

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100183.D
 Acq On : 4 Nov 2017 17:23
 Operator : SJ/JU
 Sample : I6208-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:50:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	82165	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	338479	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	148803	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	245640	20.00	ng	0.00
75) Chrysene-d12	13.95	240	140237	20.00	ng	0.00
86) Perylene-d12	15.40	264	150289	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	289875	55.39	ng	0.02
7) Phenol-d6	6.48	99	281478	45.36	ng	0.05
23) Nitrobenzene-d5	7.34	82	505455	96.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	117977	87.00	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1046909	108.55	ng	0.00
78) Terphenyl-d14	12.87	244	688909	107.36	ng	0.00

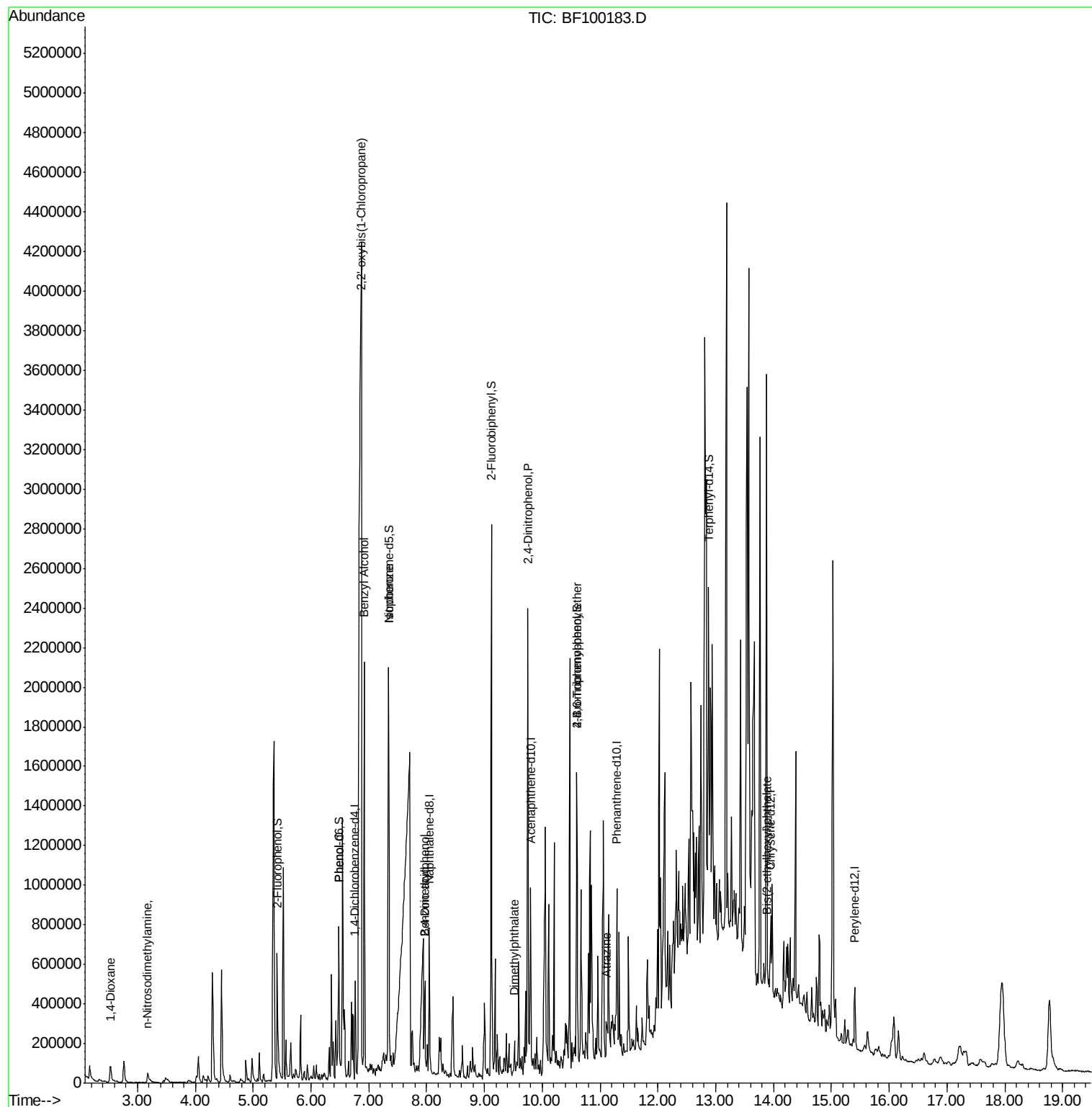
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	9343	4.043	ng	# 2
4) n-Nitrosodimethylamine	3.18	42	4227	2.129	ng	# 1
10) Phenol	6.47	94	19714	2.893	ng	# 47
15) Benzyl Alcohol	6.92	79	8224	2.084	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	6.87	45	46746	7.998	ng	# 83
25) Isophorone	7.34	82	505455	52.982	ng	# 64
27) 2,4-Dimethylphenol	7.97	122	117438	26.270	ng	# 5
32) Benzoic acid	7.97	122	129224	32.840	ng	# 93
49) Dimethylphthalate	9.52	163	45671	3.876	ng	# 99
53) 2,4-Dinitrophenol	9.75	184	2041	7.698	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	7731	2.990	ng	# 1
68) Atrazine	11.12	200	18208	6.685	ng	# 37
83) Bis(2-ethylhexyl)phthalate	13.90	149	20122	2.729	ng	# 92

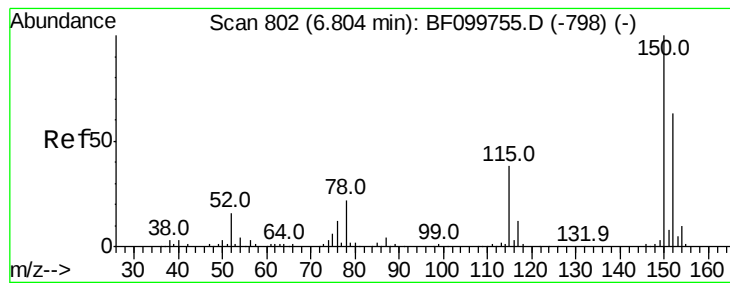
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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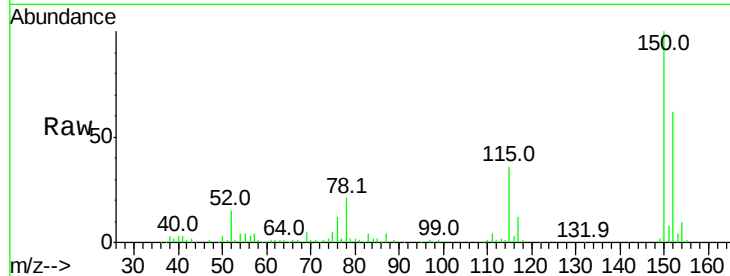


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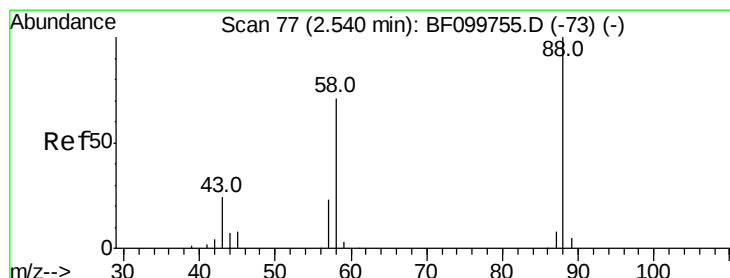
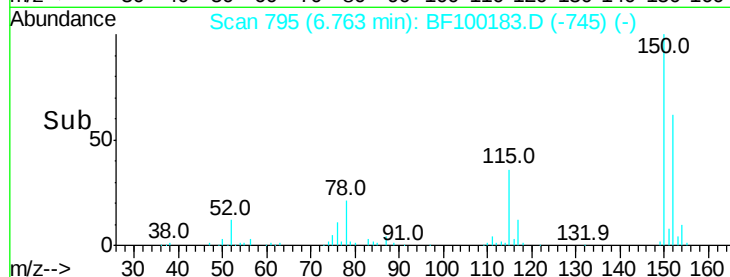
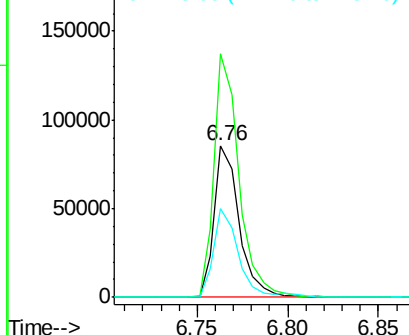
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100183.D
 Acq: 4 Nov 2017 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 82165
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.6 186.8
 115 58.5 50.1 75.1



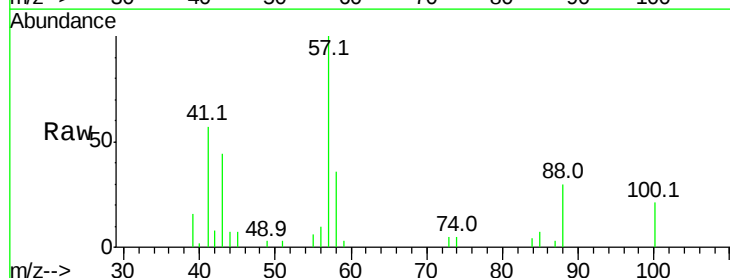
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



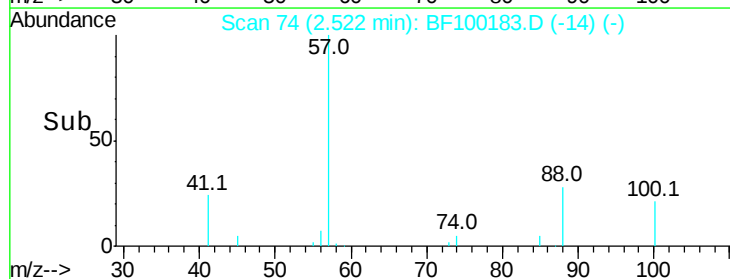
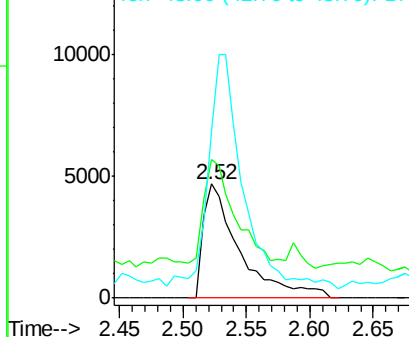
#2

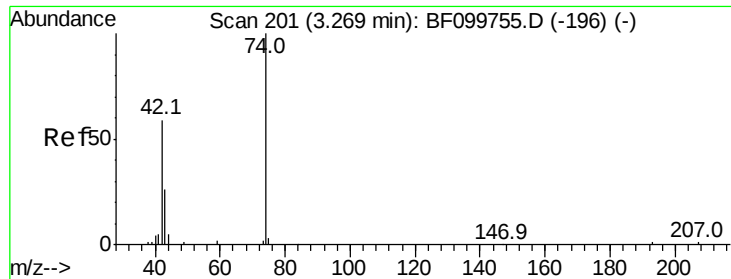
1,4-Dioxane
 Concen: 4.043 ng
 RT: 2.52 min Scan# 74
 Delta R.T. 0.05 min
 Lab File: BF100183.D
 Acq: 4 Nov 2017 17:23

Tgt Ion: 88 Resp: 9343
 Ion Ratio Lower Upper
 88 100
 58 91.7 62.6 93.8
 43 198.5 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1



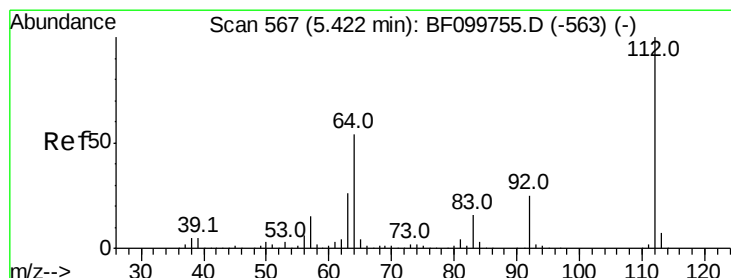
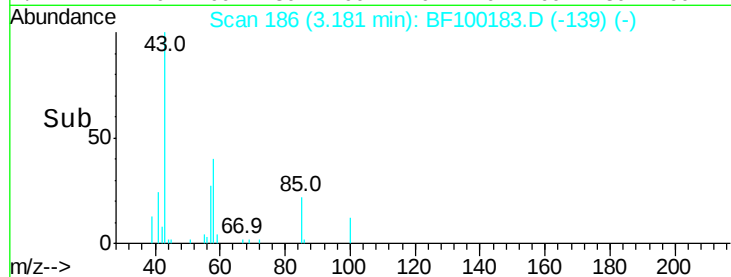
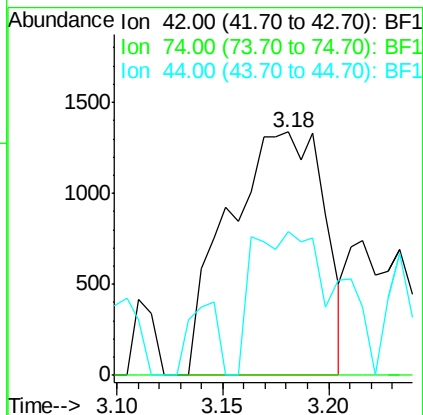
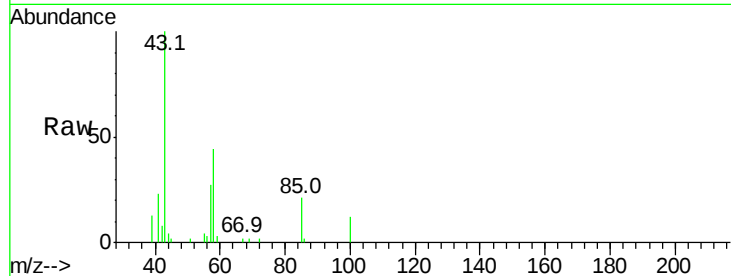


#4

n-Nitrosodimethylamine
 Concen: 2.129 ng
 RT: 3.18 min Scan# 186
 Delta R.T. -0.02 min
 Lab File: BF100183.D
 Acq: 4 Nov 2017 17:23

Instrument :
 BNA_F
 ClientSampled :

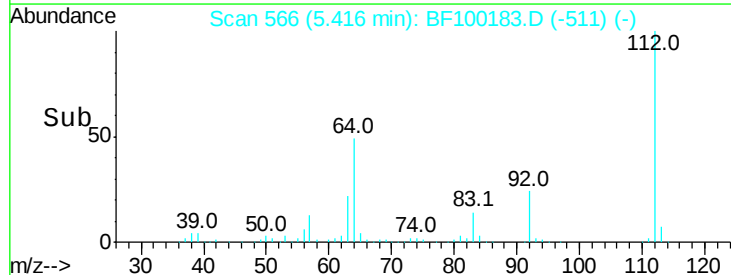
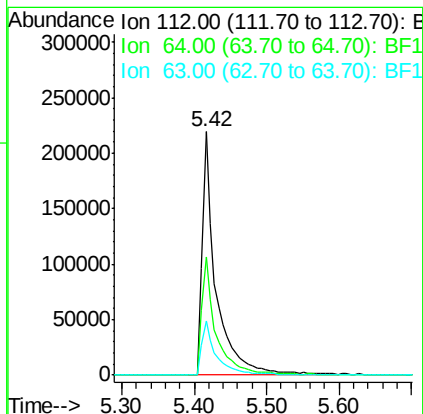
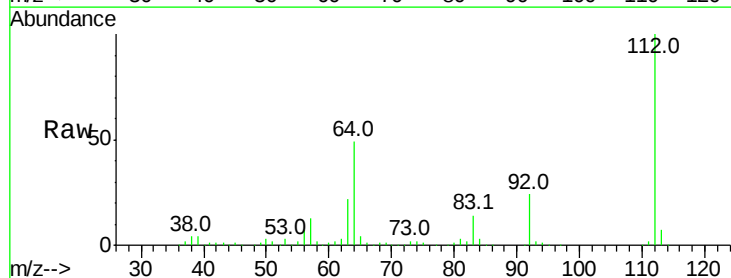
Tot Ion: 42 Resp: 4227
 Ion Ratio Lower Upper
 42 100
 74 0.0 104.9 157.3#
 44 59.2 6.9 10.3#

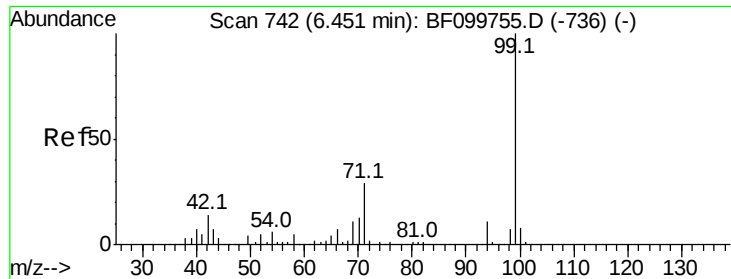


#5

2-Fluorophenol
 Concen: 55.388 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.02 min
 Lab File: BF100183.D
 Acq: 4 Nov 2017 17:23

Tgt Ion: 112 Resp: 289875
 Ion Ratio Lower Upper
 112 100
 64 48.5 47.9 71.9
 63 22.4 23.7 35.5#





#7

Phenol-d6

Concen: 45.359 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.05 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

Instrument :

BNA_F

ClientSampleId :

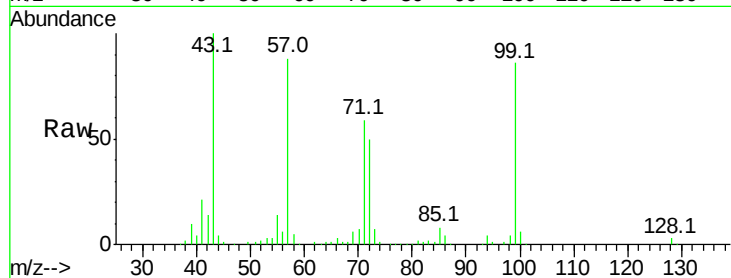
Tot Ion: 99 Resp: 281478

Ion Ratio Lower Upper

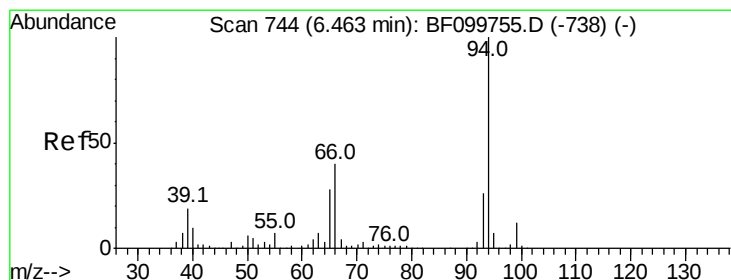
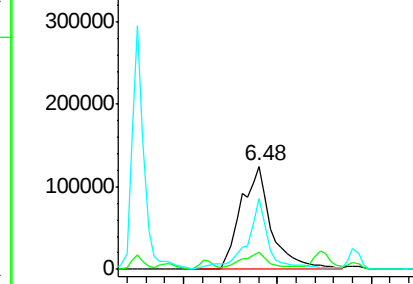
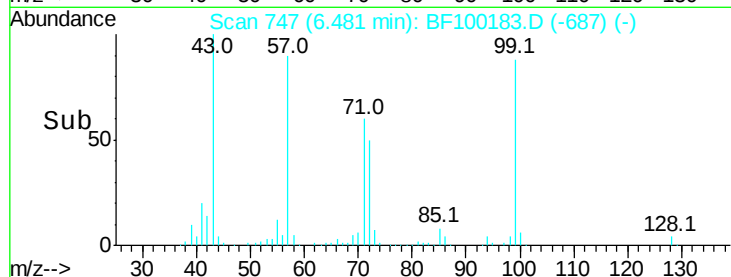
99 100

42 16.6 14.5 21.7

71 68.9 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.893 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

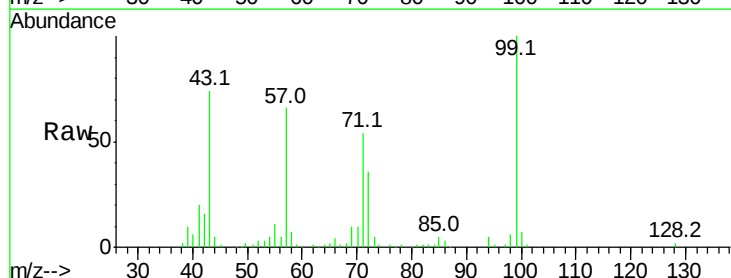
Tgt Ion: 94 Resp: 19714

Ion Ratio Lower Upper

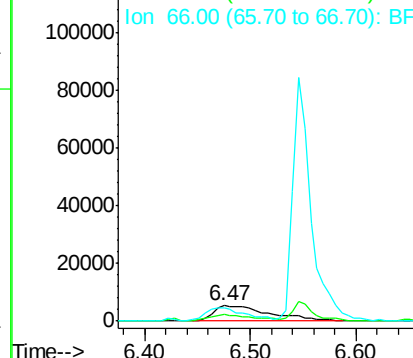
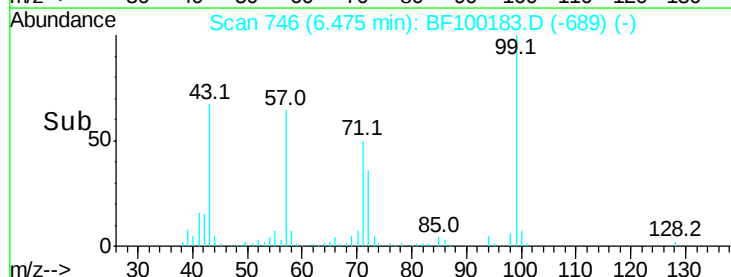
94 100

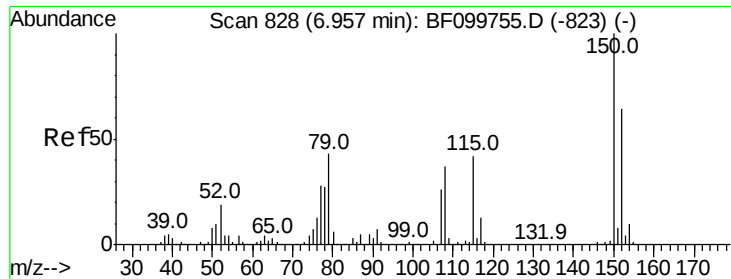
65 40.0 7.9 47.9

66 81.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 2.084 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

Instrument :

BNA_F

ClientSampled :

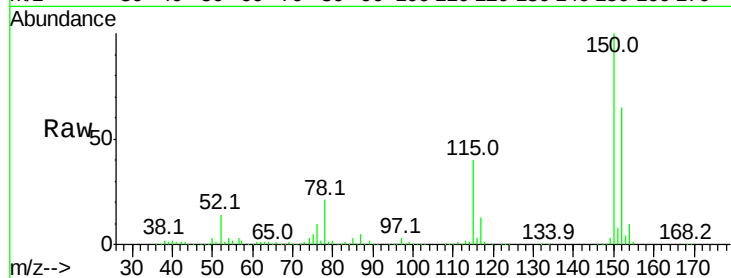
Tot Ion: 79 Resp: 8224

Ion Ratio Lower Upper

79 100

108 29.6 65.1 97.7#

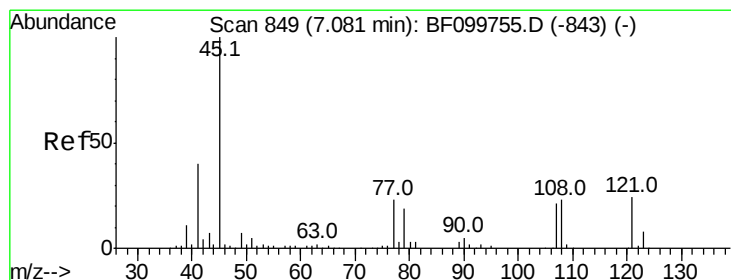
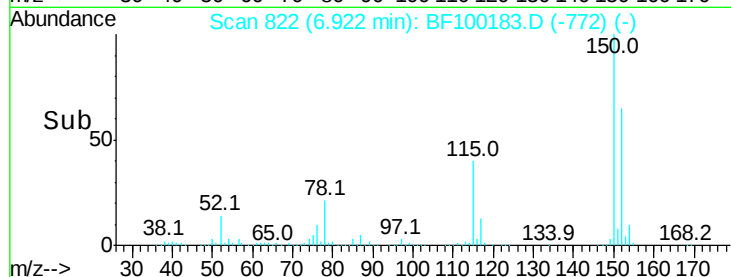
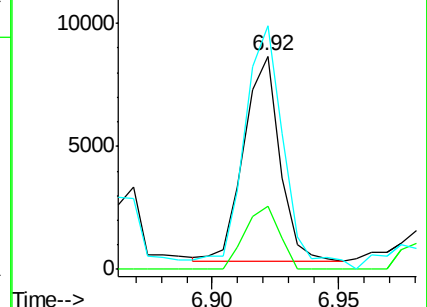
77 114.4 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.998 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.18 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

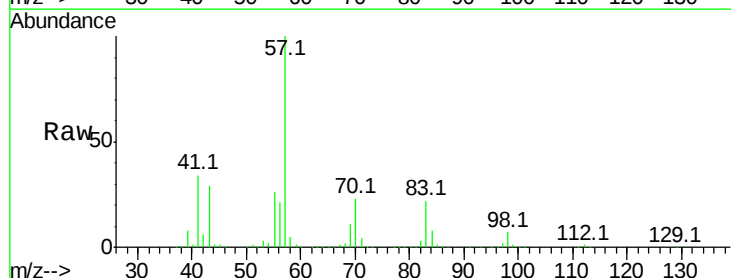
Tgt Ion: 45 Resp: 46746

Ion Ratio Lower Upper

45 100

77 16.8 0.0 32.9

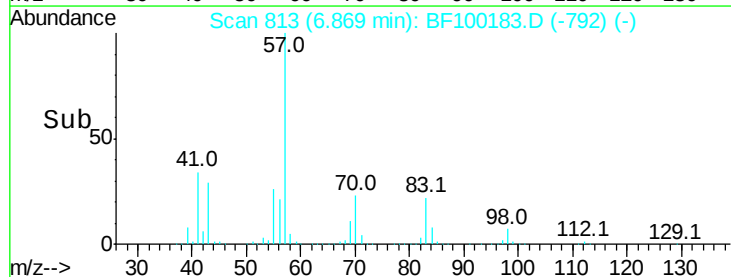
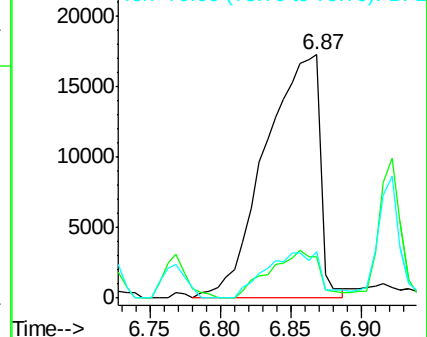
79 19.3 0.0 29.6

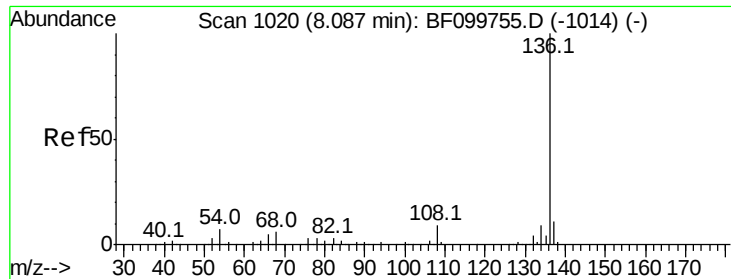


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 338479

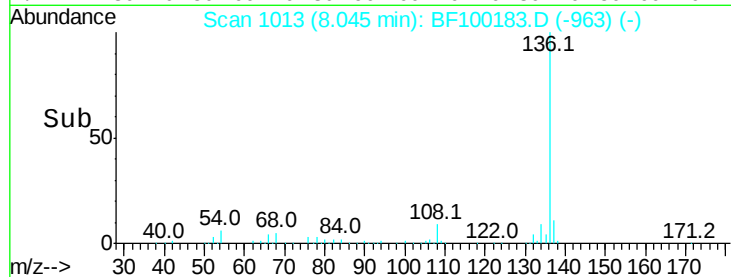
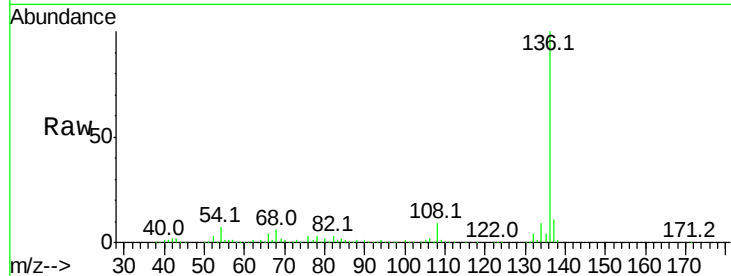
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

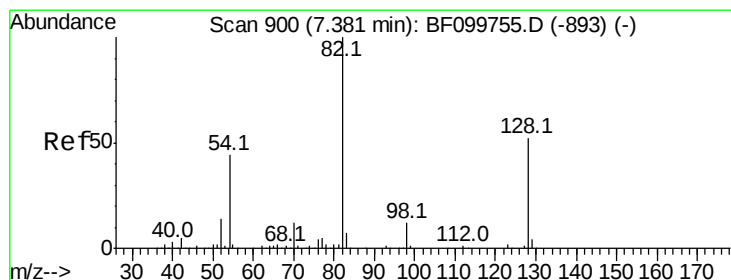
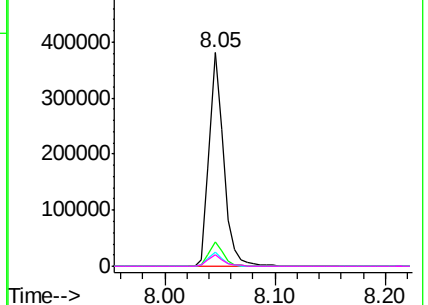


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 96.140 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

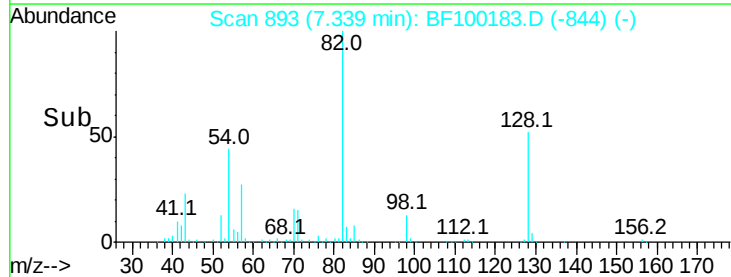
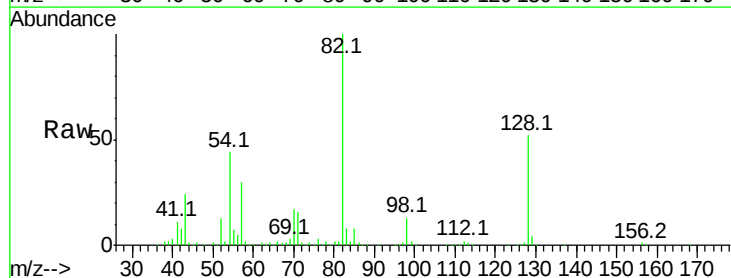
Tgt Ion: 82 Resp: 505455

Ion Ratio Lower Upper

82 100

128 52.4 36.1 54.1

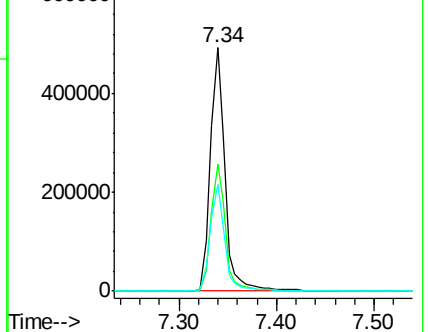
54 43.9 41.4 62.2

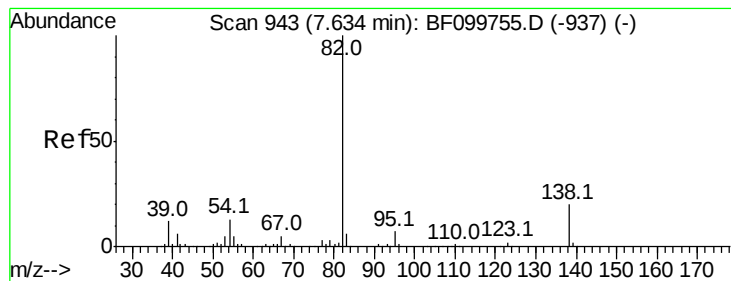


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.982 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

Instrument :

BNA_F

ClientSampleId :

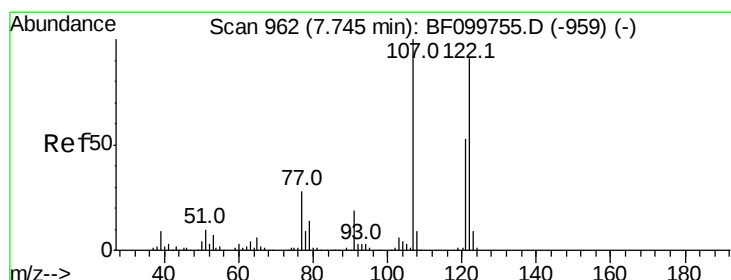
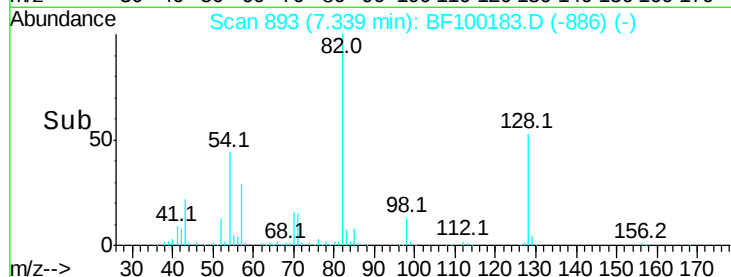
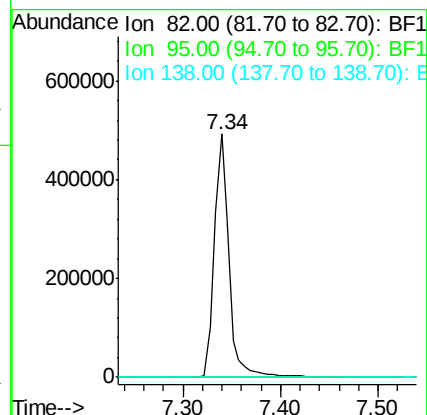
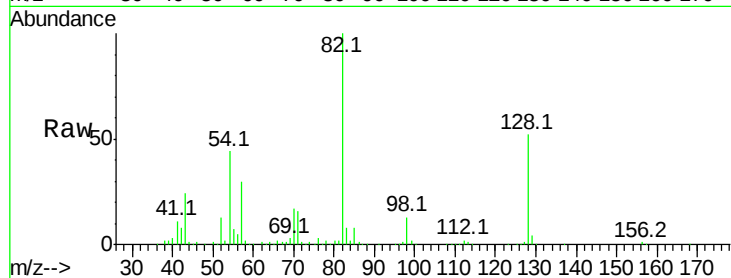
Tot Ion: 82 Resp: 505455

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

138 0.0 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 26.270 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.26 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

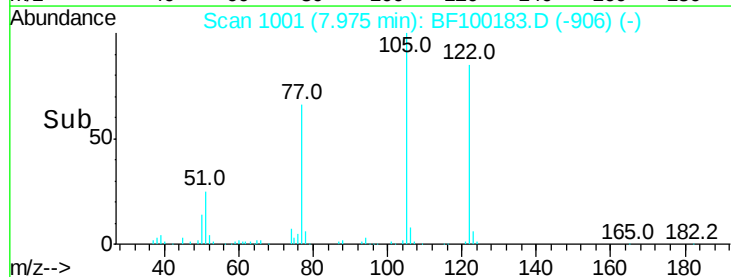
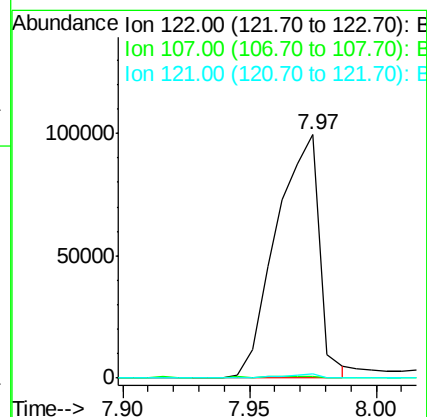
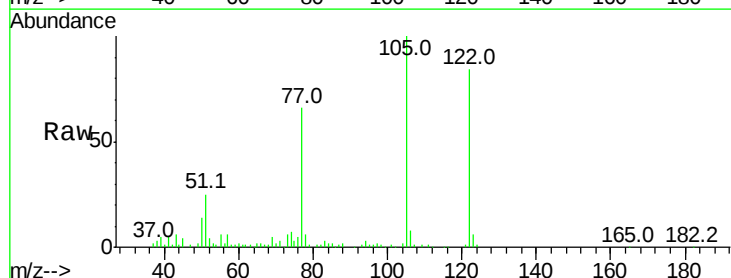
Tgt Ion:122 Resp: 117438

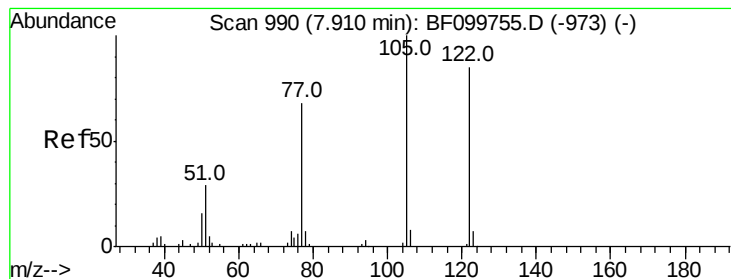
Ion Ratio Lower Upper

122 100

107 0.6 91.2 136.8#

121 1.5 47.2 70.8#





#32

Benzoic acid

Concen: 32.840 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.07 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

Instrument :

BNA_F

ClientSampleId :

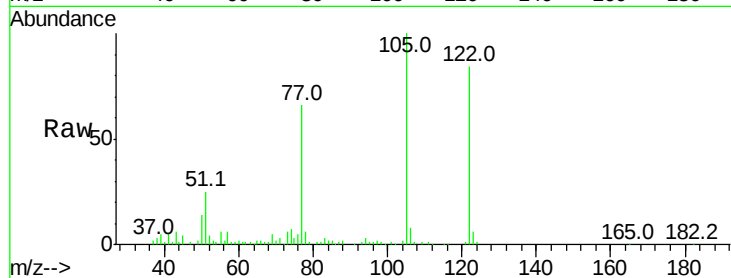
Tot Ion:122 Resp: 129224

Ion Ratio Lower Upper

122 100

105 118.5 101.1 141.1

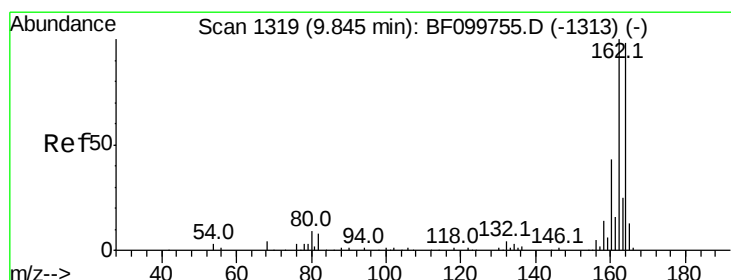
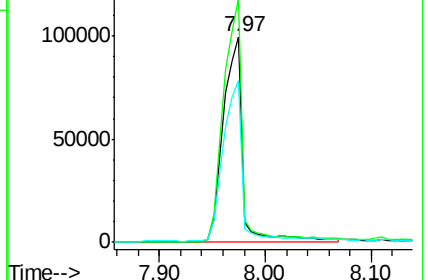
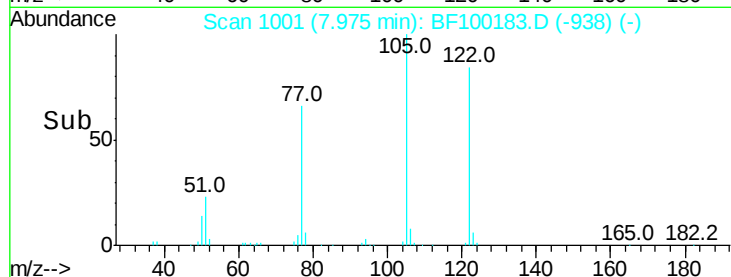
77 78.8 70.7 110.7



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): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

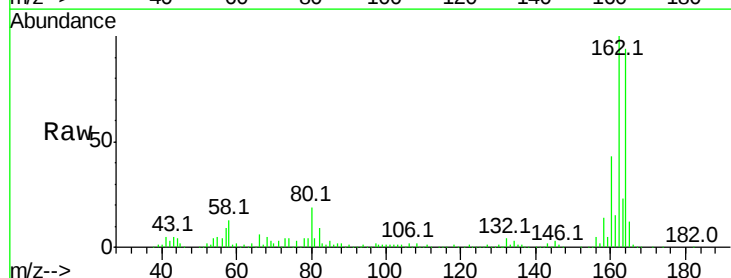
Tgt Ion:164 Resp: 148803

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

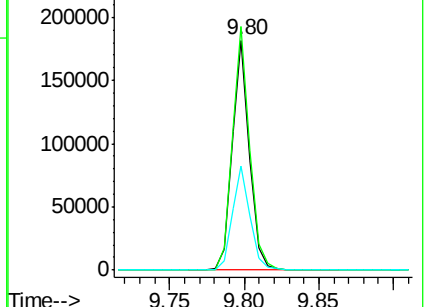
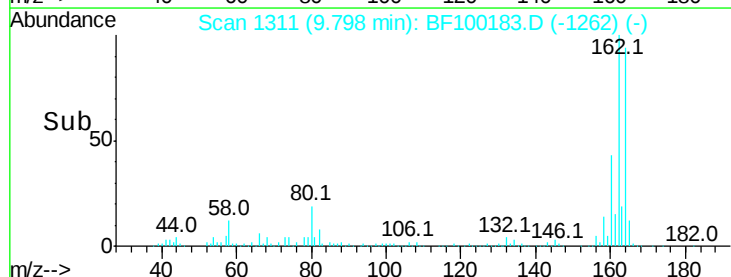
160 45.5 38.3 57.5

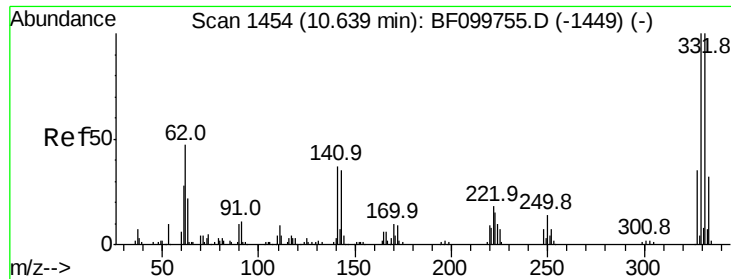


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

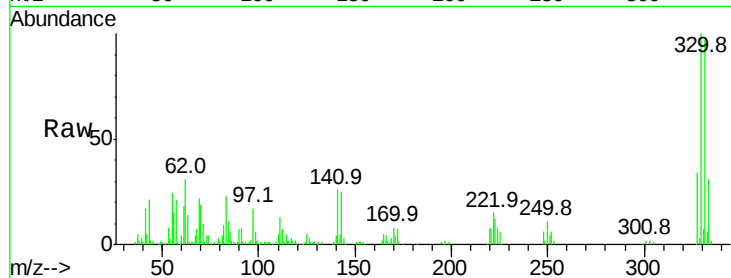




#41
 2,4,6-Tribromophenol
 Concen: 86.999 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100183.D
 Acq: 4 Nov 2017 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	332	141	Ratio	Lower	Upper
117977	100	98.3	32.3		77.0	115.6
					29.9	44.9

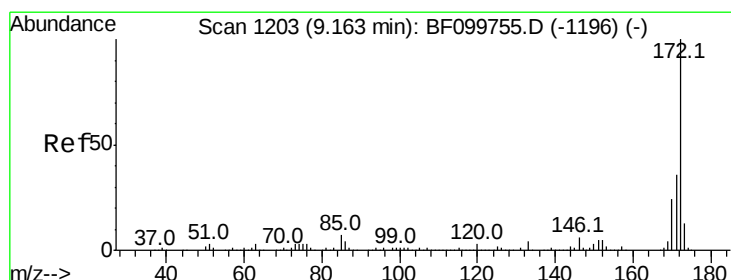
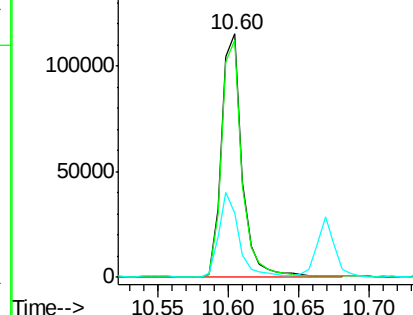
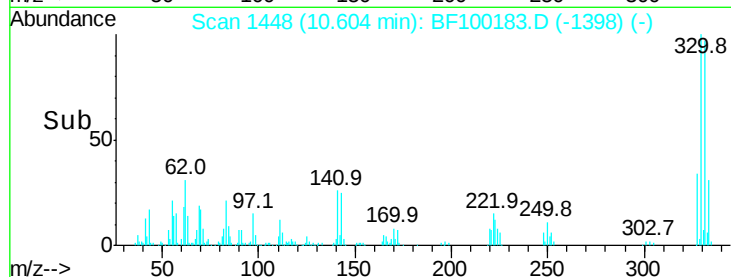


Abundance

Ion 329.80 (329.50 to 330.50): E

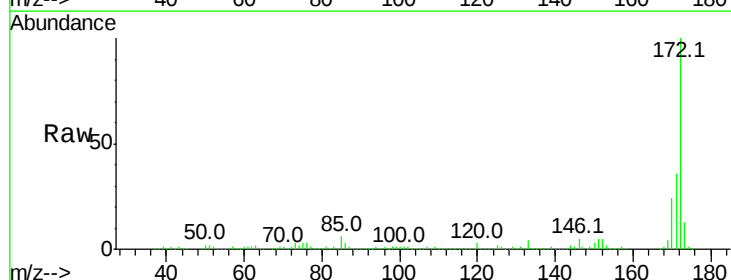
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.547 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100183.D
 Acq: 4 Nov 2017 17:23

Tgt Ion	172	171	170	Ratio	Lower	Upper
1046909	100	36.0	24.1		29.7	44.5
					19.6	29.4

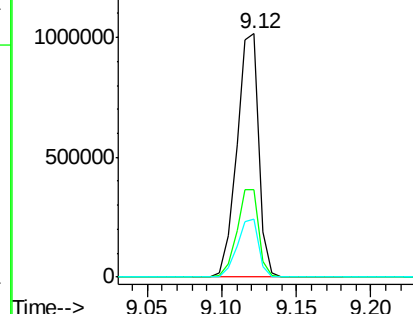
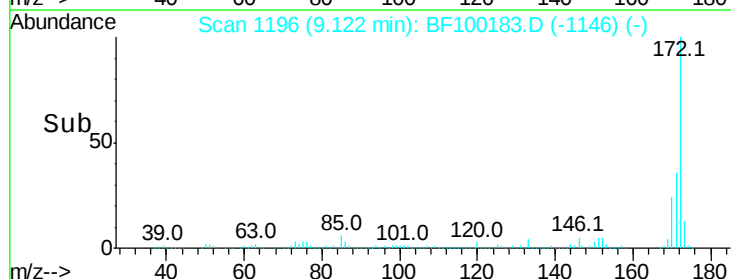


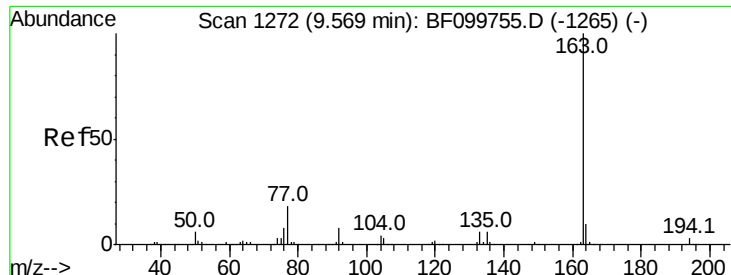
Abundance

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

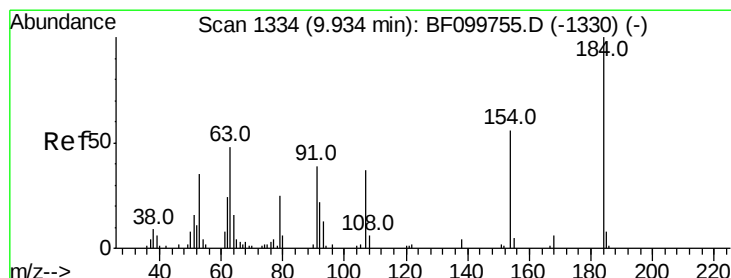
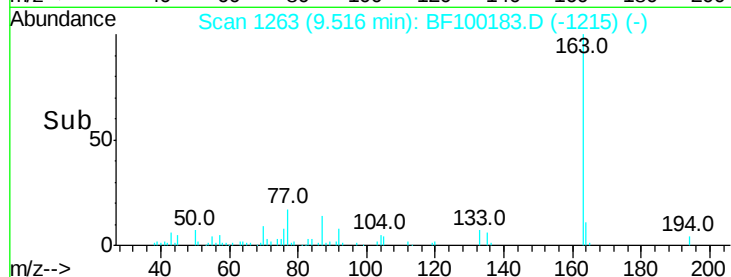
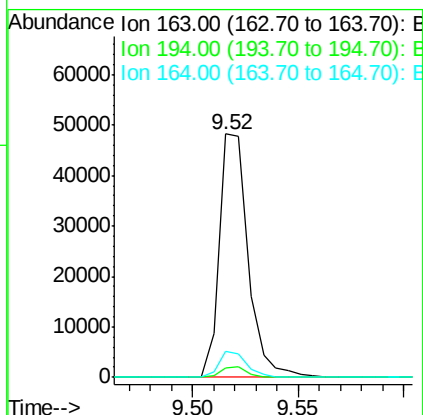
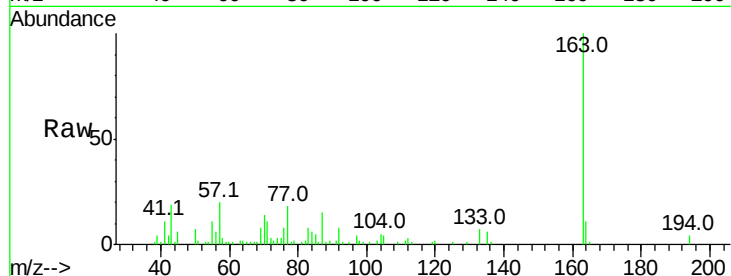




#49
Dimethylphthalate
Concen: 3.876 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

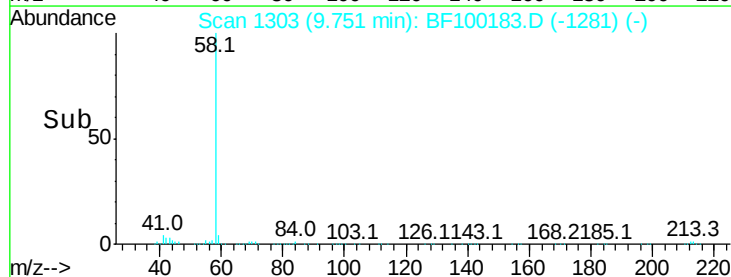
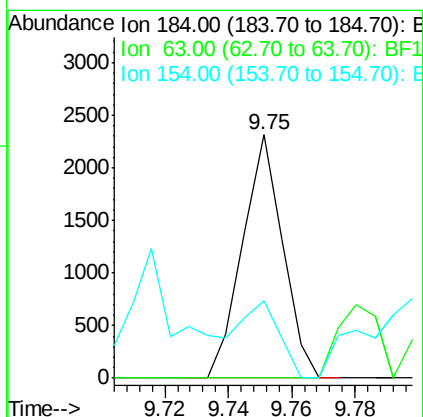
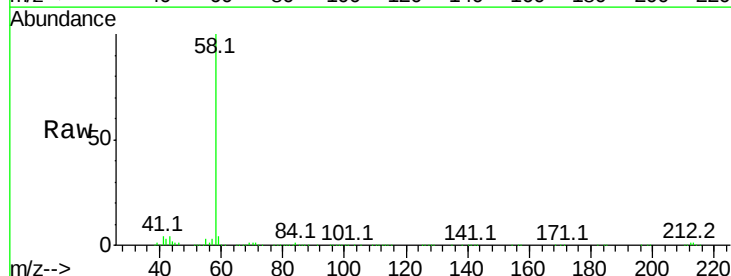
Instrument :
BNA_F
ClientSampleId :

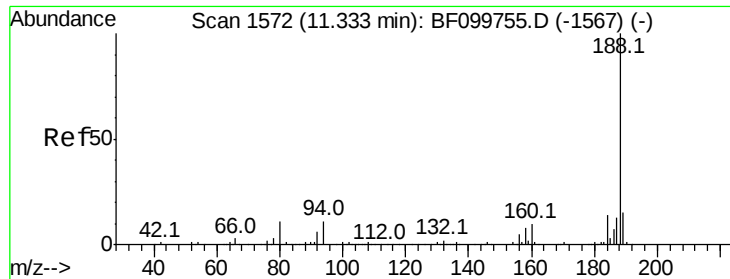
Tot Ion:163 Resp: 45671
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.6 8.2 12.2



#53
2,4-Dinitrophenol
Concen: 7.698 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.17 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:184 Resp: 2041
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 32.0 53.5 80.3#

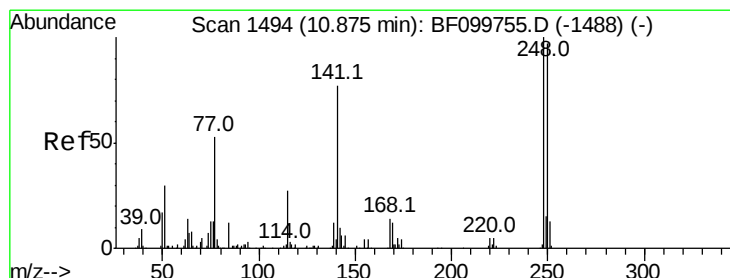
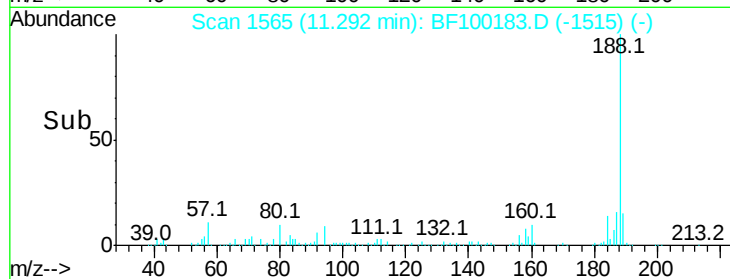
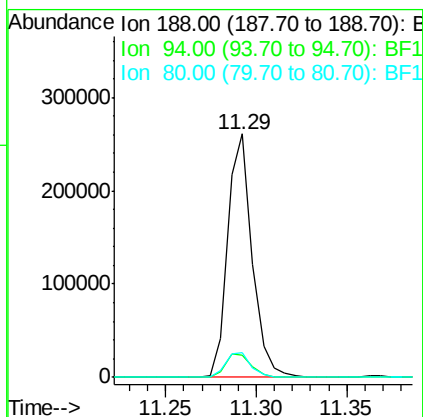
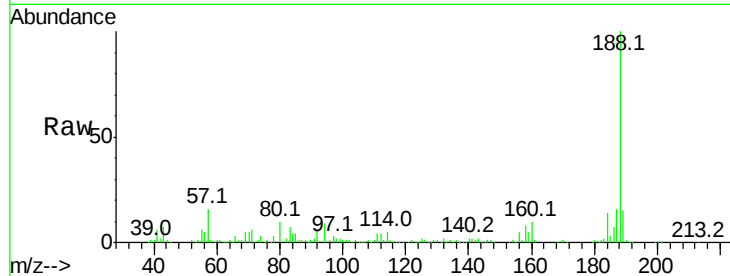




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

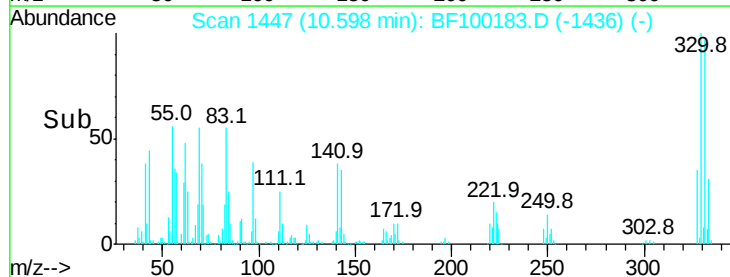
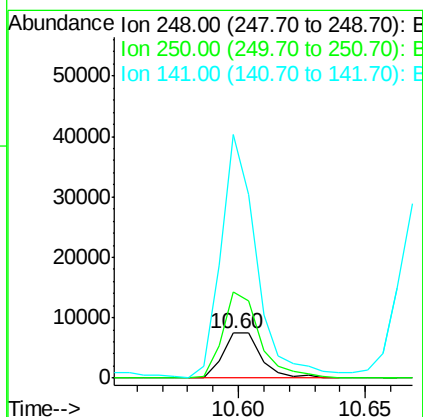
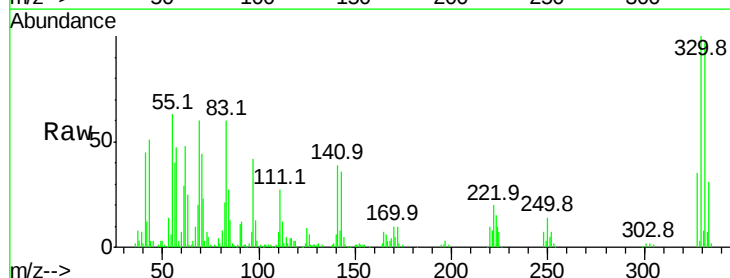
Instrument :
BNA_F
ClientSampleId :

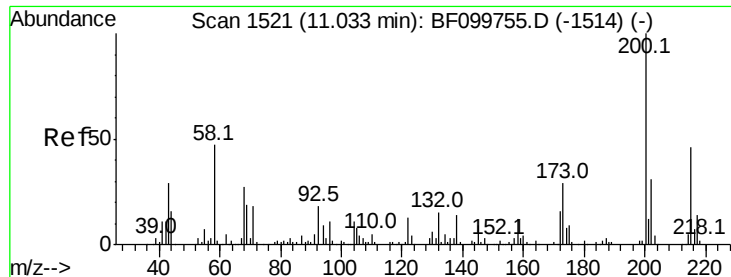
Tot Ion:188 Resp: 245640
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 10.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.990 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.24 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:248 Resp: 7731
Ion Ratio Lower Upper
248 100
250 191.1 76.9 115.3#
141 539.4 74.4 111.6#

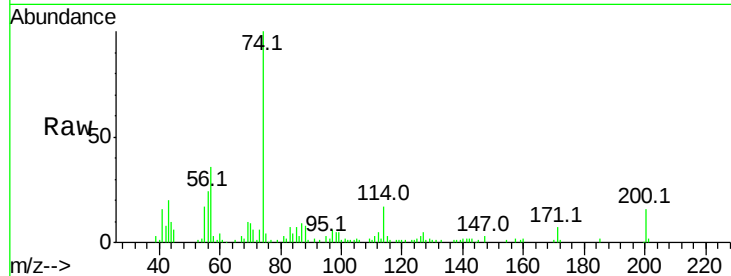




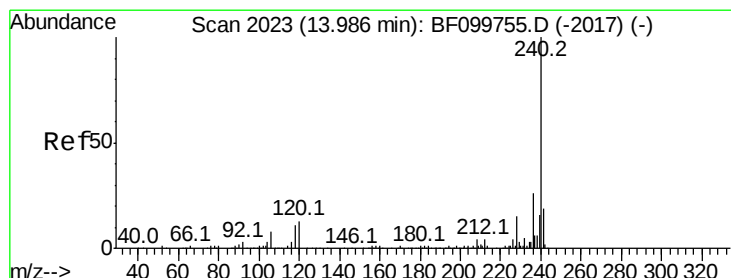
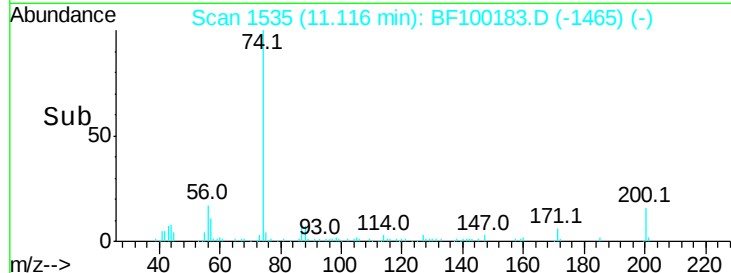
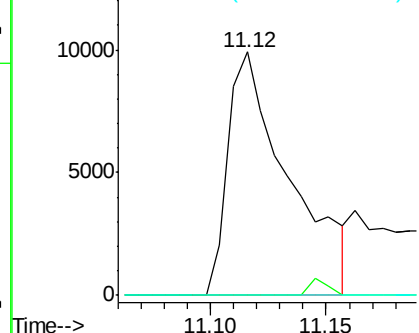
#68
Atrazine
Concen: 6.685 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.11 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 18208
Ion Ratio Lower Upper
200 100
173 0.0 8.6 48.6#
215 0.0 25.1 65.1#

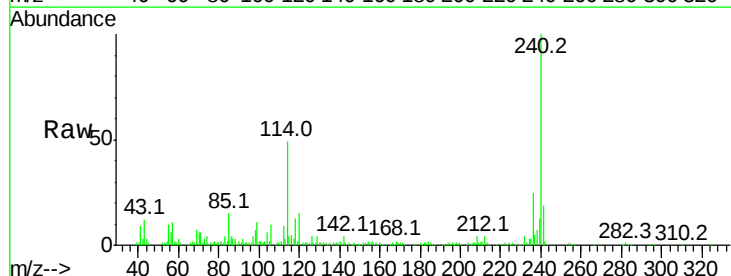


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

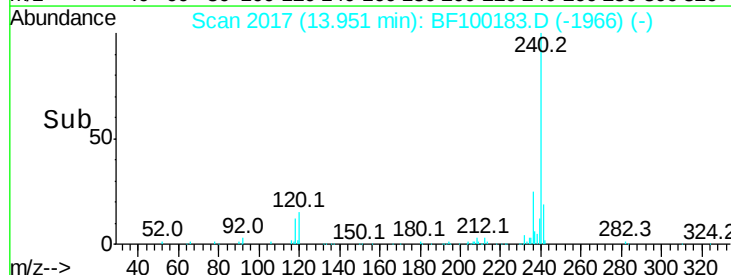
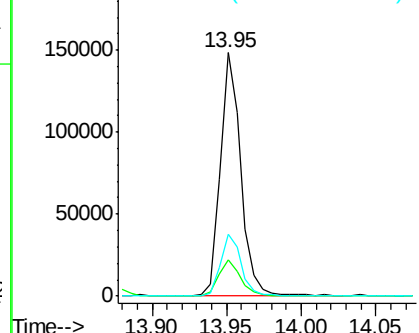


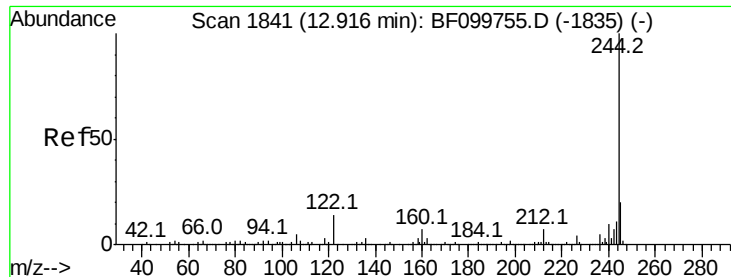
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:240 Resp: 140237
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 25.4 20.7 31.1



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





#78

Terphenyl-d14

Concen: 107.356 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

Instrument :

BNA_F

ClientSampleId :

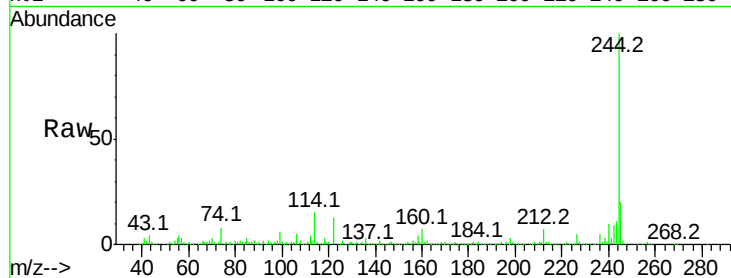
Tot Ion:244 Resp: 688909

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

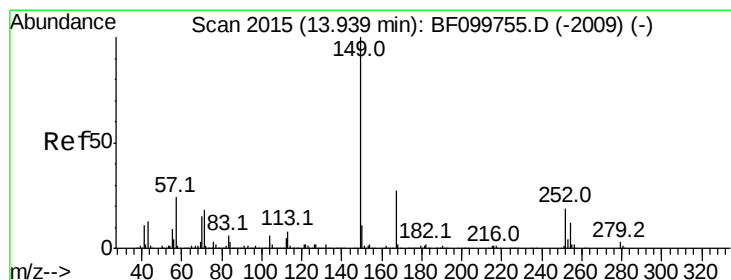
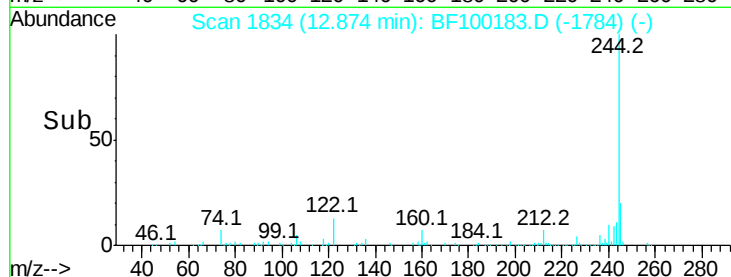
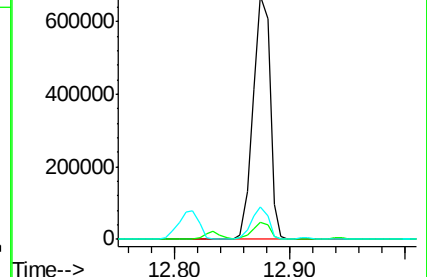
122 13.4 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.729 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF100183.D

Acq: 4 Nov 2017 17:23

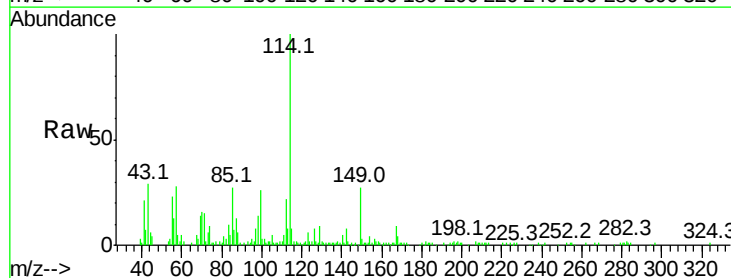
Tgt Ion:149 Resp: 20122

Ion Ratio Lower Upper

149 100

167 31.4 21.3 31.9

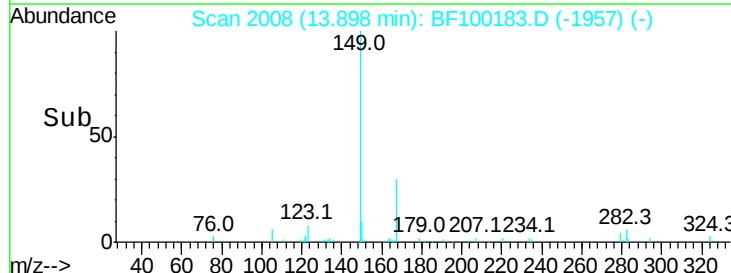
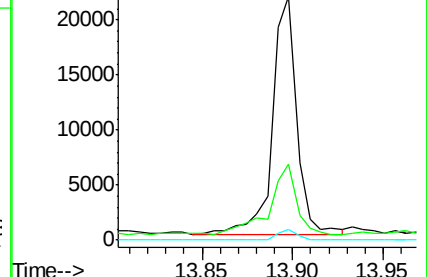
279 4.3 3.0 4.4

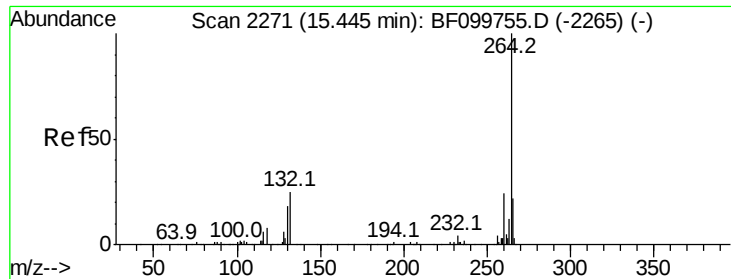


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3

