

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095745.D
 Acq On : 7 Jun 2017 14:43
 Operator : SJ/MA
 Sample : PB99520BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:05:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	70255	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	300967	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	139013	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	254167	20.00	ng	-0.01
75) Chrysene-d12	18.35	240	205994	20.00	ng	0.00
86) Perylene-d12	20.01	264	171395	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	567662	128.75	ng	0.00
7) Phenol-d6	6.95	99	674759	127.84	ng	0.00
23) Nitrobenzene-d5	8.30	82	400587	82.66	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	155271	126.24	ng	-0.01
44) 2-Fluorobiphenyl	11.20	172	835656	83.65	ng	-0.02
78) Terphenyl-d14	17.01	244	721875	86.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	68119	32.48	ng	# 90
3) Pyridine	2.32	79	176299	35.76	ng	97
4) n-Nitrosodimethylamine	2.29	42	75085	40.06	ng	# 78
6) Aniline	6.88	93	186356	26.99	ng	96
8) 2-Chlorophenol	7.07	128	210785	44.96	ng	96
9) Benzaldehyde	6.69	77	96771	27.18	ng	96
10) Phenol	6.96	94	246690	45.05	ng	90
11) bis(2-Chloroethyl)ether	7.03	93	188264	43.40	ng	97
12) 1,3-Dichlorobenzene	7.28	146	220742	41.60	ng	98
13) 1,4-Dichlorobenzene	7.41	146	226676	42.13	ng	98
14) 1,2-Dichlorobenzene	7.64	146	212940	42.93	ng	96
15) Benzyl Alcohol	7.69	79	168189	46.42	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.88	45	260766	42.79	ng	97
17) 2-Methylphenol	7.91	107	172872	43.94	ng	99
18) Hexachloroethane	8.16	117	76994	43.32	ng	# 87
19) n-Nitroso-di-n-propylamine	8.12	70	145399	43.47	ng	92
20) 3+4-Methylphenols	8.17	107	227227	45.50	ng	# 60
22) Acetophenone	8.07	105	293552	41.67	ng	# 83
24) Nitrobenzene	8.33	77	202985	39.21	ng	95
25) Isophorone	8.73	82	375723	41.52	ng	95
26) 2-Nitrophenol	8.84	139	115935	42.77	ng	98
27) 2,4-Dimethylphenol	8.99	122	186342	44.29	ng	98
28) bis(2-Chloroethoxy)methane	9.12	93	252466	42.33	ng	99
29) 2,4-Dichlorophenol	9.26	162	182751	45.11	ng	99
30) 1,2,4-Trichlorobenzene	9.35	180	175377	41.60	ng	98
31) Naphthalene	9.45	128	607335	40.21	ng	99
32) Benzoic acid	9.35	122	103910	40.43	ng	94
33) 4-Chloroaniline	9.60	127	117460	19.90	ng	# 91
34) Hexachlorobutadiene	9.67	225	91239	41.89	ng	100
35) Caprolactam	10.23	113	31922	26.48	ng	88
36) 4-Chloro-3-methylphenol	10.47	107	185317	43.69	ng	89
37) 2-Methylnaphthalene	10.58	142	424530	41.60	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.86	216	168576	40.52	ng	99
40) Hexachlorocyclopentadiene	10.83	237	116828	88.24	ng	99

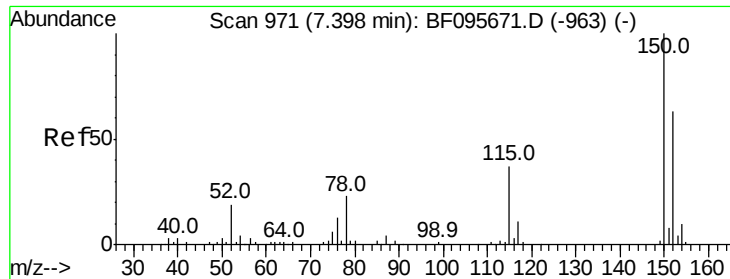
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095745.D
 Acq On : 7 Jun 2017 14:43
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.09	196	118086	44.15	nq	97
43) 2,4,5-Trichlorophenol	11.17	196	118373	41.60	nq	93
45) 1,1'-Biphenyl	11.34	154	478004	41.72	nq	98
46) 2-Chloronaphthalene	11.36	162	370001	41.33	nq	94
47) 2-Nitroaniline	11.57	65	106820	40.78	nq	# 83
48) Acenaphthylene	12.01	152	596371	38.96	nq	98
49) Dimethylphthalate	11.90	163	457322	43.33	nq	98
50) 2,6-Dinitrotoluene	12.00	165	97752	42.46	nq	# 87
51) Acenaphthene	12.30	154	351934	39.81	nq	98
52) 3-Nitroaniline	12.26	138	70040	26.11	nq	84
53) 2,4-Dinitrophenol	12.47	184	97132	74.96	nq	# 63
54) Dibenzofuran	12.58	168	542254	43.58	nq	98
55) 4-Nitrophenol	12.65	139	123587	78.98	nq	# 78
56) 2,4-Dinitrotoluene	12.66	165	133567	42.95	nq	# 88
57) Fluorene	13.13	166	434120	40.09	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.83	232	93740	48.15	nq	# 89
59) Diethylphthalate	13.05	149	447604	44.07	nq	100
60) 4-Chlorophenyl-phenylether	13.16	204	200484	42.58	nq	89
61) 4-Nitroaniline	13.26	138	101229	40.42	nq	96
62) Azobenzene	13.42	77	405527	44.05	nq	94
64) 4,6-Dinitro-2-methylphenol	13.33	198	67972	40.69	nq	# 69
65) n-Nitrosodiphenylamine	13.38	169	377610	41.35	nq	99
66) 4-Bromophenyl-phenylether	13.94	248	112466	42.58	nq	98
67) Hexachlorobenzene	14.03	284	110443	42.43	nq	# 87
68) Atrazine	14.30	200	113759	44.76	nq	96
69) Pentachlorophenol	14.39	266	80883	81.79	nq	97
70) Phenanthrene	14.67	178	612233	41.75	nq	97
71) Anthracene	14.76	178	636103	41.55	nq	98
72) Carbazole	15.05	167	577837	38.73	nq	98
73) Di-n-butylphthalate	15.64	149	710868	44.78	nq	99
74) Fluoranthene	16.45	202	620365	42.74	nq	97
76) Benzidine	16.67	184	245023	30.97	nq	# 92
77) Pyrene	16.75	202	625589	40.70	nq	99
79) Butylbenzylphthalate	17.67	149	295025	43.95	nq	# 86
80) Benzo(a)anthracene	18.34	228	499659	41.72	nq	99
81) 3,3'-Dichlorobenzidine	18.32	252	121341	28.50	nq	# 96
82) Chrysene	18.39	228	481941	40.27	nq	99
83) Bis(2-ethylhexyl)phthalate	18.43	149	419464	44.30	nq	# 100
84) Di-n-octyl phthalate	19.20	149	692898	44.41	nq	# 95
85) Indeno(1,2,3-cd)pyrene	21.19	276	390653	38.15	nq	100
87) Benzo(b)fluoranthene	19.61	252	486439	45.33	nq	99
88) Benzo(k)fluoranthene	19.64	252	405913	39.57	nq	96
89) Benzo(a)pyrene	19.96	252	420486	42.63	nq	99
90) Dibenzo(a,h)anthracene	21.19	278	324090	38.73	nq	96
91) Benzo(g,h,i)perylene	21.52	276	324995	38.10	nq	97

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

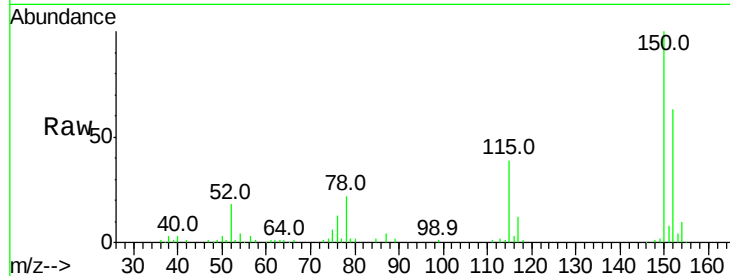


#1

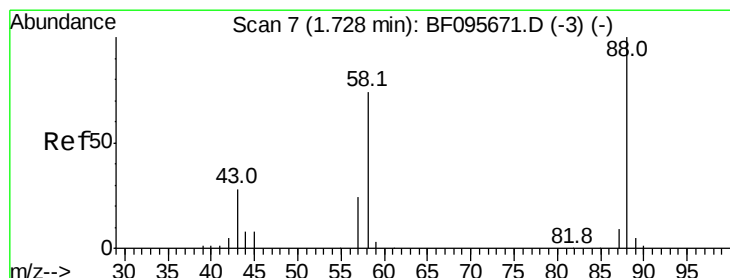
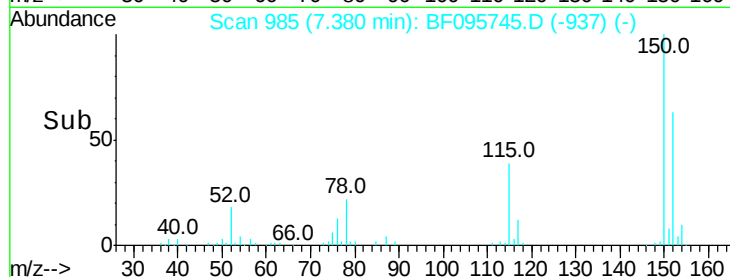
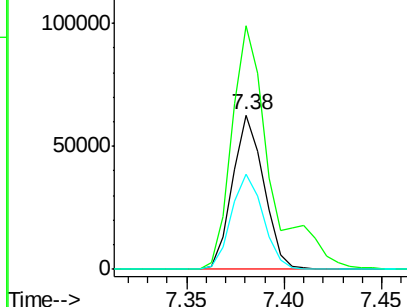
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 70255
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 61.3 52.2 78.2



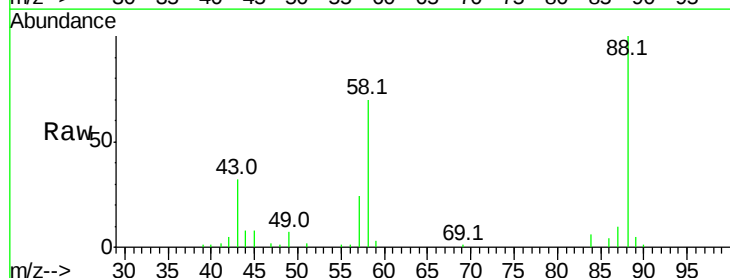
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



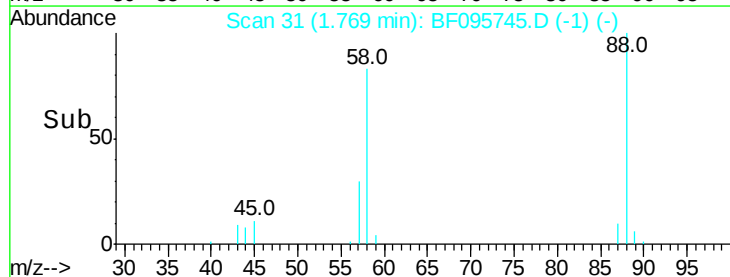
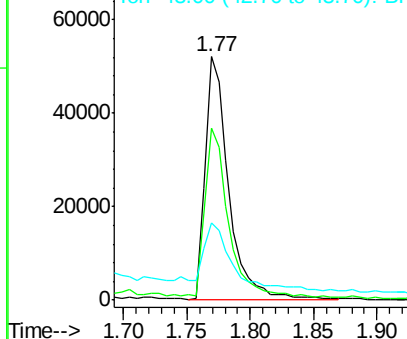
#2

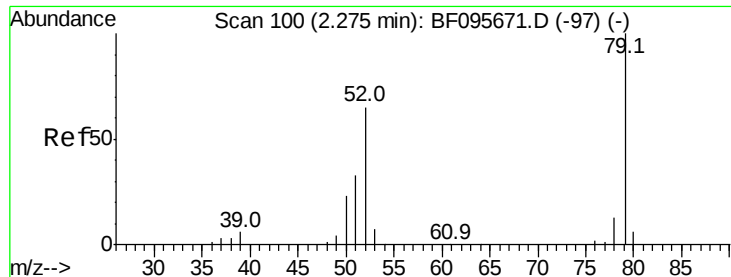
1,4-Dioxane
Concen: 32.48 ng
RT: 1.77 min Scan# 31
Delta R.T. 0.04 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion: 88 Resp: 68119
Ion Ratio Lower Upper
88 100
58 70.0 61.4 92.0
43 37.6 23.4 35.0#



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





#3

Pvridine

Concen: 35.76 ng

RT: 2.32 min Scan# 125

Delta R.T. 0.05 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampled :

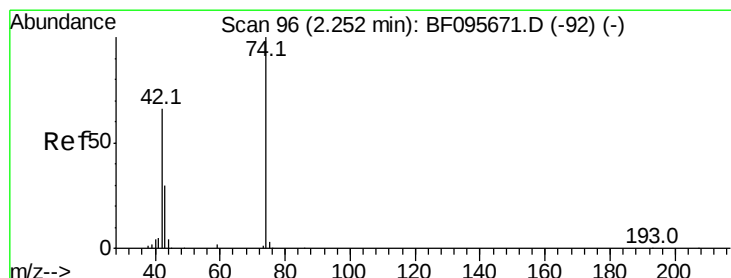
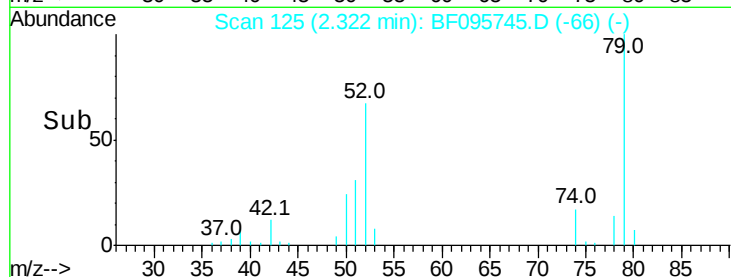
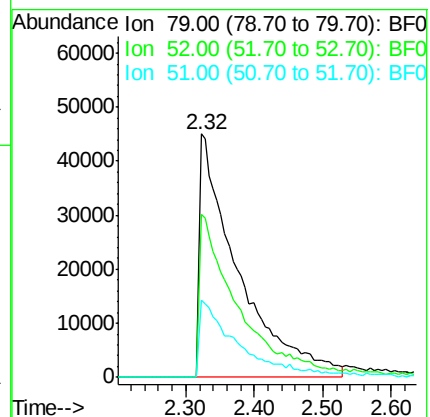
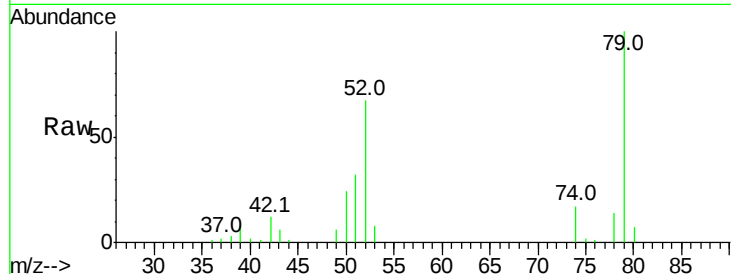
Tot Ion: 79 Resp: 176299

Ion Ratio Lower Upper

79 100

52 66.9 54.8 82.2

51 31.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.06 ng

RT: 2.29 min Scan# 119

Delta R.T. 0.04 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

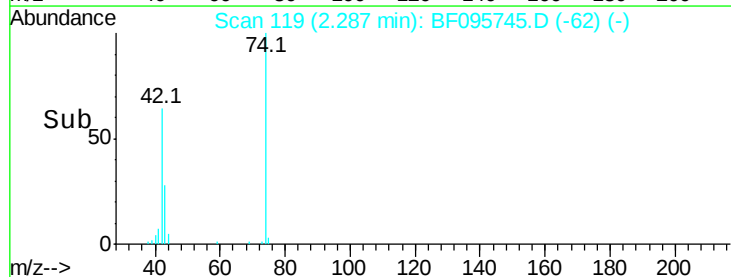
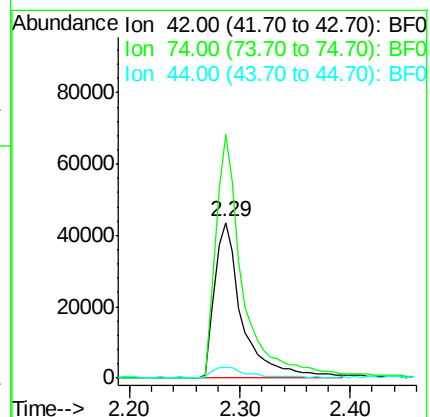
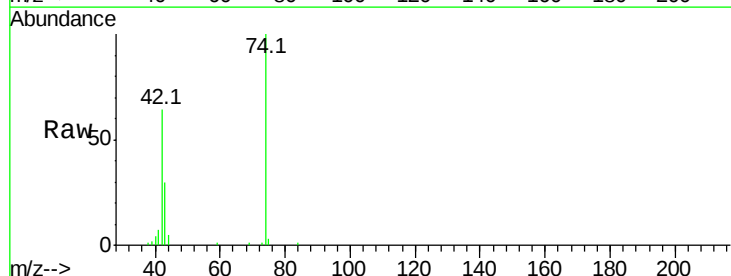
Tgt Ion: 42 Resp: 75085

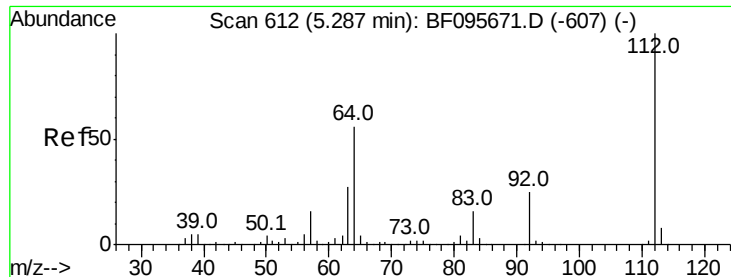
Ion Ratio Lower Upper

42 100

74 156.4 103.9 155.9#

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 128.75 ng

RT: 5.29 min Scan# 629

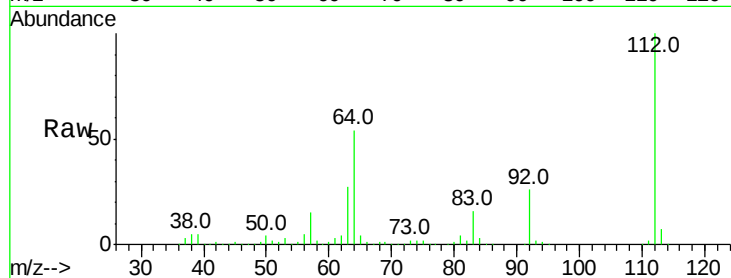
Delta R.T. 0.00 min

Lab File: BF095745.D

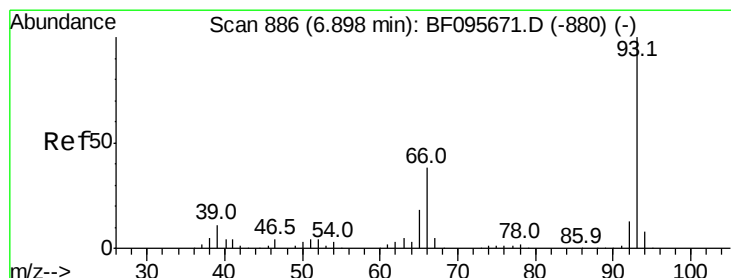
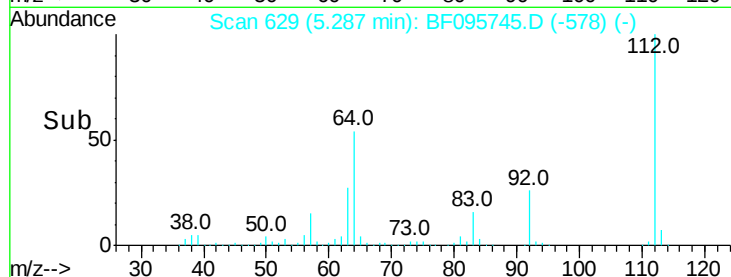
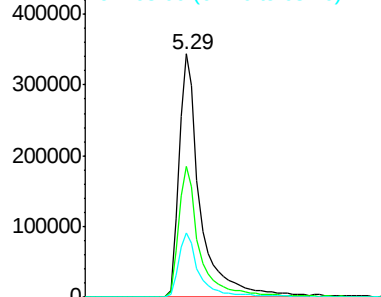
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	567662
Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	26.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 26.99 ng

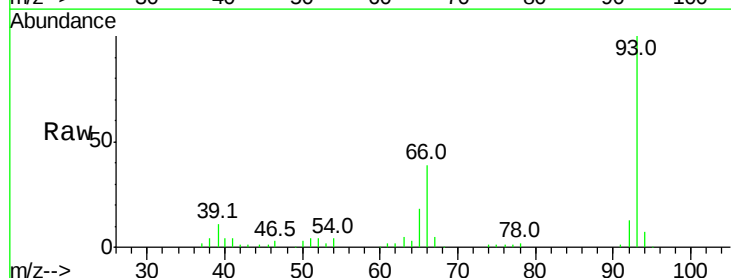
RT: 6.88 min Scan# 900

Delta R.T. -0.02 min

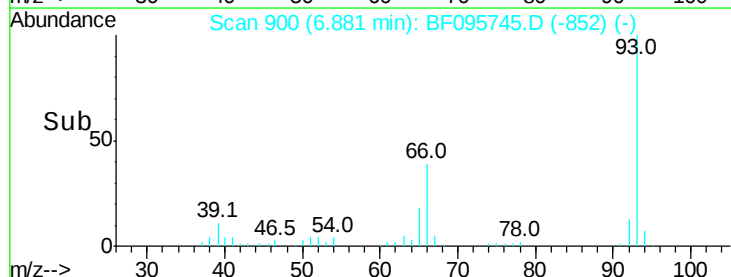
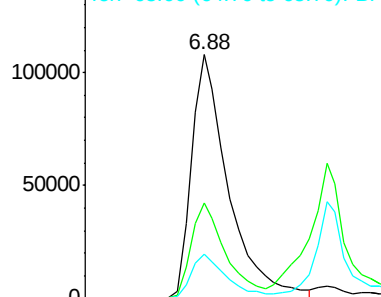
Lab File: BF095745.D

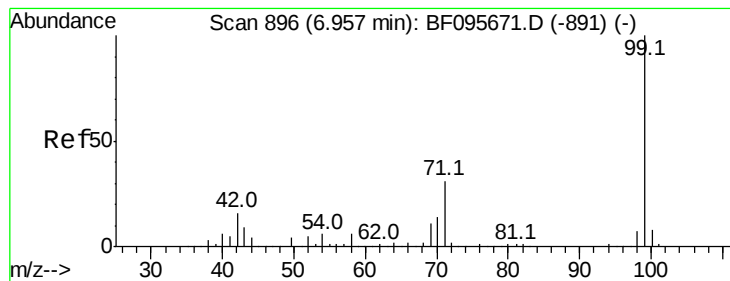
Acq: 7 Jun 2017 14:43

Tgt Ion:	93	Resp:	186356
Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.9	49.3
65	17.8	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 127.84 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampled :

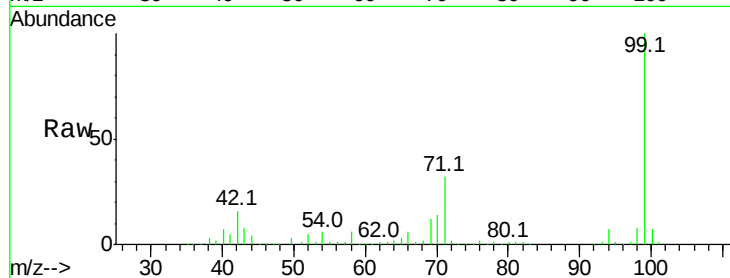
Tot Ion: 99 Resp: 674759

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

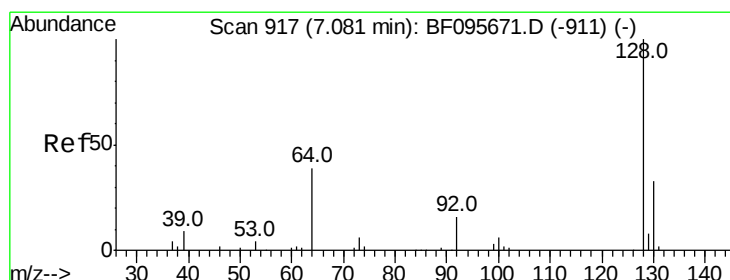
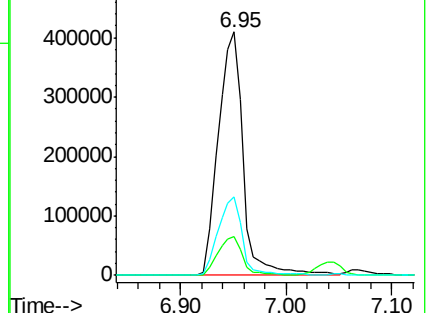
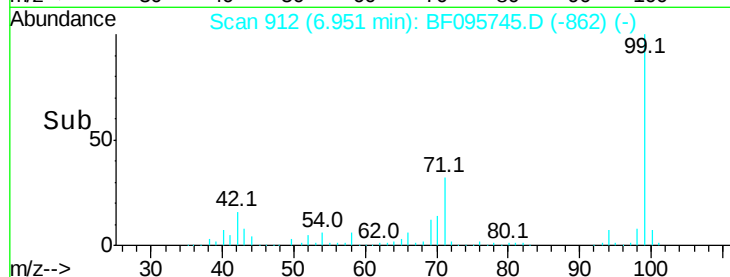
71 32.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.96 ng

RT: 7.07 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

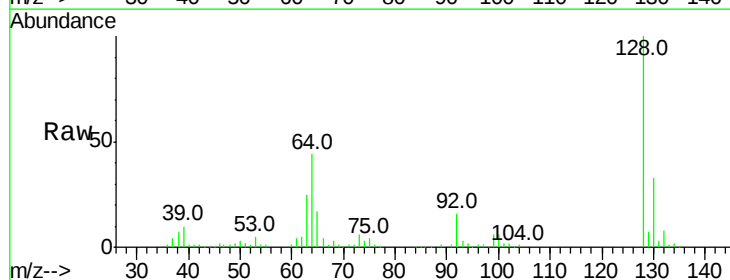
Tgt Ion: 128 Resp: 210785

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

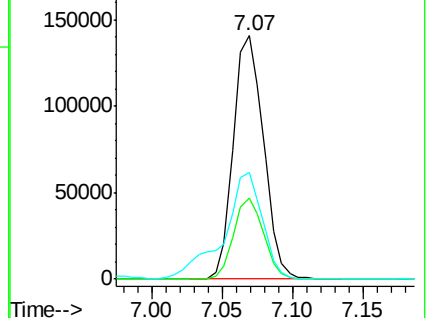
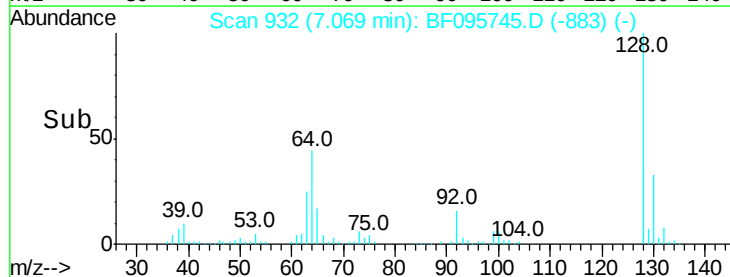
64 43.9 28.4 68.4

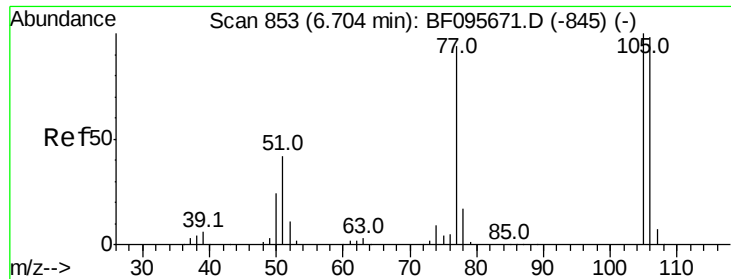


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.18 ng

RT: 6.69 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

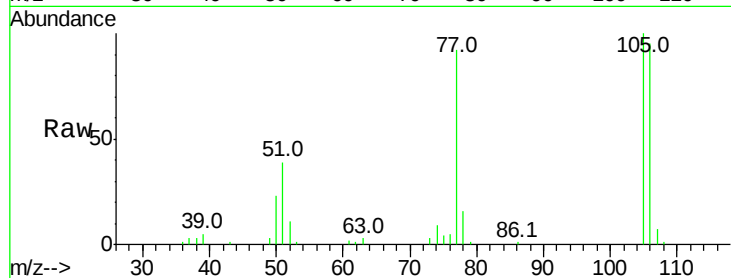
Tot Ion: 77 Resp: 96771

Ion Ratio Lower Upper

77 100

105 108.4 83.8 123.8

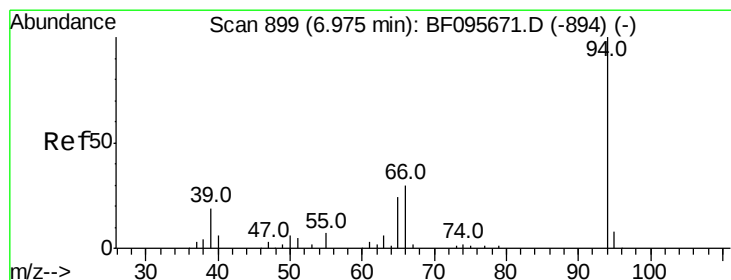
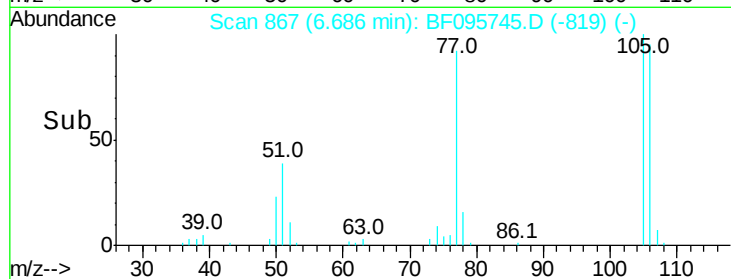
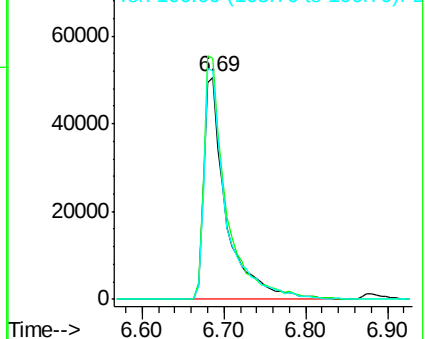
106 102.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.05 ng

RT: 6.96 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

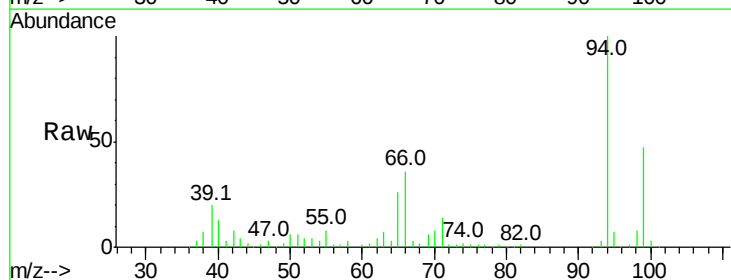
Tgt Ion: 94 Resp: 246690

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

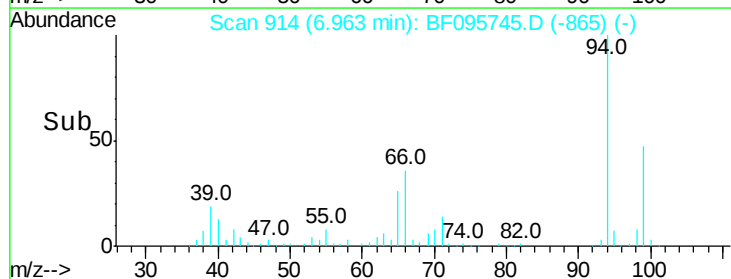
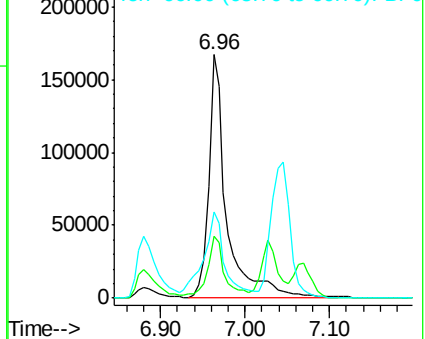
66 35.6 23.1 63.1

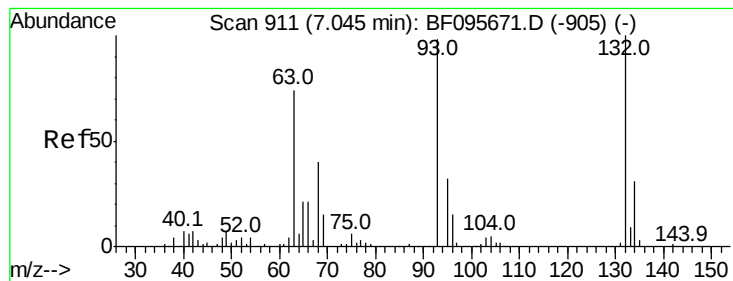


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

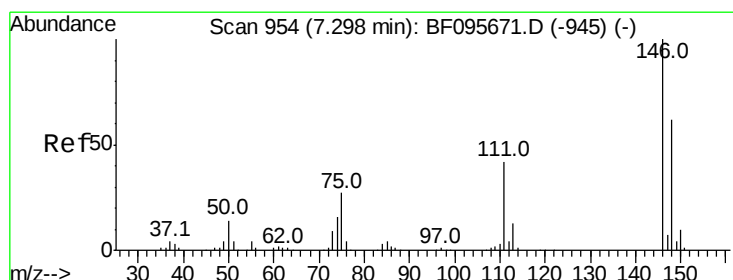
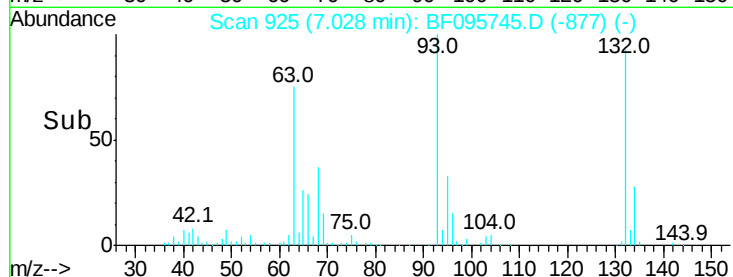
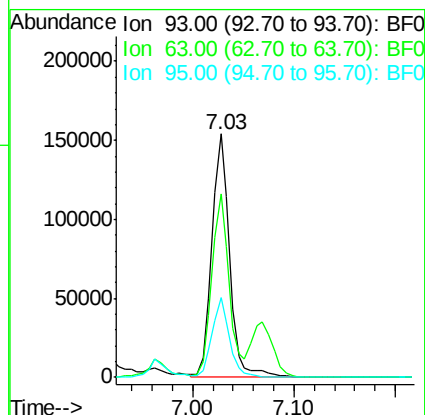
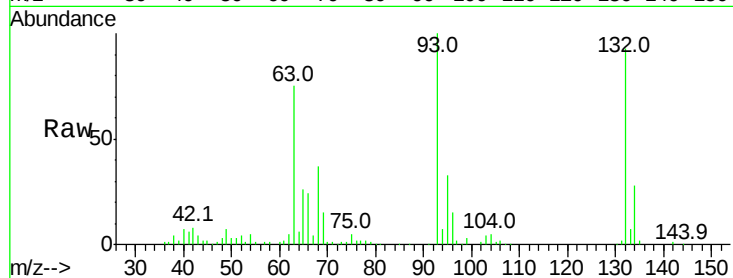




#11
bis(2-Chloroethyl)ether
Concen: 43.40 ng
RT: 7.03 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

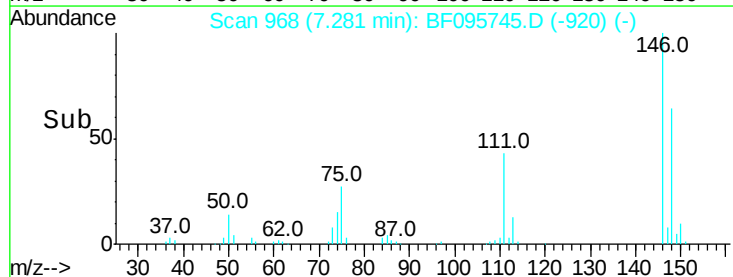
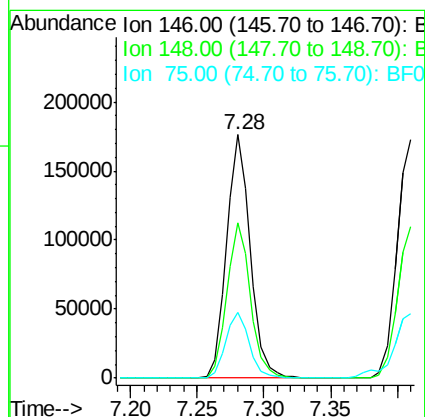
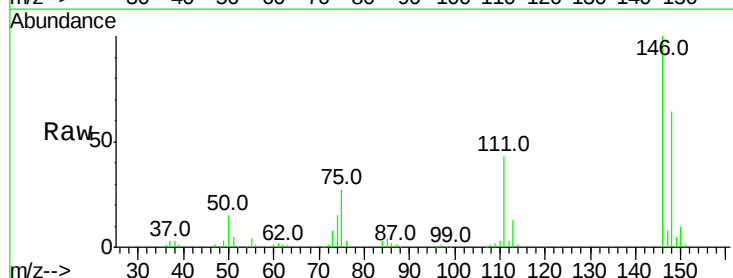
Instrument :
BNA_F
ClientSampleId :

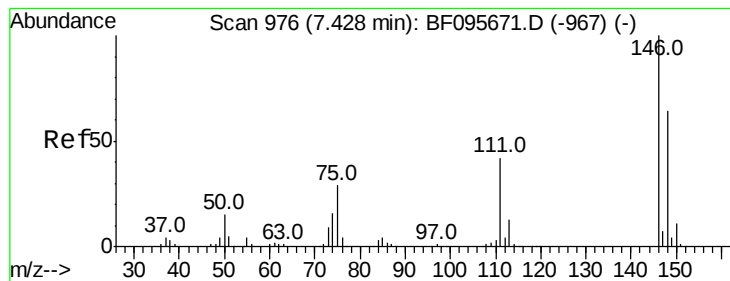
Tot Ion: 93 Resp: 188264
Ion Ratio Lower Upper
93 100
63 75.2 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.60 ng
RT: 7.28 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion: 146 Resp: 220742
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 27.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.13 ng

RT: 7.41 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

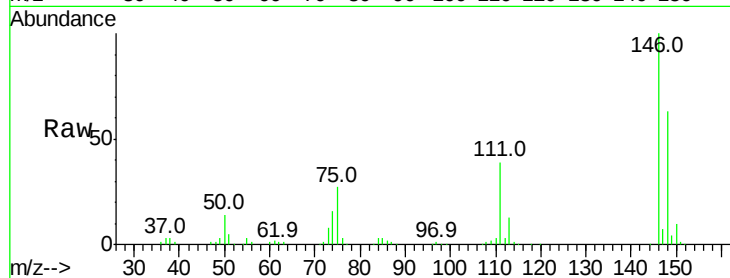
Tot Ion:146 Resp: 226676

Ion Ratio Lower Upper

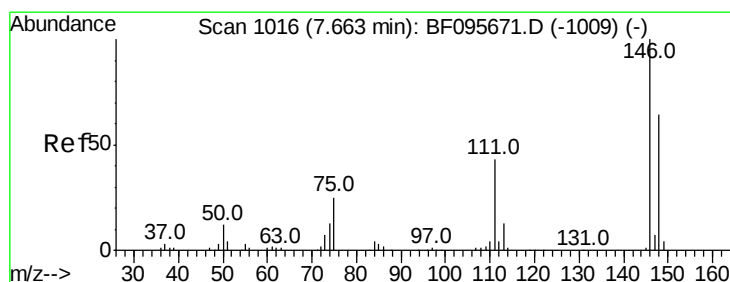
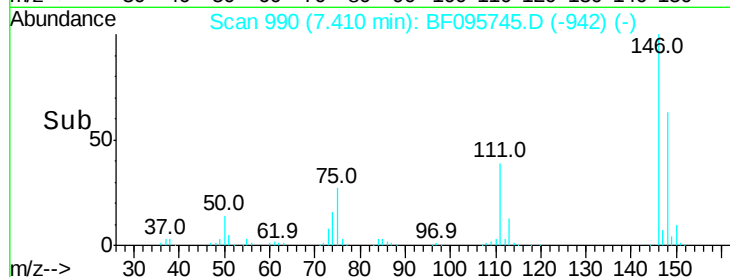
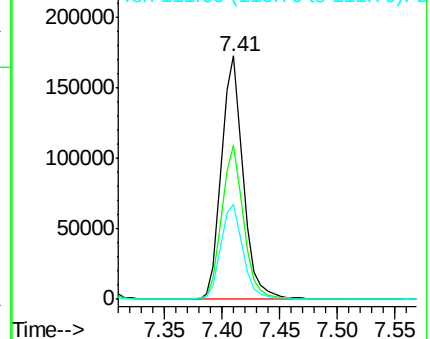
146 100

148 63.5 52.2 78.2

111 39.1 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: 42.93 ng

RT: 7.64 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

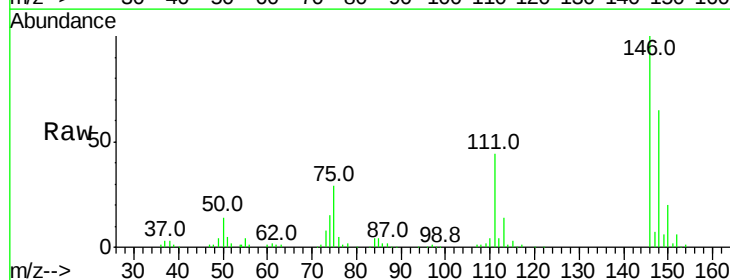
Tgt Ion:146 Resp: 212940

Ion Ratio Lower Upper

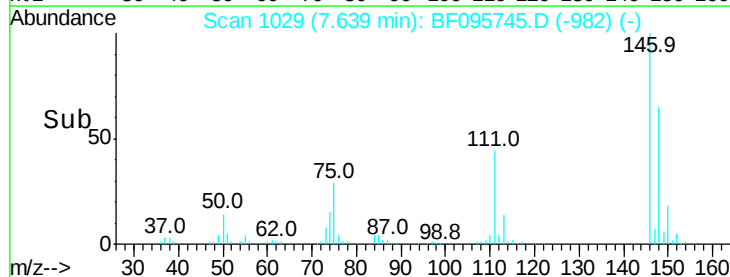
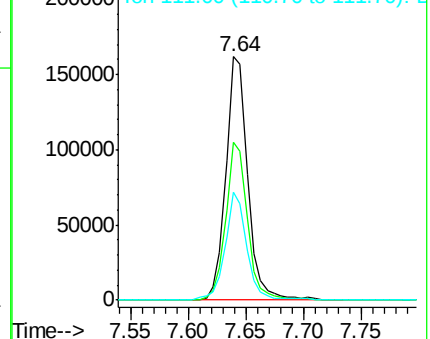
146 100

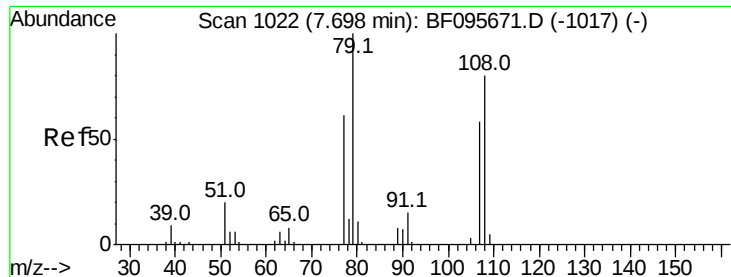
148 65.0 50.4 75.6

111 44.1 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: 46.42 ng

RT: 7.69 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

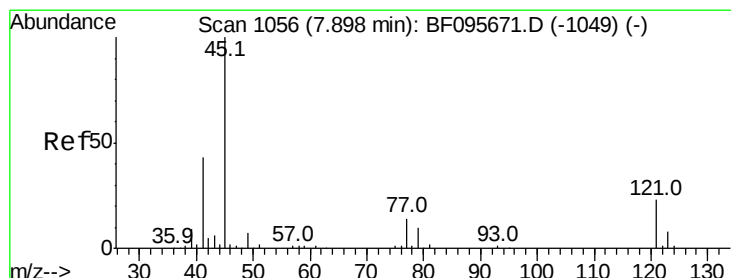
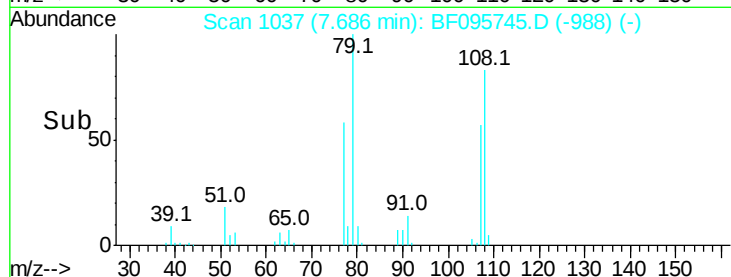
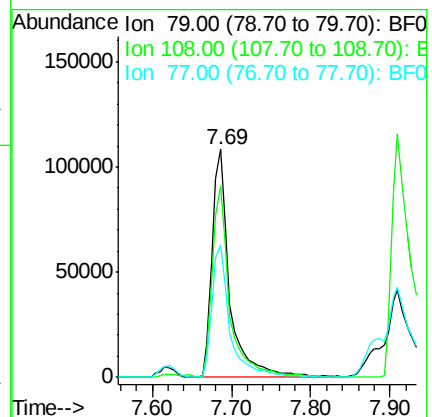
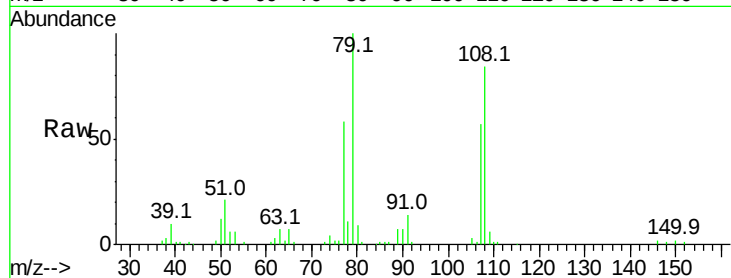
Tot Ion: 79 Resp: 168189

Ion Ratio Lower Upper

79 100

108 83.7 63.4 95.0

77 58.0 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.79 ng

RT: 7.88 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

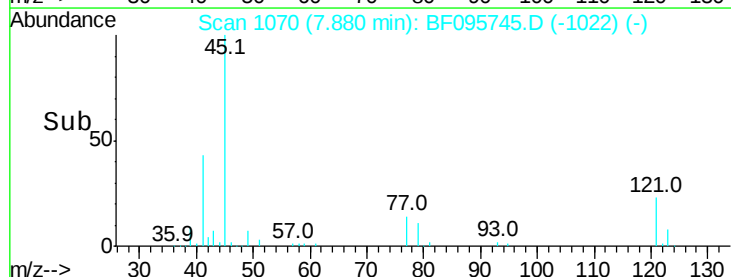
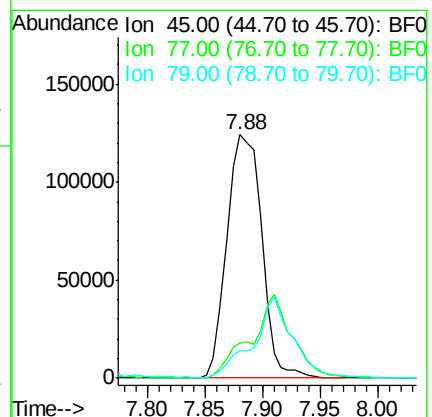
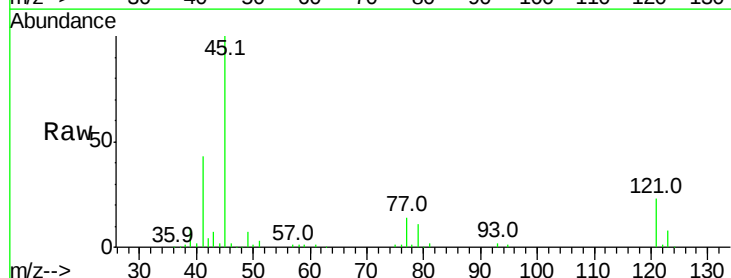
Tgt Ion: 45 Resp: 260766

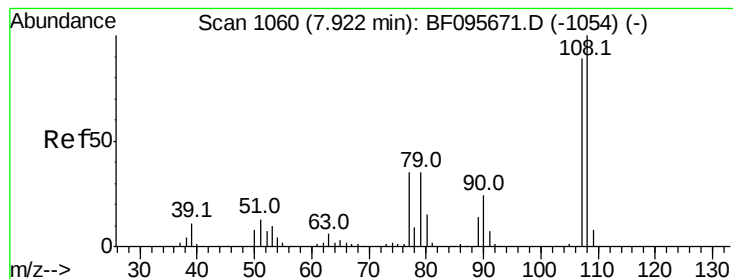
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.2

79 11.1 0.0 30.0





#17

2-Methylphenol

Concen: 43.94 ng

RT: 7.91 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 172872

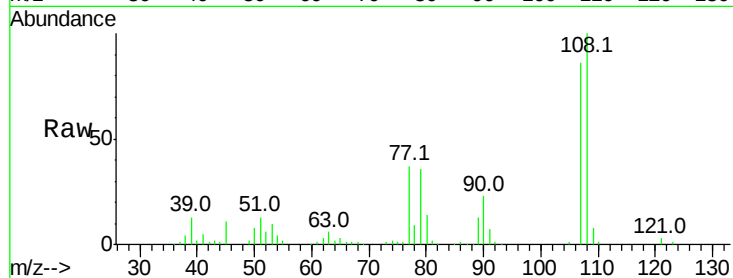
Ion Ratio Lower Upper

107 100

108 116.1 93.4 140.0

77 43.1 35.8 53.6

79 41.6 34.8 52.2

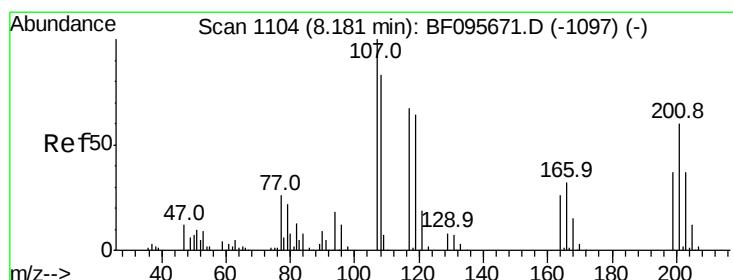
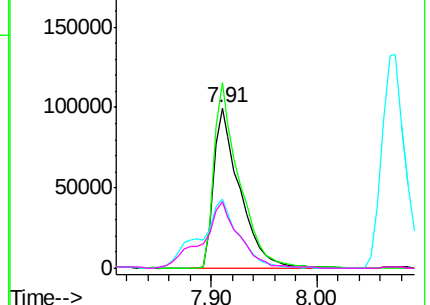
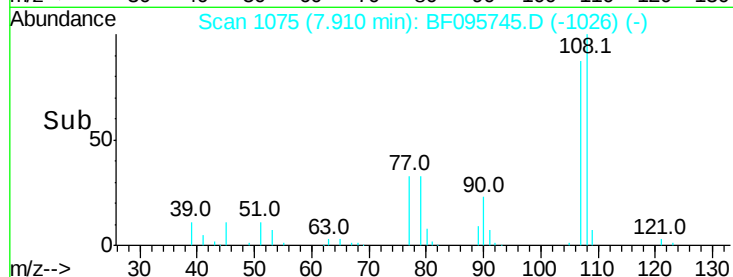


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.32 ng

RT: 8.16 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

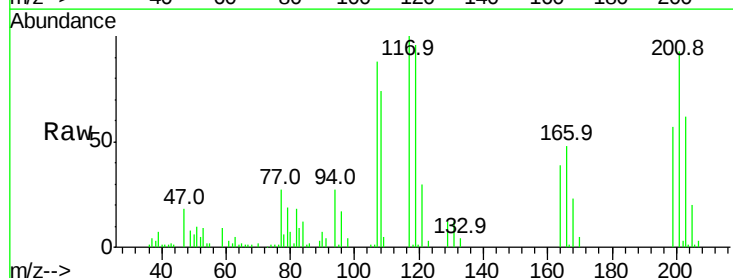
Tgt Ion:117 Resp: 76994

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

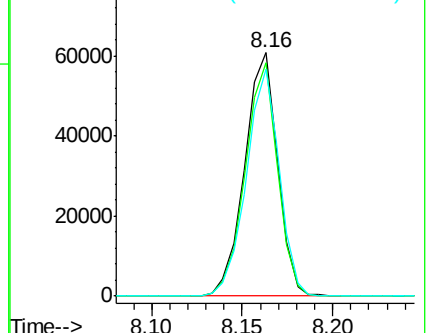
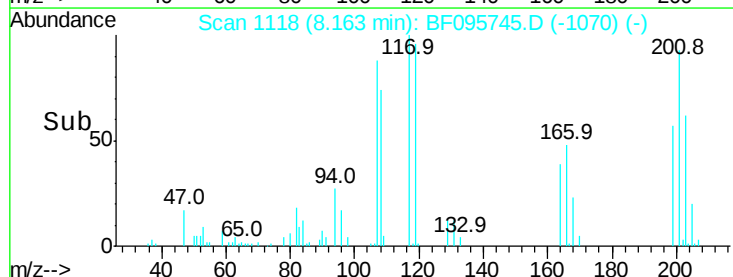
201 93.0 94.6 141.8#

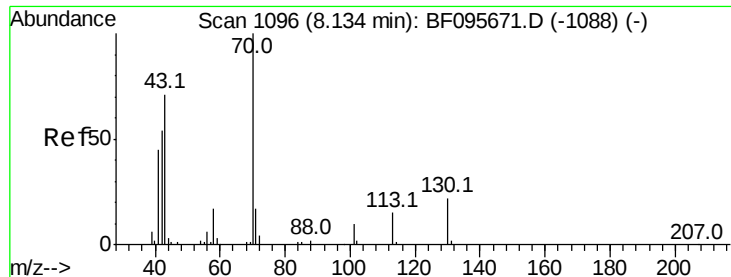


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

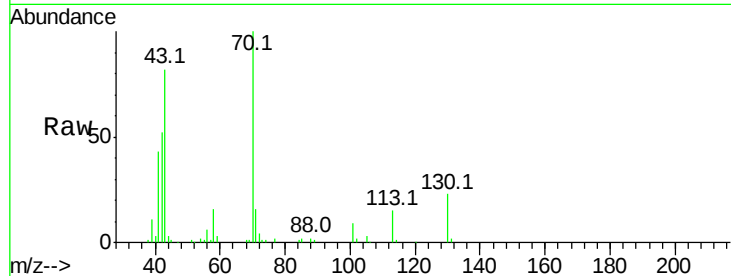




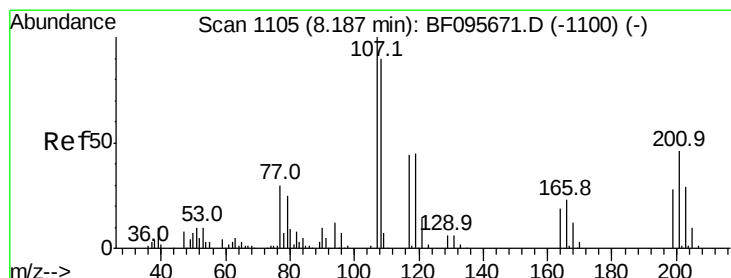
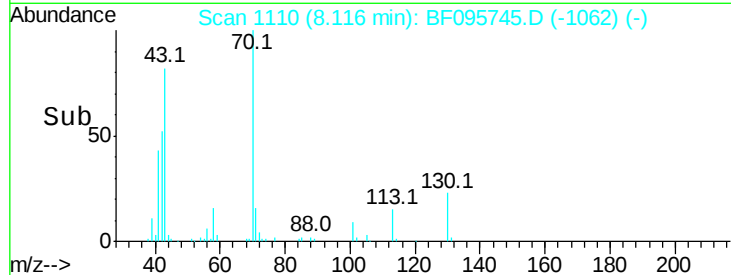
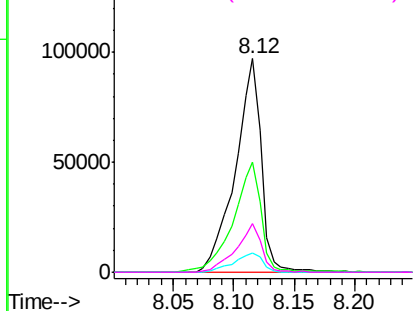
#19
n-Nitroso-di-n-propylamine
Concen: 43.47 ng
RT: 8.12 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 145399
Ion Ratio Lower Upper
70 100
42 51.6 47.2 70.8
101 9.3 7.2 10.8
130 22.9 15.9 23.9

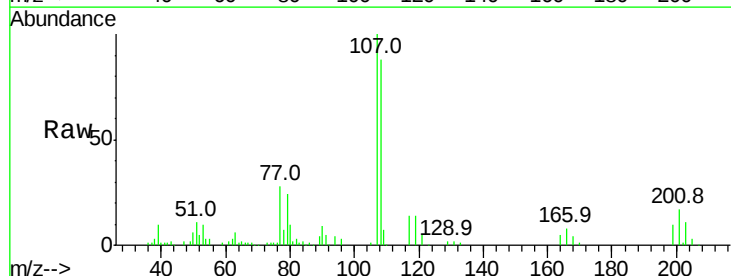


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

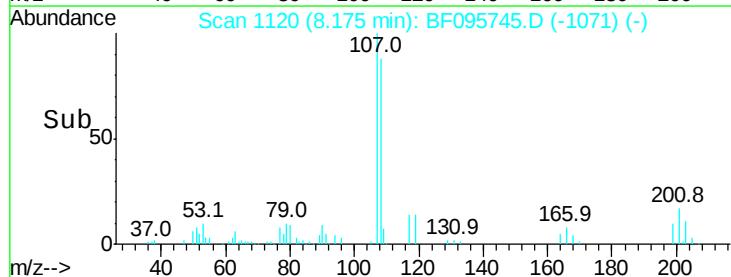
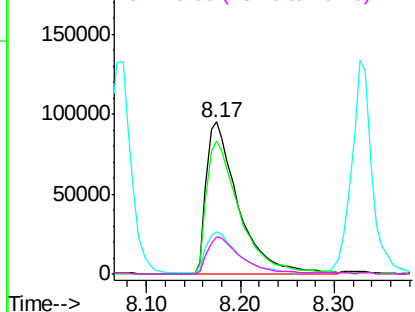


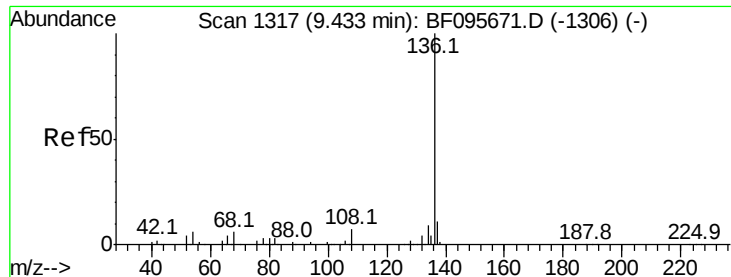
#20
3+4-Methylphenols
Concen: 45.50 ng
RT: 8.17 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion: 107 Resp: 227227
Ion Ratio Lower Upper
107 100
108 87.8 71.0 111.0
77 28.0 90.5 130.5#
79 24.5 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 300967

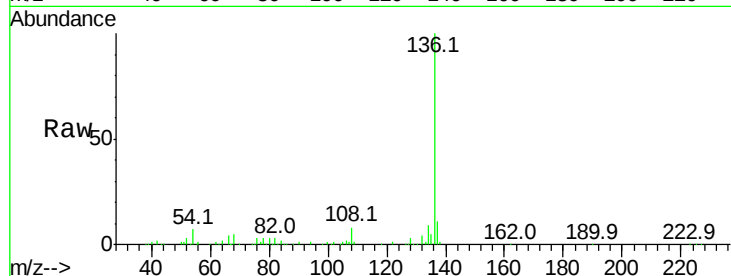
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.1 4.1 6.1

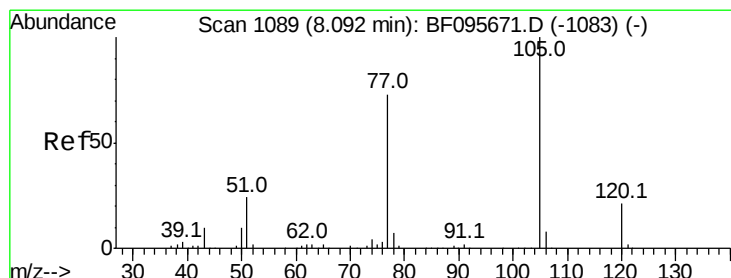
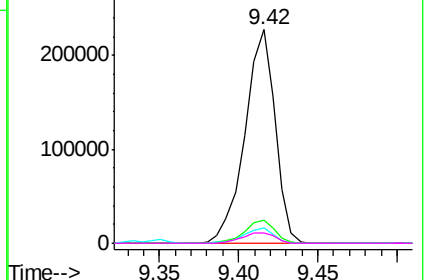
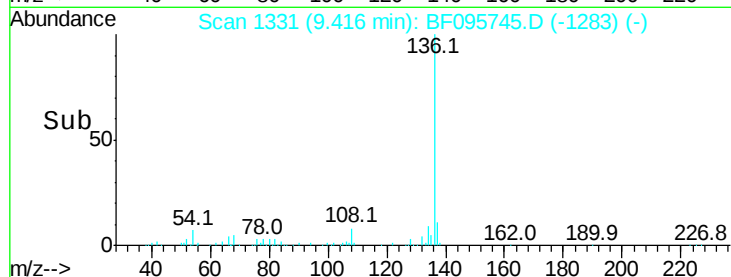


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.67 ng

RT: 8.07 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:105 Resp: 293552

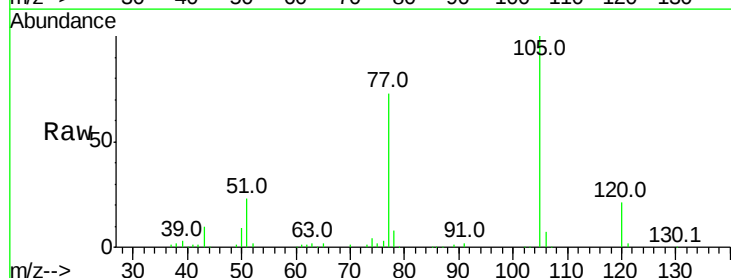
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.6 30.7 46.1#

120 21.3 17.4 26.0

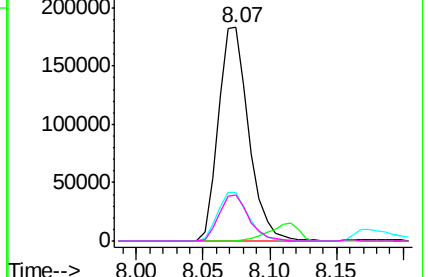
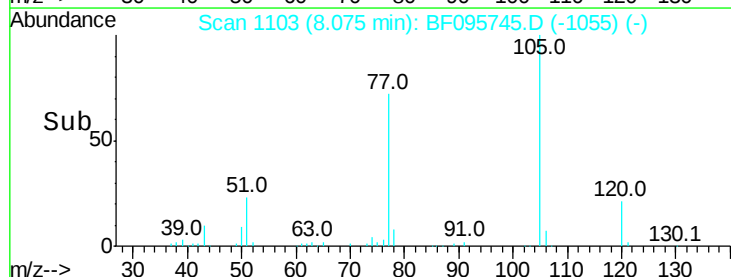


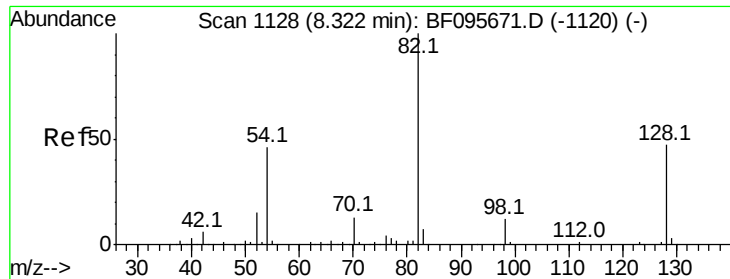
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

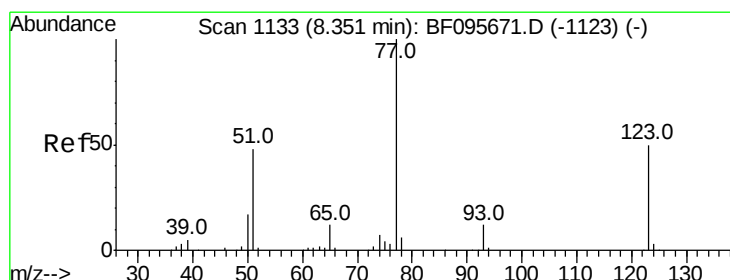
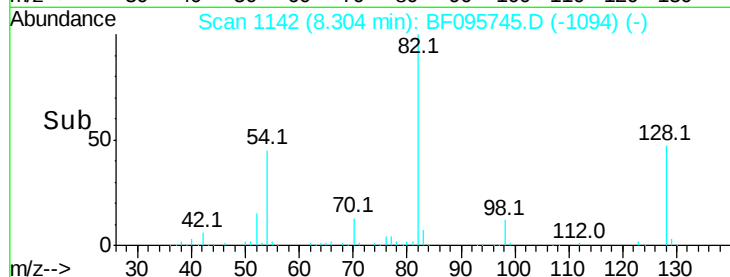
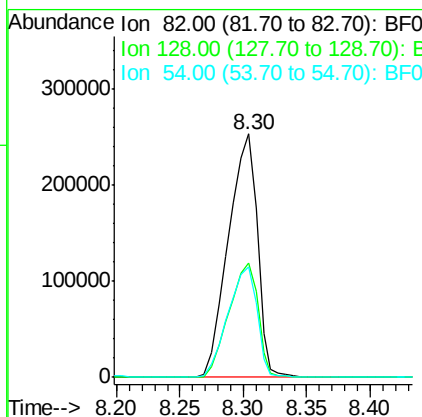
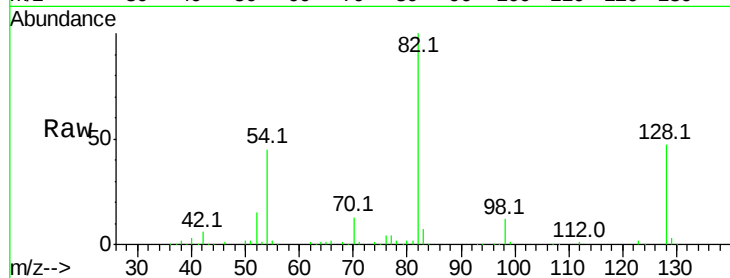




#23
Nitrobenzene-d5
Concen: 82.66 ng
RT: 8.30 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

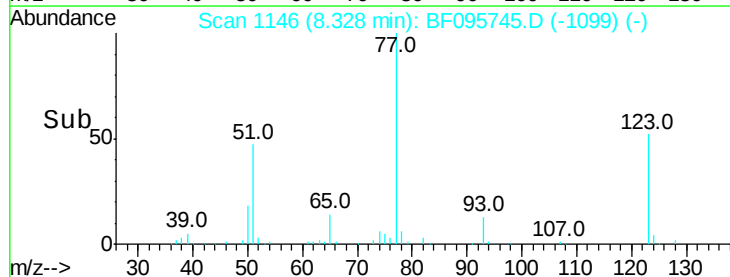
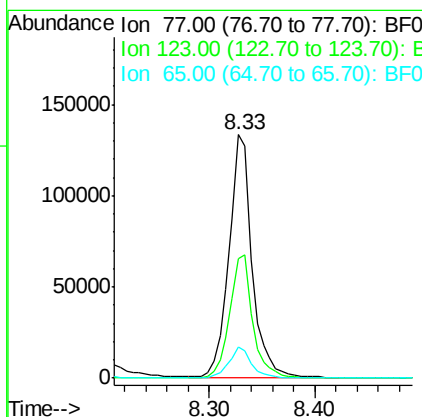
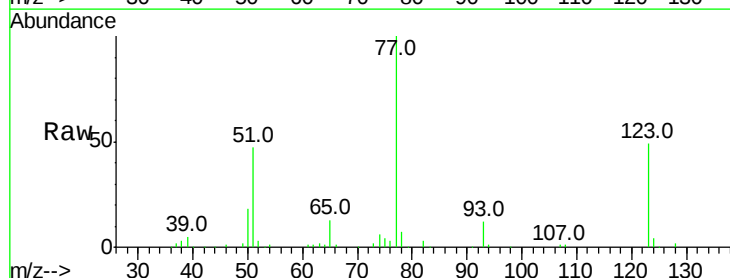
Instrument :
BNA_F
ClientSampleId :

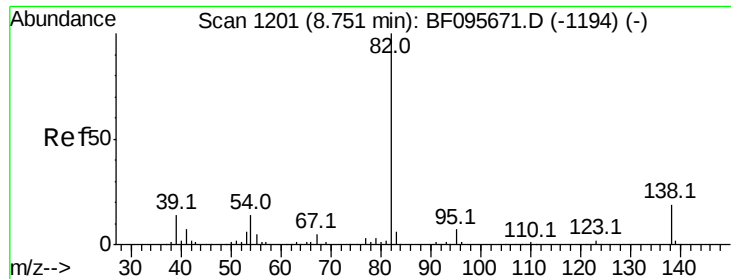
Tot Ion: 82 Resp: 400587
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 45.2 42.2 63.2



#24
Nitrobenzene
Concen: 39.21 ng
RT: 8.33 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion: 77 Resp: 202985
Ion Ratio Lower Upper
77 100
123 49.3 35.8 53.8
65 13.0 10.6 15.8





#25

Isophorone

Concen: 41.52 ng

RT: 8.73 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :

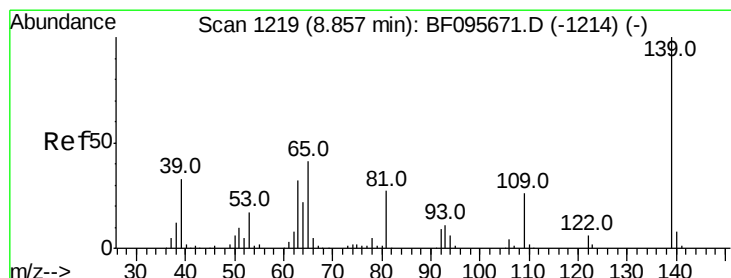
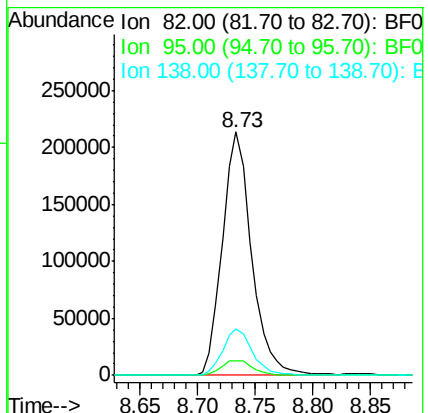
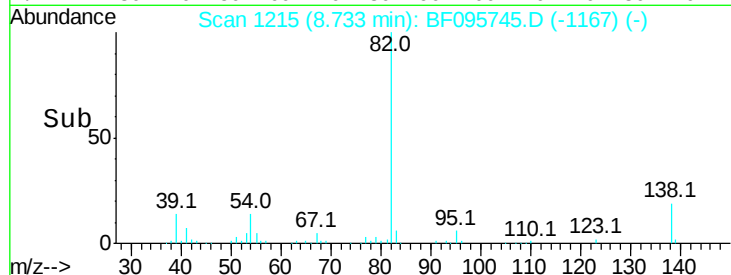
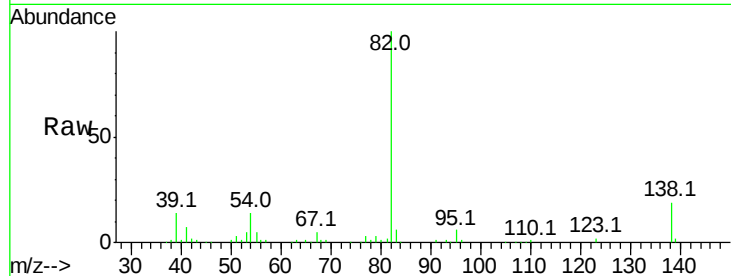
Tot Ion: 82 Resp: 375723

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 42.77 ng

RT: 8.84 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

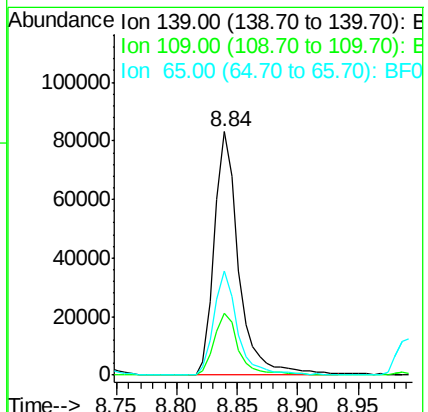
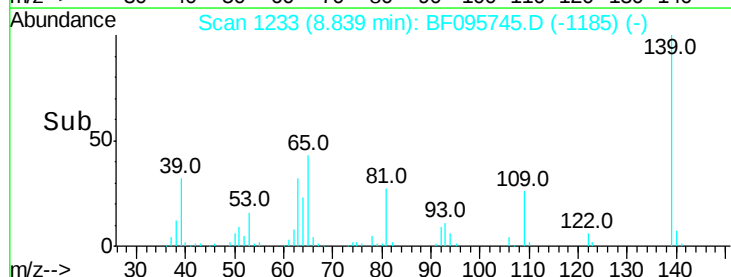
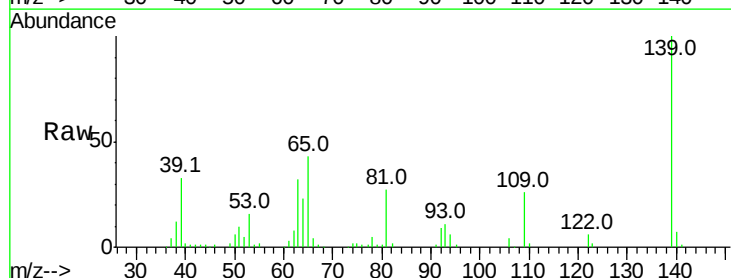
Tgt Ion:139 Resp: 115935

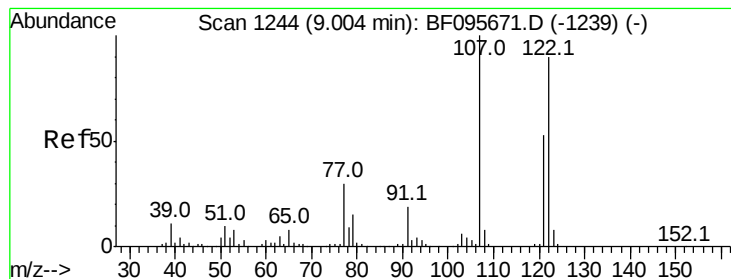
Ion Ratio Lower Upper

139 100

109 25.7 21.0 31.6

65 42.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.29 ng

RT: 8.99 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

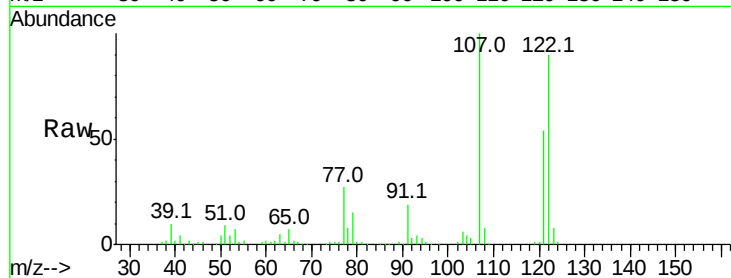
Tot Ion:122 Resp: 186342

Ion Ratio Lower Upper

122 100

107 110.6 89.2 133.8

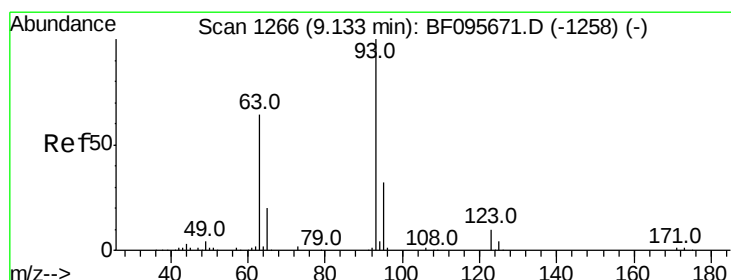
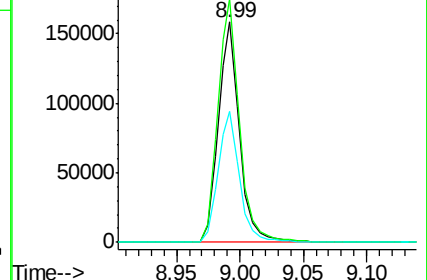
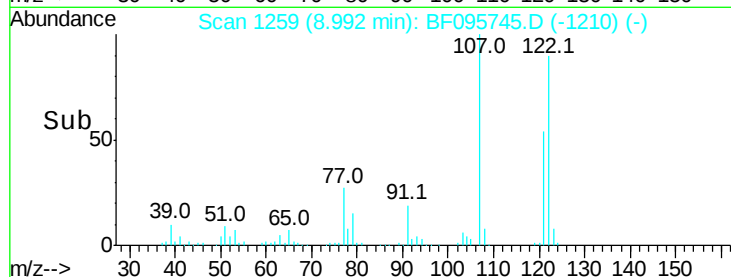
121 59.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.33 ng

RT: 9.12 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

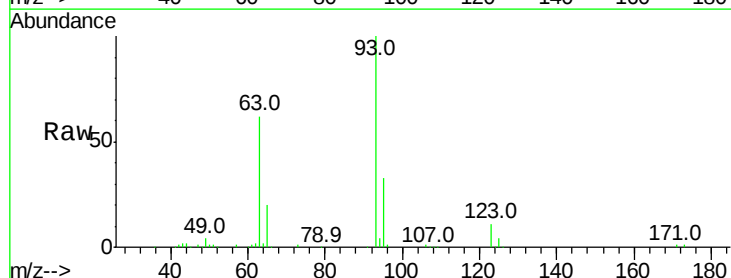
Tgt Ion: 93 Resp: 252466

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

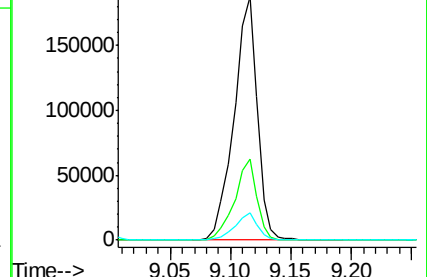
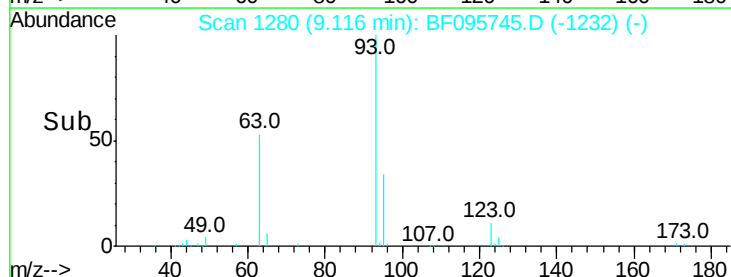
123 11.0 9.0 13.4

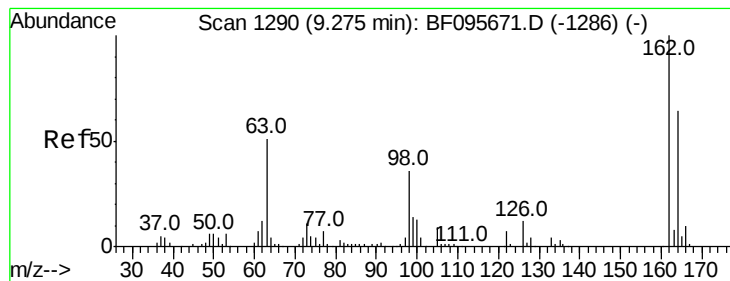


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.11 ng

RT: 9.26 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

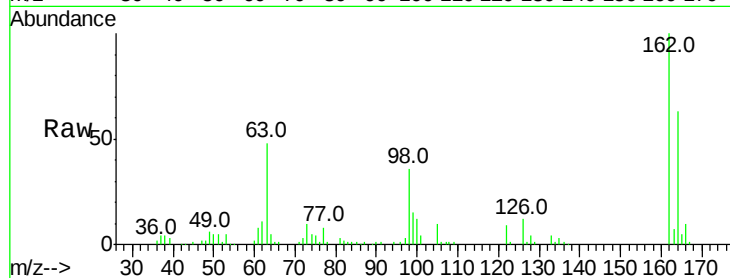
Tot Ion:162 Resp: 182751

Ion Ratio Lower Upper

162 100

164 63.5 44.6 84.6

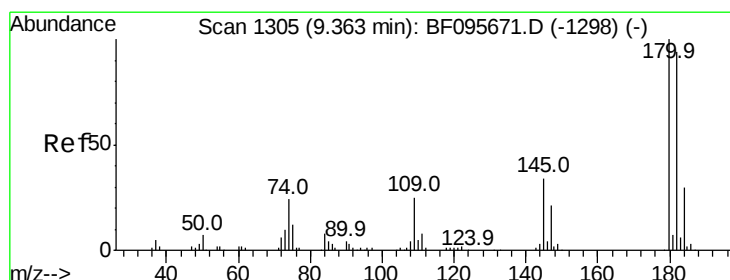
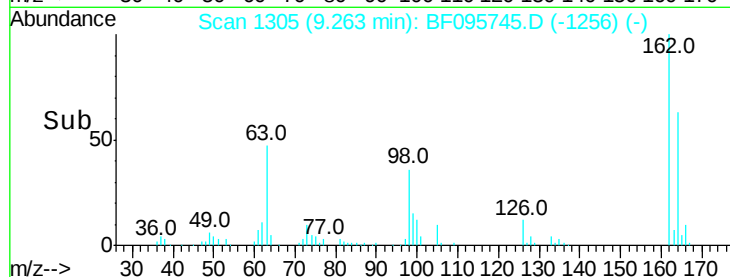
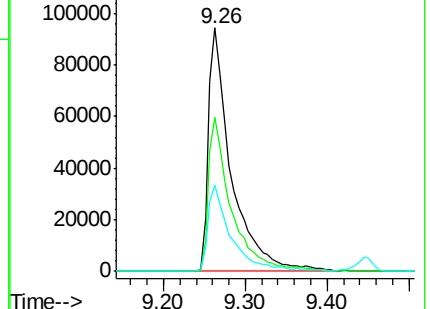
98 35.5 14.8 54.8



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): E



#30

1,2,4-Trichlorobenzene

Concen: 41.60 ng

RT: 9.35 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

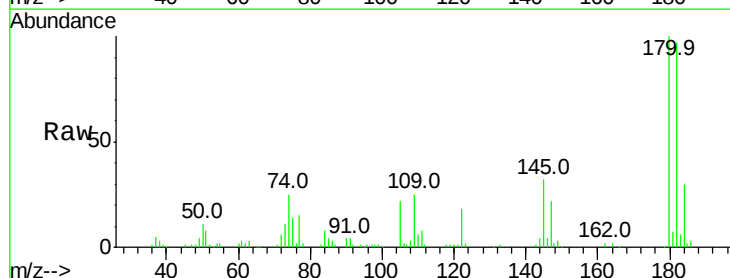
Tgt Ion:180 Resp: 175377

Ion Ratio Lower Upper

180 100

182 97.4 75.8 113.6

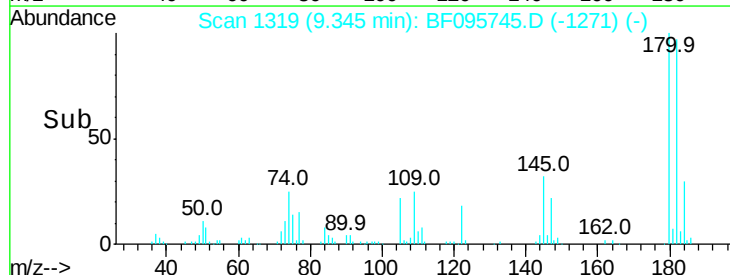
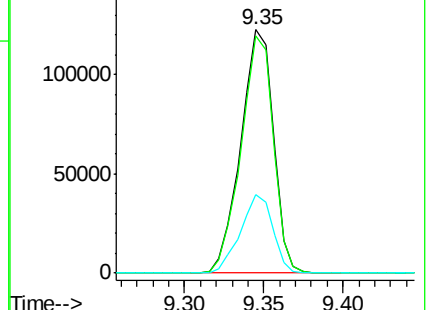
145 32.3 25.3 37.9

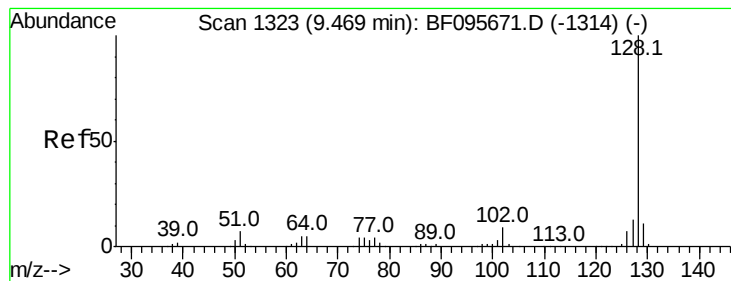


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.21 ng

RT: 9.45 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

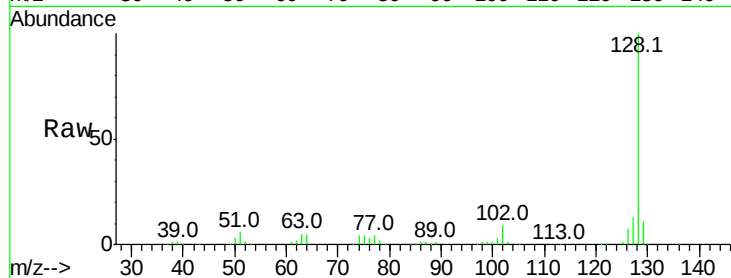
Tot Ion:128 Resp: 607335

Ion Ratio Lower Upper

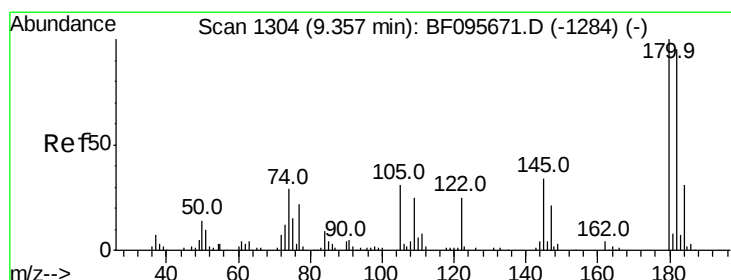
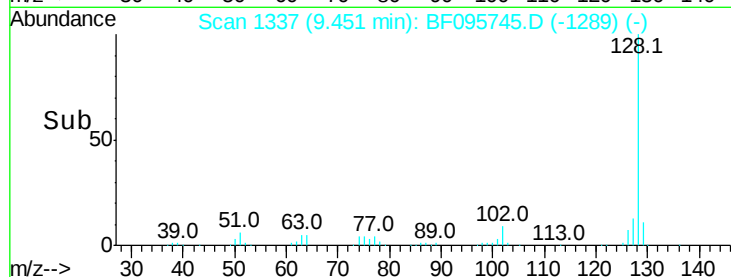
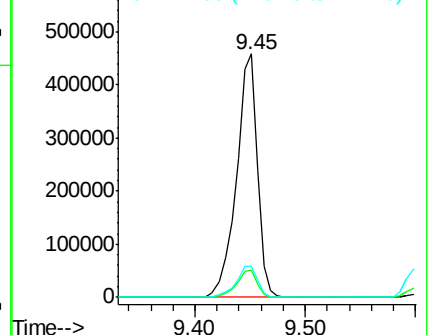
128 100

129 11.1 9.0 13.6

127 12.8 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: 40.43 ng

RT: 9.35 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

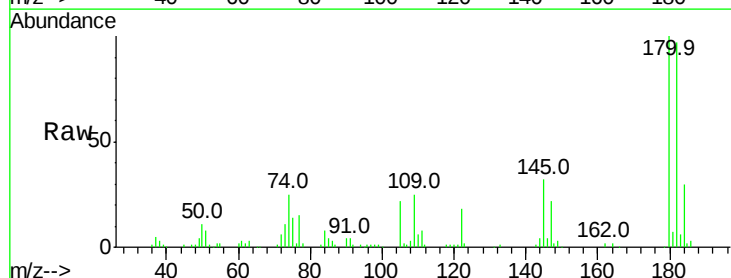
Tgt Ion:122 Resp: 103910

Ion Ratio Lower Upper

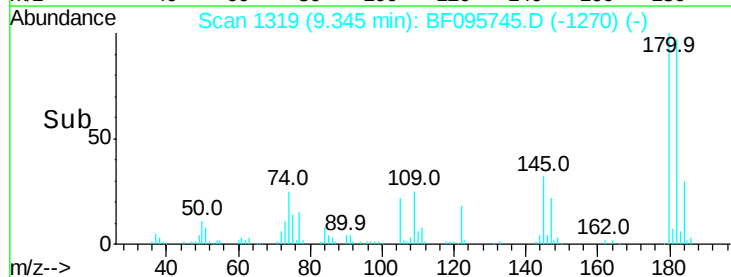
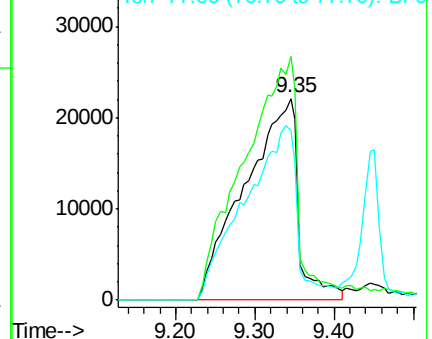
122 100

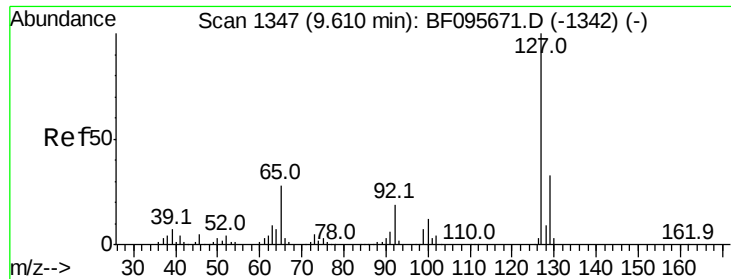
105 120.8 103.3 143.3

77 84.2 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

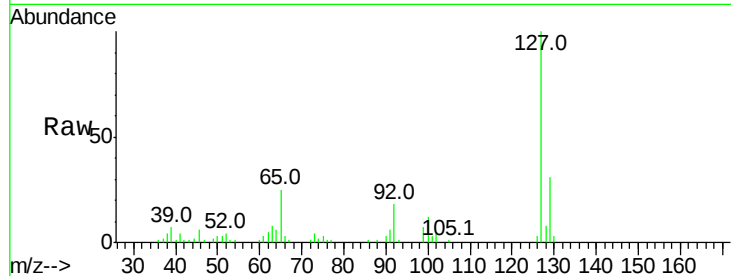




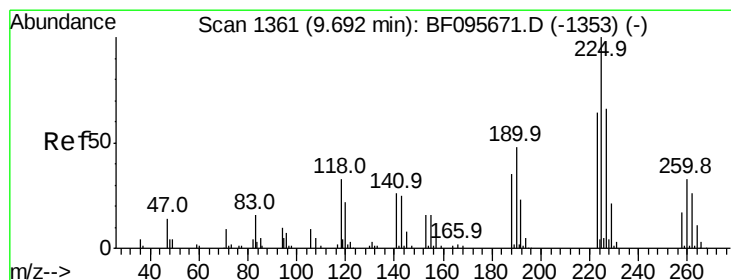
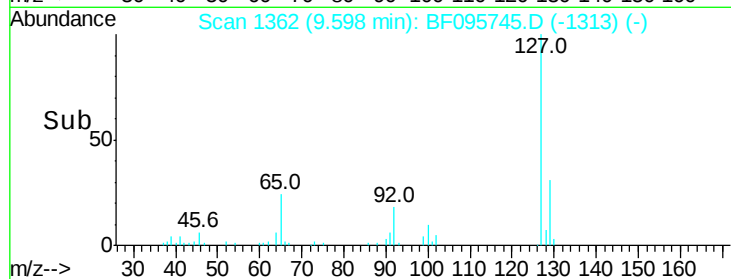
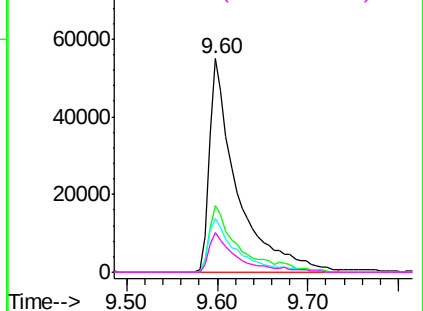
#33
4-Chloroaniline
Concen: 19.90 ng
RT: 9.60 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	117460
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	25.0	27.8	41.8#
92	18.4	16.8	25.2

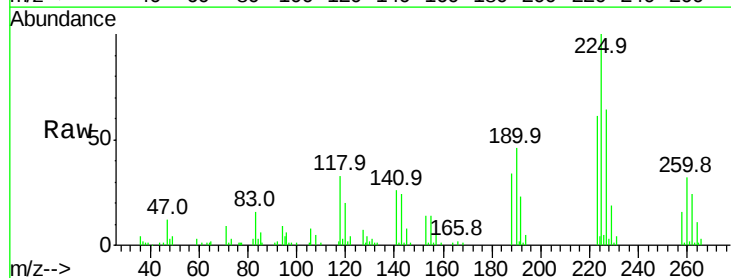


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

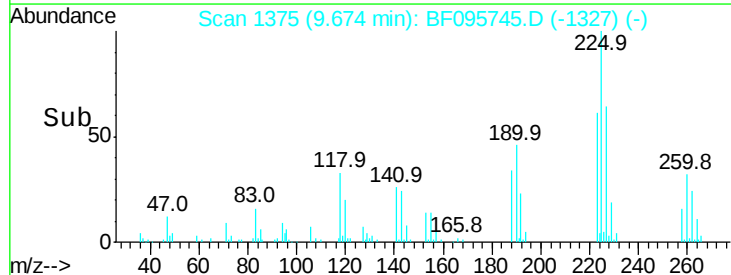
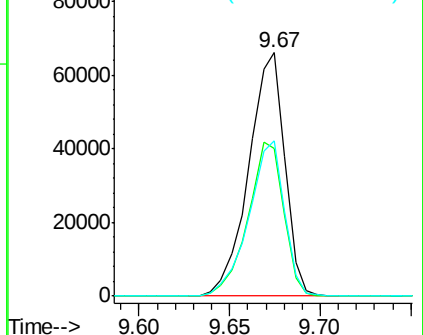


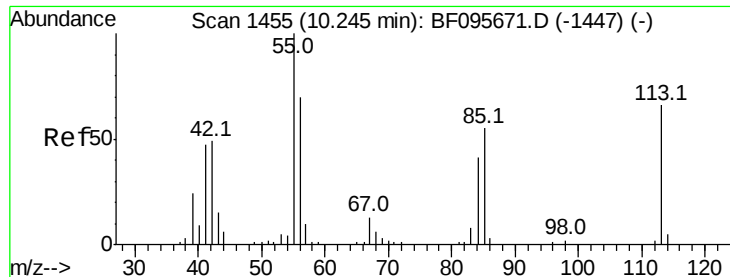
#34
Hexachlorobutadiene
Concen: 41.89 ng
RT: 9.67 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion:	225	Resp:	91239
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.8	73.2
227	63.6	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: 26.48 ng

RT: 10.23 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampled :

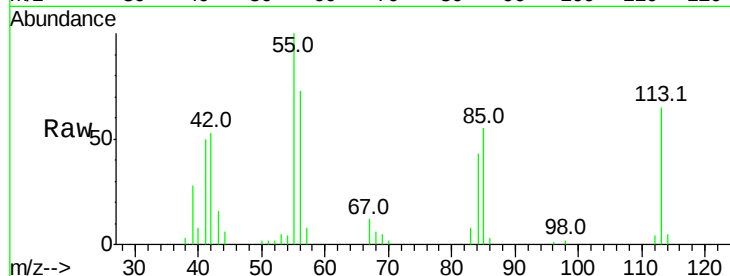
Tot Ion:113 Resp: 31922

Ion Ratio Lower Upper

113 100

55 154.7 150.2 190.2

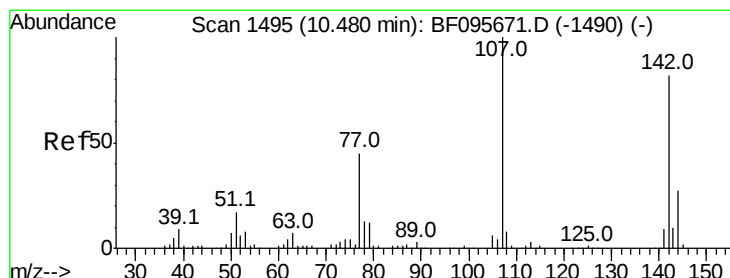
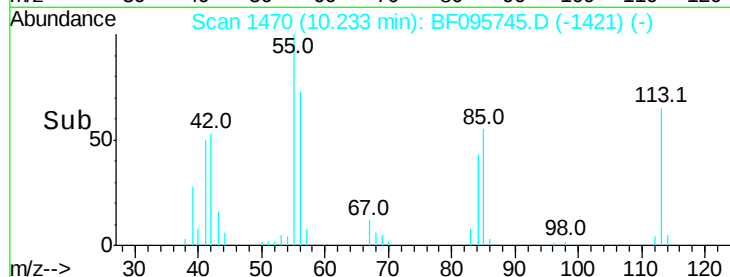
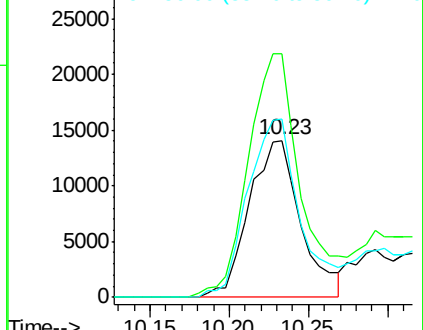
56 113.2 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.69 ng

RT: 10.47 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

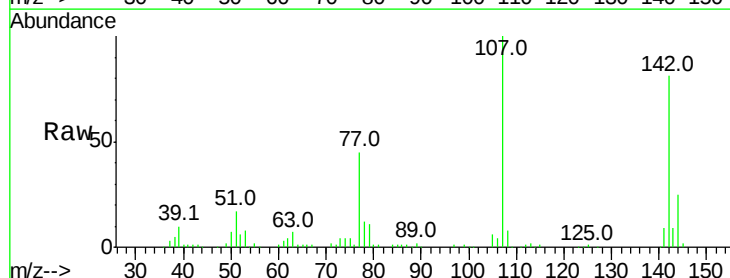
Tgt Ion:107 Resp: 185317

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

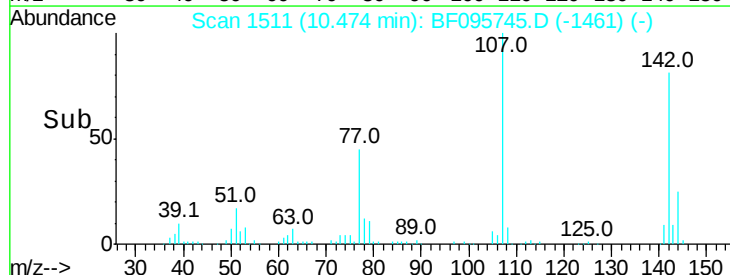
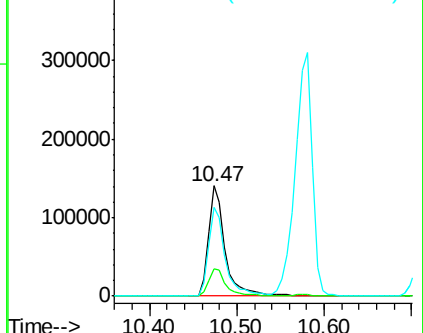
142 80.7 73.4 110.0

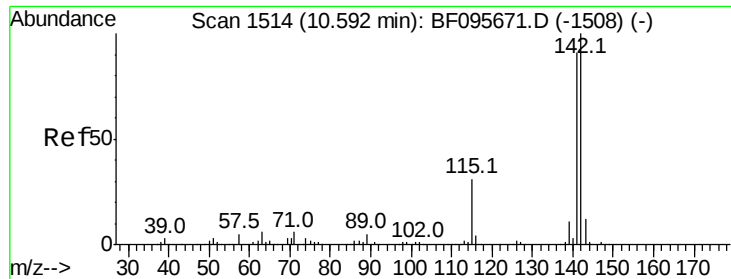


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

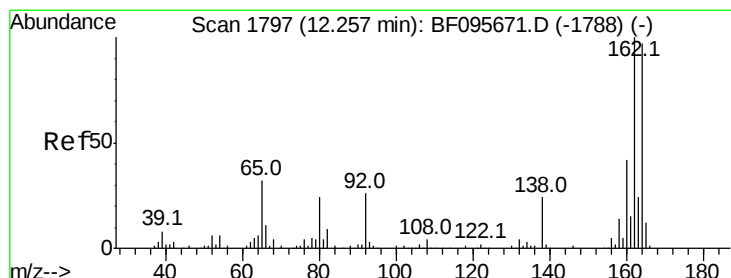
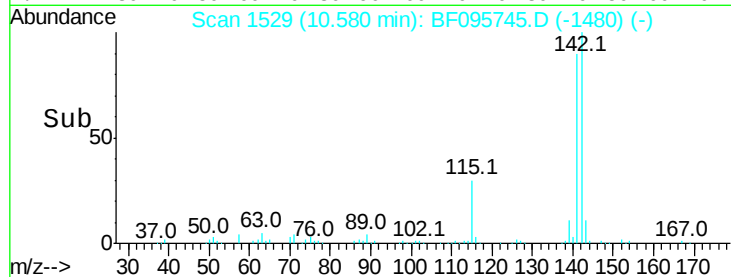
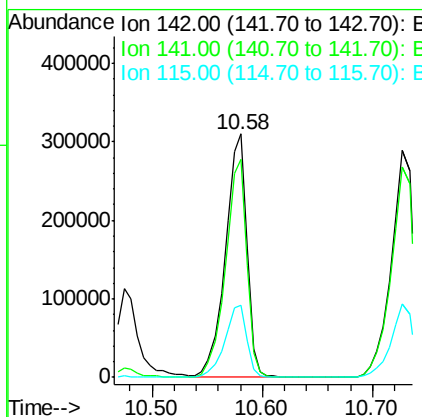
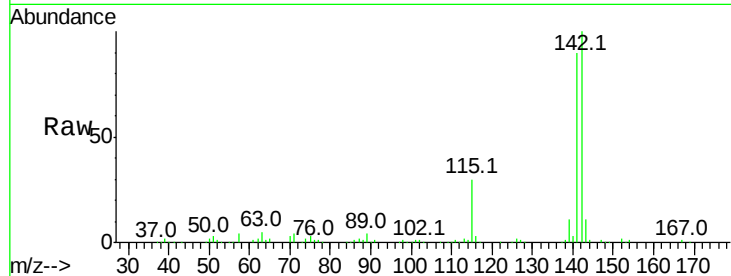




#37
2-Methylnaphthalene
Concen: 41.60 ng
RT: 10.58 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

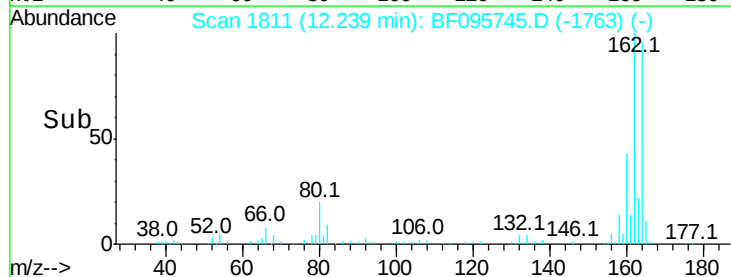
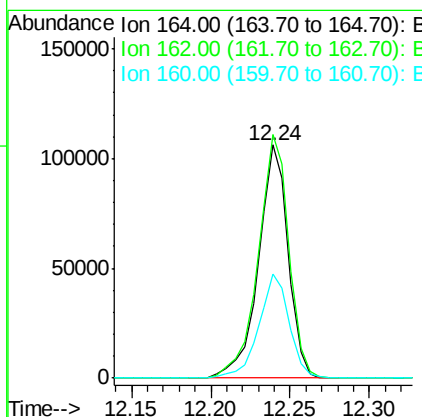
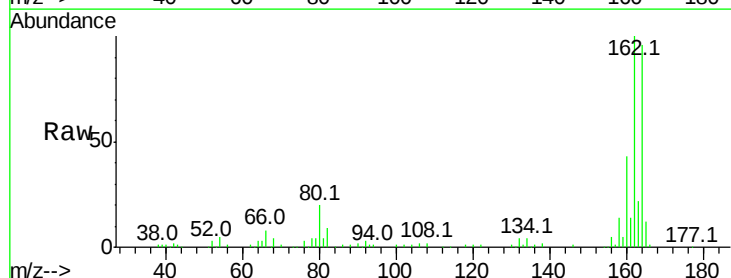
Instrument :
BNA_F
ClientSampled :

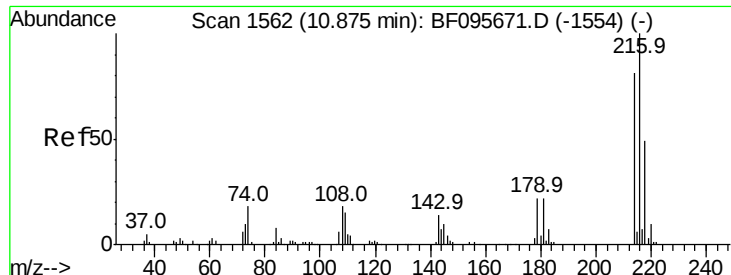
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	29.8	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	44.8	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.52 ng

RT: 10.86 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 168576

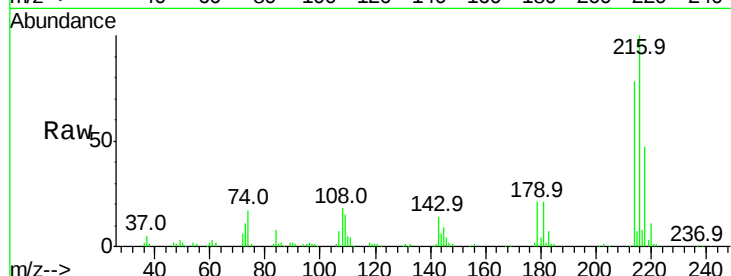
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 21.3 17.9 26.9

108 20.1 16.5 24.7

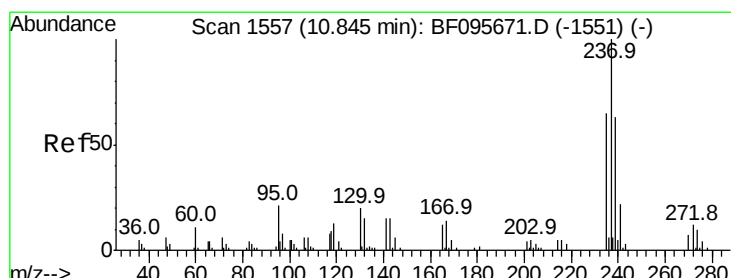
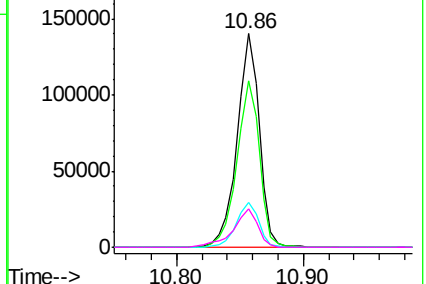
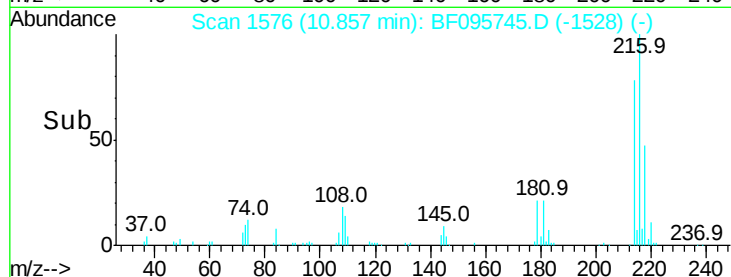


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.24 ng

RT: 10.83 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

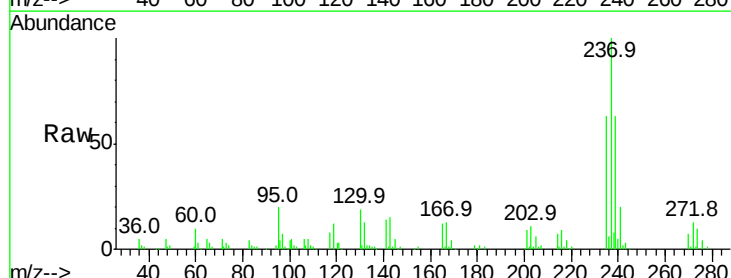
Tgt Ion:237 Resp: 116828

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

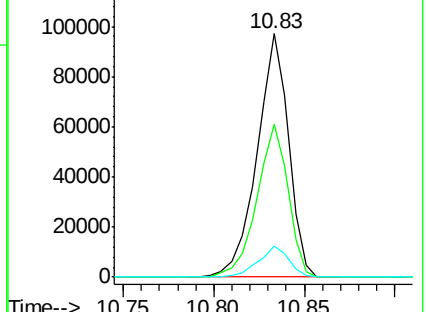
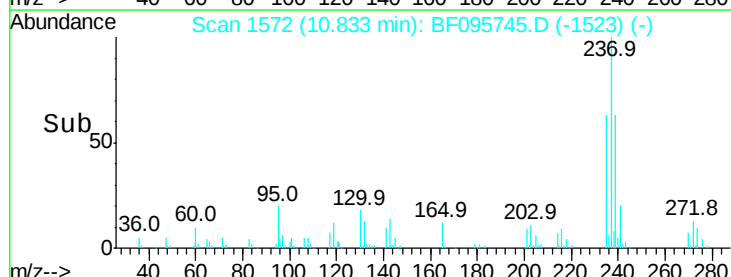
272 12.7 0.0 31.9

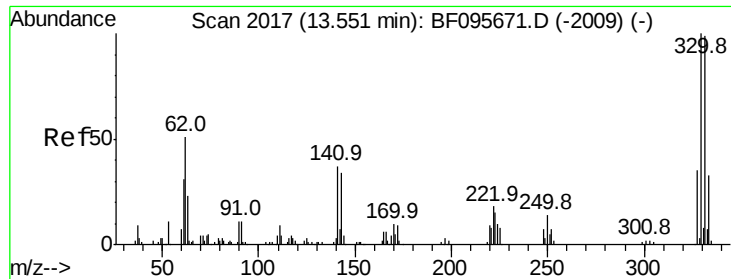


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

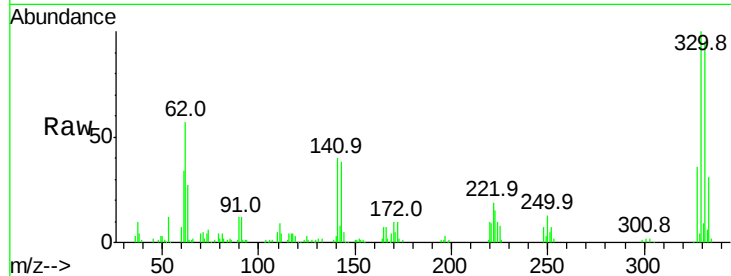




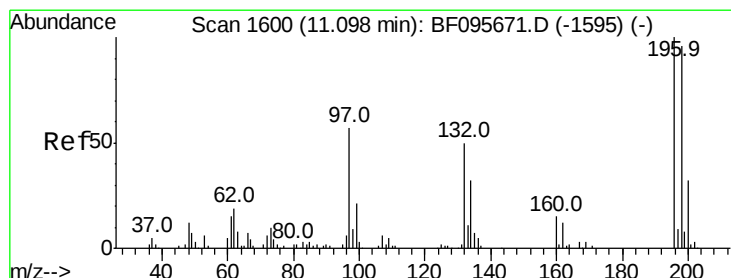
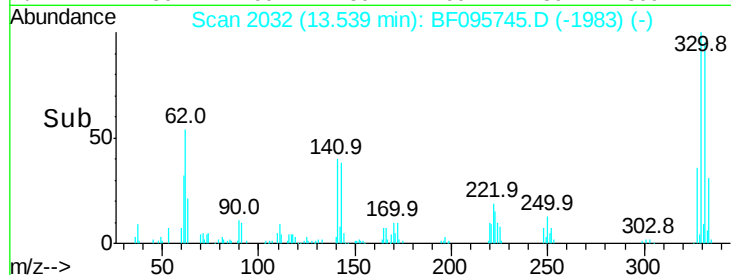
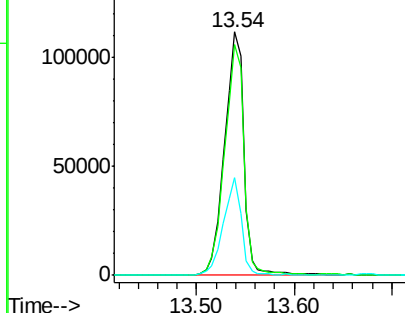
#41
 2,4,6-Tribromophenol
 Concen: 126.24 ng
 RT: 13.54 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 155271
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 37.6 31.4 47.2

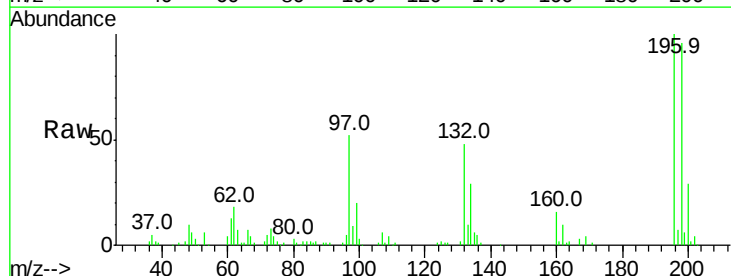


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

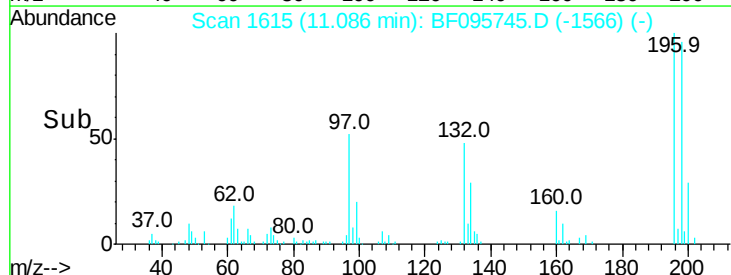
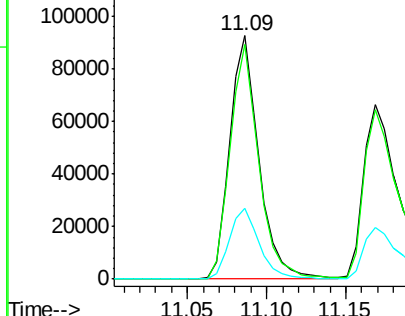


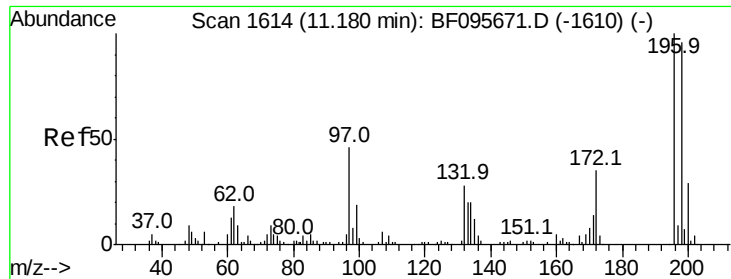
#42
 2,4,6-Trichlorophenol
 Concen: 44.15 ng
 RT: 11.09 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion:196 Resp: 118086
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.2 111.4
 200 29.2 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

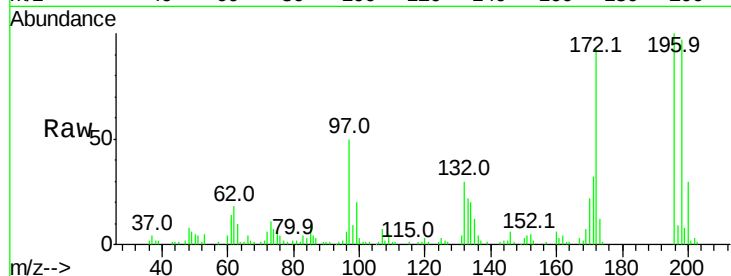




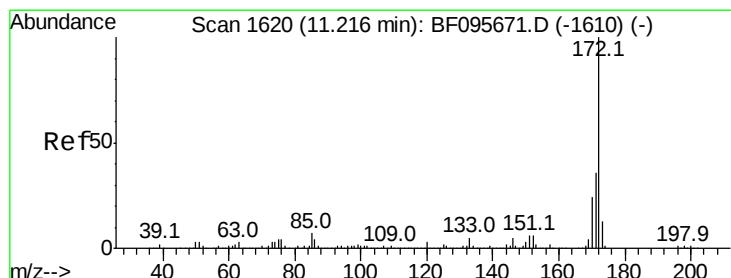
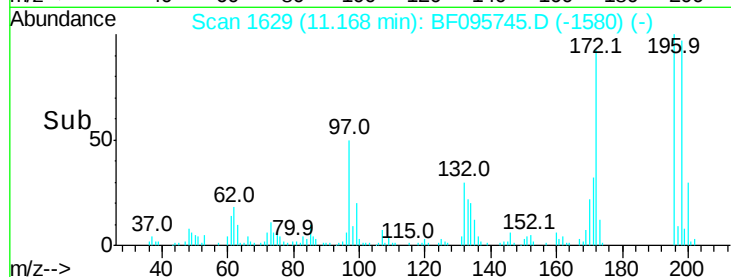
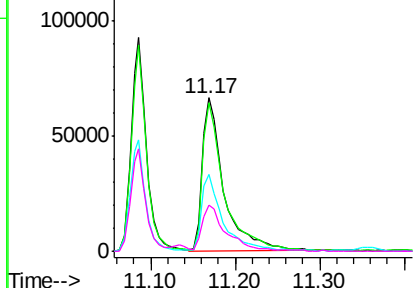
#43
2,4,5-Trichlorophenol
Concen: 41.60 ng
RT: 11.17 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 118373
Ion Ratio Lower Upper
196 100
198 97.3 75.7 113.5
97 50.5 47.7 71.5
132 30.3 28.0 42.0

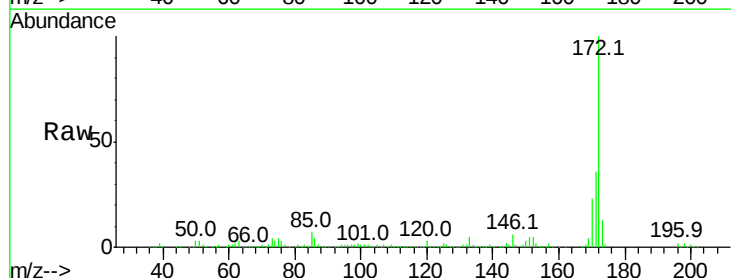


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

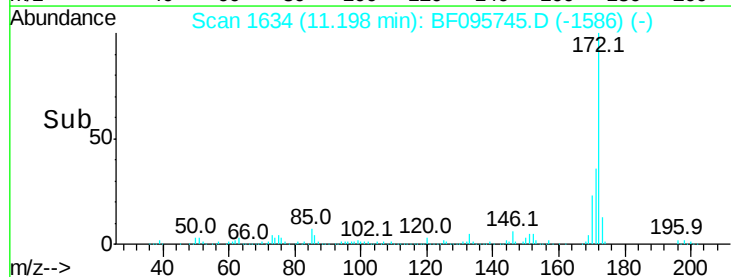
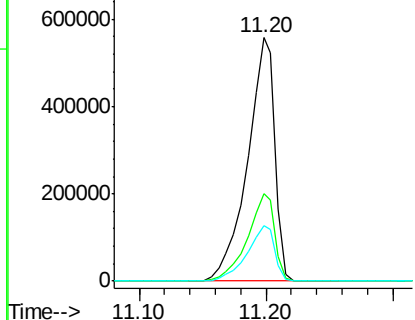


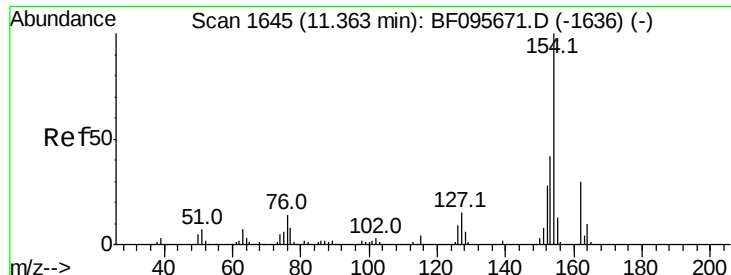
#44
2-Fluorobiphenyl
Concen: 83.65 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion:172 Resp: 835656
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.0 19.8 29.8



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

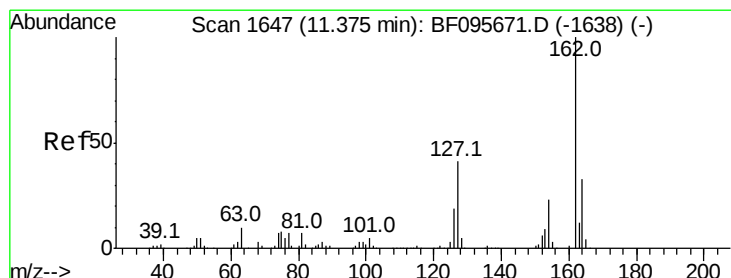
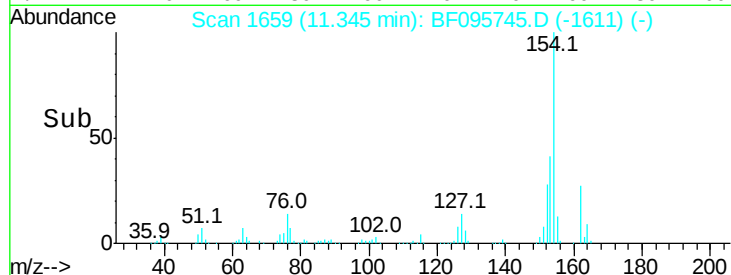
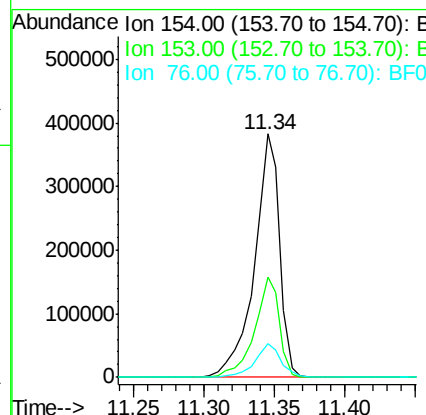
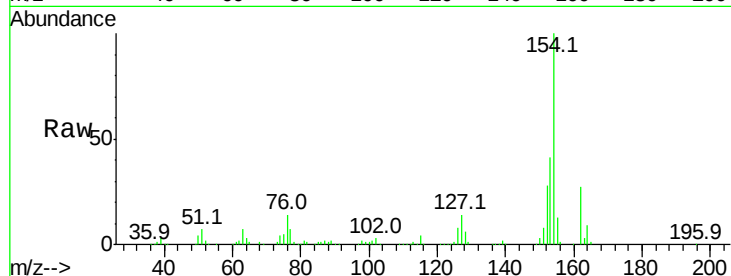




#45
 1,1'-Biphenyl
 Concen: 41.72 ng
 RT: 11.34 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

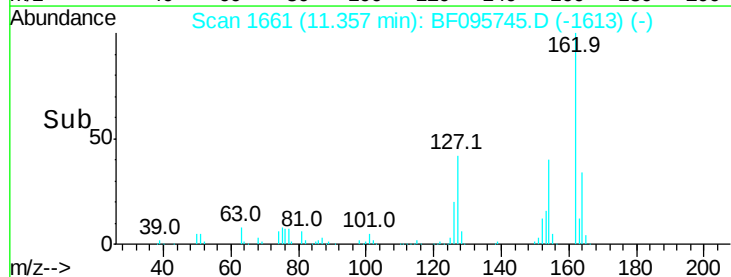
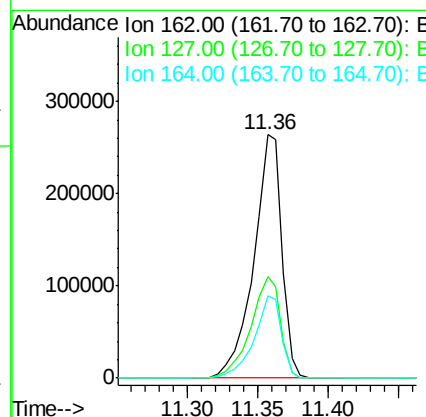
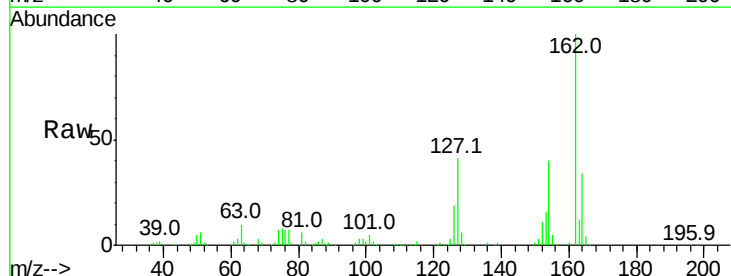
Instrument :
 BNA_F
 ClientSampled :

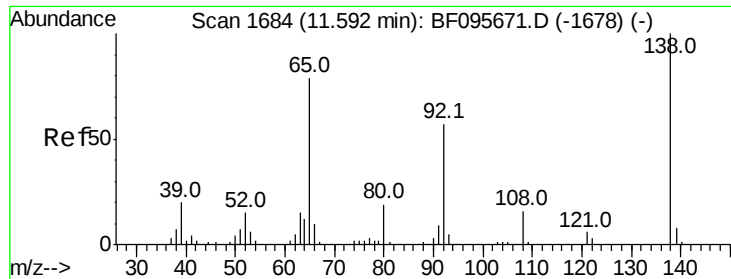
Tot Ion:154 Resp: 478004
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.2 61.2
 76 13.8 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 41.33 ng
 RT: 11.36 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion:162 Resp: 370001
 Ion Ratio Lower Upper
 162 100
 127 41.5 28.3 42.5
 164 34.1 27.0 40.4

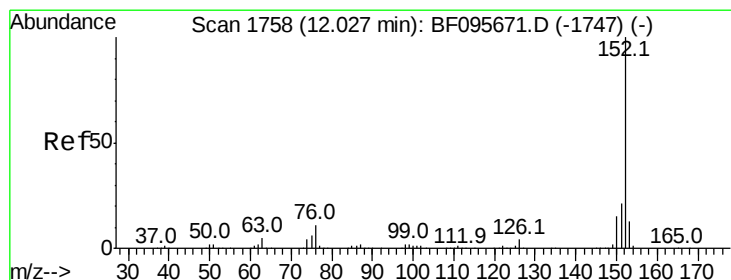
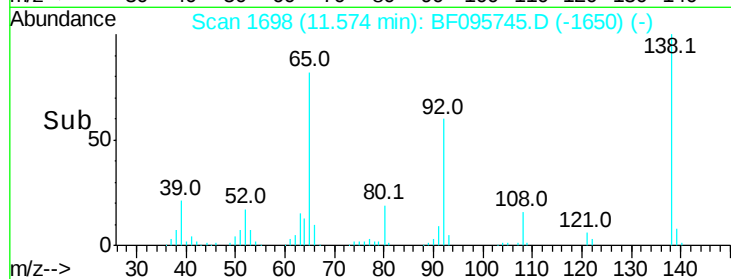
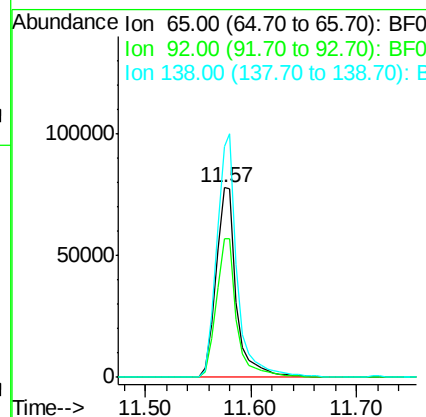
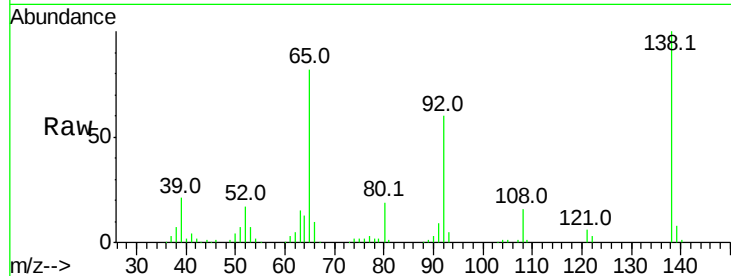




#47
 2-Nitroaniline
 Concen: 40.78 ng
 RT: 11.57 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

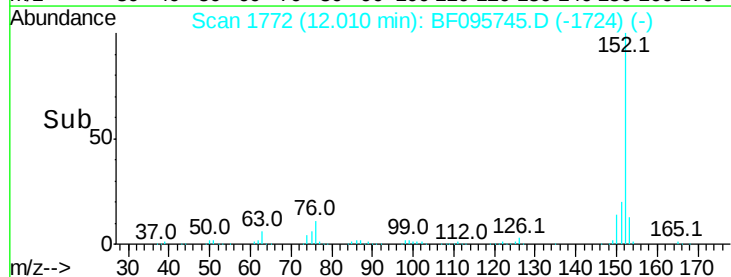
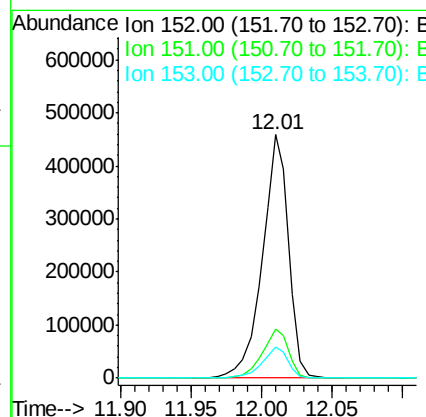
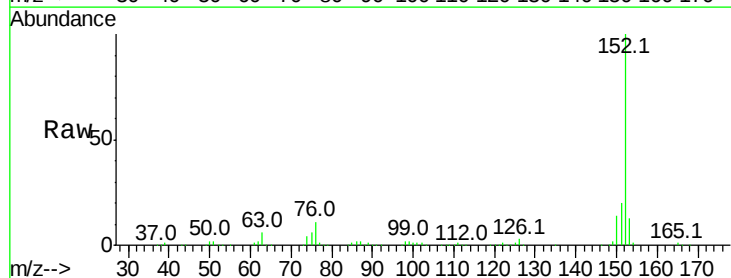
Instrument :
 BNA_F
 ClientSampled :

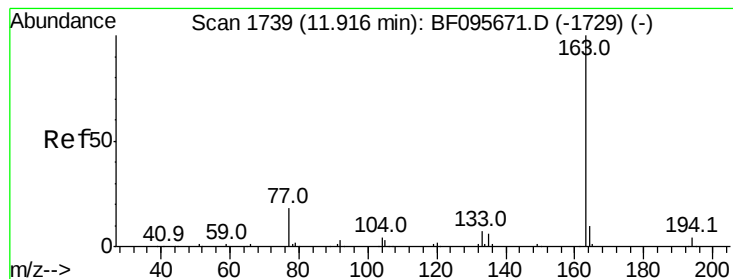
Tot Ion: 65 Resp: 106820
 Ion Ratio Lower Upper
 65 100
 92 73.1 53.9 80.9
 138 121.5 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.96 ng
 RT: 12.01 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion:152 Resp: 596371
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 43.33 ng

RT: 11.90 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

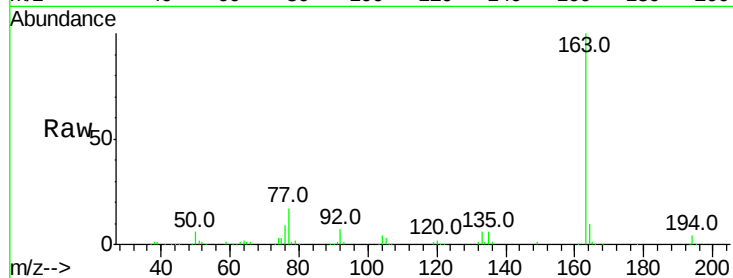
Tot Ion:163 Resp: 457322

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

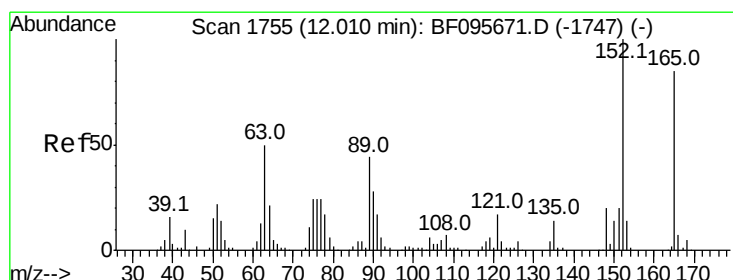
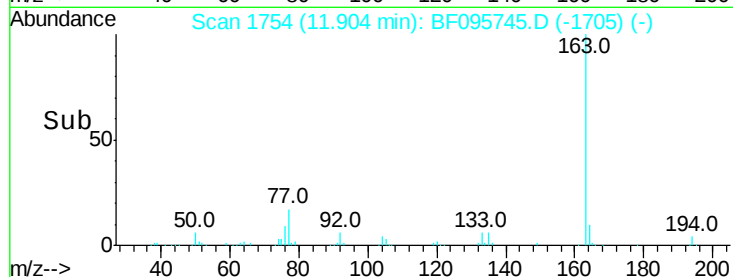
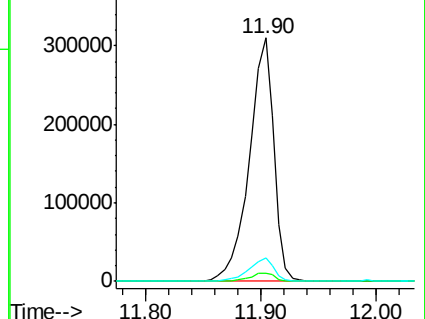
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.46 ng

RT: 12.00 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

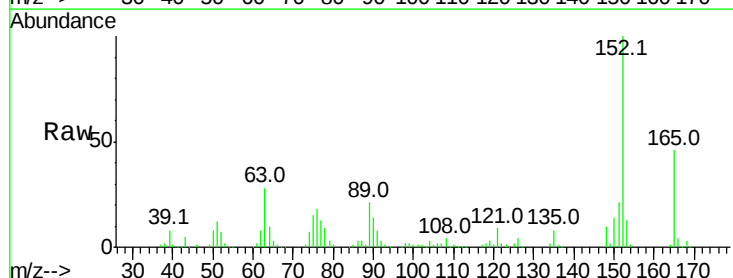
Tgt Ion:165 Resp: 97752

Ion Ratio Lower Upper

165 100

63 60.4 34.3 51.5#

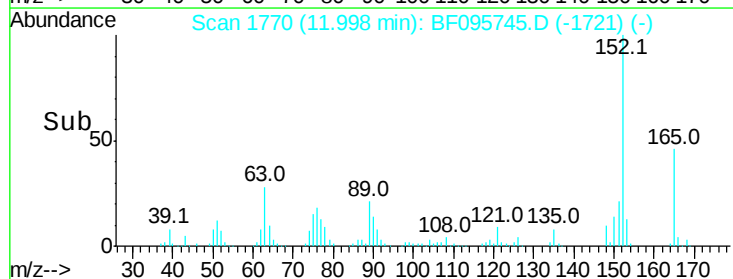
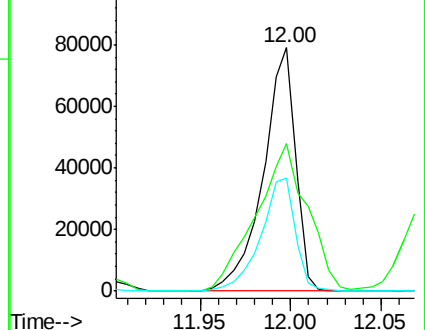
89 46.5 37.1 55.7

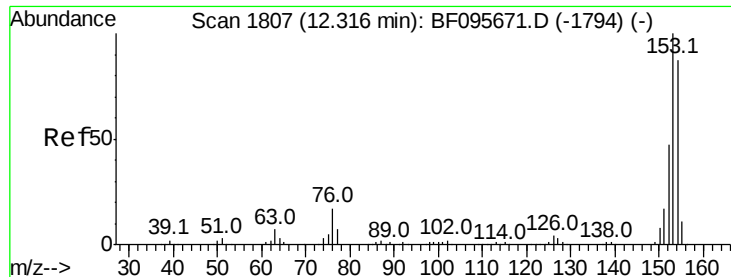


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.81 ng

RT: 12.30 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

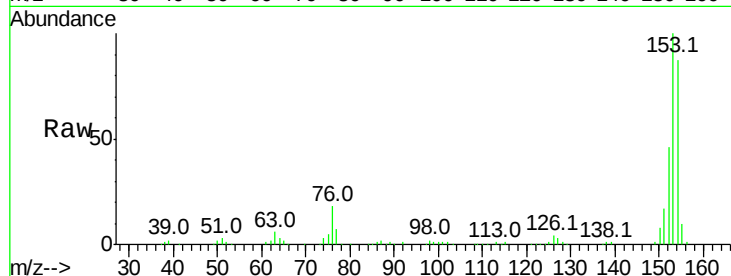
Tot Ion:154 Resp: 351934

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

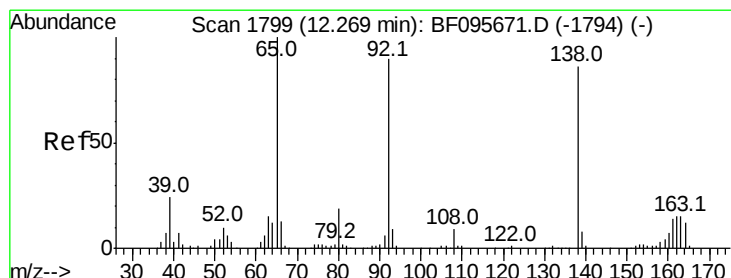
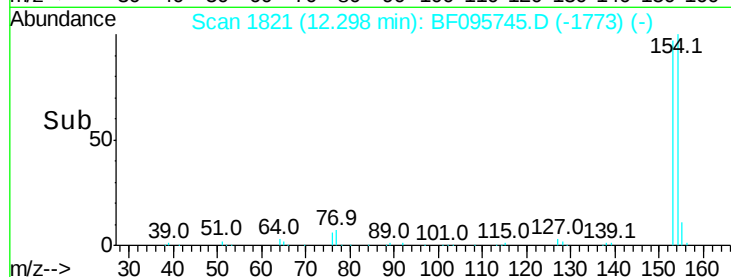
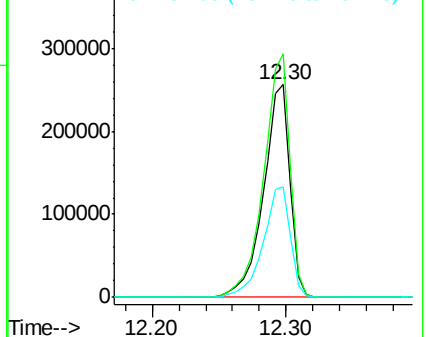
152 52.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.11 ng

RT: 12.26 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

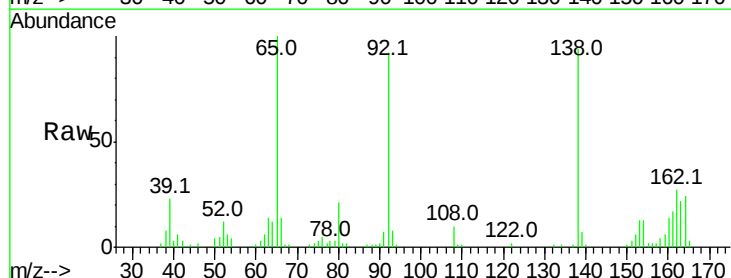
Tgt Ion:138 Resp: 70040

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

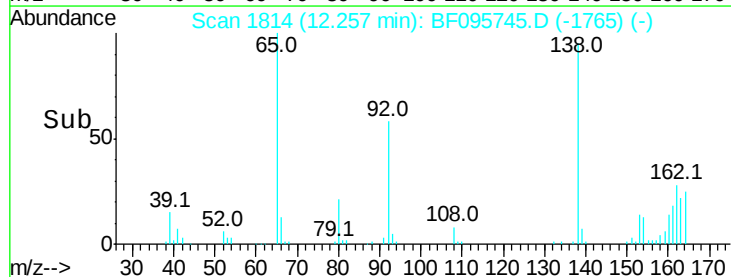
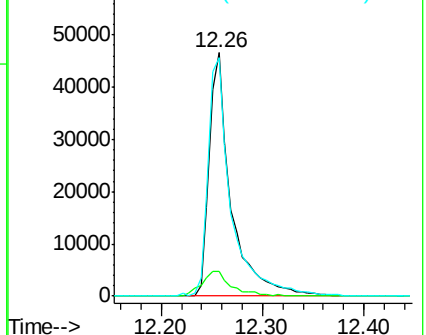
92 97.9 93.8 140.6

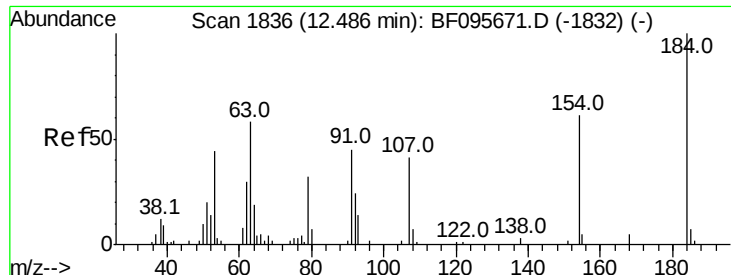


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

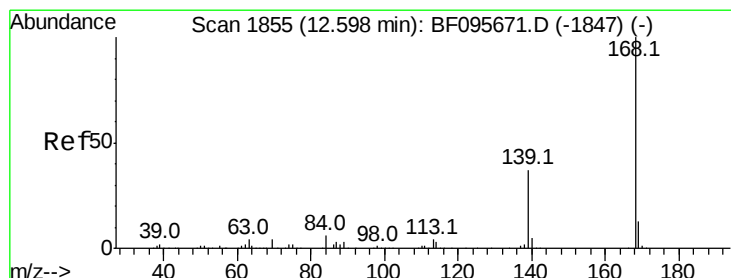
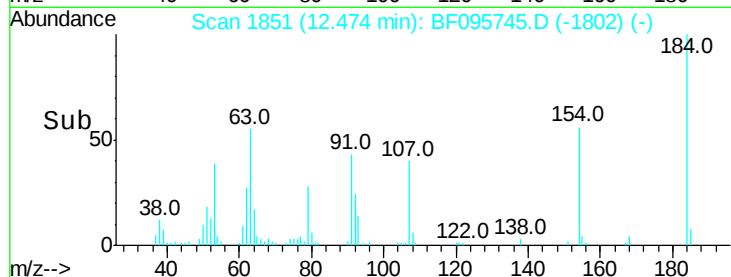
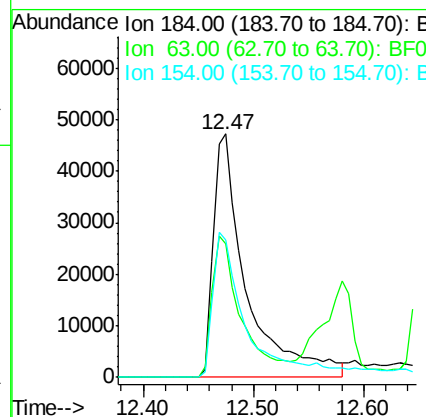
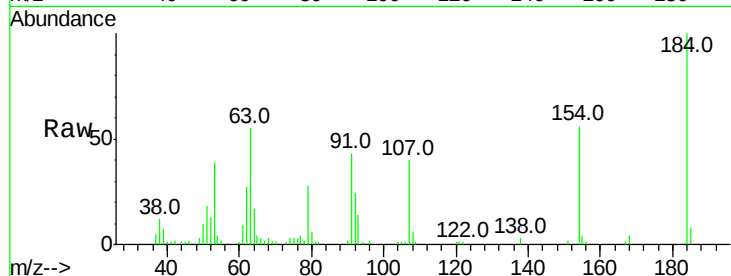




#53
 2,4-Dinitrophenol
 Concen: 74.96 ng
 RT: 12.47 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

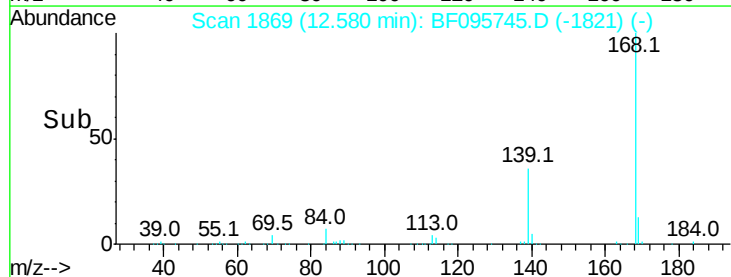
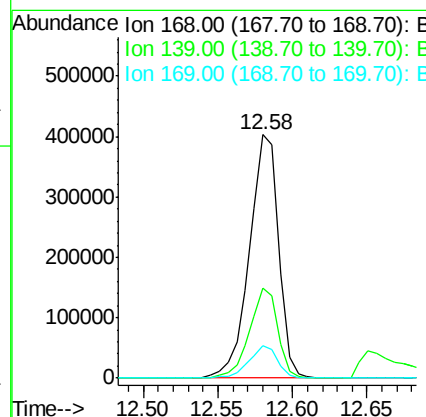
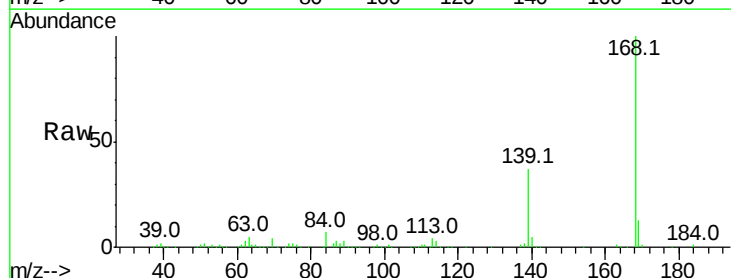
Instrument :
 BNA_F
 ClientSampleId :

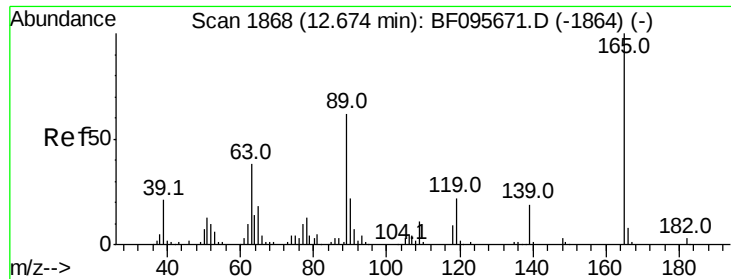
Tot Ion:184 Resp: 97132
 Ion Ratio Lower Upper
 184 100
 63 54.9 62.7 94.1#
 154 56.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.58 ng
 RT: 12.58 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion:168 Resp: 542254
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.4 10.8 16.2

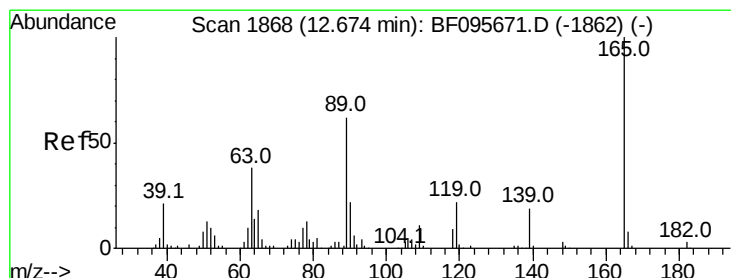
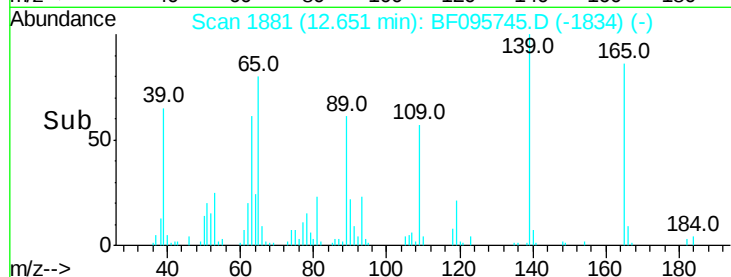
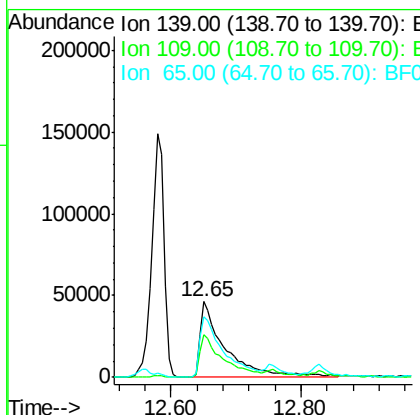
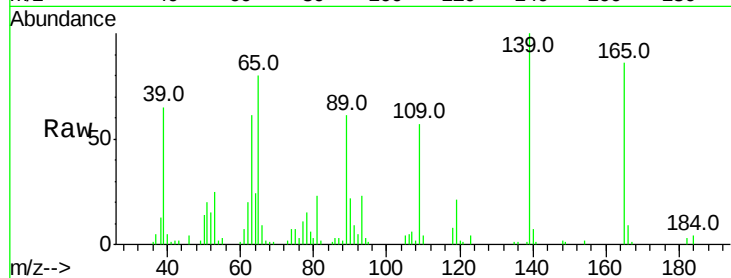




#55
4-Nitrophenol
Concen: 78.98 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

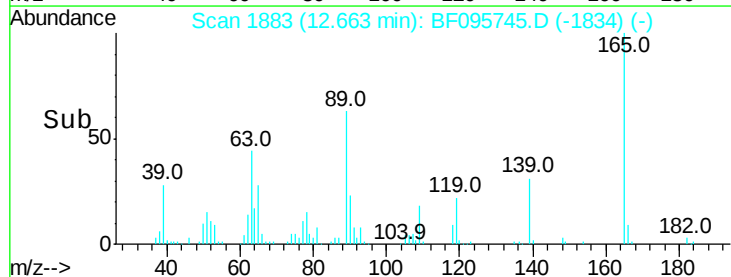
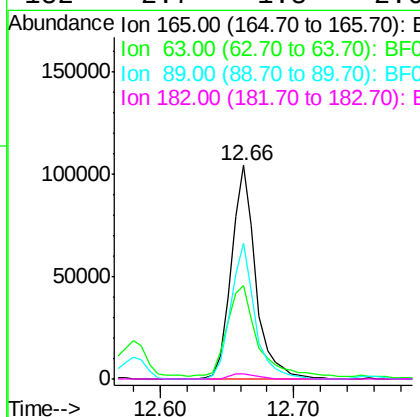
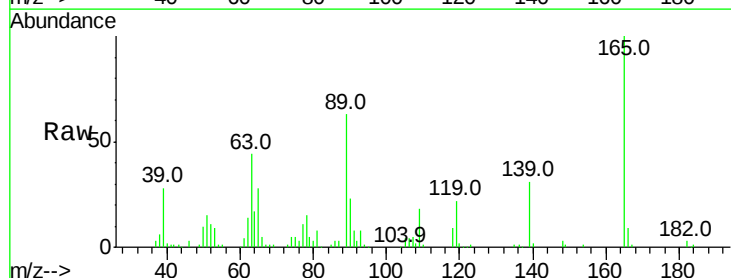
Instrument :
BNA_F
ClientSampled :

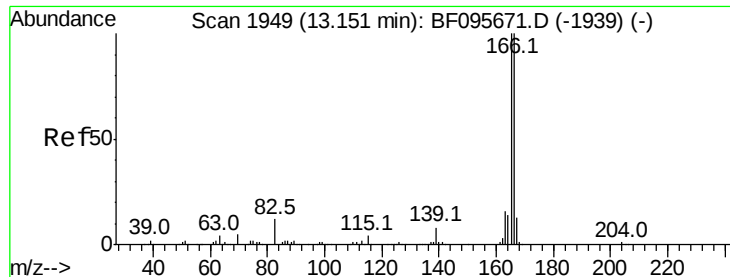
Tot Ion:139 Resp: 123587
Ion Ratio Lower Upper
139 100
109 56.9 34.1 74.1
65 80.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.95 ng
RT: 12.66 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion:165 Resp: 133567
Ion Ratio Lower Upper
165 100
63 43.7 25.4 38.0#
89 63.4 46.4 69.6
182 2.7 1.8 2.6#





#57

Fluorene

Concen: 40.09 ng

RT: 13.13 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

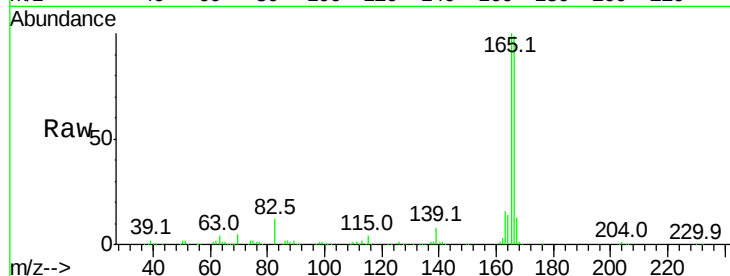
Tot Ion:166 Resp: 434120

Ion Ratio Lower Upper

166 100

165 101.0 78.8 118.2

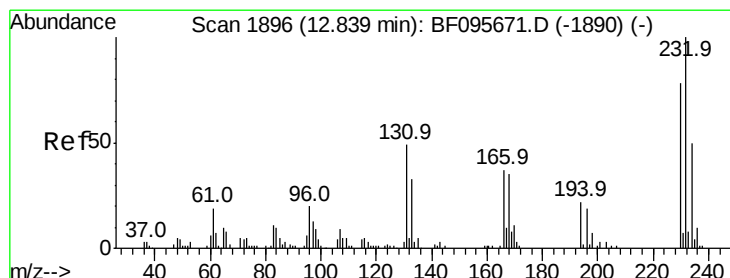
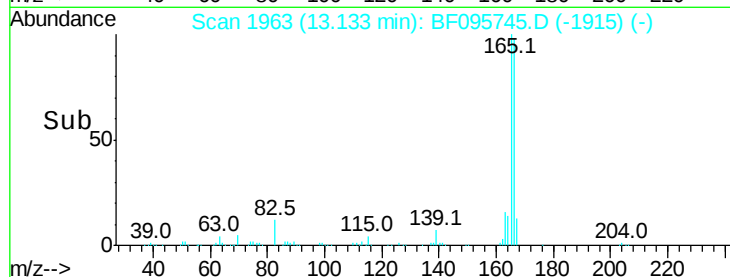
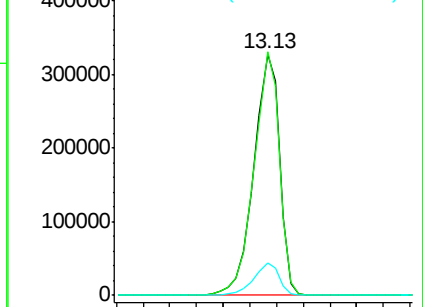
167 13.5 10.6 16.0



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: 48.15 ng

RT: 12.83 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:232 Resp: 93740

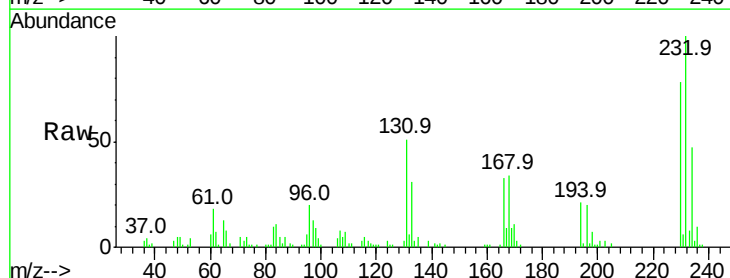
Ion Ratio Lower Upper

232 100

131 47.2 44.8 67.2

130 2.0 2.3 3.5#

166 29.5 29.0 43.4

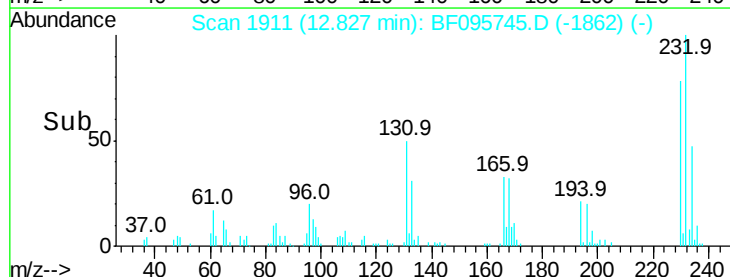
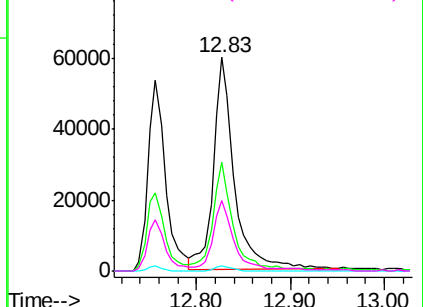


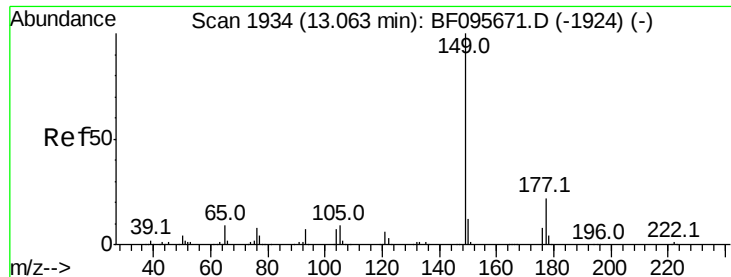
Abundance Ion 232.00 (231.70 to 232.70): E

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

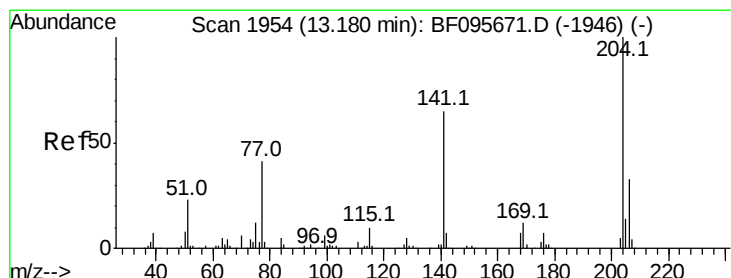
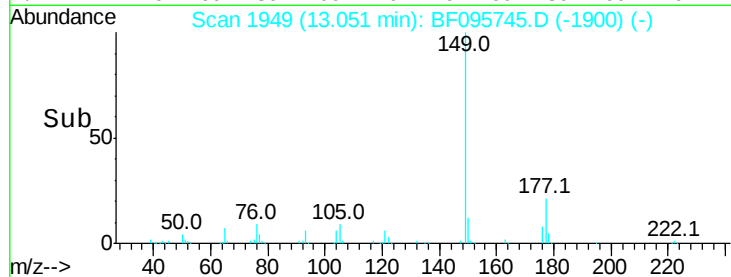
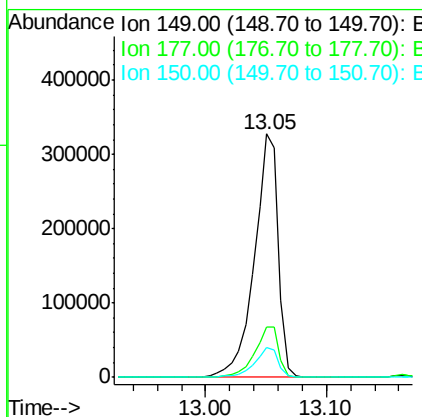
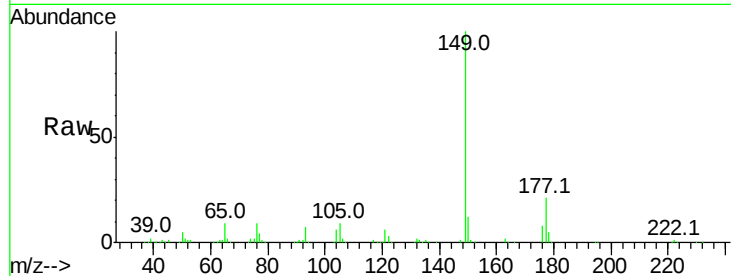




#59
 Diethylphthalate
 Concen: 44.07 ng
 RT: 13.05 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

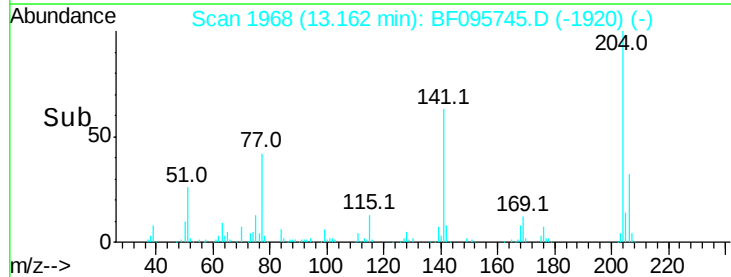
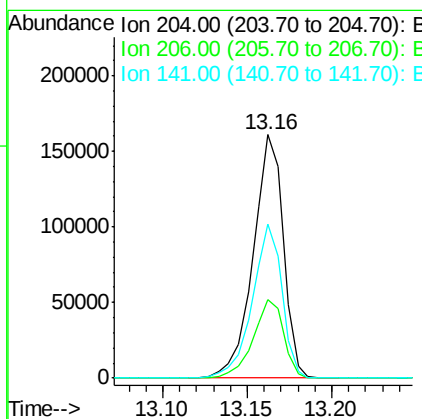
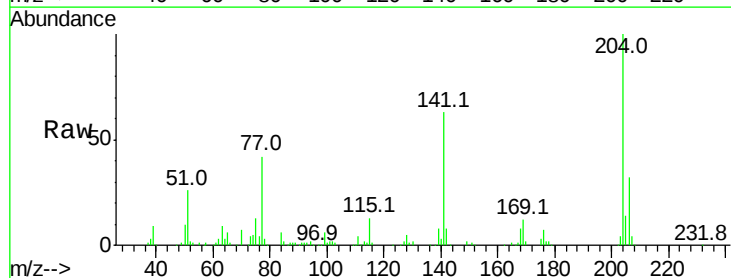
Instrument :
 BNA_F
 ClientSampleId :

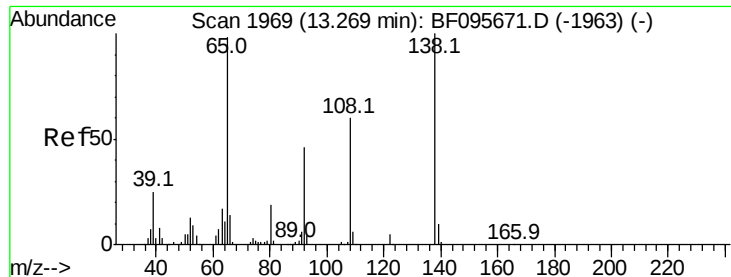
Tot Ion:	149	Resp:	447604
Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.5	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 42.58 ng
 RT: 13.16 min Scan# 1968
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion:	204	Resp:	200484
Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	63.4	60.8	91.2

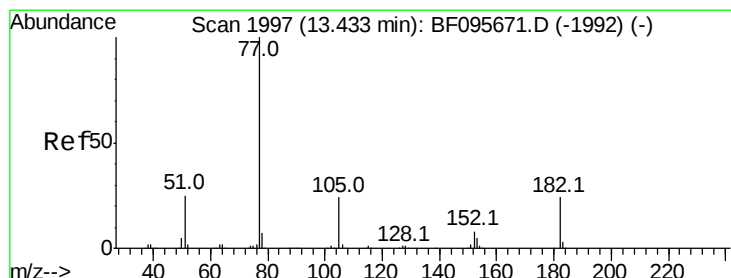
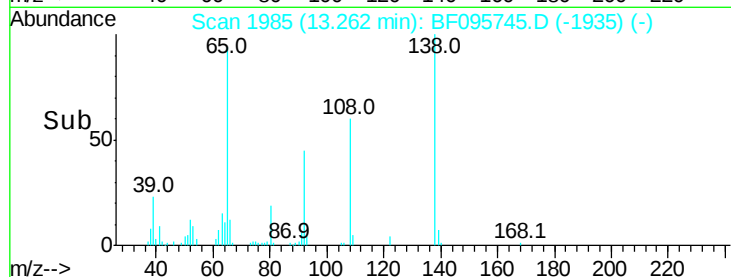
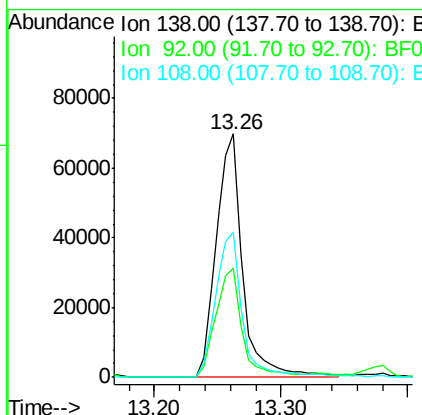
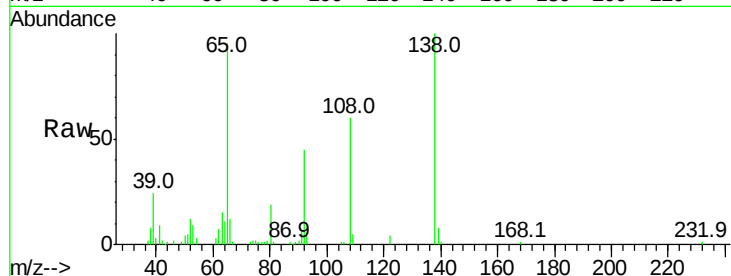




#61
4-Nitroaniline
Concen: 40.42 ng
RT: 13.26 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

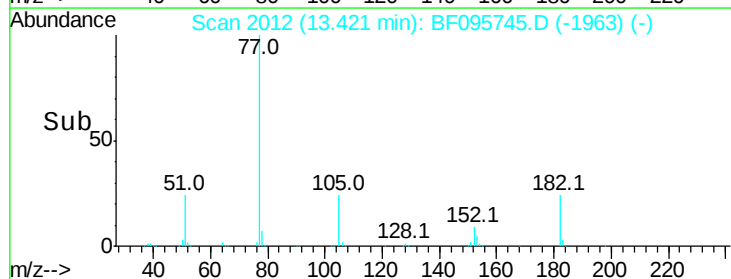
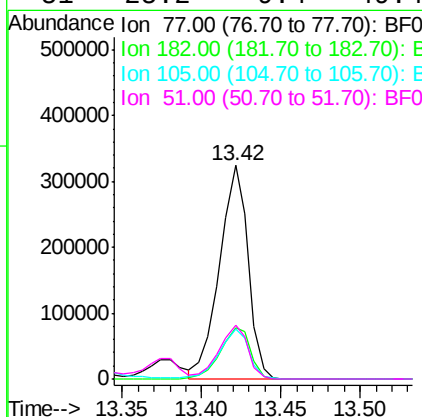
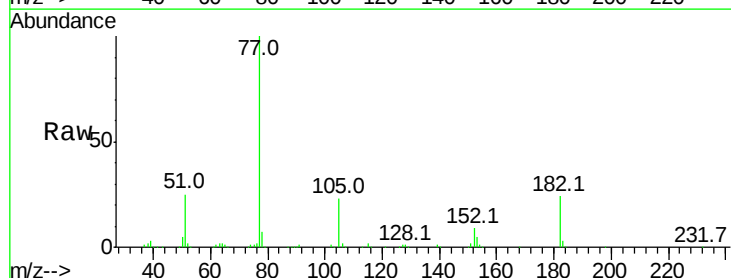
Instrument :
BNA_F
ClientSampled :

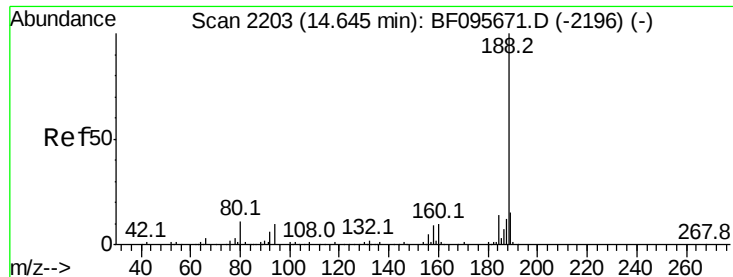
Tot Ion:138 Resp: 101229
Ion Ratio Lower Upper
138 100
92 44.6 21.8 61.8
108 59.8 42.3 82.3



#62
Azobenzene
Concen: 44.05 ng
RT: 13.42 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion: 77 Resp: 405527
Ion Ratio Lower Upper
77 100
182 23.9 0.1 40.1
105 23.3 3.6 43.6
51 25.2 9.4 49.4

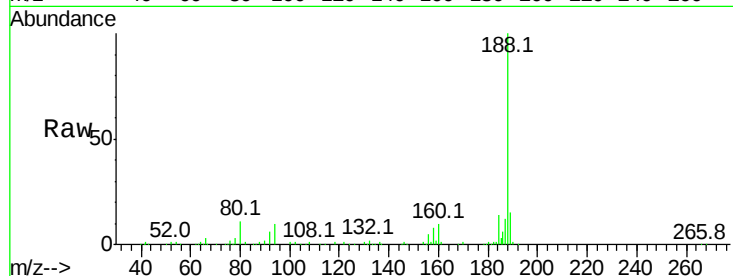




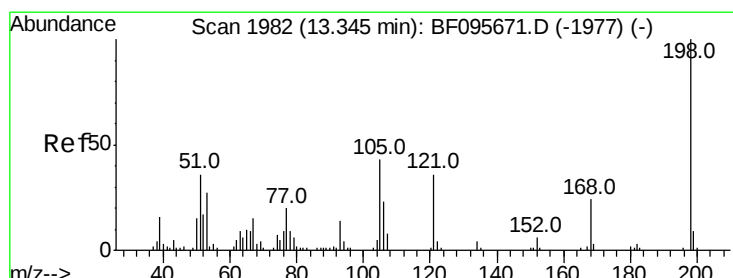
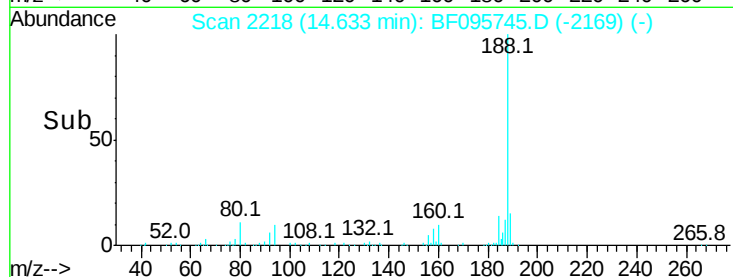
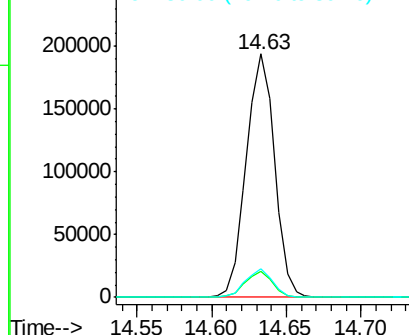
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 254167
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.5 10.2 15.2

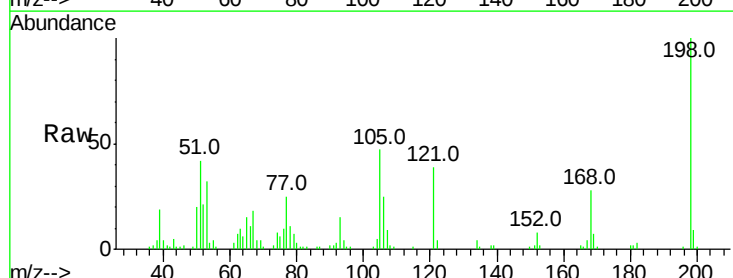


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

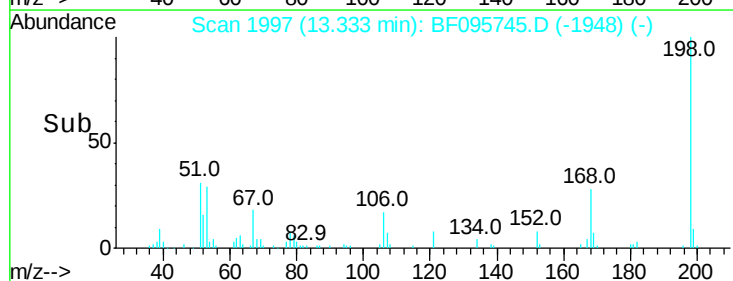
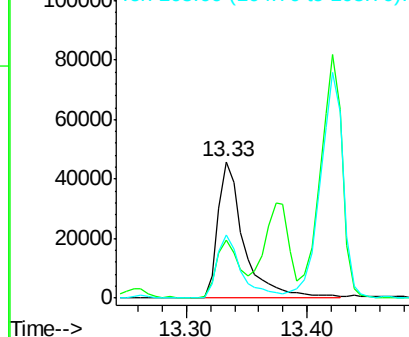


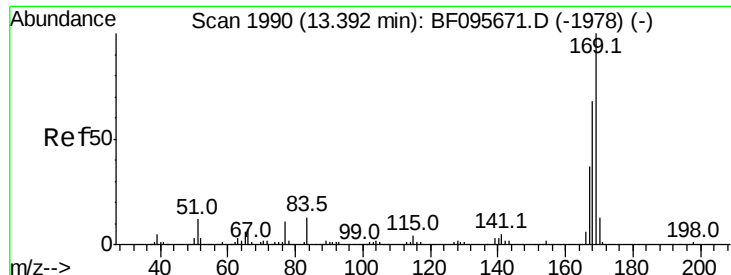
#64
4,6-Dinitro-2-methylphenol
Concen: 40.69 ng
RT: 13.33 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion:198 Resp: 67972
Ion Ratio Lower Upper
198 100
51 42.3 53.2 93.2#
105 46.7 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



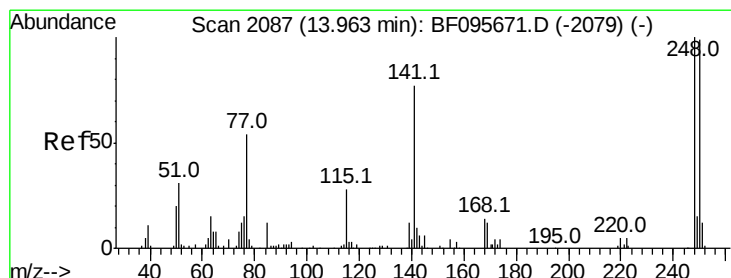
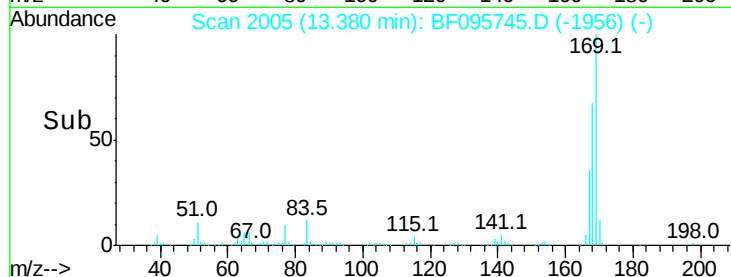
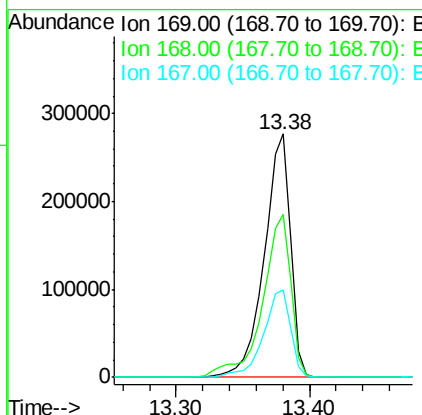
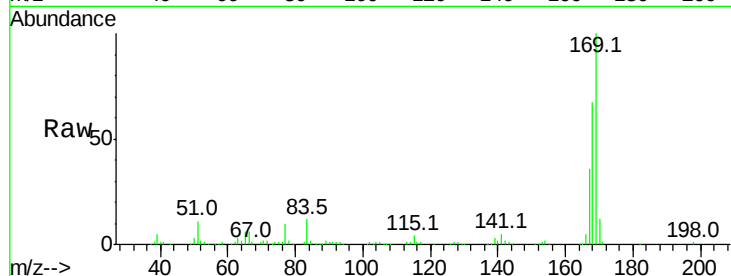


#65
 n-Nitrosodiphenylamine
 Concen: 41.35 ng
 RT: 13.38 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 377610

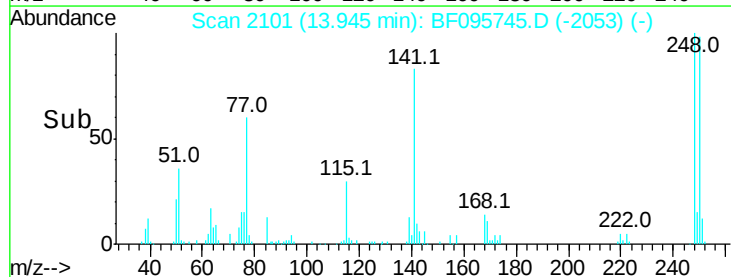
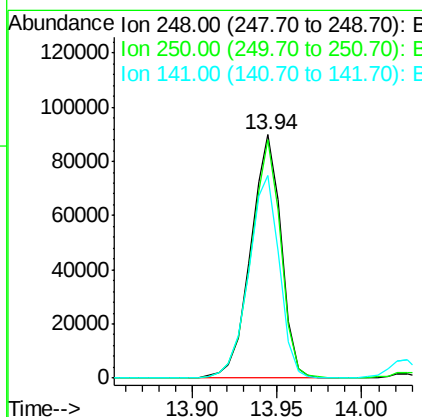
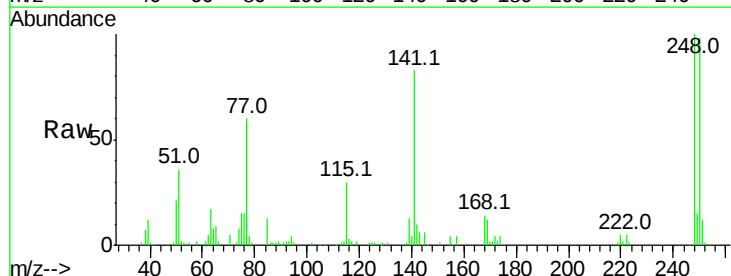
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	35.7	29.5	44.3

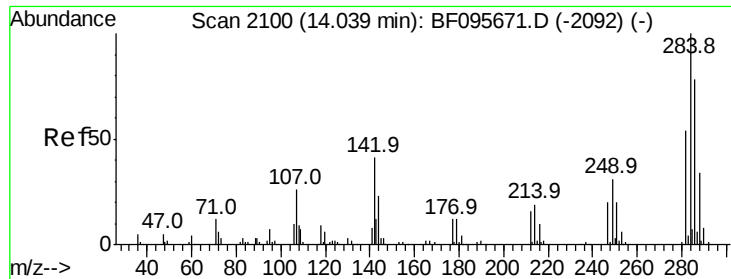


#66
 4-Bromophenyl-phenylether
 Concen: 42.58 ng
 RT: 13.94 min Scan# 2101
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion:248 Resp: 112466

Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.8	115.2
141	83.2	68.6	103.0

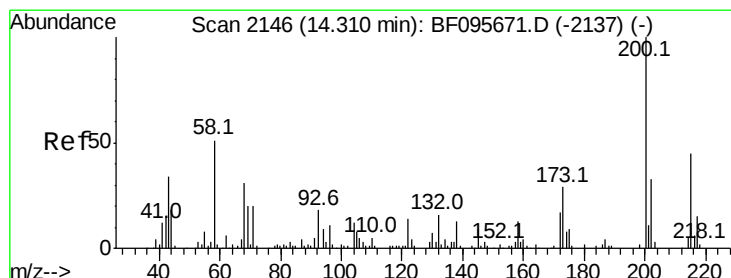
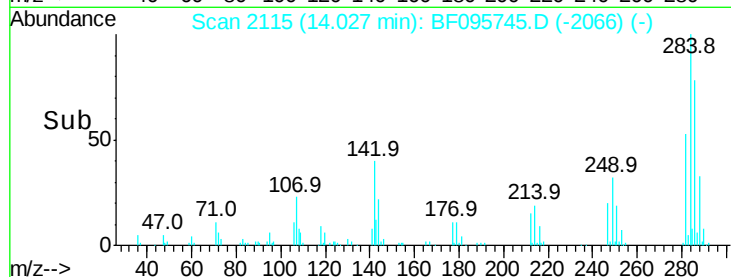
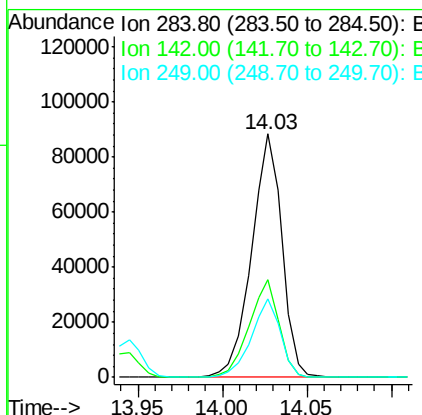
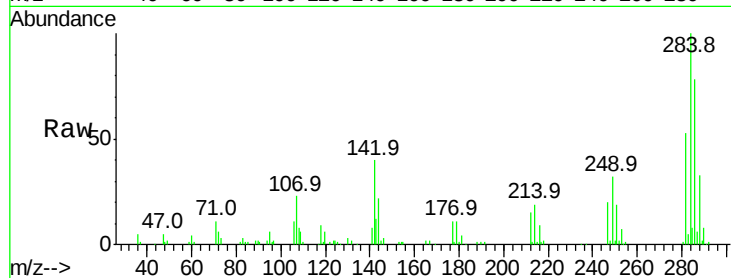




#67
Hexachlorobenzene
Concen: 42.43 ng
RT: 14.03 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

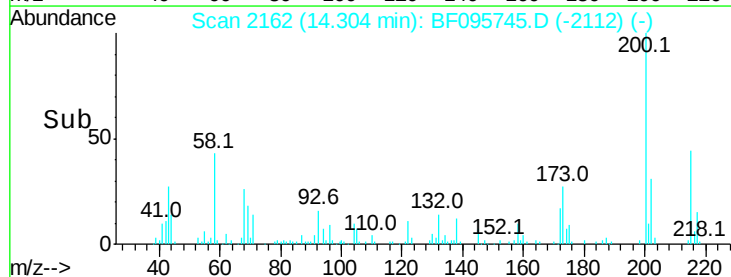
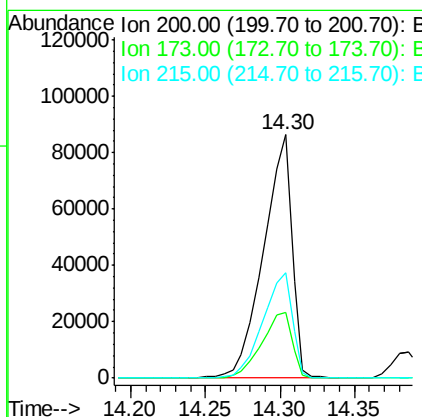
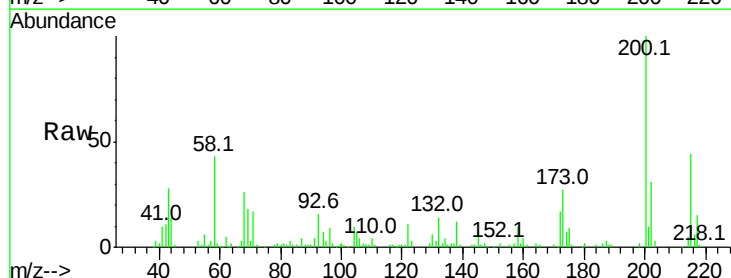
Instrument :
BNA_F
ClientSampleId :

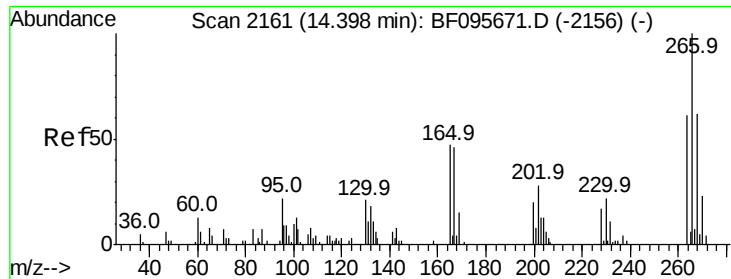
Tot Ion:284 Resp: 110443
Ion Ratio Lower Upper
284 100
142 40.1 22.8 34.2#
249 32.4 24.0 36.0



#68
Atrazine
Concen: 44.76 ng
RT: 14.30 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion:200 Resp: 113759
Ion Ratio Lower Upper
200 100
173 26.9 6.3 46.3
215 43.5 27.2 67.2

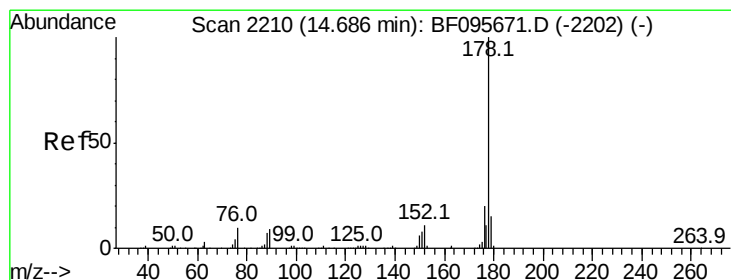
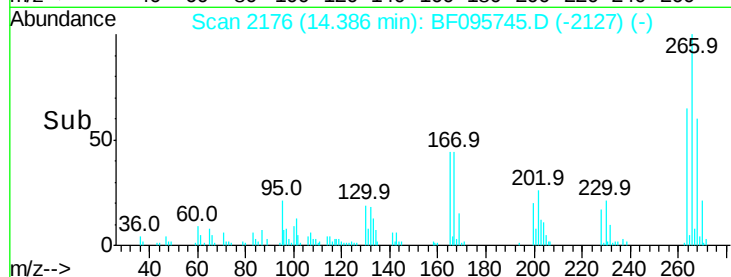
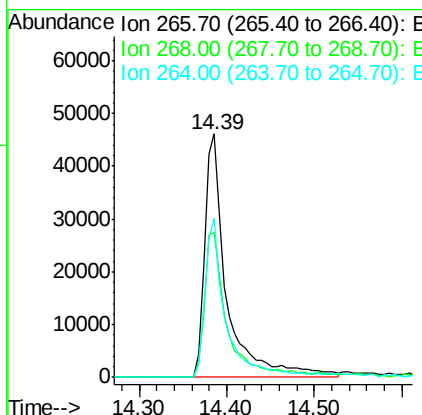
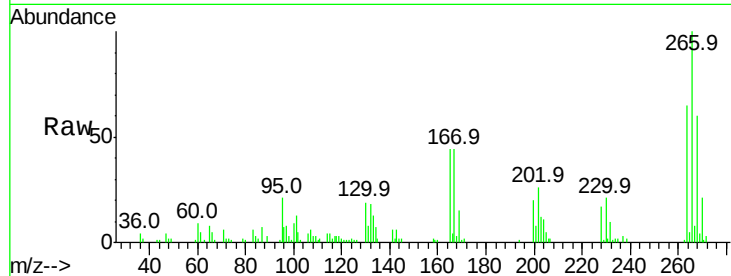




#69
 Pentachlorophenol
 Concen: 81.79 ng
 RT: 14.39 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

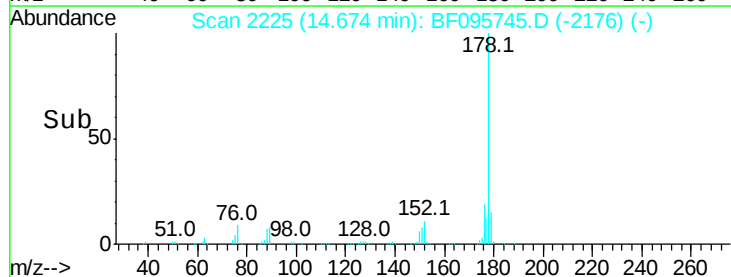
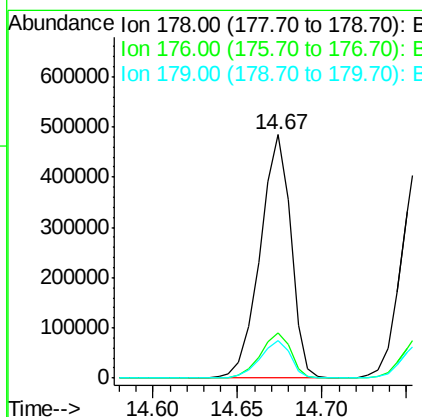
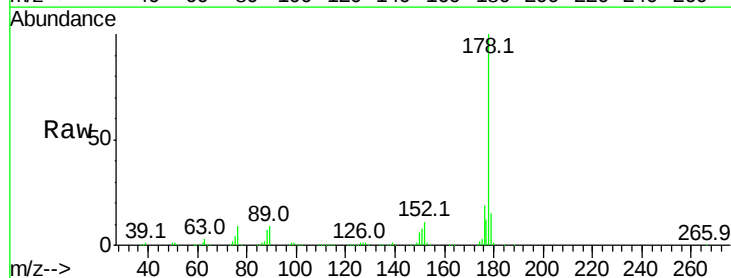
Instrument :
 BNA_F
 ClientSampleId :

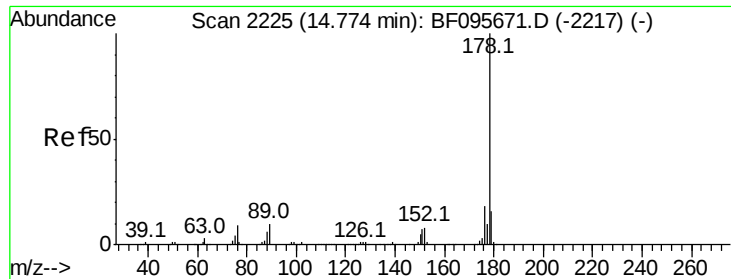
Tot Ion:266 Resp: 80883
 Ion Ratio Lower Upper
 266 100
 268 59.6 51.1 76.7
 264 65.3 51.7 77.5



#70
 Phenanthrene
 Concen: 41.75 ng
 RT: 14.67 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion:178 Resp: 612233
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 15.2 12.6 19.0

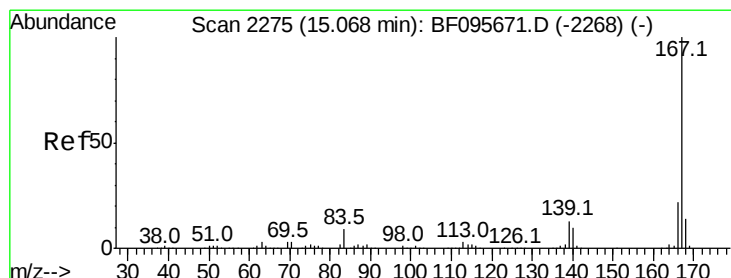
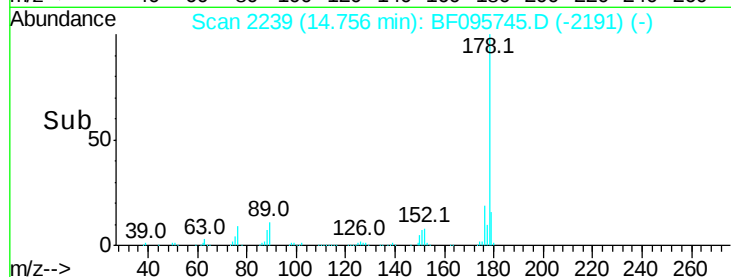
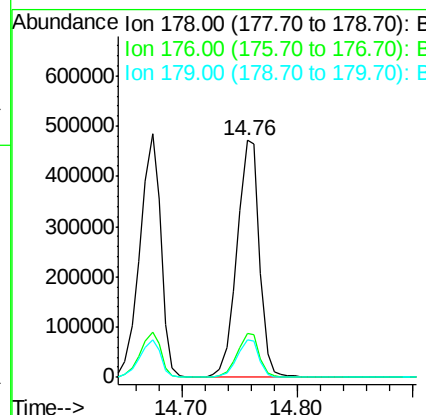
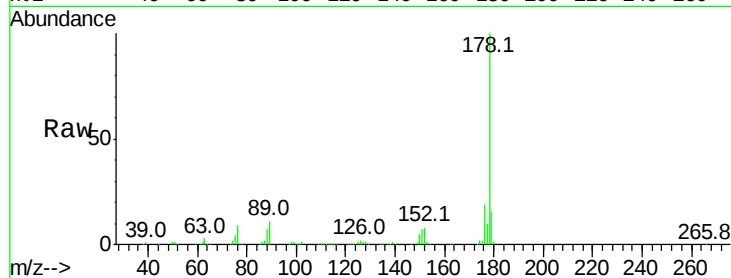




#71
 Anthracene
 Concen: 41.55 ng
 RT: 14.76 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

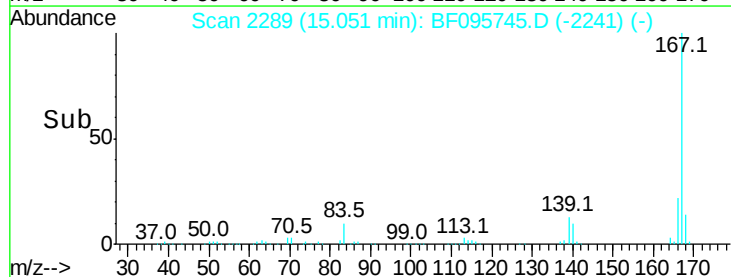
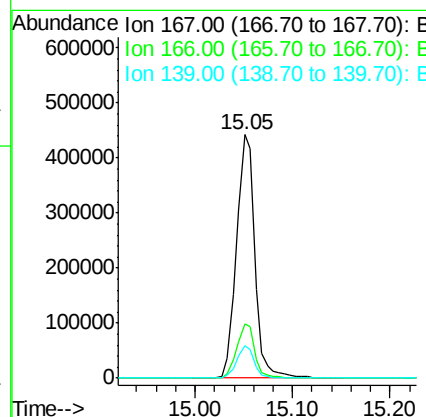
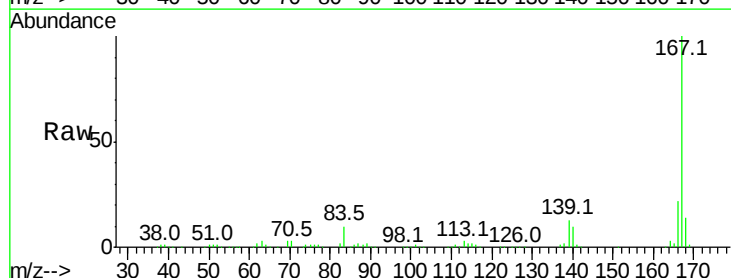
Instrument :
 BNA_F
 ClientSampleId :

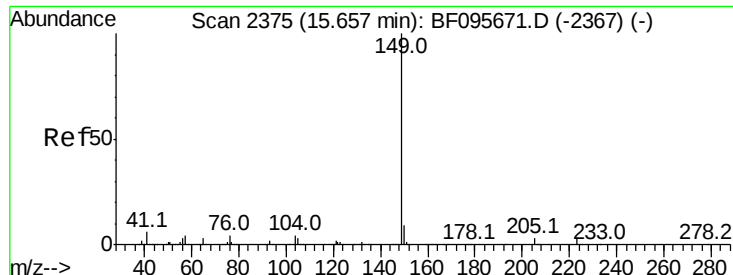
Tot Ion:178 Resp: 636103
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.73 ng
 RT: 15.05 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion:167 Resp: 577837
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.78 ng

RT: 15.64 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

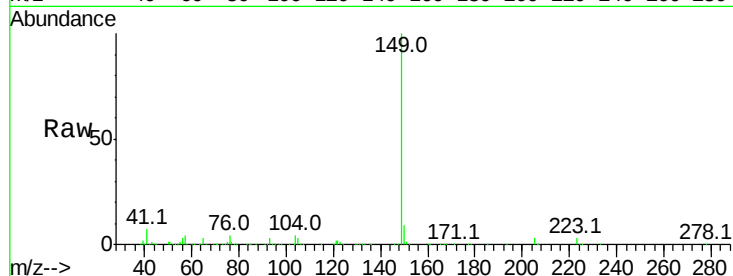
Tot Ion:149 Resp: 710868

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

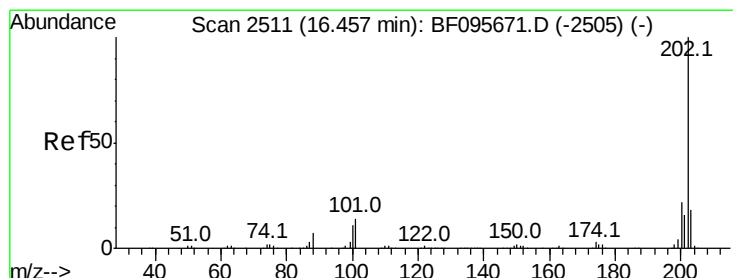
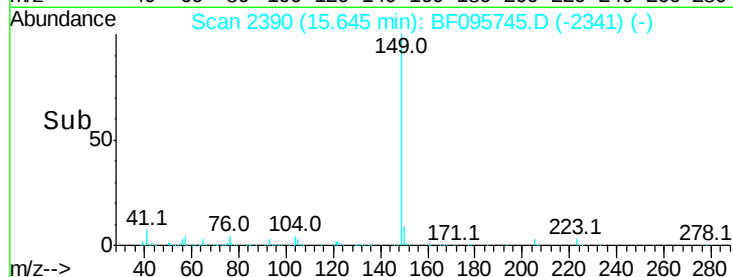
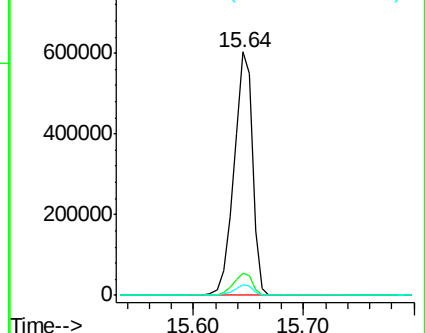
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.74 ng

RT: 16.45 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

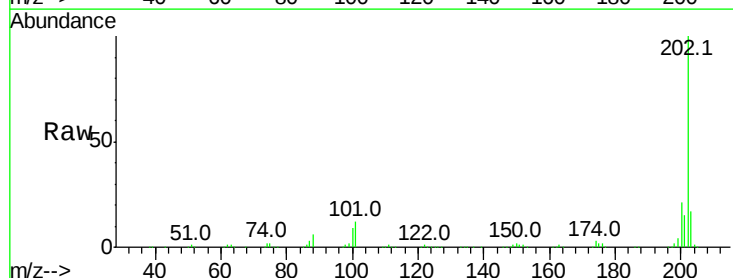
Tgt Ion:202 Resp: 620365

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

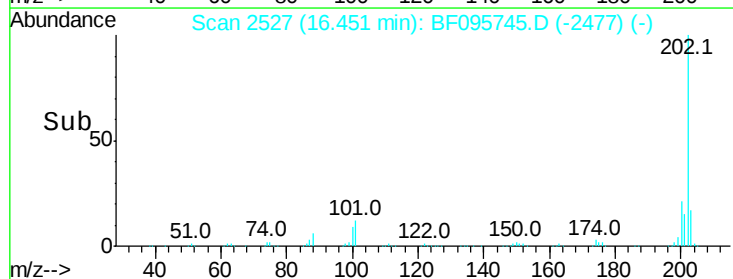
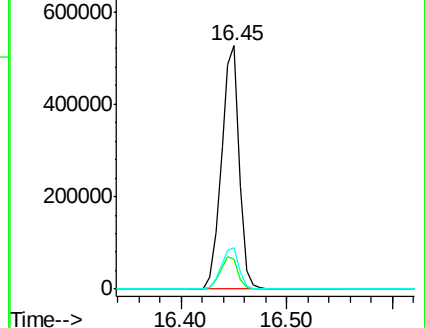
203 16.8 0.0 38.1

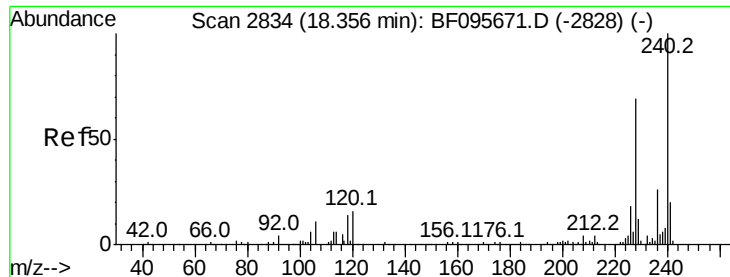


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.35 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

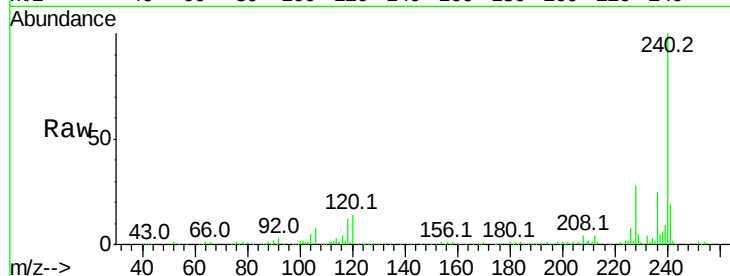
Tot Ion:240 Resp: 205994

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

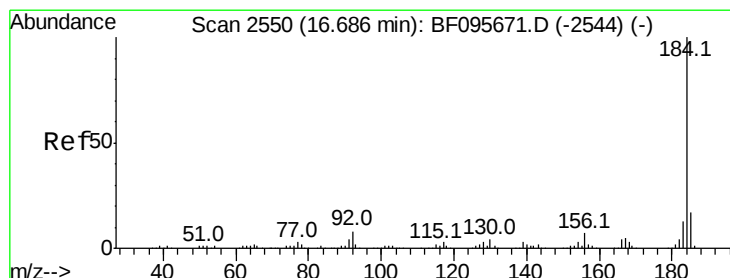
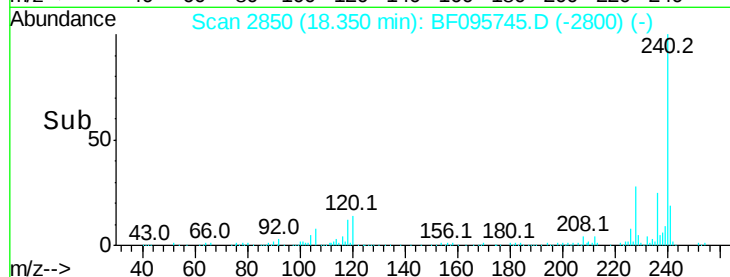
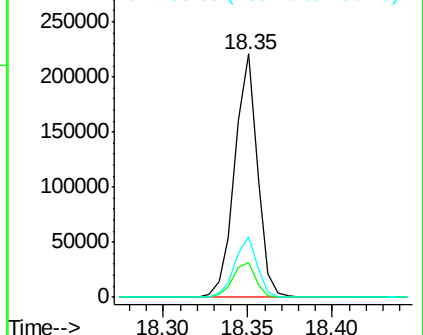
236 24.8 20.5 30.7



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: 30.97 ng

RT: 16.67 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

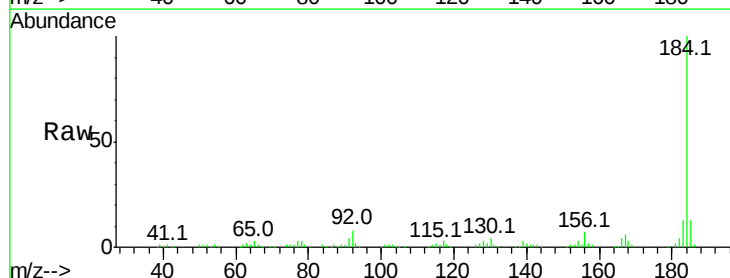
Tgt Ion:184 Resp: 245023

Ion Ratio Lower Upper

184 100

185 13.4 15.5 23.3#

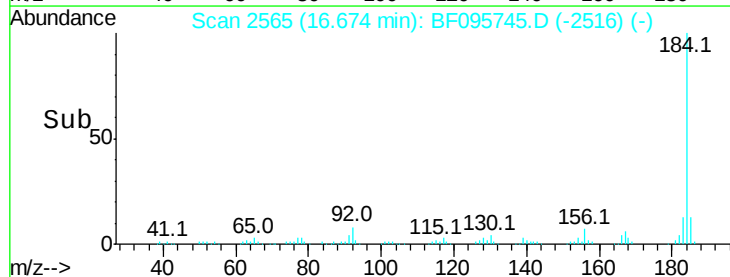
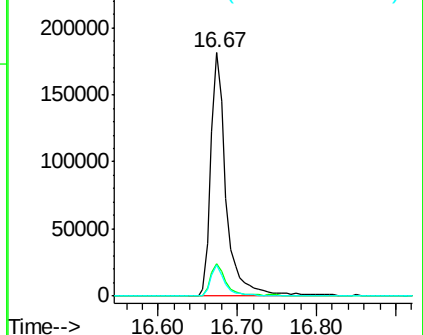
183 12.6 9.8 14.6

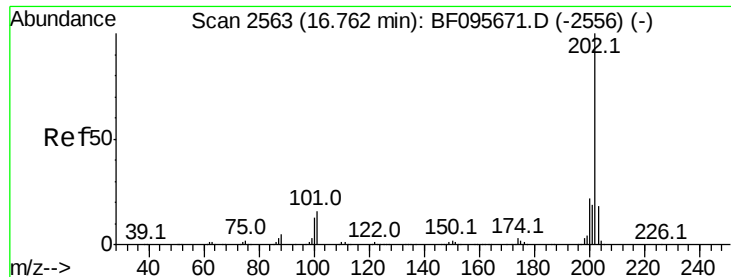


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

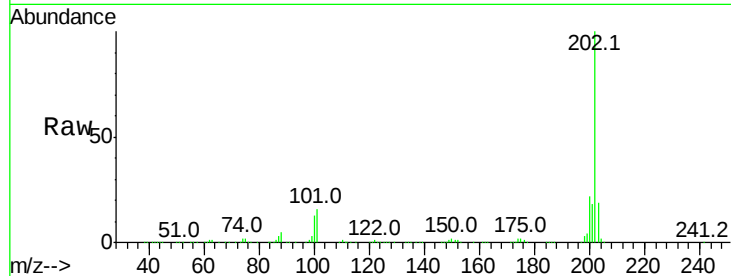




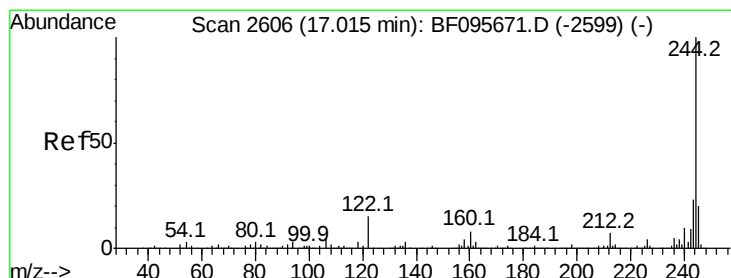
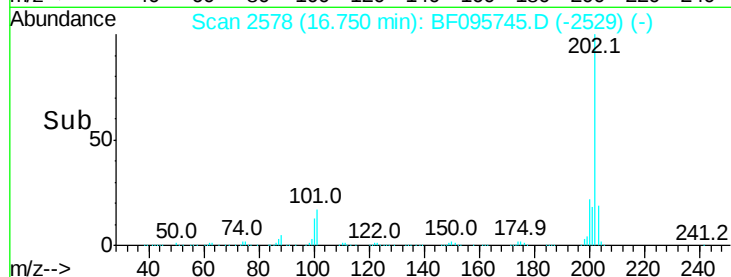
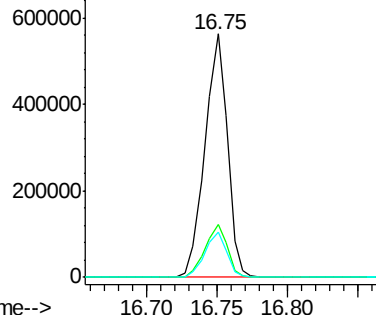
#77
Pvrene
Concen: 40.70 ng
RT: 16.75 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 625589
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.8 14.4 21.6

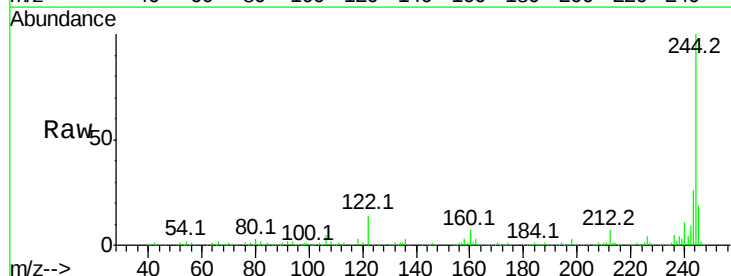


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

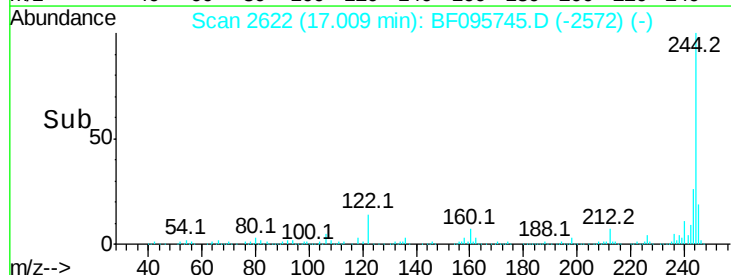
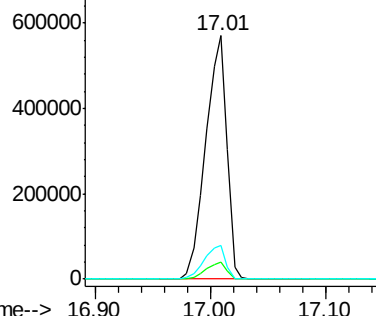


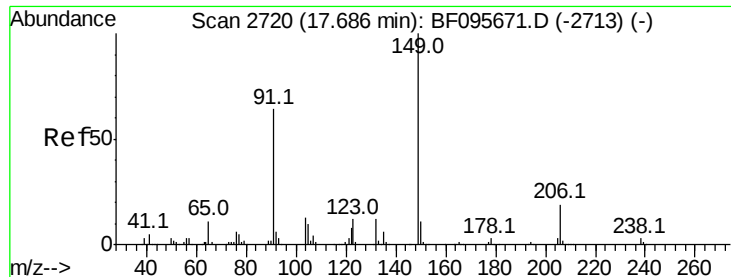
#78
Terphenyl-d14
Concen: 86.97 ng
RT: 17.01 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion:244 Resp: 721875
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

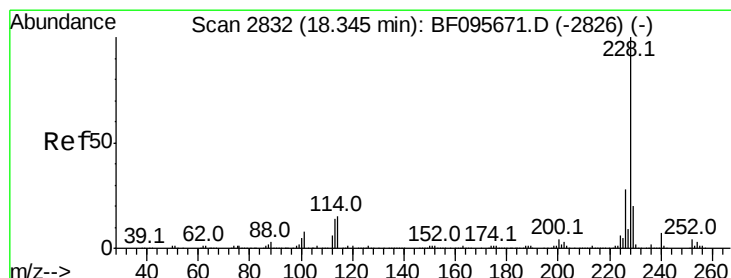
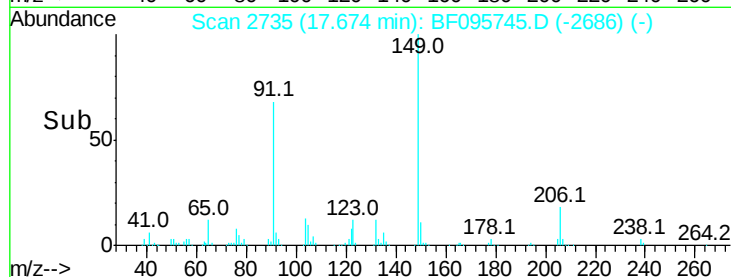
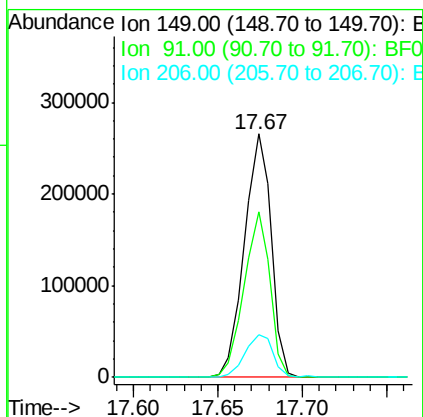
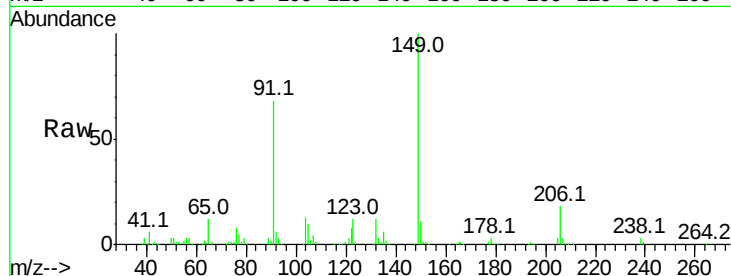




#79
Butylbenzylphthalate
Concen: 43.95 ng
RT: 17.67 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

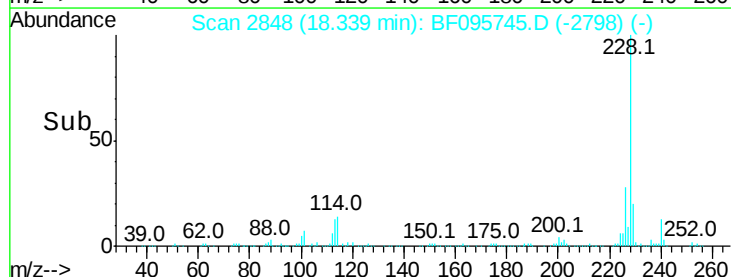
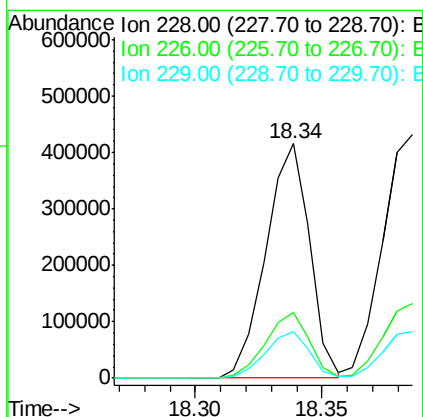
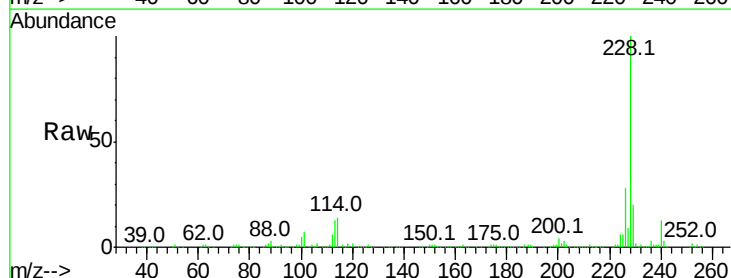
Instrument :
BNA_F
ClientSampleId :

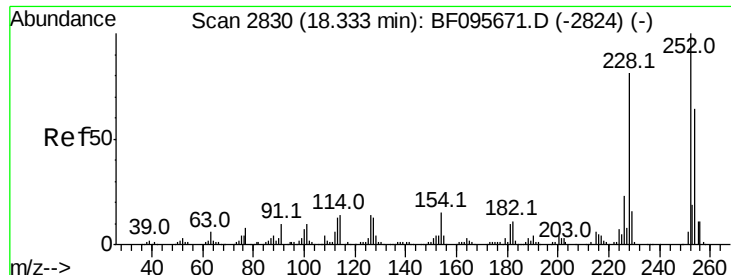
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	45.0	67.4#
206	17.7	17.0	25.6



#80
Benzo(a)anthracene
Concen: 41.72 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	16.3	24.5

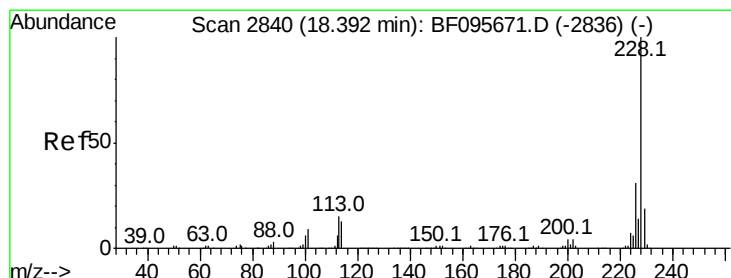
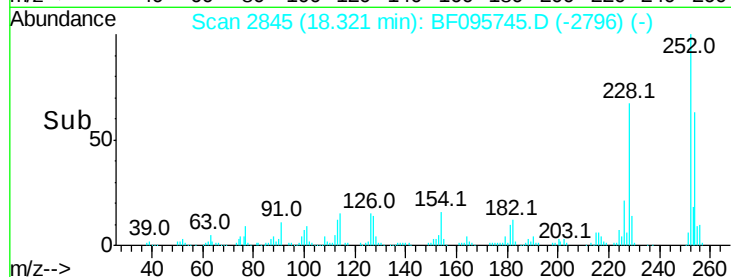
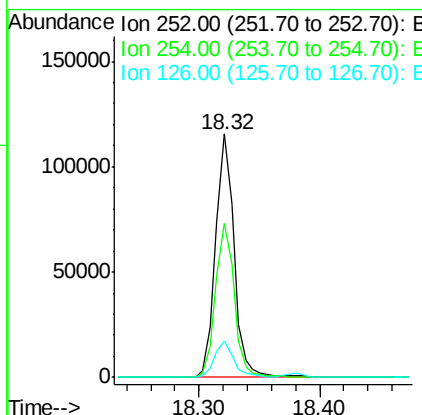
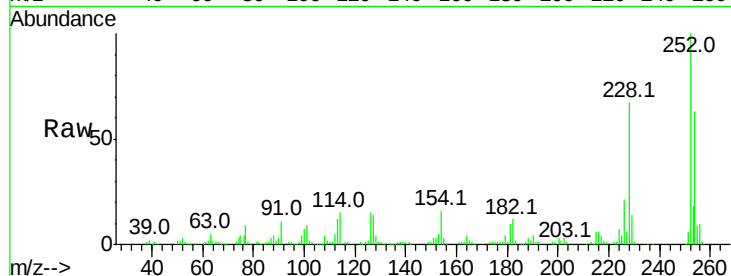




#81
 3,3'-Dichlorobenzidine
 Concen: 28.50 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

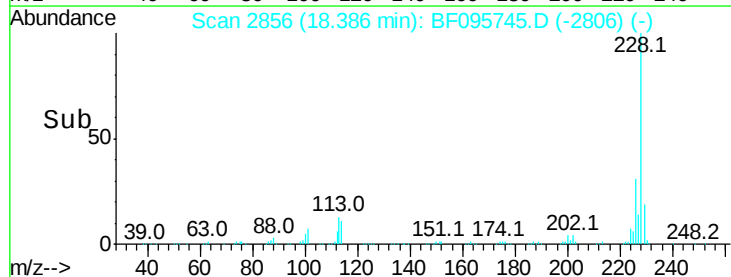
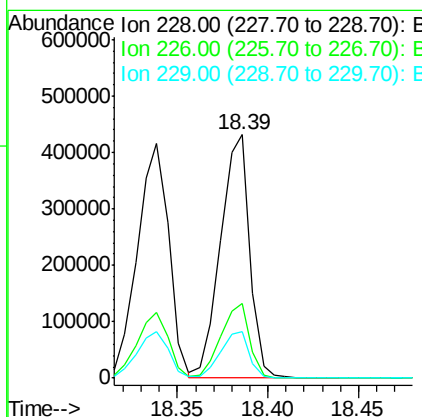
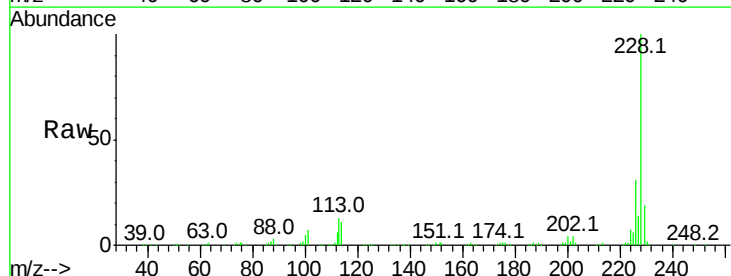
Instrument :
 BNA_F
 ClientSampleId :

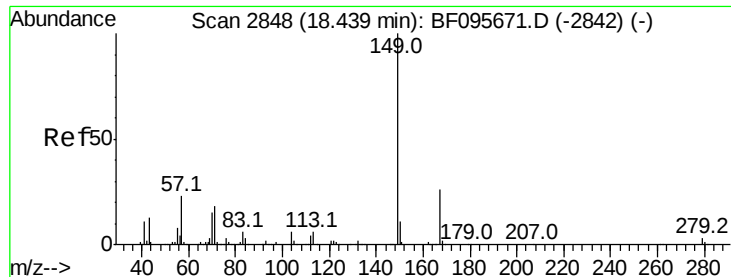
Tot Ion:252 Resp: 121341
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.5 77.3
 126 14.8 15.8 23.8#



#82
 Chrysene
 Concen: 40.27 ng
 RT: 18.39 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion:228 Resp: 481941
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.2 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.30 ng

RT: 18.43 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

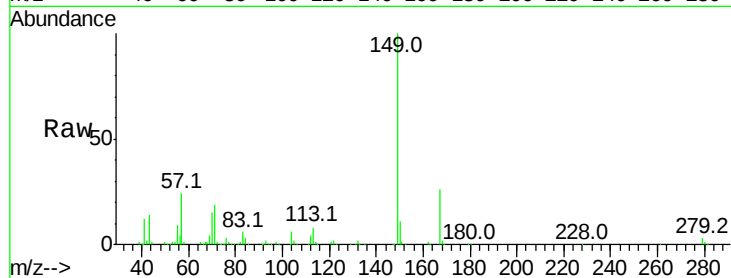
Tot Ion:149 Resp: 419464

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

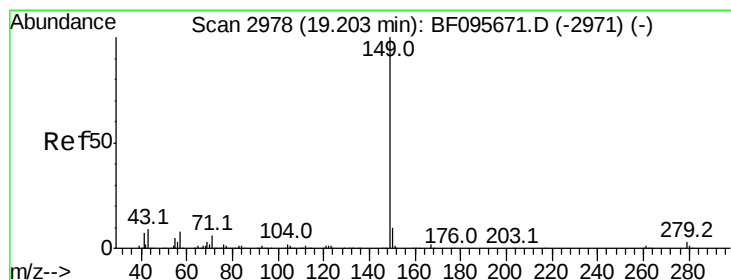
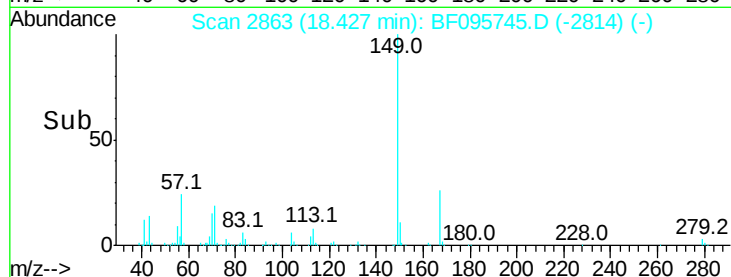
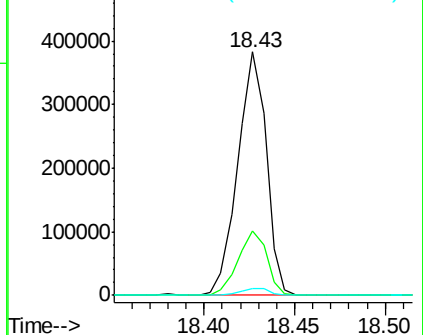
279 3.0 1.9 2.9#



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: 44.41 ng

RT: 19.20 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

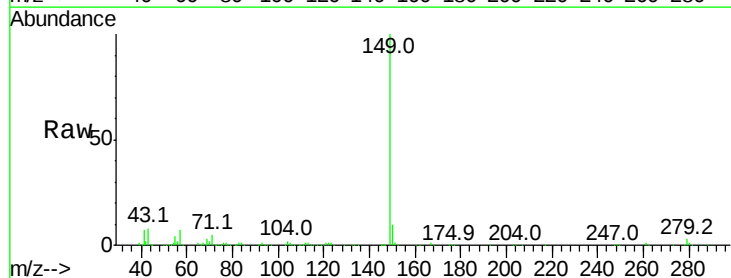
Tgt Ion:149 Resp: 692898

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

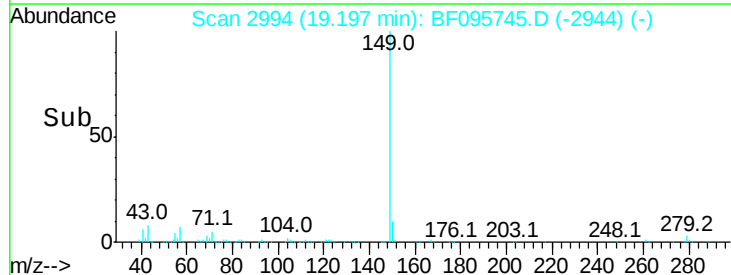
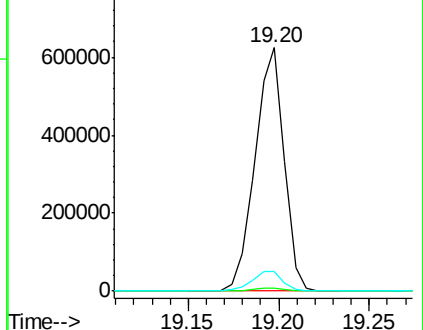
43 8.4 8.5 12.7#

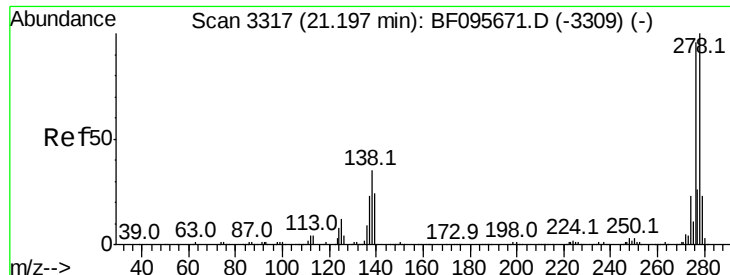


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

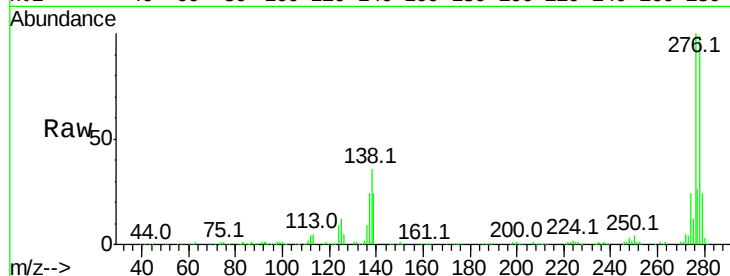




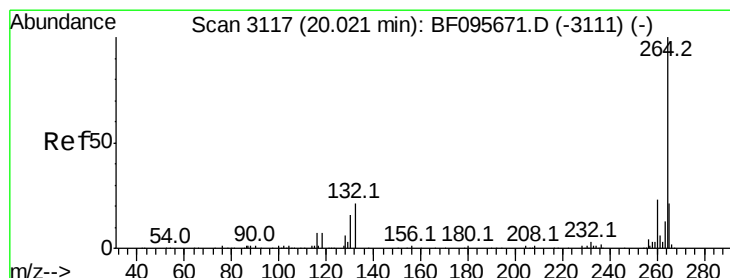
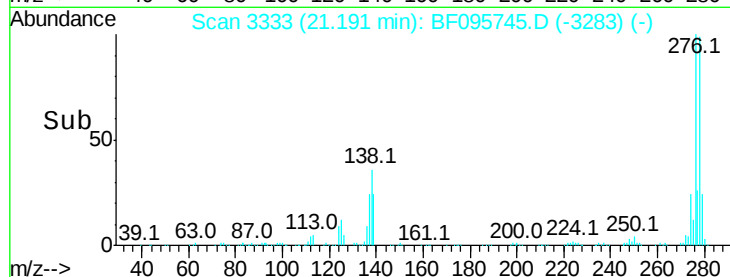
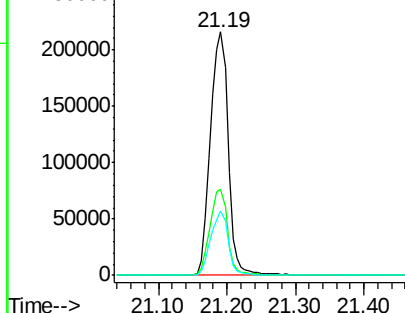
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.15 ng
RT: 21.19 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 390653
Ion Ratio Lower Upper
276 100
138 34.9 27.8 41.6
277 25.6 20.2 30.4

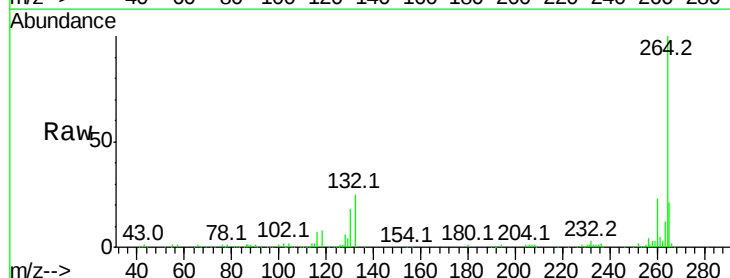


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

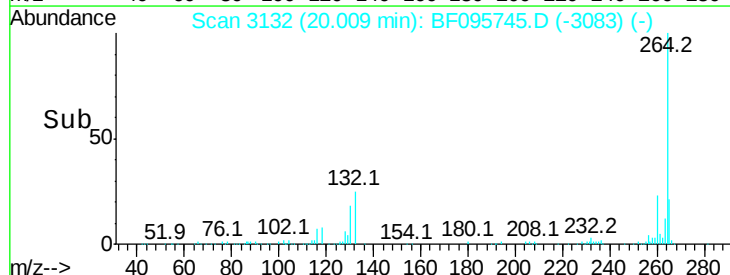
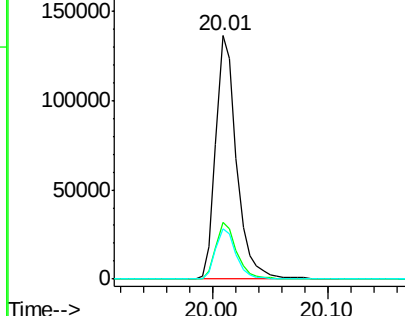


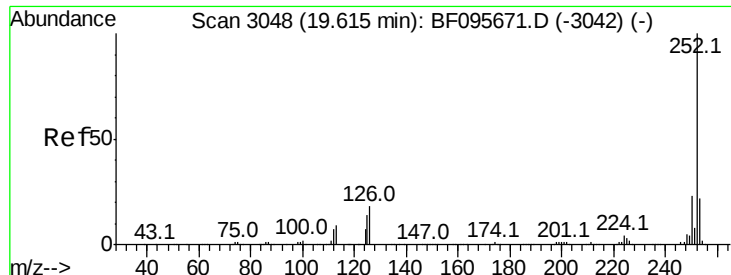
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion:264 Resp: 171395
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 20.5 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 45.33 ng

RT: 19.61 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

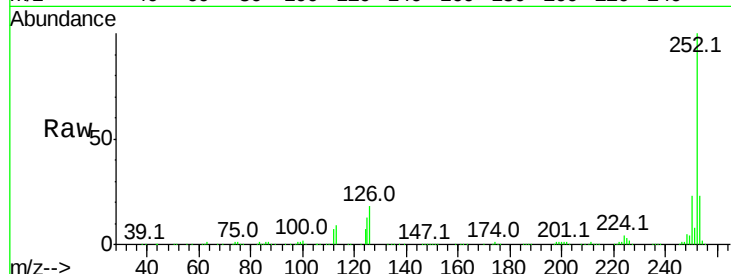
Tot Ion:252 Resp: 486439

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

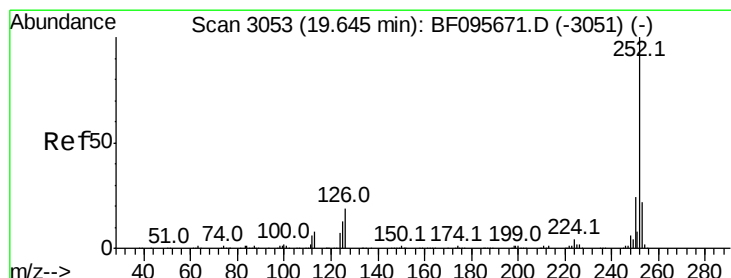
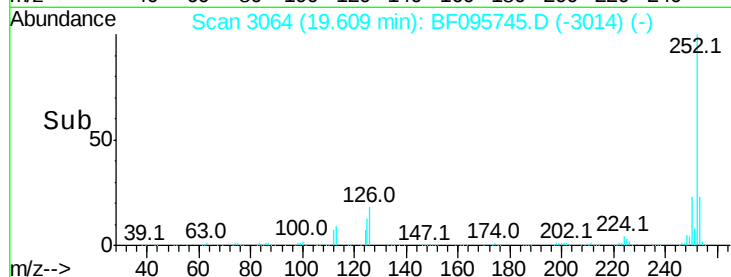
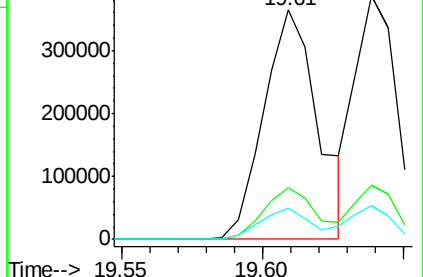
125 13.3 9.8 14.8



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: 39.57 ng

RT: 19.64 min Scan# 3069

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

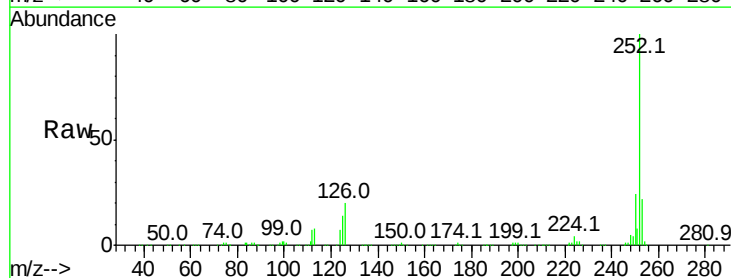
Tgt Ion:252 Resp: 405913

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

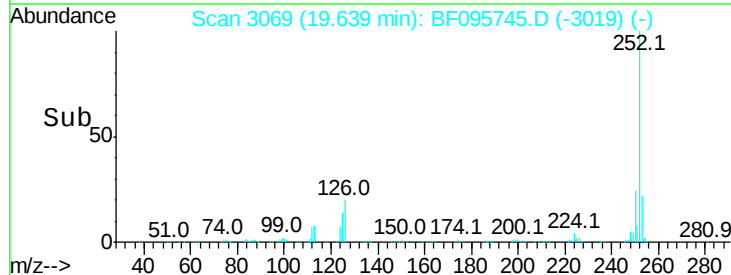
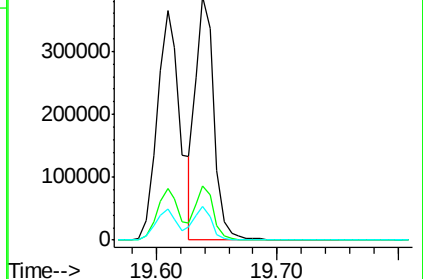
125 13.6 13.1 19.7

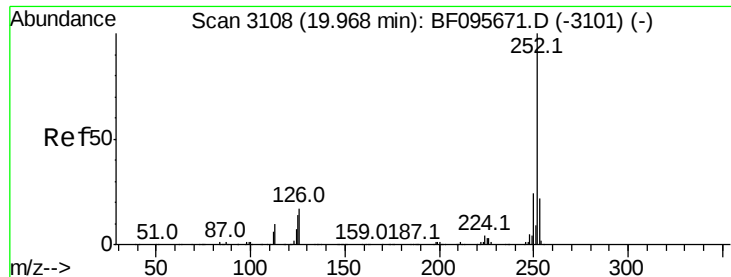


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

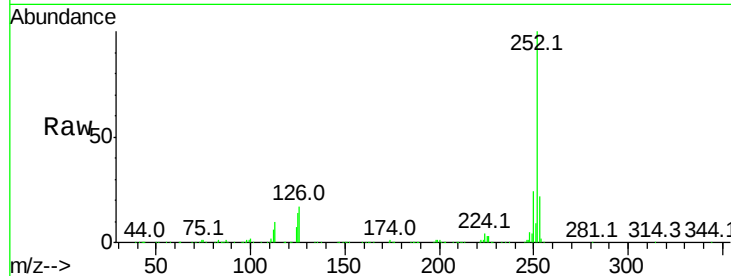




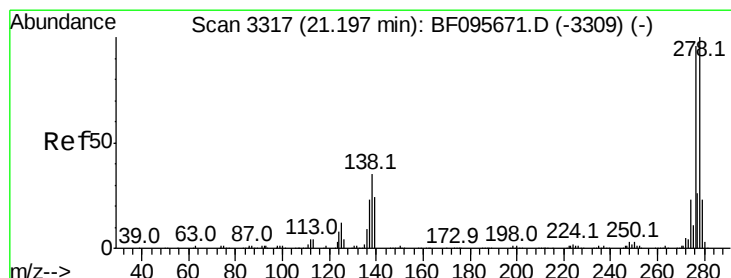
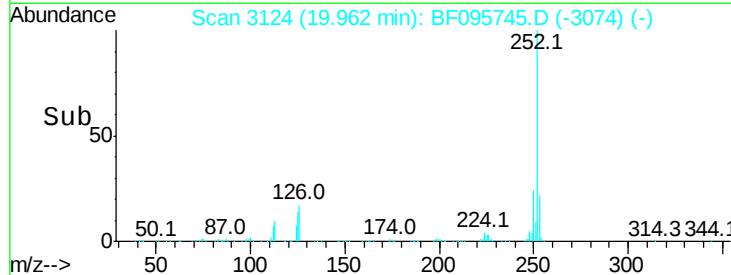
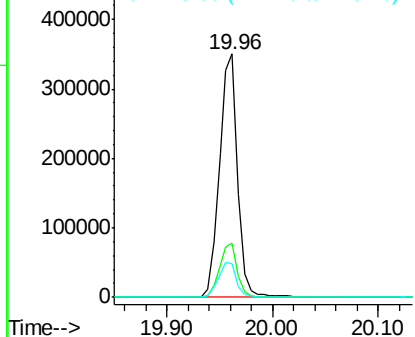
#89
Benzo(a)pyrene
Concen: 42.63 ng
RT: 19.96 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 420486
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.9 11.0 16.4



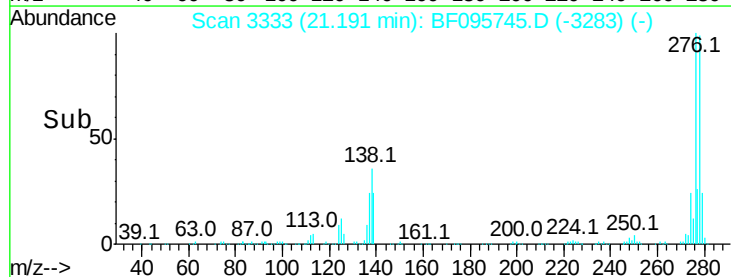
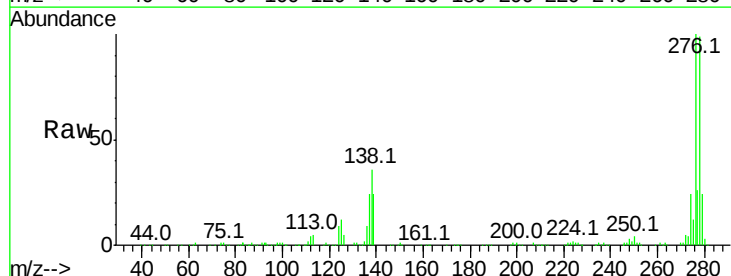
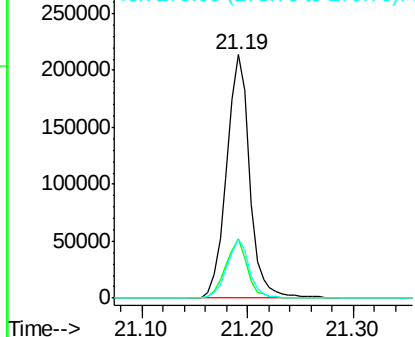
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

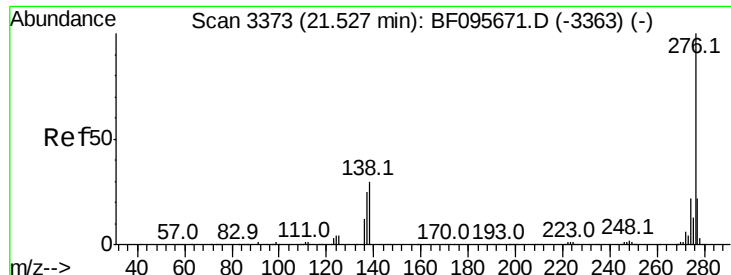


#90
Dibenzo(a,h)anthracene
Concen: 38.73 ng
RT: 21.19 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion:278 Resp: 324090
Ion Ratio Lower Upper
278 100
139 24.1 16.6 24.8
279 24.4 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: 38.10 ng

RT: 21.52 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

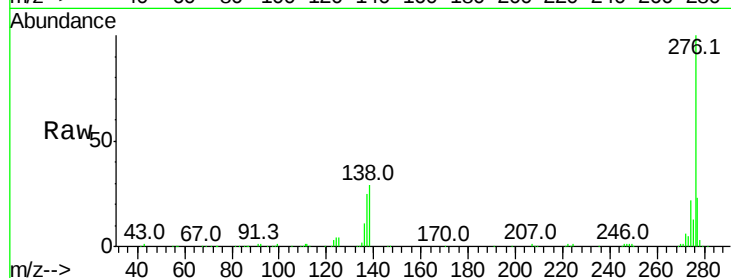
Tot Ion:276 Resp: 324995

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 28.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

