

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101176.D
 Acq On : 6 Dec 2017 19:06
 Operator : SJ/JU
 Sample : I6685-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-120517-A

Quant Time: Dec 06 23:51:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

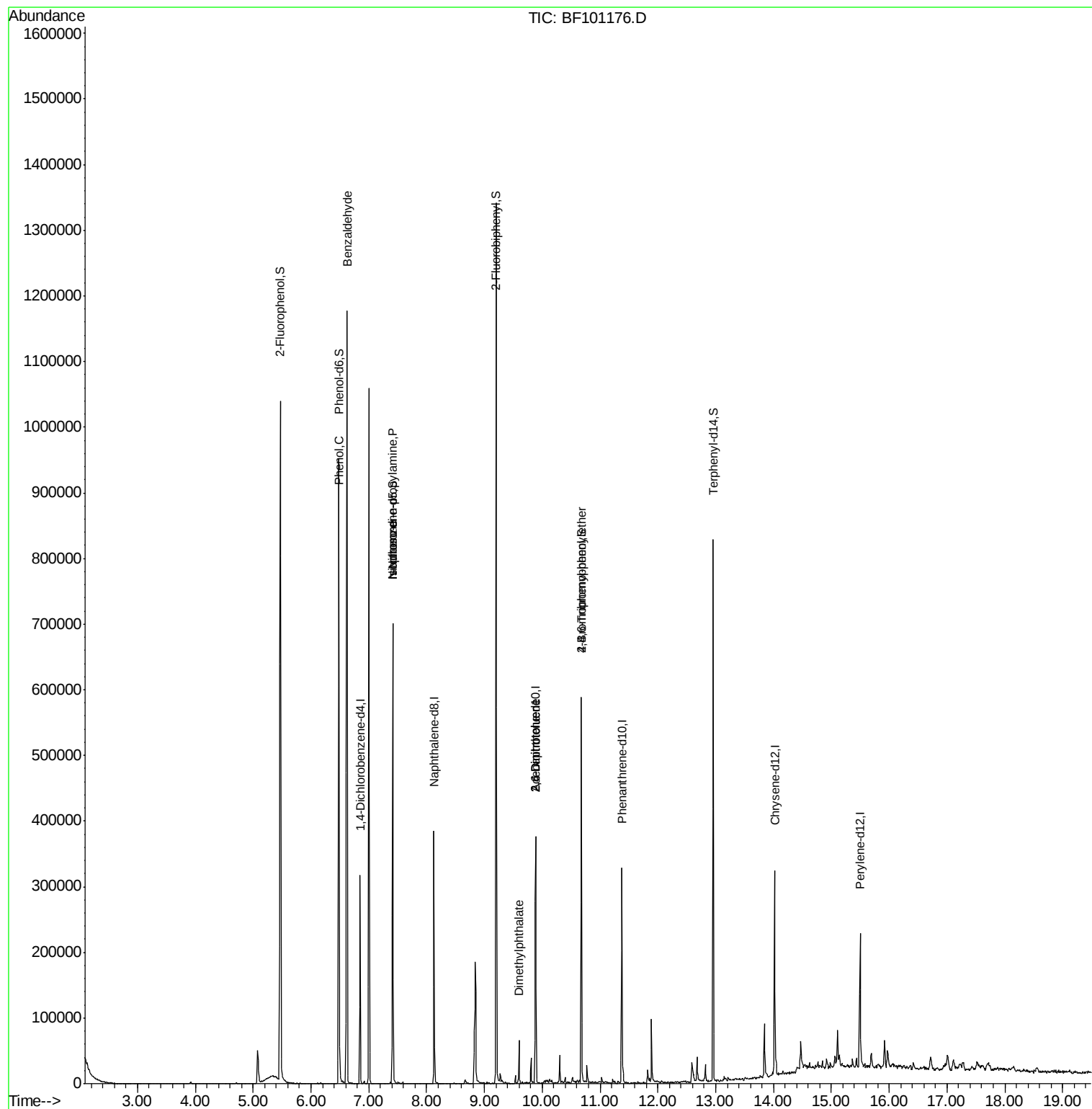
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	46225	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	171258	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	70352	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	112958	20.00	ng	0.00
75) Chrysene-d12	14.02	240	103692	20.00	ng	0.00
86) Perylene-d12	15.50	264	98758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	299023	106.89	ng	0.00
7) Phenol-d6	6.48	99	355972	104.81	ng	0.00
23) Nitrobenzene-d5	7.42	82	212600	74.05	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	71930	85.11	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	391819	76.20	ng	0.00
78) Terphenyl-d14	12.96	244	264420	55.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	6632	3.190	ng	89
10) Phenol	6.49	94	12158	3.219	ng	85
19) n-Nitroso-di-n-propylamine	7.42	70	28394	12.414	ng	# 78
25) Isophorone	7.42	82	212596	43.353	ng	# 64
49) Dimethylphthalate	9.60	163	24420	4.304	ng	98
50) 2,6-Dinitrotoluene	9.89	165	9177	7.679	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	9177	5.730	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	4378	3.463	ng	# 1

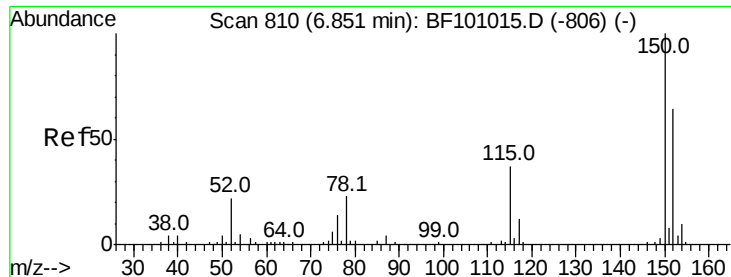
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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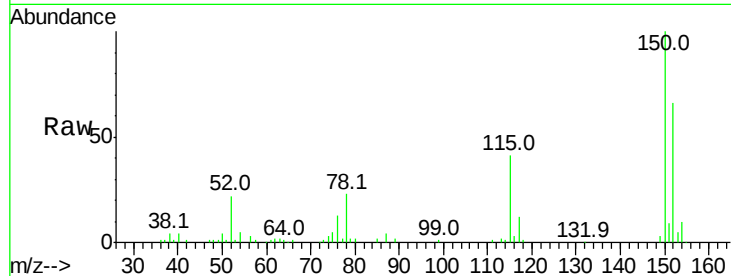


#1

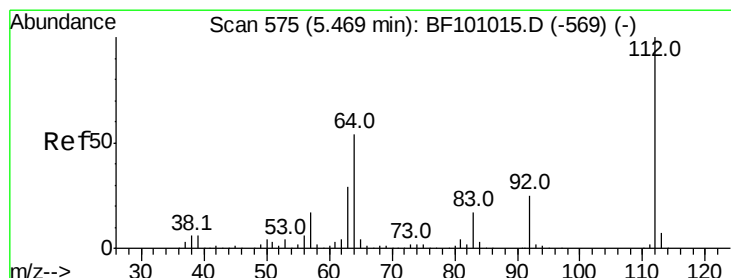
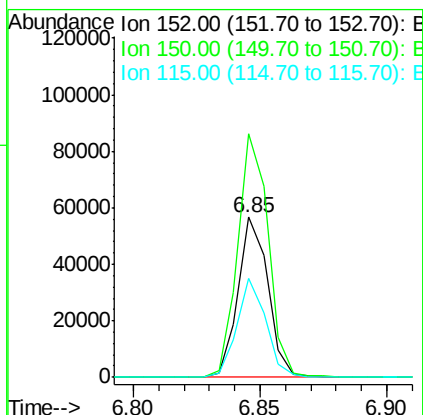
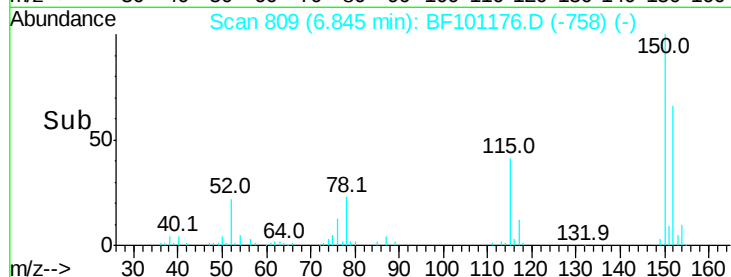
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101176.D
Acq: 6 Dec 2017 19:06

Instrument :
BNA_F
ClientSampleId :
AU-06-120517-A

Tot Ion:152 Resp: 46225
Ion Ratio Lower Upper
152 100
150 152.1 124.6 186.8
115 62.0 50.1 75.1



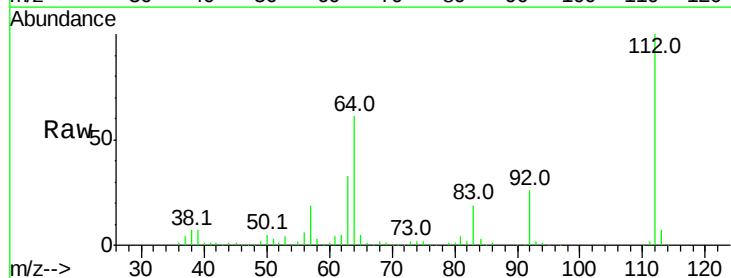
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



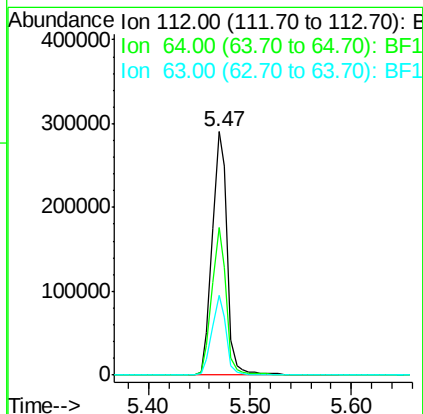
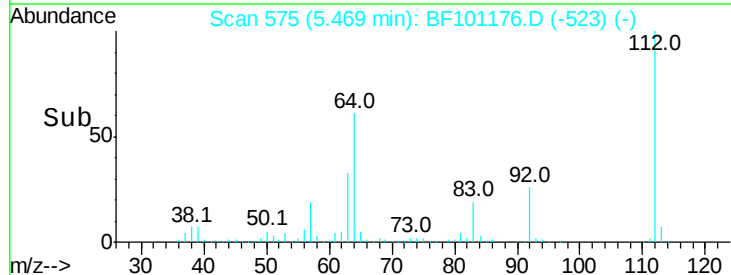
#5

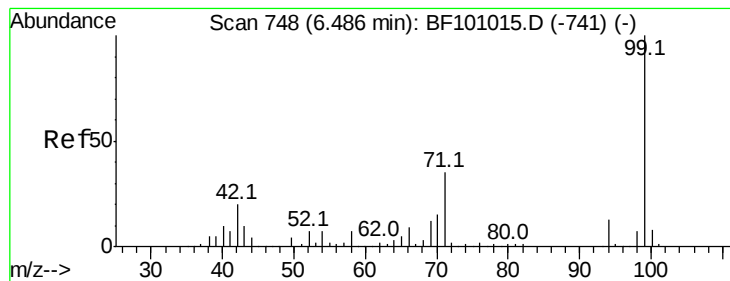
2-Fluorophenol
Concen: 106.894 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101176.D
Acq: 6 Dec 2017 19:06

Tgt Ion:112 Resp: 299023
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.812 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

Instrument :

BNA_F

ClientSampleId :

AU-06-120517-A

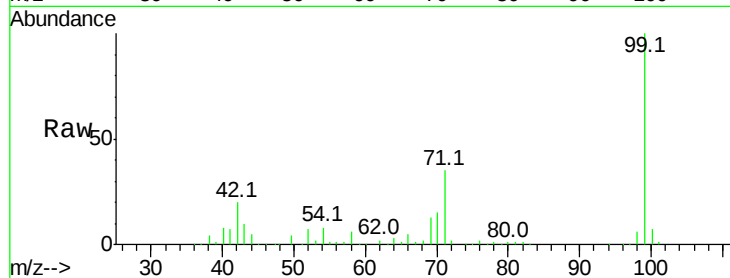
Tot Ion: 99 Resp: 355972

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

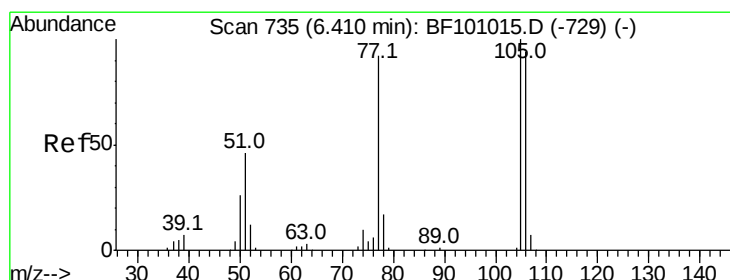
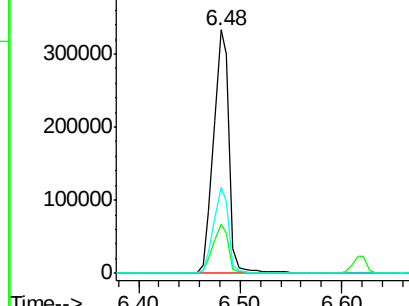
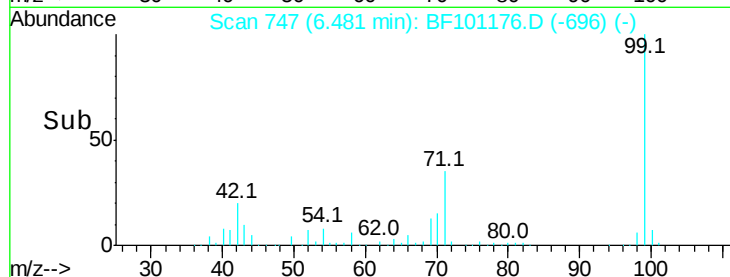
71 35.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.190 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

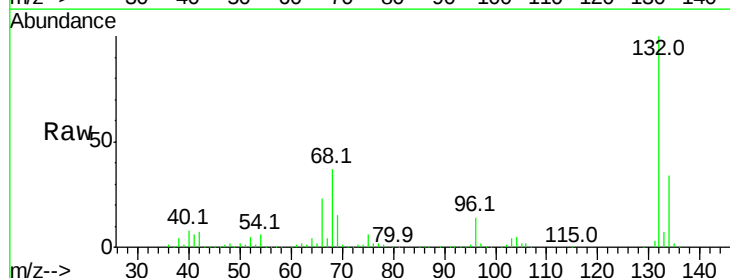
Tgt Ion: 77 Resp: 6632

Ion Ratio Lower Upper

77 100

105 93.4 81.1 121.1

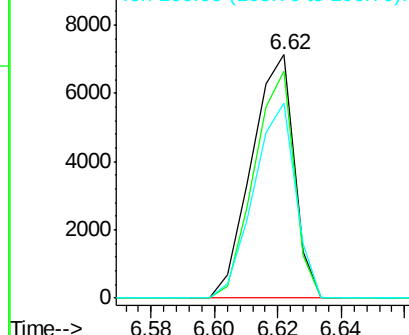
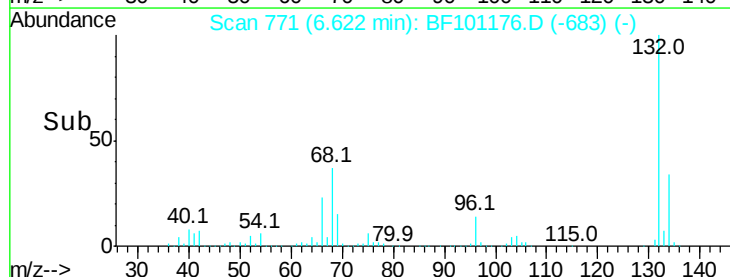
106 80.1 74.5 114.5

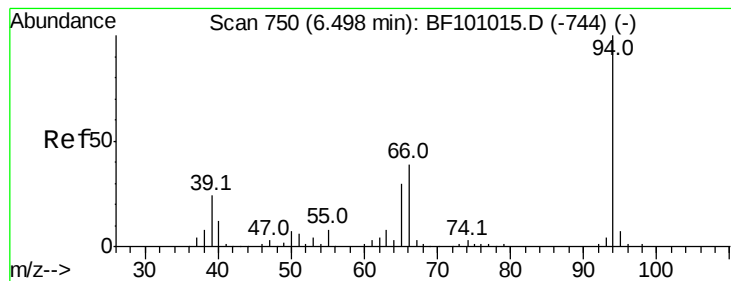


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.219 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

Instrument :

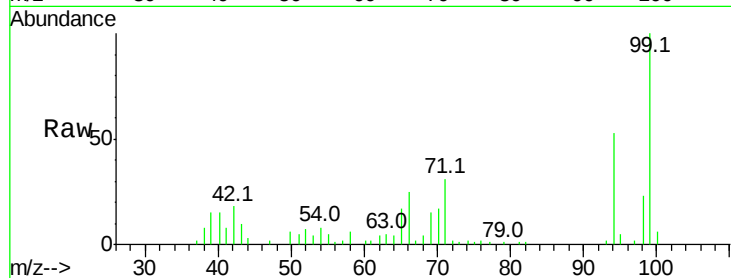
BNA_F

ClientSampleId :

AU-06-120517-A

Tot Ion: 94 Resp: 12158

Ion	Ratio	Lower	Upper
94	100		
65	32.3	7.9	47.9
66	47.7	16.2	56.2

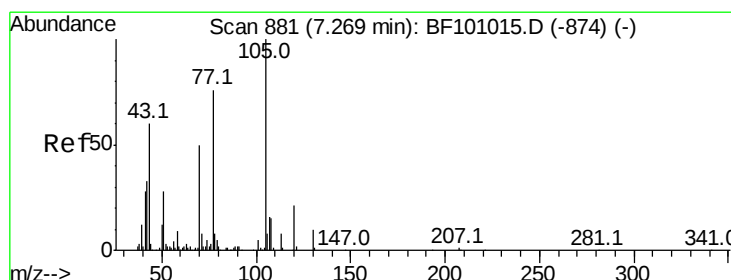
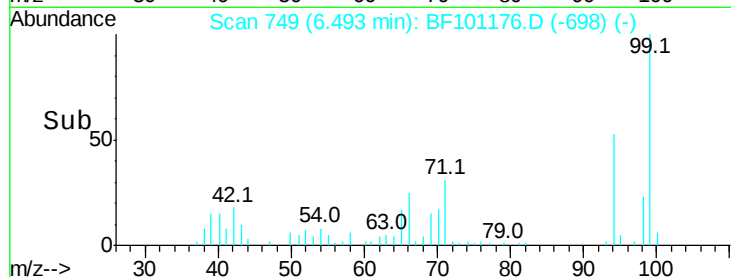
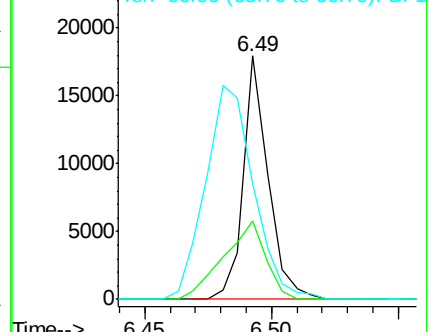


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 12.414 ng

RT: 7.42 min Scan# 906

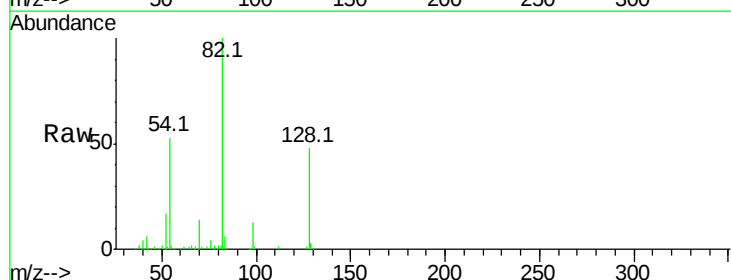
Delta R.T. 0.15 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

Tgt Ion: 70 Resp: 28394

Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



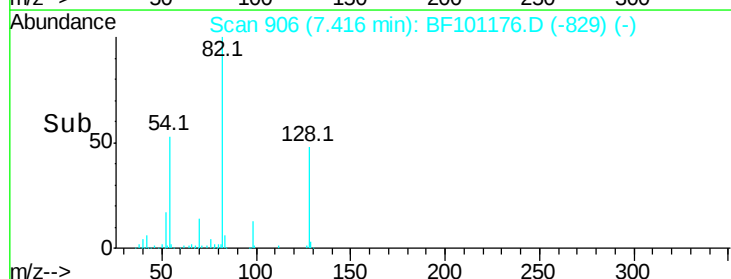
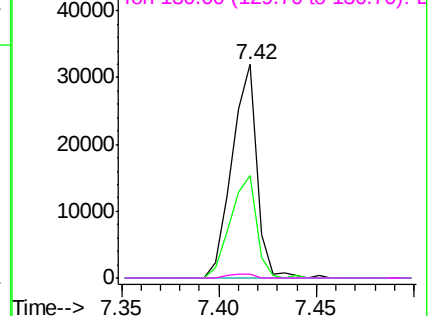
Abundance

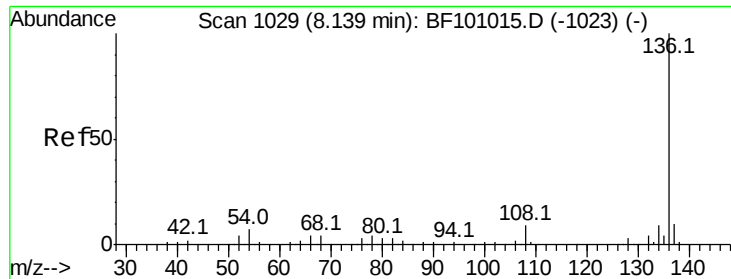
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

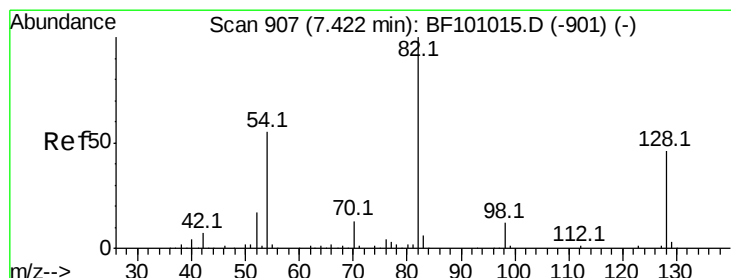
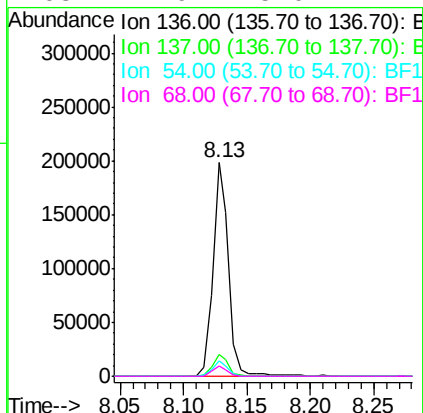
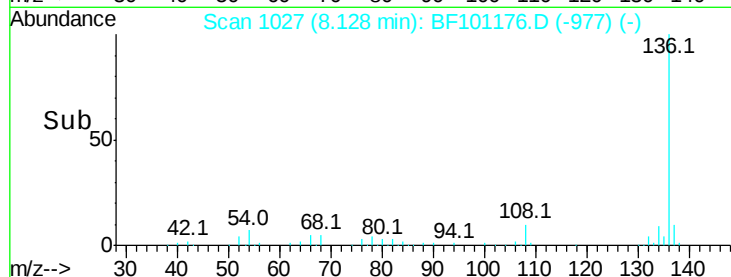
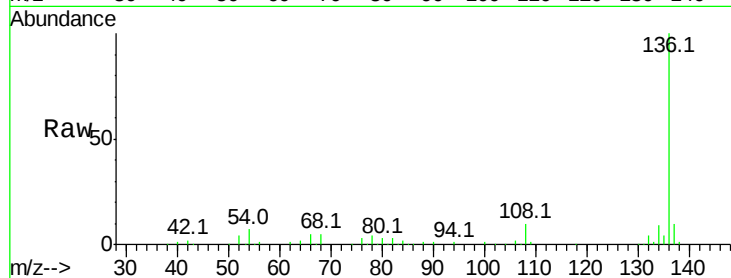




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101176.D
Acq: 6 Dec 2017 19:06

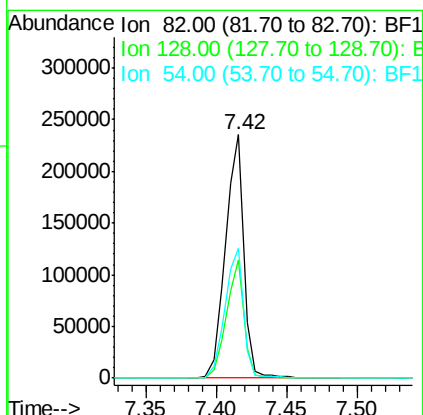
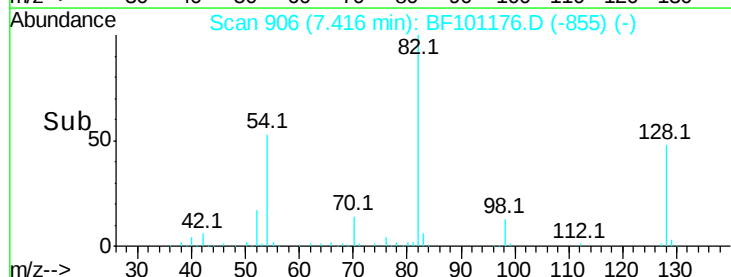
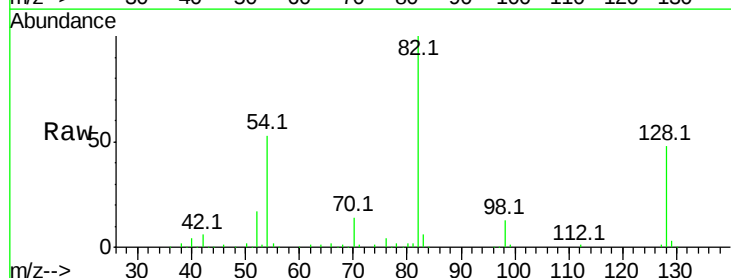
Instrument :
BNA_F
ClientSampleId :
AU-06-120517-A

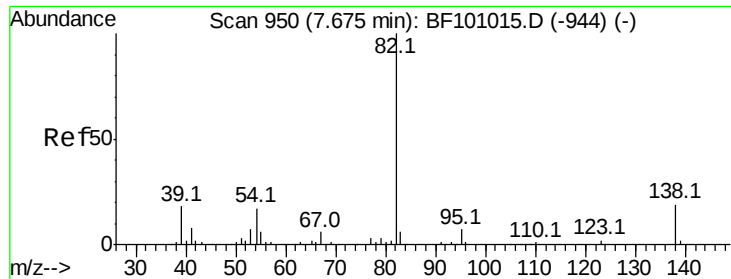
Tot Ion:	136	Resp:	171258
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.3	6.6	9.8
68	4.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 74.054 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101176.D
Acq: 6 Dec 2017 19:06

Tgt Ion:	82	Resp:	212600
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	53.2	41.4	62.2





#25

Isophorone

Concen: 43.353 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

Instrument :

BNA_F

ClientSampleId :

AU-06-120517-A

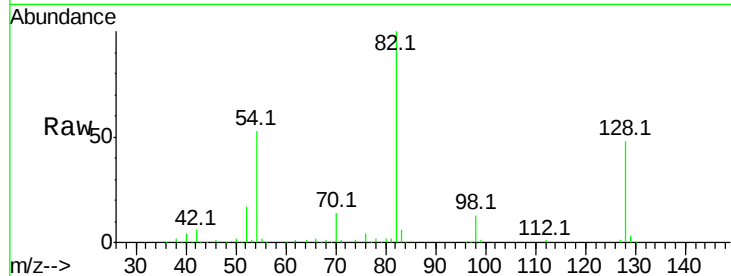
Tot Ion: 82 Resp: 212596

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

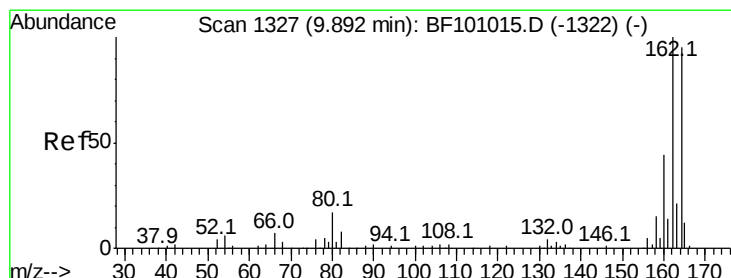
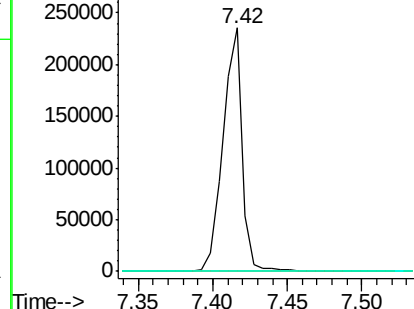
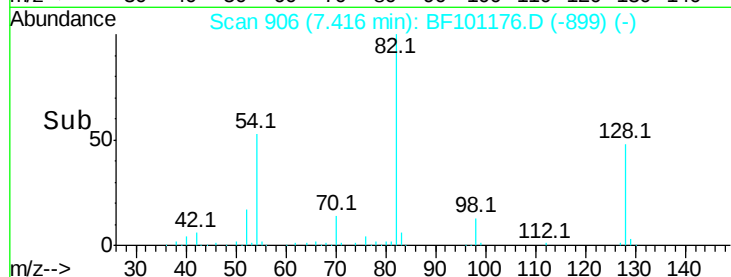
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

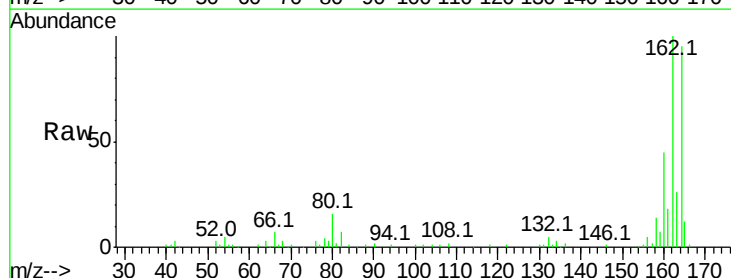
Tgt Ion:164 Resp: 70352

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

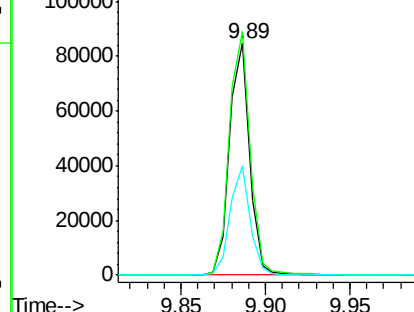
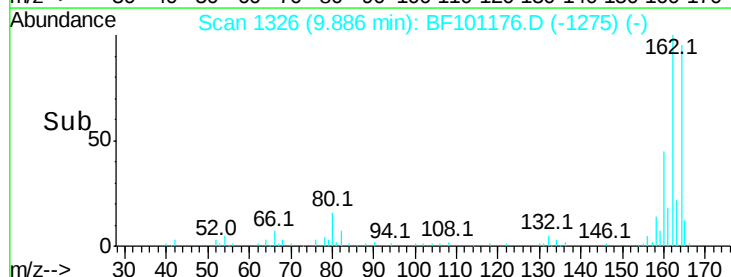
160 47.0 38.3 57.5

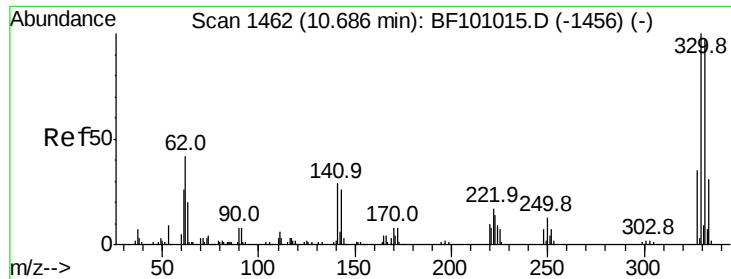


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 85.111 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

Instrument :

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ClientSampleId :

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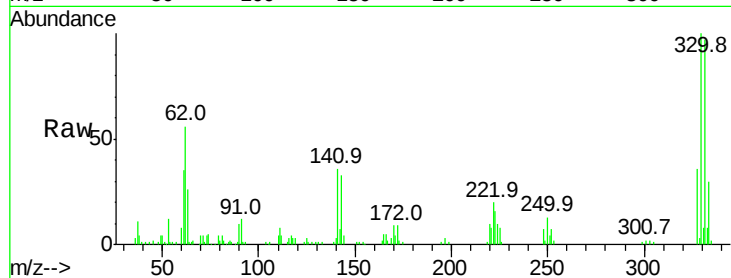
Tot Ion:330 Resp: 71930

Ion Ratio Lower Upper

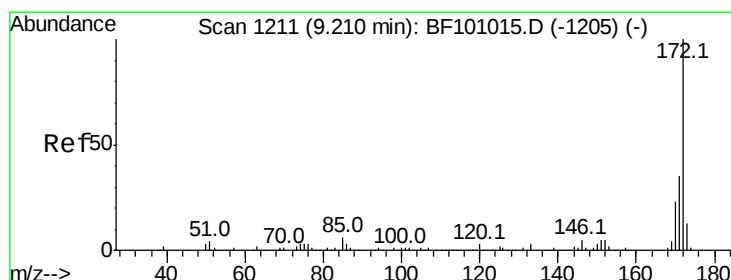
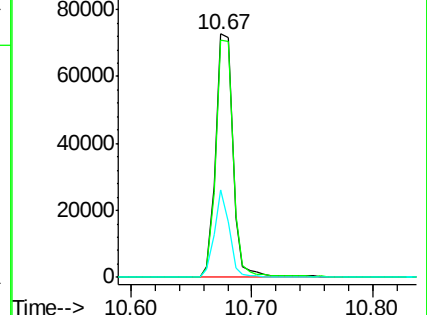
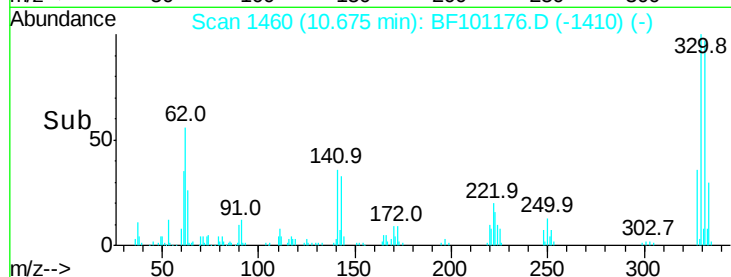
330 100

332 97.2 77.0 115.6

141 31.0 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: 76.201 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

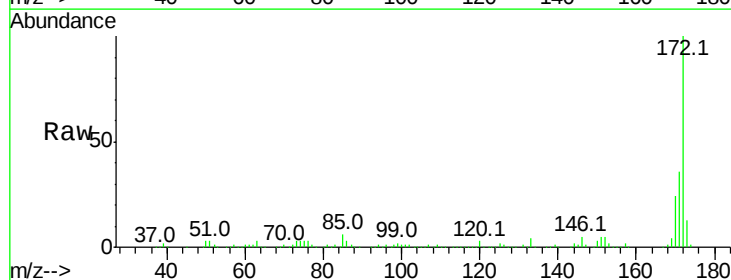
Tgt Ion:172 Resp: 391819

Ion Ratio Lower Upper

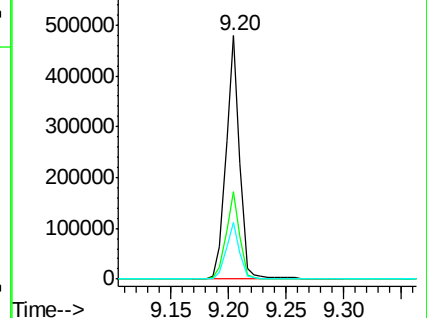
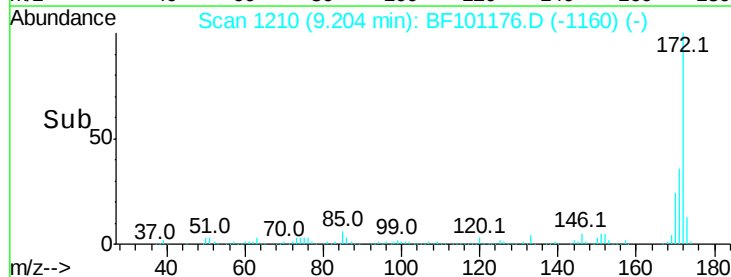
172 100

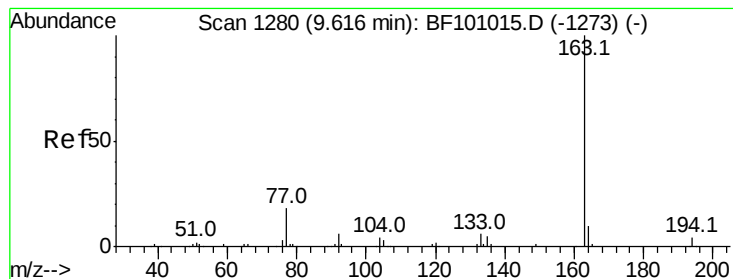
171 35.8 29.7 44.5

170 23.5 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: 4.304 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

Instrument :

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AU-06-120517-A

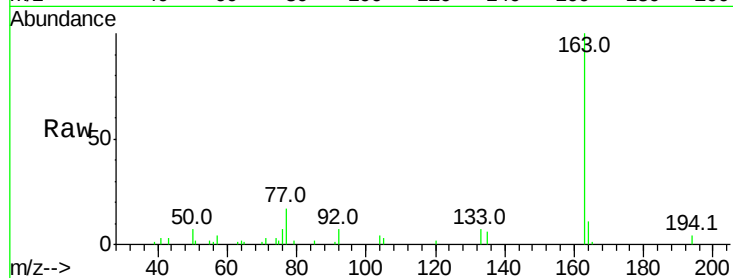
Tot Ion:163 Resp: 24420

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

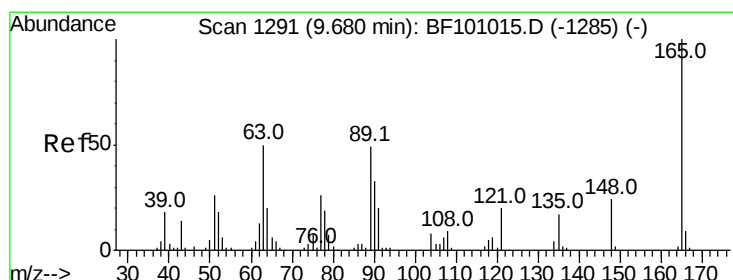
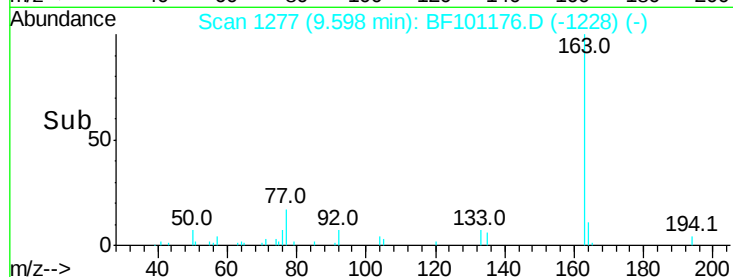
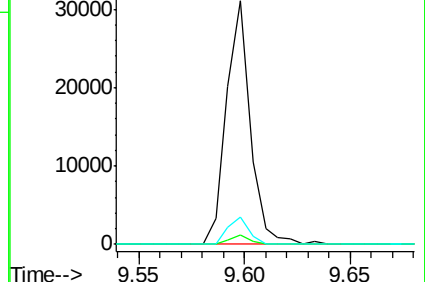
164 11.2 8.2 12.2



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: 7.679 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.21 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

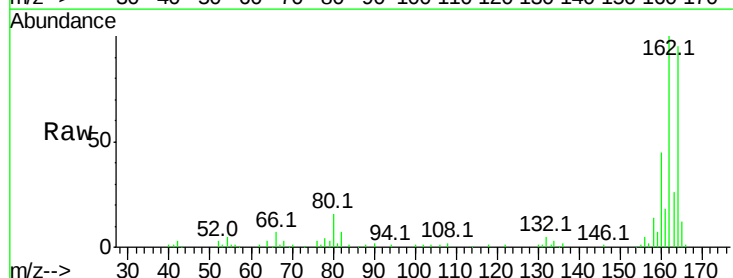
Tgt Ion:165 Resp: 9177

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

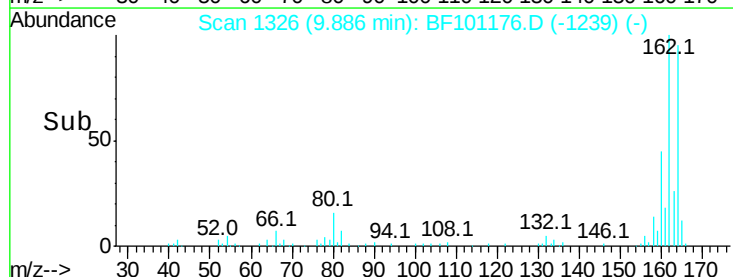
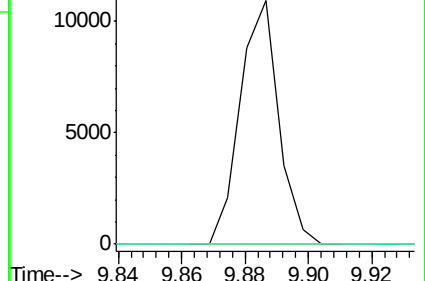
89 0.0 44.0 66.0#

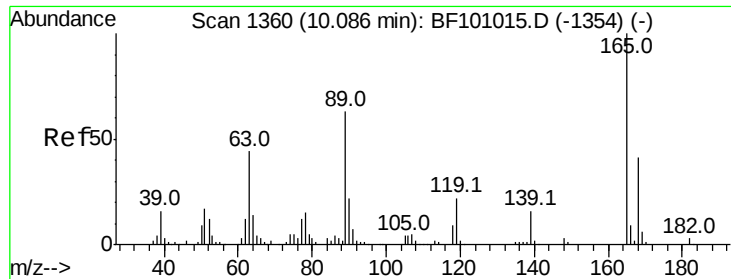


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

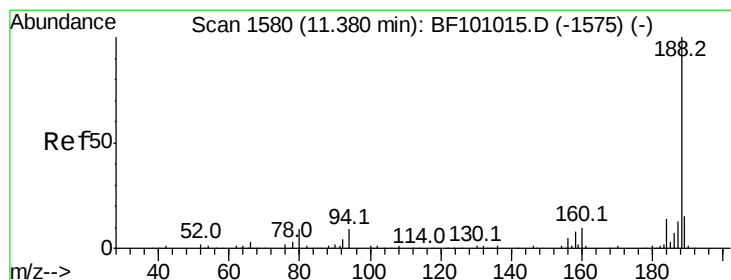
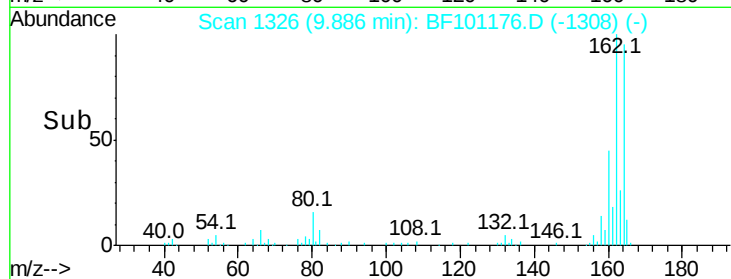
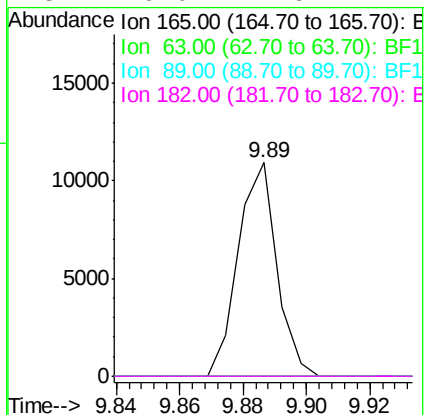
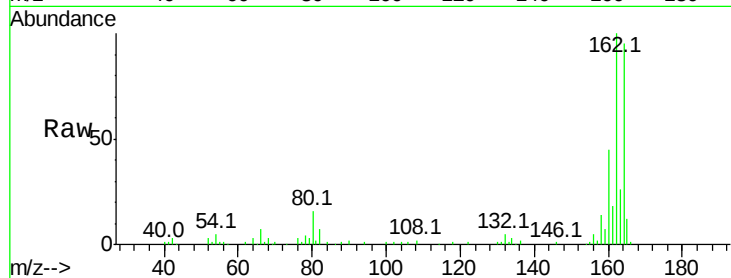




#56
 2,4-Dinitrotoluene
 Concen: 5.730 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101176.D
 Acq: 6 Dec 2017 19:06

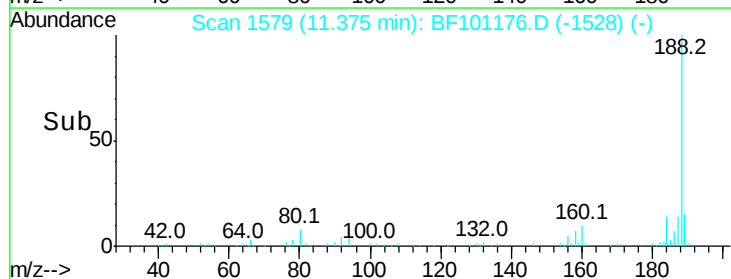
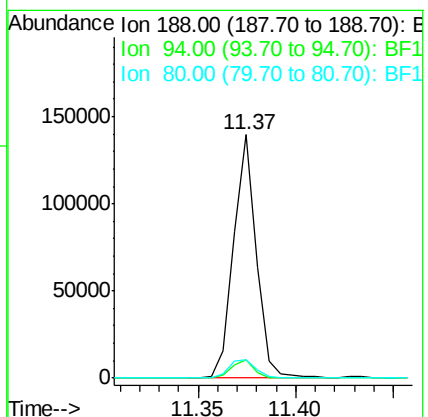
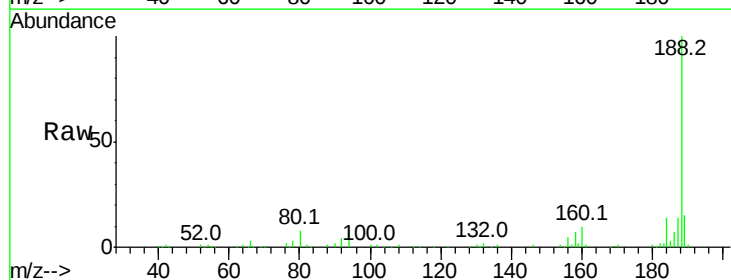
Instrument :
 BNA_F
 ClientSampleId :
 AU-06-120517-A

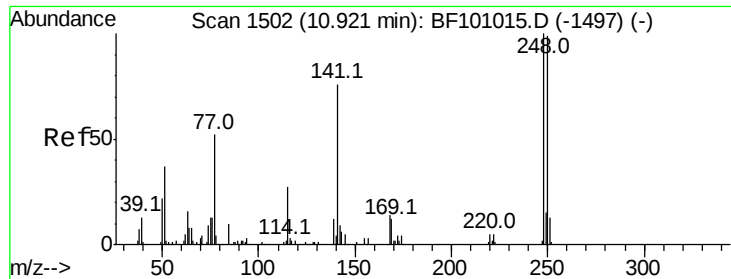
Tot Ion:165	Resp: 9177
Ion Ratio	Lower Upper
165 100	
63 0.0	36.4 54.6#
89 0.0	57.8 86.6#
182 0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101176.D
 Acq: 6 Dec 2017 19:06

Tgt Ion	188	Resp:	112958
Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	7.6	9.2	13.8#

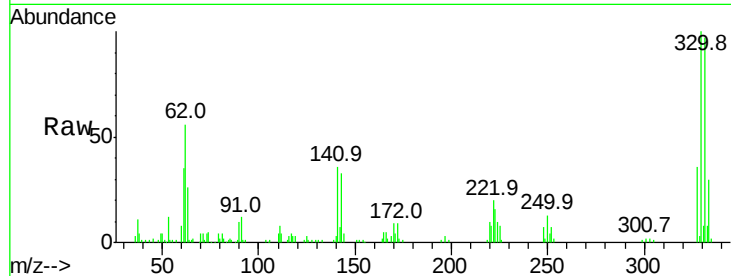




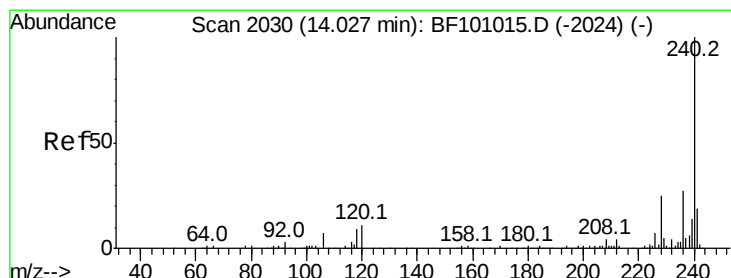
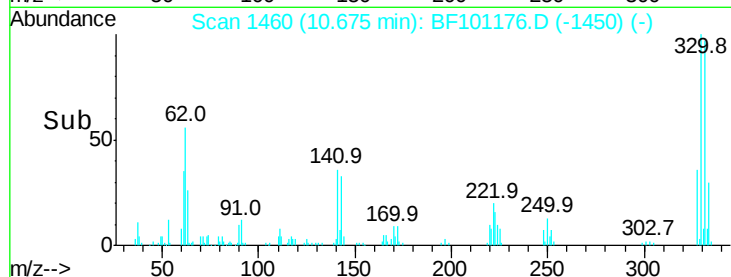
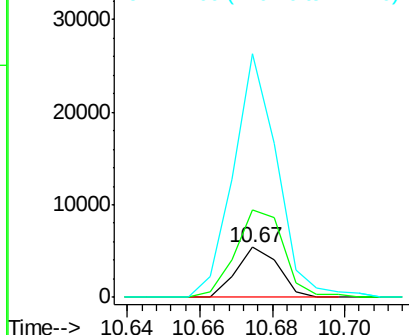
#66
 4-Bromophenyl-phenylether
 Concen: 3.463 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101176.D
 Acq: 6 Dec 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-120517-A

Tot Ion:248 Resp: 4378
 Ion Ratio Lower Upper
 248 100
 250 173.5 76.9 115.3#
 141 485.9 74.4 111.6#

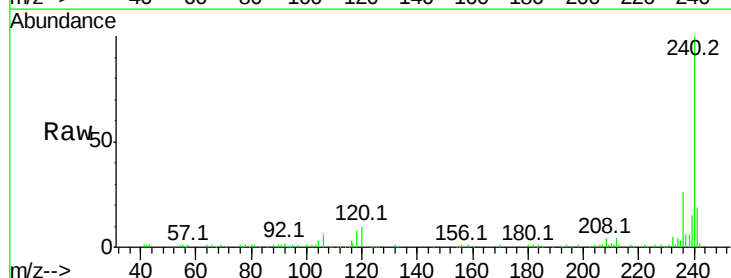


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

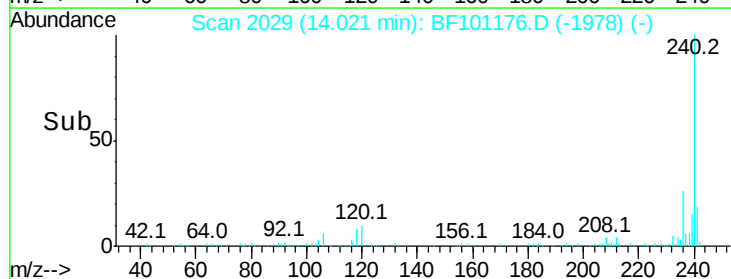
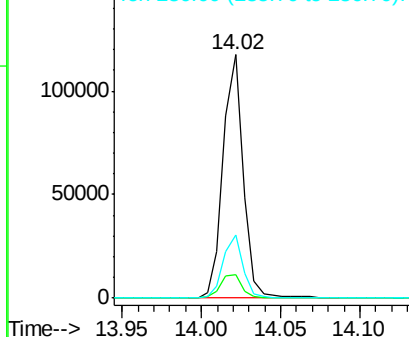


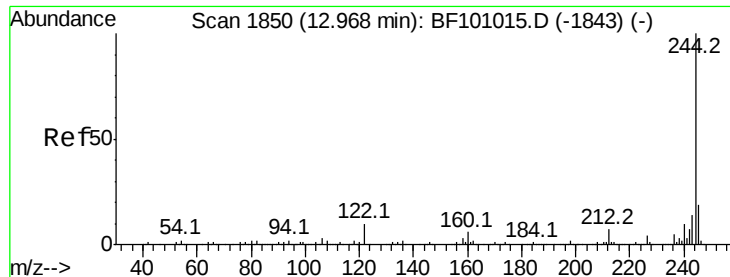
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101176.D
 Acq: 6 Dec 2017 19:06

Tgt Ion:240 Resp: 103692
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.5 14.3
 236 26.0 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: 55.776 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

Instrument :

BNA_F

ClientSampleId :

AU-06-120517-A

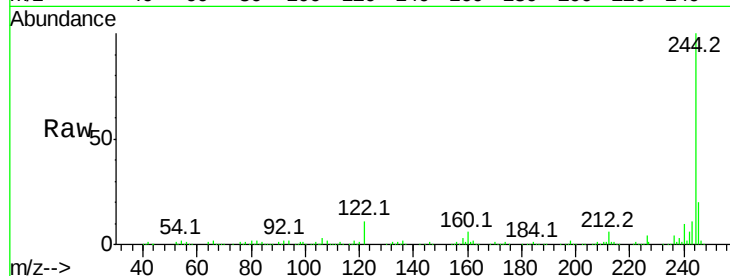
Tot Ion:244 Resp: 264420

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

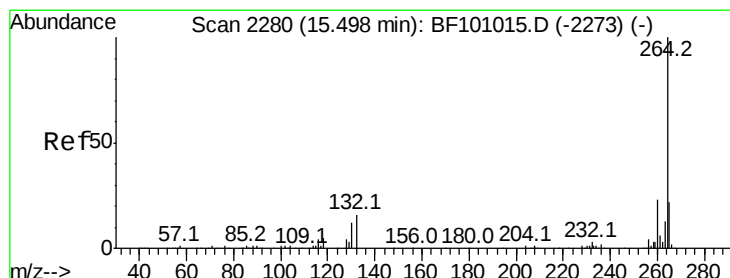
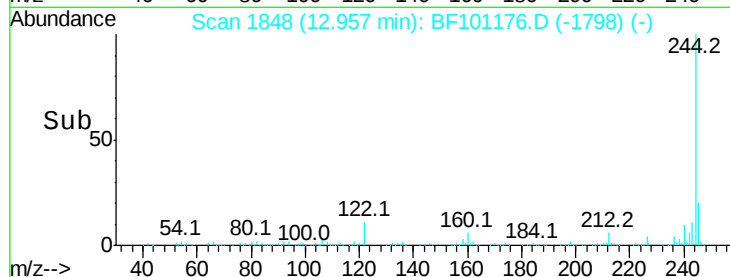
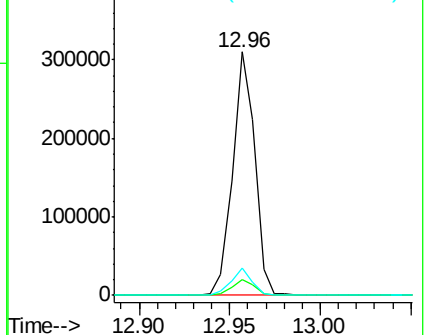
122 11.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101176.D

Acq: 6 Dec 2017 19:06

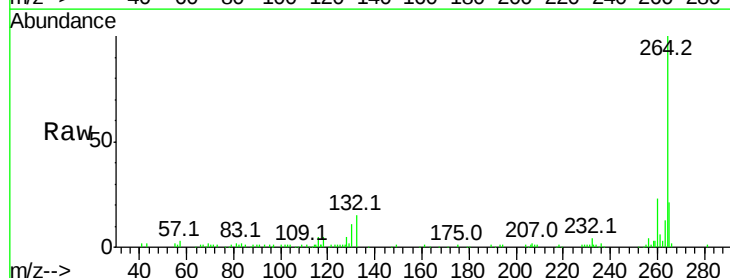
Tgt Ion:264 Resp: 98758

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 17.5 26.3



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

