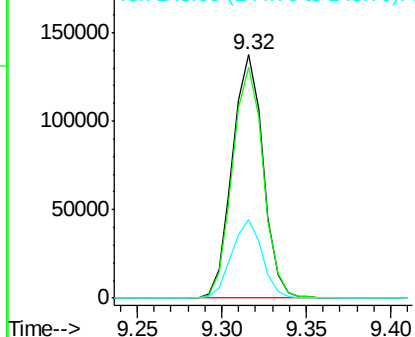


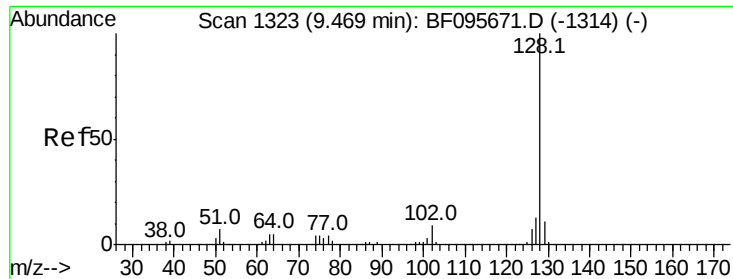
#30
 1,2,4-Trichlorobenzene
 Concen: 42.54 ng
 RT: 9.32 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	32.5	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

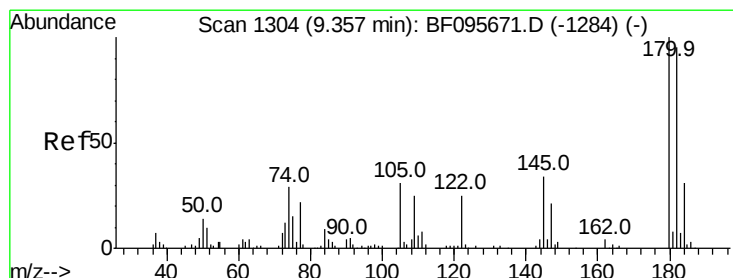
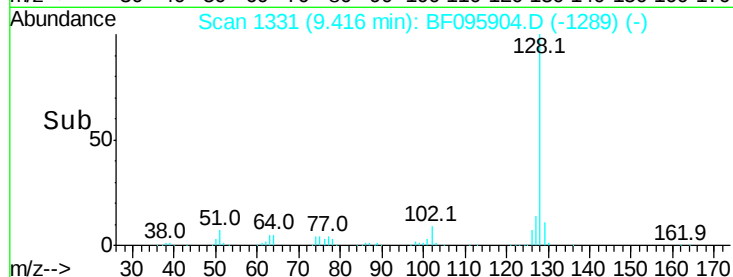
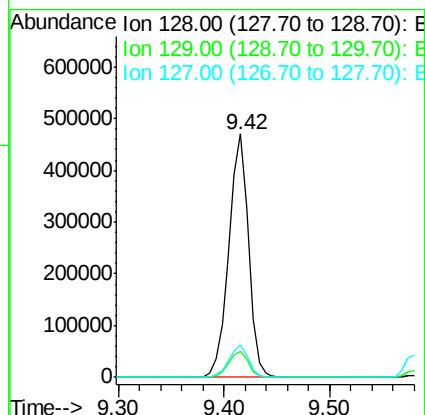
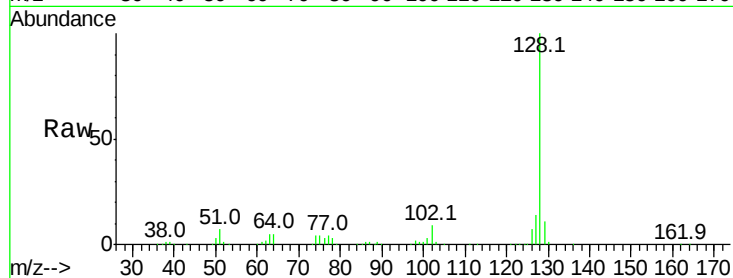




#31
Naphthalene
Concen: 41.11 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

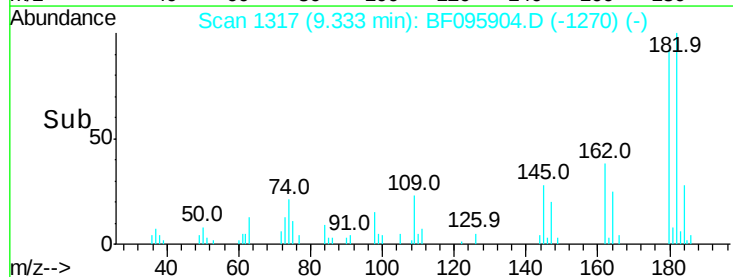
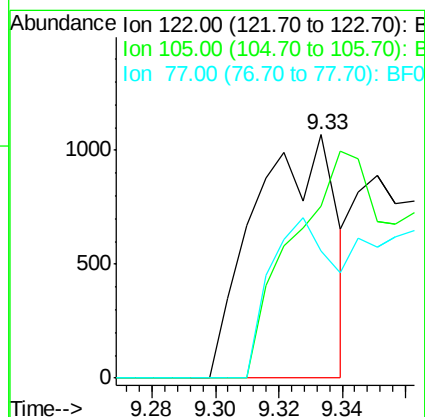
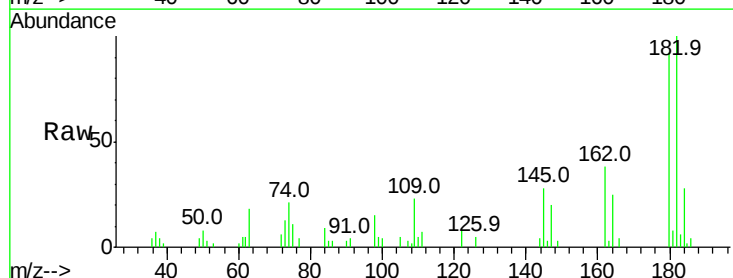
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 604815
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 5.78 ng
RT: 9.33 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:122 Resp: 1906
Ion Ratio Lower Upper
122 100
105 70.4 103.3 143.3#
77 52.0 73.7 113.7#

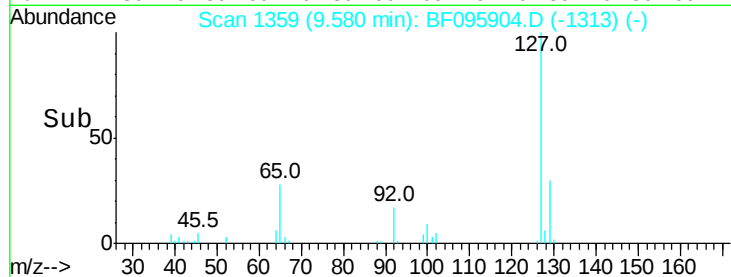
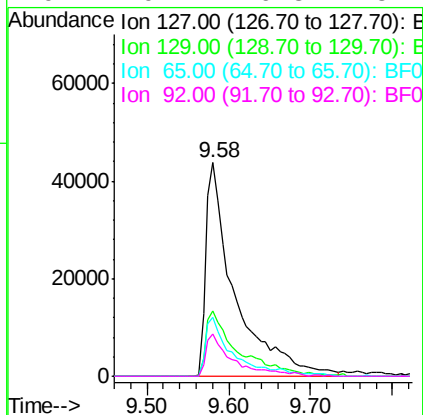
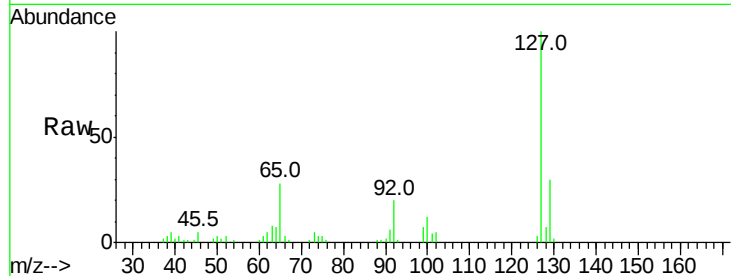




#33
 4-Chloroaniline
 Concen: 18.84 ng
 RT: 9.58 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

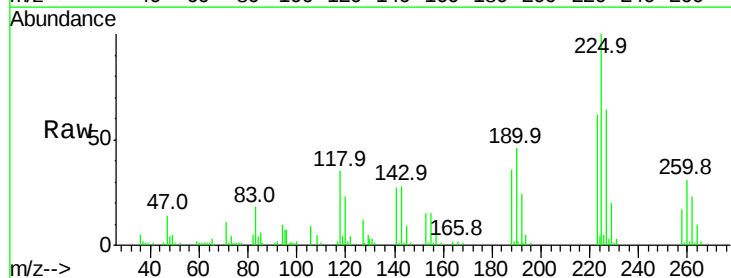
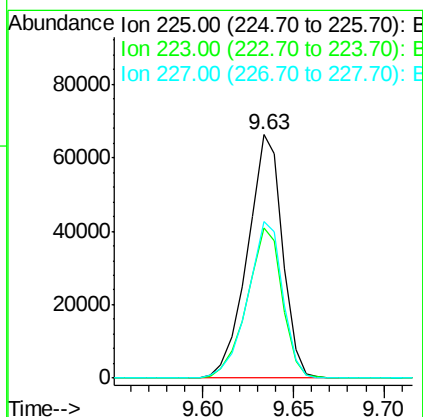
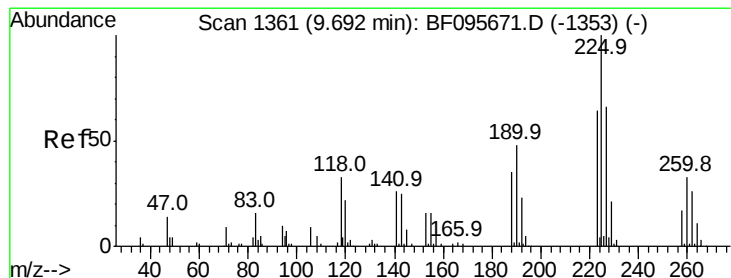
Instrument :
 BNA_F
 ClientSampleId :

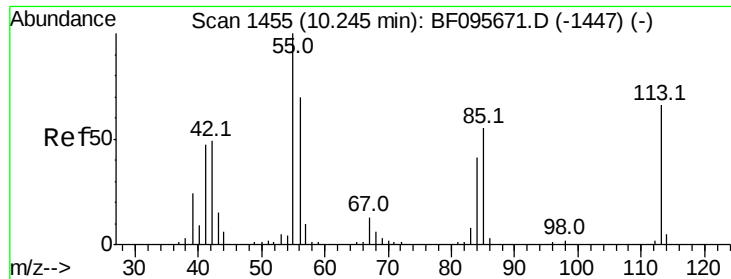
Tot Ion:	127	Resp:	108359
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.2
65	27.5	27.8	41.8#
92	19.7	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 41.72 ng
 RT: 9.63 min Scan# 1368
 Delta R.T. -0.06 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion:	225	Resp:	88533
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	64.3	51.1	76.7





#35

Caprolactam

Concen: 16.30 ng

RT: 10.29 min Scan# 1480

Delta R.T. 0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampled :

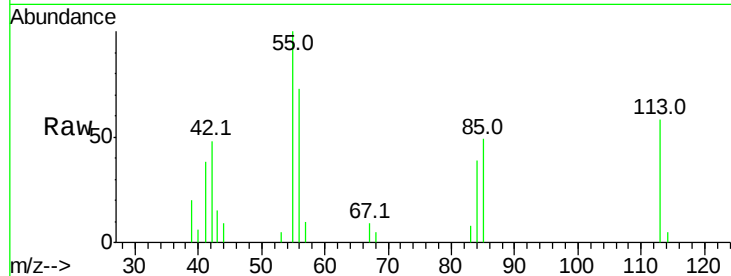
Tot Ion:113 Resp: 19147

Ion Ratio Lower Upper

113 100

55 171.8 150.2 190.2

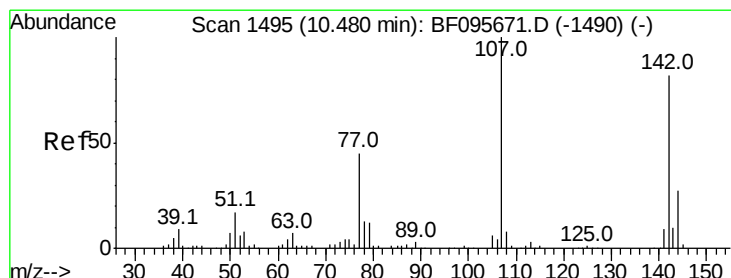
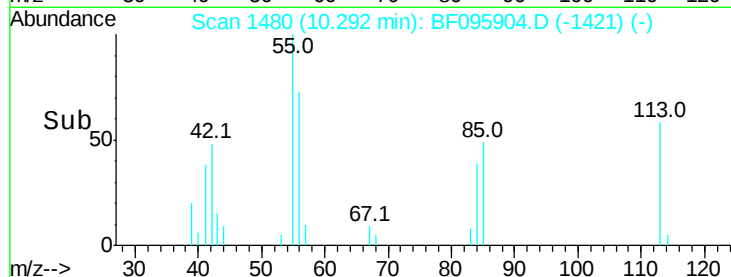
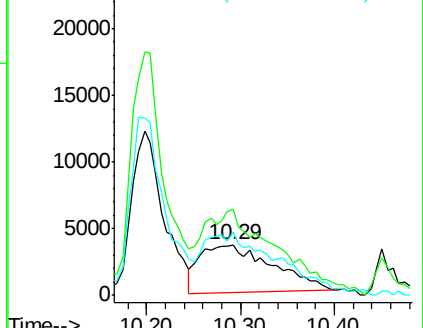
56 126.1 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.49 ng

RT: 10.45 min Scan# 1507

Delta R.T. -0.03 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

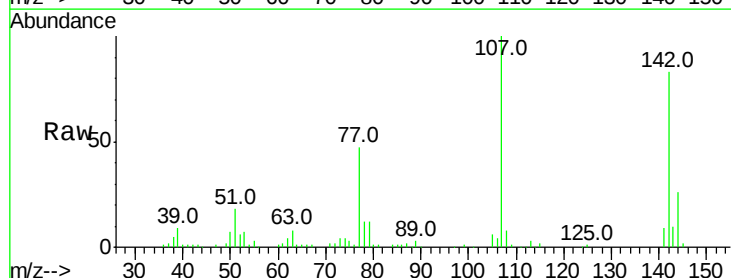
Tgt Ion:107 Resp: 179657

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

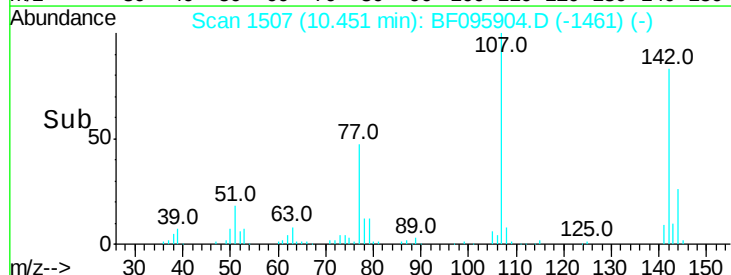
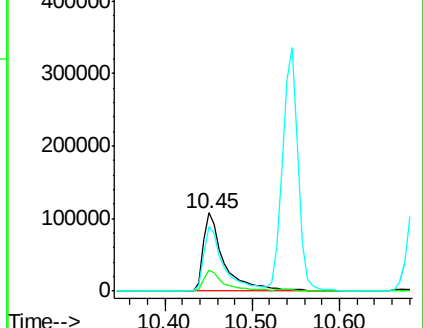
142 82.6 73.4 110.0

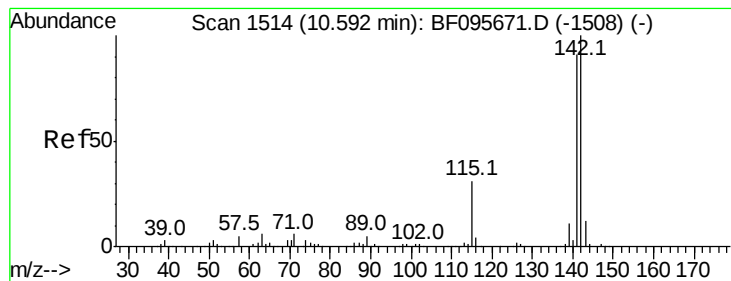


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.95 ng

RT: 10.55 min Scan# 1523

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampled :

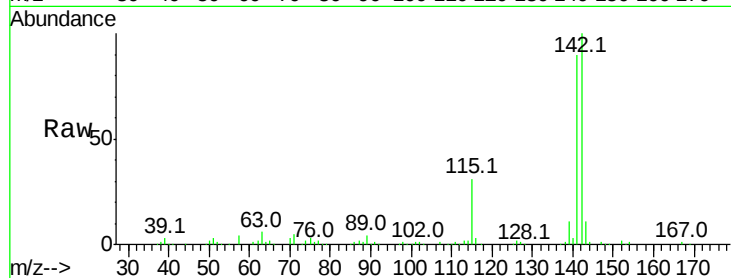
Tot Ion:142 Resp: 417056

Ion Ratio Lower Upper

142 100

141 89.9 71.3 106.9

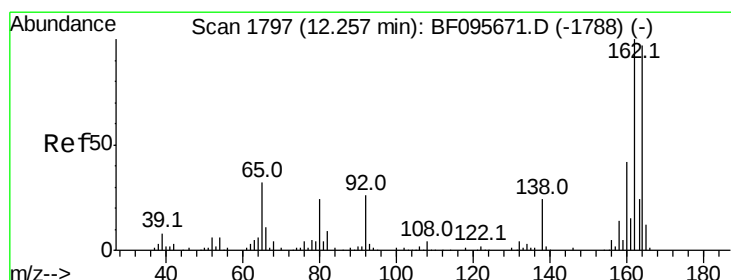
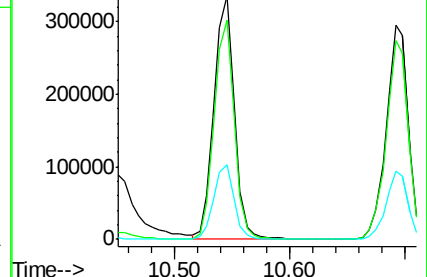
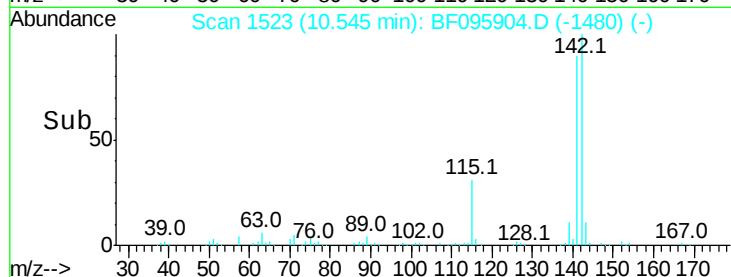
115 30.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.20 min Scan# 1805

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

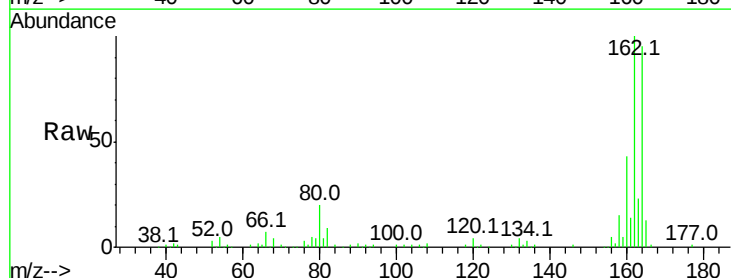
Tgt Ion:164 Resp: 132468

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

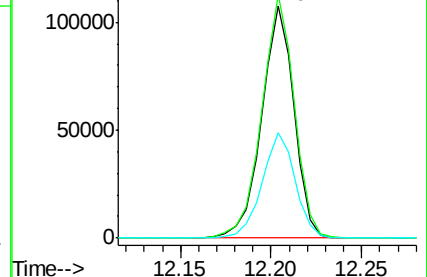
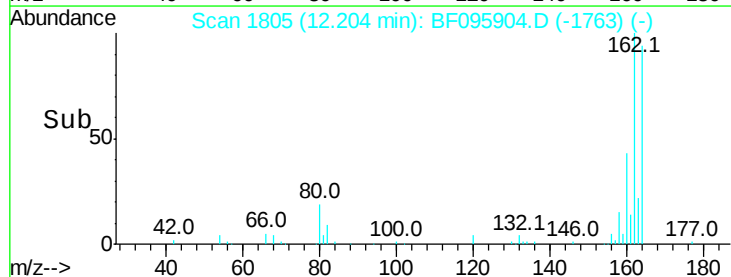
160 45.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

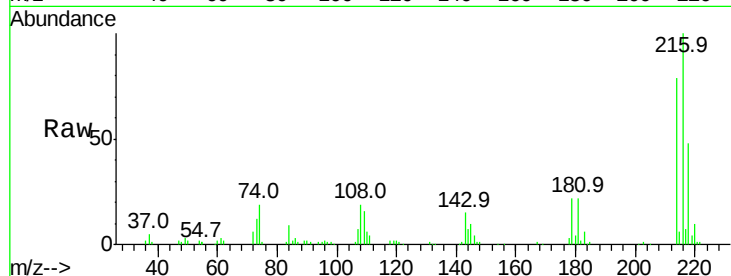




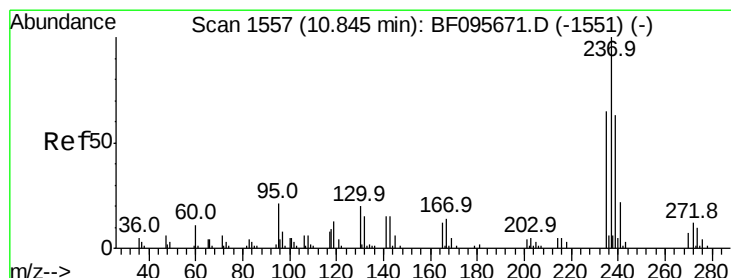
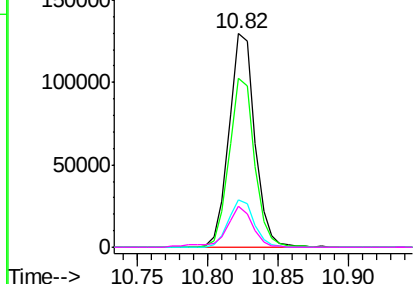
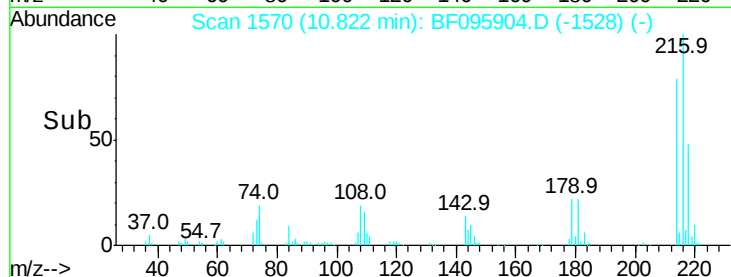
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.69 ng
 RT: 10.82 min Scan# 1570
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	165273
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.2
179	22.0	17.9	26.9
108	19.6	16.5	24.7

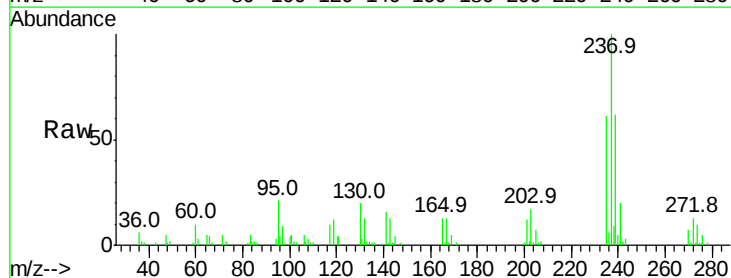


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

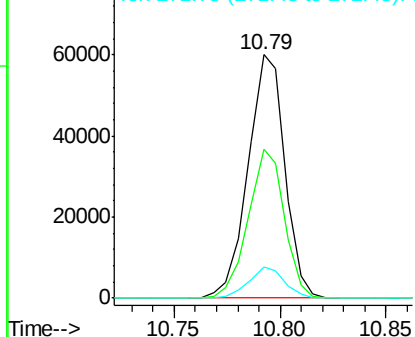
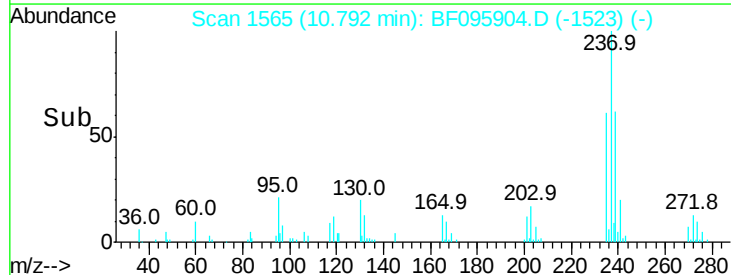


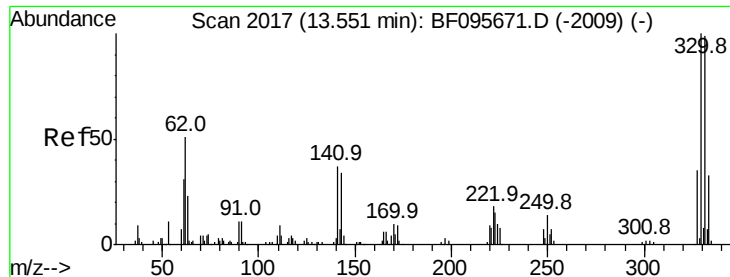
#40
 Hexachlorocyclopentadiene
 Concen: 61.40 ng
 RT: 10.79 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion:	237	Resp:	72528
Ion	Ratio	Lower	Upper
237	100		
235	61.4	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

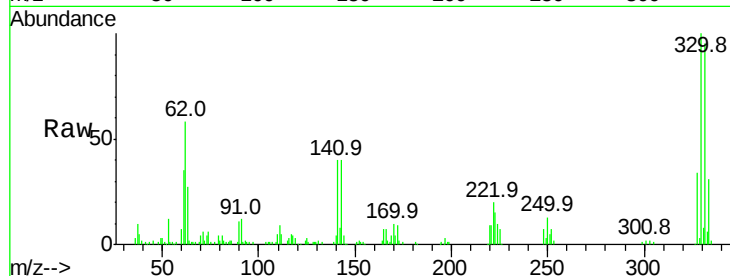




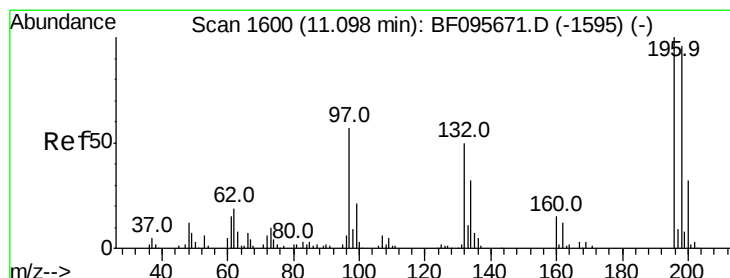
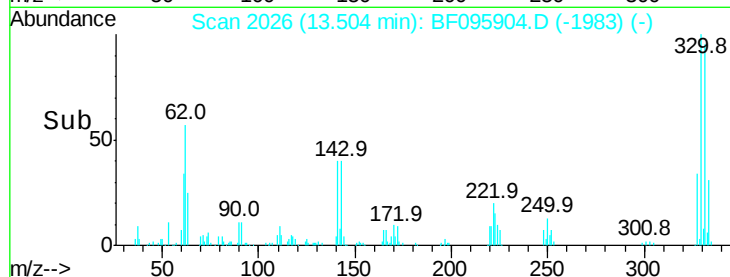
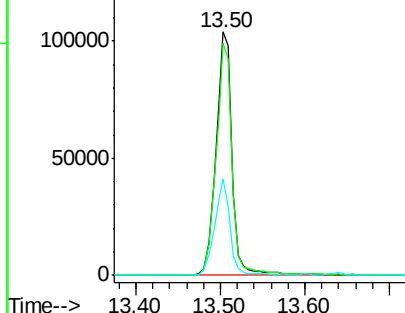
#41
 2,4,6-Tribromophenol
 Concen: 120.28 ng
 RT: 13.50 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	38.2	31.4	47.2

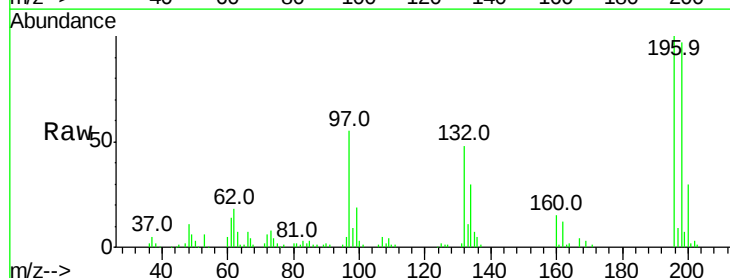


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

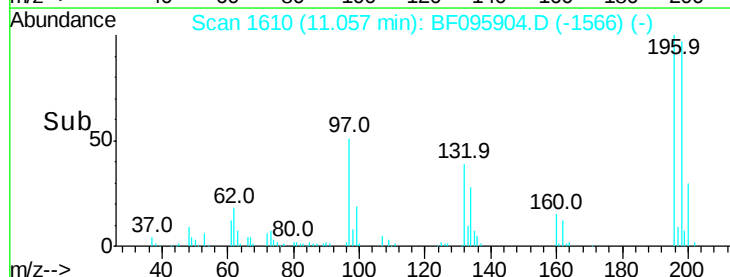
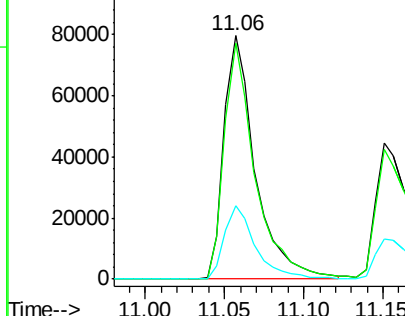


#42
 2,4,6-Trichlorophenol
 Concen: 42.99 ng
 RT: 11.06 min Scan# 1610
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.2	111.4
200	29.9	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

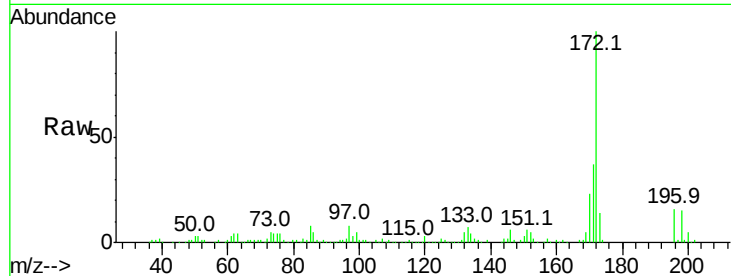




#43
 2,4,5-Trichlorophenol
 Concen: 37.81 ng
 RT: 11.15 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
97	49.2	47.7	71.5
132	32.5	28.0	42.0



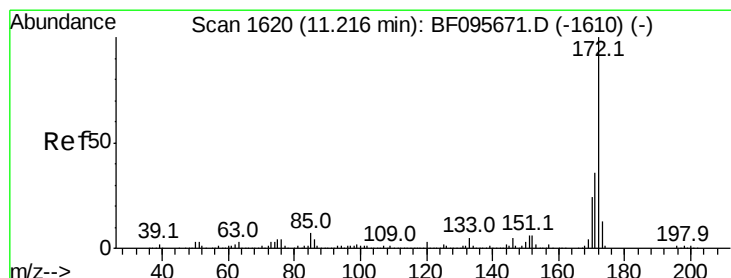
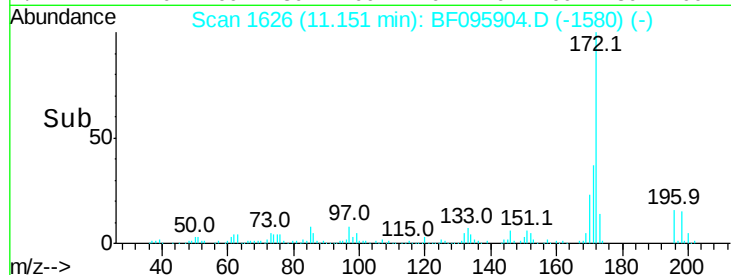
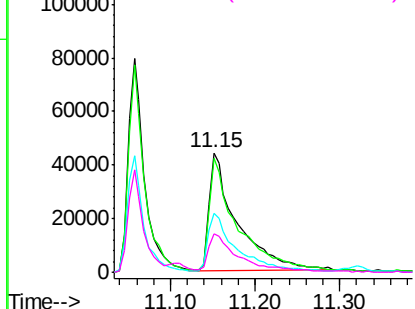
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

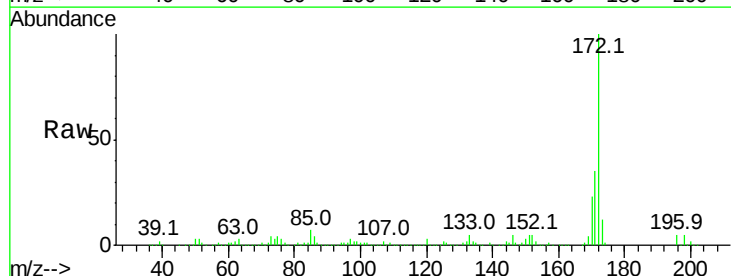
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.44 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.0	19.8	29.8

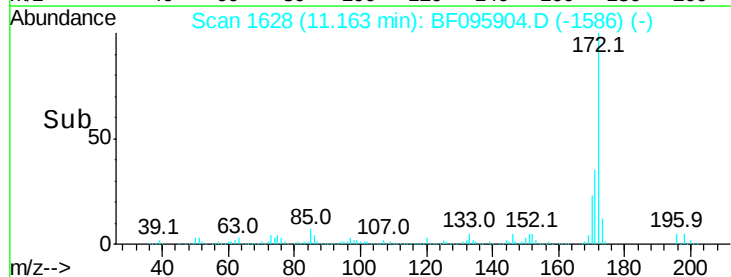
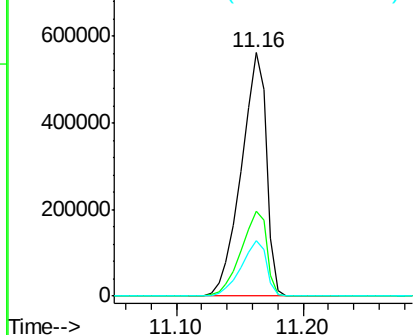


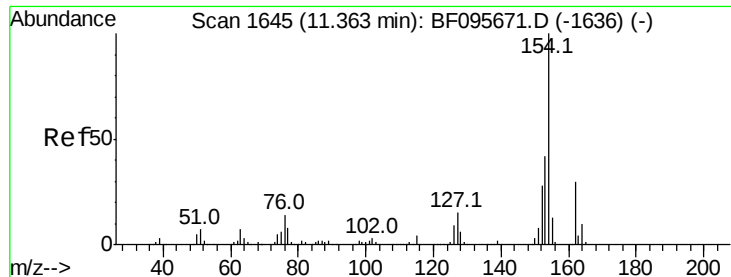
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.68 ng

RT: 11.31 min Scan# 1653

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampled :

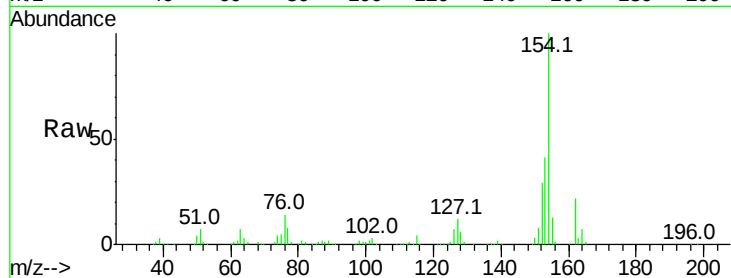
Tot Ion:154 Resp: 465940

Ion Ratio Lower Upper

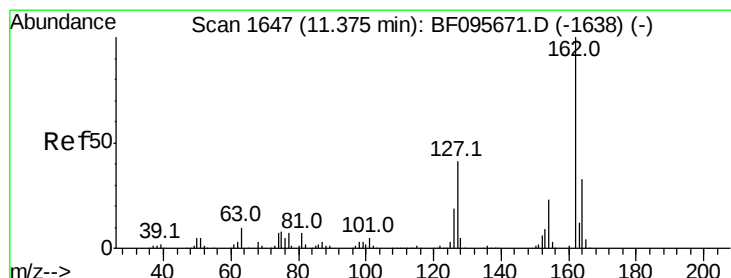
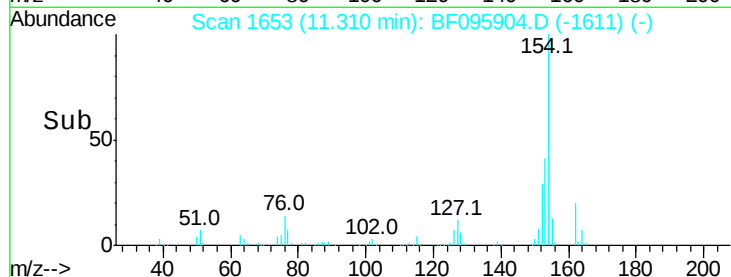
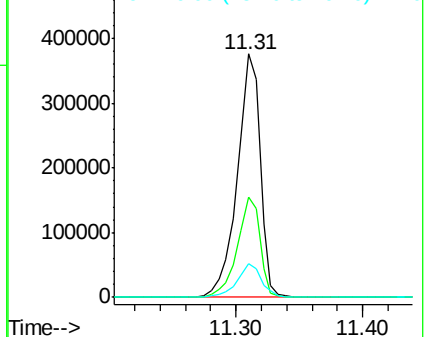
154 100

153 41.2 21.2 61.2

76 14.1 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 41.84 ng

RT: 11.33 min Scan# 1656

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

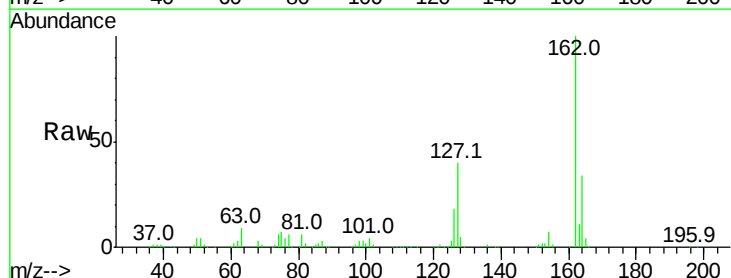
Tgt Ion:162 Resp: 356895

Ion Ratio Lower Upper

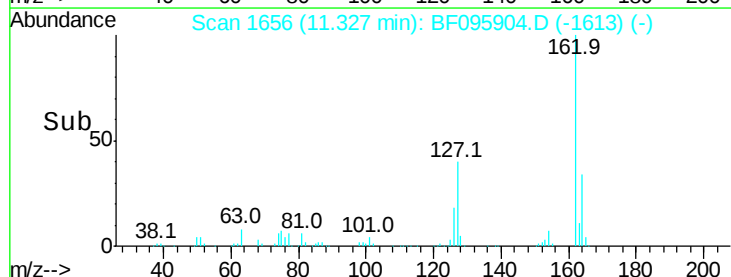
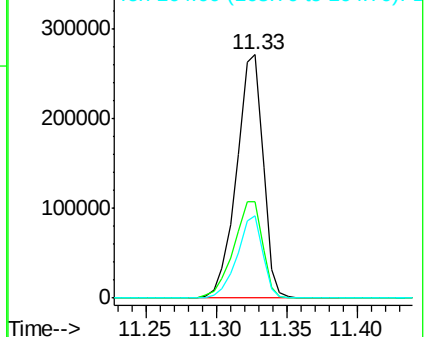
162 100

127 39.5 28.3 42.5

164 33.9 27.0 40.4



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

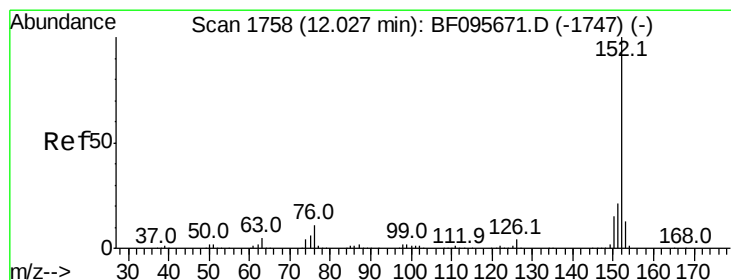
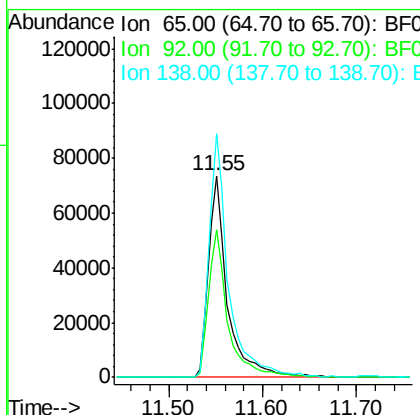
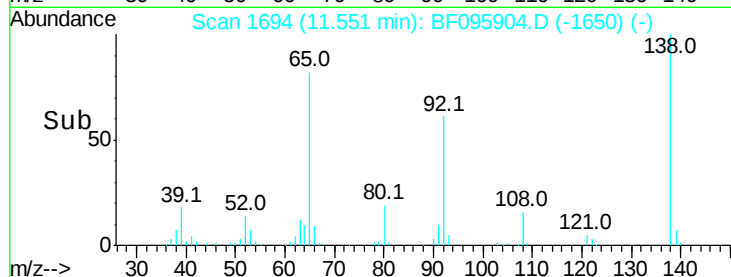
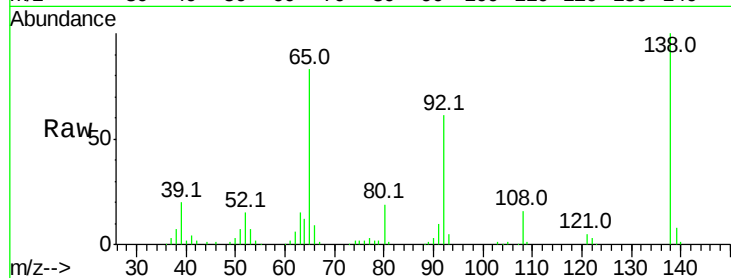




#47
 2-Nitroaniline
 Concen: 42.09 ng
 RT: 11.55 min Scan# 1694
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

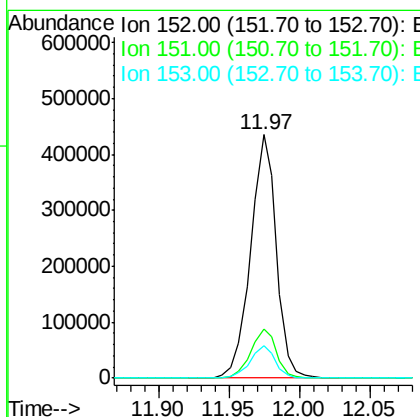
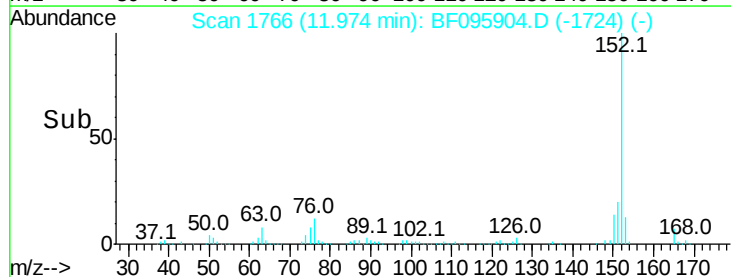
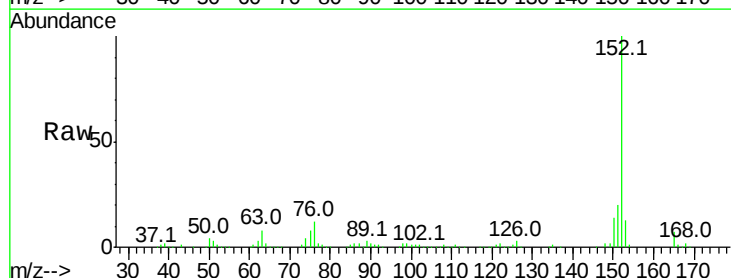
Instrument :
 BNA_F
 ClientSampled :

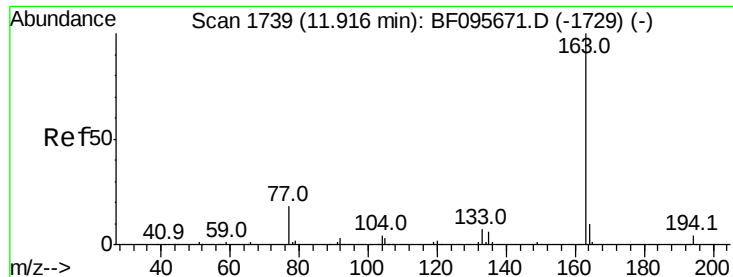
Tot Ion: 65 Resp: 105081
 Ion Ratio Lower Upper
 65 100
 92 73.3 53.9 80.9
 138 120.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.23 ng
 RT: 11.97 min Scan# 1766
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion: 152 Resp: 557701
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.8 25.2
 153 13.2 10.8 16.2

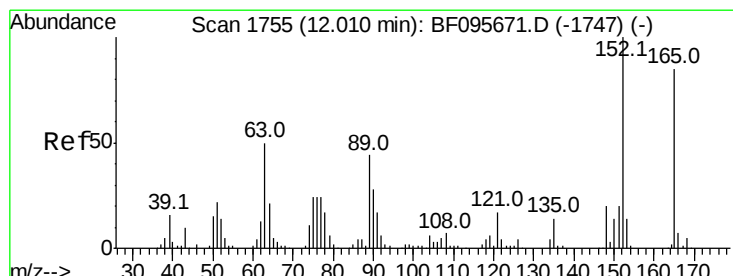
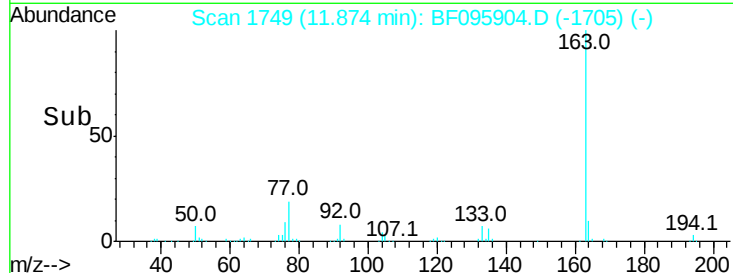
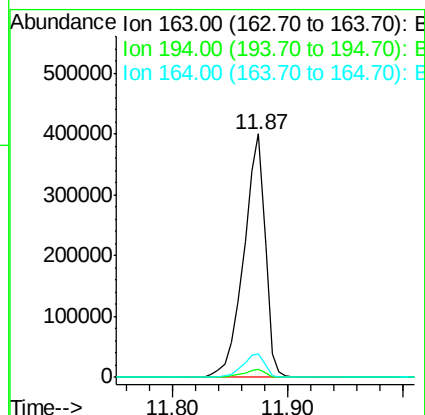
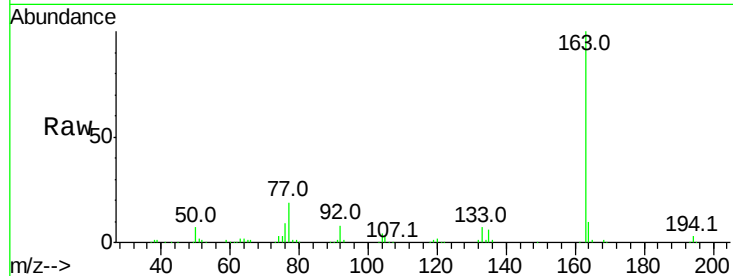




#49
Dimethylphthalate
Concen: 50.92 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

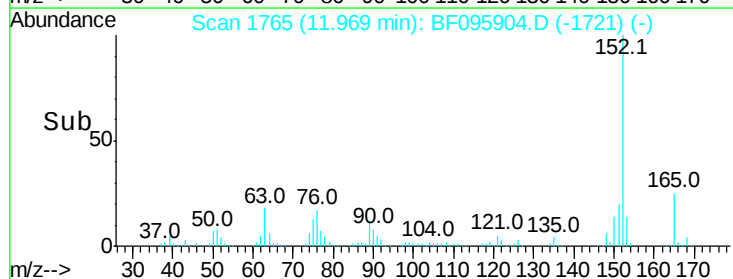
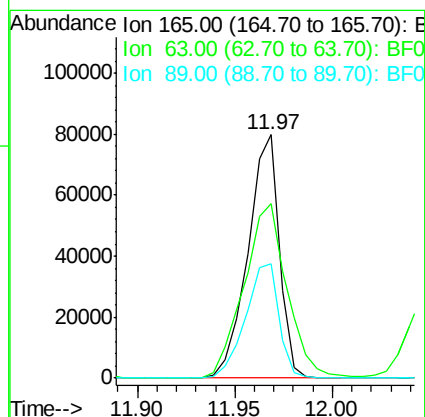
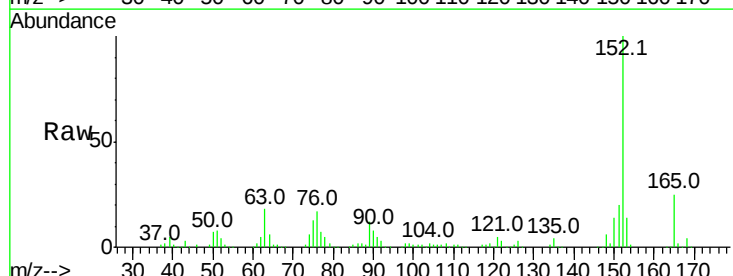
Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 512182
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 40.54 ng
RT: 11.97 min Scan# 1765
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:165 Resp: 88941
Ion Ratio Lower Upper
165 100
63 71.4 34.3 51.5#
89 47.1 37.1 55.7





#51

Acenaphthene

Concen: 39.29 ng

RT: 12.26 min Scan# 1814

Delta R.T. -0.06 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

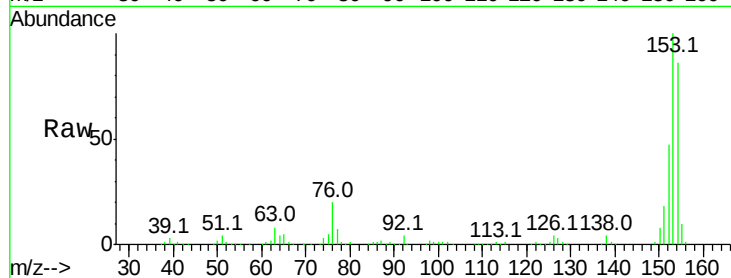
Tot Ion:154 Resp: 331031

Ion Ratio Lower Upper

154 100

153 115.6 90.5 135.7

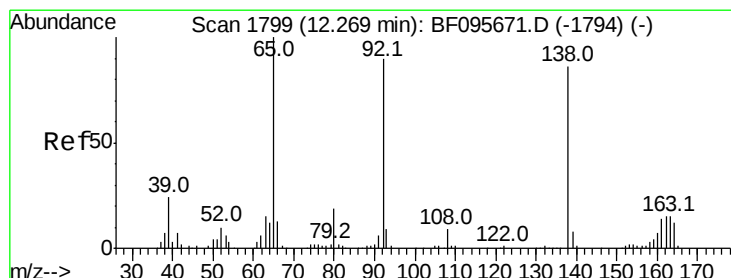
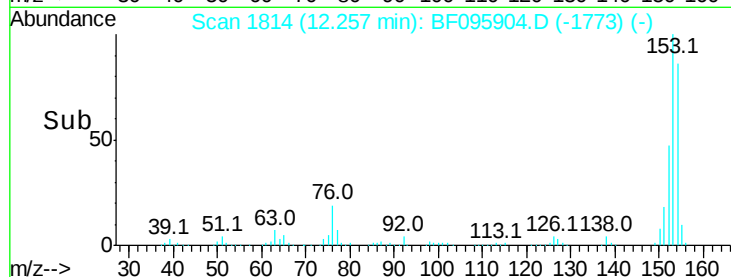
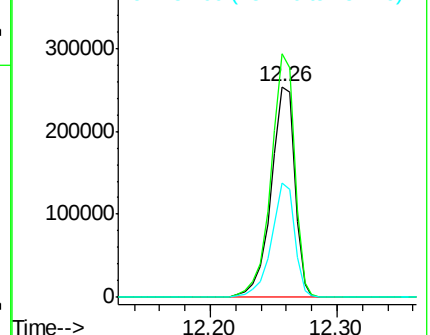
152 54.5 43.6 65.4



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: 28.75 ng

RT: 12.23 min Scan# 1810

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

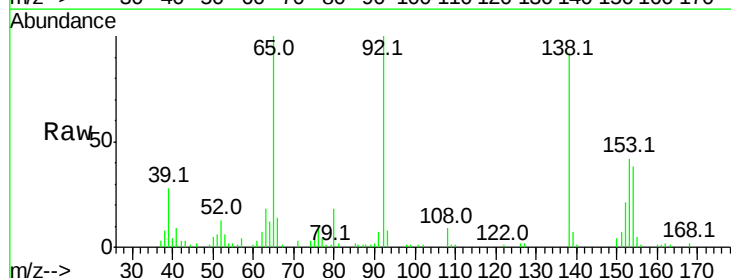
Tgt Ion:138 Resp: 73489

Ion Ratio Lower Upper

138 100

108 9.2 9.1 13.7

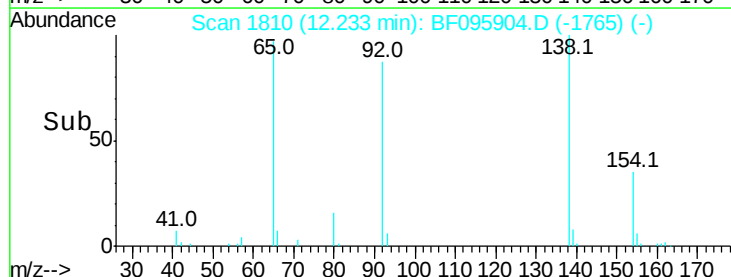
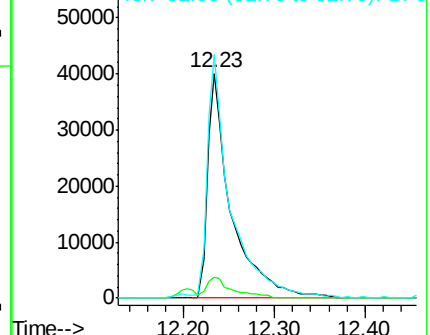
92 108.2 93.8 140.6

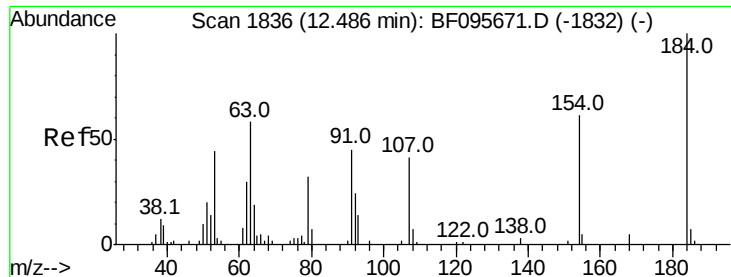


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

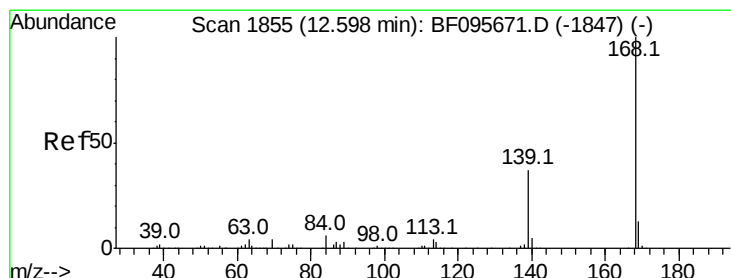
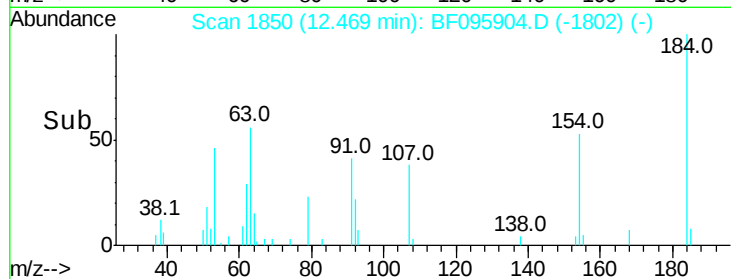
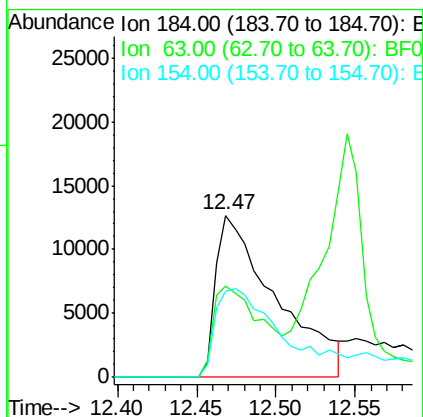
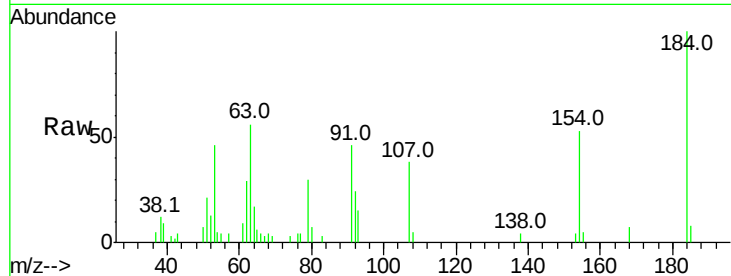




#53
 2,4-Dinitrophenol
 Concen: 31.23 ng
 RT: 12.47 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

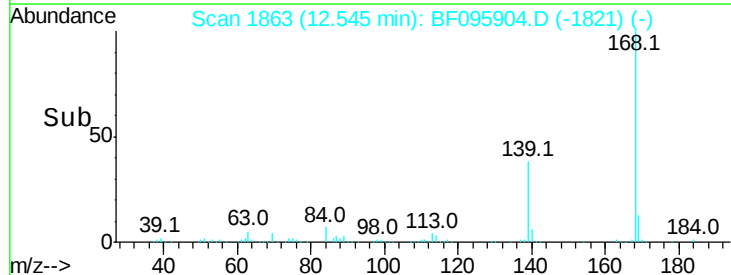
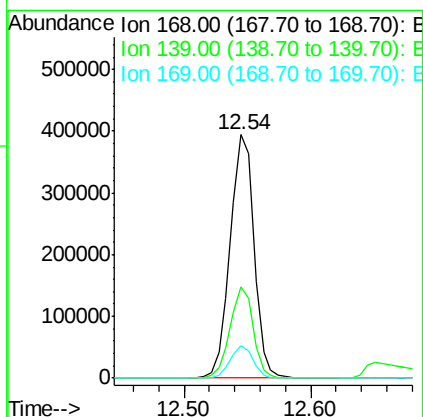
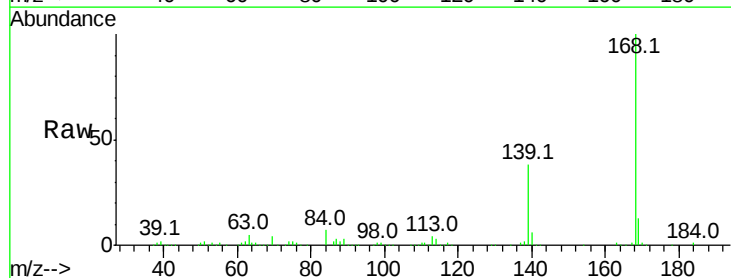
Instrument :
 BNA_F
 ClientSampled :

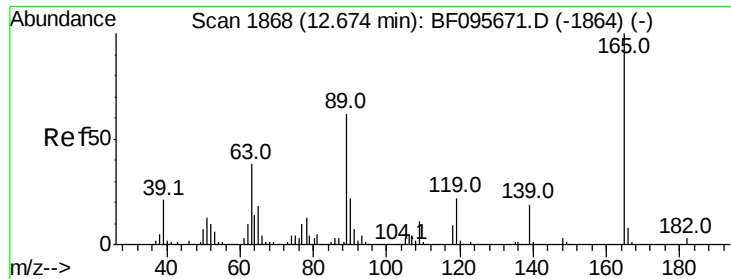
Tot Ion:184 Resp: 33457
 Ion Ratio Lower Upper
 184 100
 63 56.2 62.7 94.1#
 154 53.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.13 ng
 RT: 12.54 min Scan# 1863
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion:168 Resp: 511369
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.6 45.8
 169 13.5 10.8 16.2

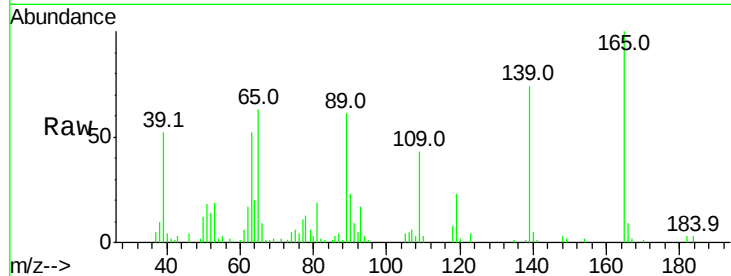




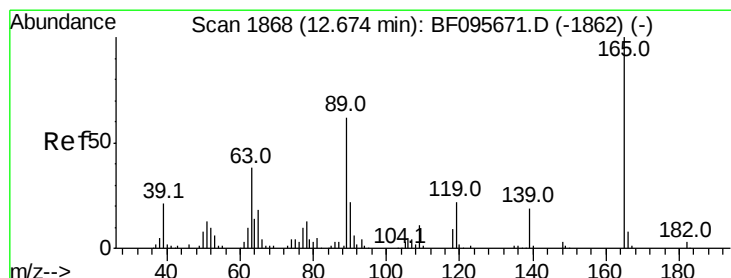
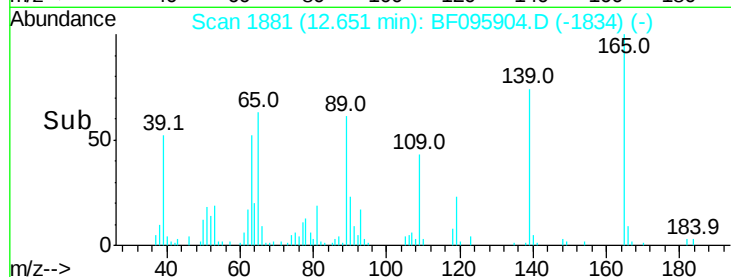
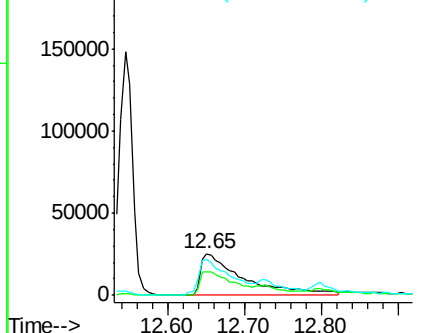
#55
4-Nitrophenol
Concen: 66.62 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 98202
Ion Ratio Lower Upper
139 100
109 57.8 34.1 74.1
65 86.0 31.4 71.4#



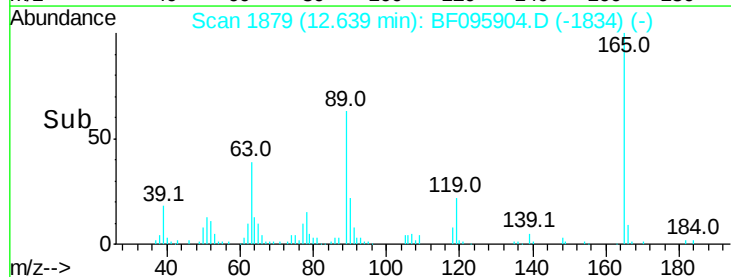
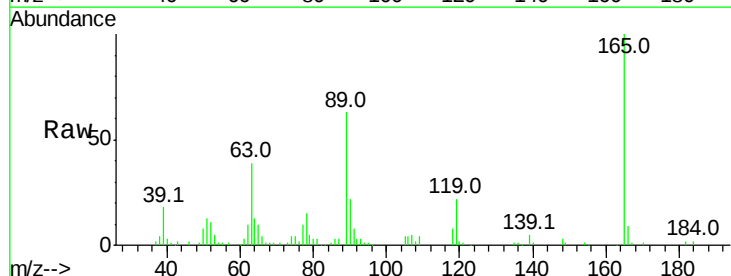
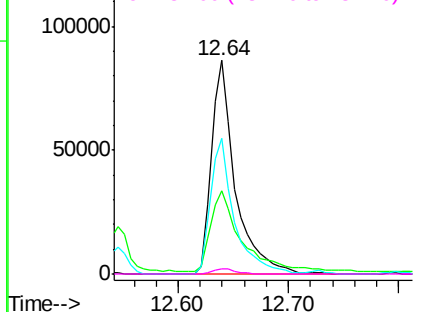
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

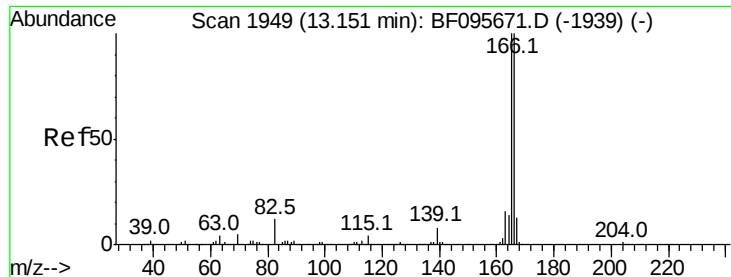


#56
2,4-Dinitrotoluene
Concen: 42.99 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:165 Resp: 127389
Ion Ratio Lower Upper
165 100
63 39.0 25.4 38.0#
89 63.4 46.4 69.6
182 2.4 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.15 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampled :

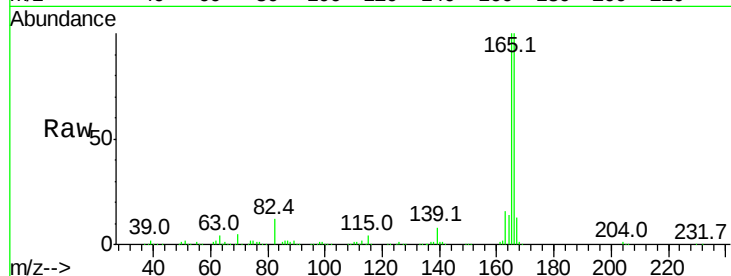
Tot Ion:166 Resp: 403998

Ion Ratio Lower Upper

166 100

165 99.7 78.8 118.2

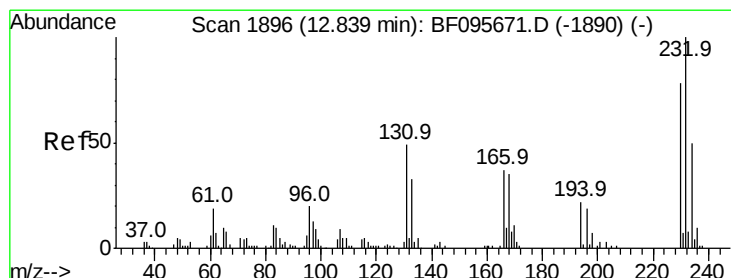
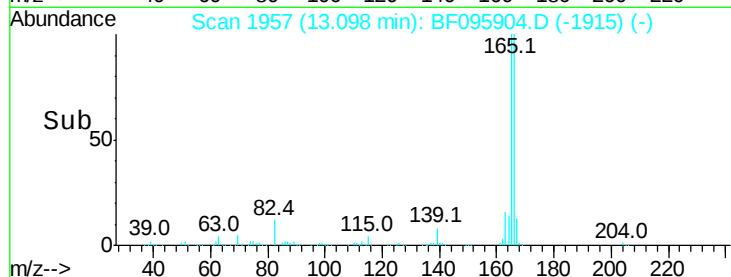
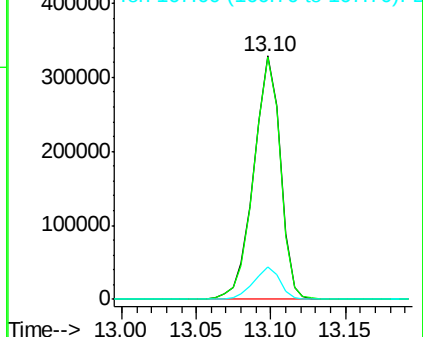
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.07 ng

RT: 12.80 min Scan# 1906

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion:232 Resp: 83611

Ion Ratio Lower Upper

232 100

131 49.4 44.8 67.2

130 2.2 2.3 3.5#

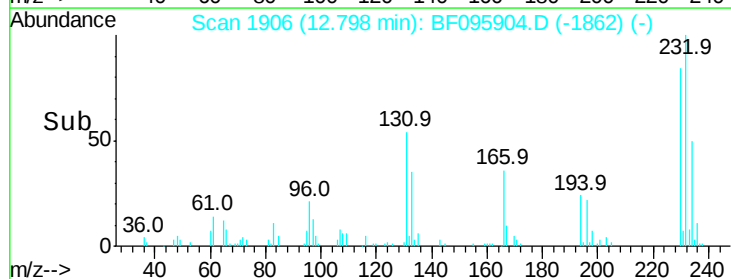
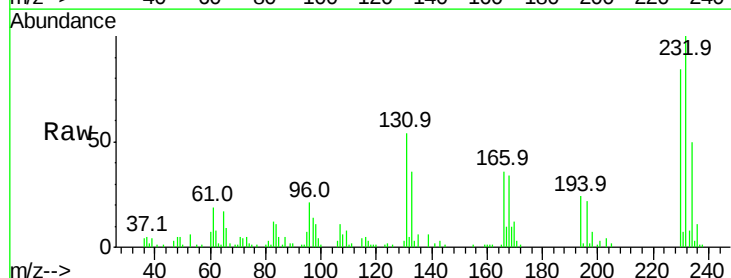
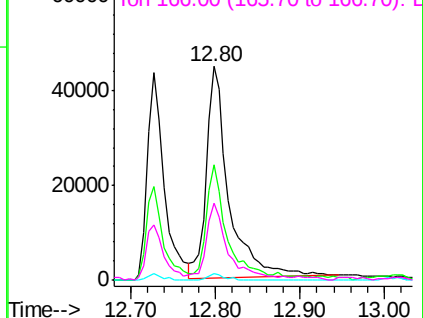
166 31.0 29.0 43.4

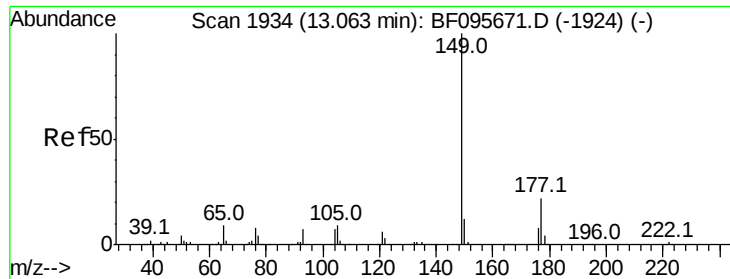
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

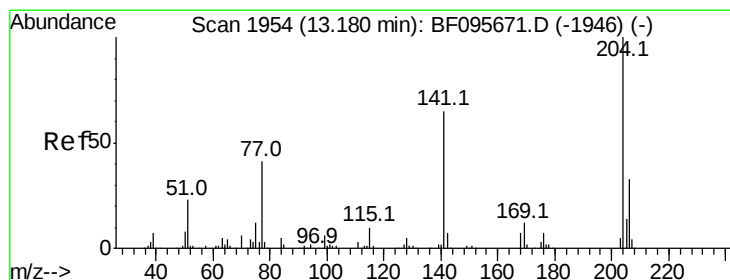
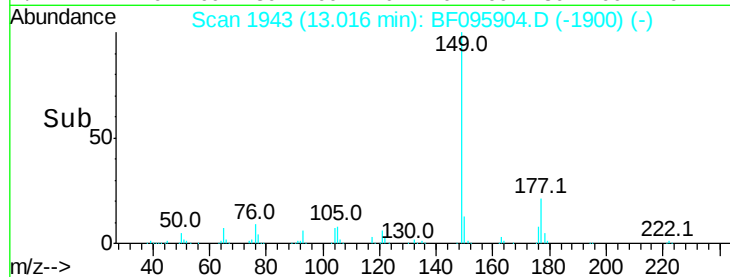
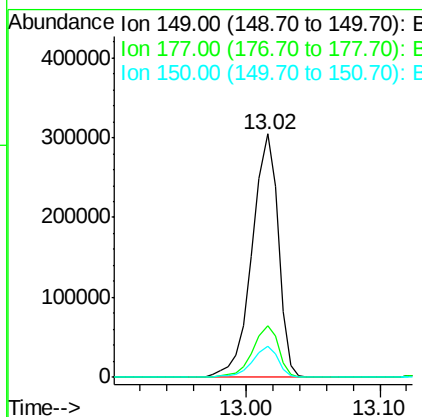
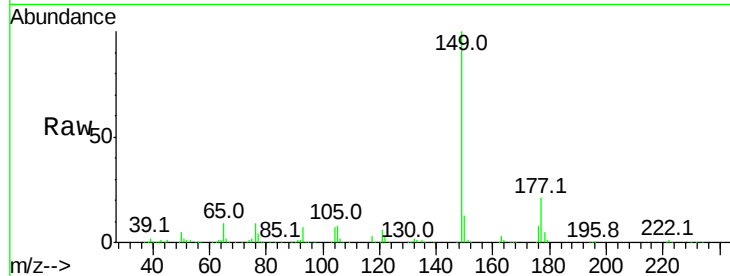




#59
Diethylphthalate
Concen: 42.55 ng
RT: 13.02 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

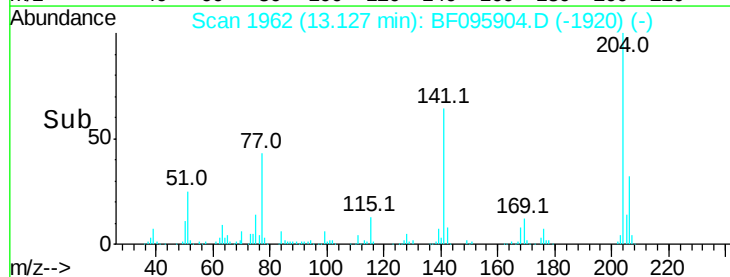
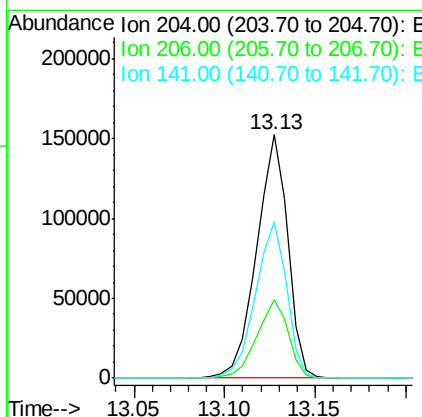
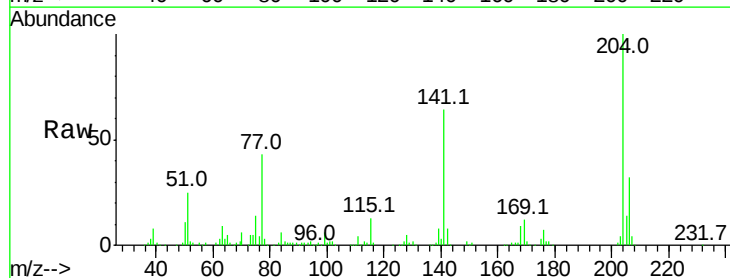
Instrument :
BNA_F
ClientSampleId :

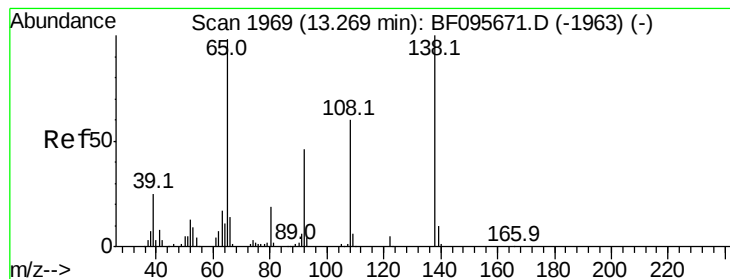
Tot Ion:149 Resp: 411860
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.53 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:204 Resp: 181846
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 64.4 60.8 91.2





#61

4-Nitroaniline

Concen: 36.97 ng

RT: 13.24 min Scan# 1981

Delta R.T. -0.03 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

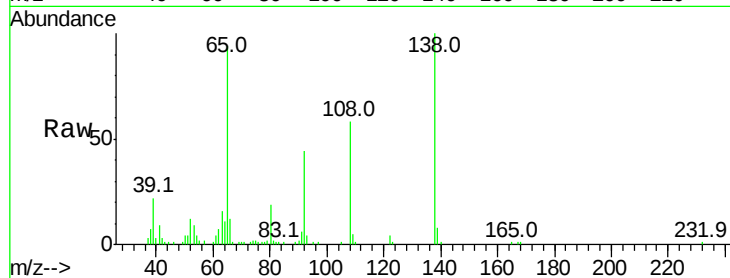
Tot Ion:138 Resp: 88233

Ion Ratio Lower Upper

138 100

92 44.2 21.8 61.8

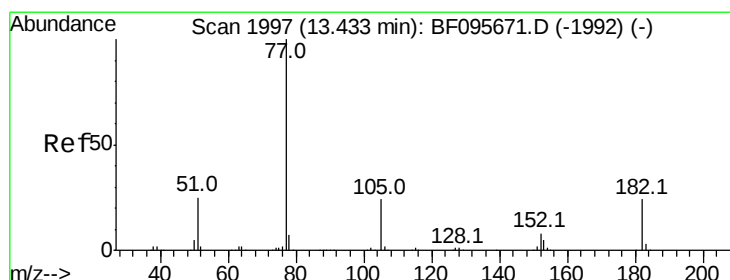
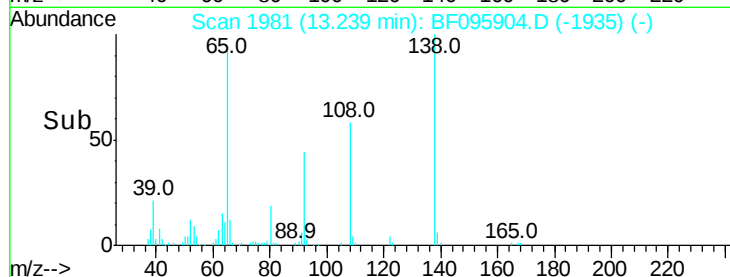
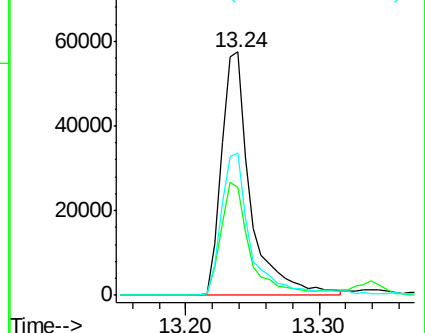
108 58.5 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.74 ng

RT: 13.39 min Scan# 2006

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion: 77 Resp: 374898

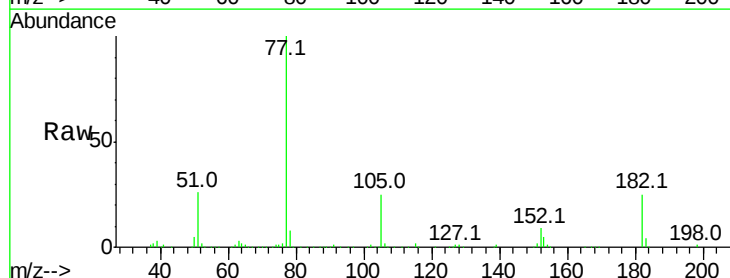
Ion Ratio Lower Upper

77 100

182 25.3 0.1 40.1

105 24.7 3.6 43.6

51 25.8 9.4 49.4

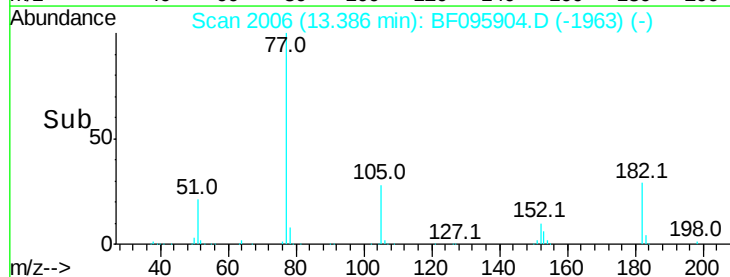
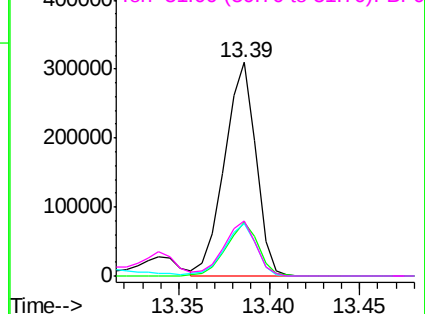


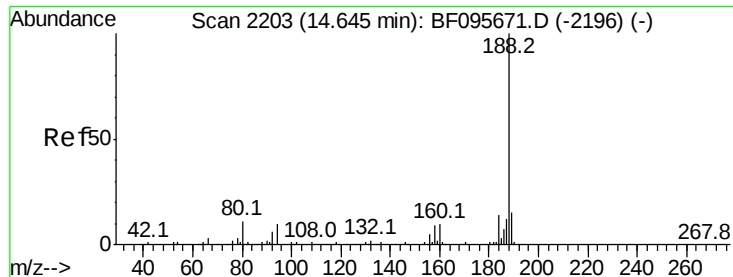
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

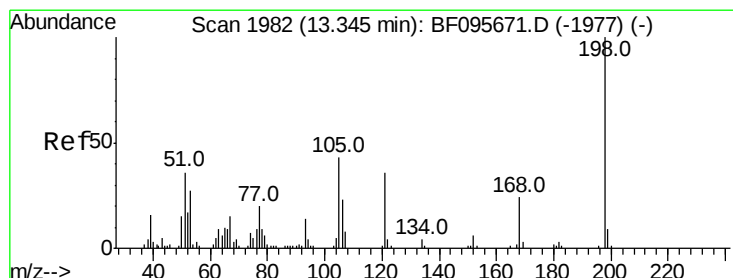
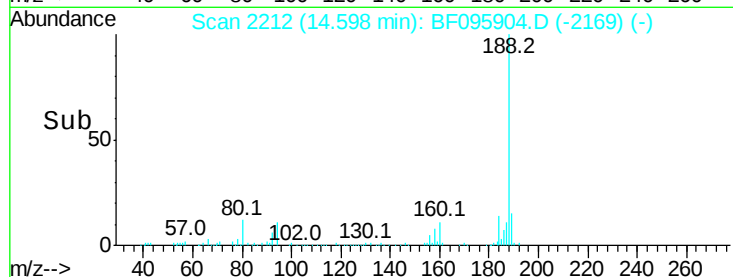
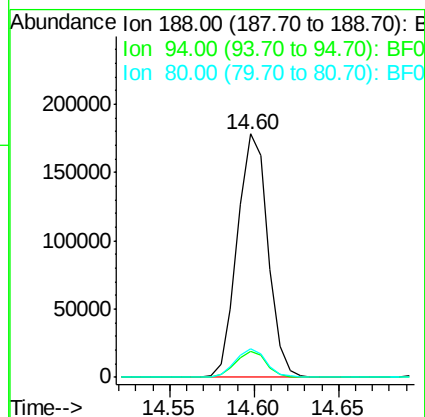
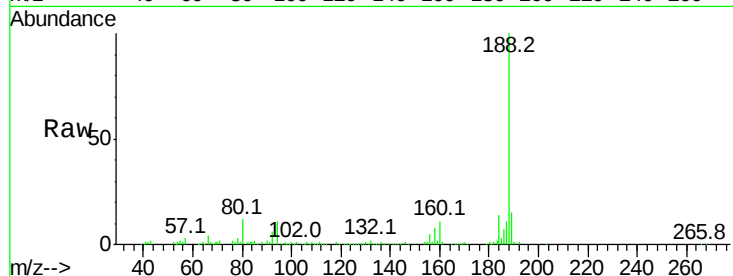




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

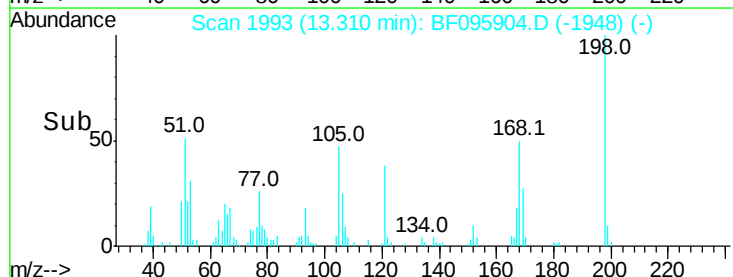
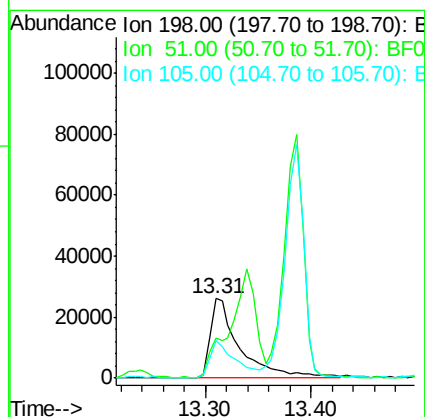
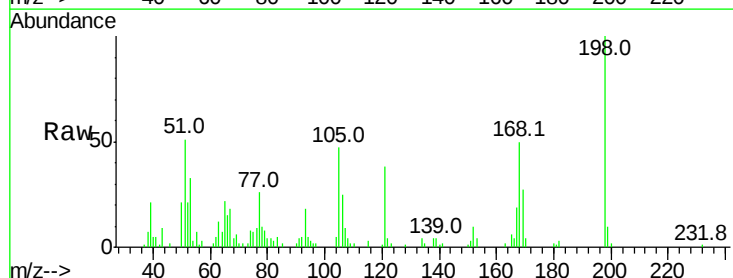
Instrument :
BNA_F
ClientSampleId :

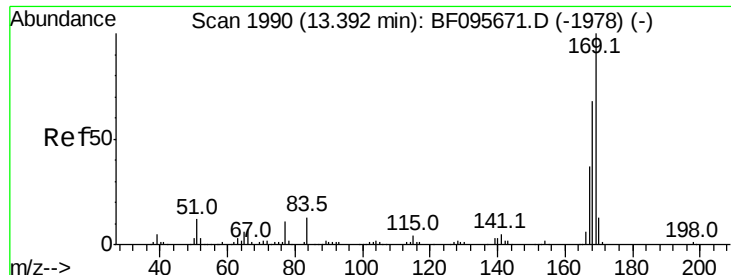
Tot Ion:188 Resp: 225325
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 34.82 ng
RT: 13.31 min Scan# 1993
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:198 Resp: 51576
Ion Ratio Lower Upper
198 100
51 50.8 53.2 93.2#
105 46.8 45.8 85.8

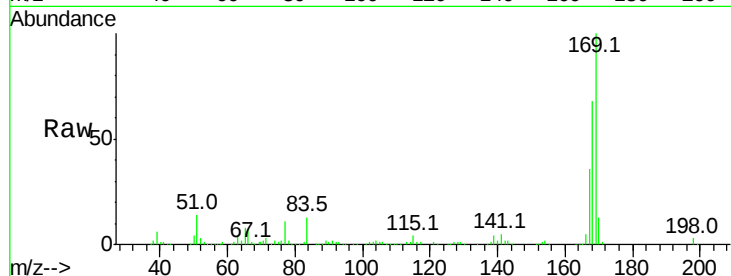




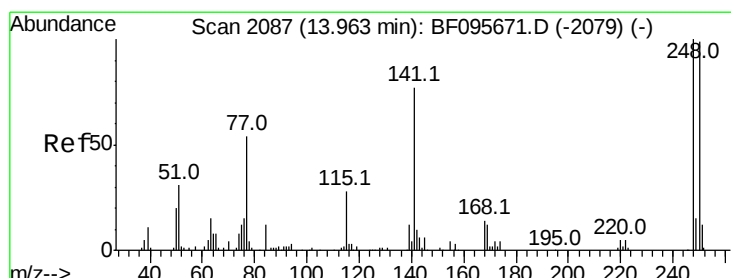
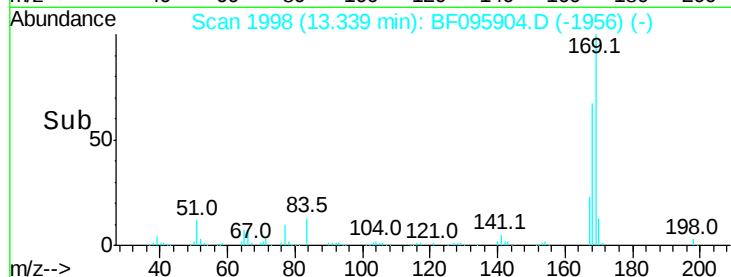
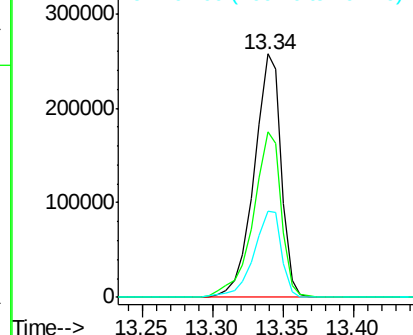
#65
n-Nitrosodiphenylamine
Concen: 42.84 ng
RT: 13.34 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 346853
Ion Ratio Lower Upper
169 100
168 67.8 53.2 79.8
167 35.5 29.5 44.3

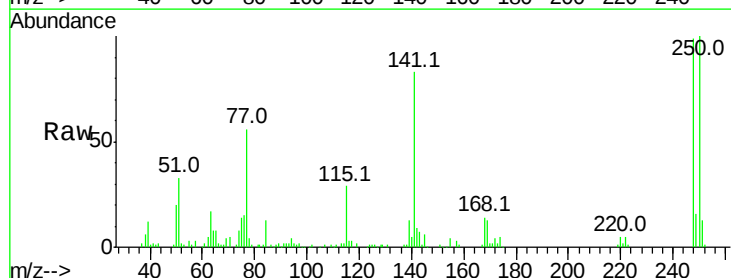


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

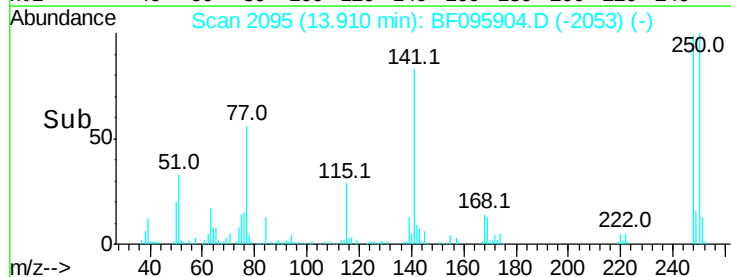
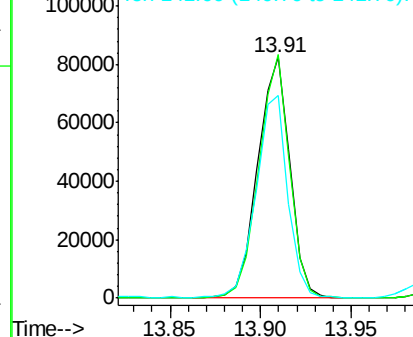


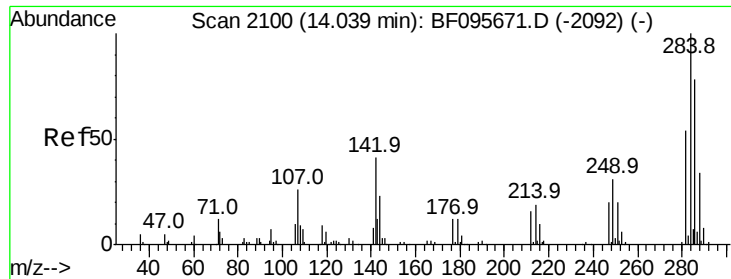
#66
4-Bromophenyl-phenylether
Concen: 43.24 ng
RT: 13.91 min Scan# 2095
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:248 Resp: 101268
Ion Ratio Lower Upper
248 100
250 101.1 76.8 115.2
141 83.9 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

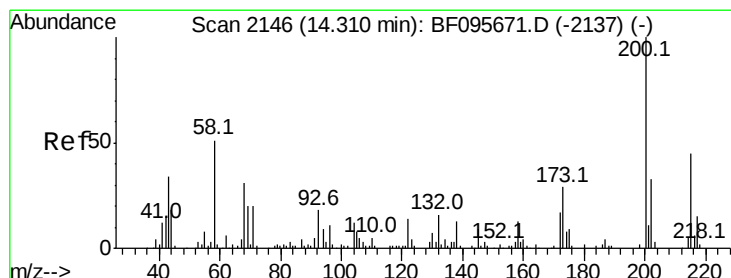
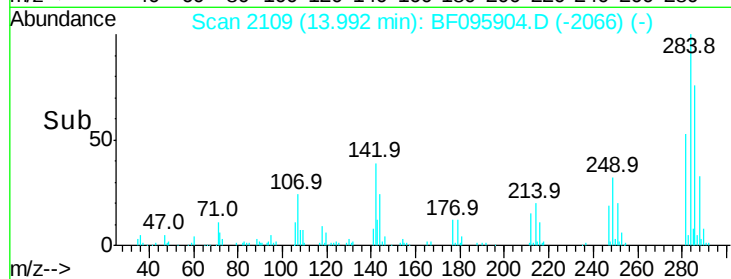
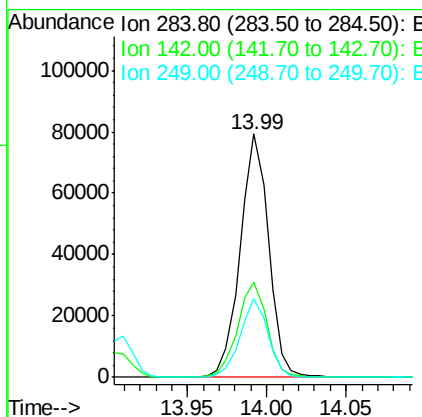
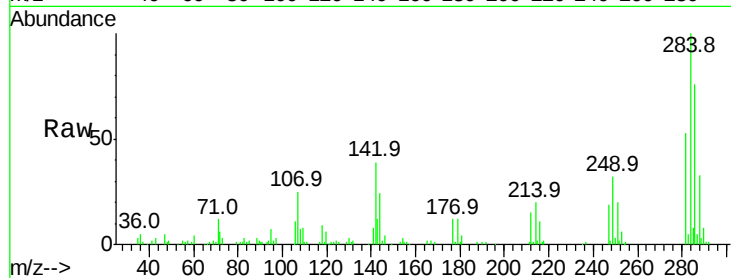




#67
Hexachlorobenzene
Concen: 42.67 ng
RT: 13.99 min Scan# 2109
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

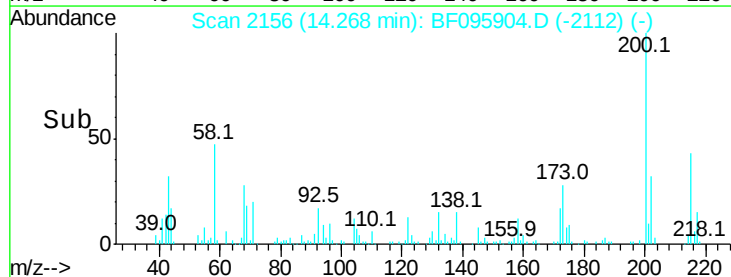
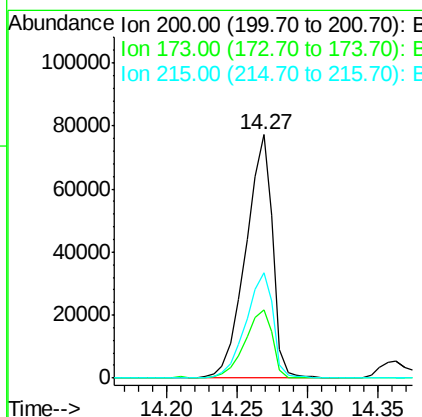
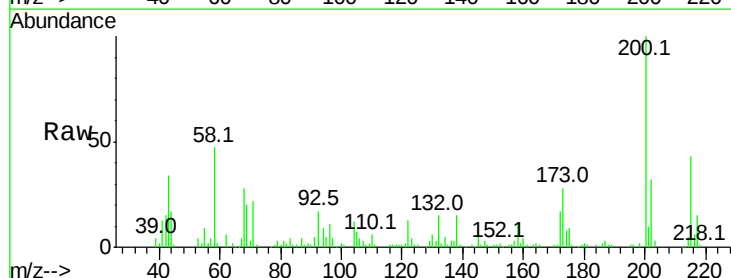
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 98456
Ion Ratio Lower Upper
284 100
142 38.9 22.8 34.2#
249 32.3 24.0 36.0



#68
Atrazine
Concen: 45.66 ng
RT: 14.27 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:200 Resp: 102895
Ion Ratio Lower Upper
200 100
173 27.8 6.3 46.3
215 43.2 27.2 67.2

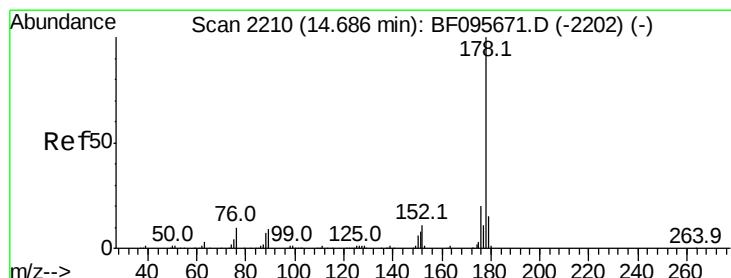
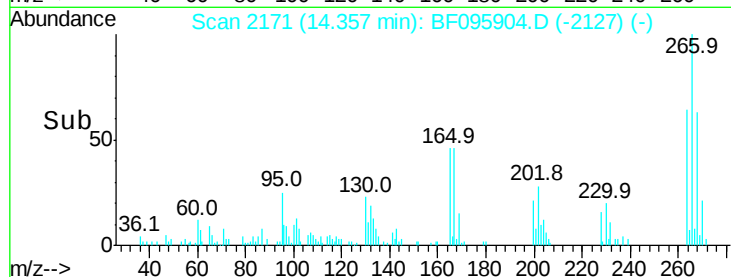
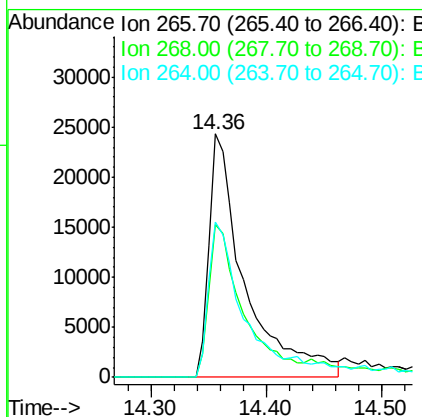
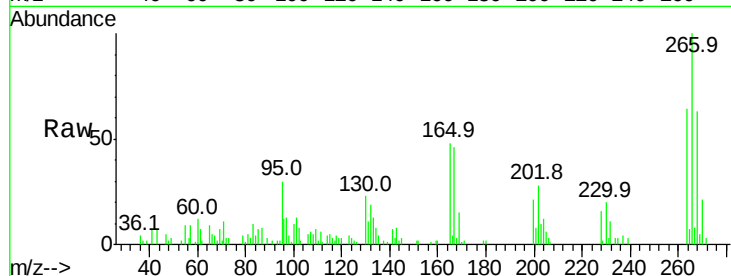




#69
 Pentachlorophenol
 Concen: 61.77 ng
 RT: 14.36 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

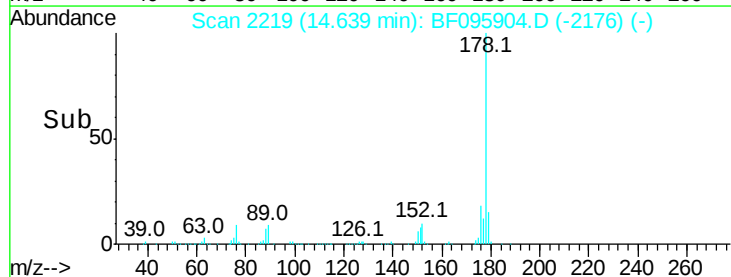
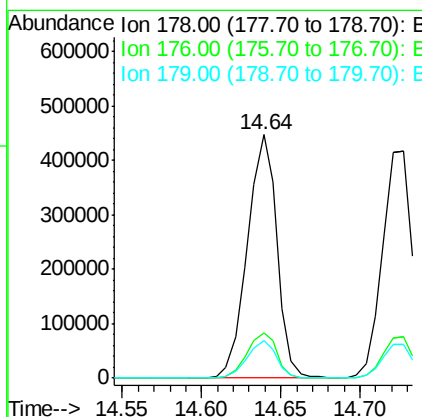
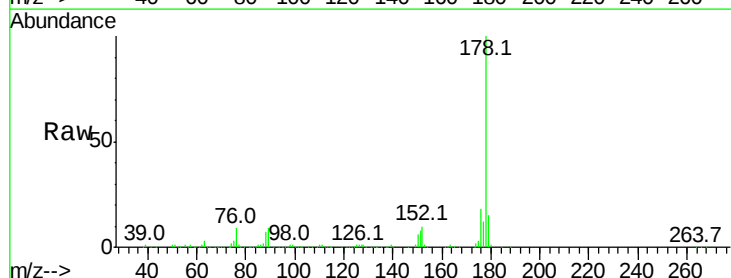
Instrument :
 BNA_F
 ClientSampleId :

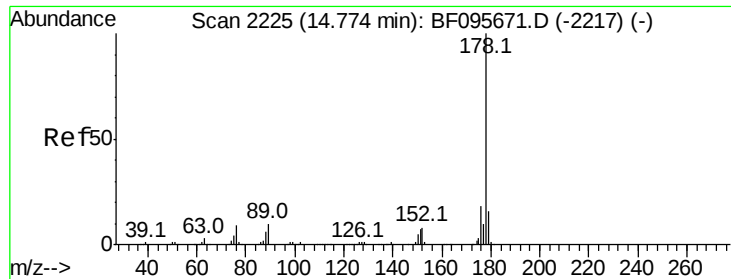
Tot Ion:266 Resp: 52613
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 63.7 51.7 77.5



#70
 Phenanthrene
 Concen: 44.62 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion:178 Resp: 580144
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.2 24.4
 179 15.3 12.6 19.0

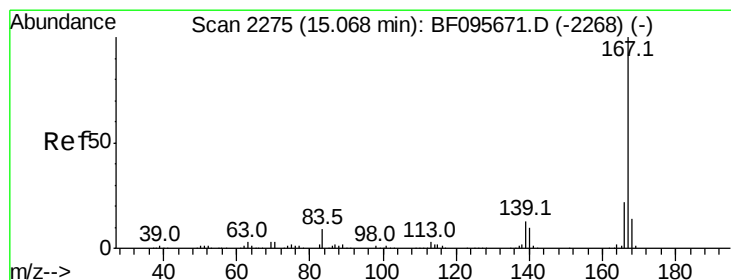
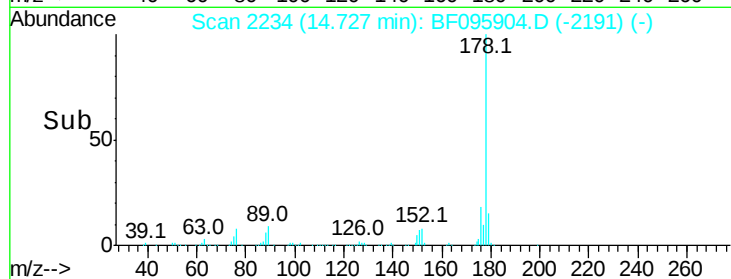
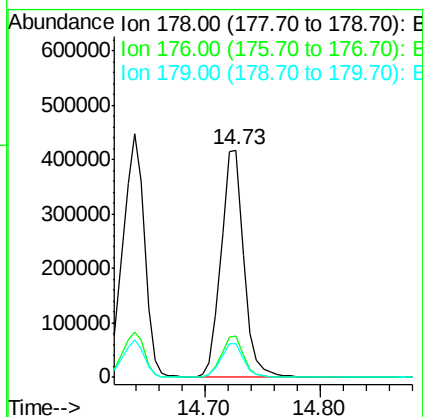
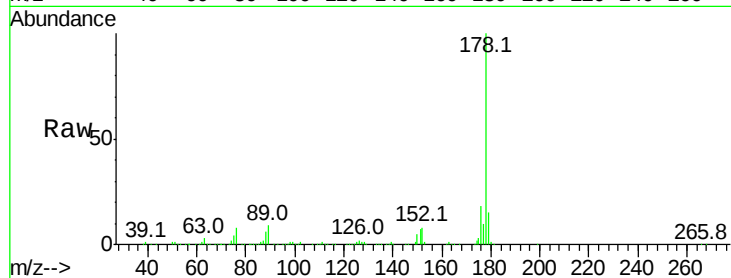




#71
 Anthracene
 Concen: 42.09 ng
 RT: 14.73 min Scan# 2234
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

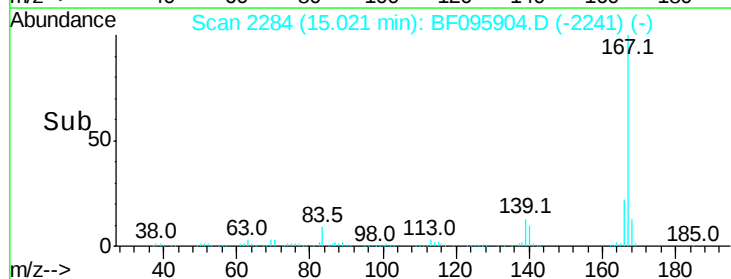
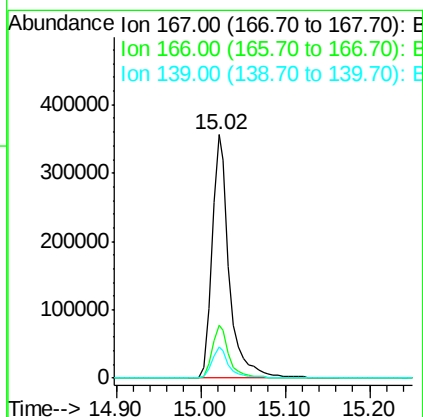
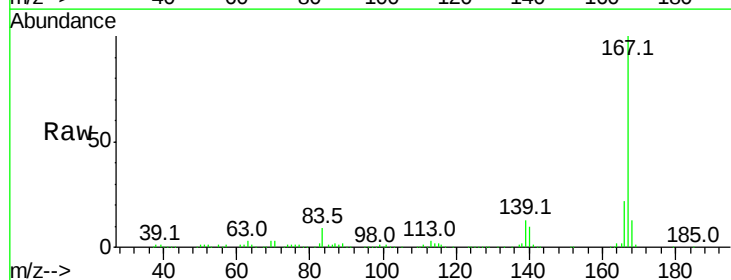
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 571244
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 14.6 12.7 19.1



#72
 Carbazole
 Concen: 38.86 ng
 RT: 15.02 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion:167 Resp: 514035
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.8 11.7 17.5

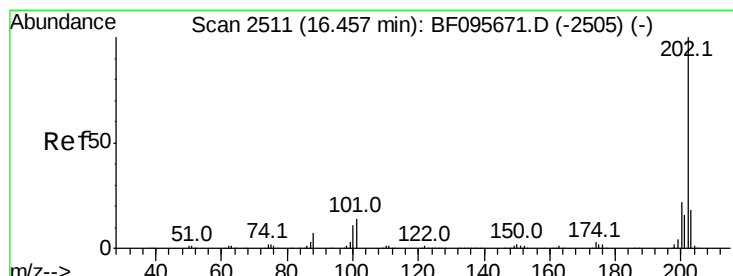
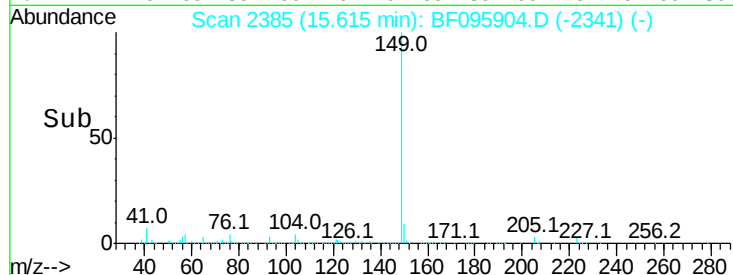
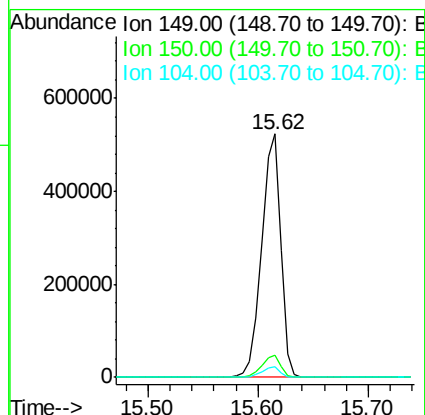
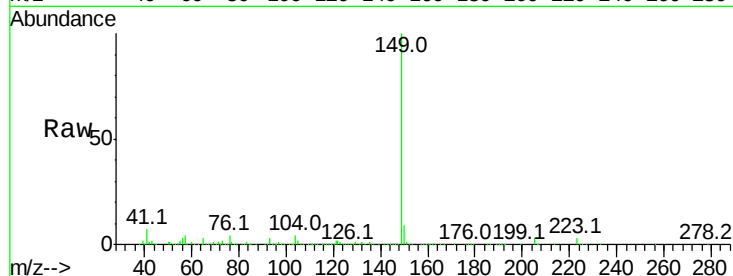




#73
Di-n-butylphthalate
Concen: 45.32 ng
RT: 15.62 min Scan# 2385
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

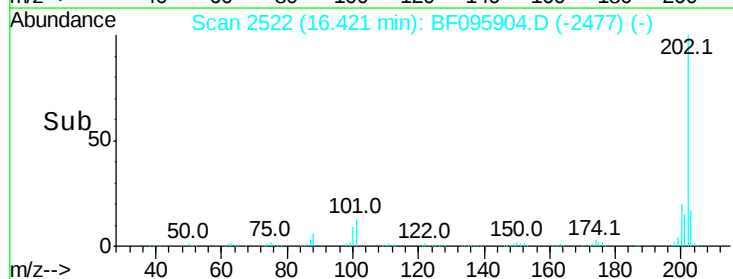
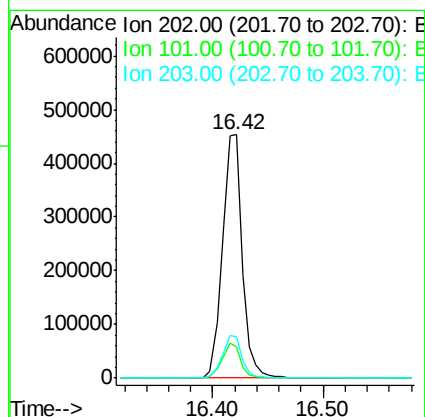
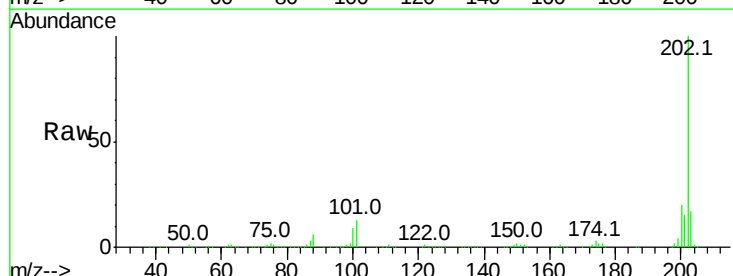
Instrument :
BNA_F
ClientSampleId :

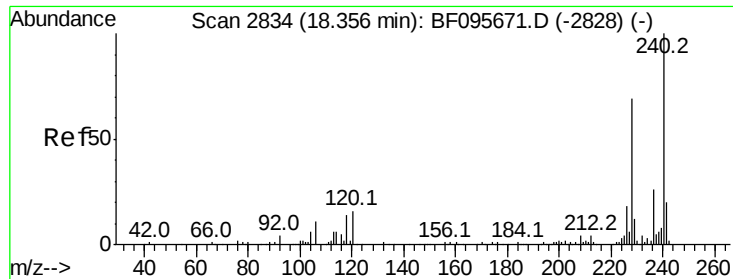
Tot Ion:149 Resp: 637754
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 44.23 ng
RT: 16.42 min Scan# 2522
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:202 Resp: 569097
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 16.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2844

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

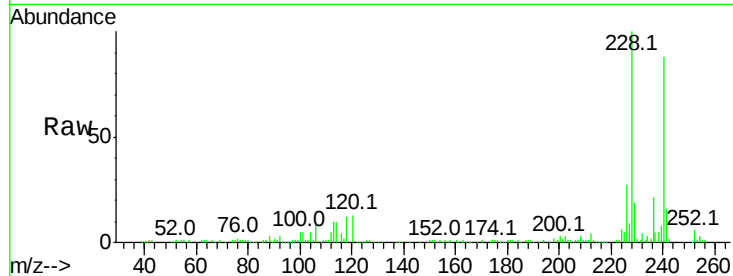
Tot Ion:240 Resp: 133120

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

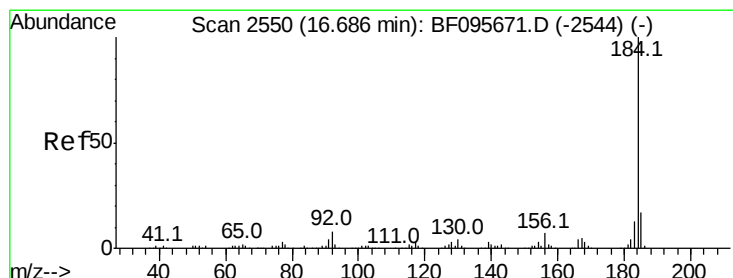
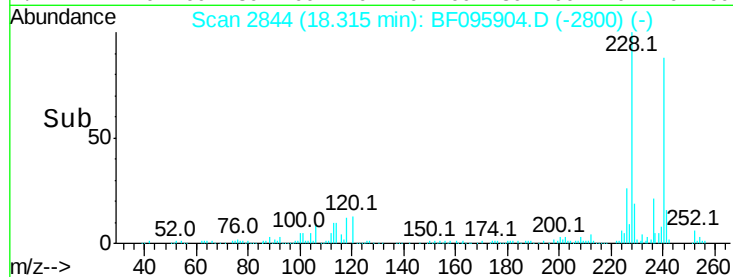
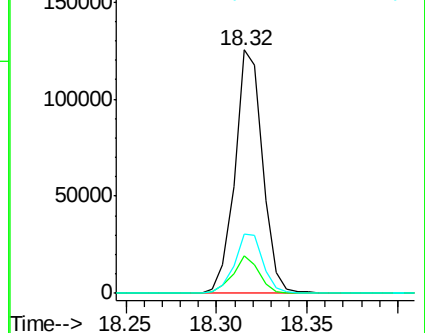
236 24.5 20.5 30.7



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: 33.80 ng

RT: 16.65 min Scan# 2561

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

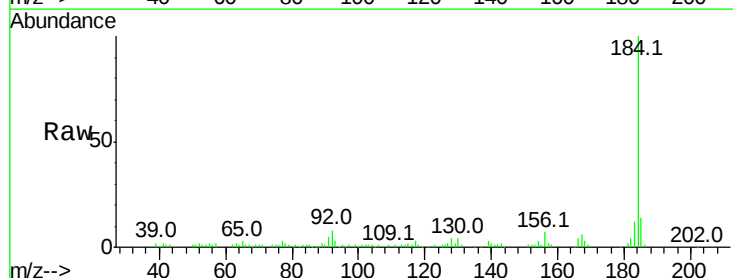
Tgt Ion:184 Resp: 172815

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

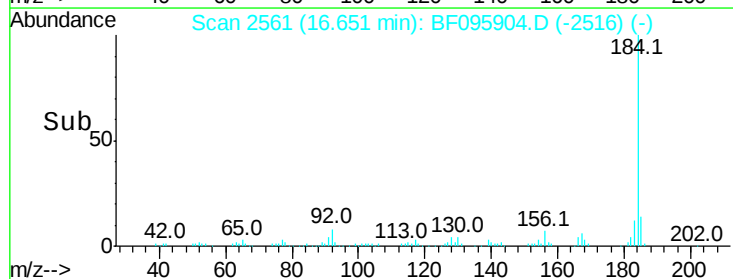
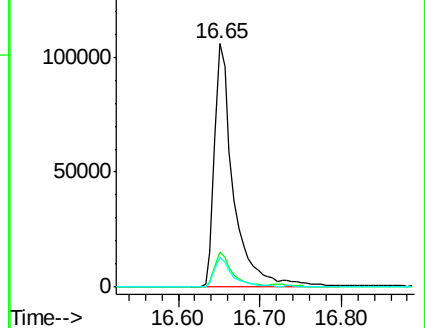
183 12.4 9.8 14.6

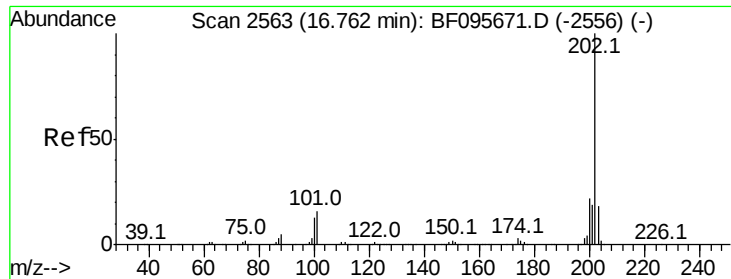


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

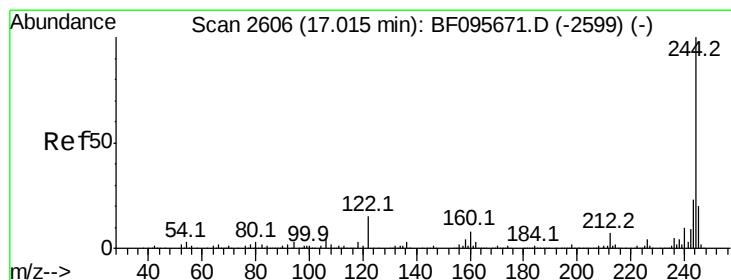
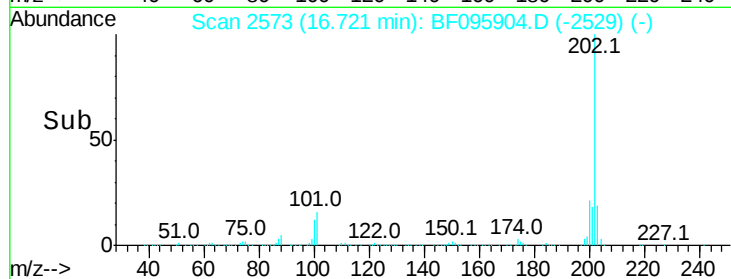
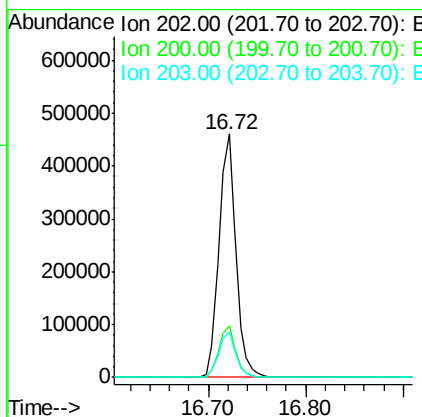
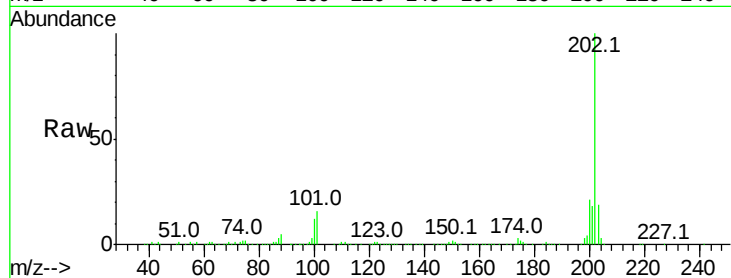




#77
Pvrene
Concen: 56.00 ng
RT: 16.72 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

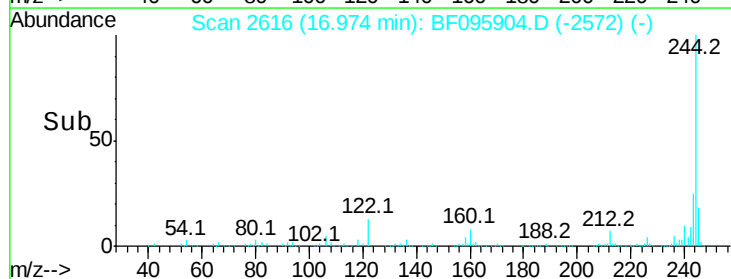
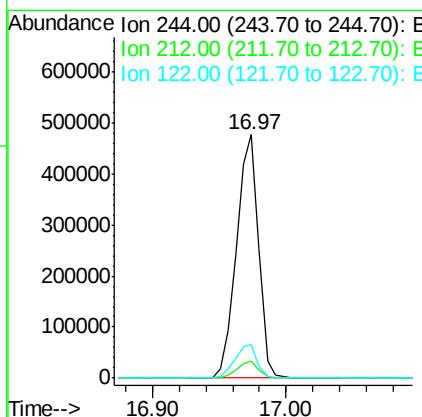
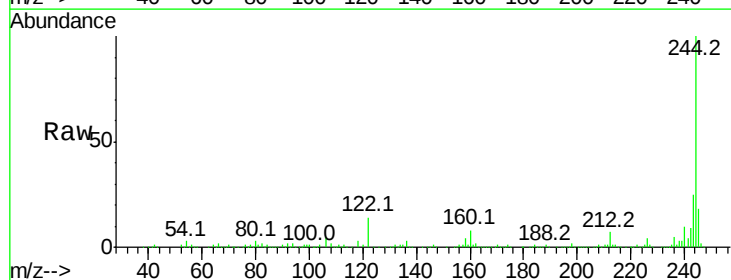
Instrument :
BNA_F
ClientSampleId :

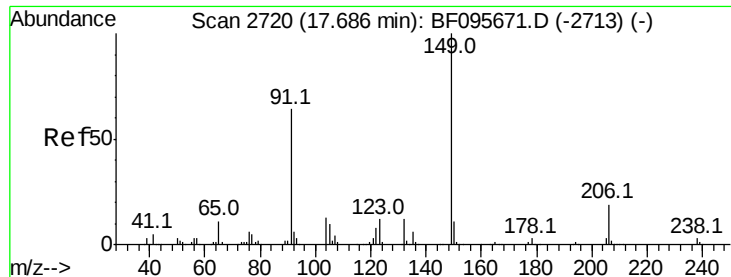
Tot Ion:202 Resp: 556209
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 18.8 14.4 21.6



#78
Terphenyl-d14
Concen: 102.01 ng
RT: 16.97 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:244 Resp: 547202
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.8 10.3 15.5

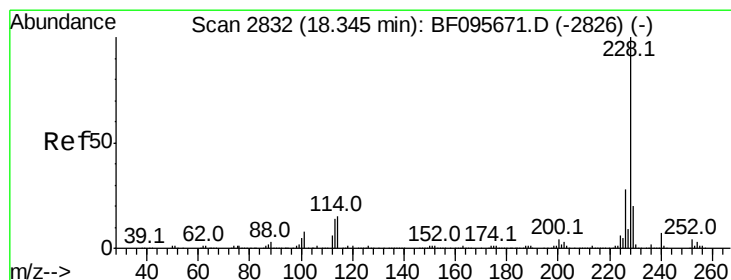
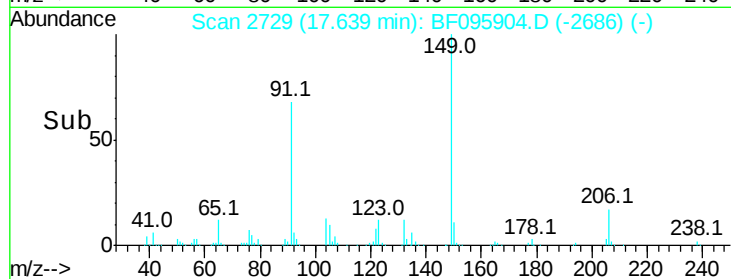
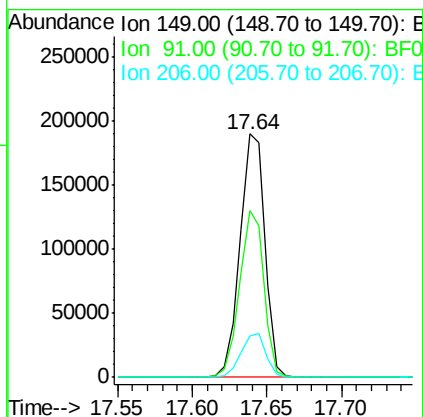
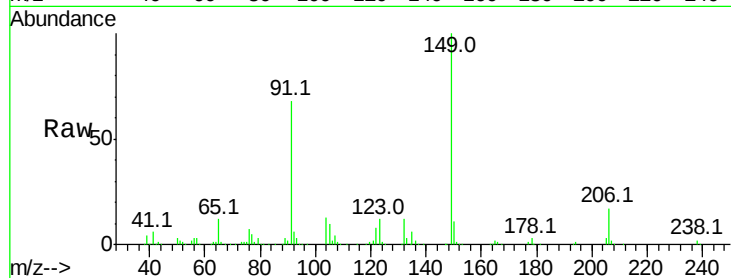




#79
Butylbenzylphthalate
Concen: 50.82 ng
RT: 17.64 min Scan# 2729
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

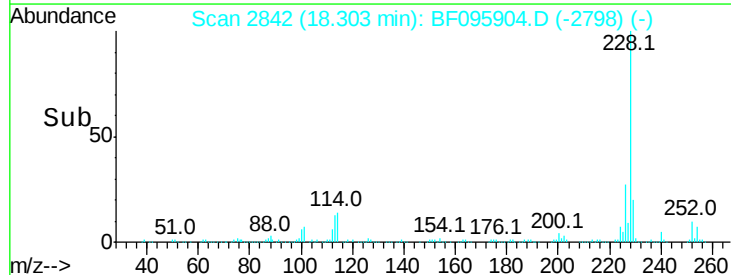
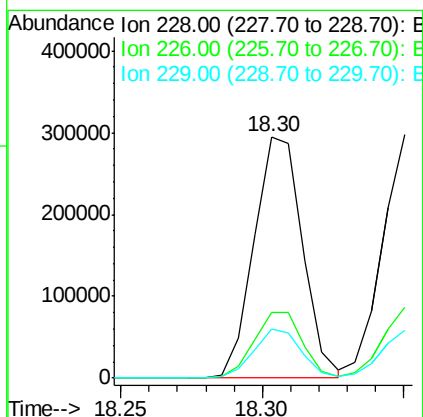
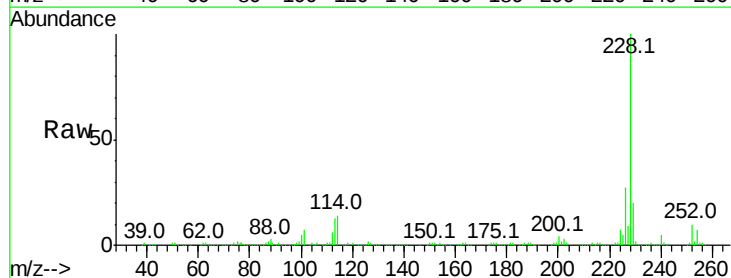
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 220454
Ion Ratio Lower Upper
149 100
91 68.4 45.0 67.4#
206 17.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.40 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:228 Resp: 351362
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.4 16.3 24.5

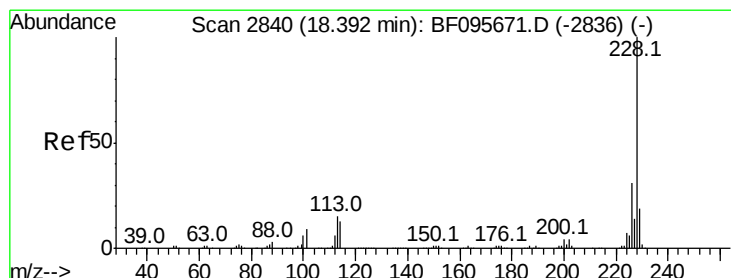
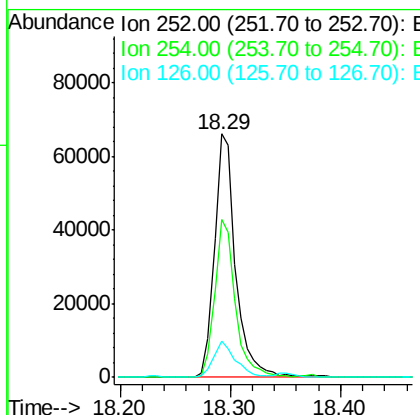
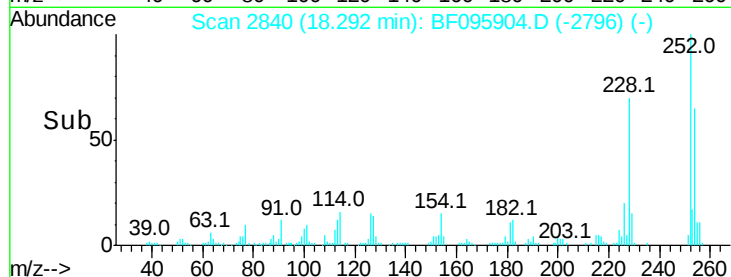
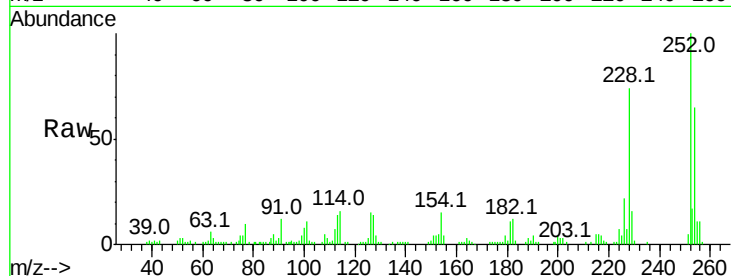




#81
 3,3'-Dichlorobenzidine
 Concen: 31.78 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

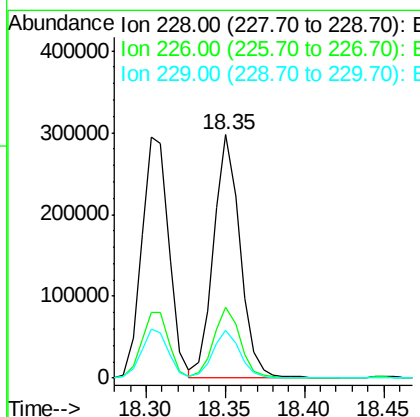
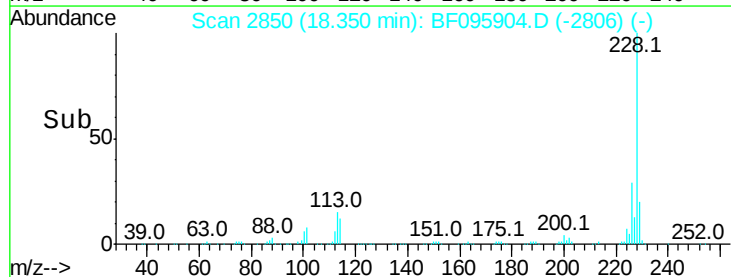
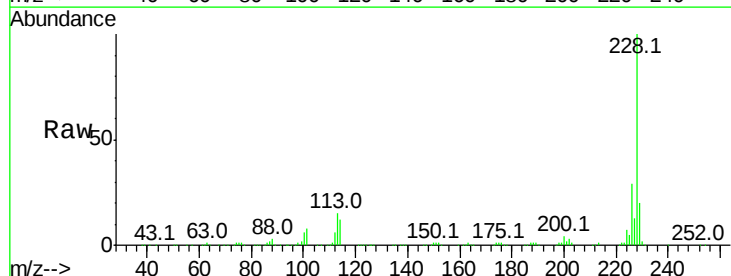
Instrument :
 BNA_F
 ClientSampleId :

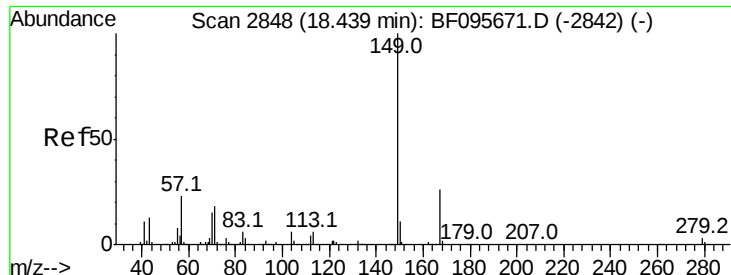
Tot Ion:252 Resp: 87457
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.5 77.3
 126 14.7 15.8 23.8#



#82
 Chrysene
 Concen: 44.34 ng
 RT: 18.35 min Scan# 2850
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion:228 Resp: 342961
 Ion Ratio Lower Upper
 228 100
 226 28.8 24.9 37.3
 229 19.6 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.73 ng

RT: 18.39 min Scan# 2857

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

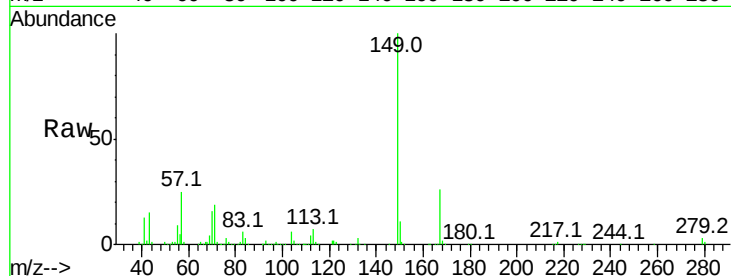
Tot Ion:149 Resp: 322678

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

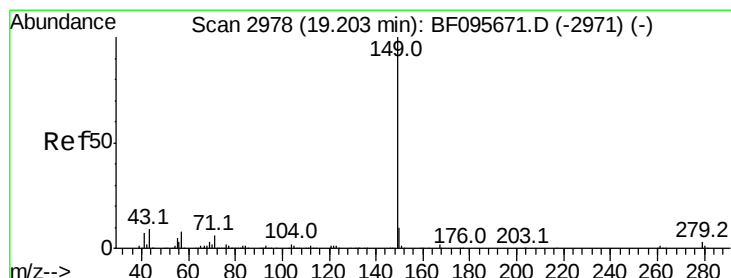
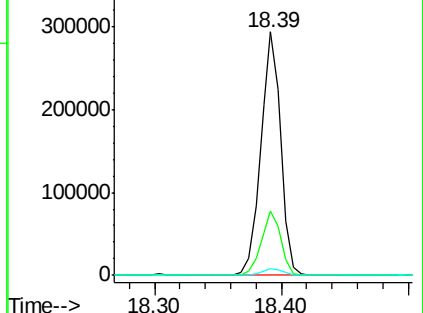
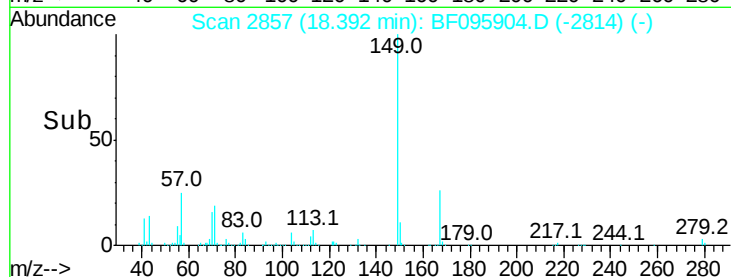
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.01 ng

RT: 19.16 min Scan# 2988

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

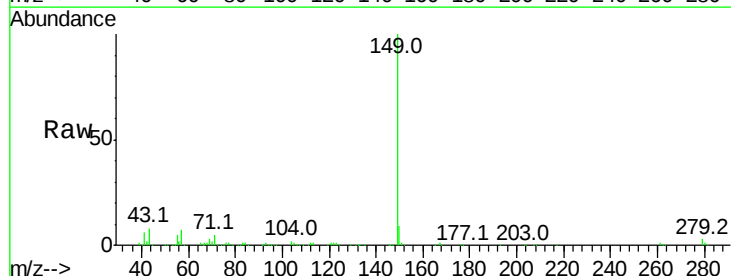
Tgt Ion:149 Resp: 453890

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

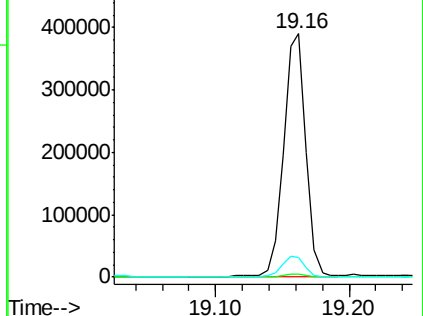
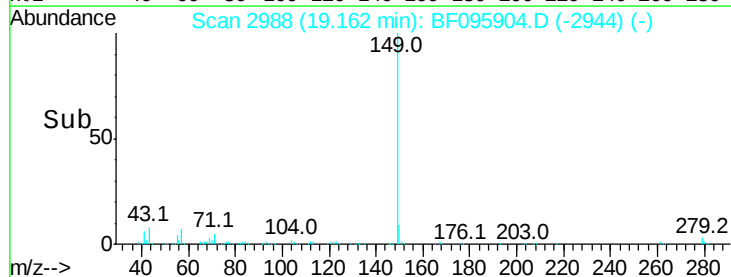
43 8.7 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

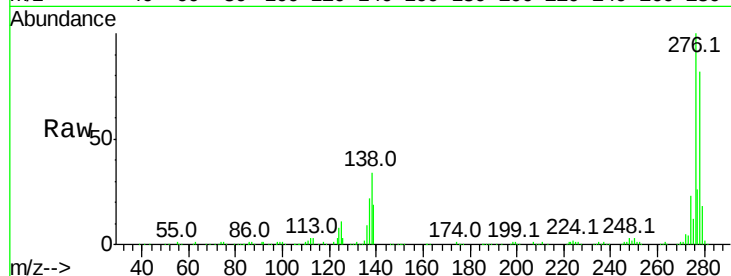




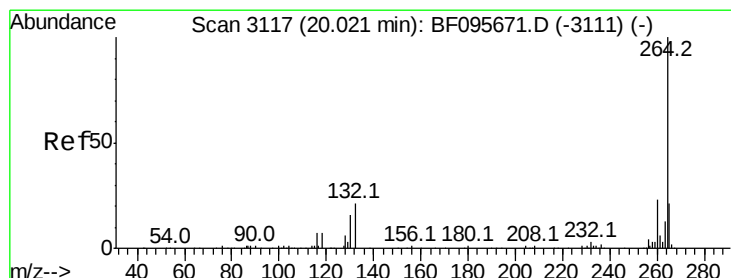
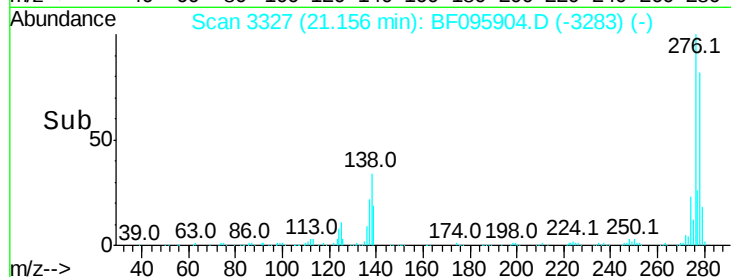
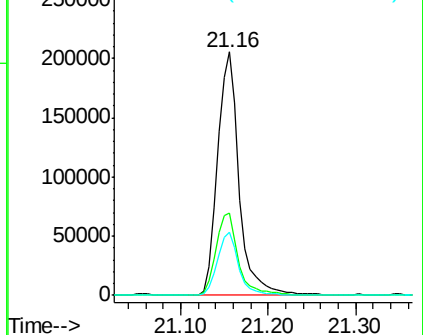
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.79 ng
 RT: 21.16 min Scan# 3327
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.8	41.6
277	25.8	20.2	30.4

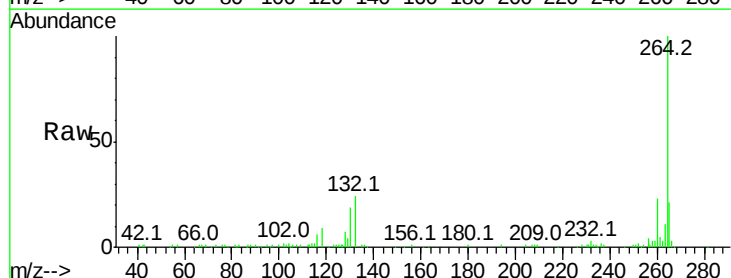


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

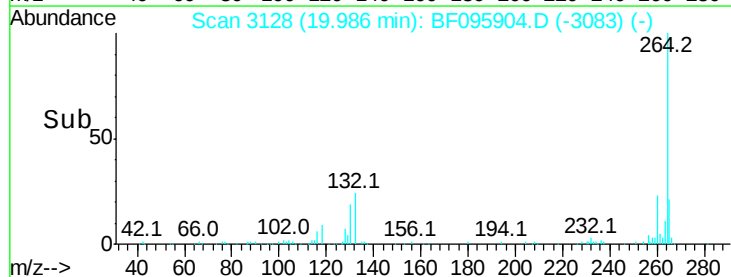
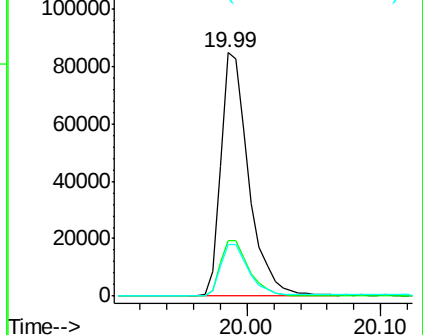


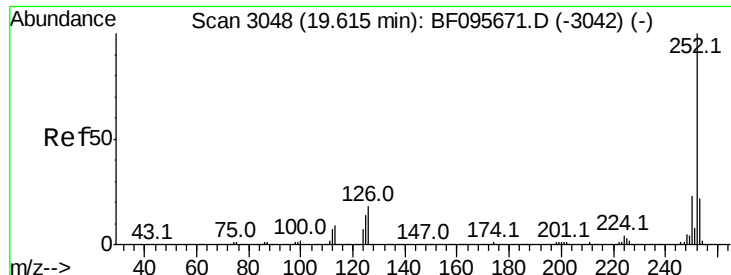
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

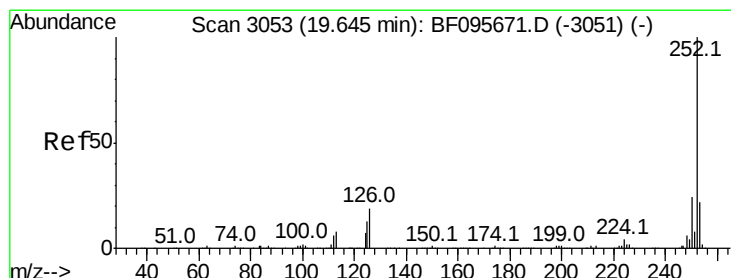
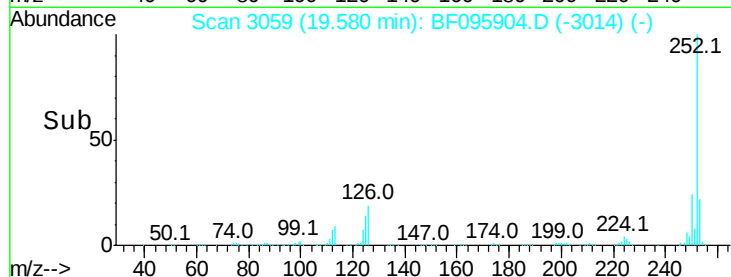
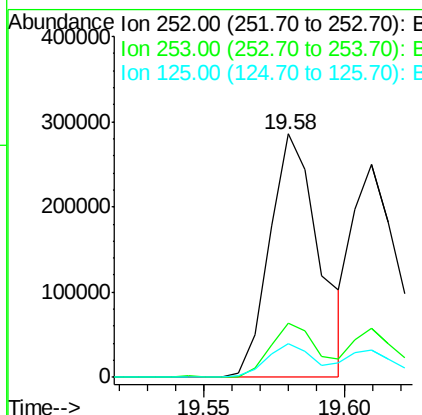
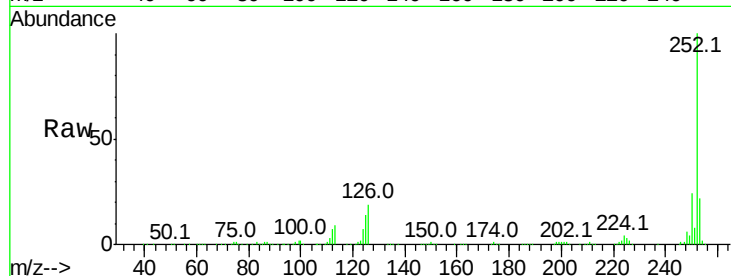




#87
Benzo(b)fluoranthene
Concen: 44.41 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

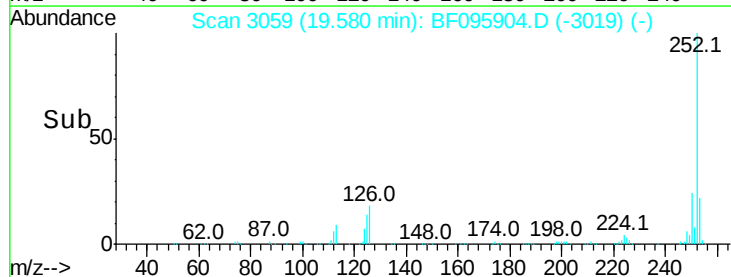
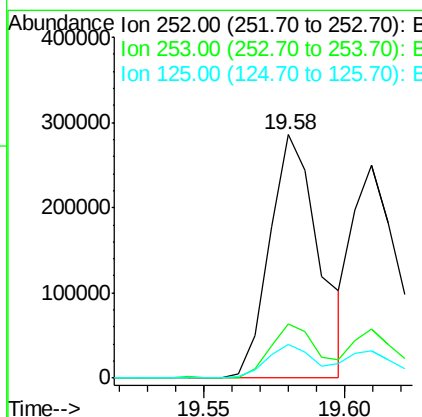
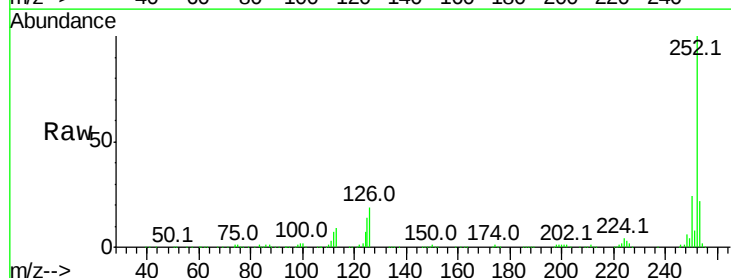
Instrument :
BNA_F
ClientSampleId :

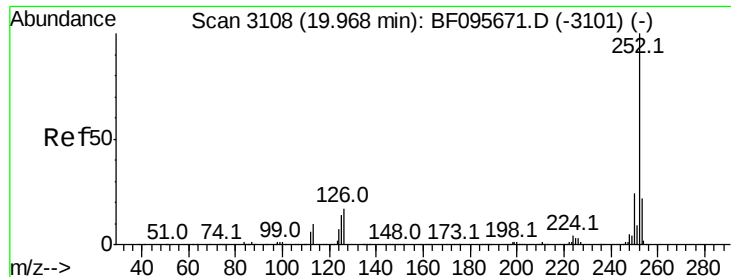
Tot Ion:252 Resp: 347629
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 14.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 46.46 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.06 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:252 Resp: 347629
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 14.0 13.1 19.7

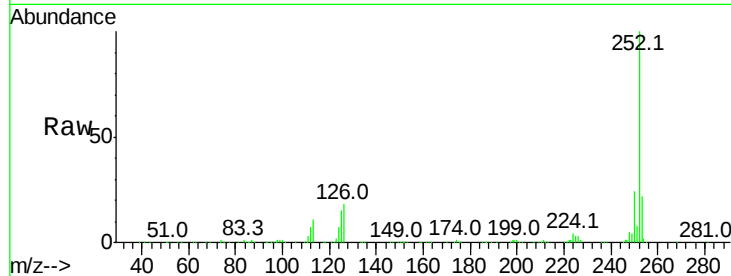




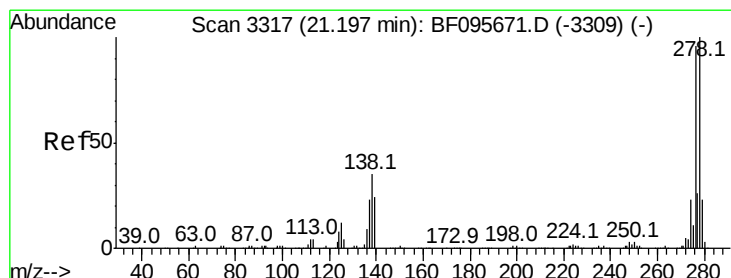
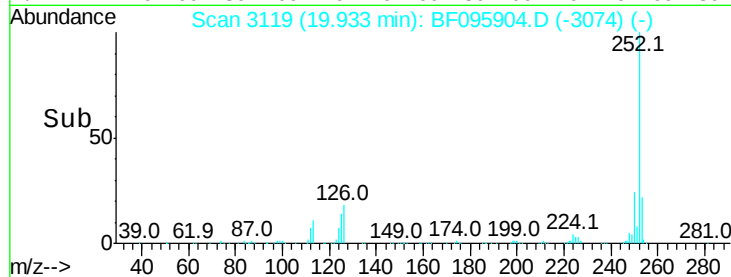
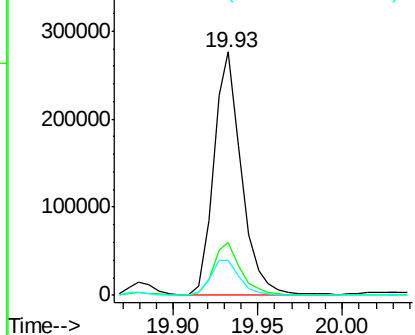
#89
Benzo(a)pyrene
Concen: 44.15 ng
RT: 19.93 min Scan# 3119
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.6	11.0	16.4

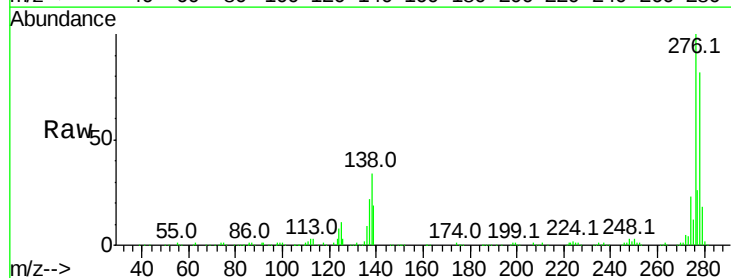


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

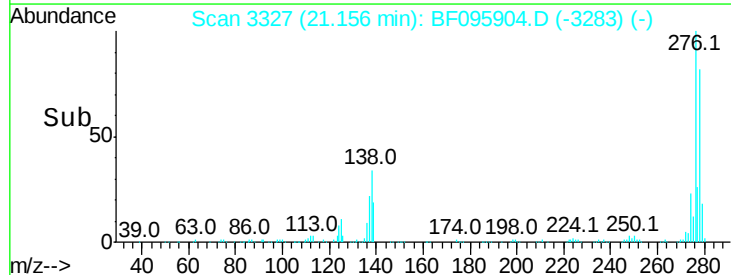
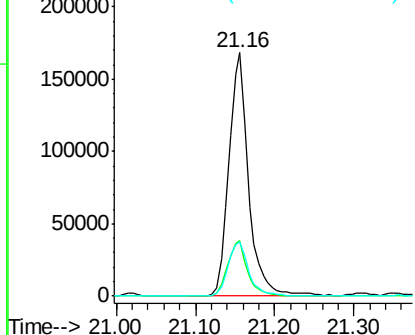


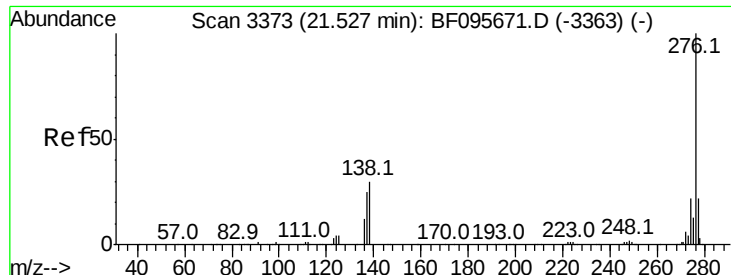
#90
Dibenzo(a,h)anthracene
Concen: 47.35 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	22.3	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: 49.20 ng

RT: 21.48 min Scan# 3382

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

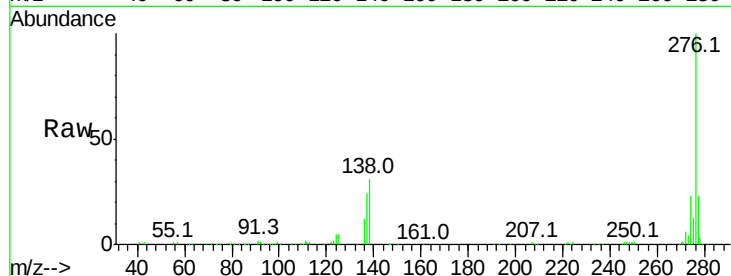
Tot Ion: 276 Resp: 306124

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 31.3 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

