

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
 Data File : BF095681.D
 Acq On : 5 Jun 2017 19:28
 Operator : SJ/MA
 Sample : I3441-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 01:15:05 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	7.40	152	86519	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	361648	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	167933	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	332342	20.00	ng	0.00
75) Chrysene-d12	18.35	240	279089	20.00	ng	0.00
86) Perylene-d12	20.02	264	89612	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	704277	129.71	ng	0.03
7) Phenol-d6	6.95	99	810341	124.66	ng	0.00
23) Nitrobenzene-d5	8.31	82	529526	90.93	ng	0.00
41) 2,4,6-Tribromophenol	13.55	330	216075	145.43	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	1077119	89.26	ng	0.00
78) Terphenyl-d14	17.02	244	992408	88.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.60	88	21837	8.45	ng	# 27
4) n-Nitrosodimethylamine	2.28	42	113	0.05	ng	# 1
6) Aniline	7.06	93	799	0.09	ng	# 1
9) Benzaldehyde	6.95	77	535	0.12	ng	# 1
10) Phenol	6.97	94	155	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	7.06	93	799	0.15	ng	# 1
13) 1,4-Dichlorobenzene	7.65	146	109	0.02	ng	# 1
14) 1,2-Dichlorobenzene	7.65	146	109	0.02	ng	# 1
15) Benzyl Alcohol	7.63	79	8082	1.81	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.94	45	639	0.09	ng	# 70
18) Hexachloroethane	8.30	117	149	0.07	ng	# 1
19) n-Nitroso-di-n-propylamine	8.31	70	66517	16.15	ng	# 73
24) Nitrobenzene	8.31	77	1106	0.18	ng	# 39
25) Isophorone	8.64	82	108	0.01	ng	# 67
31) Naphthalene	9.46	128	44655	2.46	ng	# 96
33) 4-Chloroaniline	9.47	127	5504	0.78	ng	# 36
37) 2-Methylnaphthalene	10.75	142	5615	0.46	ng	# 87
45) 1,1'-Biphenyl	11.38	154	2583	0.19	ng	# 90
50) 2,6-Dinitrotoluene	12.25	165	21422	7.70	ng	# 33
51) Acenaphthene	12.30	154	2116	0.20	ng	# 92
54) Dibenzofuran	12.61	168	2200	0.15	ng	# 85
55) 4-Nitrophenol	12.62	139	641	4.95	ng	# 25
57) Fluorene	13.15	166	2941	0.22	ng	# 83
59) Diethylphthalate	13.05	149	17455	1.42	ng	# 95
62) Azobenzene	13.54	77	1077	0.10	ng	# 1
64) 4,6-Dinitro-2-methylphenol	13.54	198	244	0.11	ng	# 1
65) n-Nitrosodiphenylamine	13.54	169	7096	0.59	ng	# 45
70) Phenanthrene	14.68	178	6317	0.33	ng	# 91
71) Anthracene	14.82	178	229	0.01	ng	# 59
72) Carbazole	15.14	167	422	0.02	ng	# 58
73) Di-n-butylphthalate	15.65	149	17800	0.86	ng	# 97
74) Fluoranthene	16.49	202	715	0.04	ng	# 62
77) Pvrene	16.78	202	284	0.01	ng	# 56
79) Butylbenzylphthalate	17.68	149	247	0.03	ng	# 23

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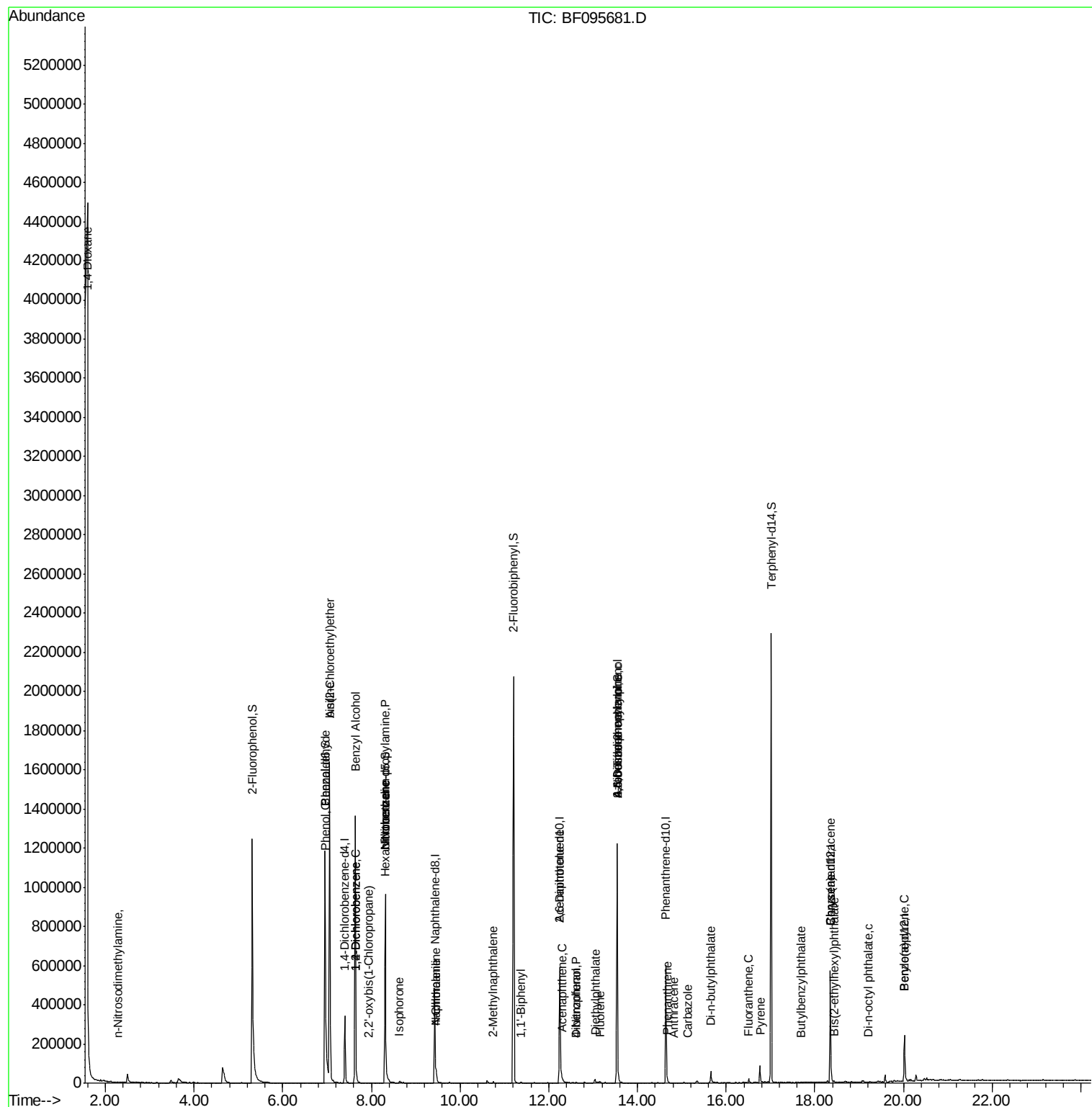
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	18.35	228	638	0.04	nq	# 33
82) Chrysene	18.35	228	638	0.04	nq	# 31
83) Bis(2-ethylhexyl)phthalate	18.43	149	3325	0.26	nq	# 94
84) Di-n-octyl phthalate	19.20	149	147	0.01	nq	# 1
89) Benzo(a)pyrene	20.02	252	123	0.02	nq	# 1

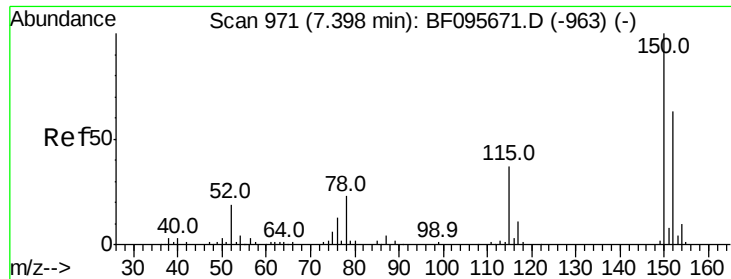
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.40 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

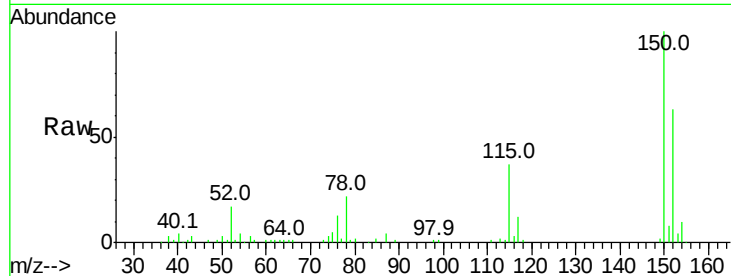
Tot Ion:152 Resp: 86519

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

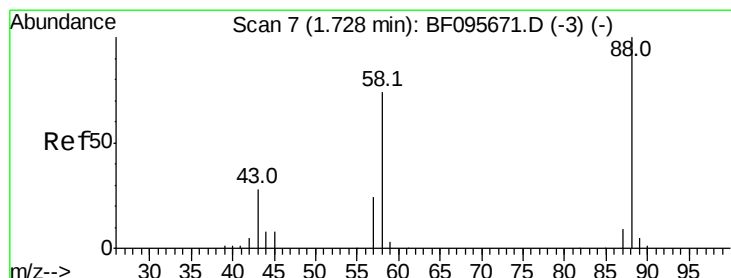
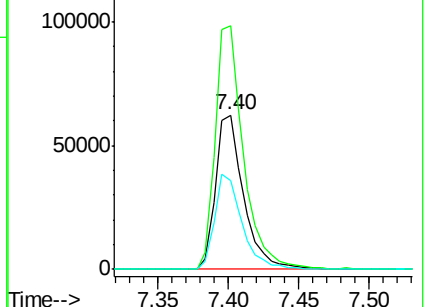
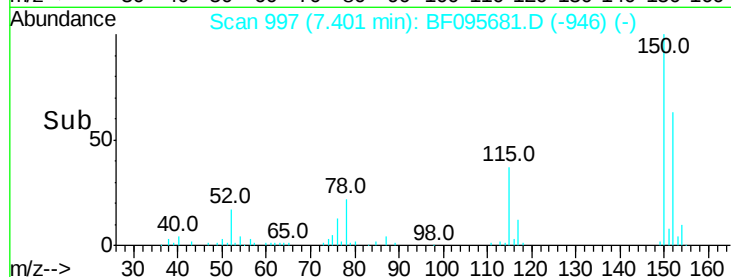
115 57.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.45 ng

RT: 1.60 min Scan# 11

Delta R.T. -0.13 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

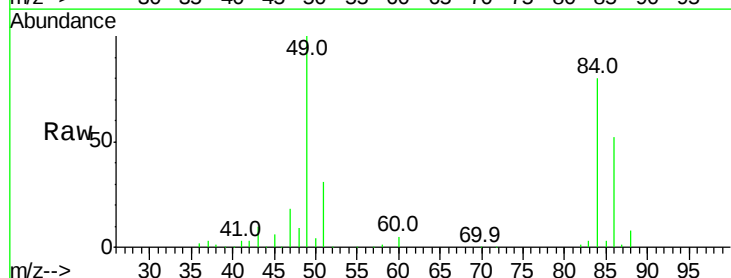
Tgt Ion: 88 Resp: 21837

Ion Ratio Lower Upper

88 100

58 8.0 61.4 92.0#

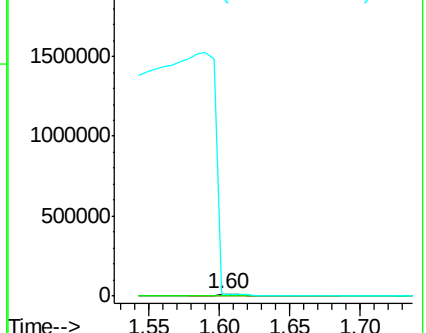
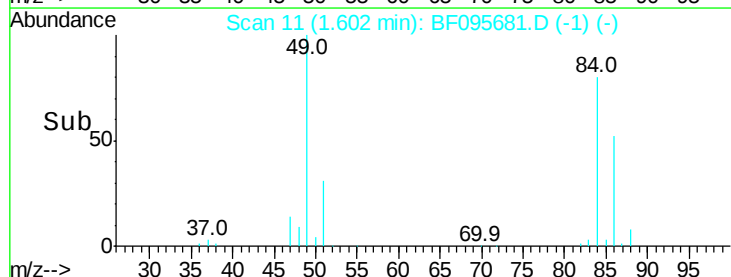
43 0.0 23.4 35.0#

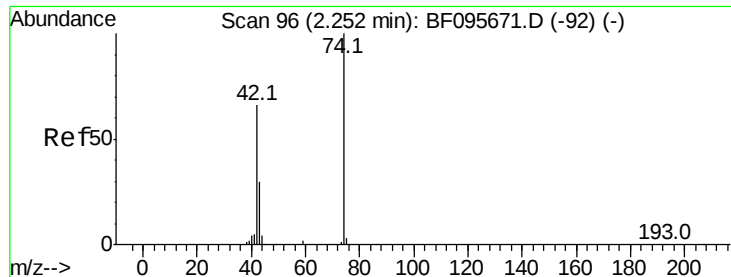


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 2.28 min Scan# 126

Delta R.T. 0.03 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

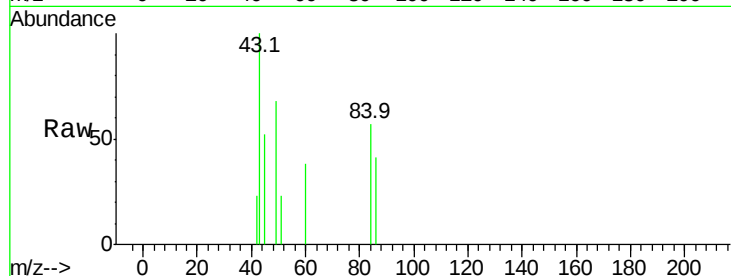
Tot Ion: 42 Resp: 113

Ion Ratio Lower Upper

42 100

74 0.0 103.9 155.9#

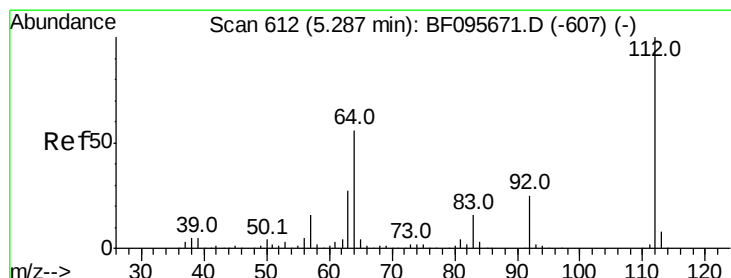
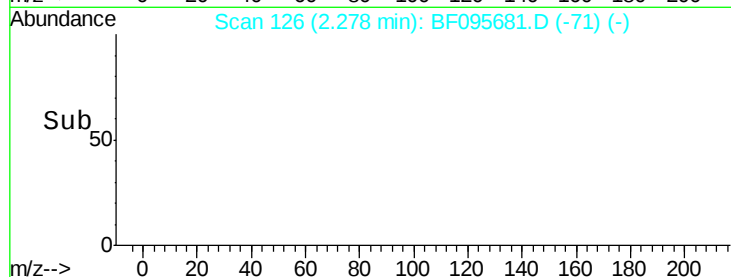
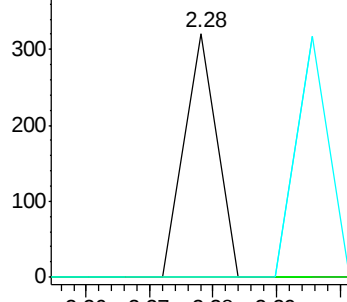
44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 129.71 ng

RT: 5.31 min Scan# 642

Delta R.T. 0.03 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

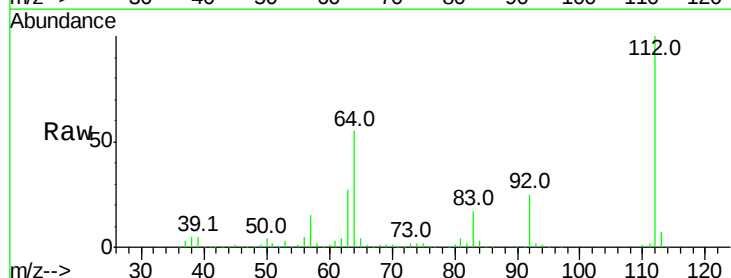
Tgt Ion: 112 Resp: 704277

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

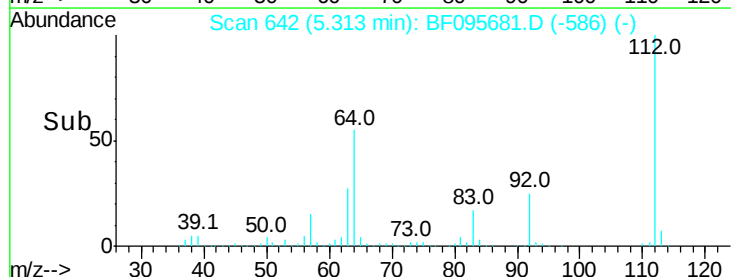
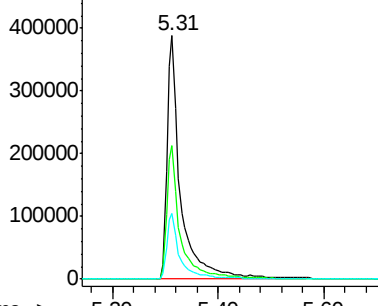
63 27.0 23.4 35.0

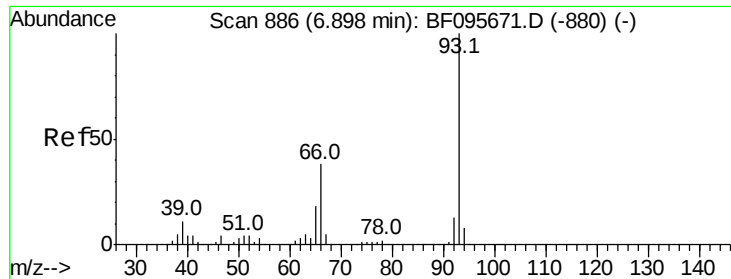


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.09 ng

RT: 7.06 min Scan# 939

Delta R.T. 0.16 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

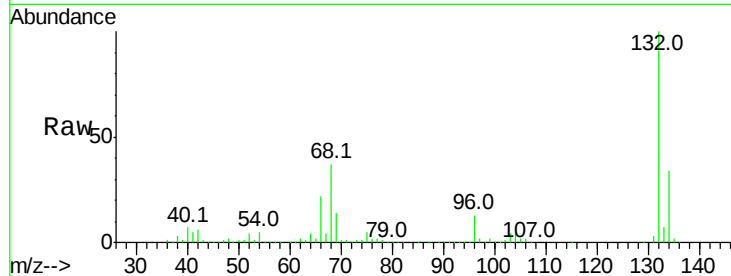
Tot Ion: 93 Resp: 799

Ion Ratio Lower Upper

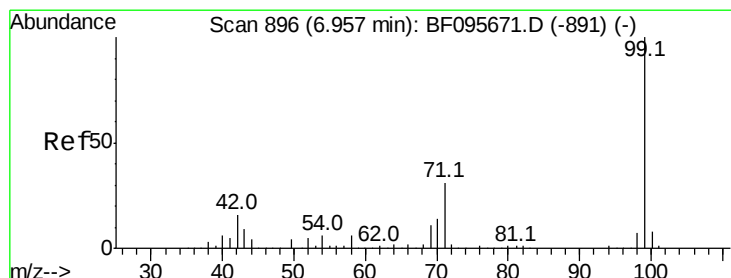
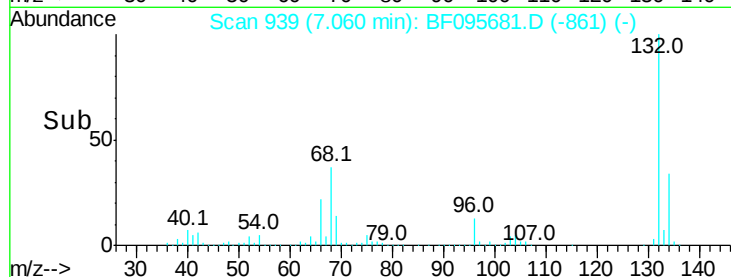
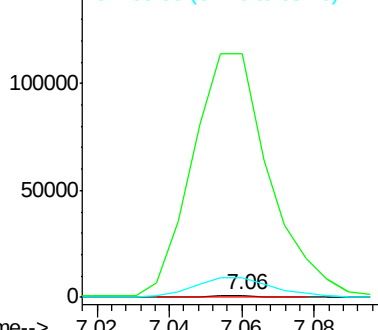
93 100

66 13432.1 32.9 49.3#

65 1094.2 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 124.66 ng

RT: 6.95 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

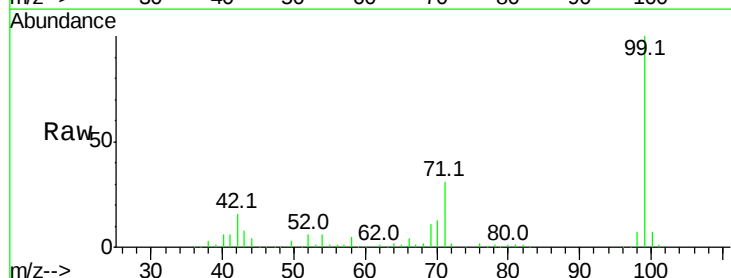
Tgt Ion: 99 Resp: 810341

Ion Ratio Lower Upper

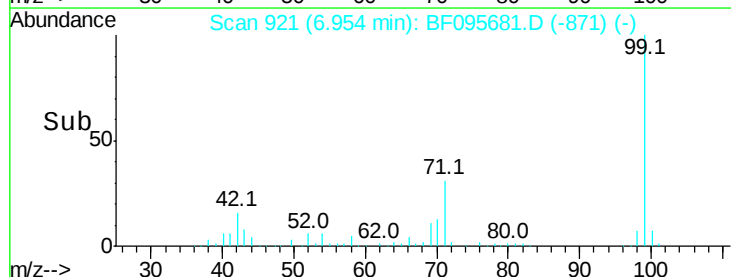
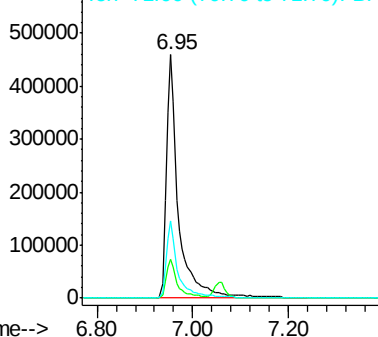
99 100

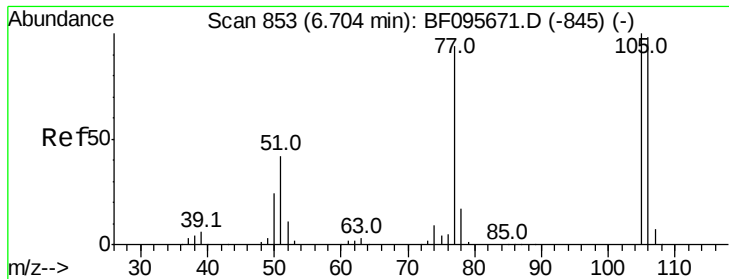
42 16.1 13.5 20.3

71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.12 ng

RT: 6.95 min Scan# 920

Delta R.T. 0.24 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

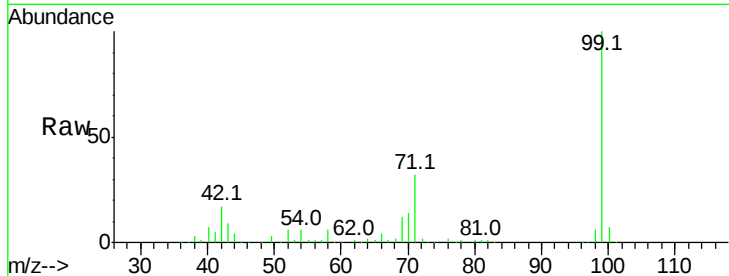
Tot Ion: 77 Resp: 535

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

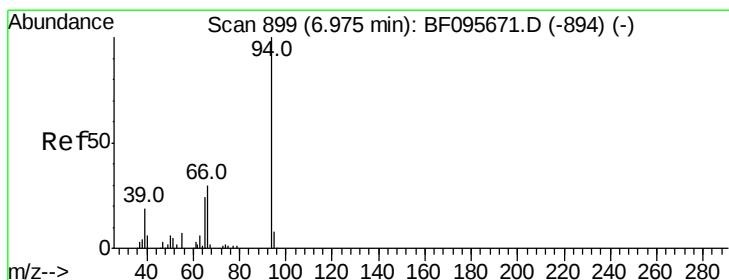
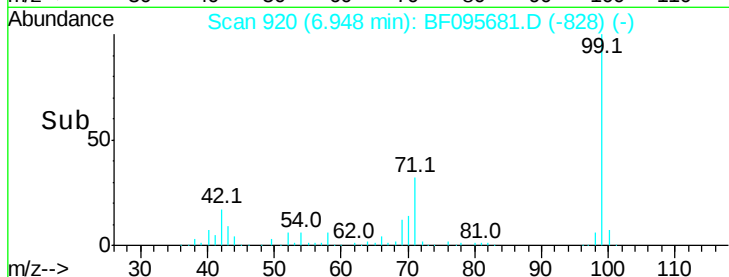
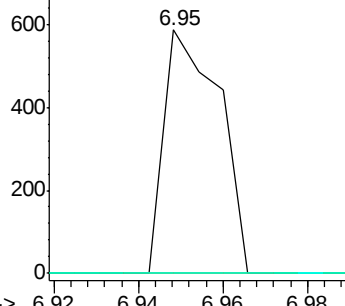
106 0.0 79.1 119.1#



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: 0.02 ng

RT: 6.97 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

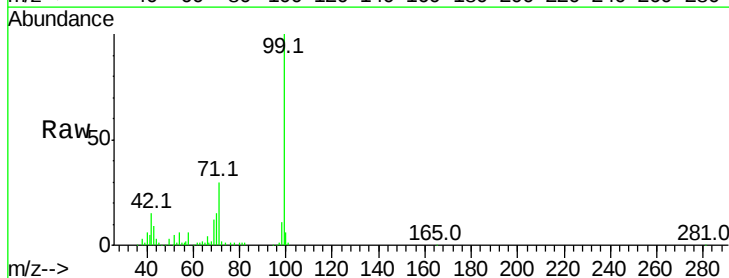
Tgt Ion: 94 Resp: 155

Ion Ratio Lower Upper

94 100

65 348.6 9.9 49.9#

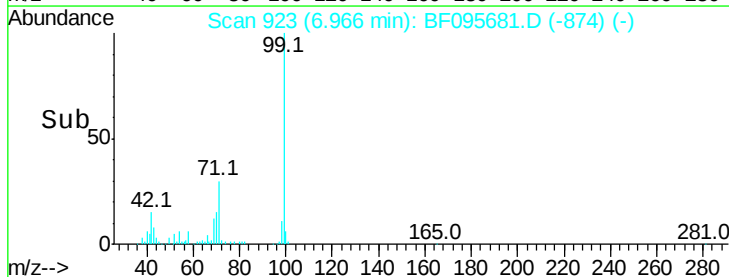
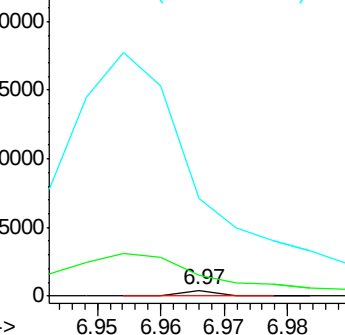
66 1610.0 23.1 63.1#

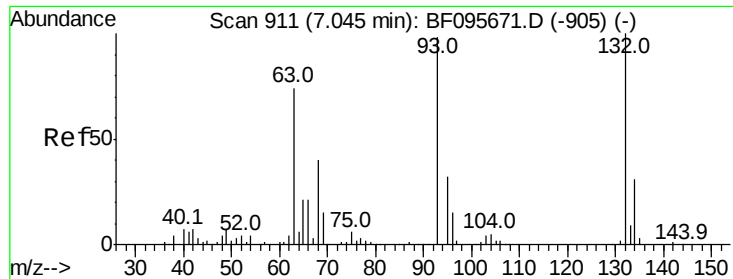


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 7.06 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

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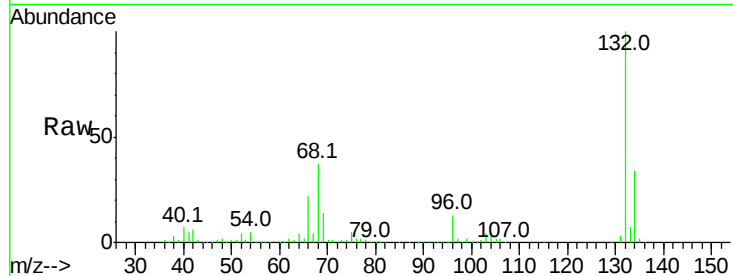
Tot Ion: 93 Resp: 799

Ion Ratio Lower Upper

93 100

63 430.0 59.2 99.2#

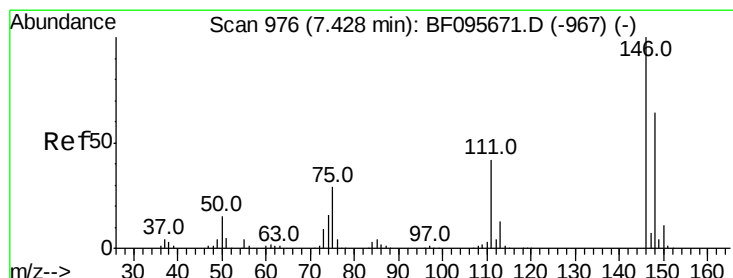
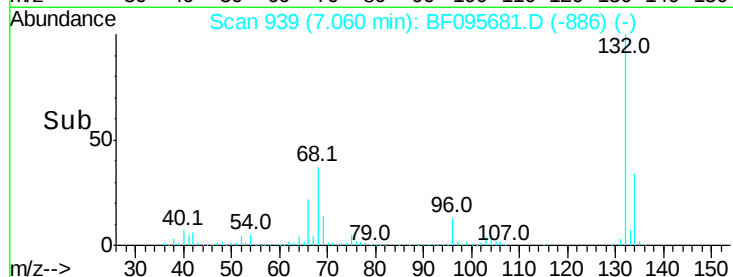
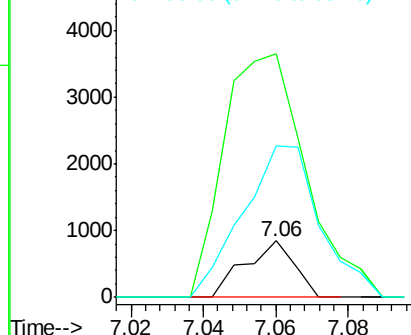
95 268.4 12.8 52.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.02 ng

RT: 7.65 min Scan# 1040

Delta R.T. 0.23 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

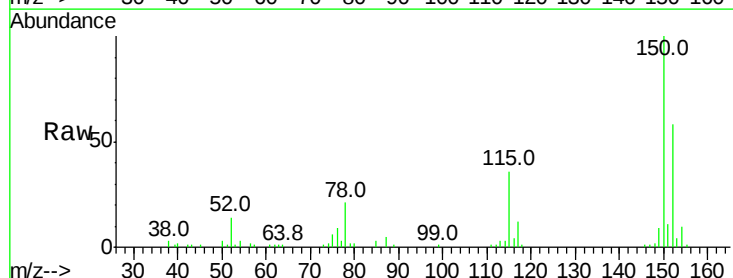
Tgt Ion: 146 Resp: 109

Ion Ratio Lower Upper

146 100

148 201.6 52.2 78.2#

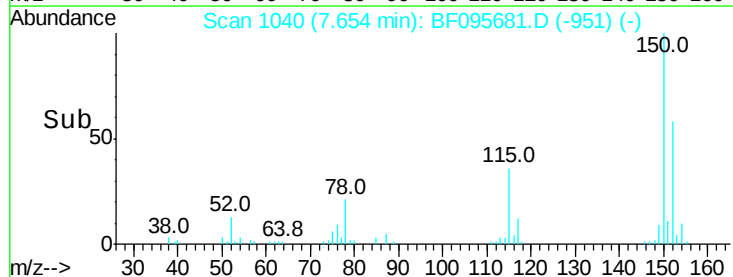
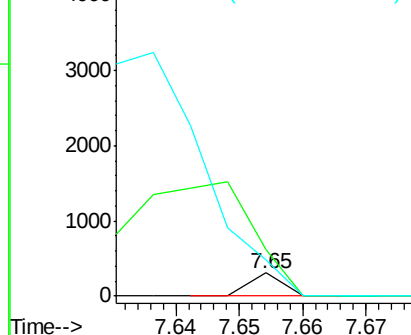
111 155.8 30.3 45.5#

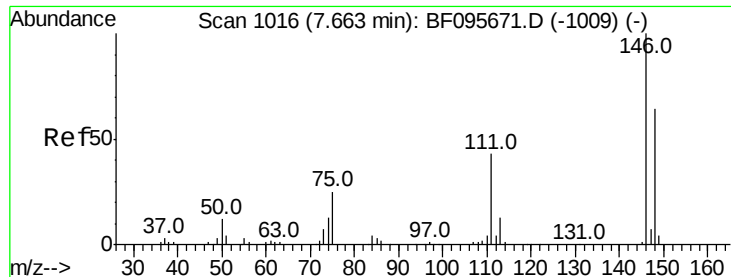


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.02 ng

RT: 7.65 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

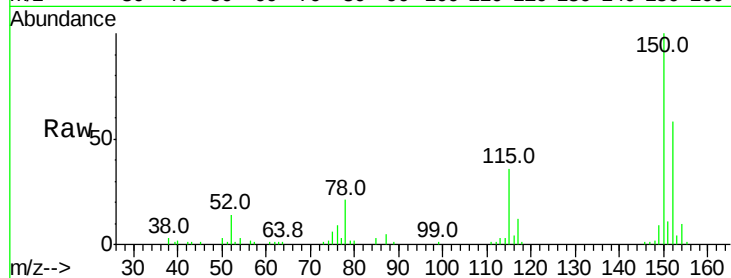
Tot Ion:146 Resp: 109

Ion Ratio Lower Upper

146 100

148 201.6 50.4 75.6#

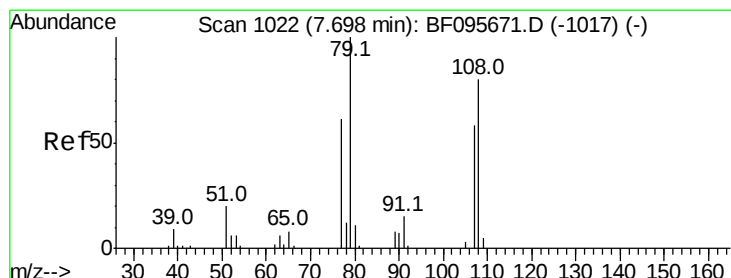
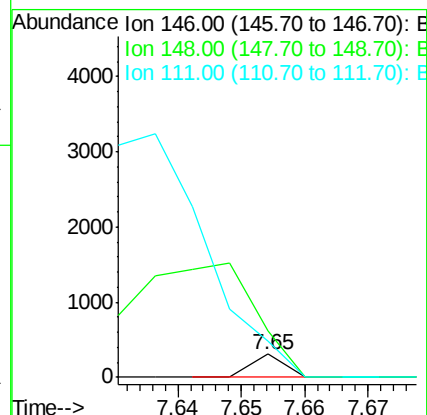
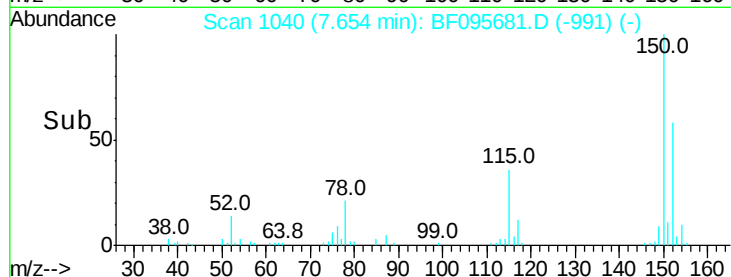
111 155.8 38.2 57.4#



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: 1.81 ng

RT: 7.63 min Scan# 1036

Delta R.T. -0.07 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

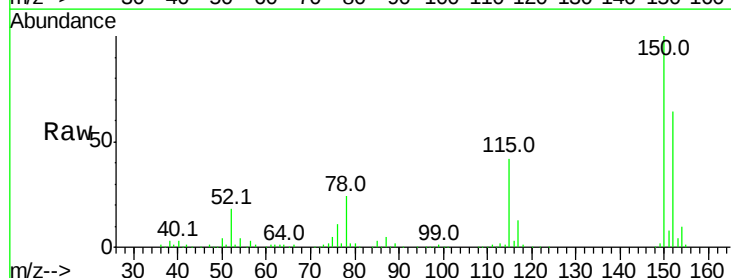
Tgt Ion: 79 Resp: 8082

Ion Ratio Lower Upper

79 100

108 20.1 63.4 95.0#

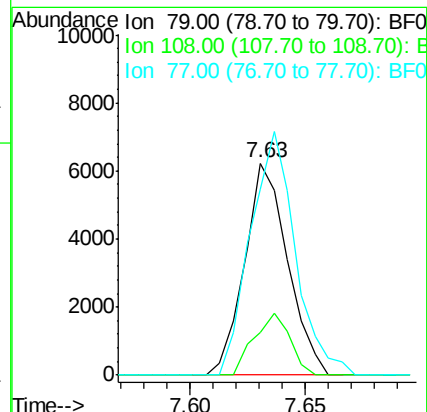
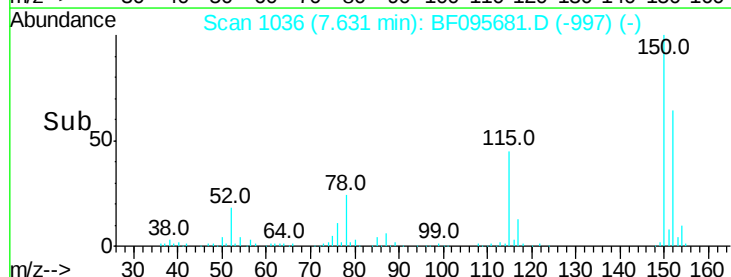
77 87.8 49.2 73.8#

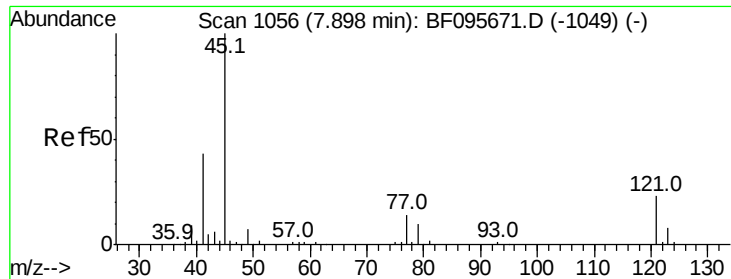


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

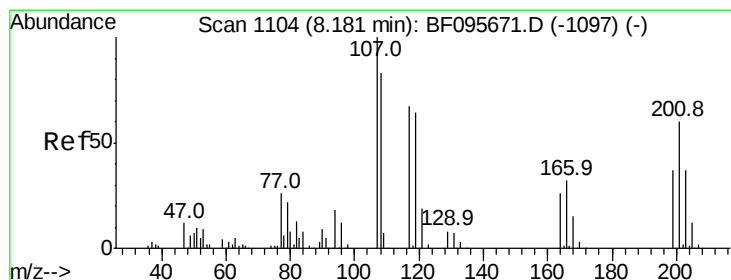
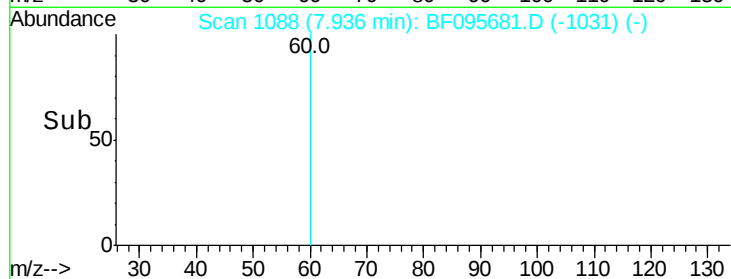
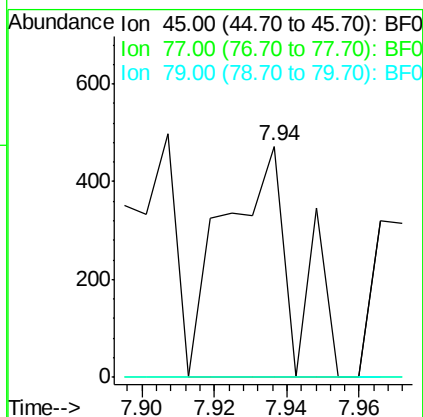
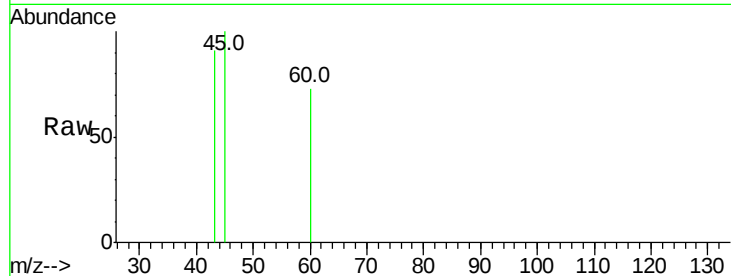




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.09 ng
RT: 7.94 min Scan# 1088
Delta R.T. 0.04 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

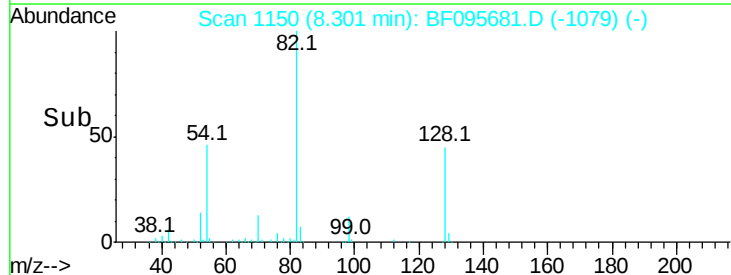
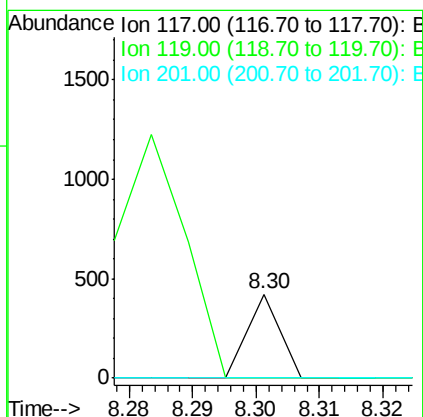
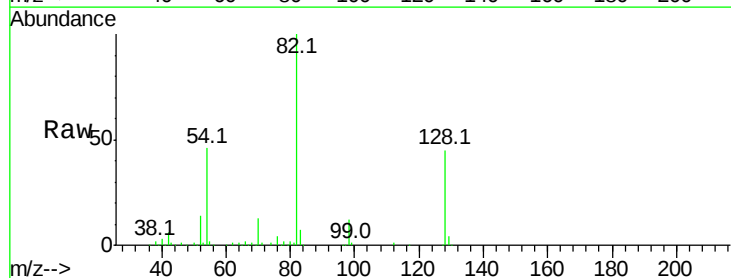
Instrument :
BNA_F
ClientSampleId :

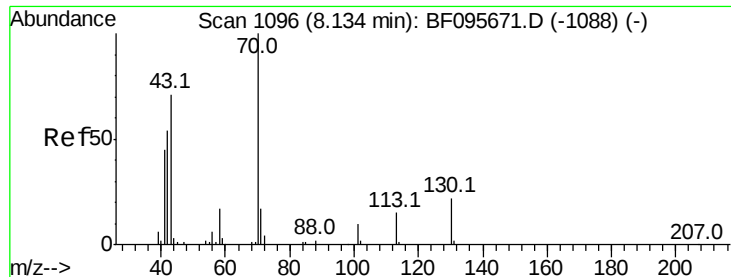
Tot Ion: 45 Resp: 639
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.2
79 0.0 0.0 30.0



#18
Hexachloroethane
Concen: 0.07 ng
RT: 8.30 min Scan# 1150
Delta R.T. 0.12 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Tgt Ion: 117 Resp: 149
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 94.6 141.8#

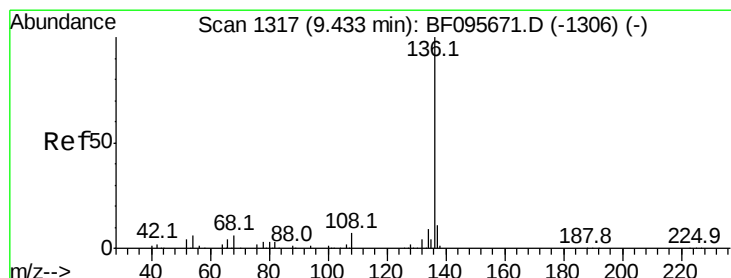
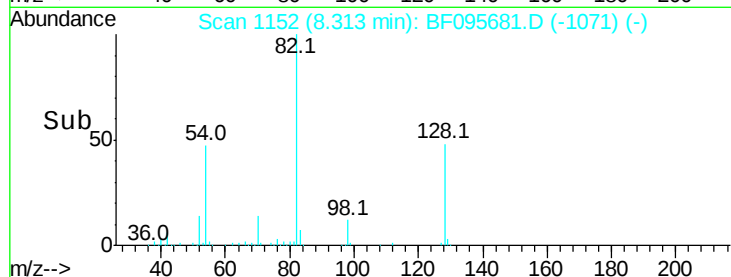
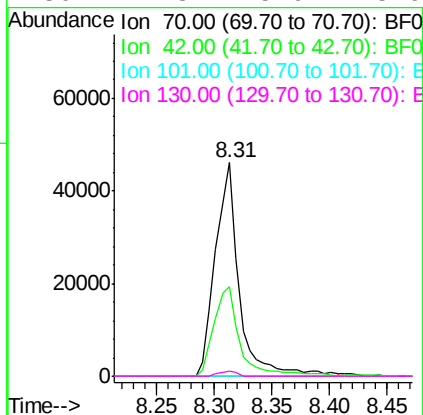
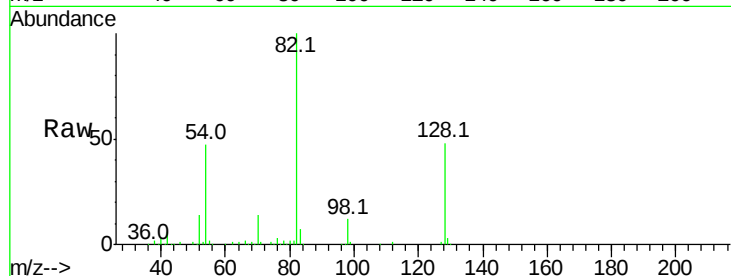




#19
n-Nitroso-di-n-propylamine
Concen: 16.15 ng
RT: 8.31 min Scan# 1152
Delta R.T. 0.18 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

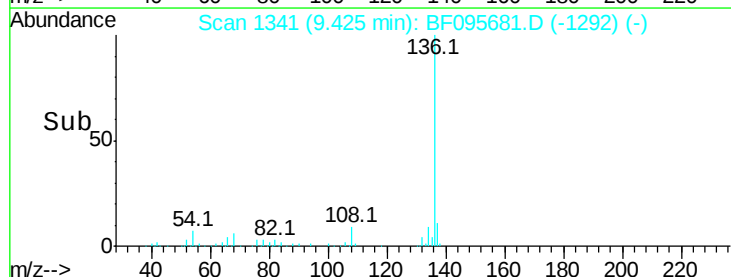
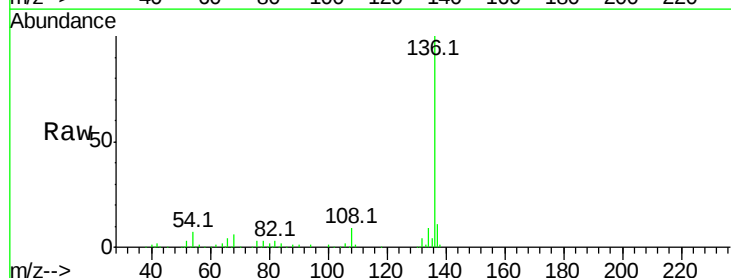
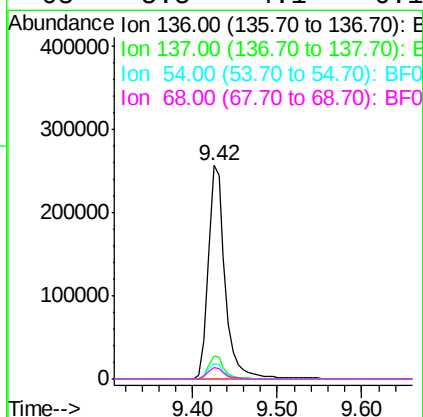
Instrument :
BNA_F
ClientSampleId :

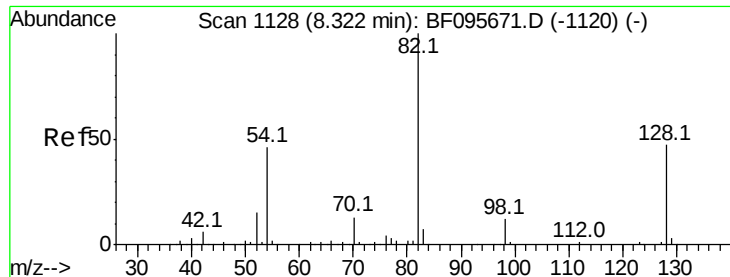
Tot Ion: 70 Resp: 66517
Ion Ratio Lower Upper
70 100
42 41.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Tgt Ion:136 Resp: 361648
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 4.9 7.3
68 5.5 4.1 6.1

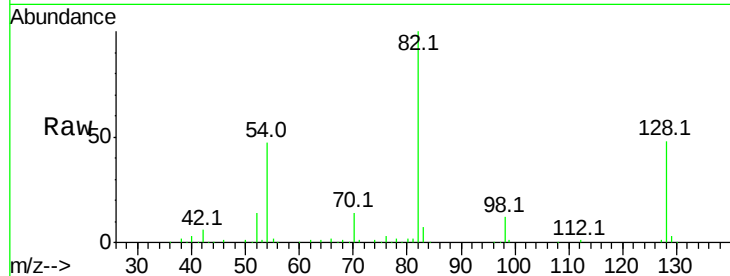




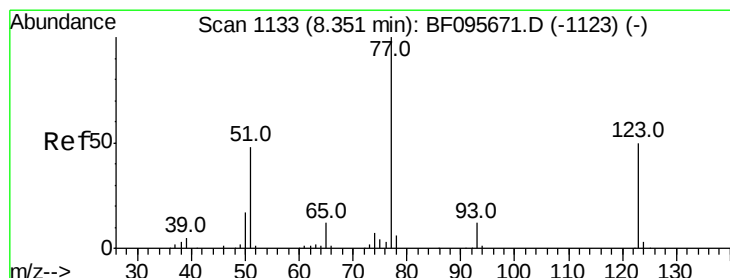
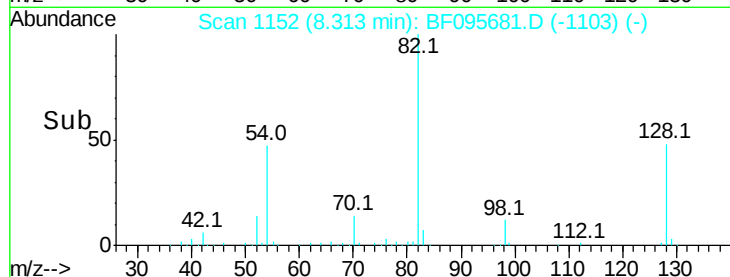
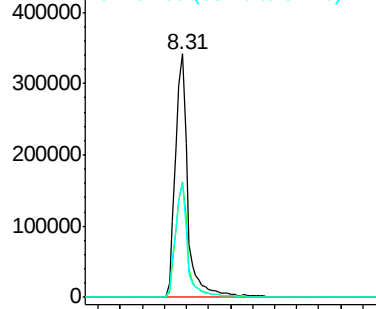
#23
Nitrobenzene-d5
Concen: 90.93 ng
RT: 8.31 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 529526
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 47.1 42.2 63.2

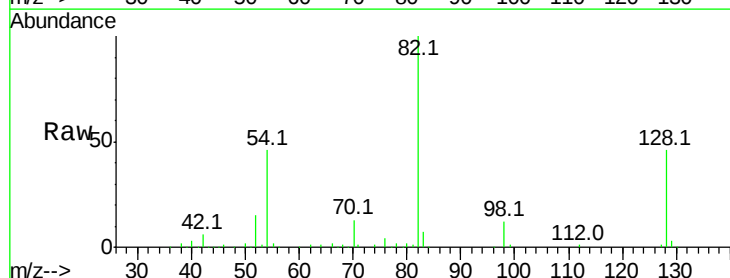


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

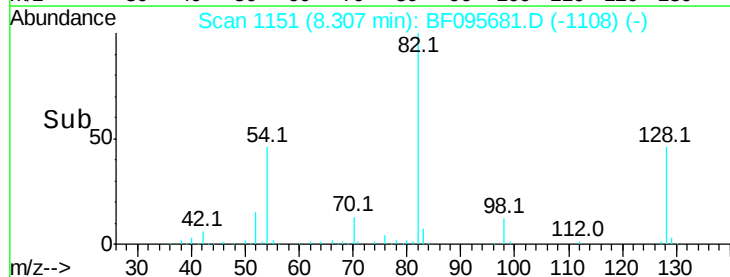
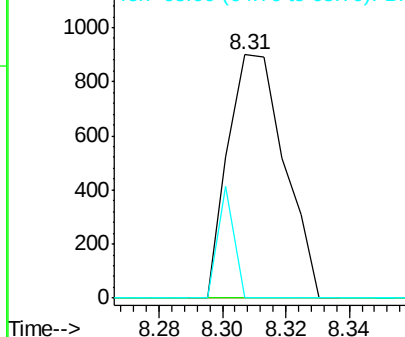


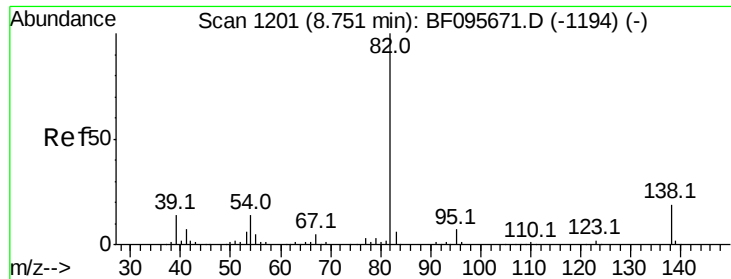
#24
Nitrobenzene
Concen: 0.18 ng
RT: 8.31 min Scan# 1151
Delta R.T. -0.04 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Tgt Ion: 77 Resp: 1106
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 0.0 10.6 15.8#



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





#25

Isophorone

Concen: 0.01 ng

RT: 8.64 min Scan# 1207

Delta R.T. -0.11 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

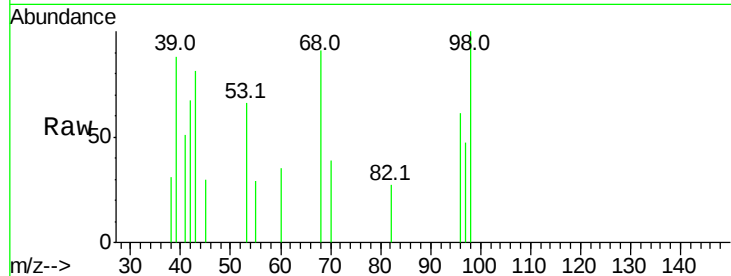
Tot Ion: 82 Resp: 108

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

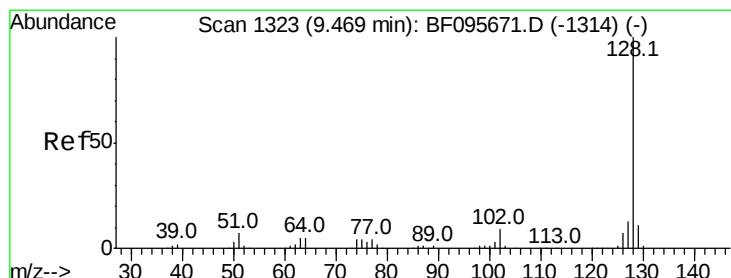
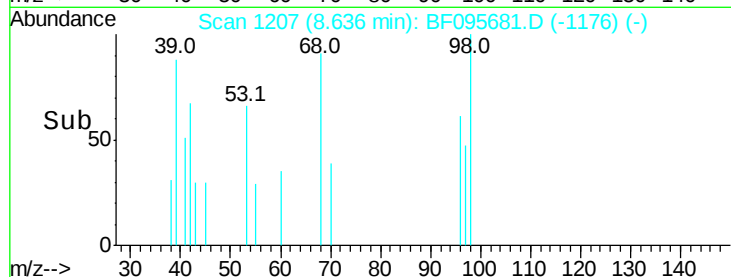
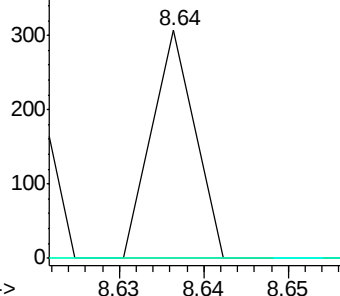
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 2.46 ng

RT: 9.46 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

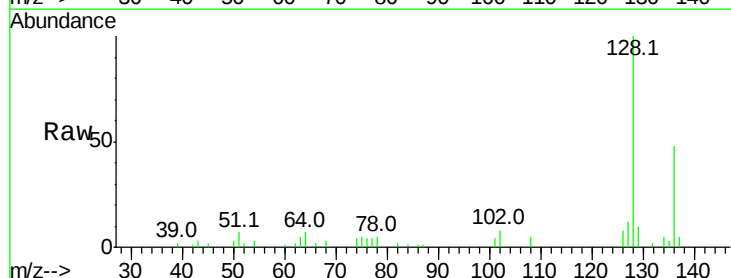
Tgt Ion: 128 Resp: 44655

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.6

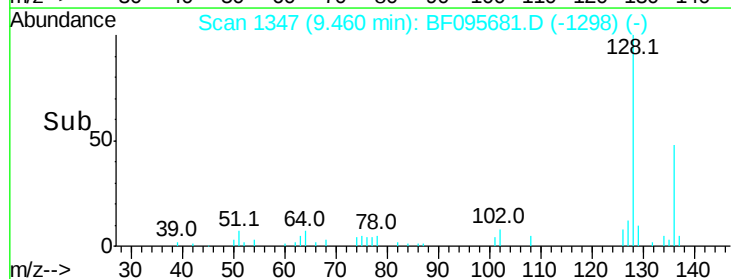
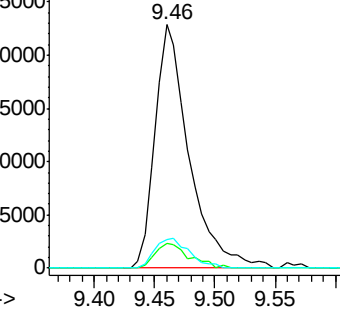
127 11.7 10.8 16.2

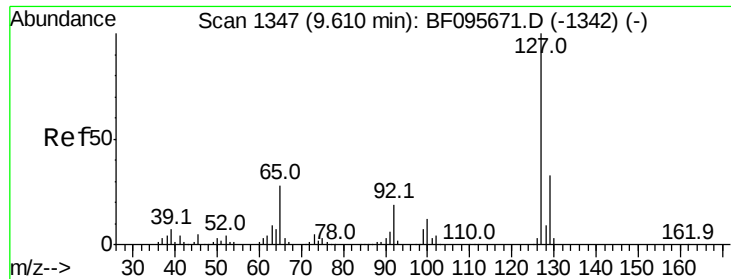


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

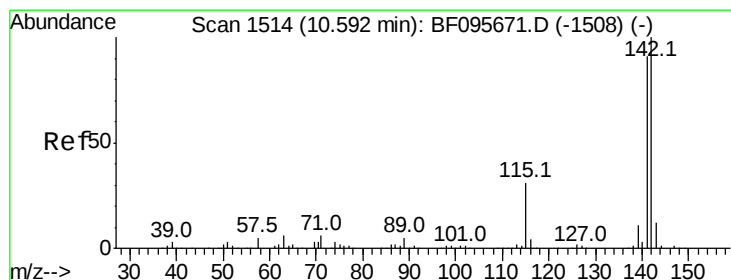
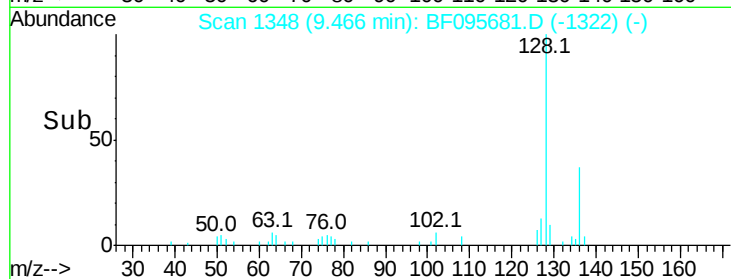
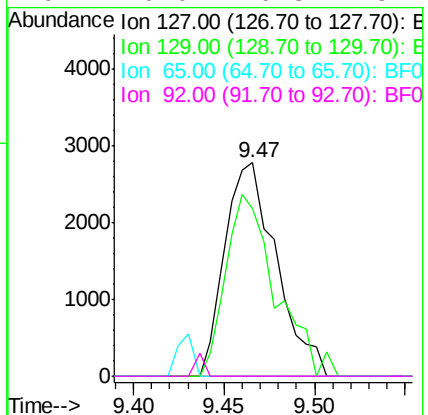
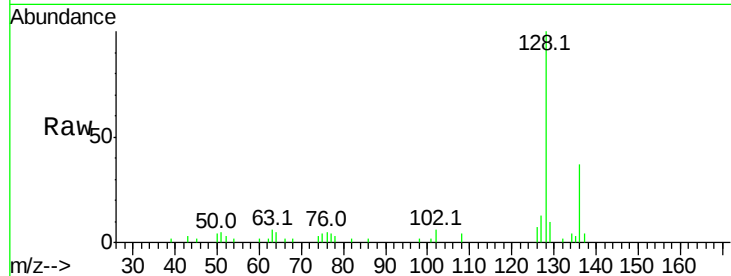




#33
 4-Chloroaniline
 Concen: 0.78 ng
 RT: 9.47 min Scan# 1348
 Delta R.T. -0.14 min
 Lab File: BF095681.D
 Acq: 5 Jun 2017 19:28

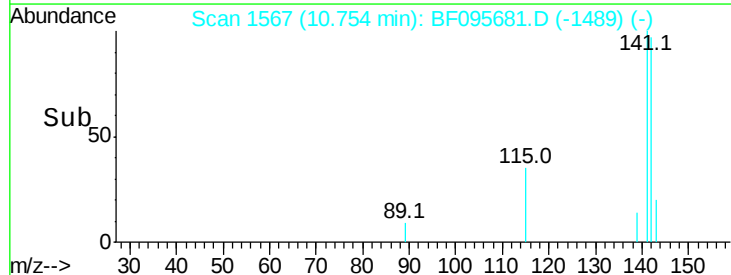
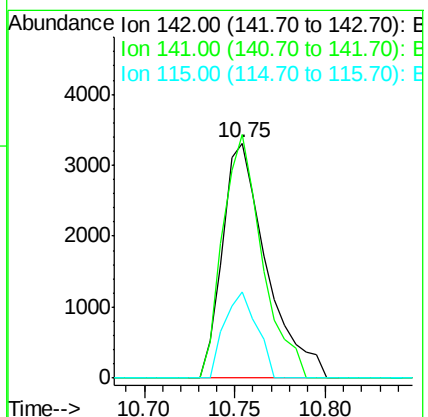
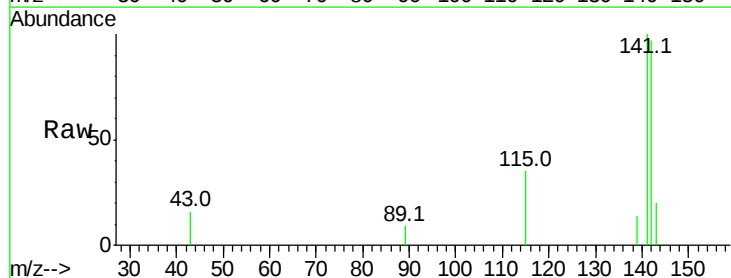
Instrument :
 BNA_F
 ClientSampleId :

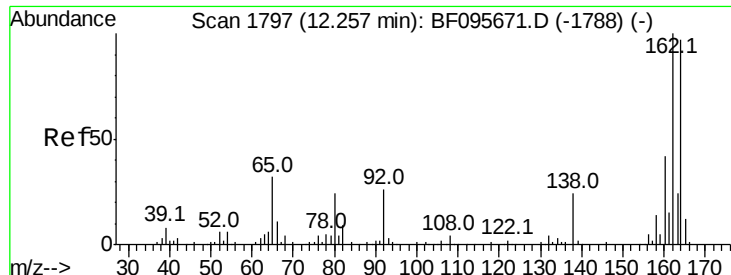
Tot Ion:127 Resp: 5504
 Ion Ratio Lower Upper
 127 100
 129 78.7 26.2 39.2#
 65 0.0 27.8 41.8#
 92 0.0 16.8 25.2#



#37
 2-Methylnaphthalene
 Concen: 0.46 ng
 RT: 10.75 min Scan# 1567
 Delta R.T. 0.16 min
 Lab File: BF095681.D
 Acq: 5 Jun 2017 19:28

Tgt Ion:142 Resp: 5615
 Ion Ratio Lower Upper
 142 100
 141 103.6 71.3 106.9
 115 36.7 27.1 40.7

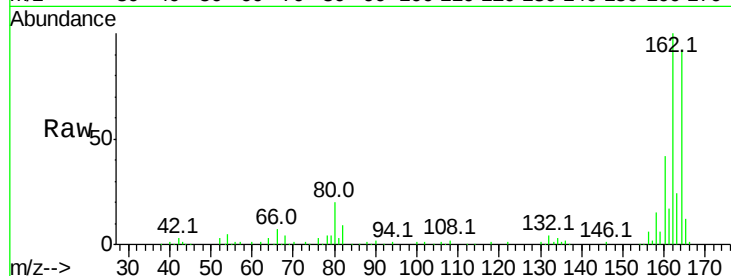




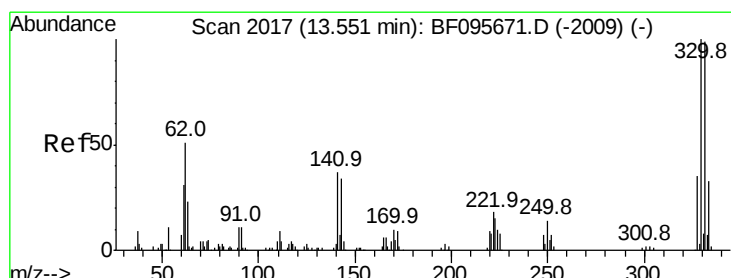
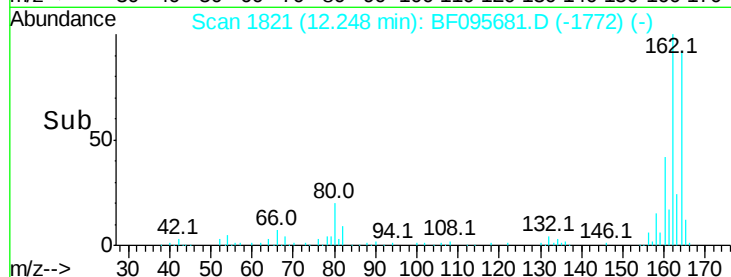
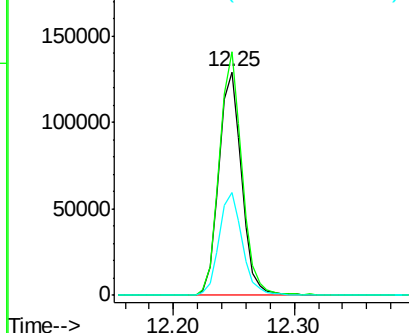
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 167933
Ion Ratio Lower Upper
164 100
162 108.8 82.6 123.8
160 45.8 36.2 54.2

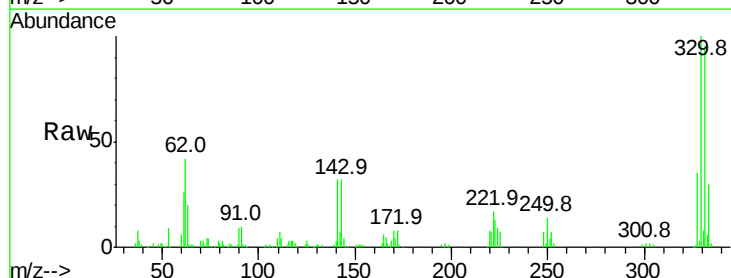


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

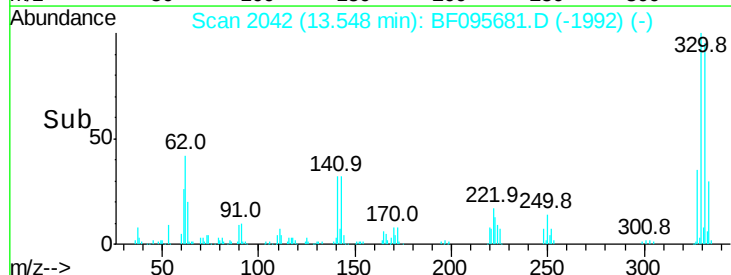
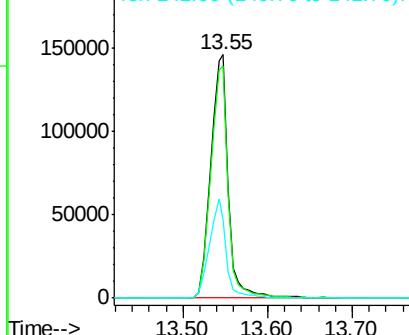


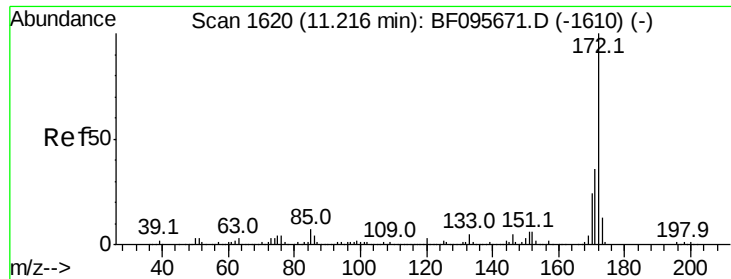
#41
2,4,6-Tribromophenol
Concen: 145.43 ng
RT: 13.55 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Tgt Ion:330 Resp: 216075
Ion Ratio Lower Upper
330 100
332 94.3 76.6 115.0
141 38.4 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

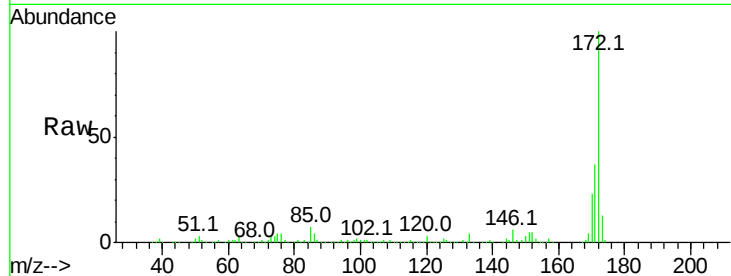




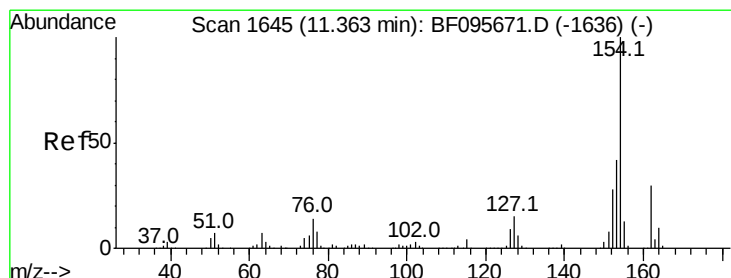
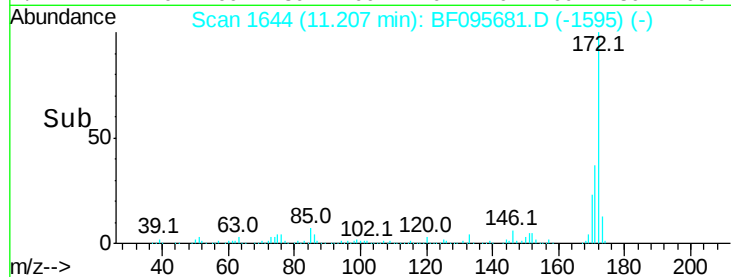
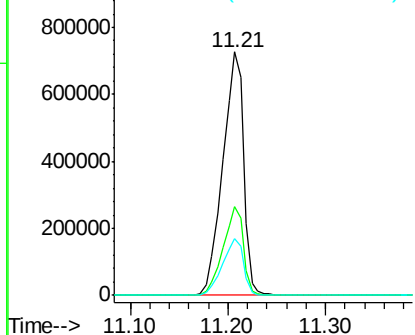
#44
2-Fluorobiphenyl
Concen: 89.26 ng
RT: 11.21 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1077119
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.4 19.8 29.8

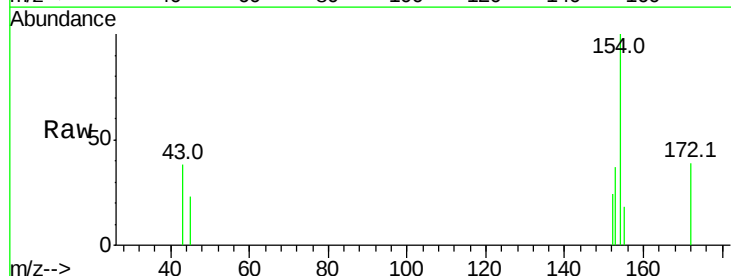


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

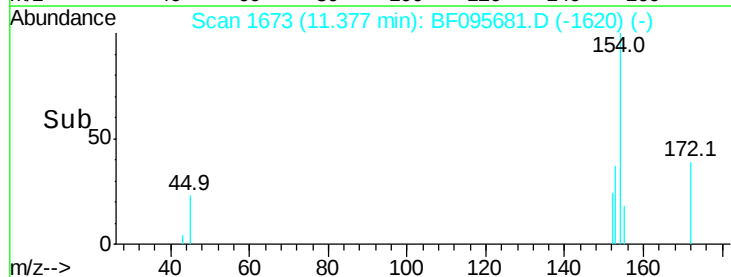
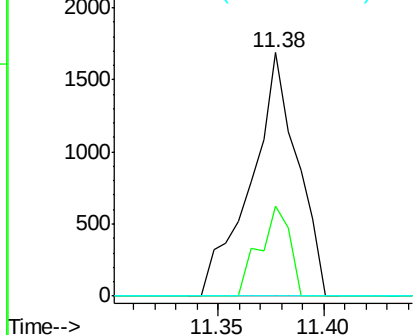


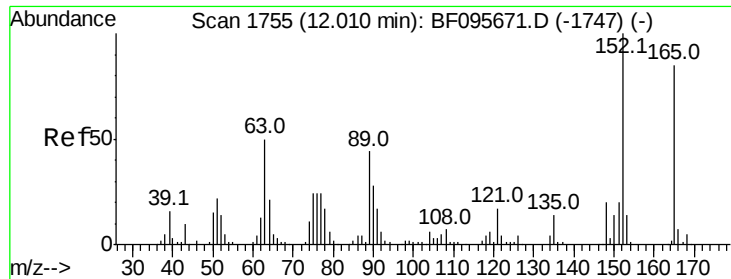
#45
1,1'-Biphenyl
Concen: 0.19 ng
RT: 11.38 min Scan# 1673
Delta R.T. 0.01 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Tgt Ion:154 Resp: 2583
Ion Ratio Lower Upper
154 100
153 37.1 21.2 61.2
76 0.0 0.0 29.9



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

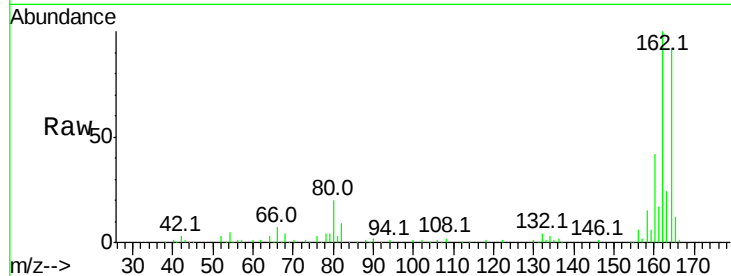




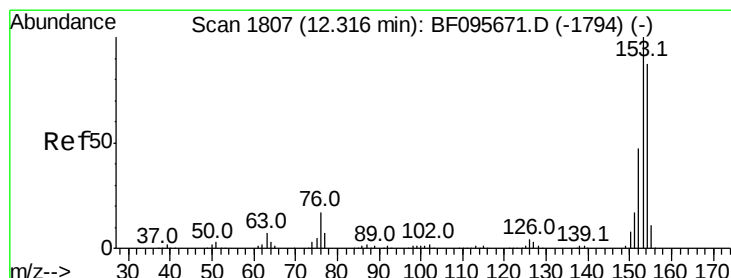
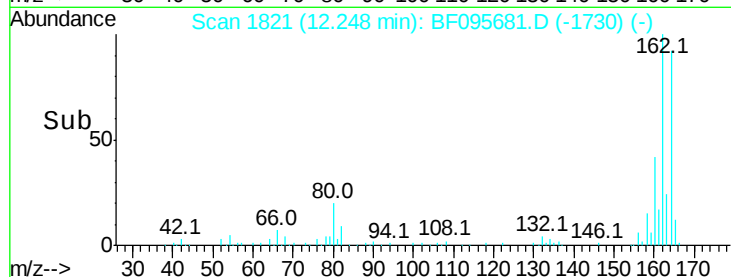
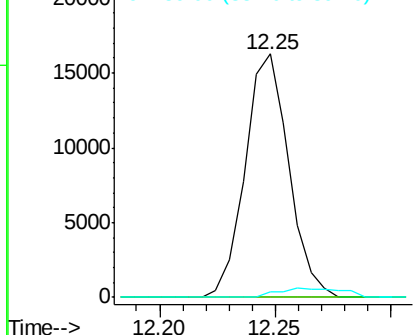
#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 12.25 min Scan# 1821
Delta R.T. 0.24 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 21422
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 2.0 37.1 55.7#

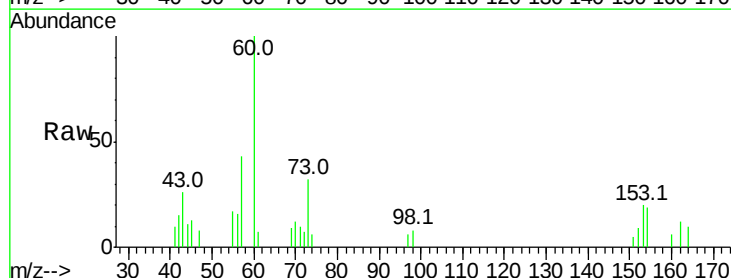


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

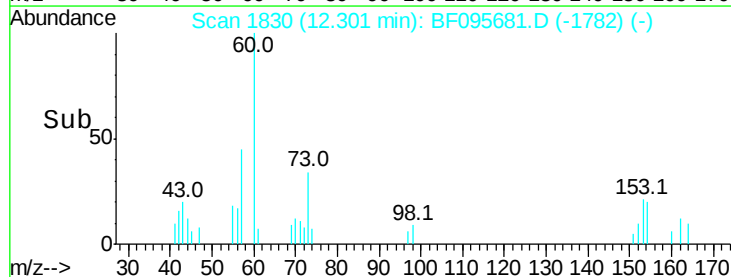
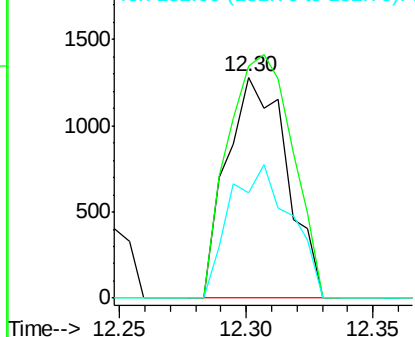


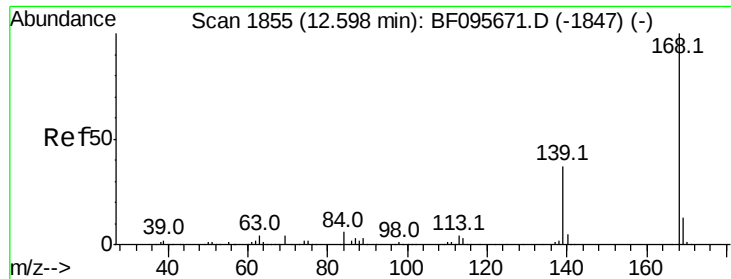
#51
Acenaphthene
Concen: 0.20 ng
RT: 12.30 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Tgt Ion:154 Resp: 2116
Ion Ratio Lower Upper
154 100
153 105.2 90.5 135.7
152 47.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 0.15 ng

RT: 12.61 min Scan# 1883

Delta R.T. 0.01 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

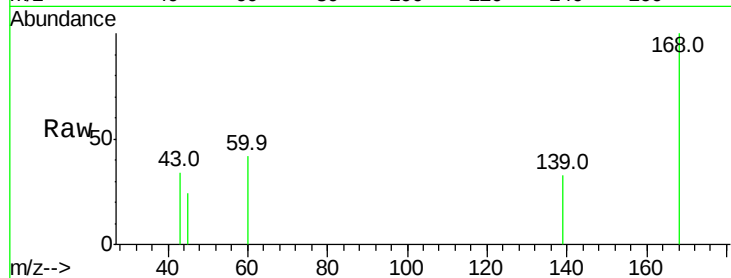
Tot Ion:168 Resp: 2200

Ion Ratio Lower Upper

168 100

139 32.9 30.6 45.8

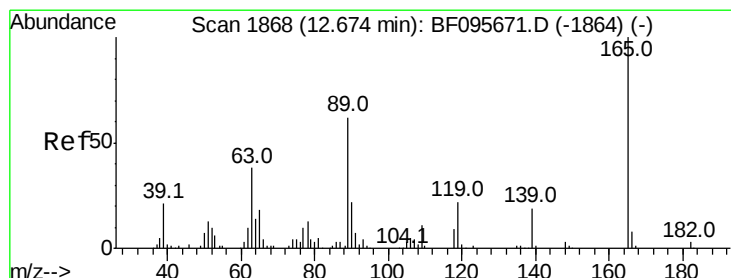
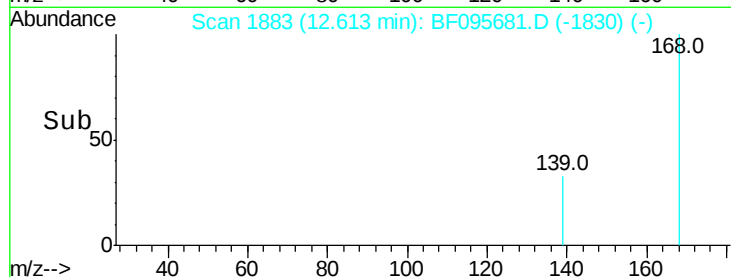
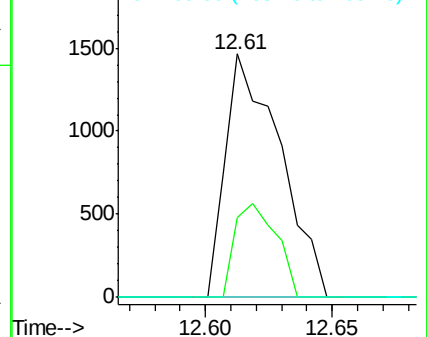
169 0.0 10.8 16.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 4.95 ng

RT: 12.62 min Scan# 1884

Delta R.T. -0.06 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

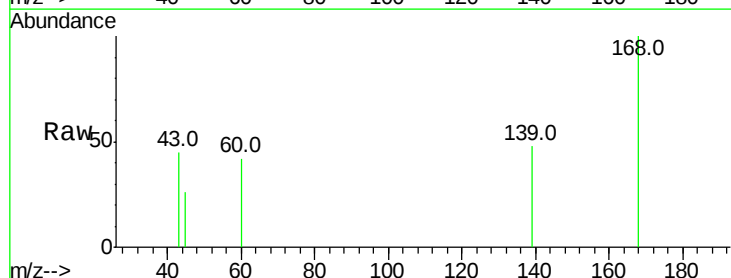
Tgt Ion:139 Resp: 641

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

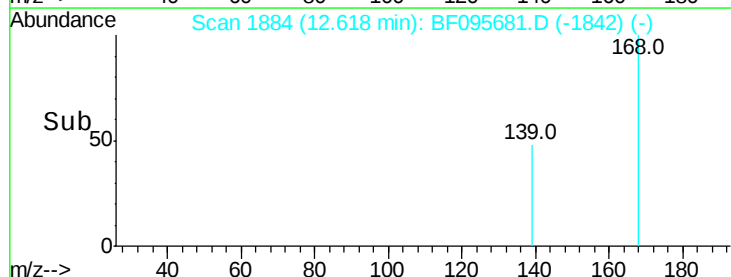
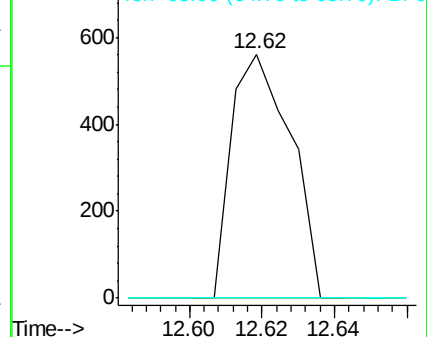
65 0.0 31.4 71.4#

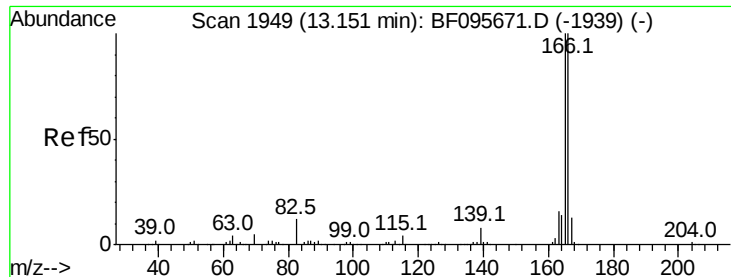


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

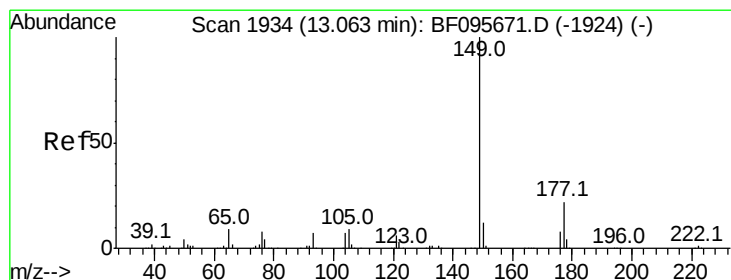
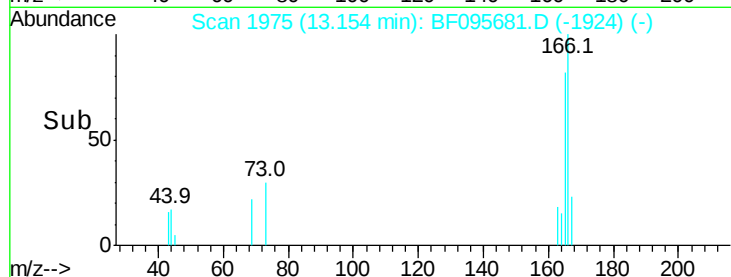
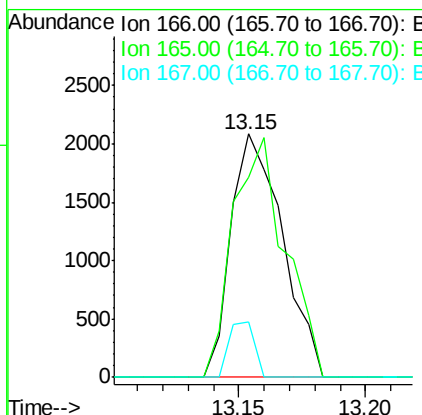
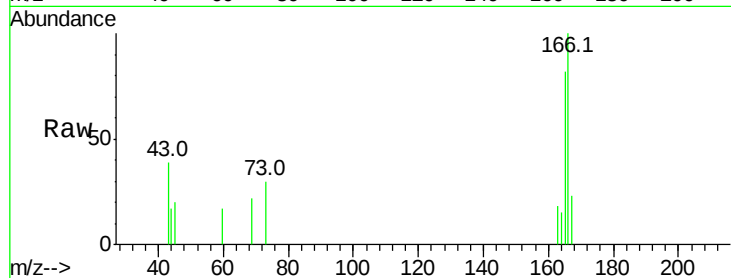




#57
 Fluorene
 Concen: 0.22 ng
 RT: 13.15 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BF095681.D
 Acq: 5 Jun 2017 19:28

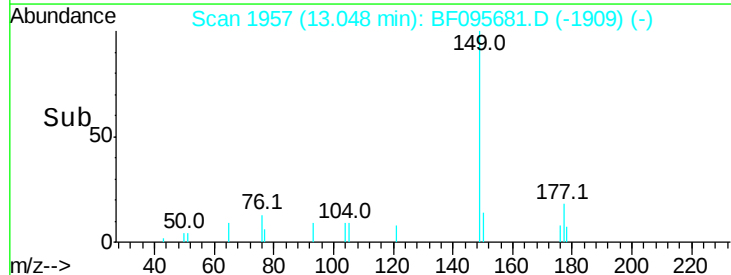
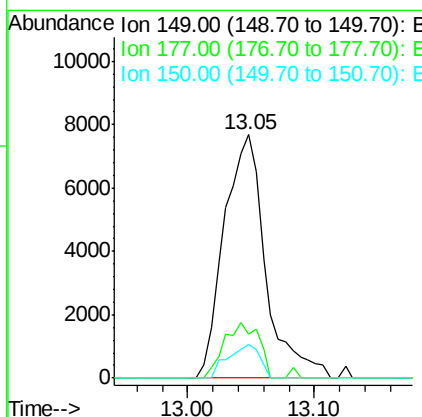
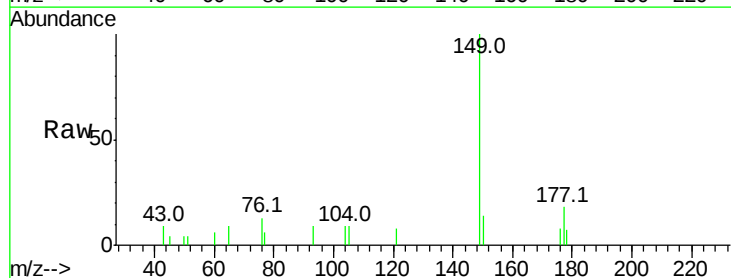
Instrument :
 BNA_F
 ClientSampled :

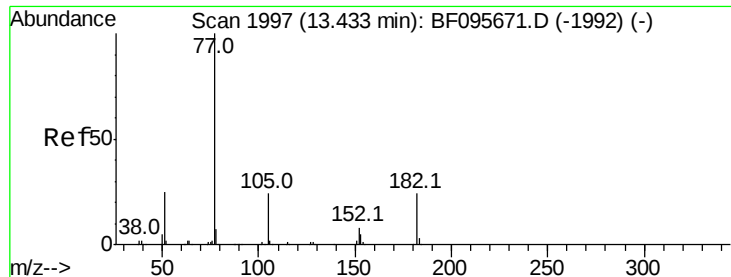
Tot Ion:166 Resp: 2941
 Ion Ratio Lower Upper
 166 100
 165 81.9 78.8 118.2
 167 22.5 10.6 16.0#



#59
 Diethylphthalate
 Concen: 1.42 ng
 RT: 13.05 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF095681.D
 Acq: 5 Jun 2017 19:28

Tgt Ion:149 Resp: 17455
 Ion Ratio Lower Upper
 149 100
 177 17.9 16.7 25.1
 150 13.9 10.2 15.2





#62

Azobenzene

Concen: 0.10 ng

RT: 13.54 min Scan# 2041

Delta R.T. 0.11 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1077

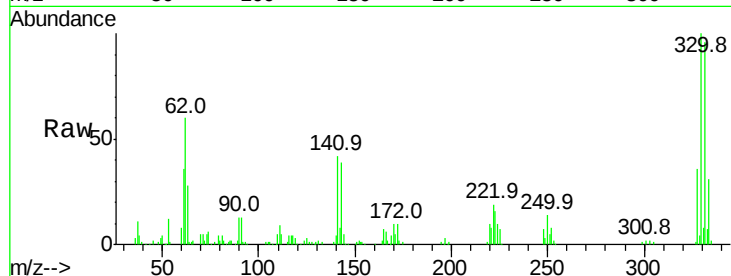
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 104.5 3.6 43.6#

51 74.5 9.4 49.4#

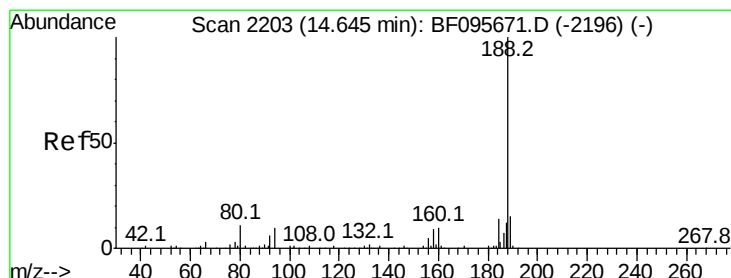
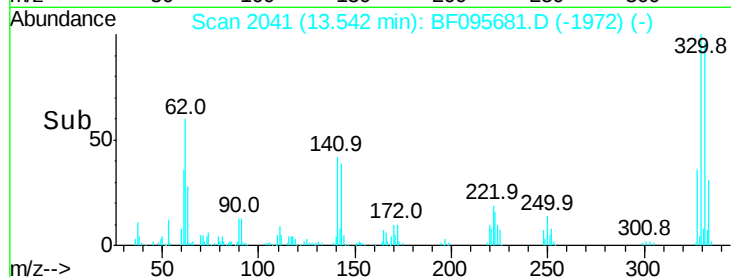
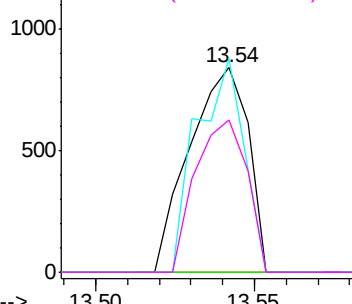


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

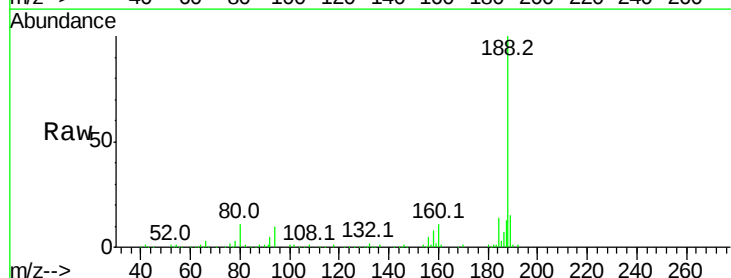
Tgt Ion: 188 Resp: 332342

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

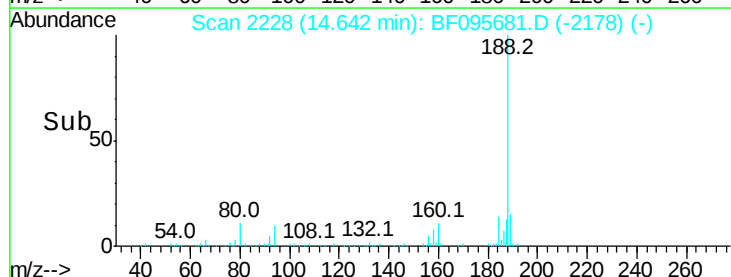
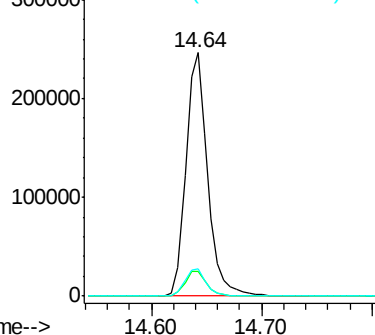
80 11.2 10.2 15.2

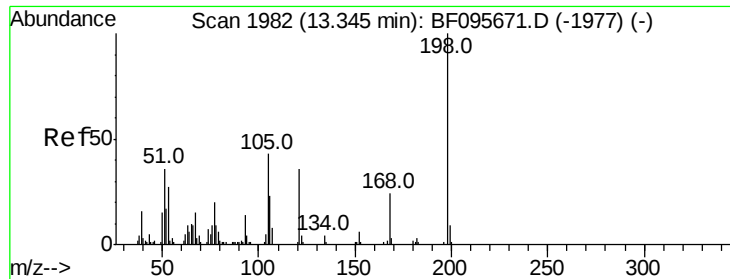


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

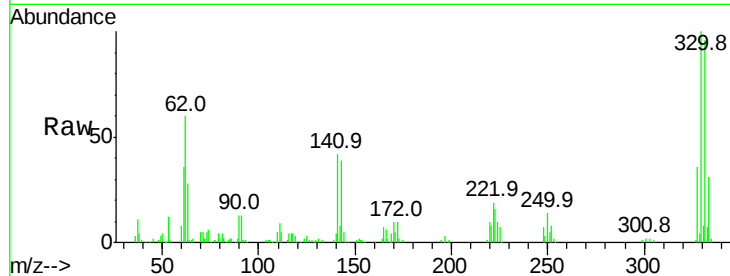




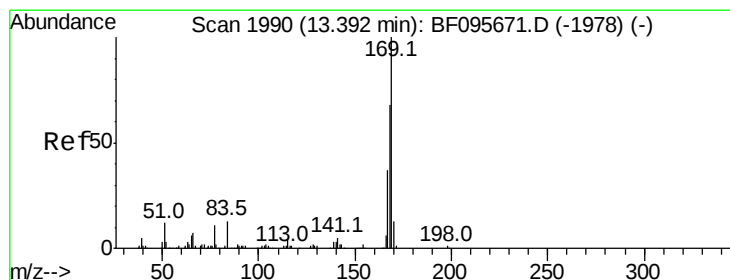
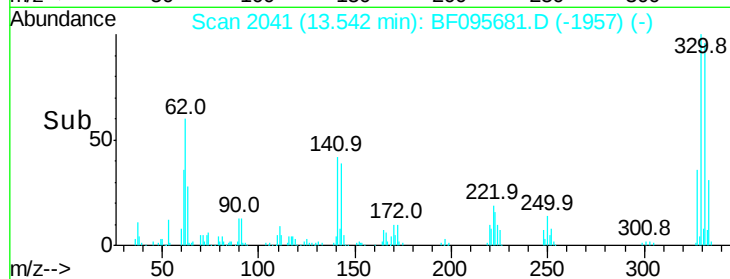
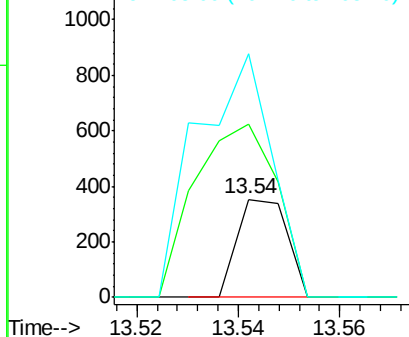
#64
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 13.54 min Scan# 2041
Delta R.T. 0.20 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 244
Ion Ratio Lower Upper
198 100
51 177.1 53.2 93.2#
105 248.4 45.8 85.8#

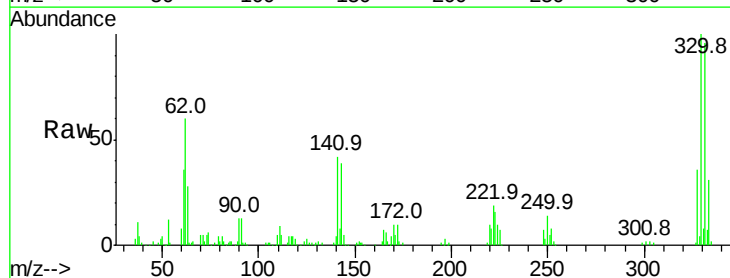


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

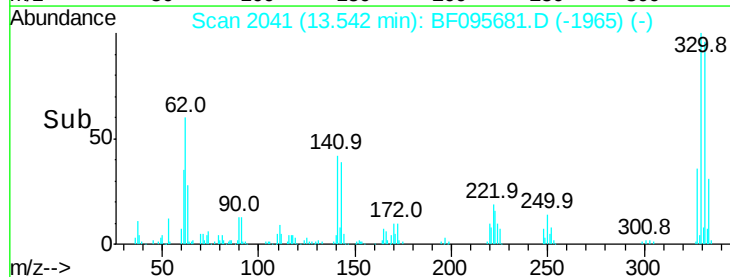
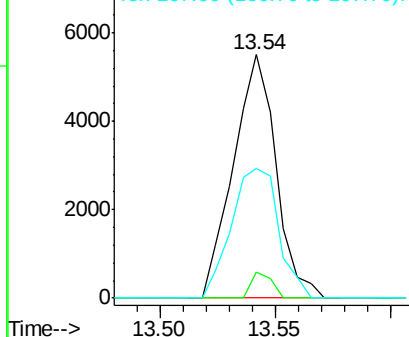


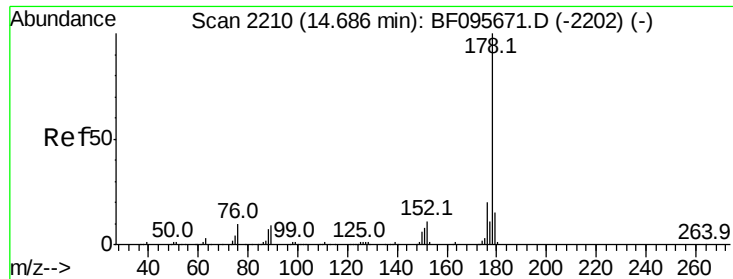
#65
n-Nitrosodiphenylamine
Concen: 0.59 ng
RT: 13.54 min Scan# 2041
Delta R.T. 0.15 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Tgt Ion:169 Resp: 7096
Ion Ratio Lower Upper
169 100
168 10.7 53.2 79.8#
167 53.3 29.5 44.3#



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





#70

Phenanthrene

Concen: 0.33 ng

RT: 14.68 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

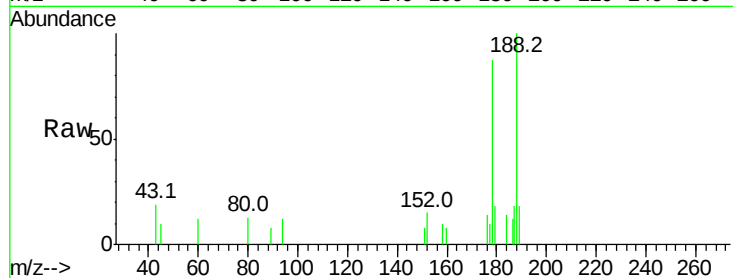
Tot Ion:178 Resp: 6317

Ion Ratio Lower Upper

178 100

176 16.7 16.2 24.4

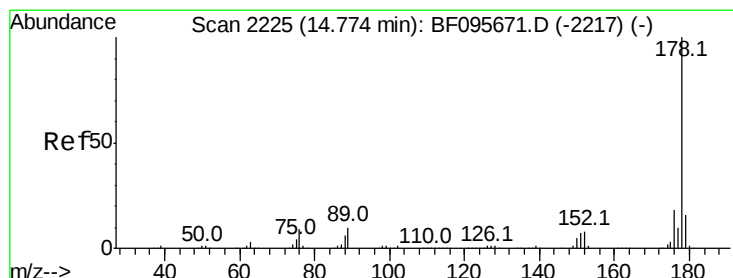
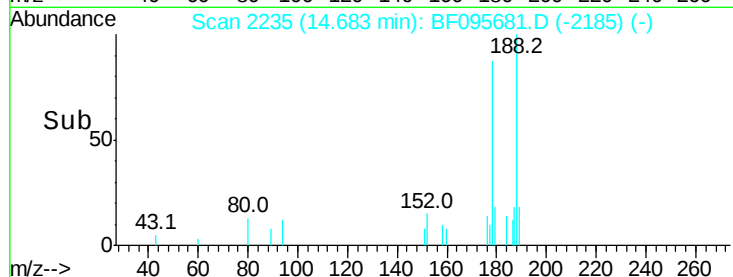
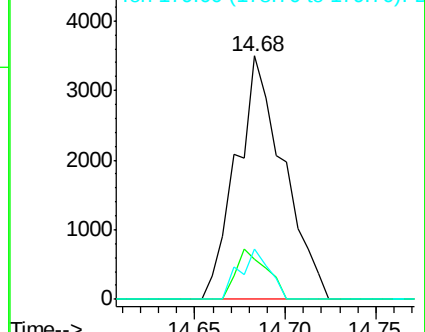
179 20.6 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.01 ng

RT: 14.82 min Scan# 2259

Delta R.T. 0.05 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

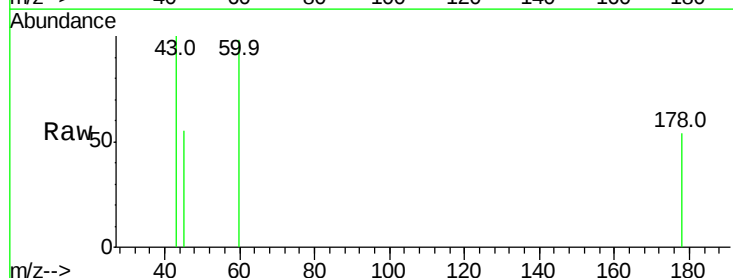
Tgt Ion:178 Resp: 229

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

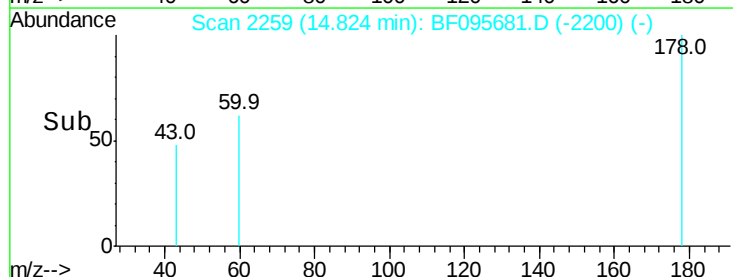
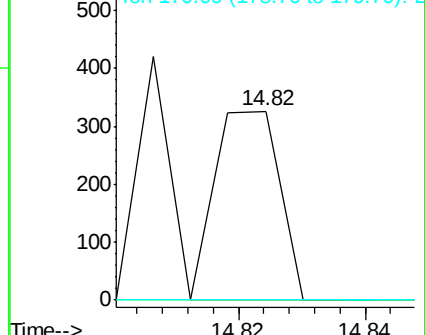
179 0.0 12.7 19.1#

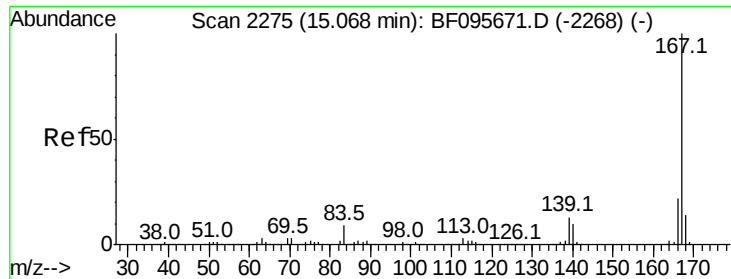


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.02 ng

RT: 15.14 min Scan# 2312

Delta R.T. 0.07 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

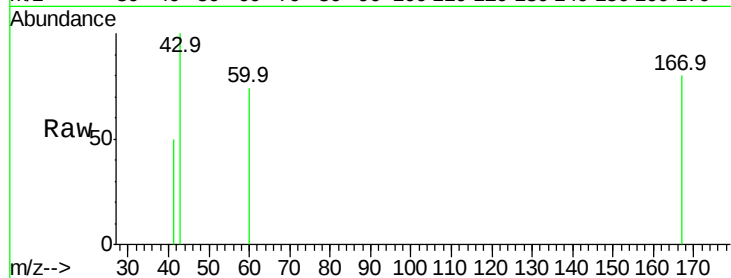
Tot Ion:167 Resp: 422

Ion Ratio Lower Upper

167 100

166 0.0 18.1 27.1#

139 0.0 11.7 17.5#



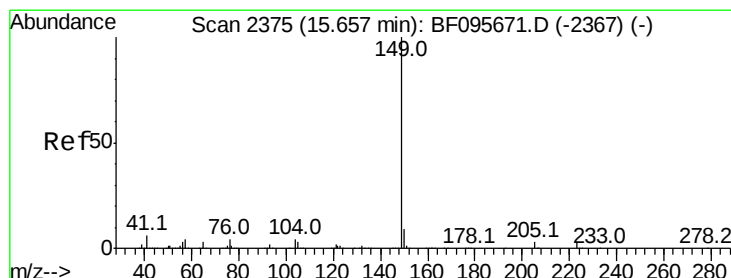
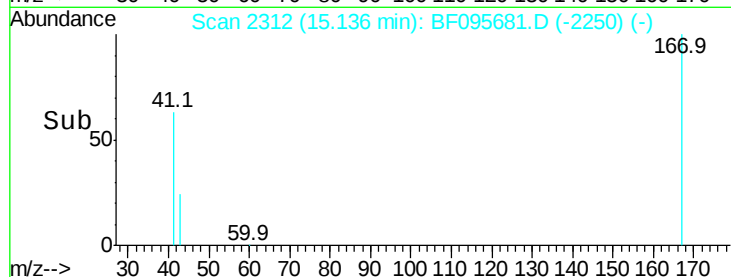
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

15.14

Time-->



#73

Di-n-butylphthalate

Concen: 0.86 ng

RT: 15.65 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

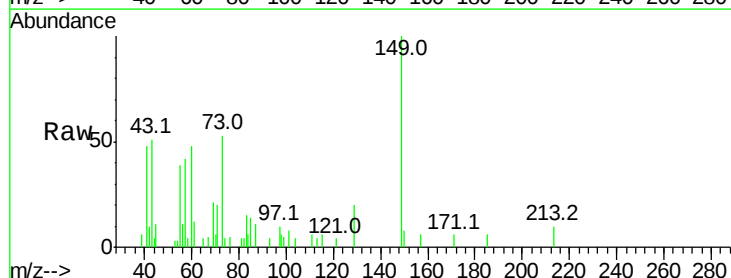
Tgt Ion:149 Resp: 17800

Ion Ratio Lower Upper

149 100

150 8.3 7.7 11.5

104 4.2 4.0 6.0



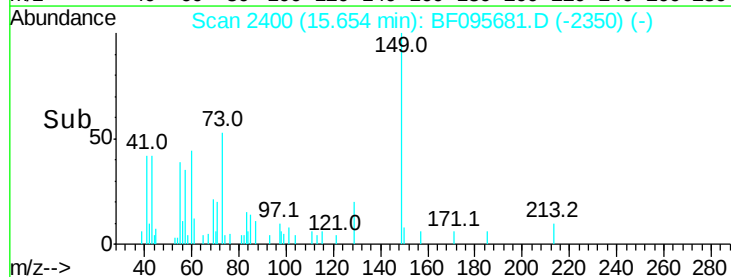
Abundance Ion 149.00 (148.70 to 149.70): E

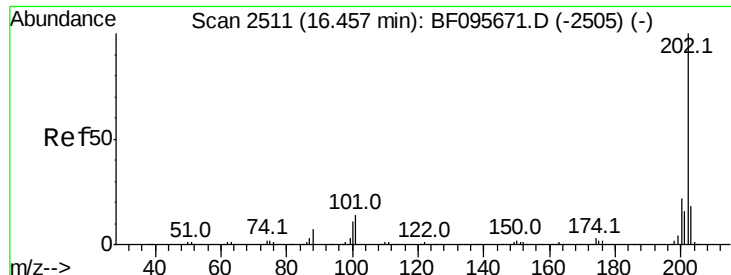
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

15.65

Time-->

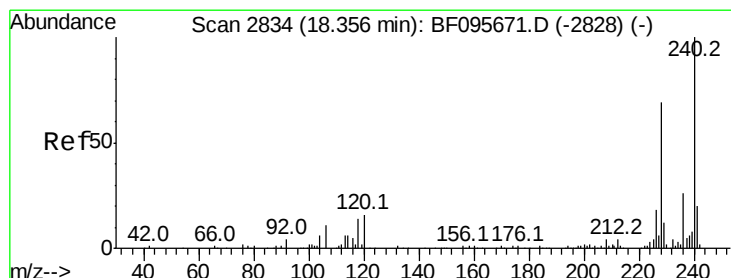
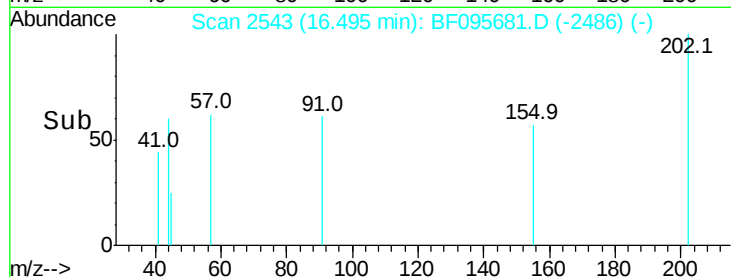
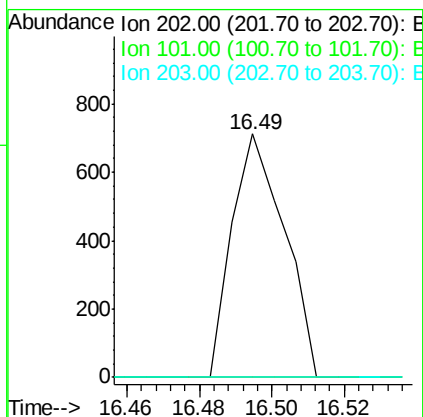
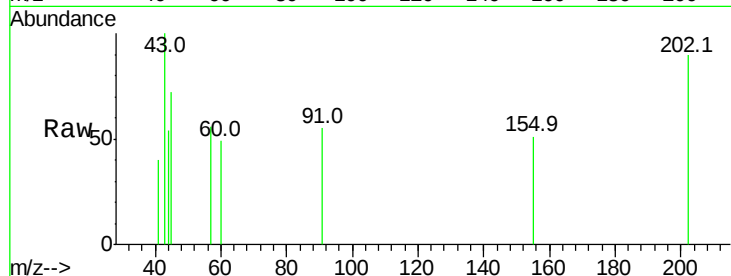




#74
 Fluoranthene
 Concen: 0.04 ng
 RT: 16.49 min Scan# 2543
 Delta R.T. 0.04 min
 Lab File: BF095681.D
 Acq: 5 Jun 2017 19:28

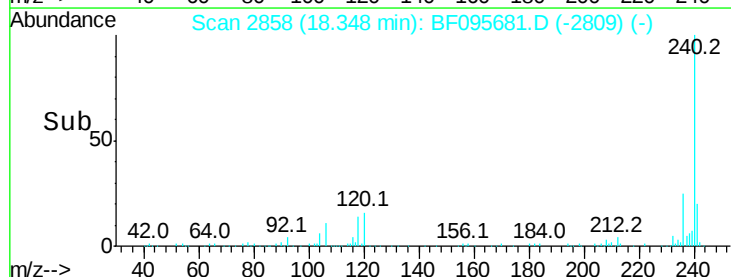
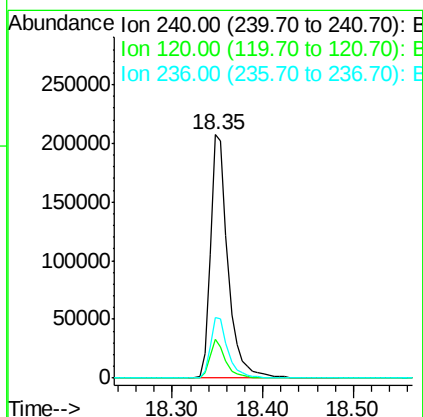
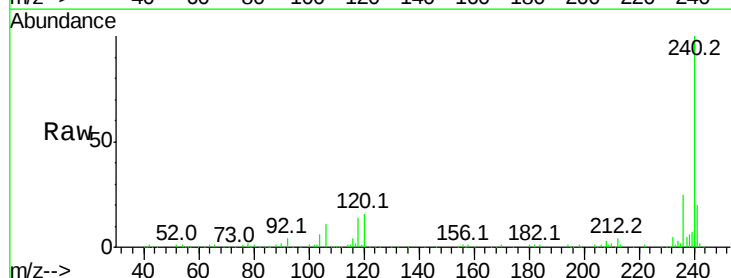
Instrument :
 BNA_F
 ClientSampleId :

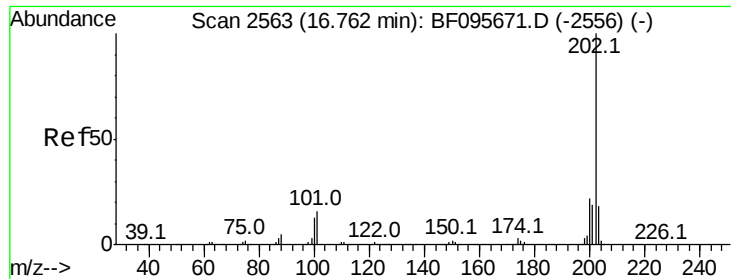
Tot Ion:202 Resp: 715
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 33.2
 203 0.0 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.35 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BF095681.D
 Acq: 5 Jun 2017 19:28

Tgt Ion:240 Resp: 279089
 Ion Ratio Lower Upper
 240 100
 120 15.8 5.8 8.8#
 236 24.9 20.5 30.7





#77

Pvrene

Concen: 0.01 ng

RT: 16.78 min Scan# 2592

Delta R.T. 0.02 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

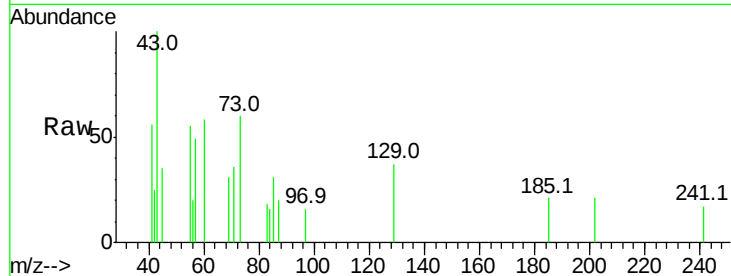
Tot Ion:202 Resp: 284

Ion Ratio Lower Upper

202 100

200 0.0 17.6 26.4#

203 0.0 14.4 21.6#

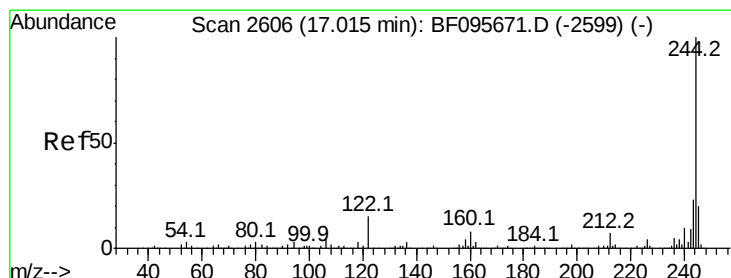
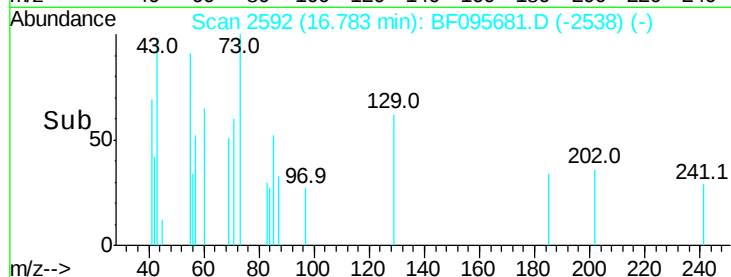
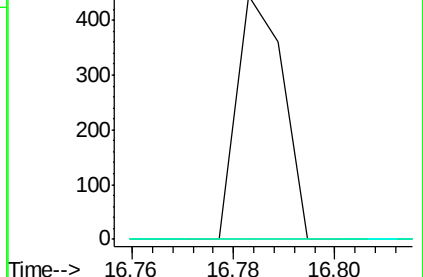


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

16.78



#78

Terphenyl-d14

Concen: 88.25 ng

RT: 17.02 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

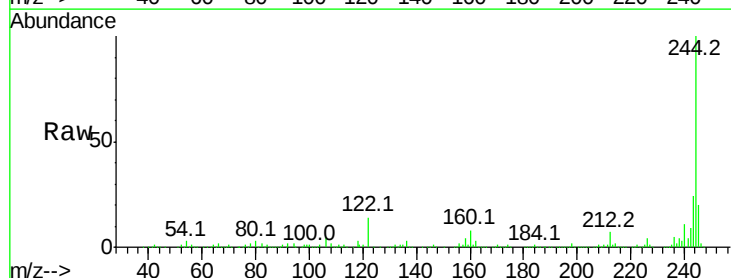
Tgt Ion:244 Resp: 992408

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 14.3 10.3 15.5

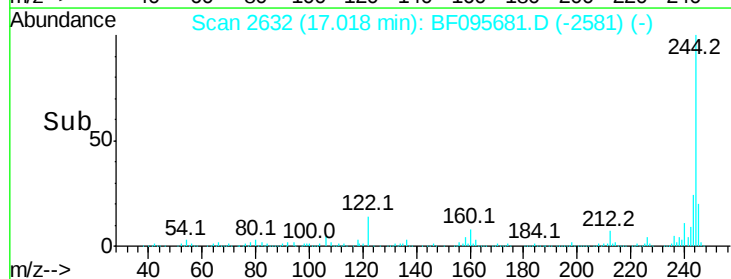
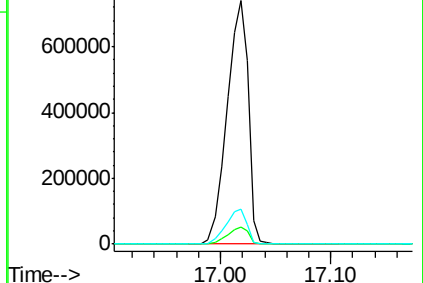


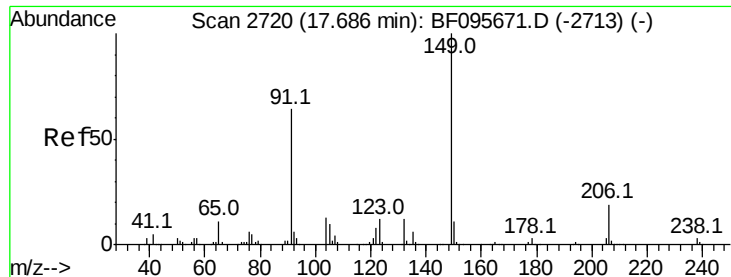
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

17.02

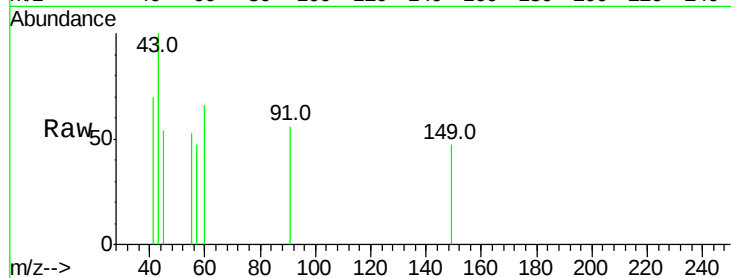




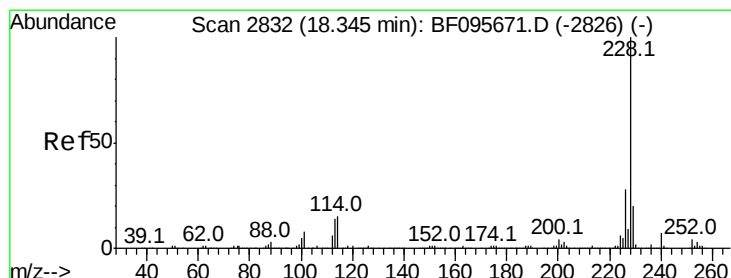
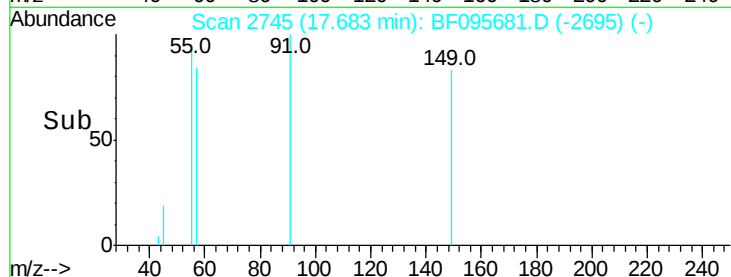
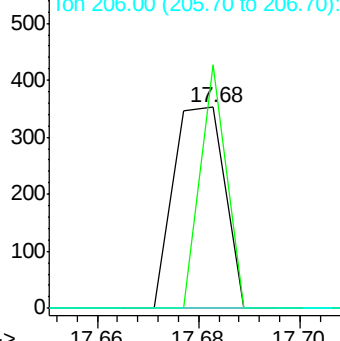
#79
Butylbenzylphthalate
Concen: 0.03 ng
RT: 17.68 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 247
Ion Ratio Lower Upper
149 100
91 121.0 45.0 67.4#
206 0.0 17.0 25.6#

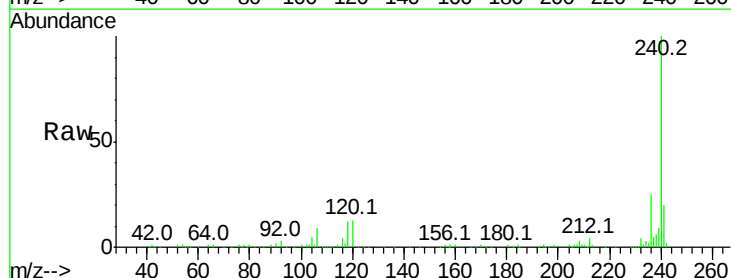


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

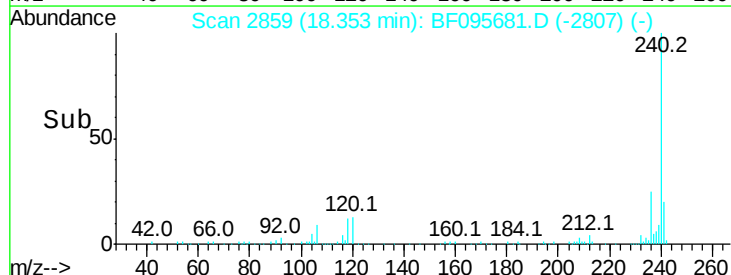
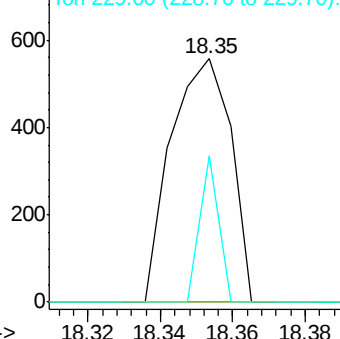


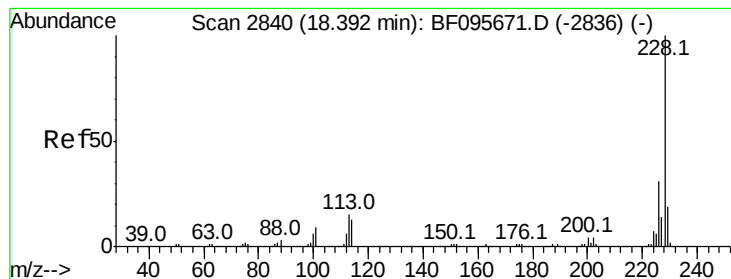
#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 18.35 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Tgt Ion:228 Resp: 638
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 60.0 16.3 24.5#



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





#82

Chrysene

Concen: 0.04 ng

RT: 18.35 min Scan# 2859

Delta R.T. -0.04 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

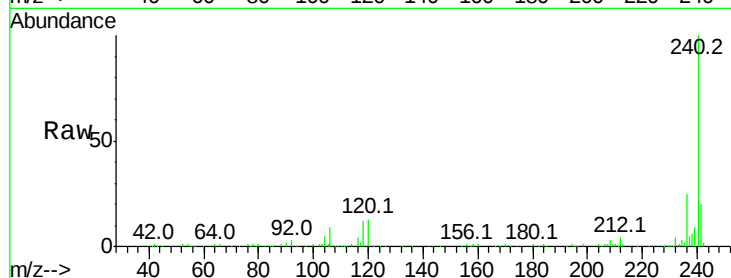
Tot Ion:228 Resp: 638

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

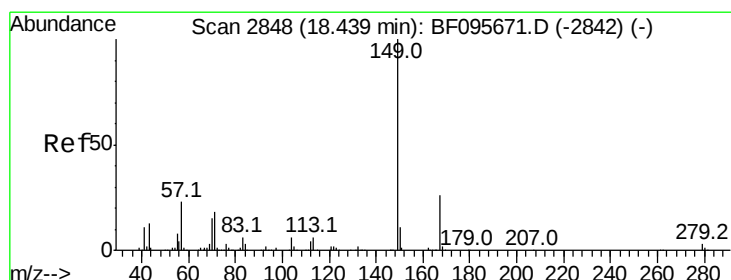
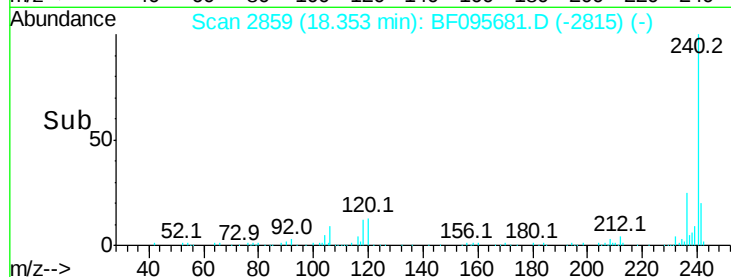
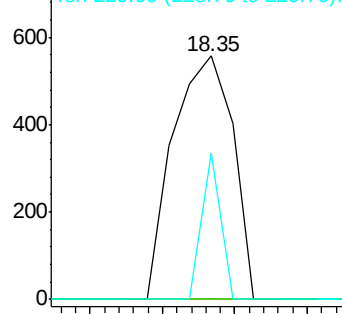
229 60.0 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 18.43 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

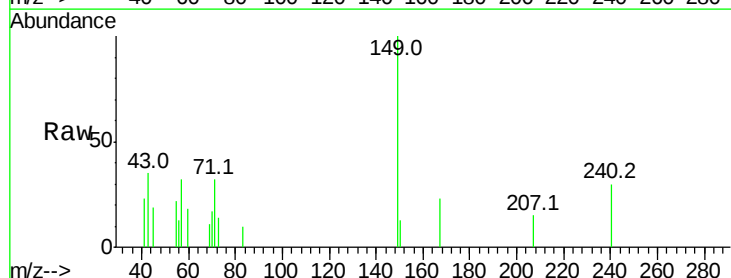
Tgt Ion:149 Resp: 3325

Ion Ratio Lower Upper

149 100

167 23.4 21.0 31.4

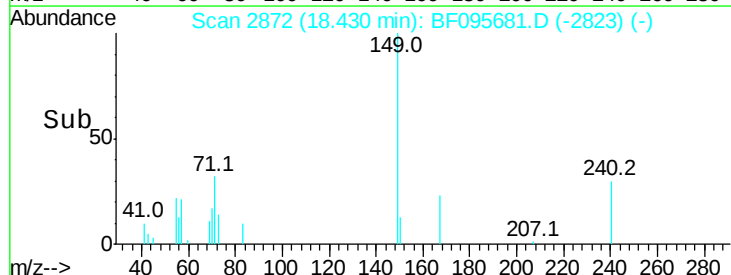
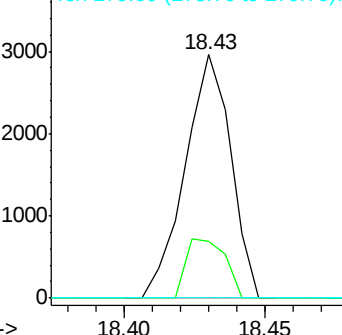
279 0.0 1.9 2.9#

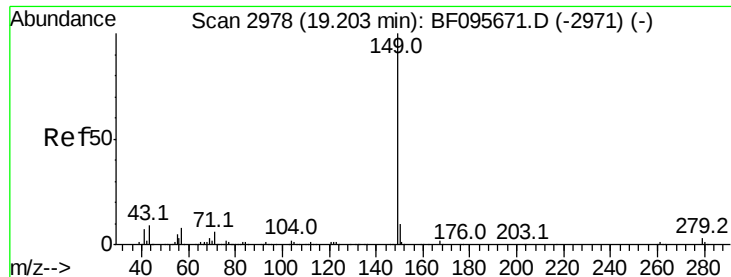


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

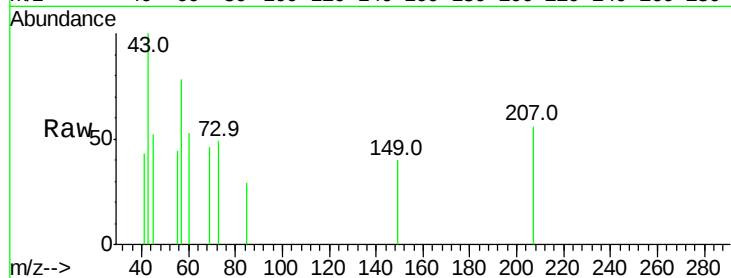




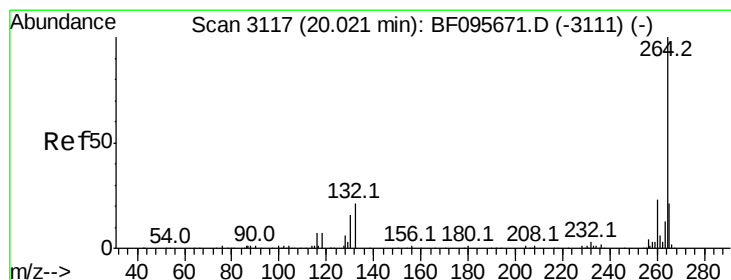
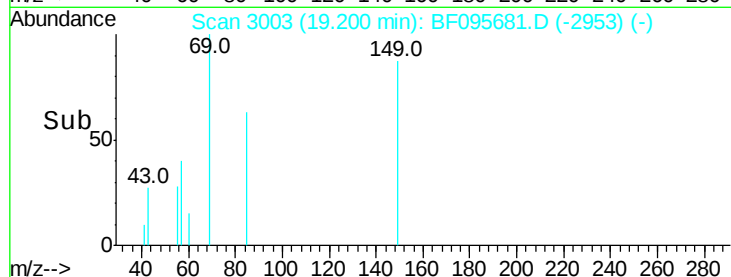
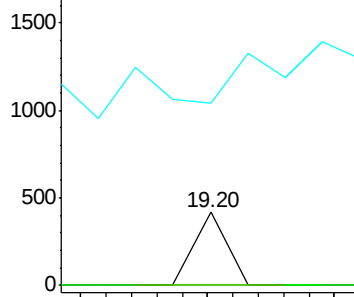
#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 19.20 min Scan# 3003
Delta R.T. -0.00 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 147
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 115.6 8.5 12.7#

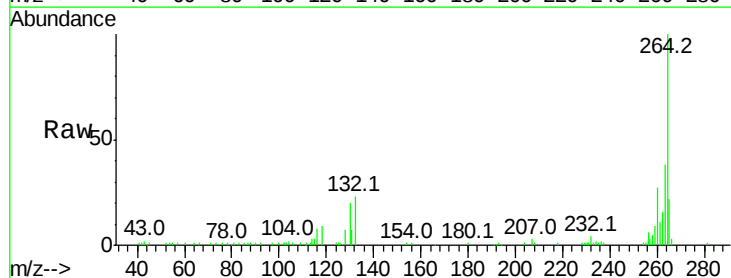


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

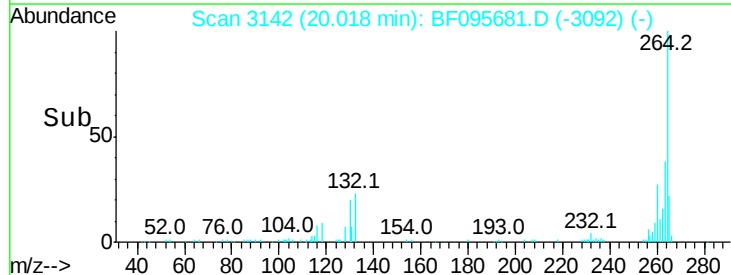
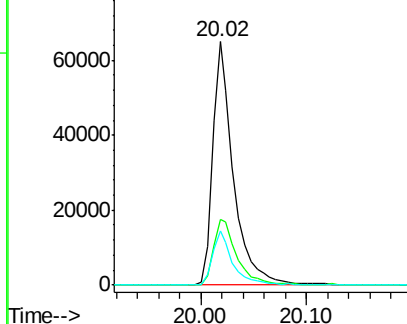


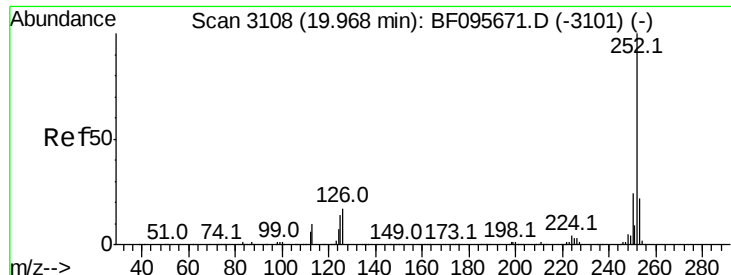
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095681.D
Acq: 5 Jun 2017 19:28

Tgt Ion:264 Resp: 89612
Ion Ratio Lower Upper
264 100
260 26.8 19.5 29.3
265 22.5 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





#89

Benzo(a)pyrene

Concen: 0.02 ng

RT: 20.02 min Scan# 3143

Delta R.T. 0.06 min

Lab File: BF095681.D

Acq: 5 Jun 2017 19:28

Instrument :

BNA_F

ClientSampleId :

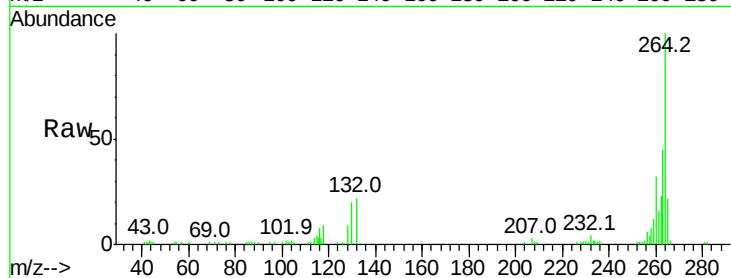
Tot Ion:252 Resp: 123

Ion Ratio Lower Upper

252 100

253 129.3 17.5 26.3#

125 0.0 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

Time-->

