

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095987.D
 Acq On : 17 Jun 2017 9:17
 Operator : SJ/MA
 Sample : I3688-13MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 01:08:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	62106	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	255932	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	111361	20.00	ng	0.00
63) Phenanthrene-d10	14.56	188	172464	20.00	ng	0.00
75) Chrysene-d12	18.29	240	121621	20.00	ng	-0.01
86) Perylene-d12	19.96	264	116278	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	559144	143.46	ng	0.00
7) Phenol-d6	6.90	99	672784	144.19	ng	0.00
23) Nitrobenzene-d5	8.25	82	407797	98.96	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	125113	126.98	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	748035	93.48	ng	0.00
78) Terphenyl-d14	16.94	244	462756	94.43	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.69	88	72512	39.11	ng	91
3) Pyridine	2.23	79	165393	37.95	ng	99
4) n-Nitrosodimethylamine	2.20	42	76799	46.36	ng	# 79
6) Aniline	6.83	93	200907	32.91	ng	93
8) 2-Chlorophenol	7.01	128	207929	50.17	ng	95
9) Benzaldehyde	6.65	77	58833	18.69	ng	92
10) Phenol	6.92	94	254959	52.67	ng	91
11) bis(2-Chloroethyl)ether	6.97	93	185480	48.37	ng	95
12) 1,3-Dichlorobenzene	7.22	146	215620	45.97	ng	97
13) 1,4-Dichlorobenzene	7.35	146	219836	46.21	ng	96
14) 1,2-Dichlorobenzene	7.58	146	209825	47.85	ng	95
15) Benzyl Alcohol	7.63	79	161201	50.33	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	253745	47.10	ng	97
17) 2-Methylphenol	7.87	107	168713	48.51	ng	97
18) Hexachloroethane	8.09	117	72003	45.83	ng	# 87
19) n-Nitroso-di-n-propylamine	8.06	70	140177	47.41	ng	93
20) 3+4-Methylphenols	8.14	107	214519	48.59	ng	# 58
22) Acetophenone	8.02	105	285070	47.59	ng	# 83
24) Nitrobenzene	8.27	77	199962	45.42	ng	90
25) Isophorone	8.67	82	352206	45.77	ng	98
26) 2-Nitrophenol	8.79	139	111668	48.44	ng	97
27) 2,4-Dimethylphenol	8.95	122	176456	49.33	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	232954	45.93	ng	99
29) 2,4-Dichlorophenol	9.23	162	159694	46.35	ng	99
30) 1,2,4-Trichlorobenzene	9.29	180	166212	46.36	ng	98
31) Naphthalene	9.39	128	597701	46.53	ng	99
32) Benzoic acid	9.39	122	3303	6.44	ng	# 1
33) 4-Chloroaniline	9.55	127	130043	25.90	ng	# 91
34) Hexachlorobutadiene	9.60	225	82153	44.35	ng	97
35) Caprolactam	10.17	113	31204	30.44	ng	87
36) 4-Chloro-3-methylphenol	10.43	107	175099	48.55	ng	90
37) 2-Methylnaphthalene	10.52	142	400596	46.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.79	216	152846	45.86	ng	99
40) Hexachlorocyclopentadiene	10.76	237	22292	29.58	ng	97

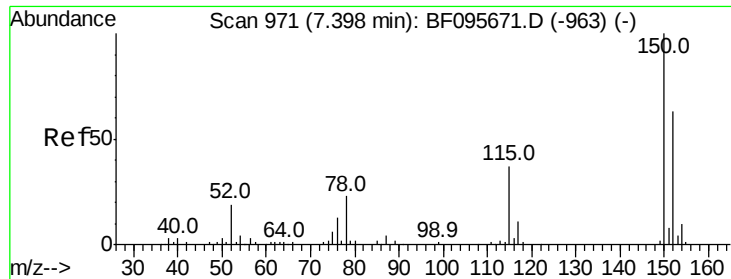
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	104128	48.59	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	98123	43.05	nq	95
45) 1,1'-Biphenyl	11.28	154	434357	47.32	nq	98
46) 2-Chloronaphthalene	11.29	162	332641	46.38	nq	94
47) 2-Nitroaniline	11.52	65	97621	46.52	nq	# 82
48) Acenaphthylene	11.94	152	514620	41.97	nq	100
49) Dimethylphthalate	11.84	163	487560	57.66	nq	98
50) 2,6-Dinitrotoluene	11.94	165	82891	44.95	nq	# 75
51) Acenaphthene	12.23	154	318192	44.93	nq	99
52) 3-Nitroaniline	12.20	138	68947	32.09	nq	99
53) 2,4-Dinitrophenol	12.45	184	23038	26.75	nq	# 74
54) Dibenzofuran	12.52	168	480856	48.24	nq	98
55) 4-Nitrophenol	12.64	139	87201	70.11	nq	# 76
56) 2,4-Dinitrotoluene	12.61	165	114168	45.83	nq	# 90
57) Fluorene	13.07	166	373537	43.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	69455	44.54	nq	# 97
59) Diethylphthalate	12.98	149	379387	46.62	nq	99
60) 4-Chlorophenyl-phenylether	13.09	204	167985	44.53	nq	90
61) 4-Nitroaniline	13.20	138	77048	38.40	nq	96
62) Azobenzene	13.35	77	343810	46.62	nq	94
64) 4,6-Dinitro-2-methylphenol	13.29	198	29323	25.87	nq	# 58
65) n-Nitrosodiphenylamine	13.31	169	316336	51.05	nq	98
66) 4-Bromophenyl-phenylether	13.87	248	90818	50.67	nq	95
67) Hexachlorobenzene	13.96	284	85421	48.36	nq	# 87
68) Atrazine	14.23	200	91449	53.02	nq	95
69) Pentachlorophenol	14.33	266	42563	64.91	nq	98
70) Phenanthrene	14.60	178	570983	57.38	nq	98
71) Anthracene	14.69	178	493869	47.54	nq	97
72) Carbazole	14.99	167	431758	42.65	nq	98
73) Di-n-butylphthalate	15.58	149	551116	51.17	nq	98
74) Fluoranthene	16.39	202	542913	55.12	nq	98
76) Benzidine	16.62	184	156327	33.47	nq	# 91
77) Pyrene	16.69	202	530529	58.46	nq	99
79) Butylbenzylphthalate	17.61	149	183698	46.35	nq	# 84
80) Benzo(a)anthracene	18.28	228	373629	52.84	nq	98
81) 3,3'-Dichlorobenzidine	18.26	252	110027	43.77	nq	# 95
82) Chrysene	18.32	228	367275	51.97	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	248578	44.46	nq	# 99
84) Di-n-octyl phthalate	19.13	149	421152	45.72	nq	96
85) Indeno(1,2,3-cd)pyrene	21.11	276	295803	48.92	nq	98
87) Benzo(b)fluoranthene	19.55	252	402939	55.34	nq	98
88) Benzo(k)fluoranthene	19.58	252	322870	46.39	nq	96
89) Benzo(a)pyrene	19.90	252	349395	52.21	nq	99
90) Dibenzo(a,h)anthracene	21.11	278	243803	42.95	nq	98
91) Benzo(g,h,i)perylene	21.44	276	243442	42.07	nq	98

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

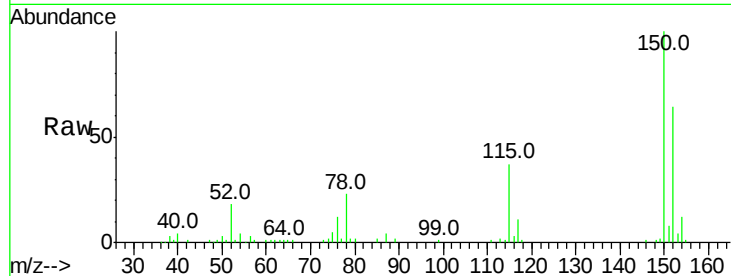


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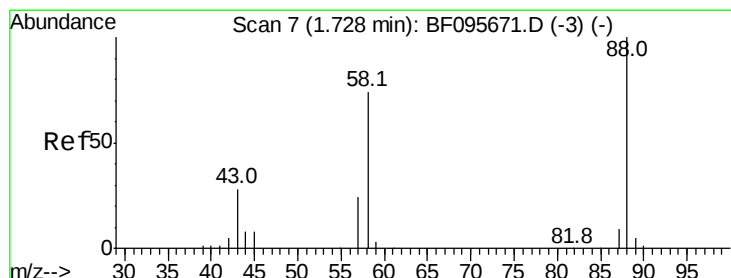
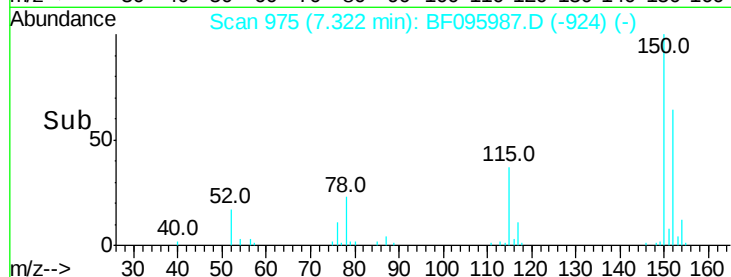
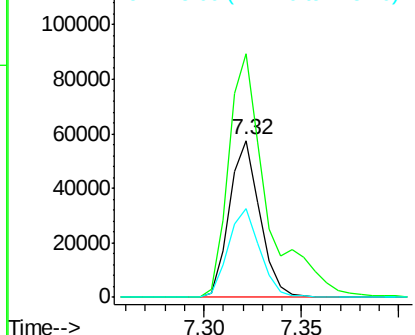
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 62106
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 56.8 52.2 78.2



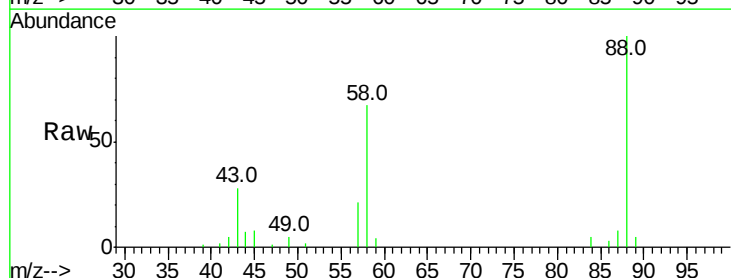
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



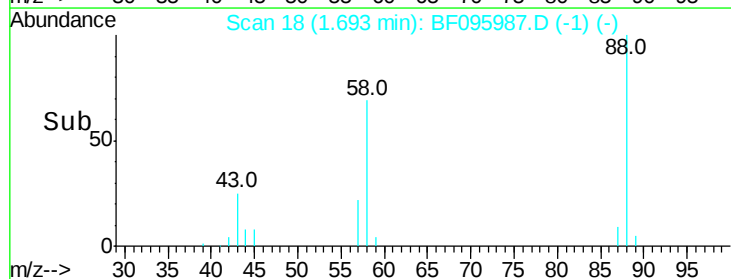
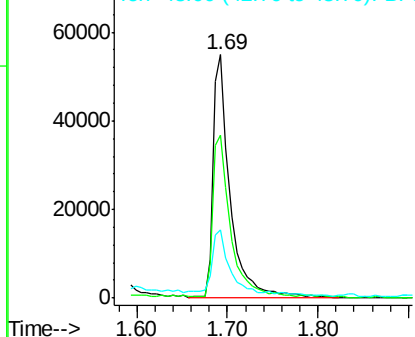
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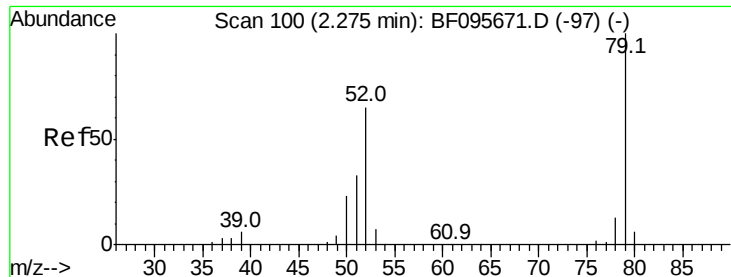
1,4-Dioxane
Concen: 39.11 ng
RT: 1.69 min Scan# 18
Delta R.T. 0.06 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion: 88 Resp: 72512
Ion Ratio Lower Upper
88 100
58 67.0 61.4 92.0
43 30.7 23.4 35.0



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





#3

Pvridine

Concen: 37.95 ng

RT: 2.23 min Scan# 110

Delta R.T. 0.06 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampled :

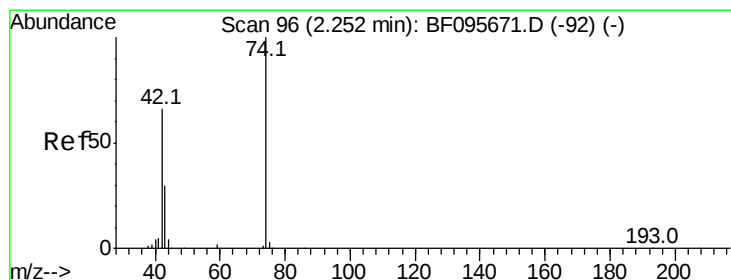
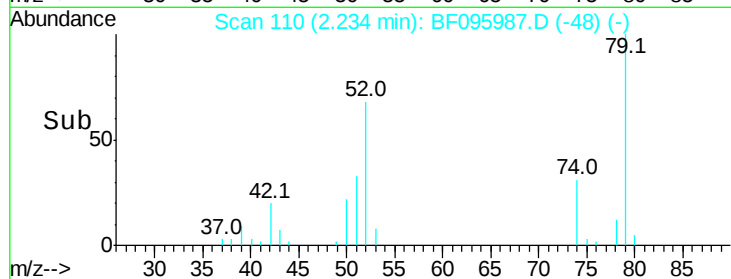
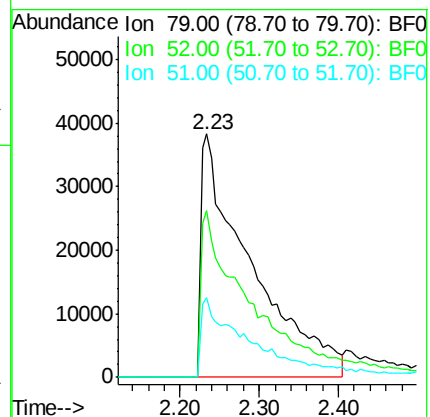
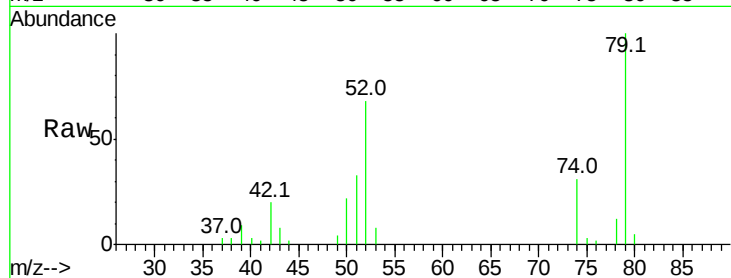
Tot Ion: 79 Resp: 165393

Ion Ratio Lower Upper

79 100

52 68.4 54.8 82.2

51 32.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 46.36 ng

RT: 2.20 min Scan# 105

Delta R.T. 0.05 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

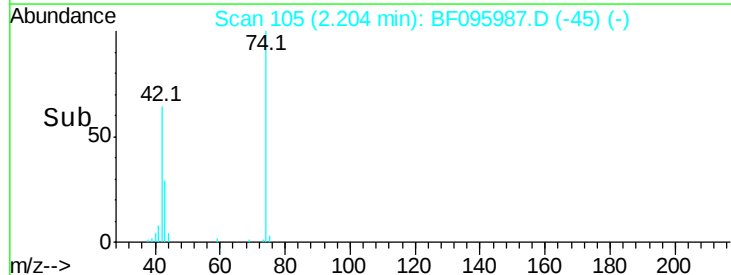
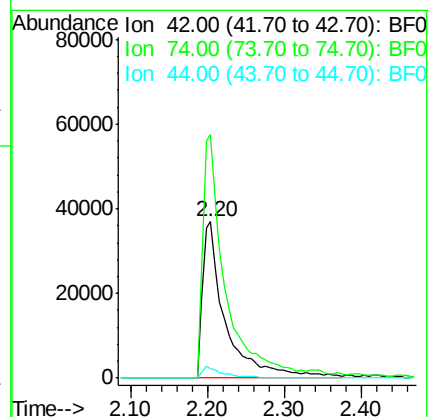
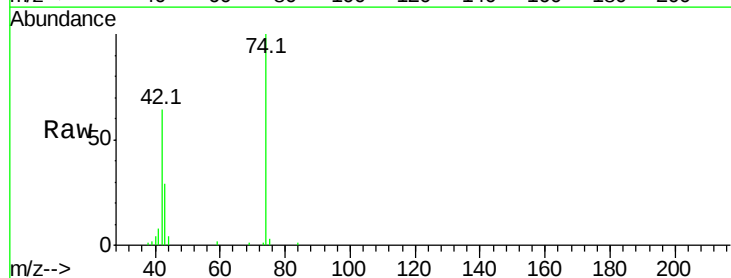
Tgt Ion: 42 Resp: 76799

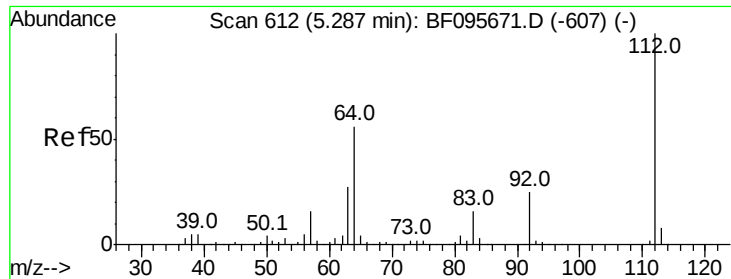
Ion Ratio Lower Upper

42 100

74 155.9 103.9 155.9#

44 6.3 5.7 8.5





#5

2-Fluorophenol

Concen: 143.46 ng

RT: 5.22 min Scan# 618

Delta R.T. 0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

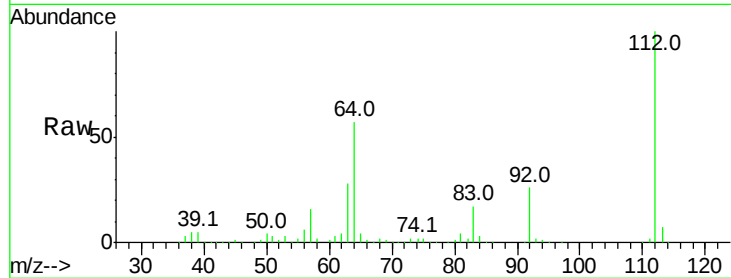
Tot Ion: 112 Resp: 559144

Ion Ratio Lower Upper

112 100

64 56.5 46.0 69.0

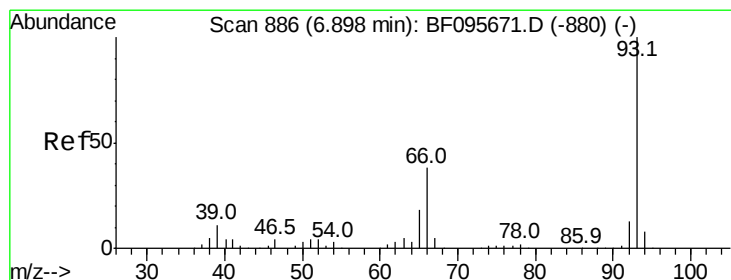
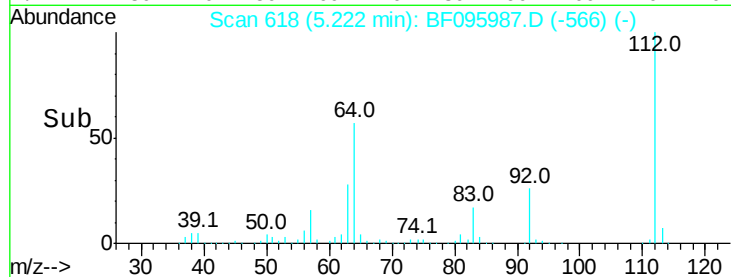
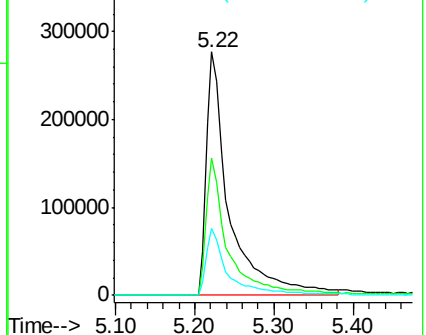
63 27.6 23.4 35.0



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: 32.91 ng

RT: 6.83 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

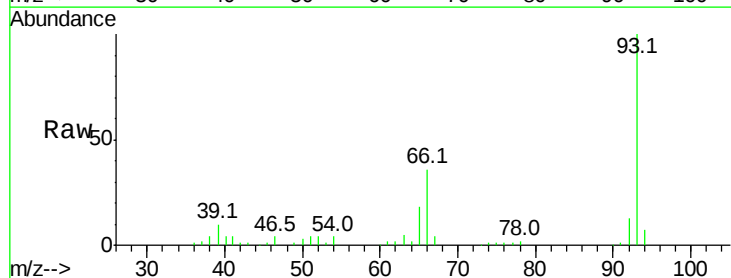
Tgt Ion: 93 Resp: 200907

Ion Ratio Lower Upper

93 100

66 36.4 32.9 49.3

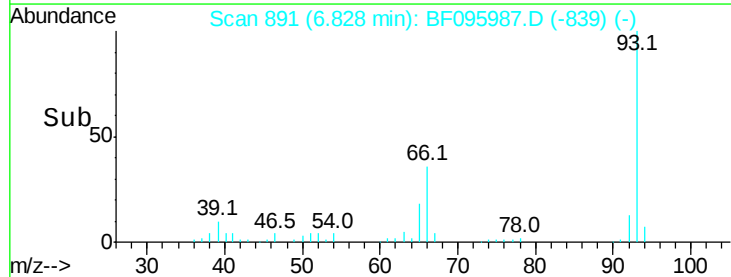
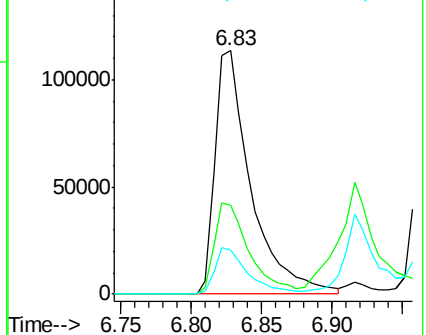
65 17.8 16.0 24.0



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: 144.19 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampled :

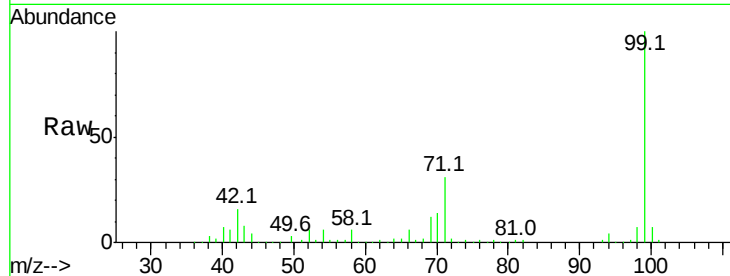
Tot Ion: 99 Resp: 672784

Ion Ratio Lower Upper

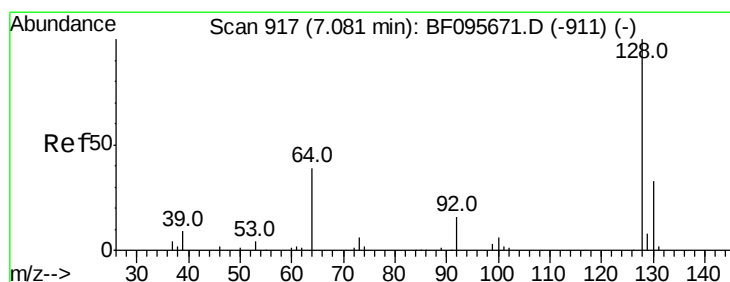
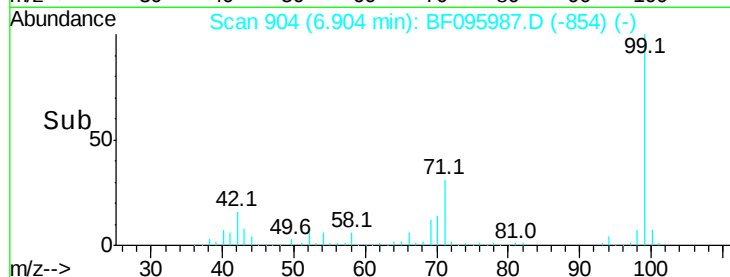
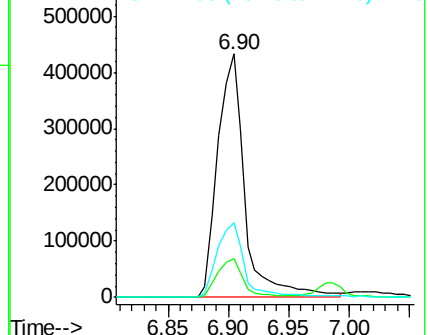
99 100

42 15.9 13.5 20.3

71 30.9 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: 50.17 ng

RT: 7.01 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

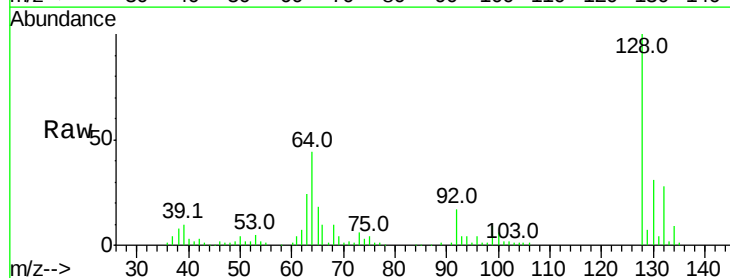
Tgt Ion: 128 Resp: 207929

Ion Ratio Lower Upper

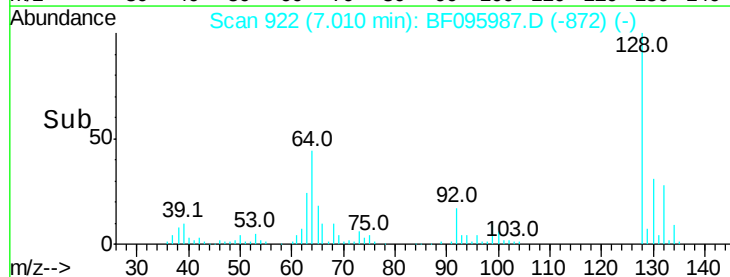
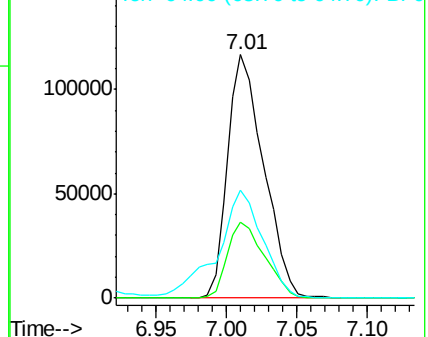
128 100

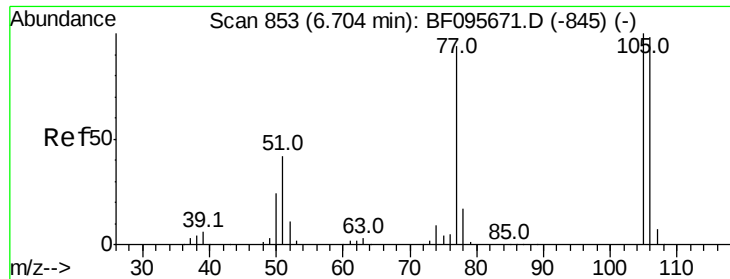
130 31.4 12.9 52.9

64 44.4 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

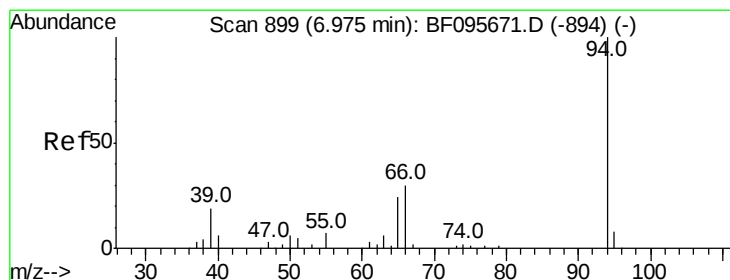
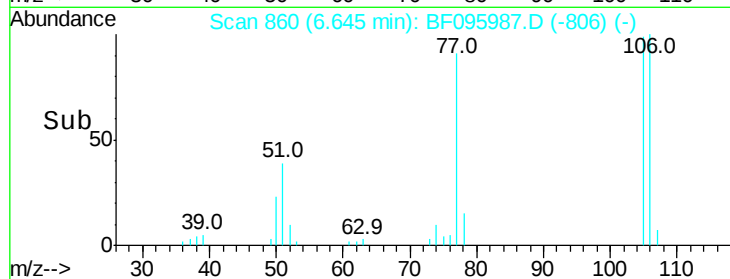
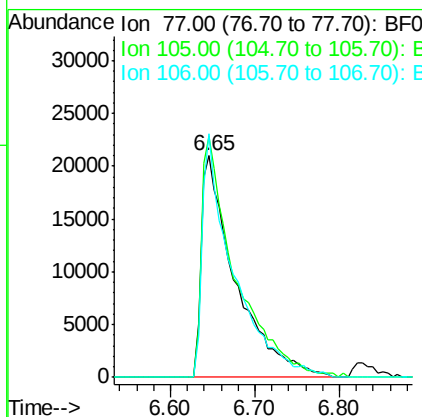
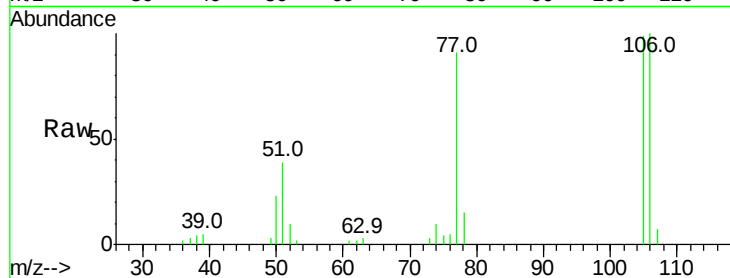




#9
Benzaldehyde
Concen: 18.69 ng
RT: 6.65 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

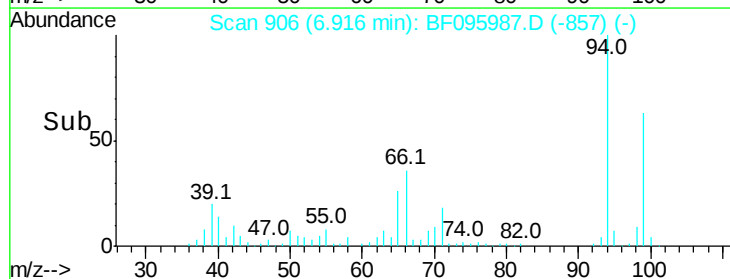
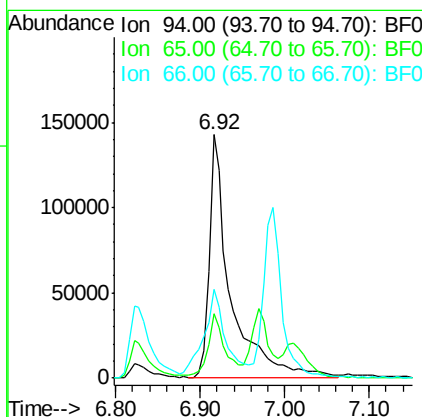
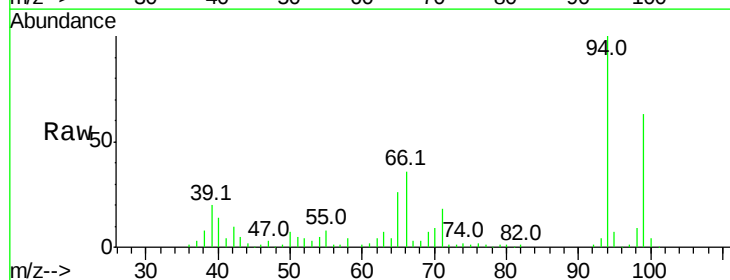
Instrument :
BNA_F
ClientSampleId :

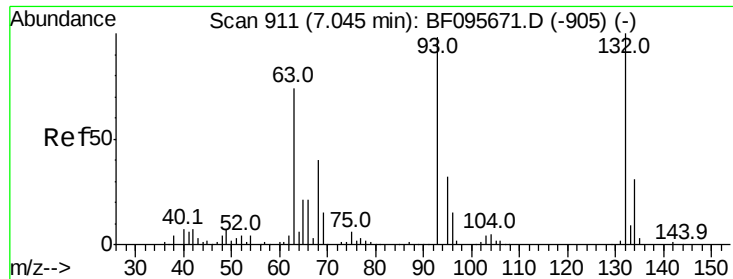
Tot Ion: 77 Resp: 58833
Ion Ratio Lower Upper
77 100
105 108.8 83.8 123.8
106 109.8 79.1 119.1



#10
Phenol
Concen: 52.67 ng
RT: 6.92 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion: 94 Resp: 254959
Ion Ratio Lower Upper
94 100
65 26.2 9.9 49.9
66 36.4 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 48.37 ng

RT: 6.97 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

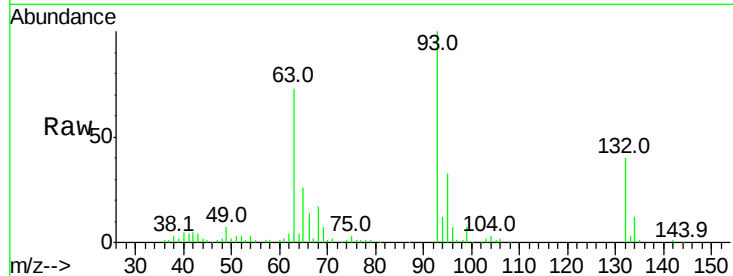
Tot Ion: 93 Resp: 185480

Ion Ratio Lower Upper

93 100

63 73.1 59.2 99.2

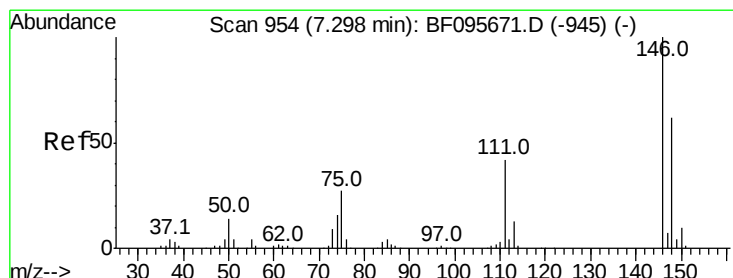
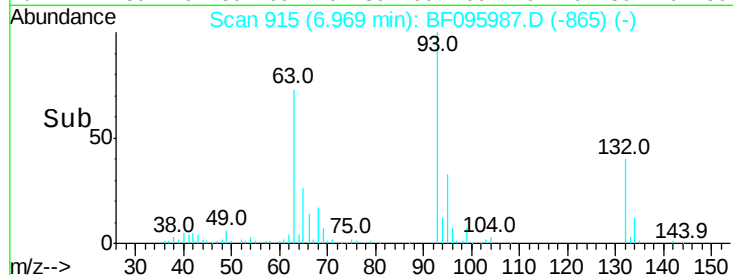
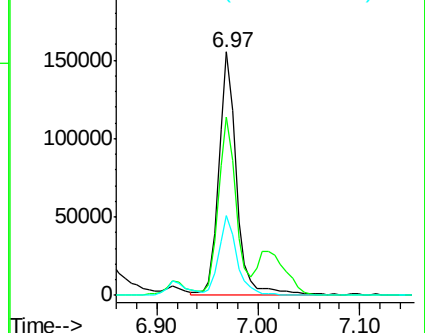
95 32.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 45.97 ng

RT: 7.22 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

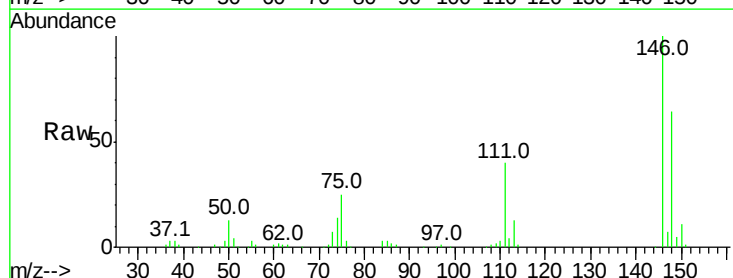
Tgt Ion: 146 Resp: 215620

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

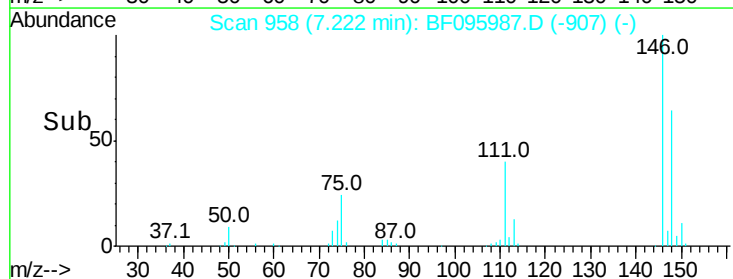
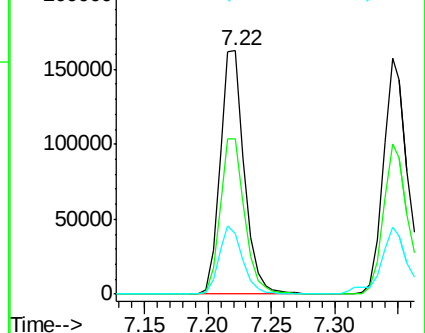
75 24.8 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

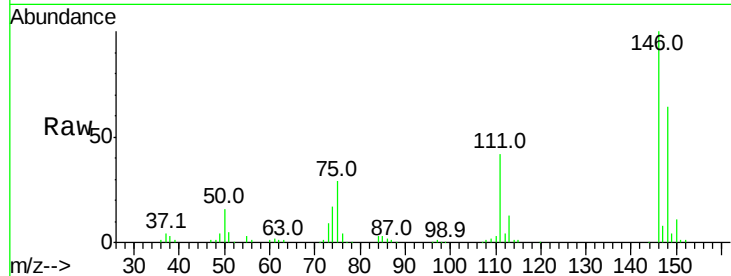




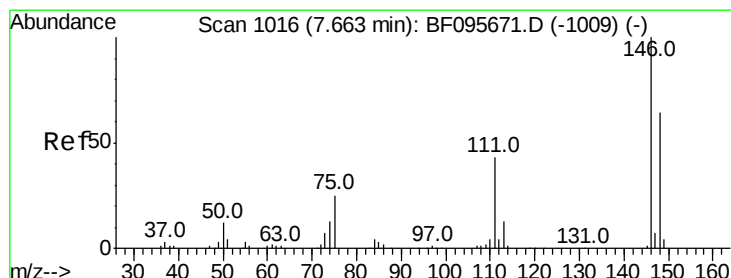
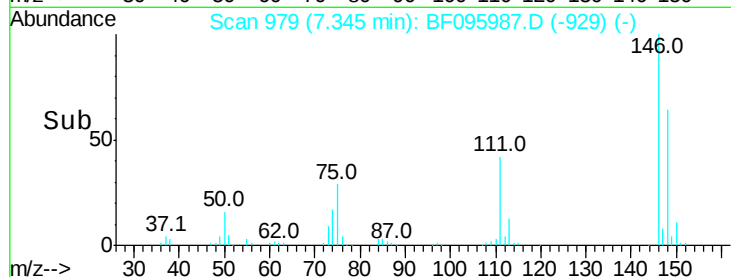
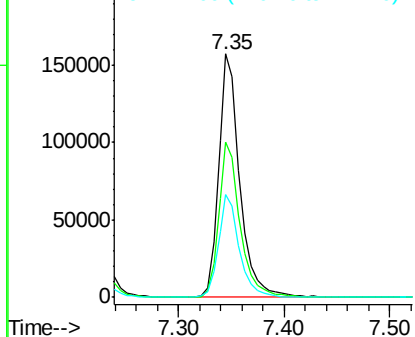
#13
 1,4-Dichlorobenzene
 Concen: 46.21 ng
 RT: 7.35 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 219836
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 42.1 30.3 45.5

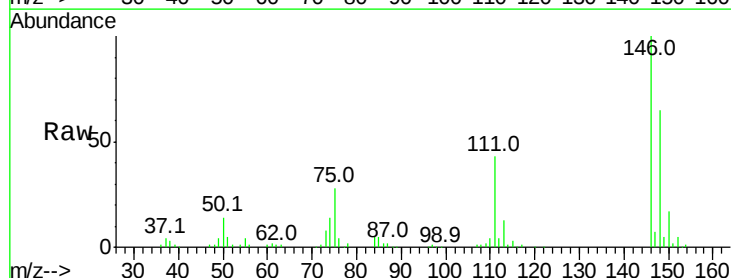


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

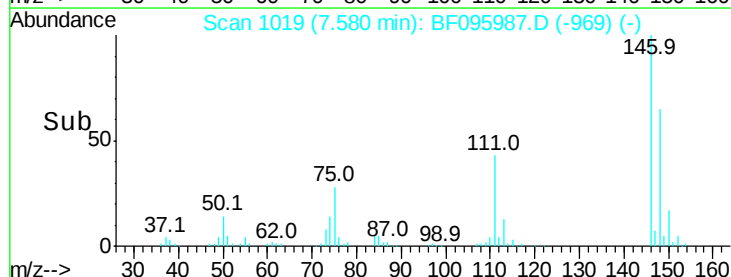
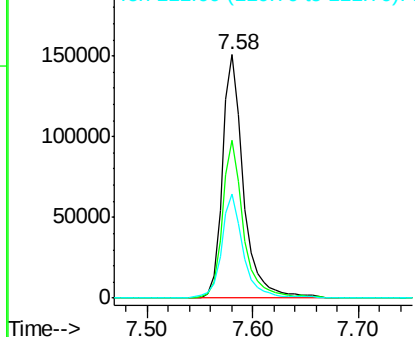


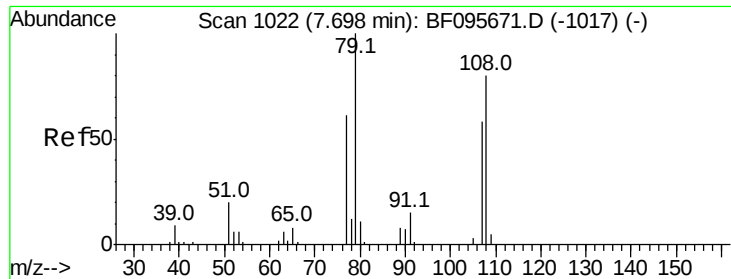
#14
 1,2-Dichlorobenzene
 Concen: 47.85 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion:146 Resp: 209825
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.4 75.6
 111 42.9 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.33 ng

RT: 7.63 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampled :

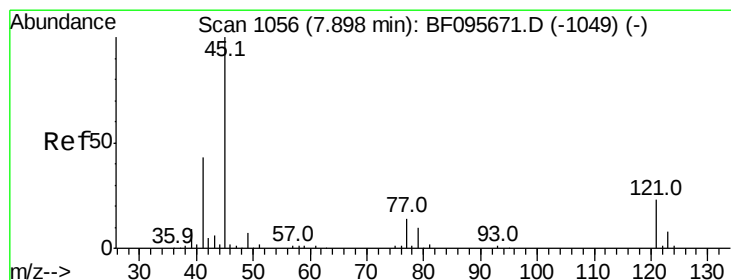
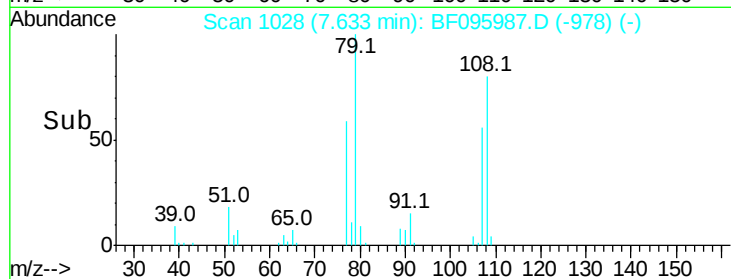
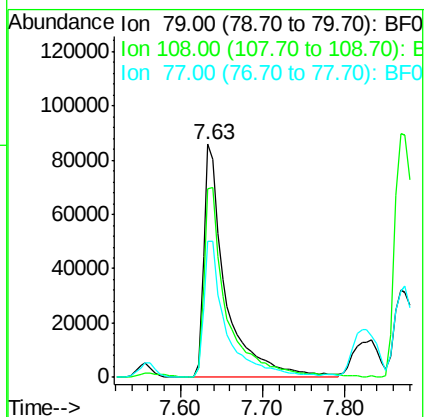
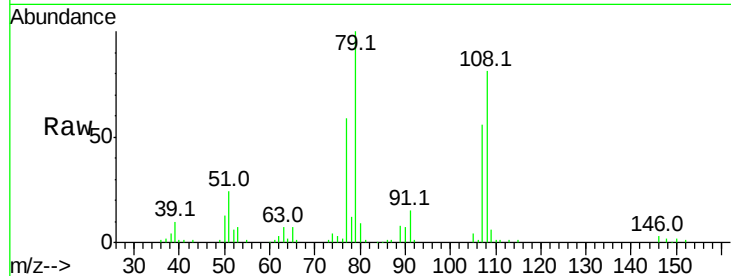
Tot Ion: 79 Resp: 161201

Ion Ratio Lower Upper

79 100

108 81.1 63.4 95.0

77 58.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.10 ng

RT: 7.82 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

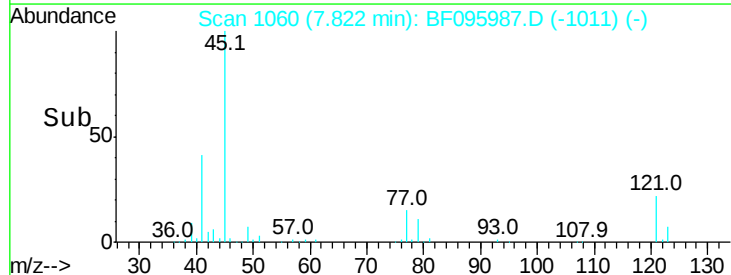
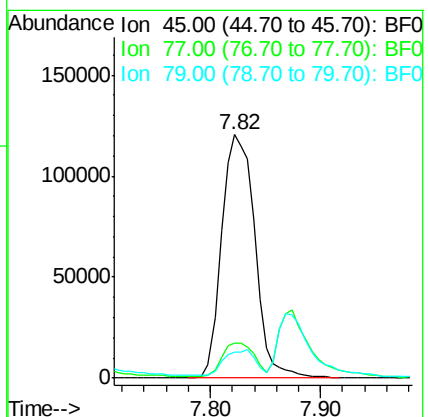
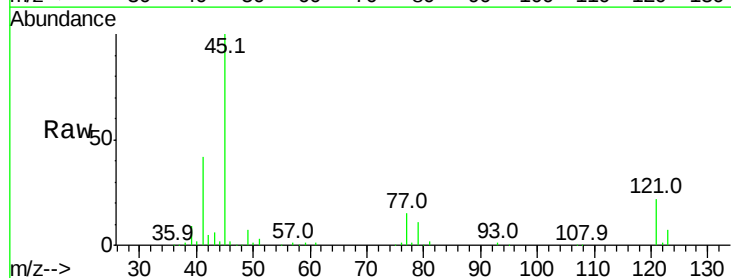
Tgt Ion: 45 Resp: 253745

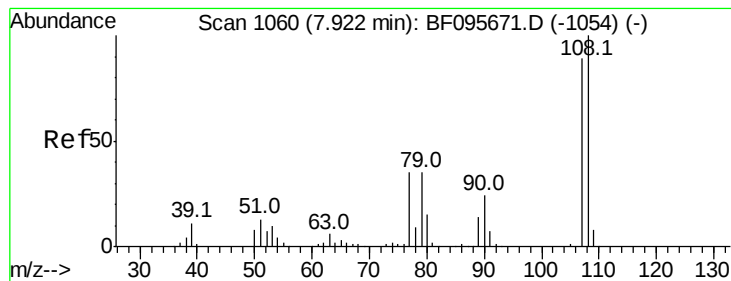
Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.2

79 10.9 0.0 30.0

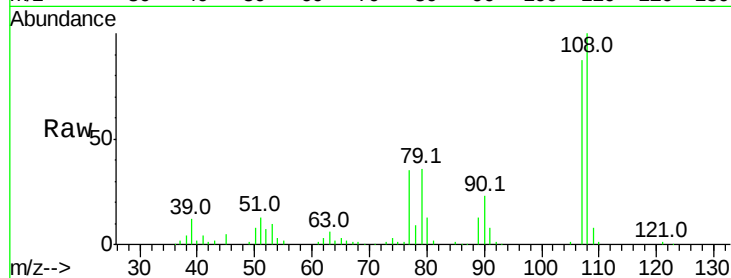




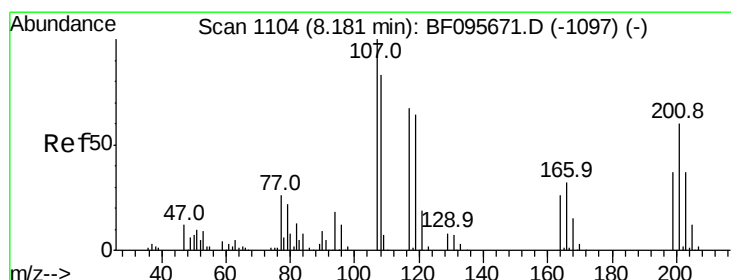
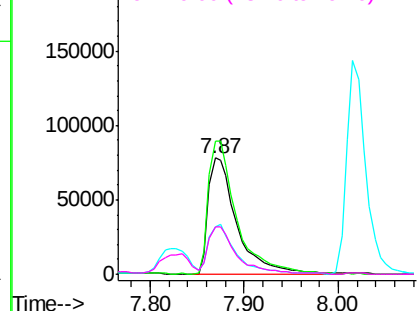
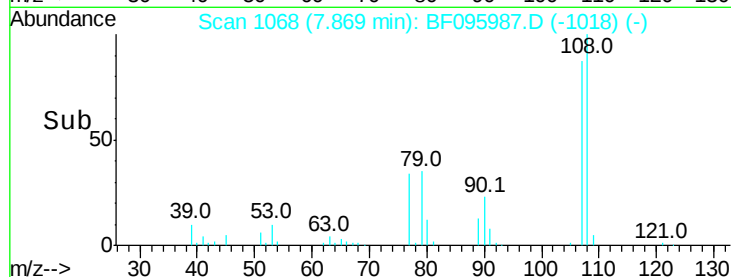
#17
2-Methylphenol
Concen: 48.51 ng
RT: 7.87 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 168713
Ion Ratio Lower Upper
107 100
108 114.9 93.4 140.0
77 40.4 35.8 53.6
79 41.2 34.8 52.2

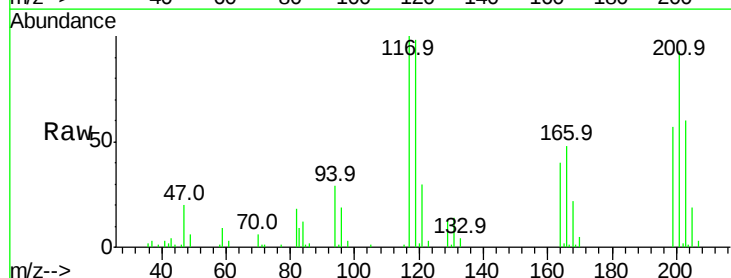


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

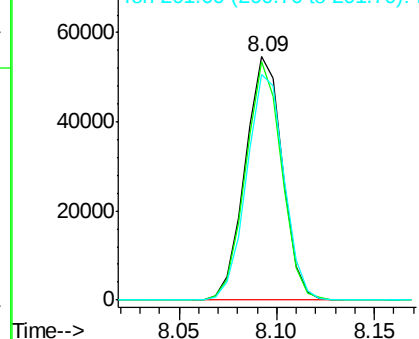
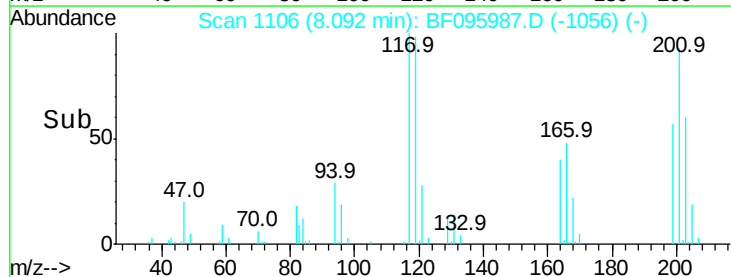


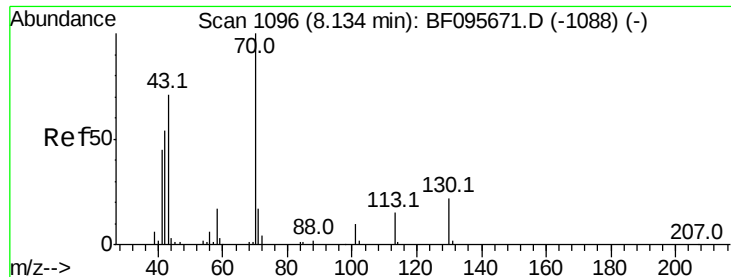
#18
Hexachloroethane
Concen: 45.83 ng
RT: 8.09 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion:117 Resp: 72003
Ion Ratio Lower Upper
117 100
119 98.0 77.4 116.0
201 92.8 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

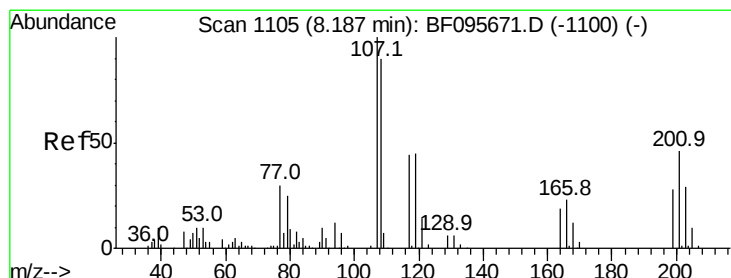
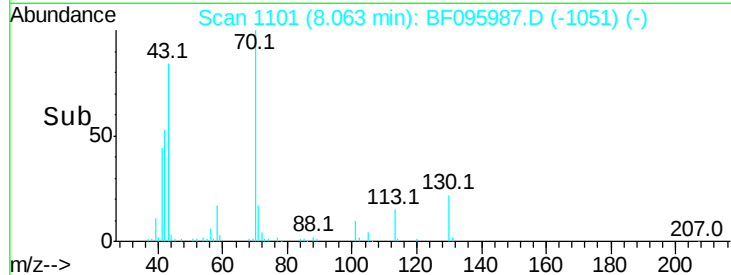
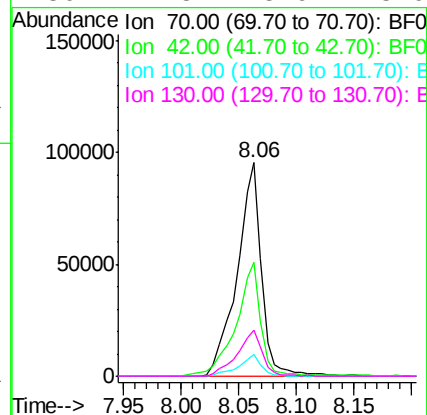
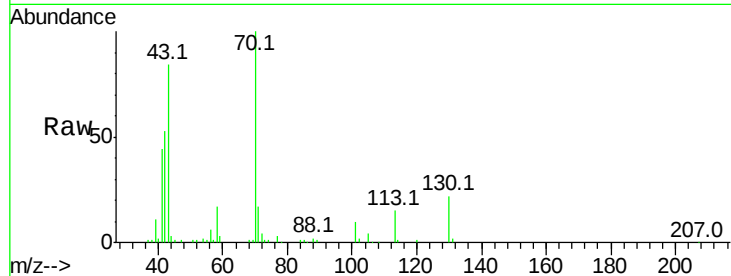




#19
n-Nitroso-di-n-propylamine
Concen: 47.41 ng
RT: 8.06 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

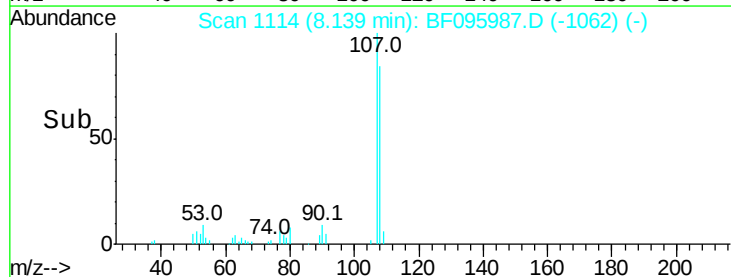
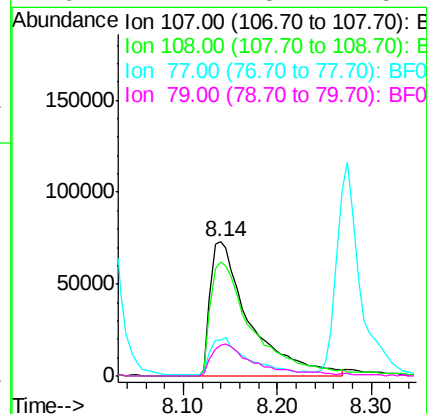
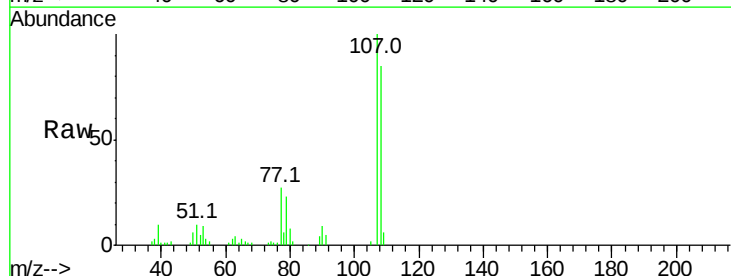
Instrument :
BNA_F
ClientSampled :

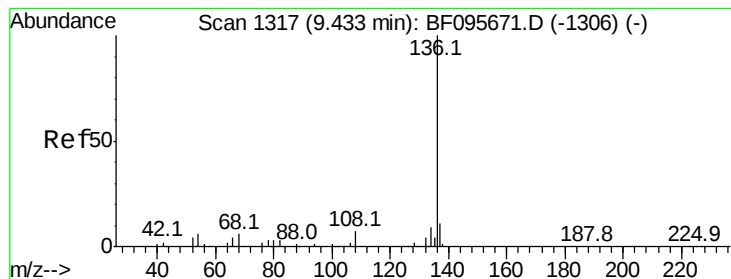
Tot Ion: 70 Resp: 140177
Ion Ratio Lower Upper
70 100
42 53.1 47.2 70.8
101 10.0 7.2 10.8
130 21.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 48.59 ng
RT: 8.14 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion: 107 Resp: 214519
Ion Ratio Lower Upper
107 100
108 84.7 71.0 111.0
77 26.9 90.5 130.5#
79 22.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 255932

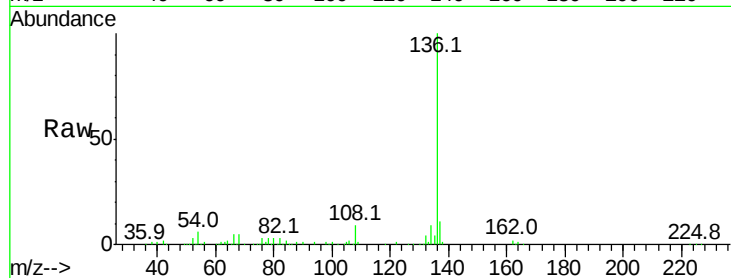
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.3 4.9 7.3

68 5.4 4.1 6.1

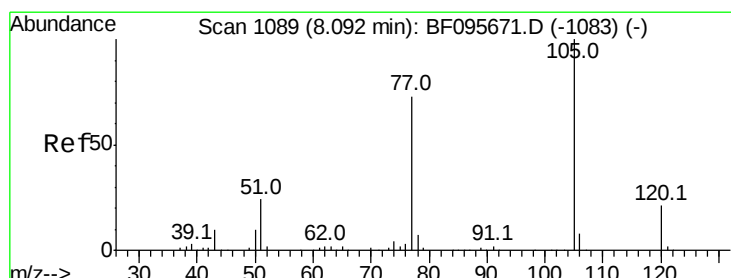
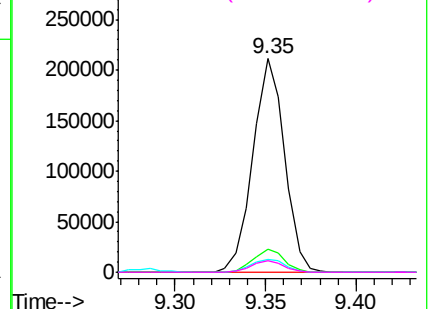
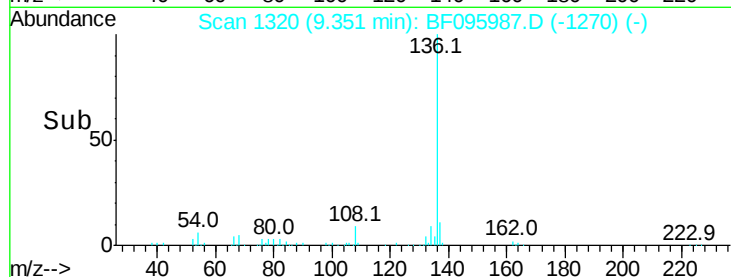


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.59 ng

RT: 8.02 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:105 Resp: 285070

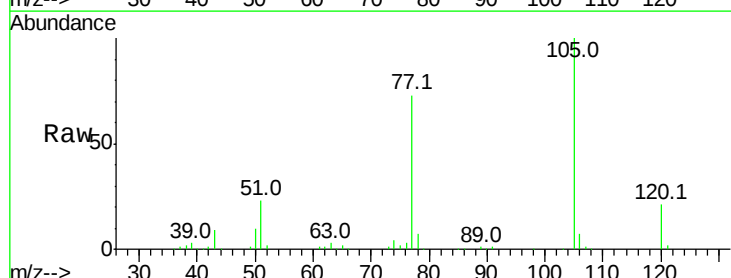
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.0 30.7 46.1#

120 20.8 17.4 26.0

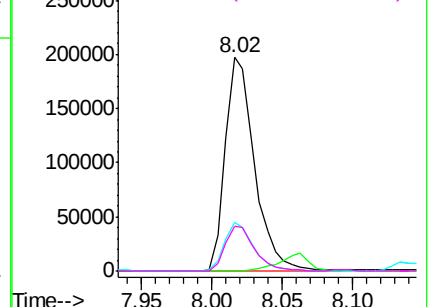
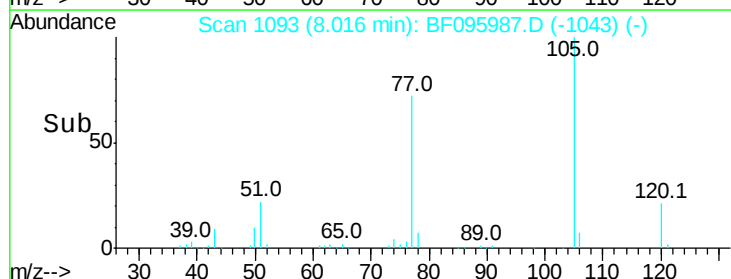


Abundance Ion 105.00 (104.70 to 105.70): E

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

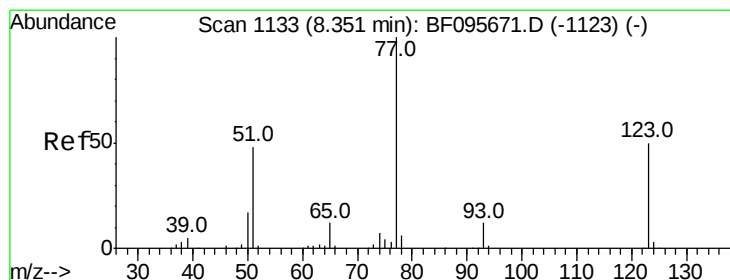
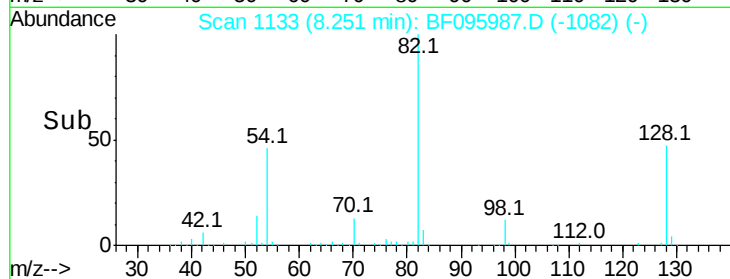
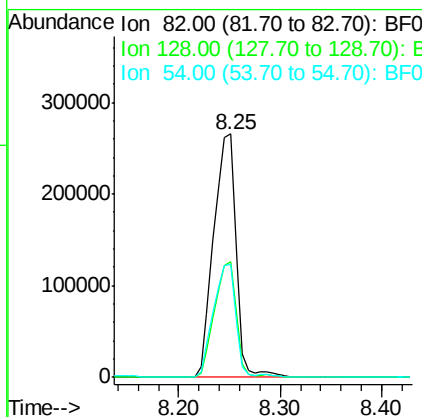
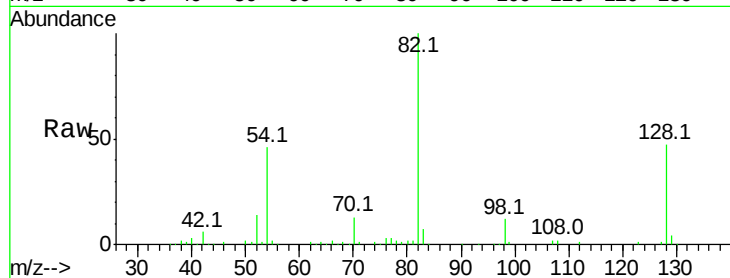




#23
 Nitrobenzene-d5
 Concen: 98.96 ng
 RT: 8.25 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

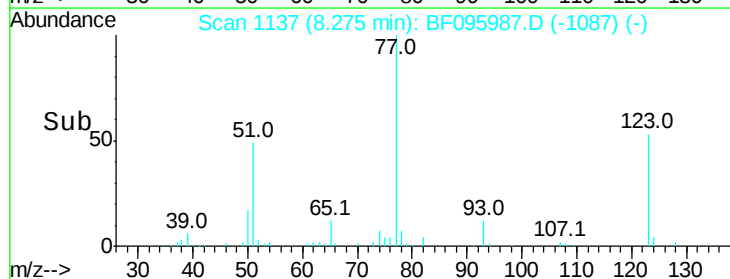
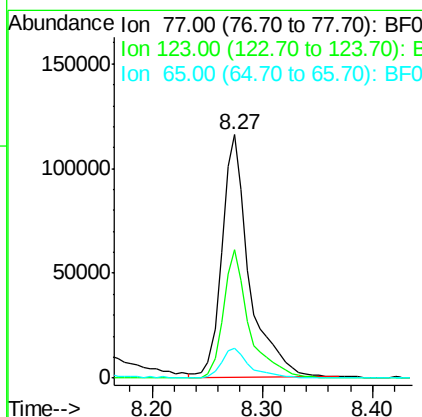
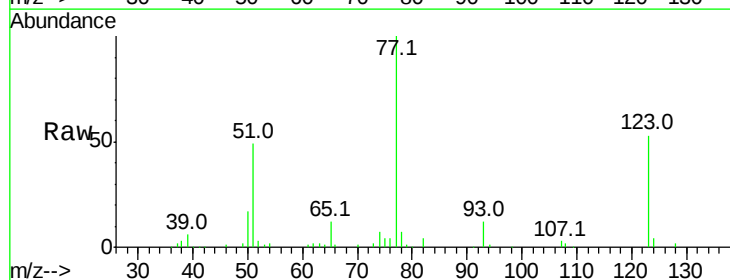
Instrument :
 BNA_F
 ClientSampleId :

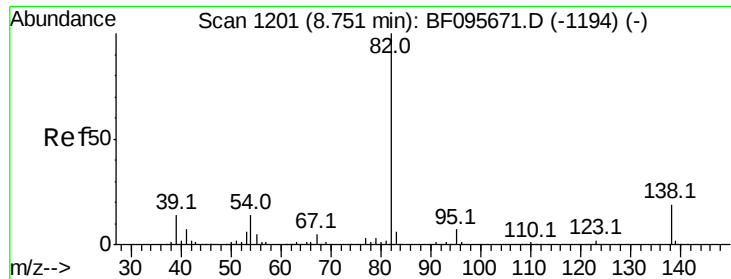
Tot Ion: 82 Resp: 407797
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 46.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 45.42 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion: 77 Resp: 199962
 Ion Ratio Lower Upper
 77 100
 123 52.9 35.8 53.8
 65 12.2 10.6 15.8





#25

Isophorone

Concen: 45.77 ng

RT: 8.67 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

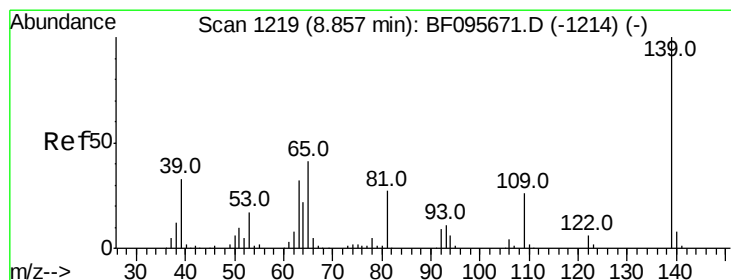
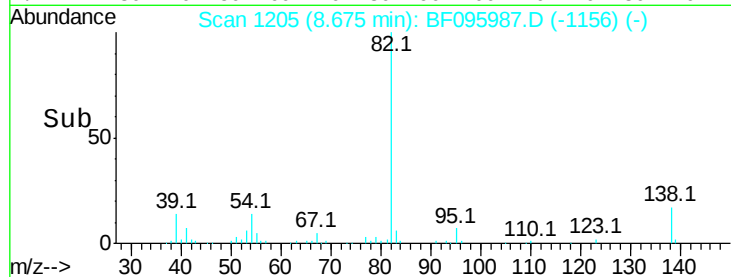
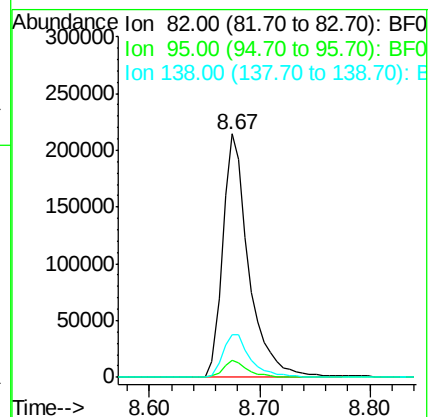
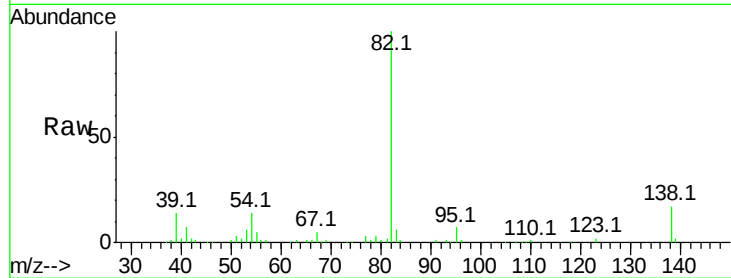
Tot Ion: 82 Resp: 352206

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 17.4 13.1 19.7



#26

2-Nitrophenol

Concen: 48.44 ng

RT: 8.79 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

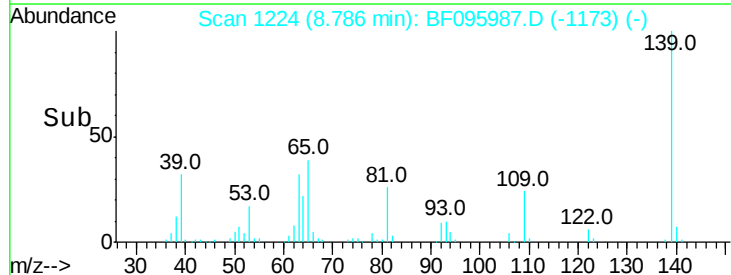
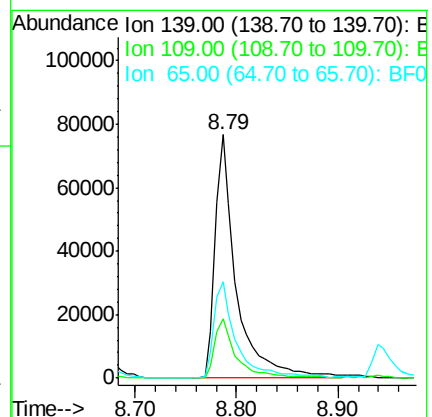
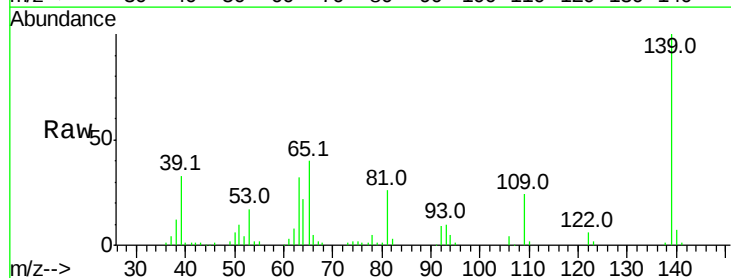
Tgt Ion: 139 Resp: 111668

Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

65 39.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 49.33 ng

RT: 8.95 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

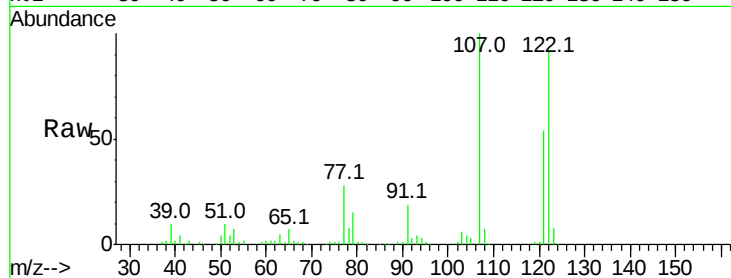
Tot Ion:122 Resp: 176456

Ion Ratio Lower Upper

122 100

107 108.3 89.2 133.8

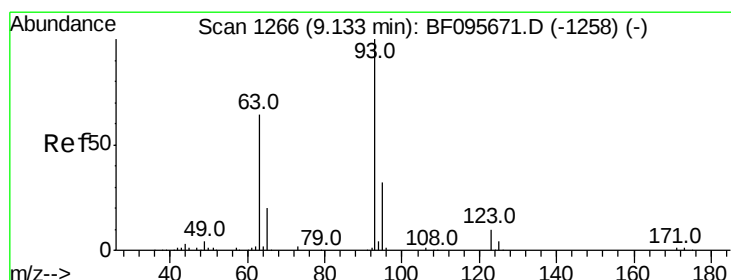
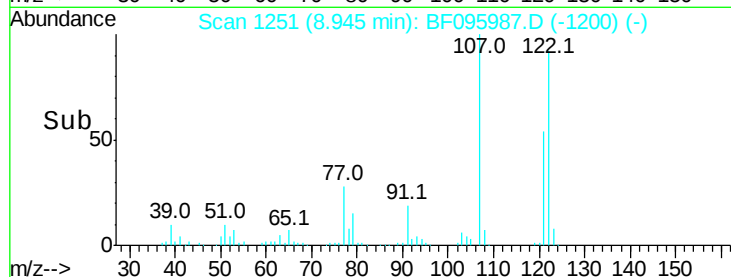
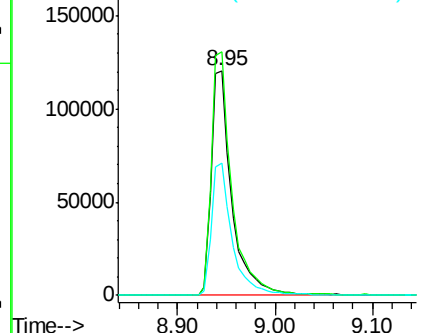
121 58.8 45.2 67.8



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: 45.93 ng

RT: 9.06 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

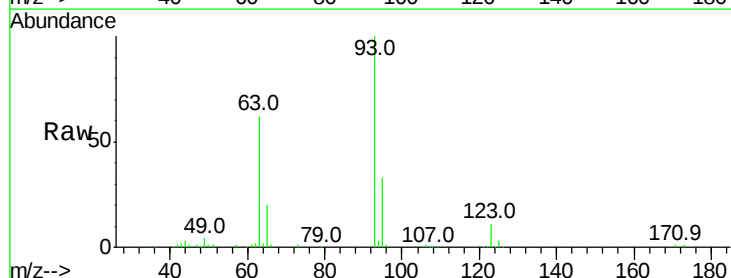
Tgt Ion: 93 Resp: 232954

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

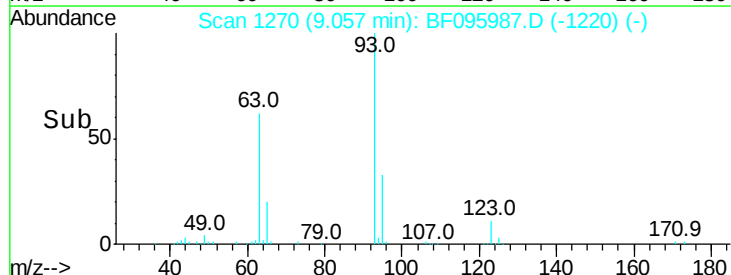
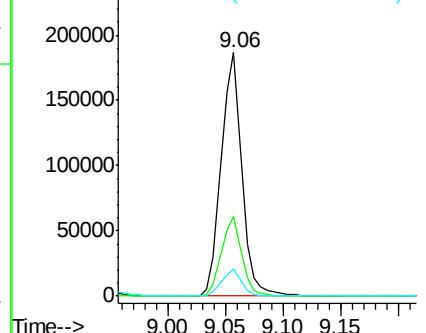
123 11.1 9.0 13.4

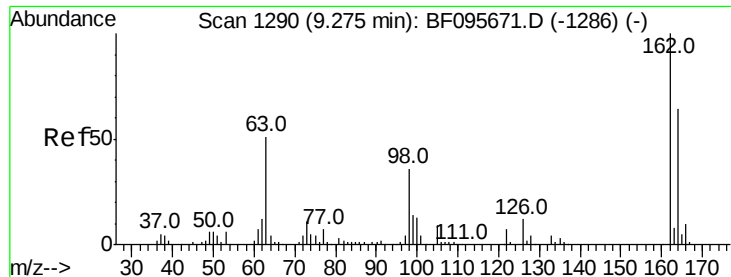


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

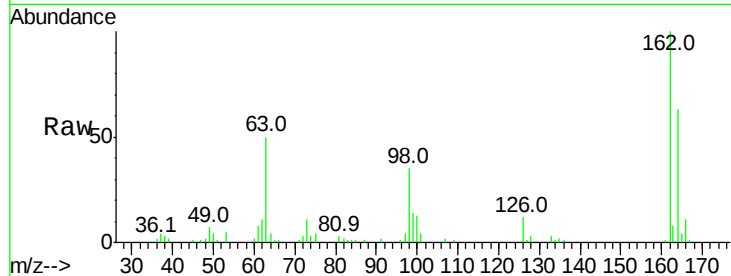




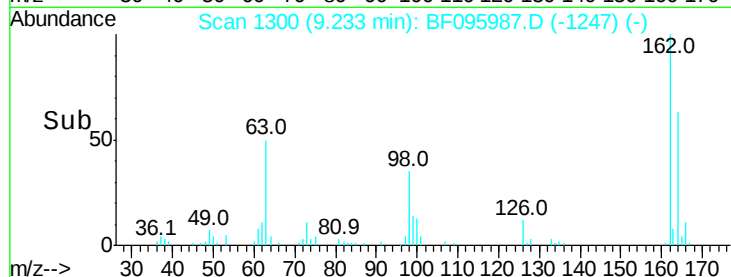
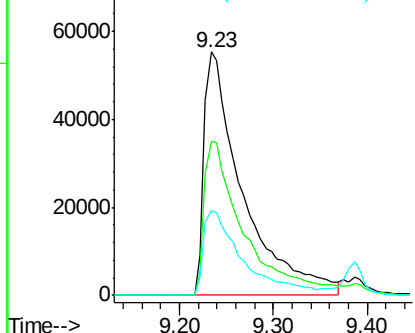
#29
 2,4-Dichlorophenol
 Concen: 46.35 ng
 RT: 9.23 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
162	100	159694		
164	63.4		44.6	84.6
98	35.0		14.8	54.8

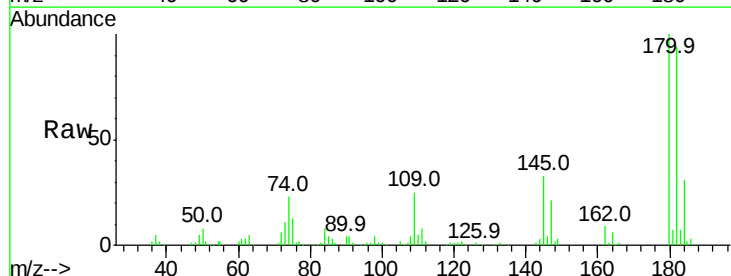


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

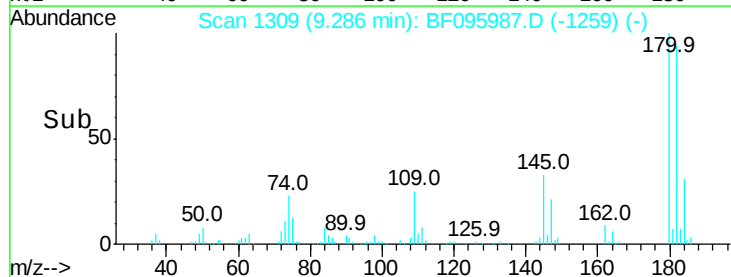
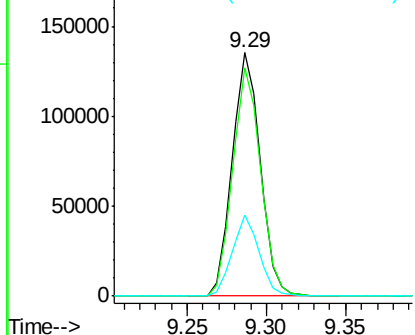


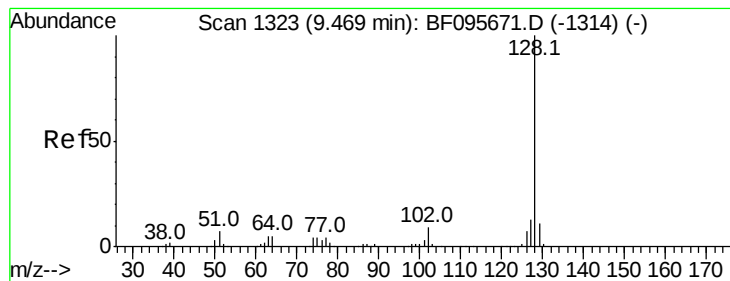
#30
 1,2,4-Trichlorobenzene
 Concen: 46.36 ng
 RT: 9.29 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	166212		
182	93.6		75.8	113.6
145	33.4		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: 46.53 ng

RT: 9.39 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

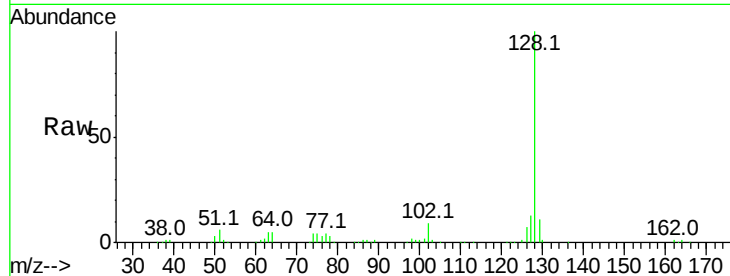
Tot Ion:128 Resp: 597701

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

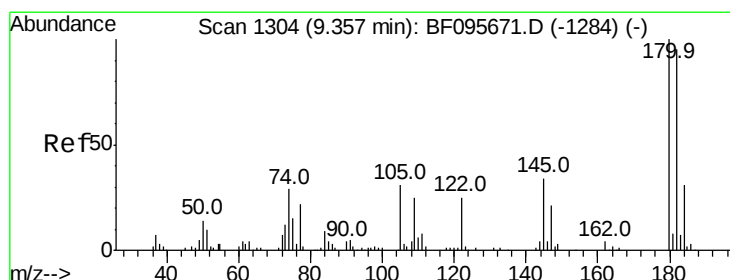
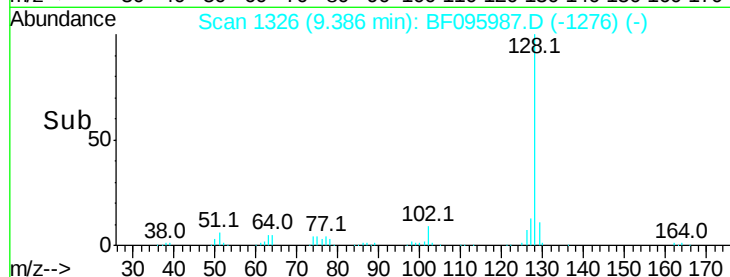
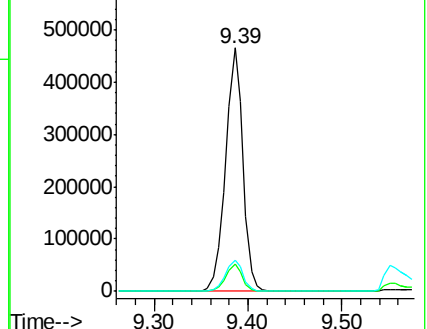
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.44 ng

RT: 9.39 min Scan# 1326

Delta R.T. 0.05 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

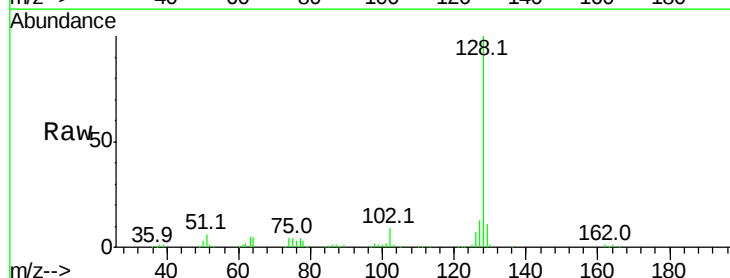
Tgt Ion:122 Resp: 3303

Ion Ratio Lower Upper

122 100

105 45.0 103.3 143.3#

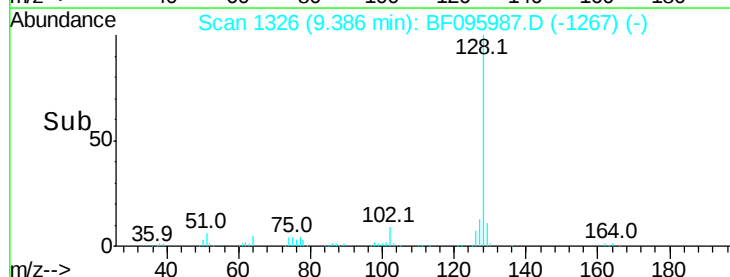
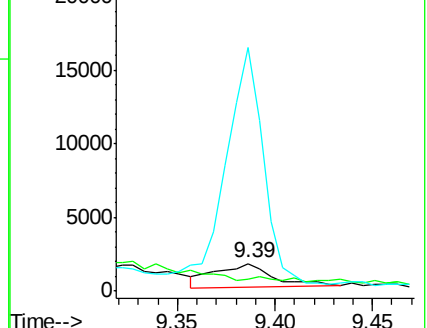
77 883.9 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

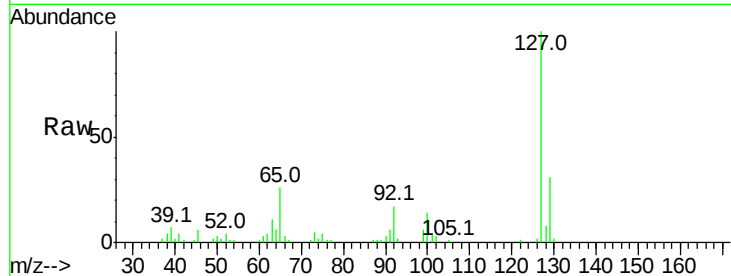




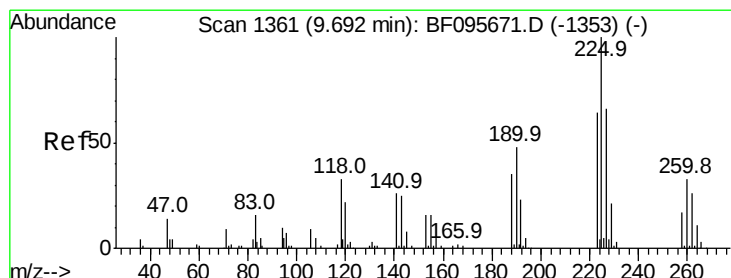
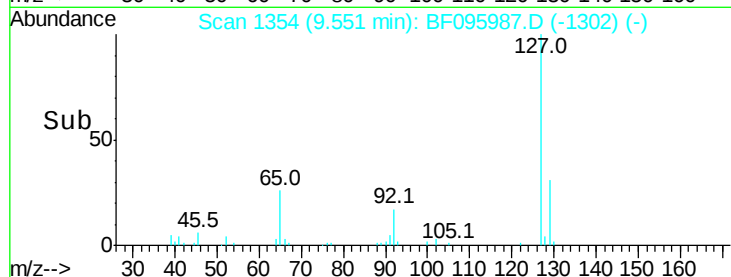
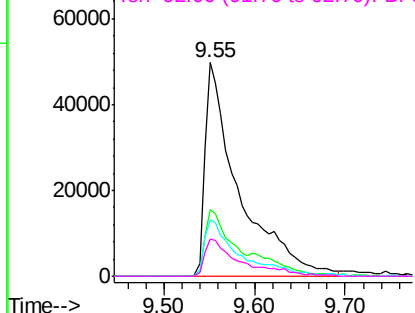
#33
4-Chloroaniline
Concen: 25.90 ng
RT: 9.55 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	130043
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	26.4	27.8	41.8#
92	17.1	16.8	25.2

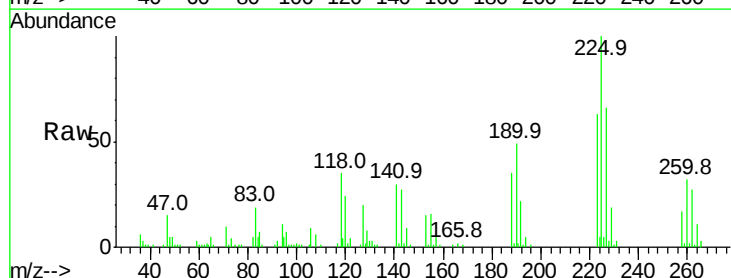


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

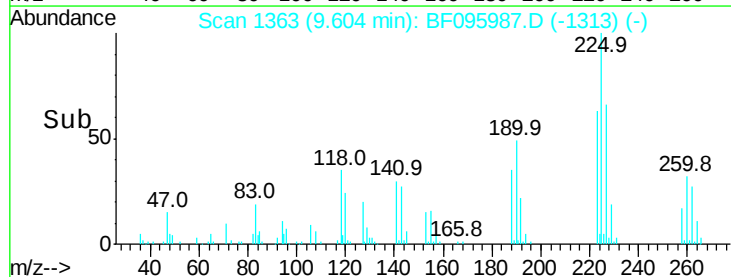
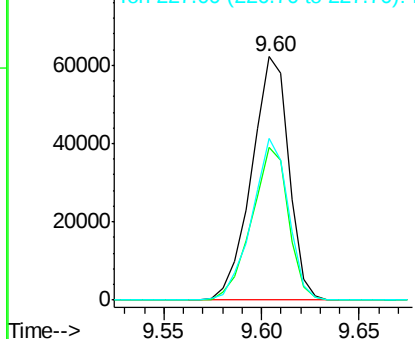


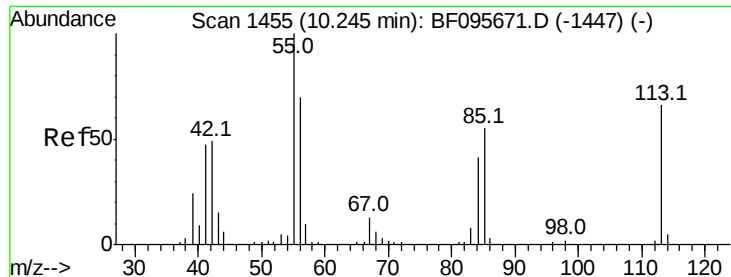
#34
Hexachlorobutadiene
Concen: 44.35 ng
RT: 9.60 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion:	225	Resp:	82153
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	66.3	51.1	76.7



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





#35

Caprolactam

Concen: 30.44 ng

RT: 10.17 min Scan# 1459

Delta R.T. -0.03 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

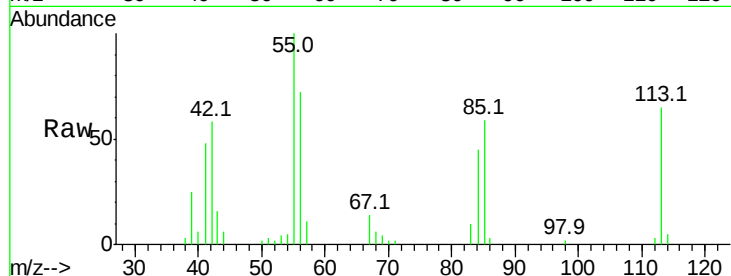
Tot Ion:113 Resp: 31204

Ion Ratio Lower Upper

113 100

55 154.3 150.2 190.2

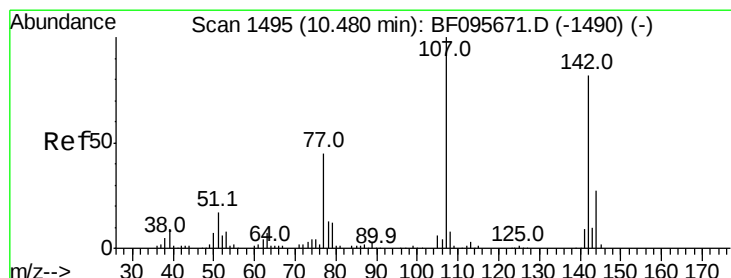
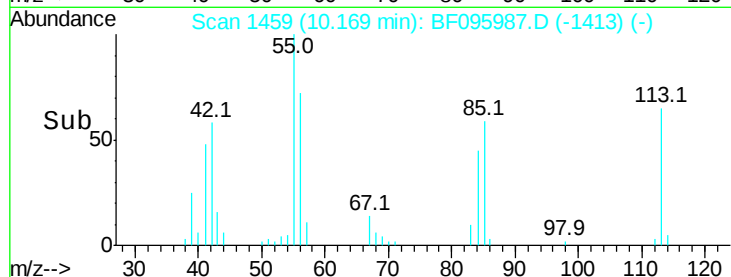
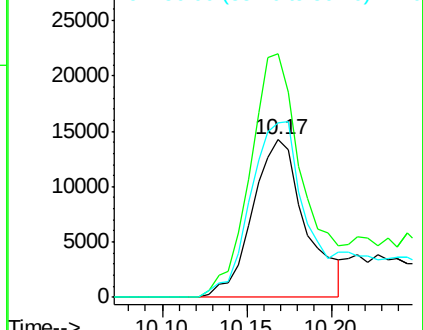
56 110.6 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.55 ng

RT: 10.43 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

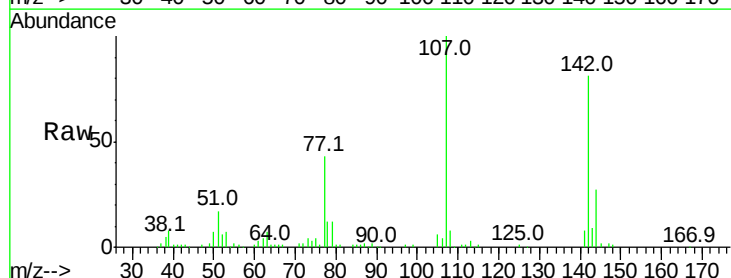
Tgt Ion:107 Resp: 175099

Ion Ratio Lower Upper

107 100

144 26.5 24.2 36.4

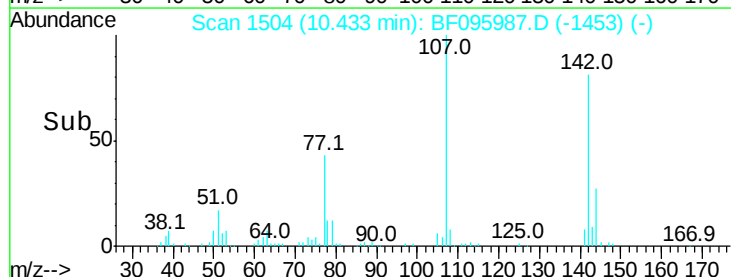
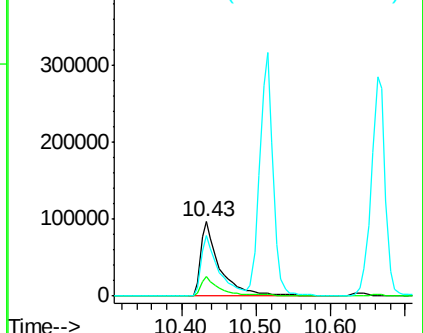
142 81.4 73.4 110.0

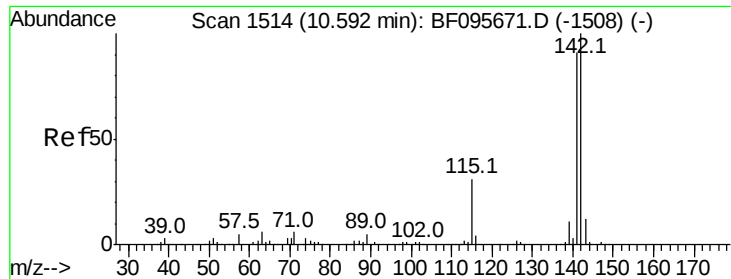


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

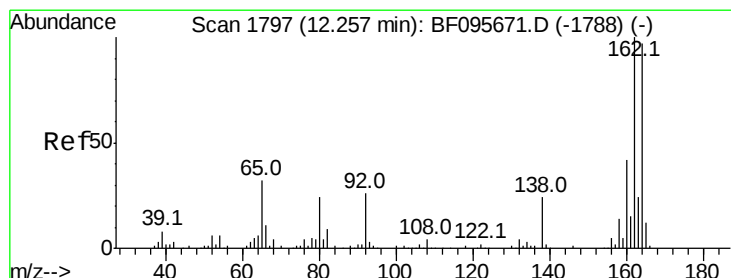
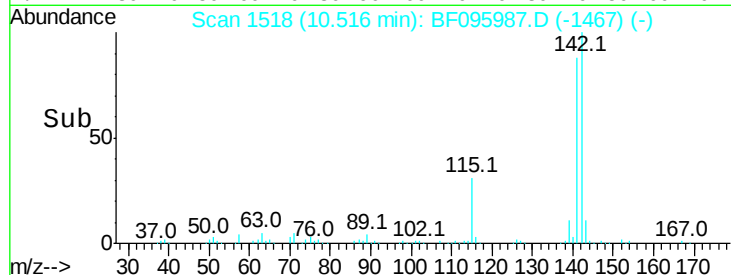
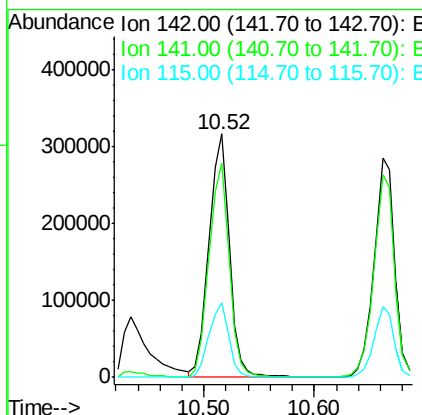
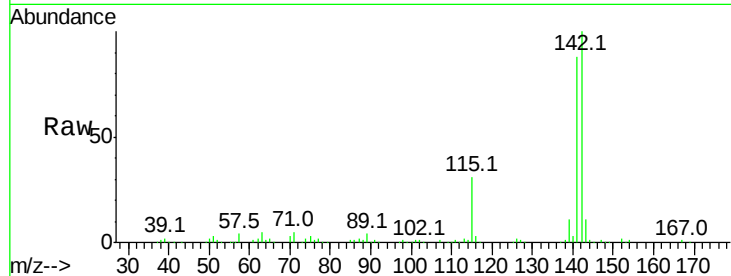




#37
2-Methylnaphthalene
Concen: 46.16 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

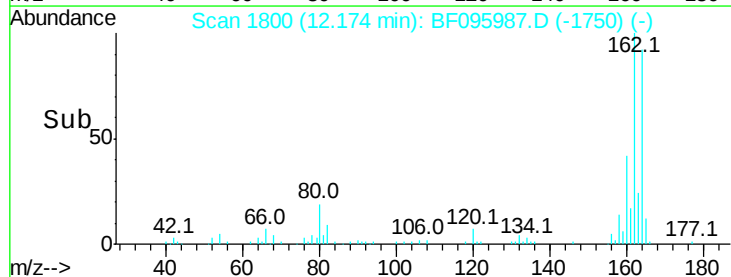
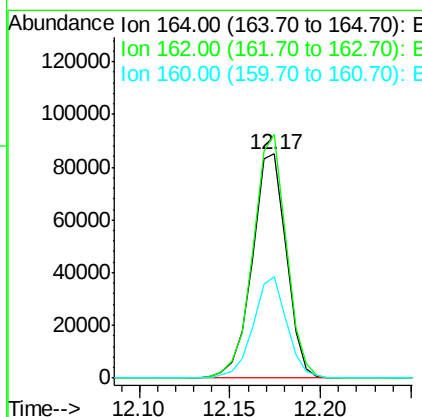
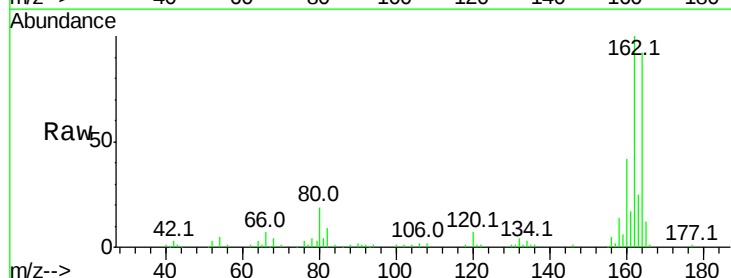
Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 400596
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9
115 30.9 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion:164 Resp: 111361
Ion Ratio Lower Upper
164 100
162 108.7 82.6 123.8
160 45.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.86 ng

RT: 10.79 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 152846

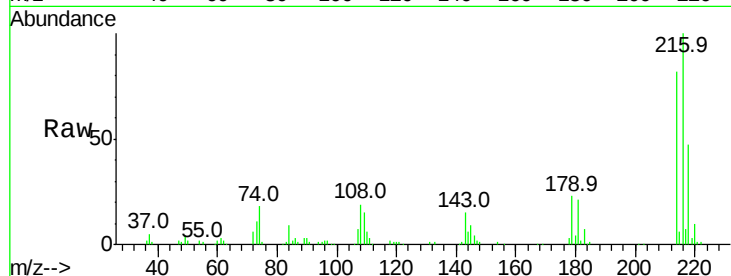
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 21.8 17.9 26.9

108 18.1 16.5 24.7

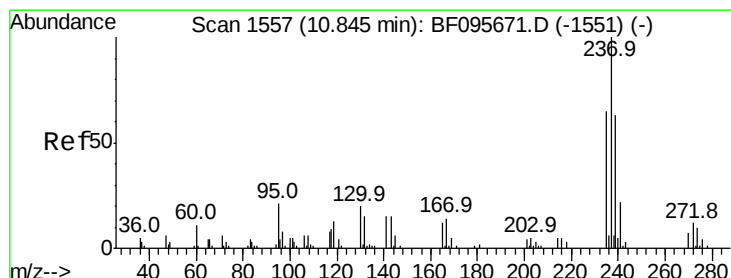
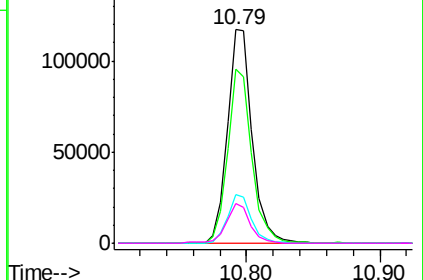
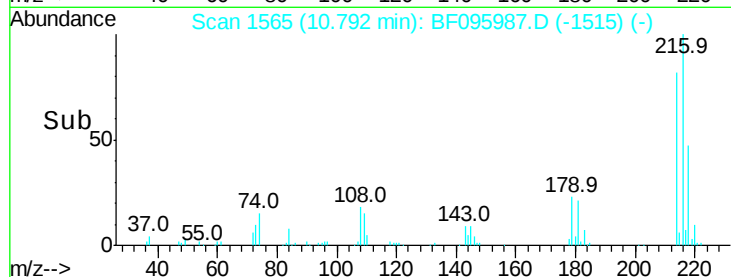


Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.58 ng

RT: 10.76 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

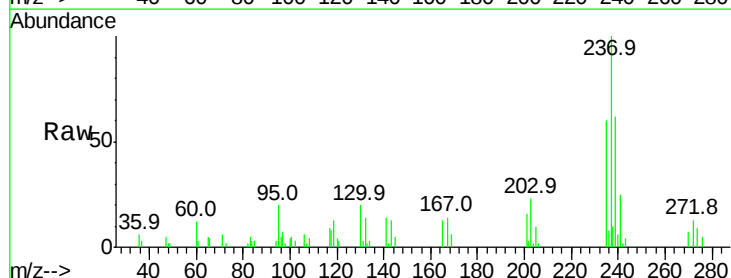
Tgt Ion:237 Resp: 22292

Ion Ratio Lower Upper

237 100

235 60.2 42.6 82.6

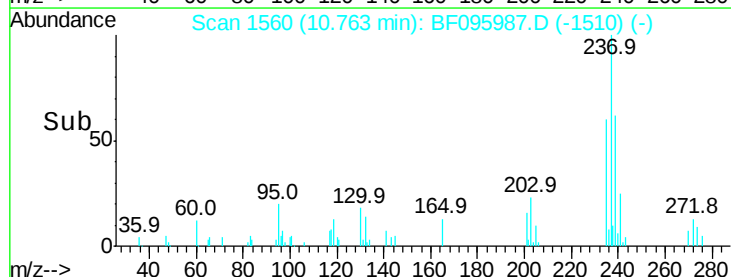
272 12.8 0.0 31.9



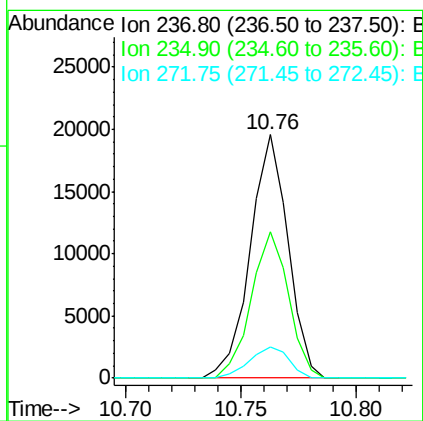
Abundance Ion 236.80 (236.50 to 237.50): E

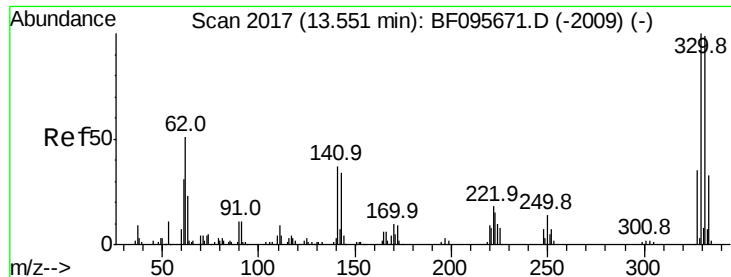
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

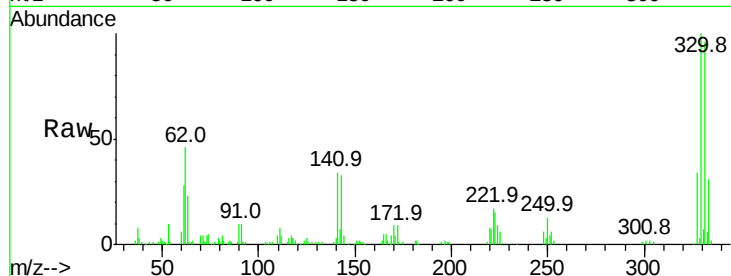




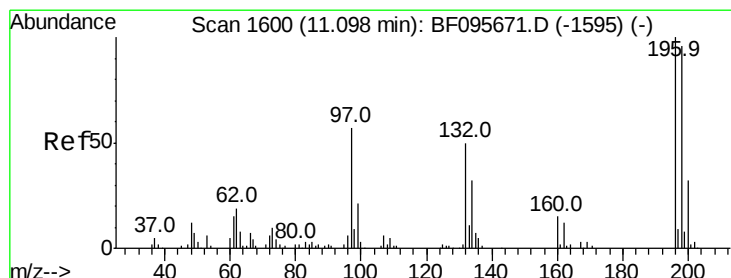
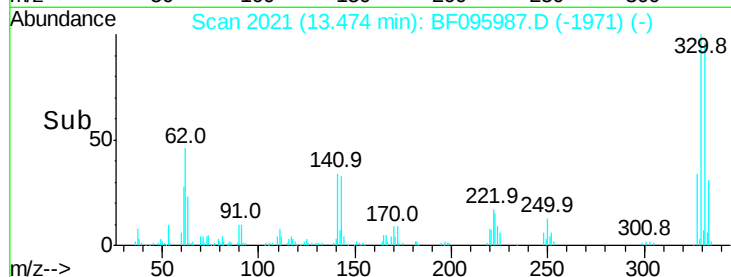
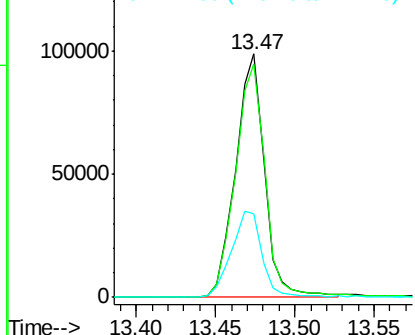
#41
 2,4,6-Tribromophenol
 Concen: 126.98 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 125113
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 37.6 31.4 47.2

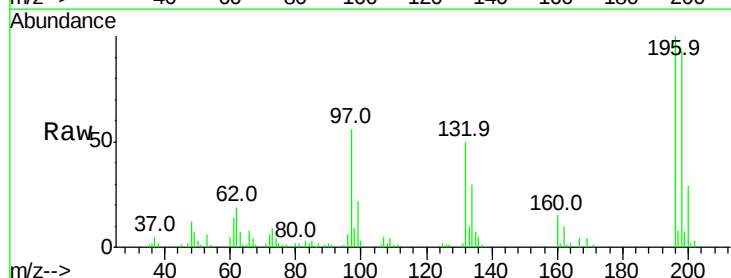


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

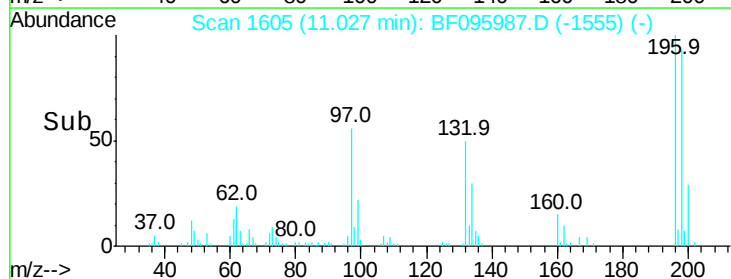
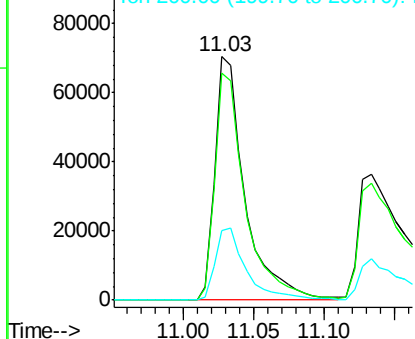


#42
 2,4,6-Trichlorophenol
 Concen: 48.59 ng
 RT: 11.03 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion:196 Resp: 104128
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.2 111.4
 200 28.7 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

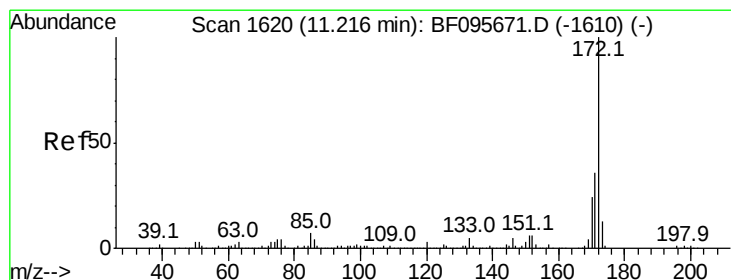
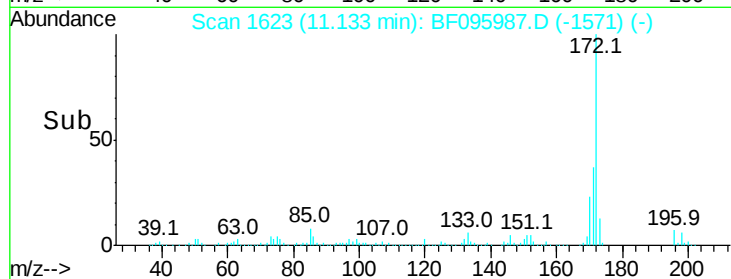
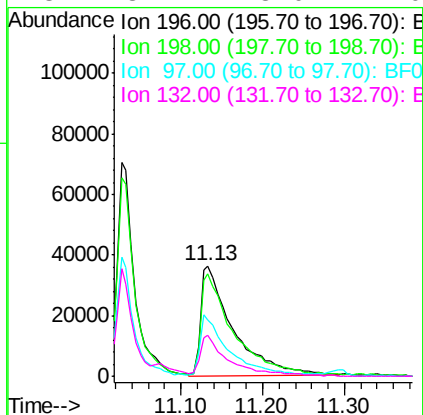
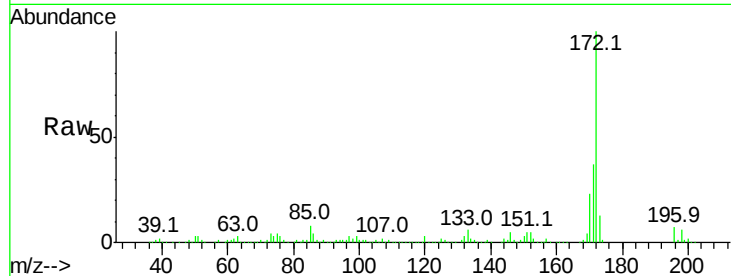




#43
 2,4,5-Trichlorophenol
 Concen: 43.05 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

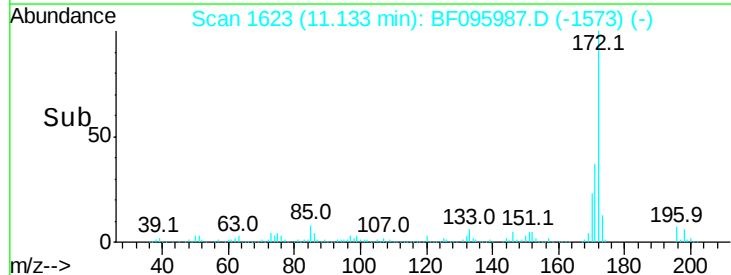
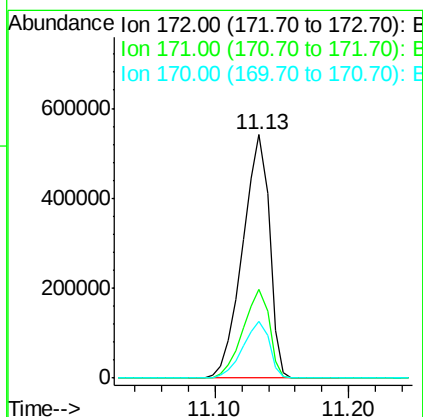
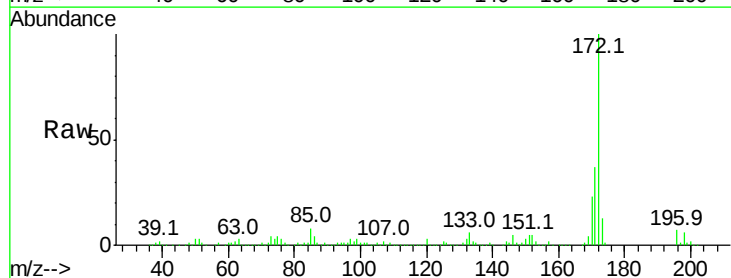
Instrument :
 BNA_F
 ClientSampleId :

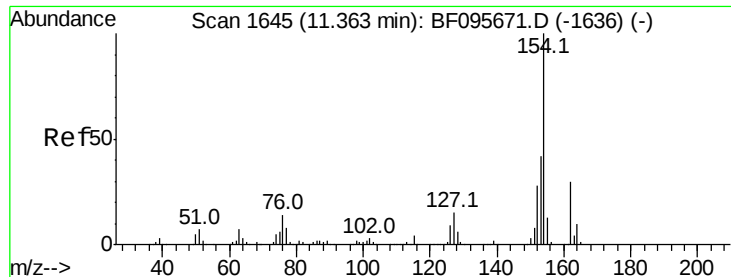
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.7	113.5
97	51.1	47.7	71.5
132	37.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 93.48 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 47.32 ng

RT: 11.28 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

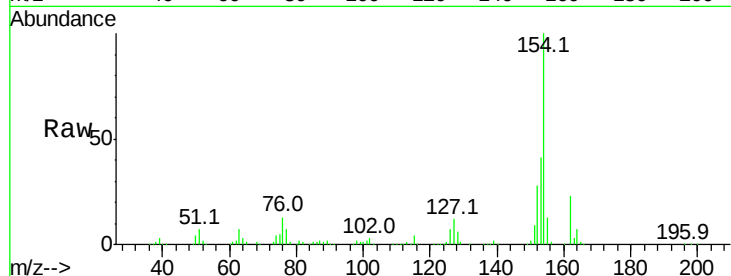
Tot Ion:154 Resp: 434357

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

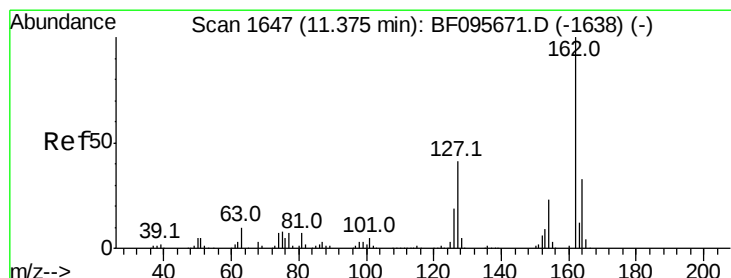
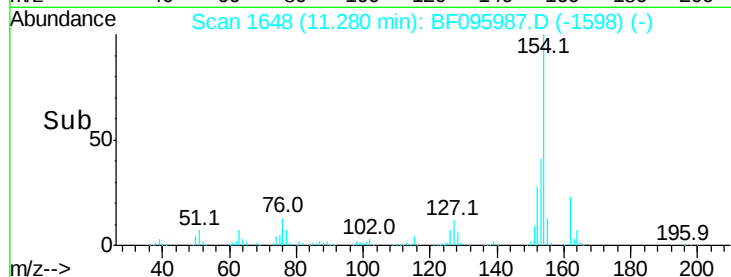
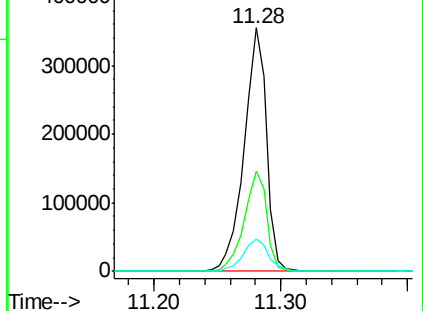
76 13.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.38 ng

RT: 11.29 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

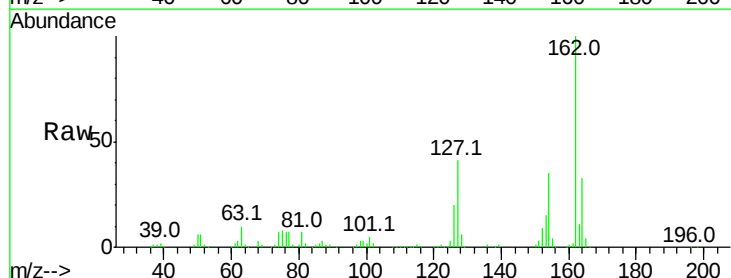
Tgt Ion:162 Resp: 332641

Ion Ratio Lower Upper

162 100

127 41.4 28.3 42.5

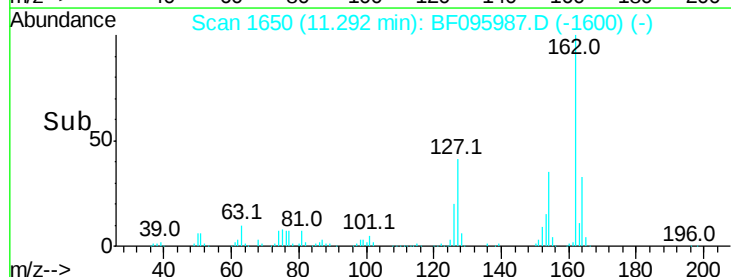
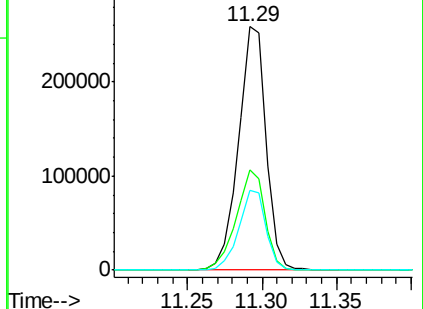
164 32.6 27.0 40.4



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

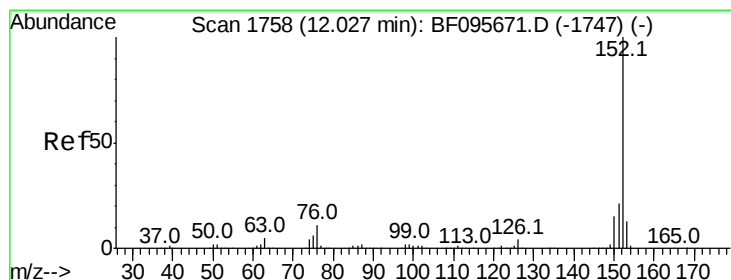
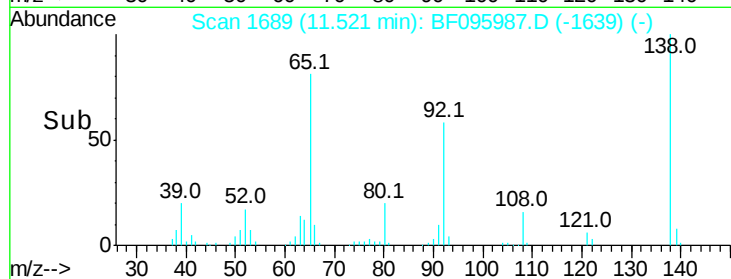
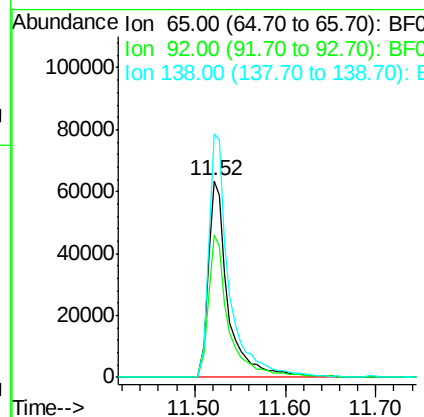
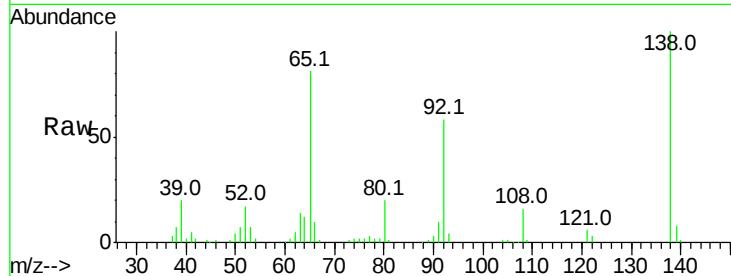




#47
 2-Nitroaniline
 Concen: 46.52 ng
 RT: 11.52 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

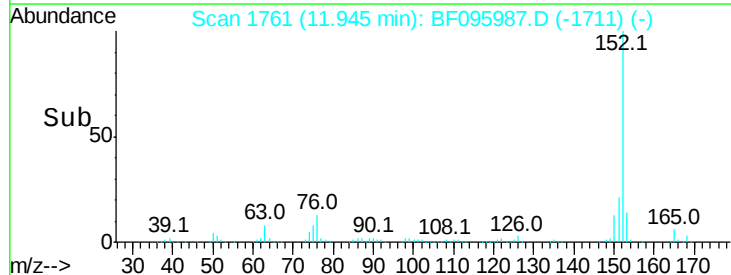
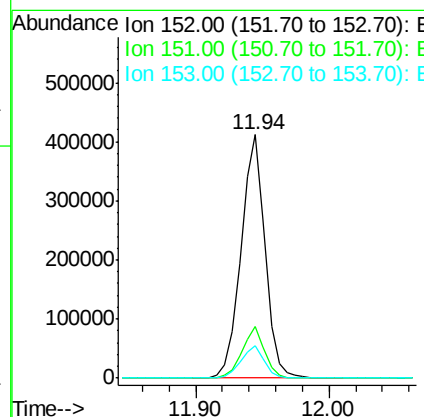
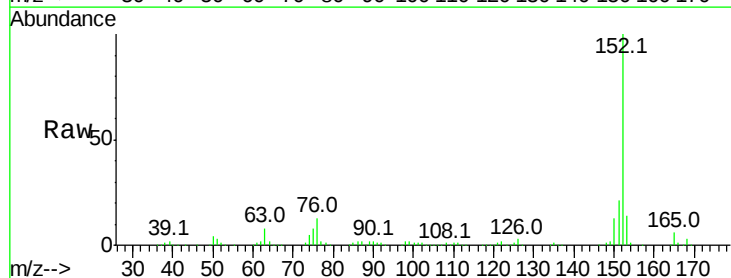
Instrument :
 BNA_F
 ClientSampleId :

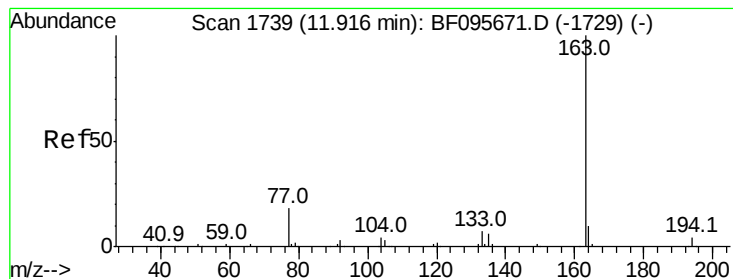
Tot Ion: 65 Resp: 97621
 Ion Ratio Lower Upper
 65 100
 92 72.3 53.9 80.9
 138 123.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.97 ng
 RT: 11.94 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion: 152 Resp: 514620
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.8 25.2
 153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 57.66 ng

RT: 11.84 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BF095987.D

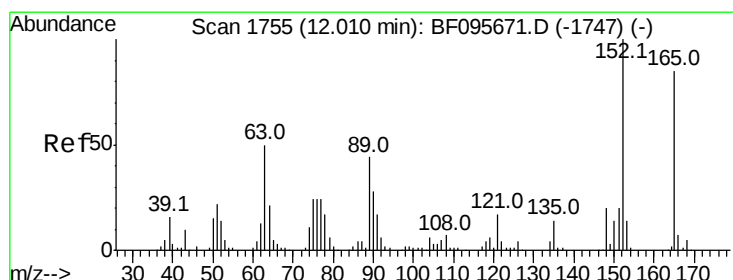
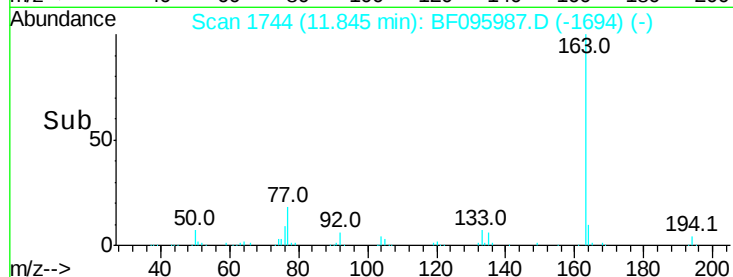
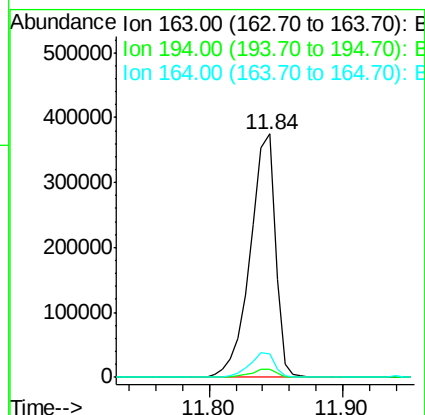
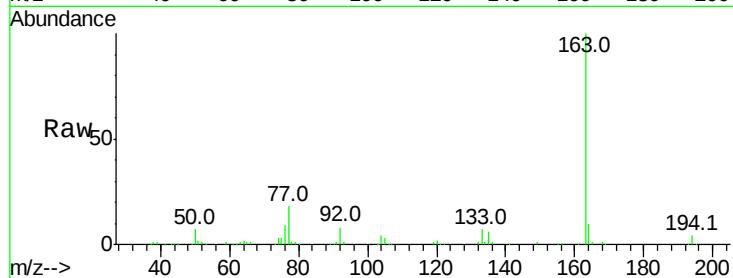
Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:163	Resp:	487560
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.6 4.0
164	9.7	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 44.95 ng

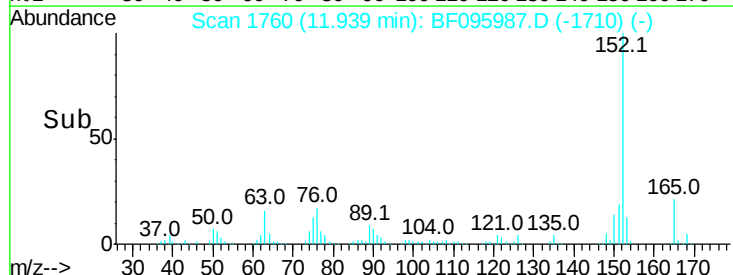
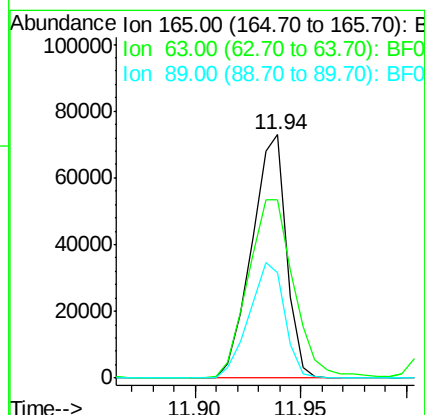
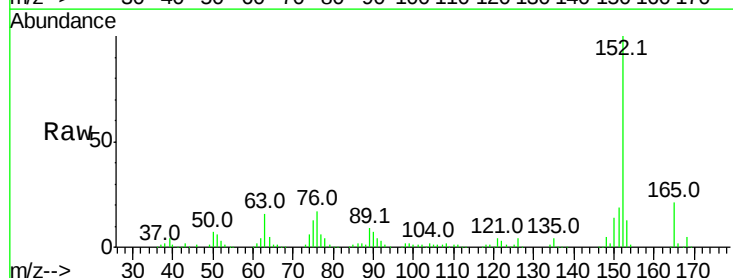
RT: 11.94 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:165	Resp:	82891
Ion Ratio	Lower	Upper
165	100	
63	73.2	34.3 51.5#
89	43.1	37.1 55.7





#51

Acenaphthene

Concen: 44.93 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

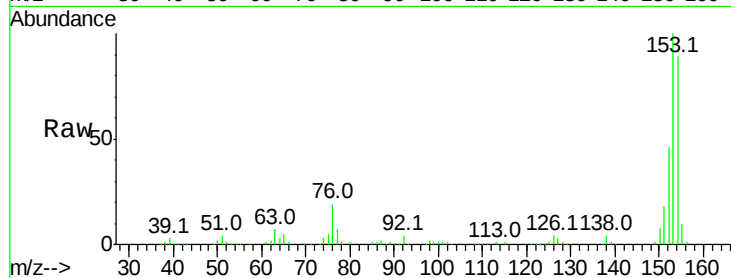
Tot Ion:154 Resp: 318192

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

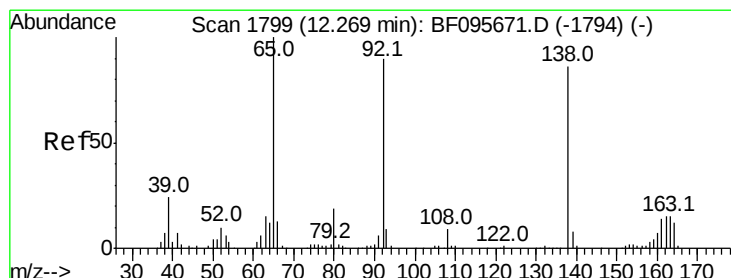
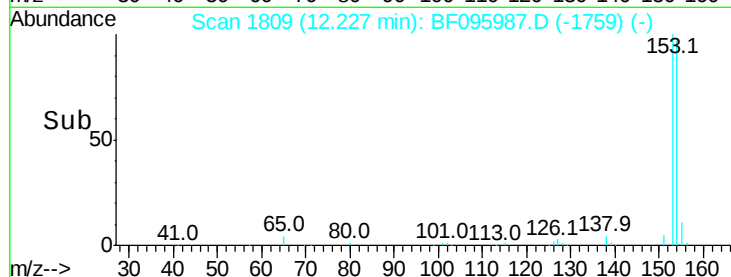
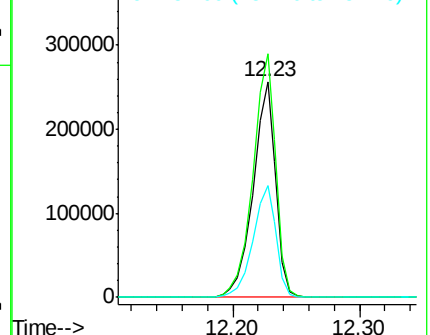
152 51.9 43.6 65.4



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: 32.09 ng

RT: 12.20 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

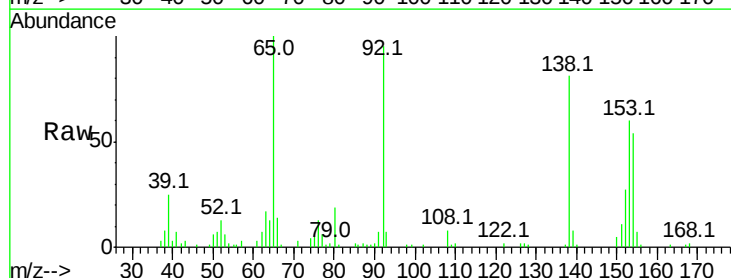
Tgt Ion:138 Resp: 68947

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

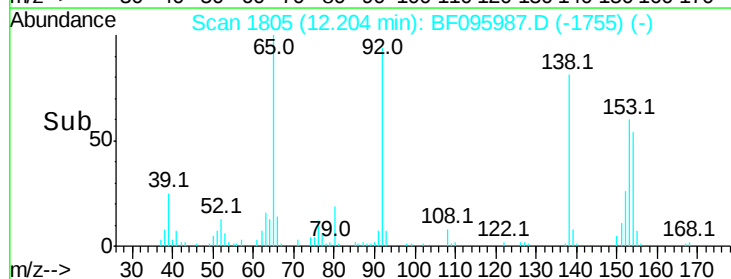
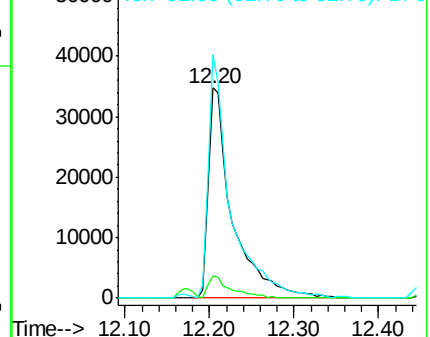
92 116.1 93.8 140.6

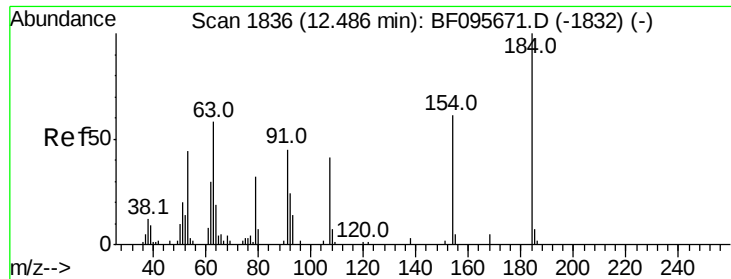


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

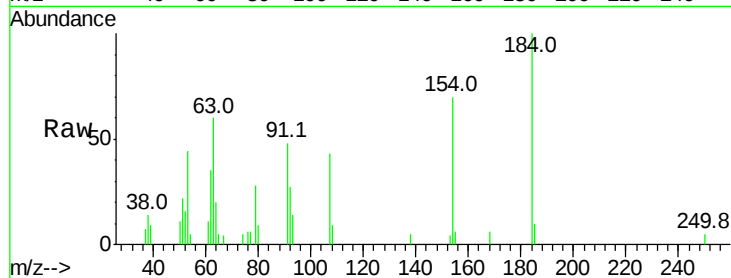




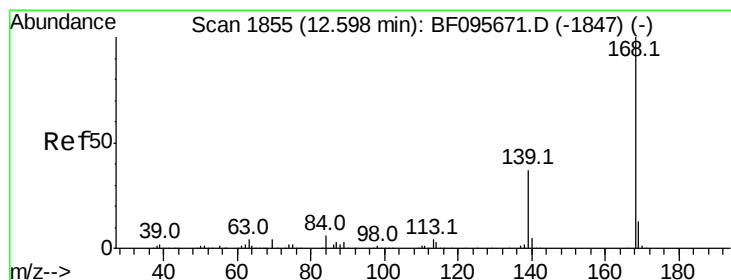
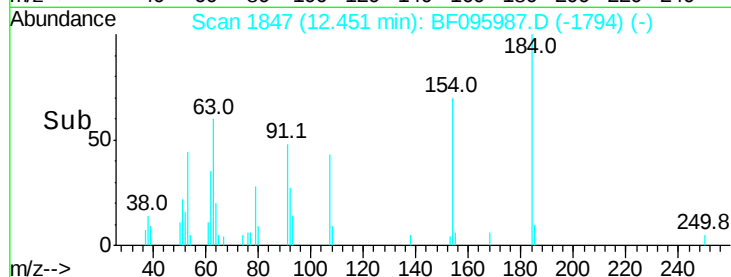
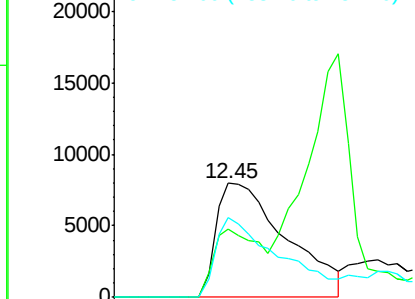
#53
2,4-Dinitrophenol
Concen: 26.75 ng
RT: 12.45 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 23038
Ion Ratio Lower Upper
184 100
63 60.3 62.7 94.1#
154 70.5 81.1 121.7#

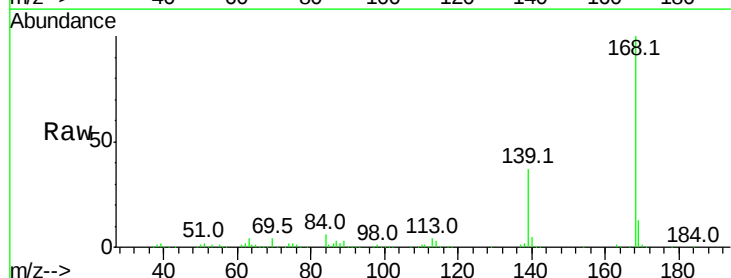


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

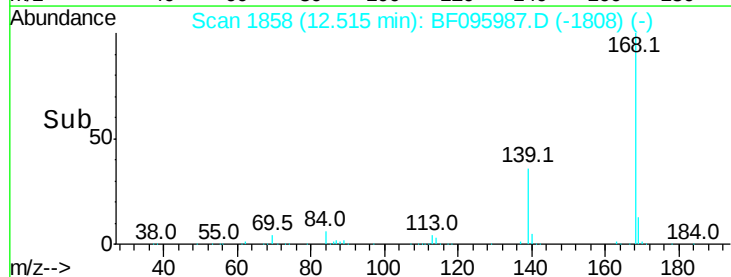
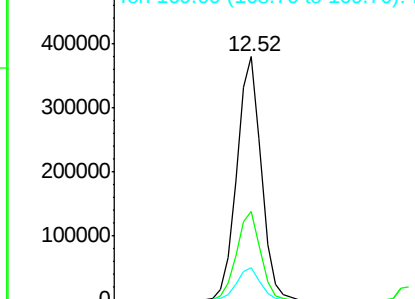


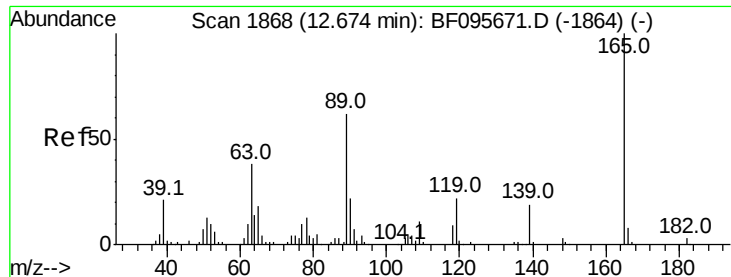
#54
Dibenzofuran
Concen: 48.24 ng
RT: 12.52 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion:168 Resp: 480856
Ion Ratio Lower Upper
168 100
139 36.5 30.6 45.8
169 13.2 10.8 16.2



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

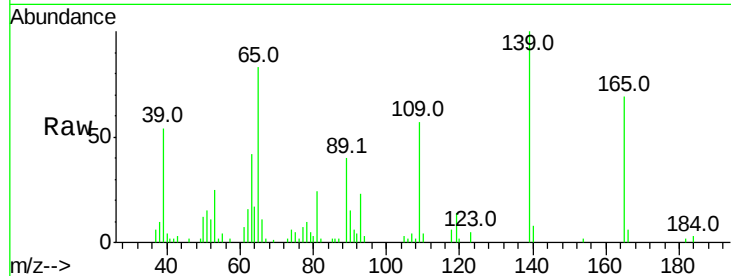




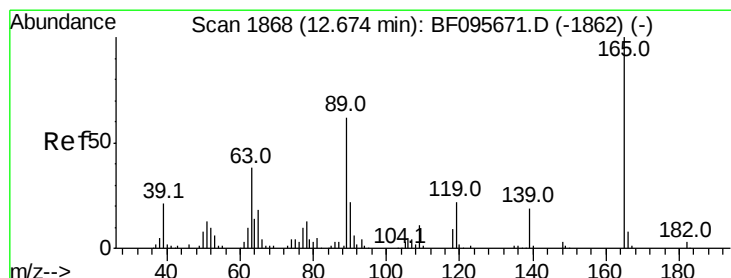
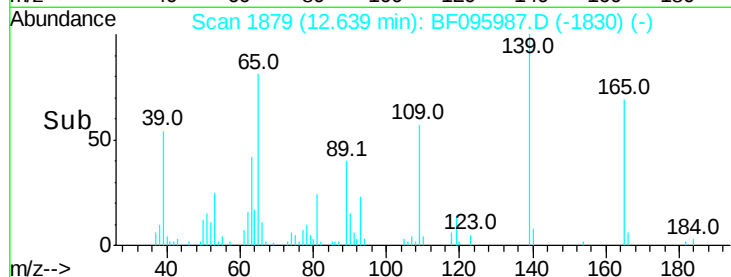
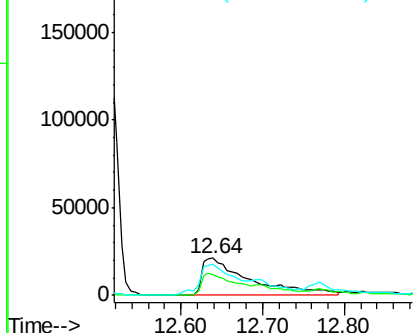
#55
4-Nitrophenol
Concen: 70.11 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 87201
Ion Ratio Lower Upper
139 100
109 57.0 34.1 74.1
65 82.9 31.4 71.4#



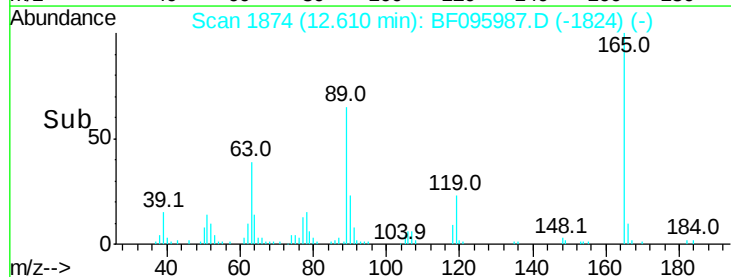
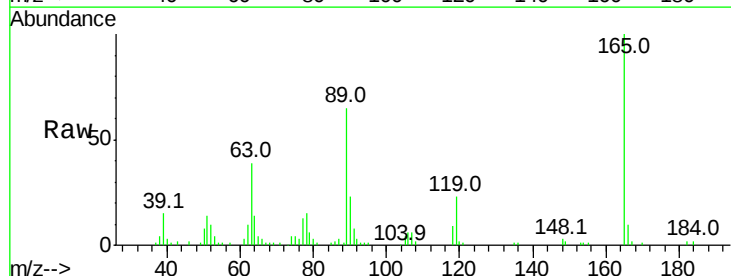
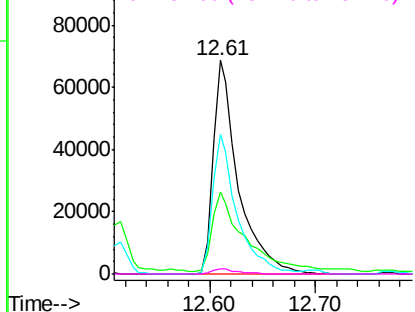
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

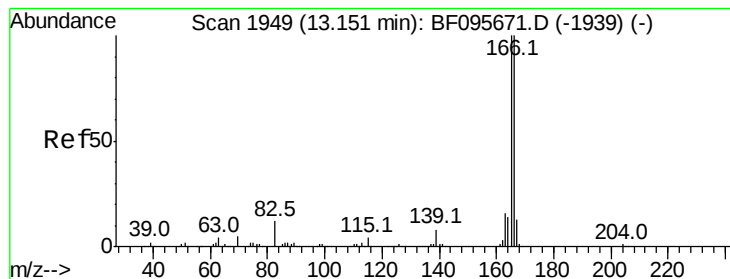


#56
2,4-Dinitrotoluene
Concen: 45.83 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion:165 Resp: 114168
Ion Ratio Lower Upper
165 100
63 38.6 25.4 38.0#
89 65.2 46.4 69.6
182 2.3 1.8 2.6

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





#57

Fluorene

Concen: 43.06 ng

RT: 13.07 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

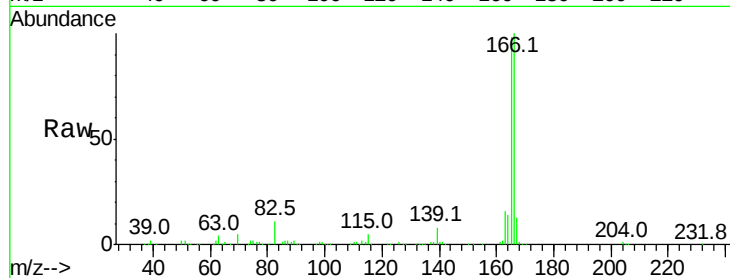
Tot Ion:166 Resp: 373537

Ion Ratio Lower Upper

166 100

165 97.6 78.8 118.2

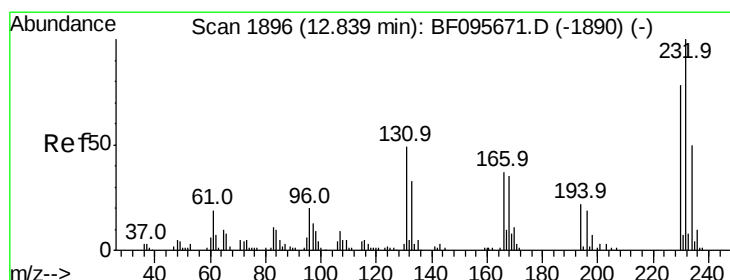
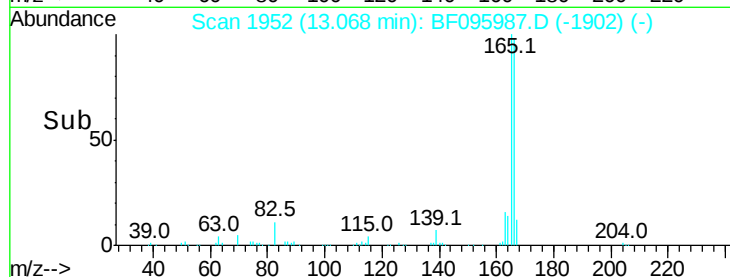
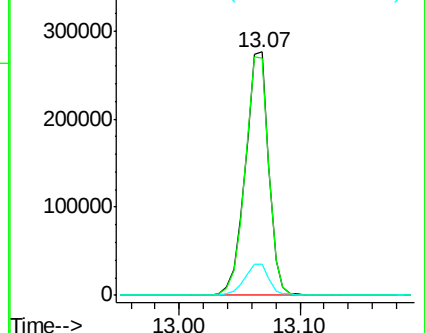
167 12.6 10.6 16.0



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: 44.54 ng

RT: 12.77 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:232 Resp: 69455

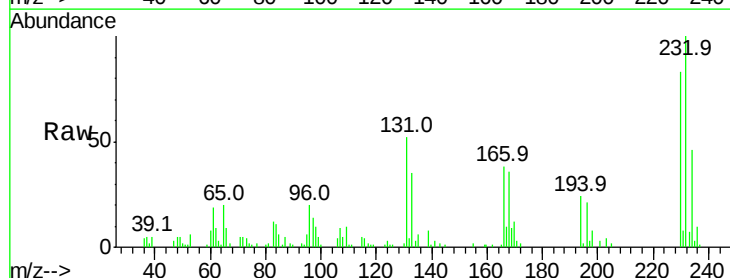
Ion Ratio Lower Upper

232 100

131 52.6 44.8 67.2

130 2.0 2.3 3.5#

166 35.2 29.0 43.4

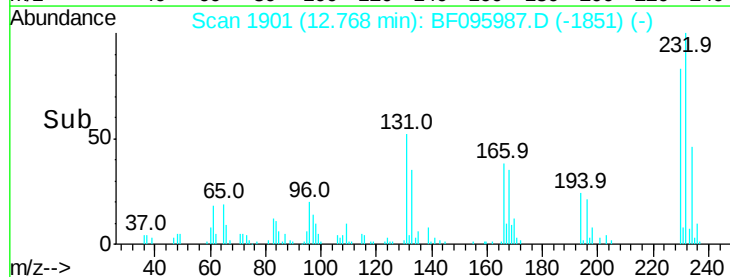
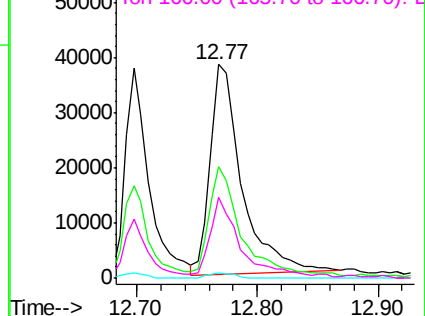


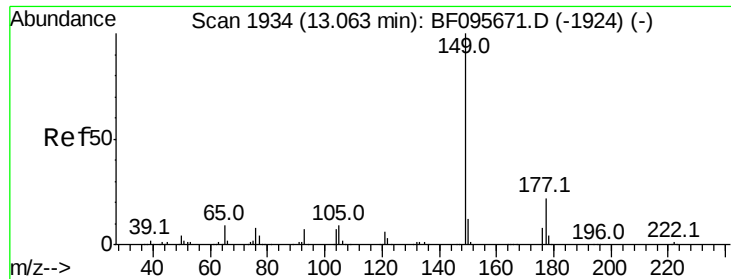
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.62 ng

RT: 12.98 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

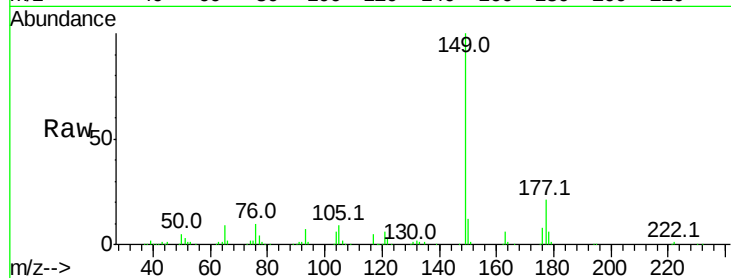
Tot Ion:149 Resp: 379387

Ion Ratio Lower Upper

149 100

177 21.1 16.7 25.1

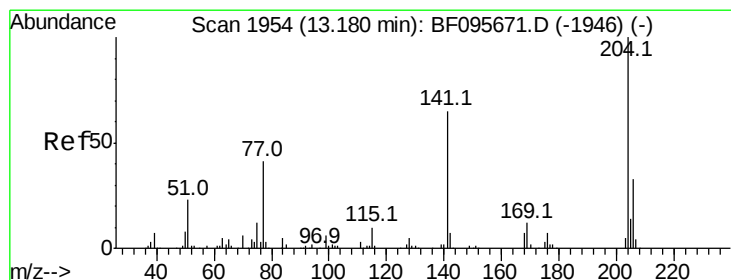
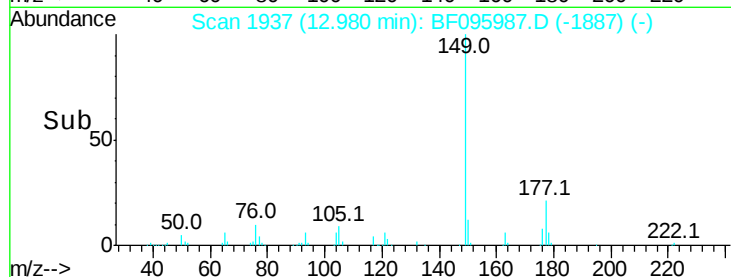
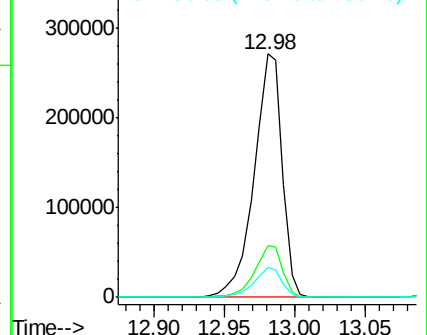
150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.53 ng

RT: 13.09 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

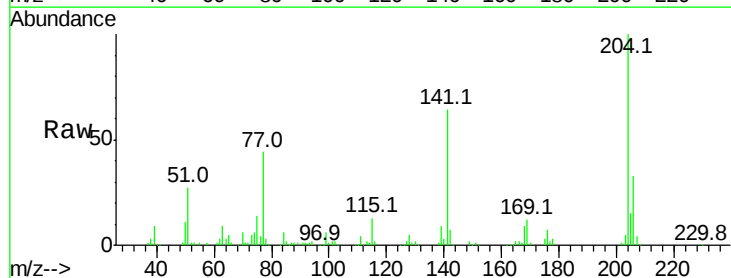
Tgt Ion:204 Resp: 167985

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

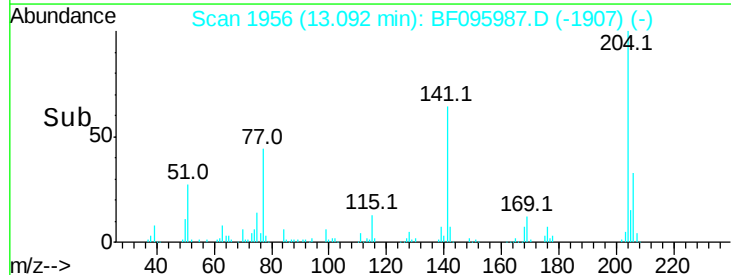
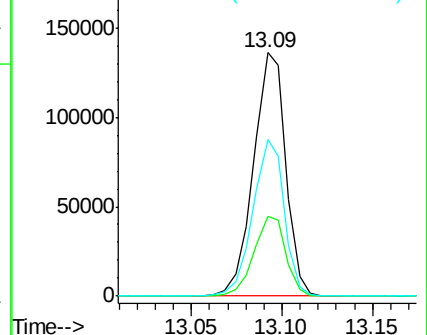
141 64.3 60.8 91.2

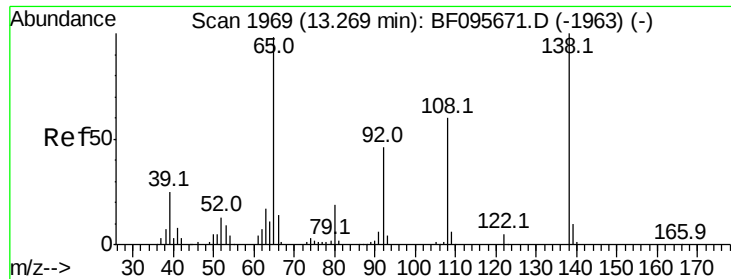


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

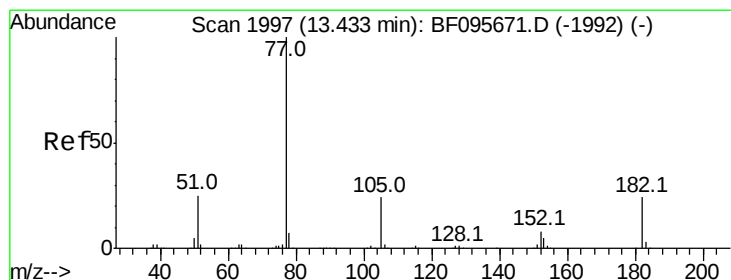
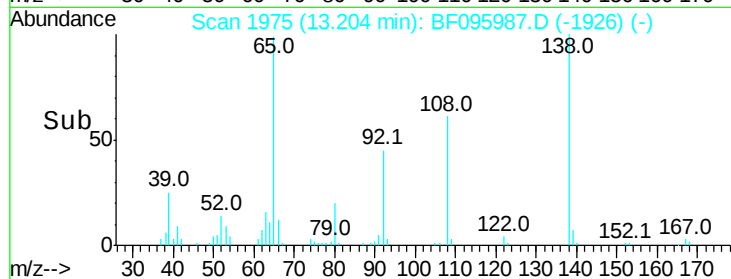
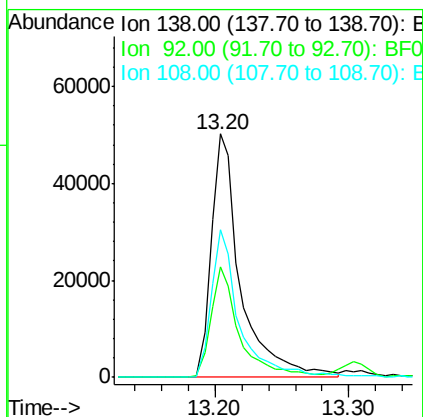
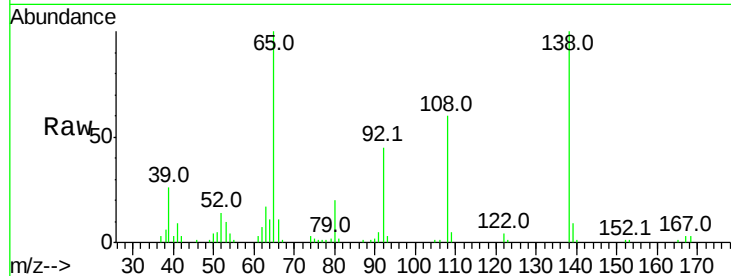




#61
4-Nitroaniline
Concen: 38.40 ng
RT: 13.20 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

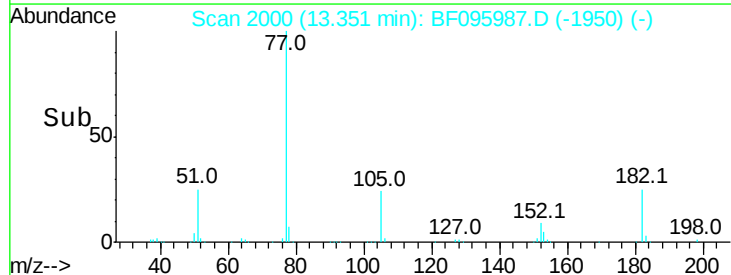
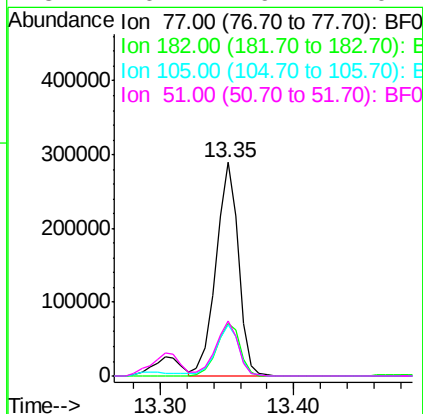
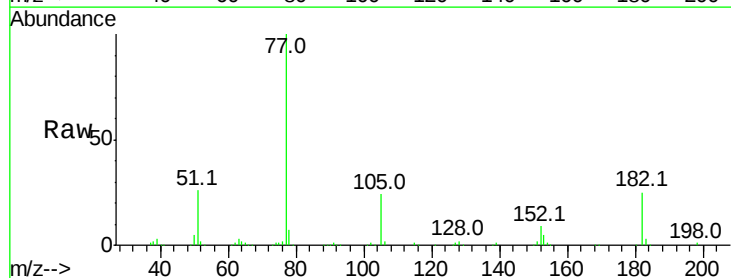
Instrument :
BNA_F
ClientSampleId :

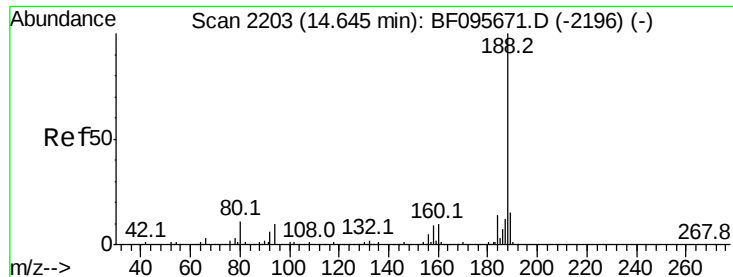
Tot Ion:138 Resp: 77048
Ion Ratio Lower Upper
138 100
92 45.4 21.8 61.8
108 60.7 42.3 82.3



#62
Azobenzene
Concen: 46.62 ng
RT: 13.35 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion: 77 Resp: 343810
Ion Ratio Lower Upper
77 100
182 24.7 0.1 40.1
105 24.0 3.6 43.6
51 26.1 9.4 49.4

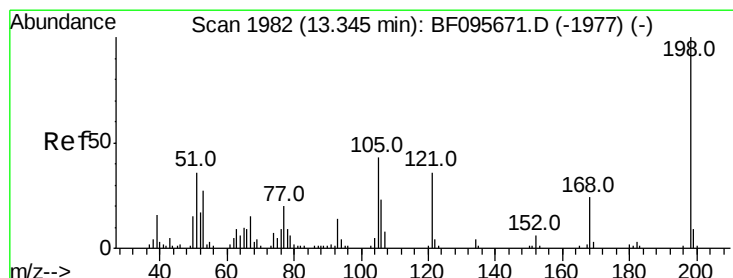
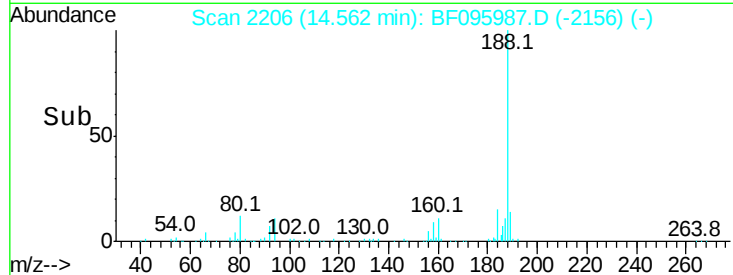
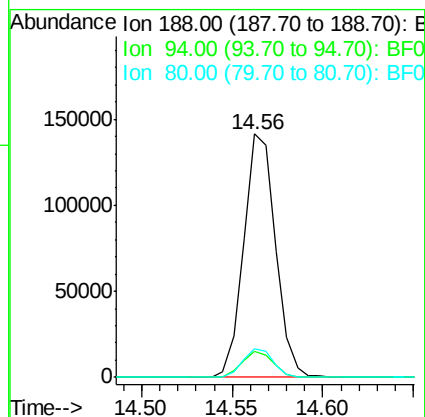
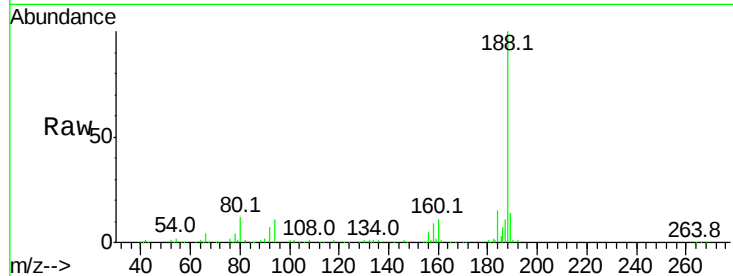




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

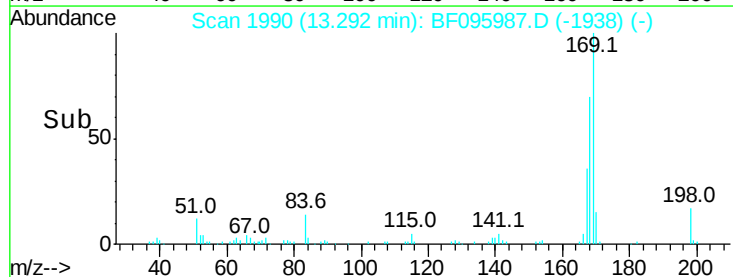
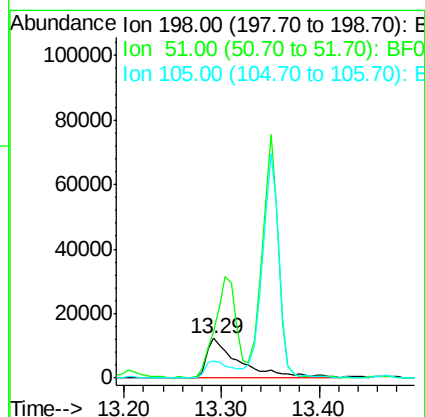
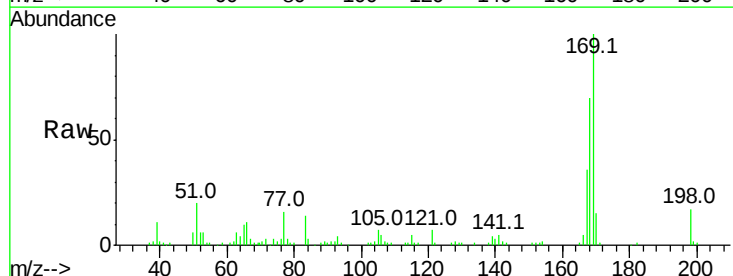
Instrument :
BNA_F
ClientSampleId :

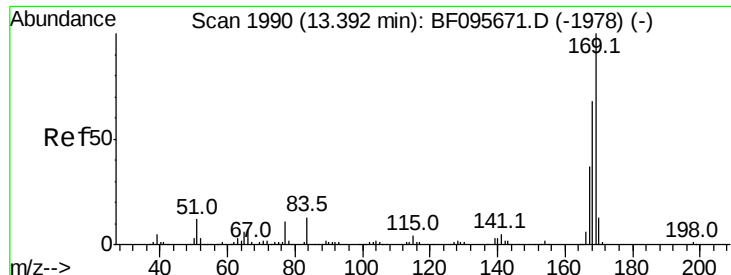
Tot Ion:188 Resp: 172464
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 25.87 ng
RT: 13.29 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion:198 Resp: 29323
Ion Ratio Lower Upper
198 100
51 118.4 53.2 93.2#
105 42.5 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 51.05 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

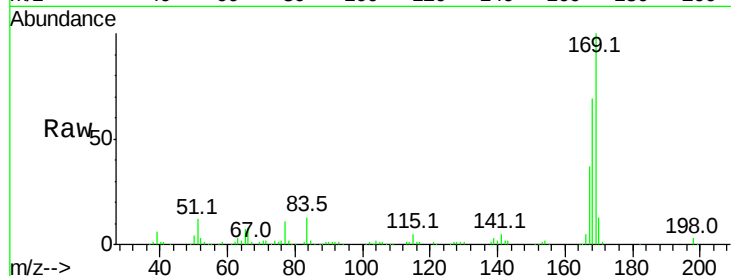
Tot Ion:169 Resp: 316336

Ion Ratio Lower Upper

169 100

168 69.2 53.2 79.8

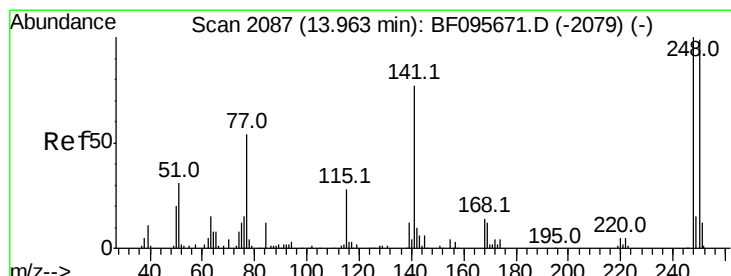
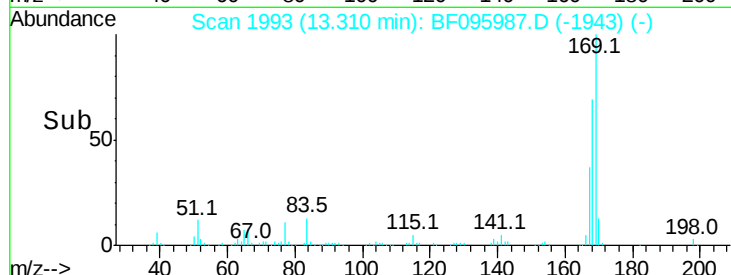
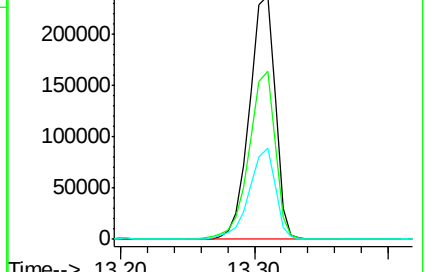
167 37.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.67 ng

RT: 13.87 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

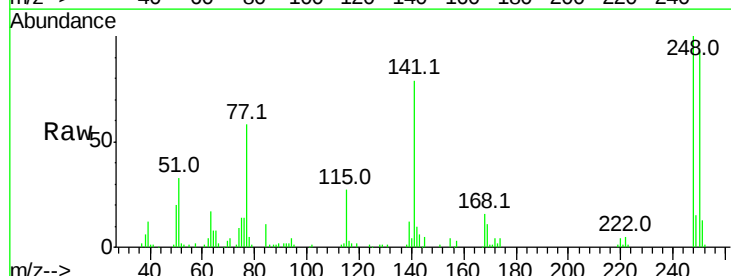
Tgt Ion:248 Resp: 90818

Ion Ratio Lower Upper

248 100

250 93.1 76.8 115.2

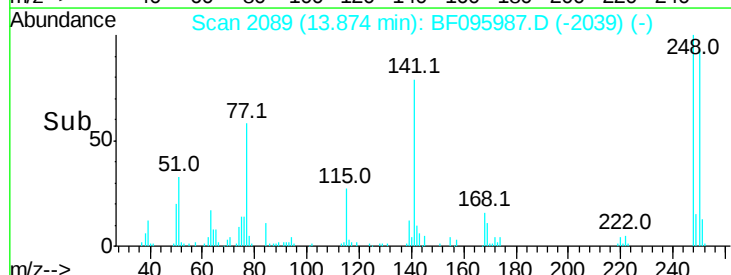
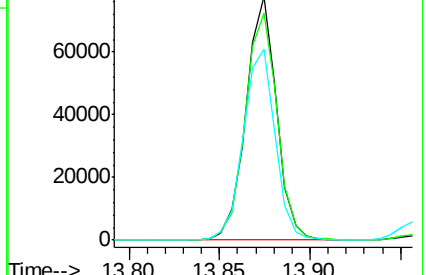
141 78.6 68.6 103.0



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: 48.36 ng

RT: 13.96 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

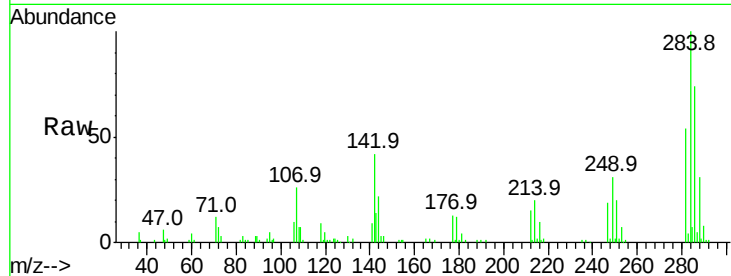
Tot Ion:284 Resp: 85421

Ion Ratio Lower Upper

284 100

142 41.6 22.8 34.2#

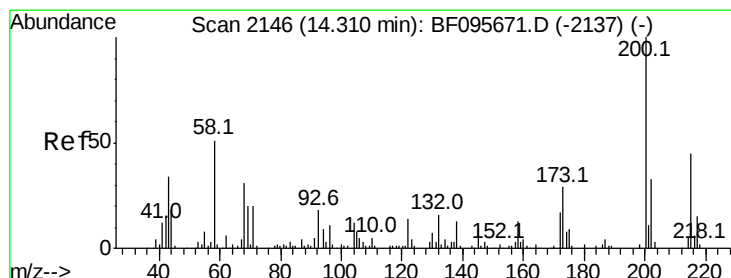
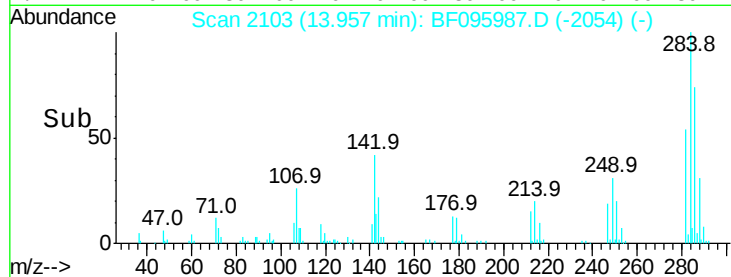
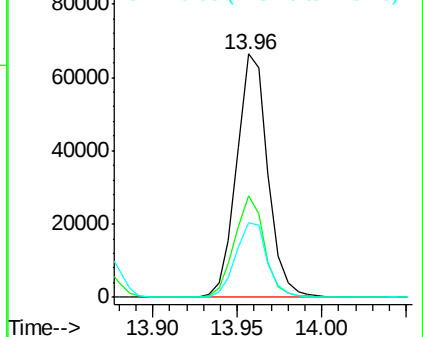
249 30.6 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.02 ng

RT: 14.23 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

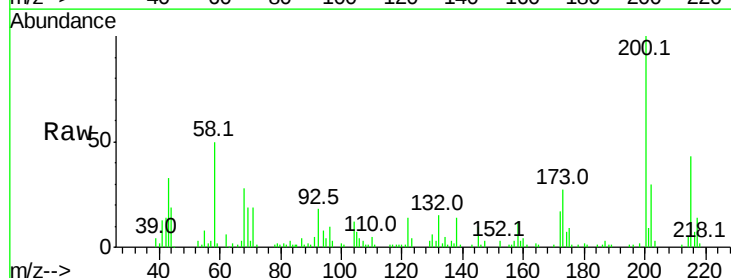
Tgt Ion:200 Resp: 91449

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

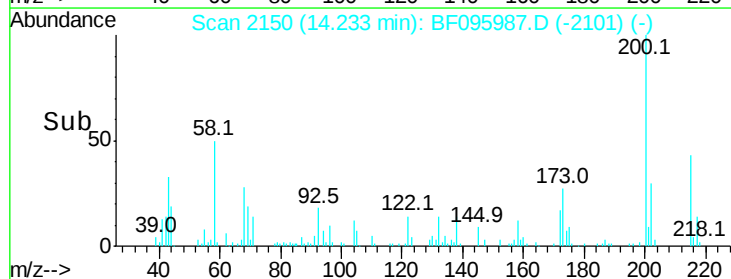
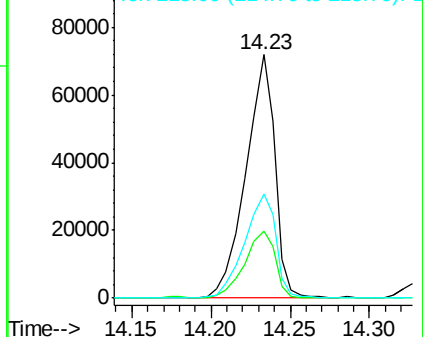
215 42.8 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

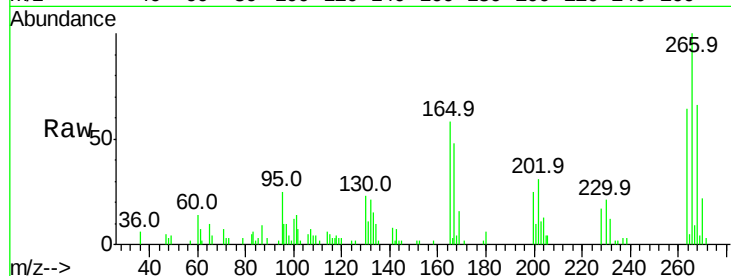




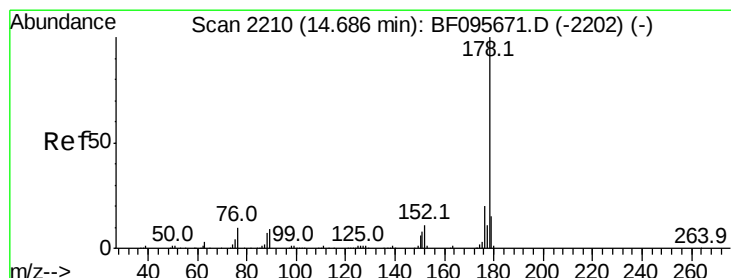
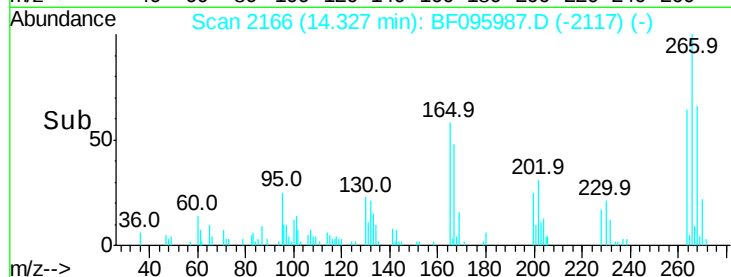
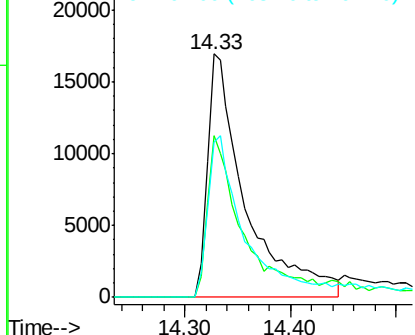
#69
 Pentachlorophenol
 Concen: 64.91 ng
 RT: 14.33 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 42563
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 63.6 51.7 77.5

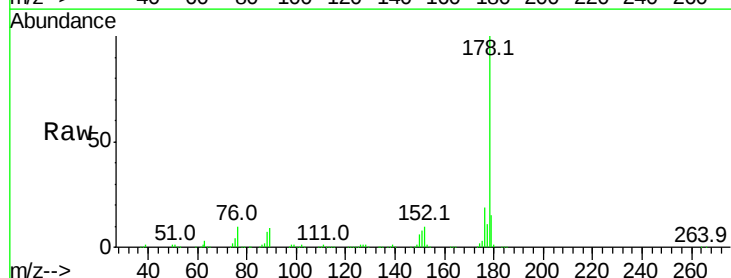


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

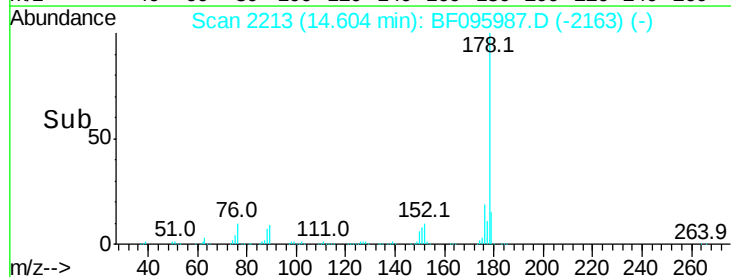
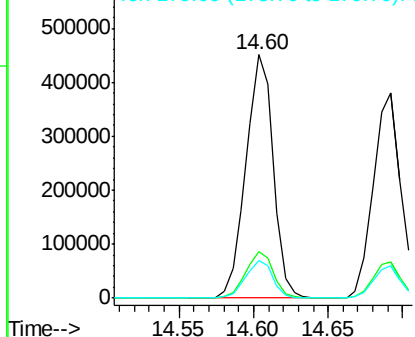


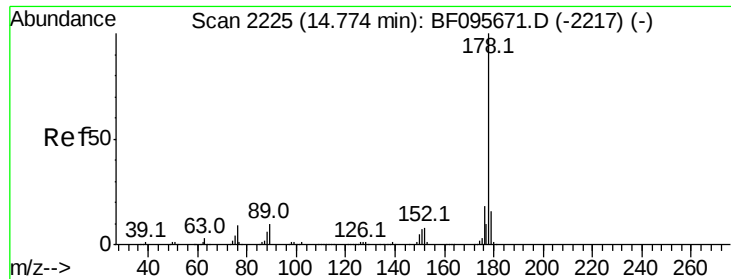
#70
 Phenanthrene
 Concen: 57.38 ng
 RT: 14.60 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion:178 Resp: 570983
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.2 12.6 19.0



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

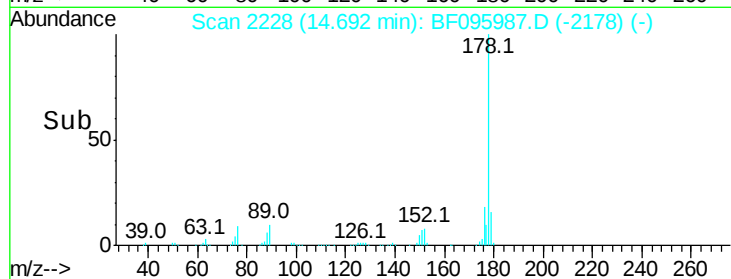
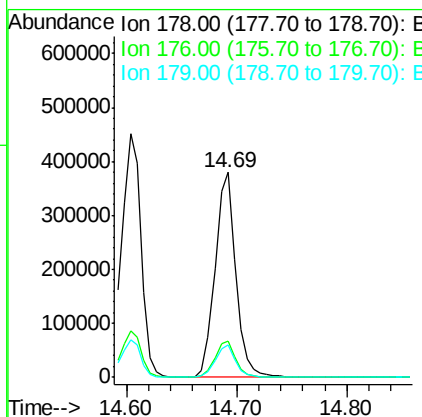
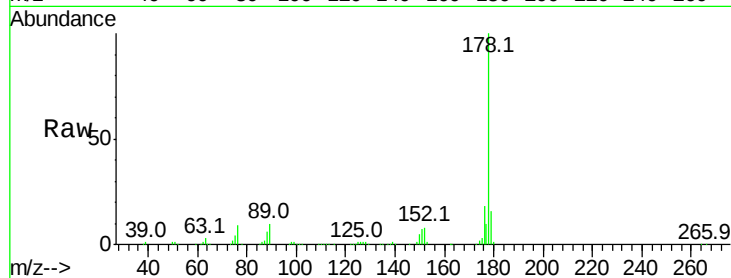




#71
 Anthracene
 Concen: 47.54 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

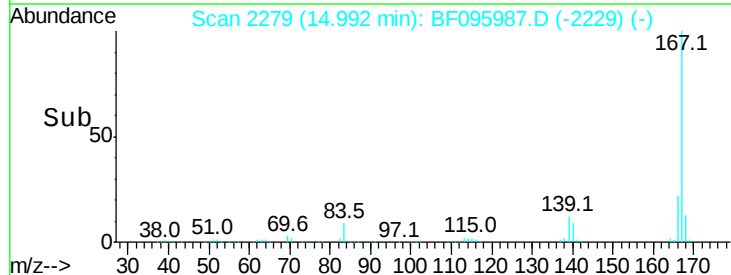
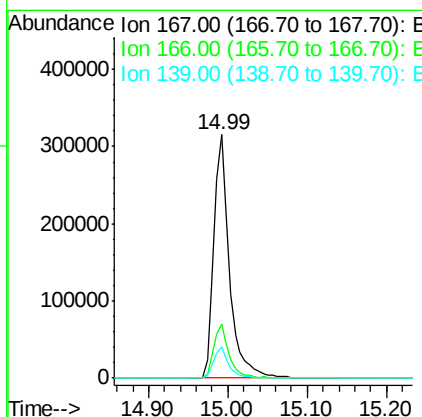
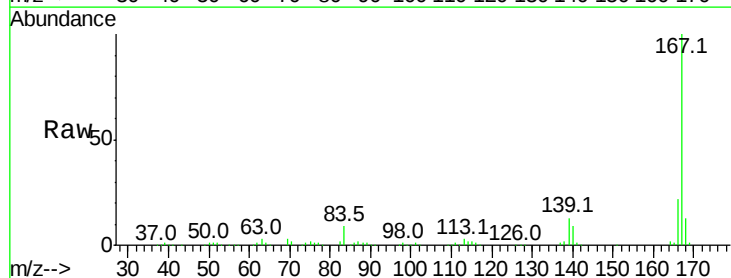
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 493869
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 42.65 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion:167 Resp: 431758
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.6 11.7 17.5

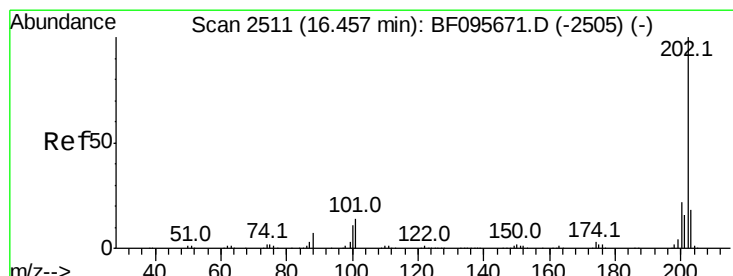
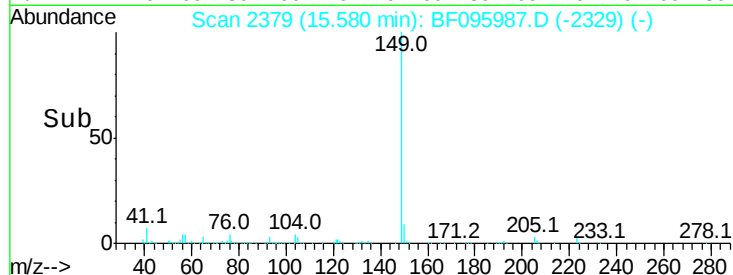
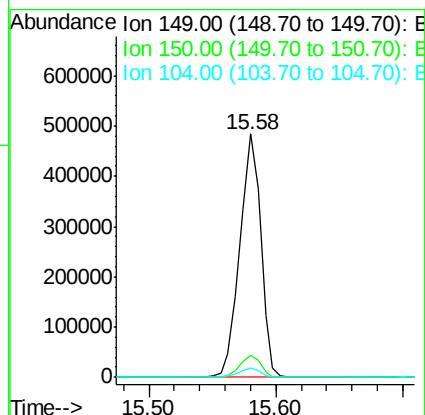
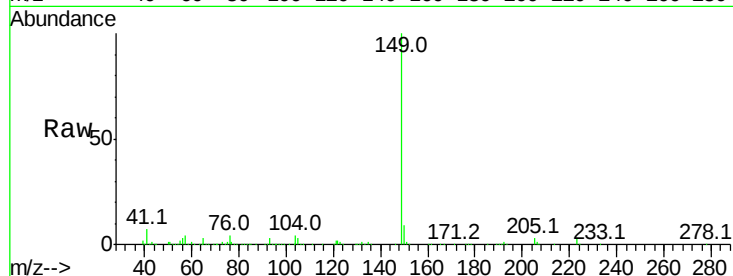




#73
Di-n-butylphthalate
Concen: 51.17 ng
RT: 15.58 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

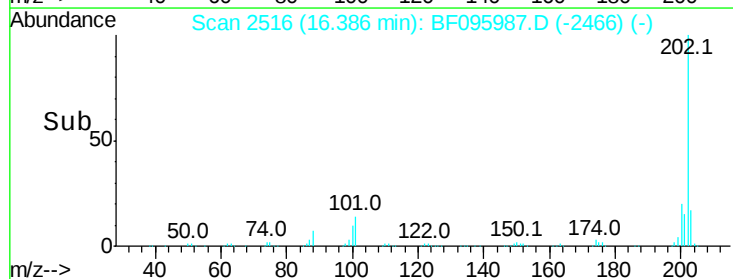
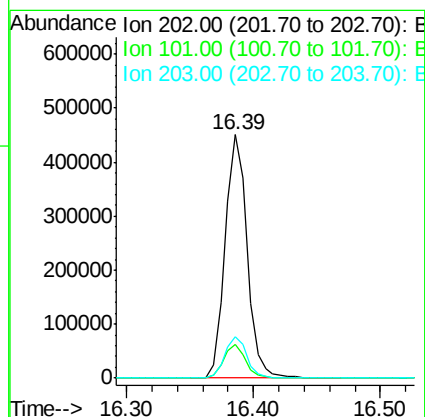
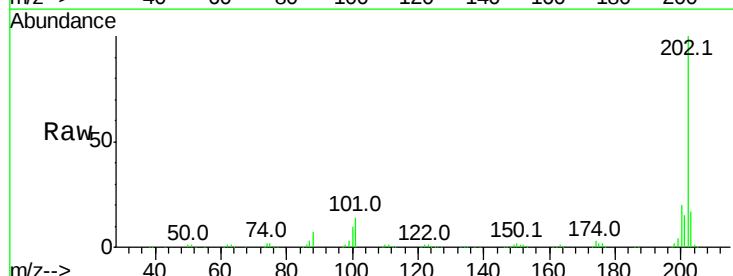
Instrument :
BNA_F
ClientSampleId :

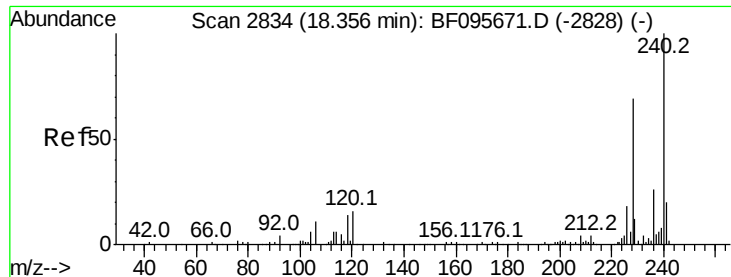
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.0	4.0	6.0



#74
Fluoranthene
Concen: 55.12 ng
RT: 16.39 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

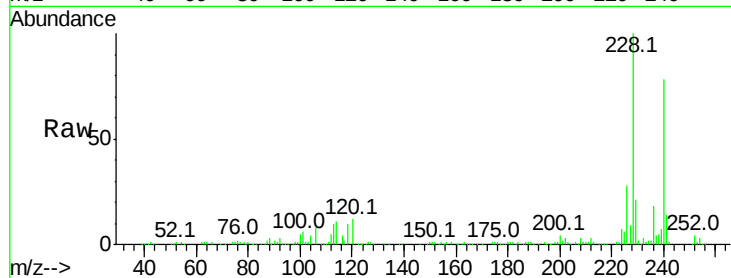
Tot Ion:240 Resp: 121621

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

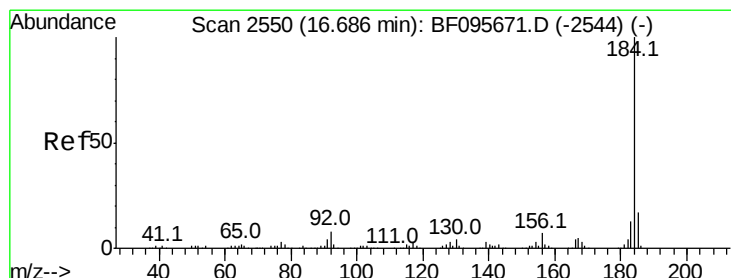
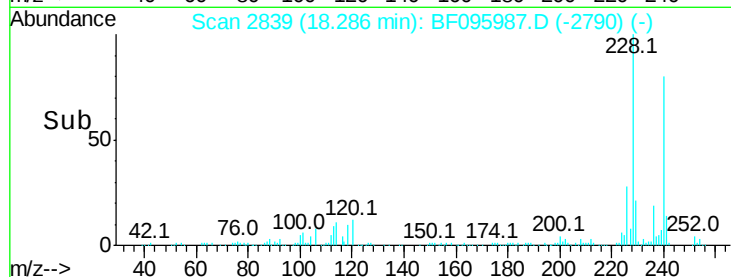
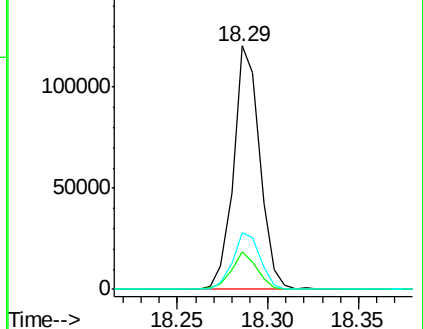
236 23.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.47 ng

RT: 16.62 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

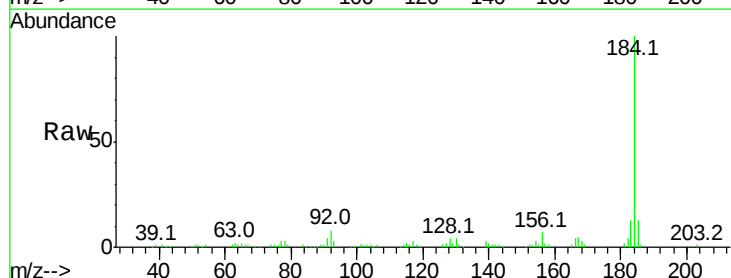
Tgt Ion:184 Resp: 156327

Ion Ratio Lower Upper

184 100

185 13.4 15.5 23.3#

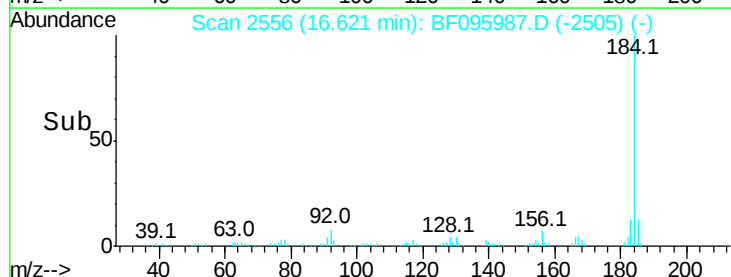
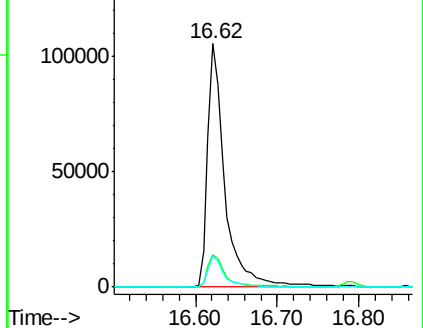
183 12.7 9.8 14.6

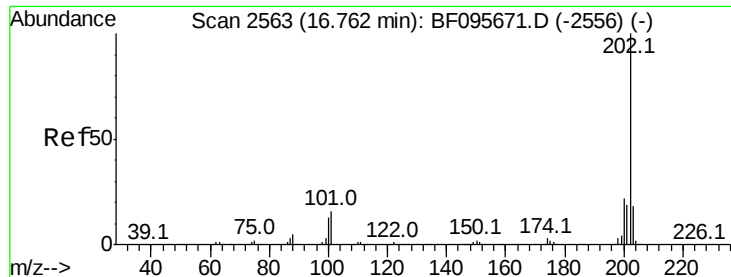


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

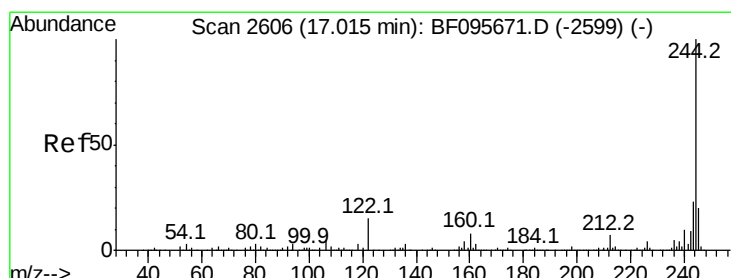
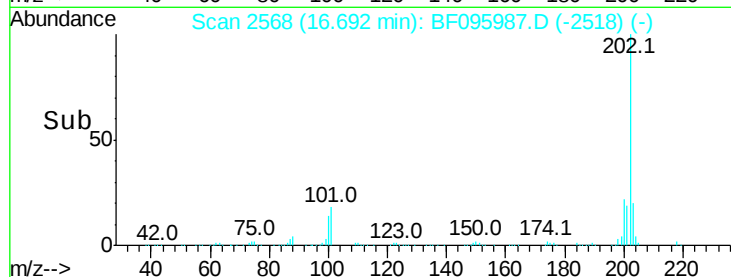
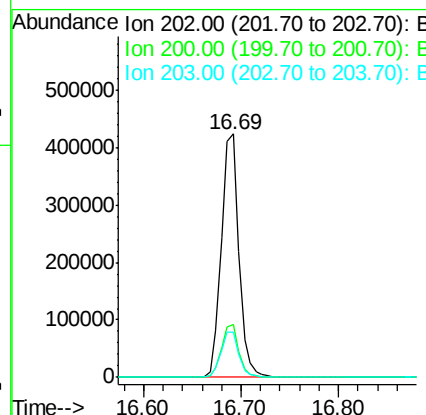
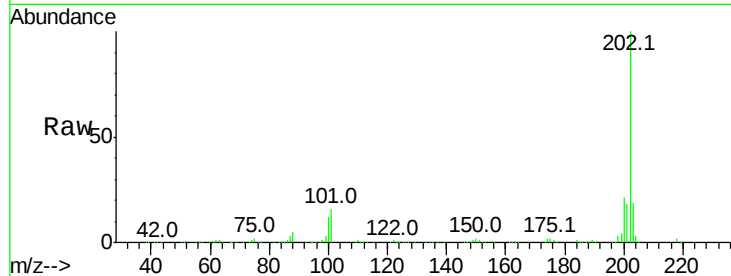




#77
Pvrene
Concen: 58.46 ng
RT: 16.69 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

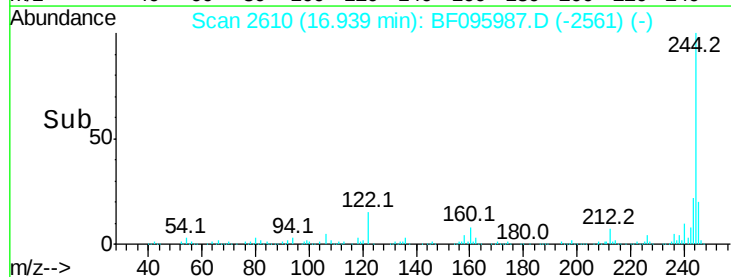
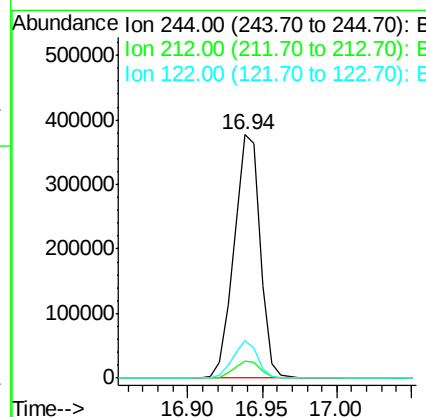
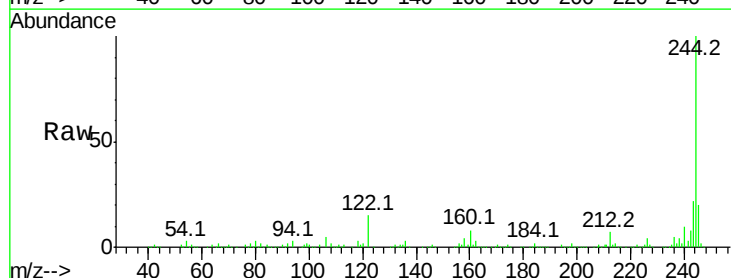
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 530529
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.5 14.4 21.6



#78
Terphenyl-d14
Concen: 94.43 ng
RT: 16.94 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion:244 Resp: 462756
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 15.3 10.3 15.5

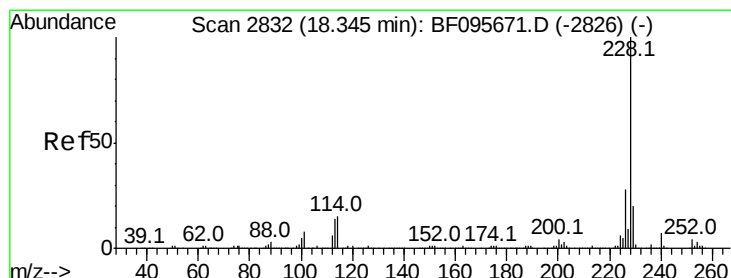
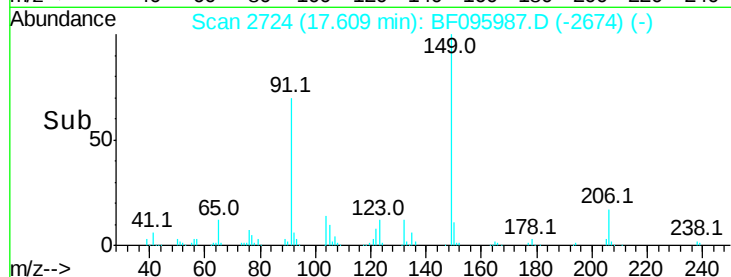
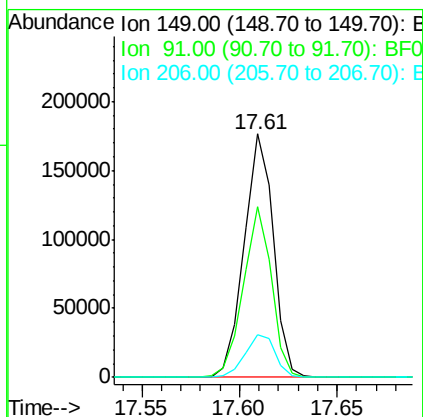
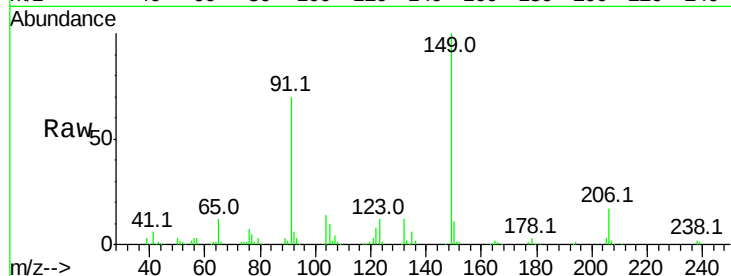




#79
Butylbenzylphthalate
Concen: 46.35 ng
RT: 17.61 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

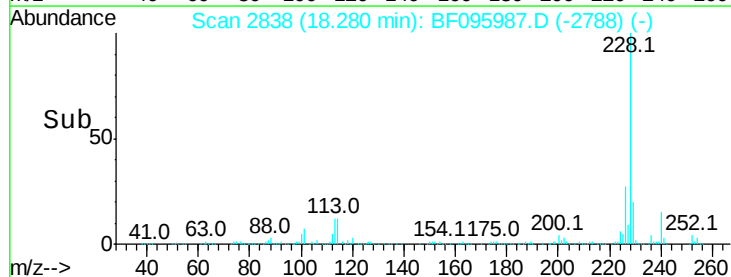
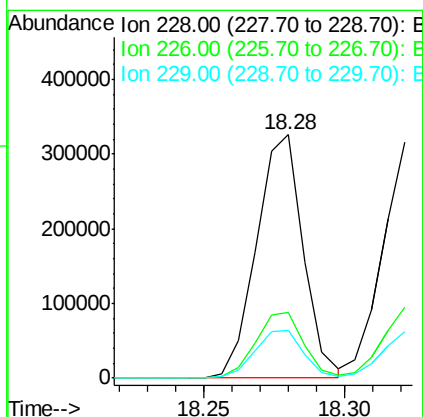
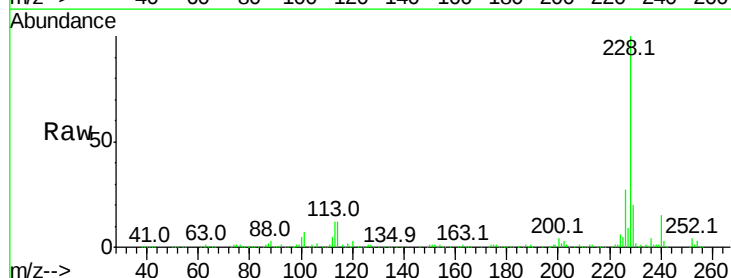
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 183698
Ion Ratio Lower Upper
149 100
91 70.0 45.0 67.4#
206 17.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 52.84 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion:228 Resp: 373629
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.7 16.3 24.5

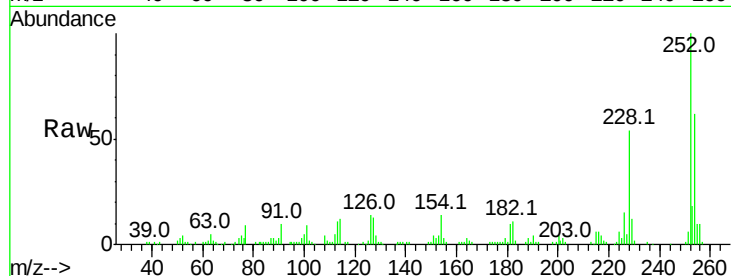




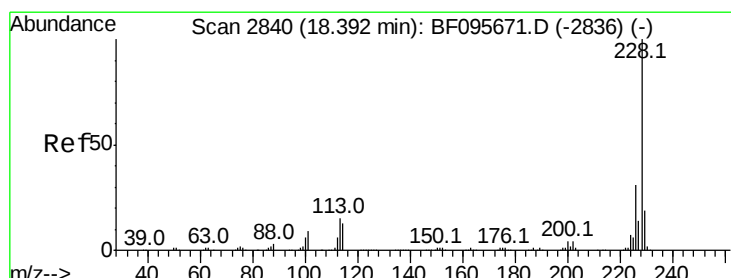
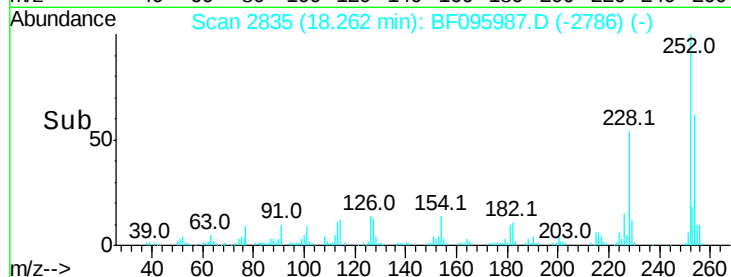
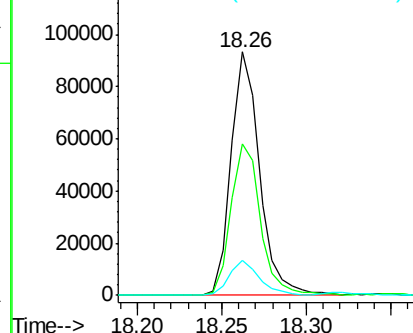
#81
 3,3'-Dichlorobenzidine
 Concen: 43.77 ng
 RT: 18.26 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.5	77.3
126	14.3	15.8	23.8

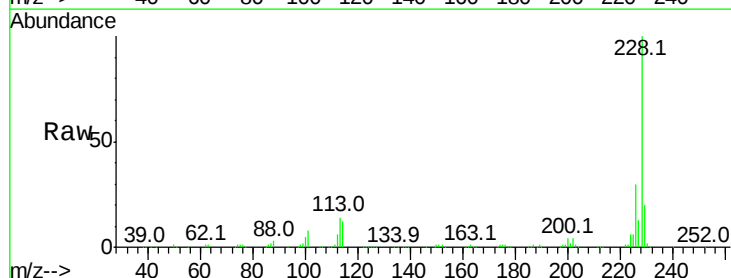


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

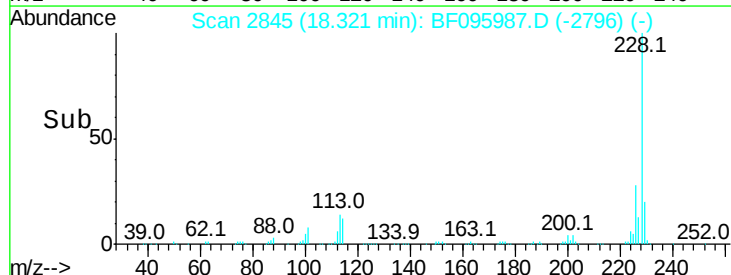
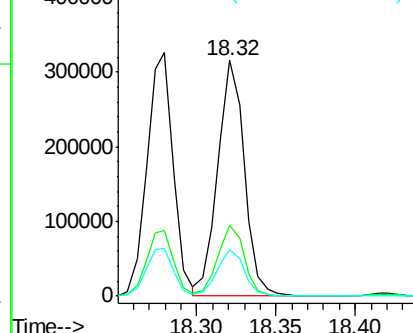


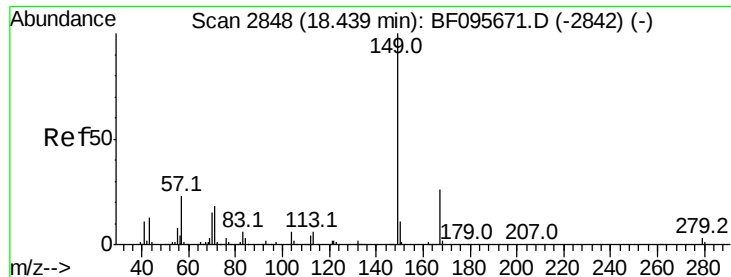
#82
 Chrysene
 Concen: 51.97 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.8	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.46 ng

RT: 18.36 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

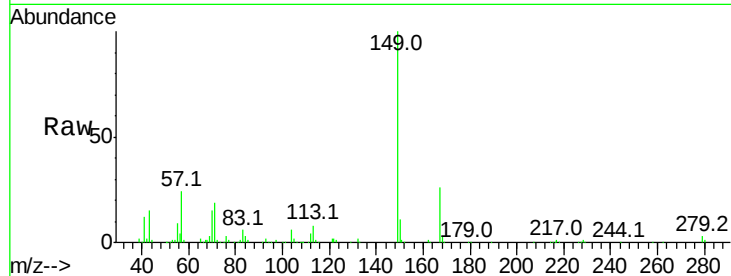
Tot Ion:149 Resp: 248578

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

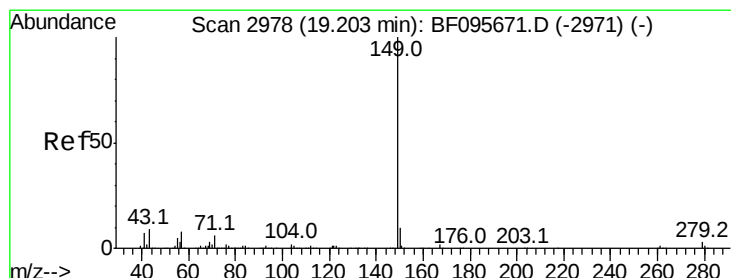
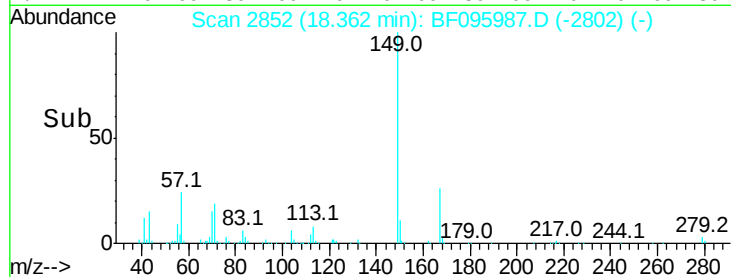
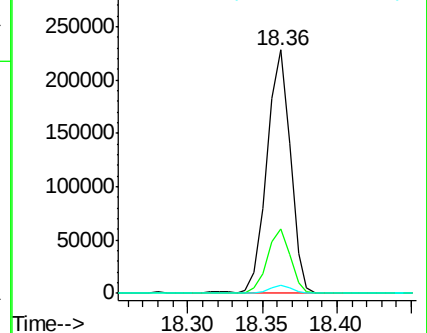
279 3.2 1.9 2.9#



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: 45.72 ng

RT: 19.13 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

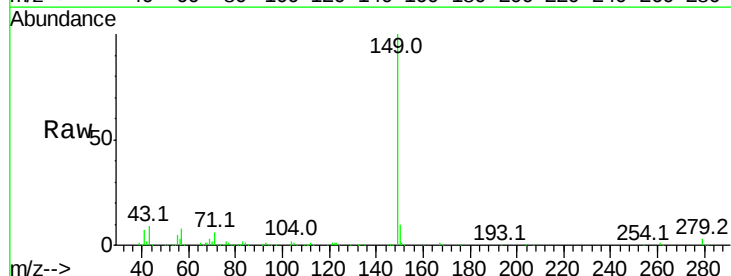
Tgt Ion:149 Resp: 421152

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

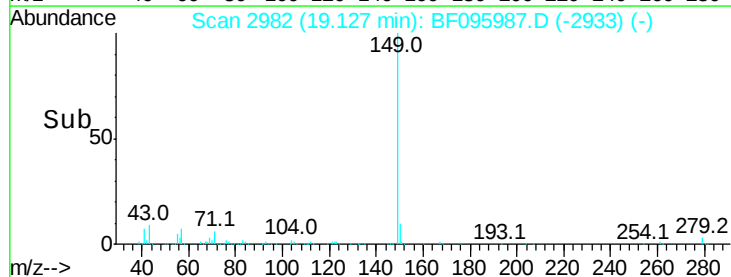
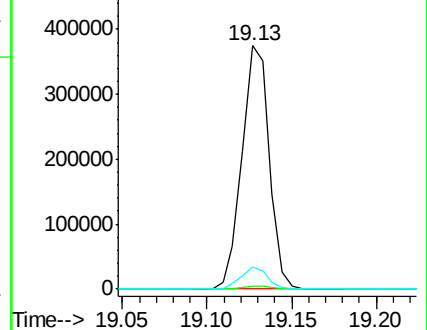
43 8.7 8.5 12.7



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

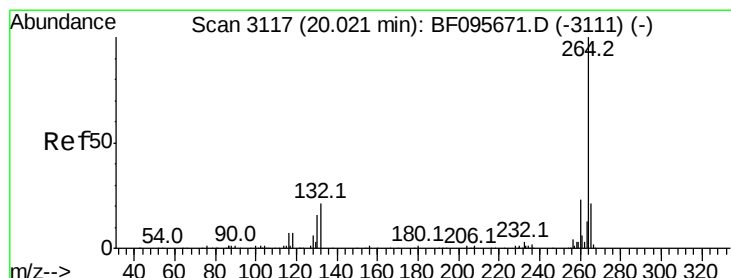
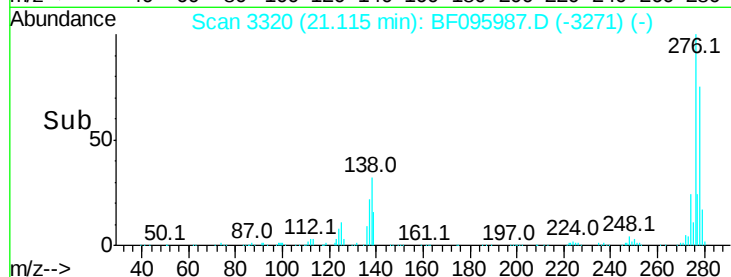
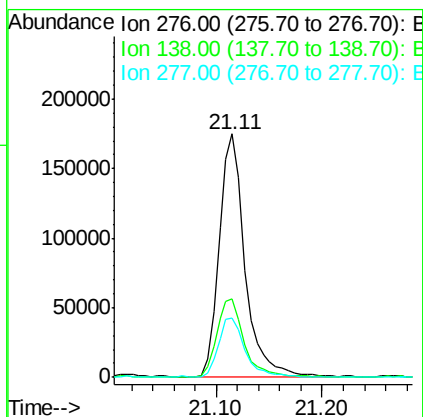
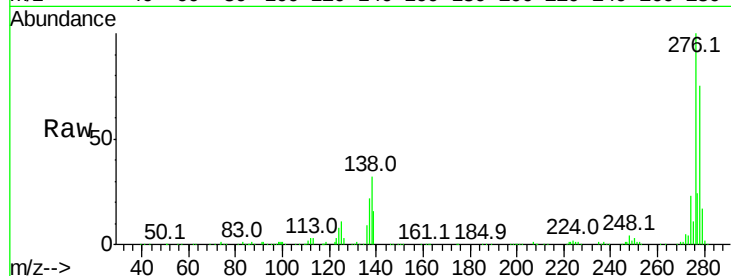




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.92 ng
 RT: 21.11 min Scan# 3320
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

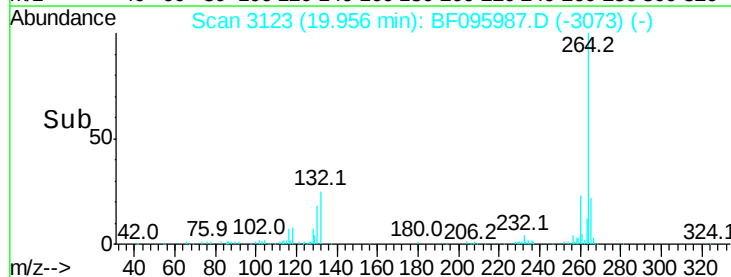
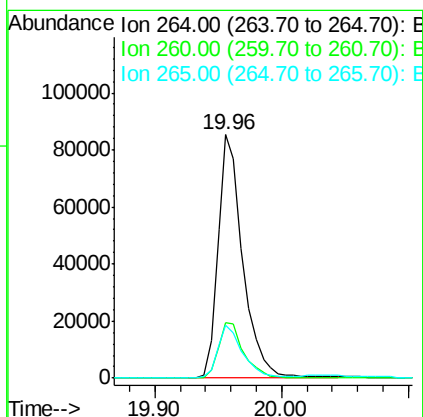
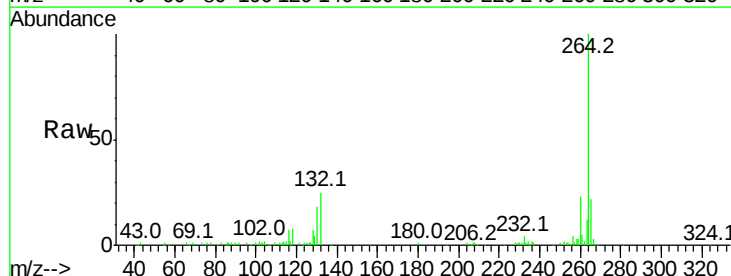
Instrument :
 BNA_F
 ClientSampleID :

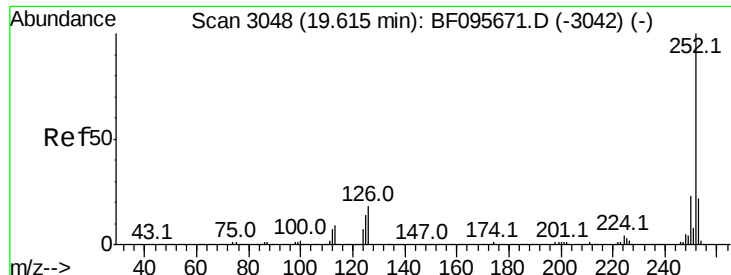
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 55.34 ng

RT: 19.55 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

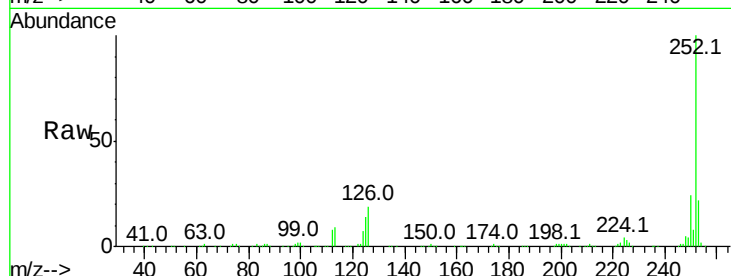
Tot Ion:252 Resp: 402939

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

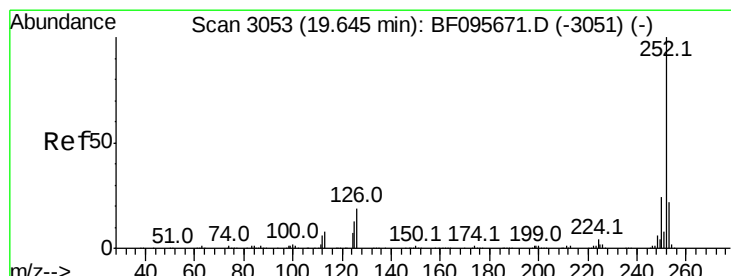
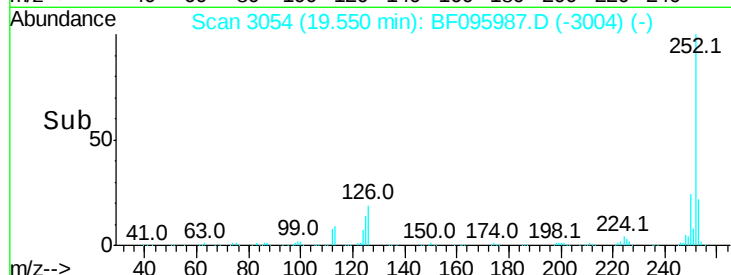
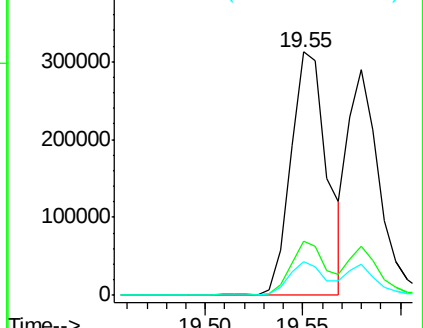
125 14.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.39 ng

RT: 19.58 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

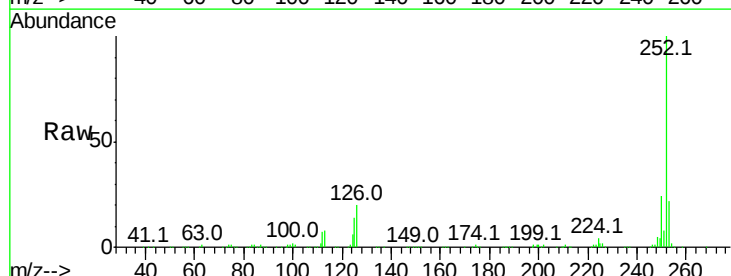
Tgt Ion:252 Resp: 322870

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

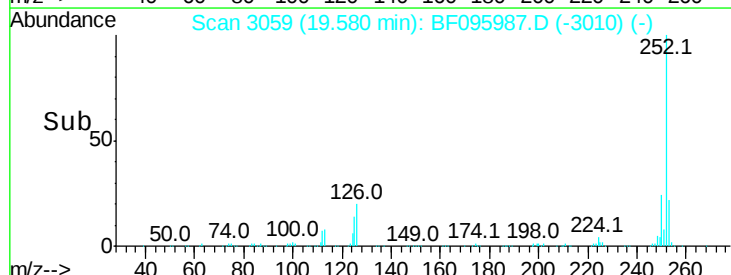
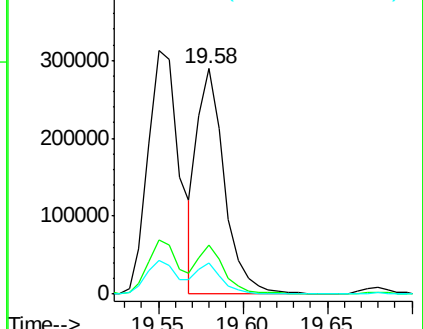
125 13.8 13.1 19.7

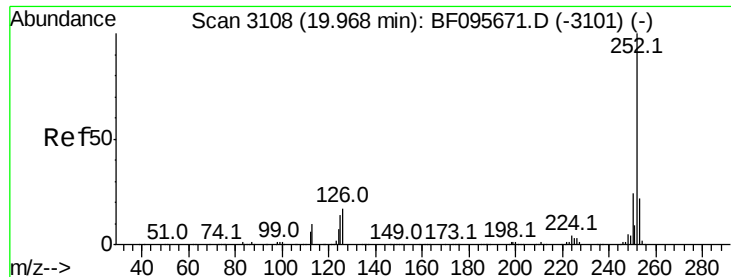


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.21 ng

RT: 19.90 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

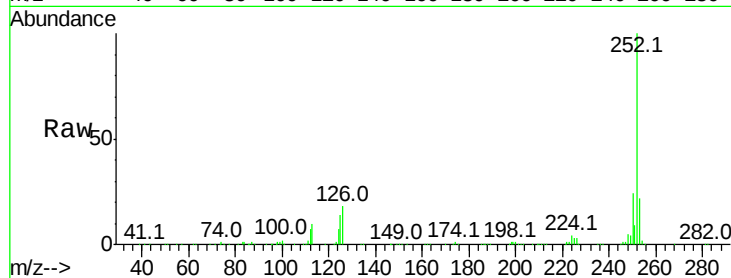
Tot Ion:252 Resp: 349395

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

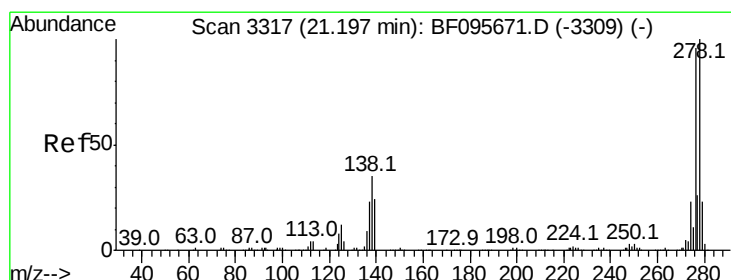
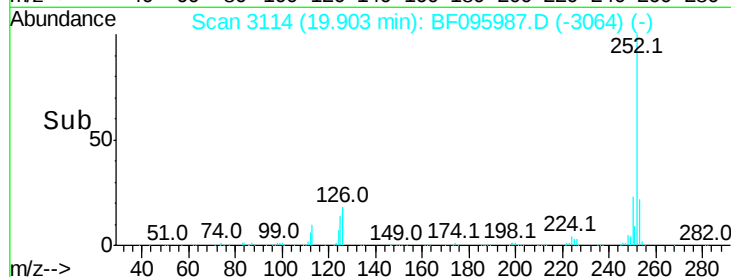
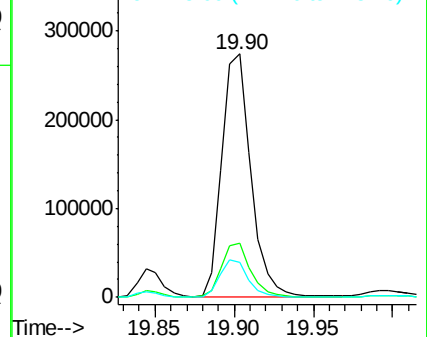
125 14.1 11.0 16.4



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: 42.95 ng

RT: 21.11 min Scan# 3320

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

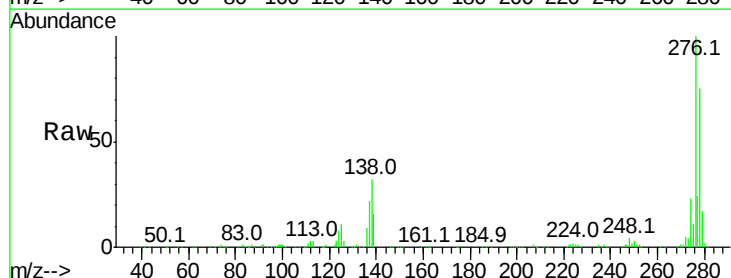
Tgt Ion:278 Resp: 243803

Ion Ratio Lower Upper

278 100

139 21.3 16.6 24.8

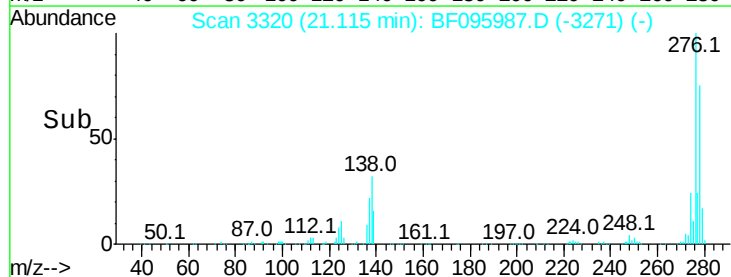
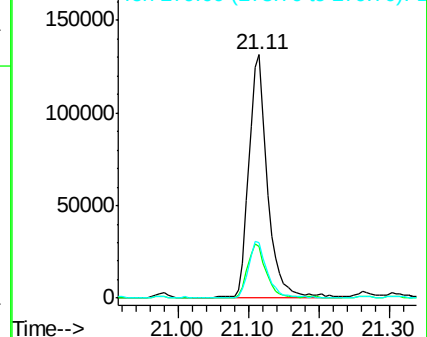
279 22.6 19.3 28.9

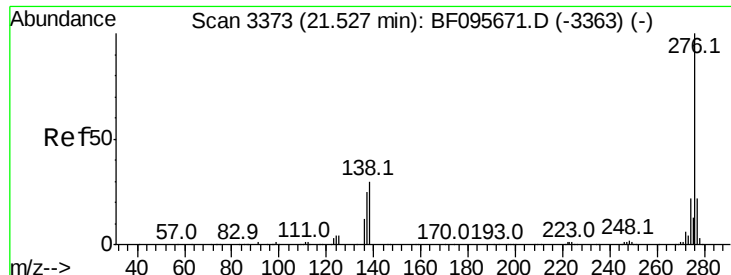


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.07 ng

RT: 21.44 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

ClientSampleId :

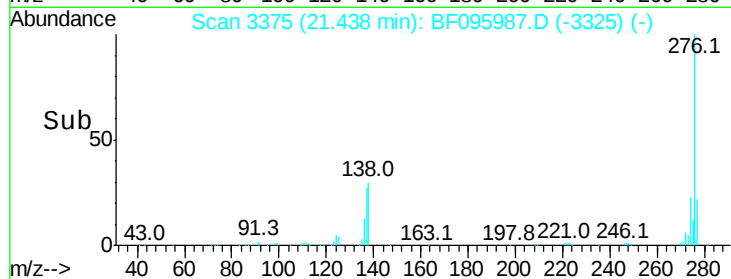
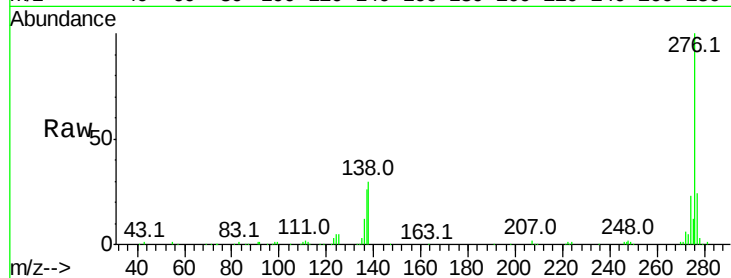
Tot Ion: 276 Resp: 243442

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 30.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

