

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101244.D
 Acq On : 8 Dec 2017 19:04
 Operator : SJ/JU
 Sample : I6680-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 21:42:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45897	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	174894	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	70700	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	114203	20.00	ng	0.00
75) Chrysene-d12	14.00	240	103427	20.00	ng	0.00
86) Perylene-d12	15.47	264	101666	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	284535	102.44	ng	0.00
7) Phenol-d6	6.46	99	334714	99.26	ng	0.00
23) Nitrobenzene-d5	7.39	82	200346	68.33	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	70375	82.86	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	355604	68.82	ng	0.00
78) Terphenyl-d14	12.94	244	252674	53.44	ng	0.00

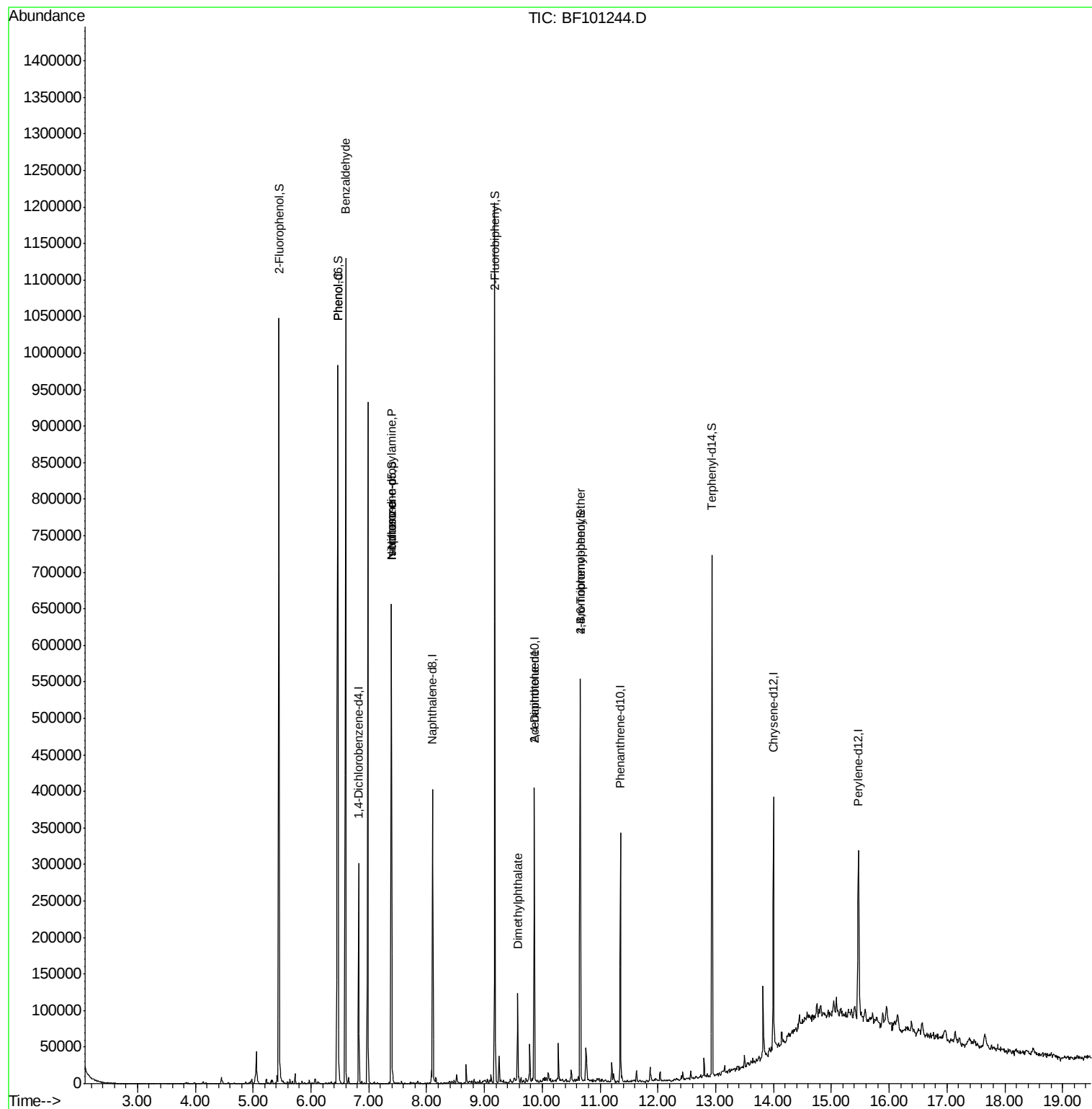
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	6068	2.940	ng	97
10) Phenol	6.47	94	14462	3.857	ng	# 69
19) n-Nitroso-di-n-propylamine	7.39	70	27707	12.200	ng	# 78
25) Isophorone	7.39	82	200343	40.005	ng	# 64
49) Dimethylphthalate	9.57	163	35983	6.311	ng	99
56) 2,4-Dinitrotoluene	9.86	165	8818	5.479	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	4335	3.391	ng	# 1

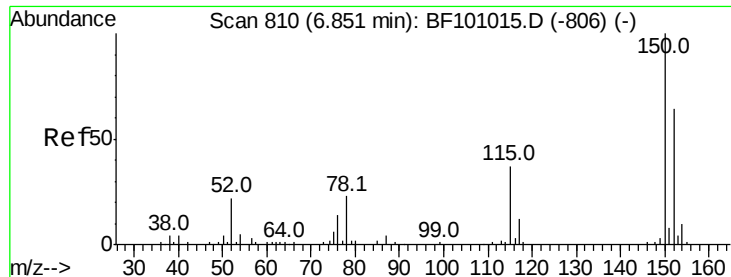
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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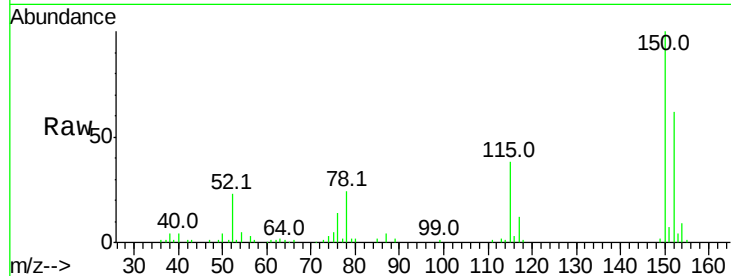


#1

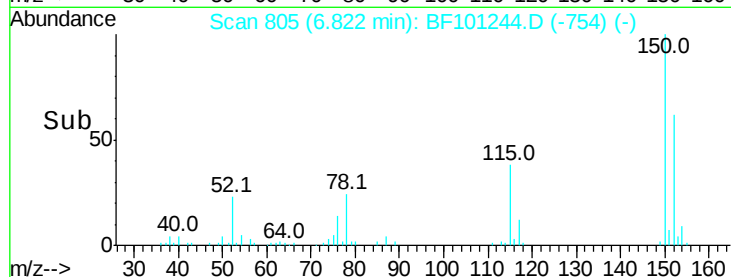
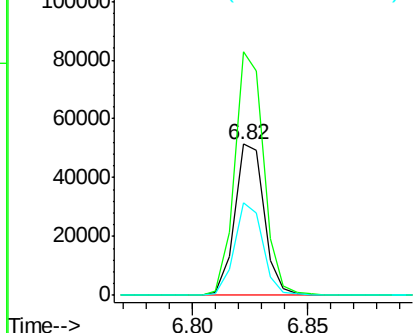
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45897
Ion Ratio Lower Upper
152 100
150 161.1 124.6 186.8
115 61.0 50.1 75.1



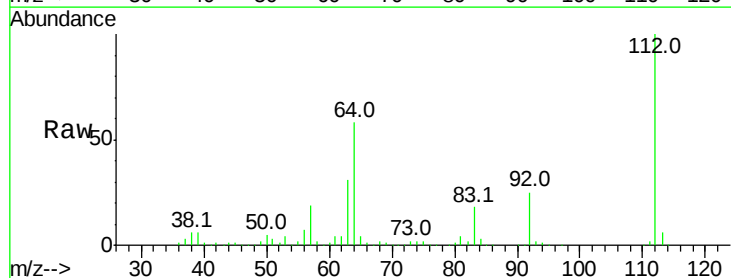
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



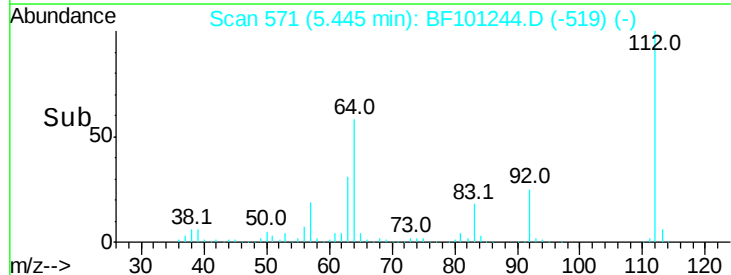
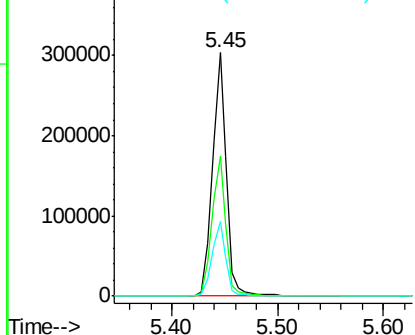
#5

2-Fluorophenol
Concen: 102.442 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Tgt Ion:112 Resp: 284535
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 30.7 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: 99.257 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

Instrument :

BNA_F

ClientSampleId :

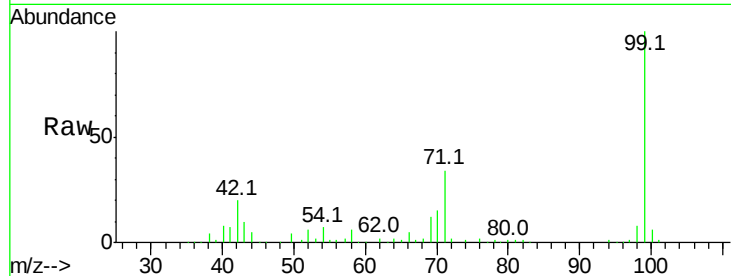
Tot Ion: 99 Resp: 334714

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

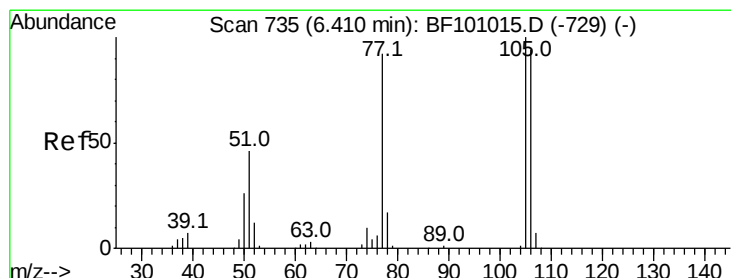
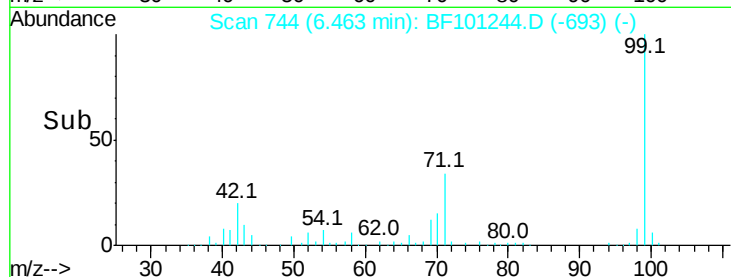
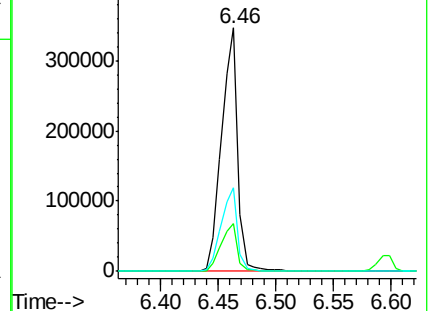
71 34.1 25.4 38.0



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: 2.940 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.22 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

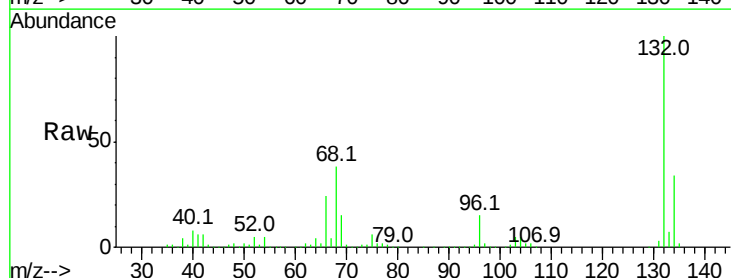
Tgt Ion: 77 Resp: 6068

Ion Ratio Lower Upper

77 100

105 96.4 81.1 121.1

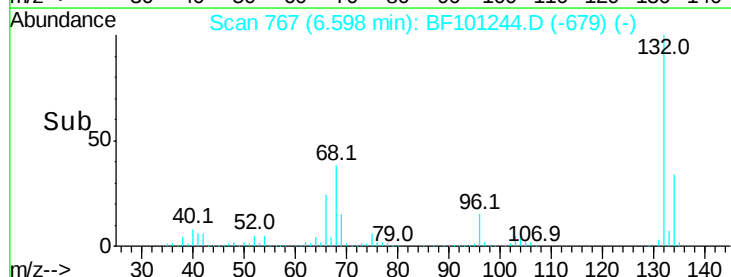
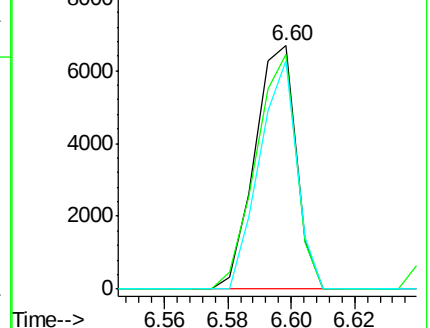
106 93.6 74.5 114.5

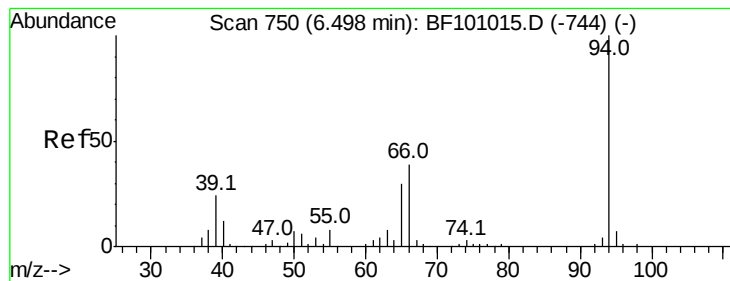


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.857 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

Instrument :

BNA_F

ClientSampleId :

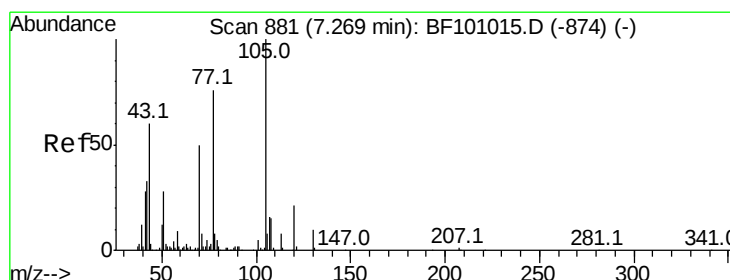
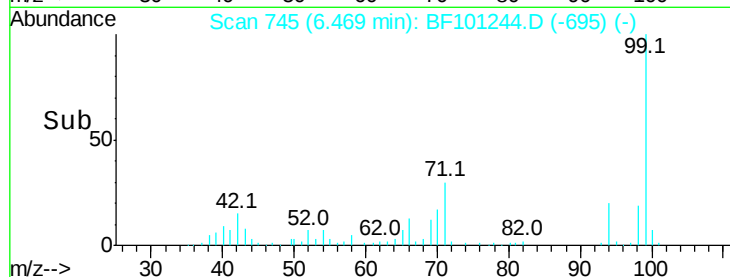
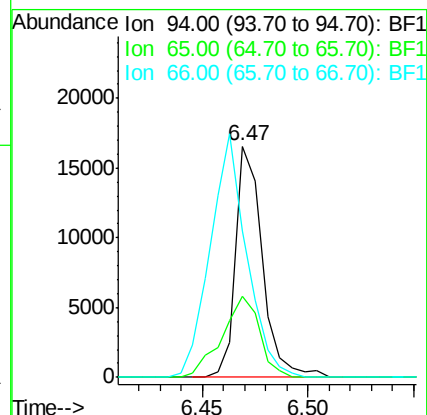
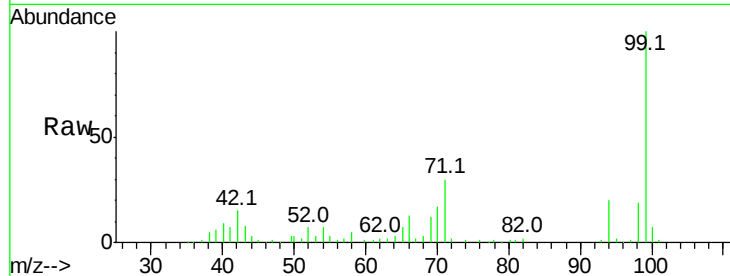
Tot Ion: 94 Resp: 14462

Ion Ratio Lower Upper

94 100

65 34.8 7.9 47.9

66 63.0 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.200 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

Tgt Ion: 70 Resp: 27707

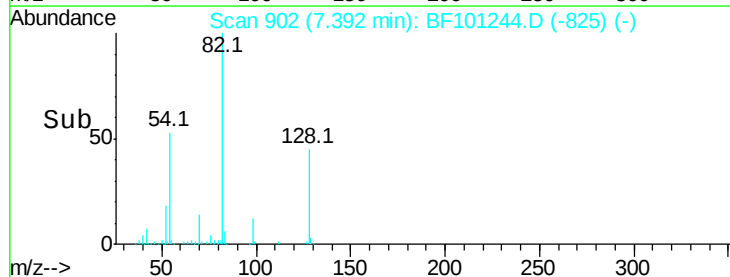
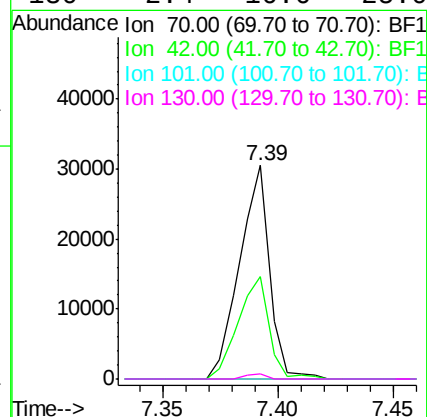
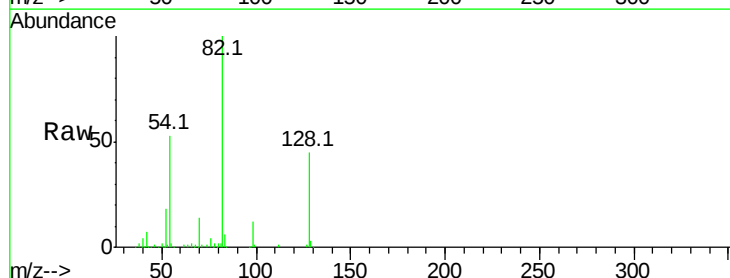
Ion Ratio Lower Upper

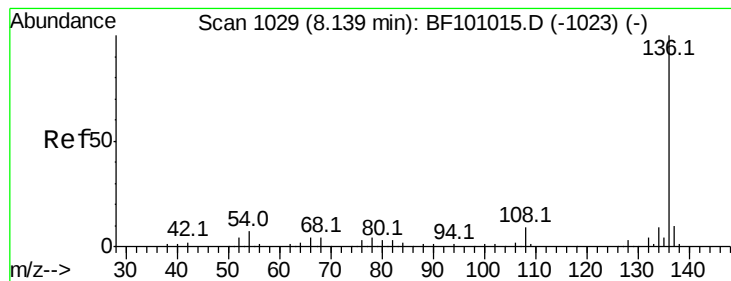
70 100

42 47.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 174894

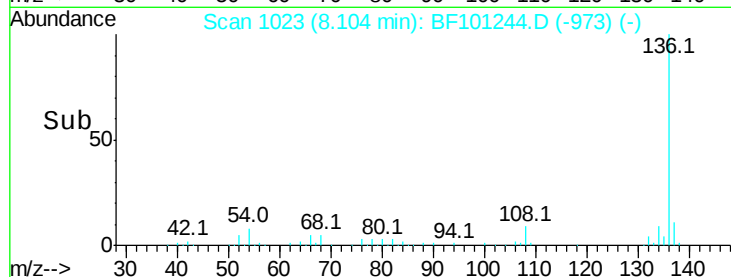
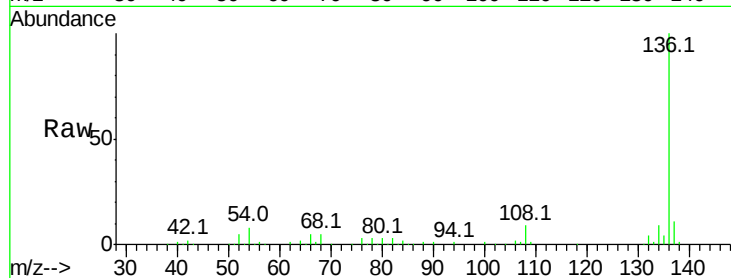
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 6.6 9.8

68 4.7 5.0 7.4#

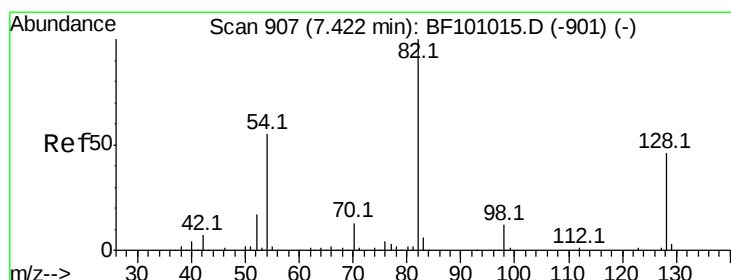
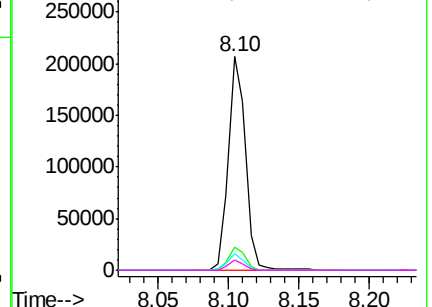


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.334 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

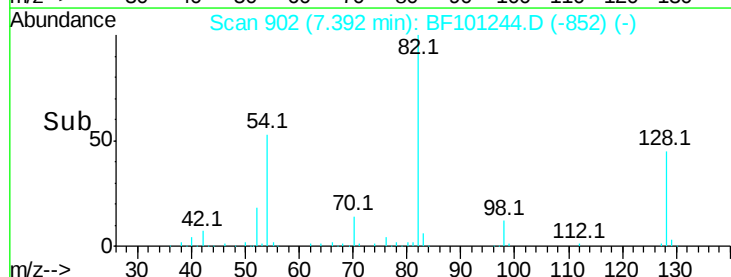
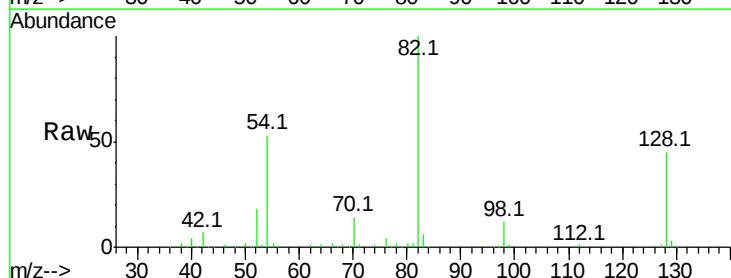
Tgt Ion: 82 Resp: 200346

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

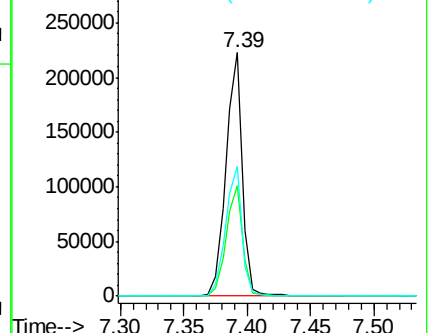
54 53.3 41.4 62.2

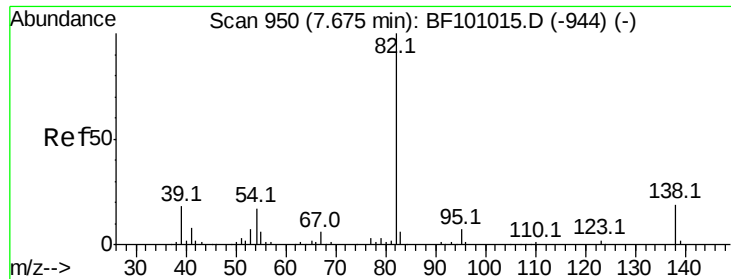


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.005 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

Instrument :

BNA_F

ClientSampled :

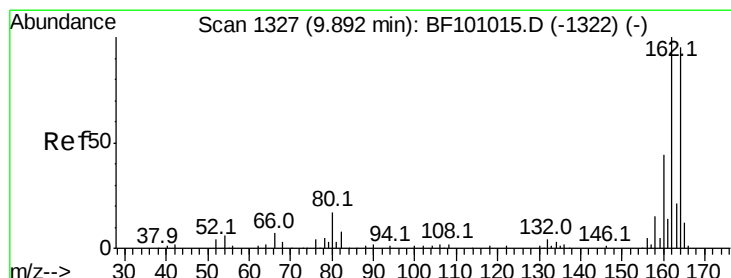
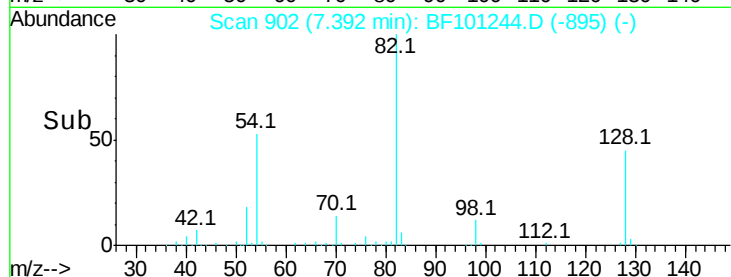
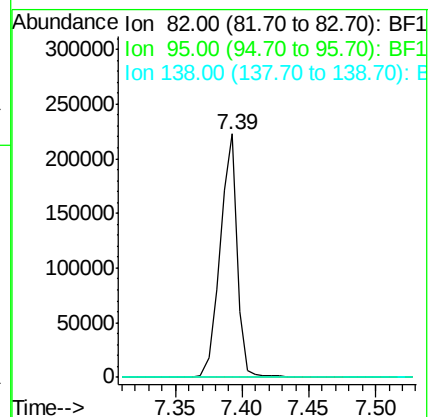
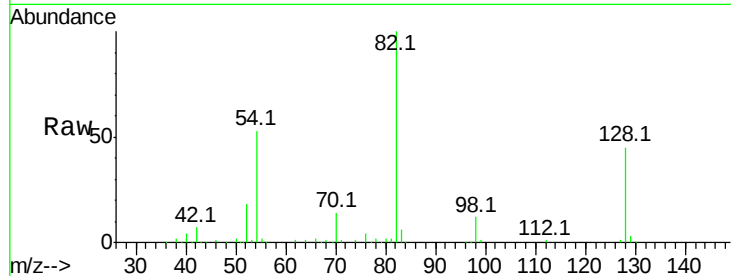
Tot Ion: 82 Resp: 200343

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

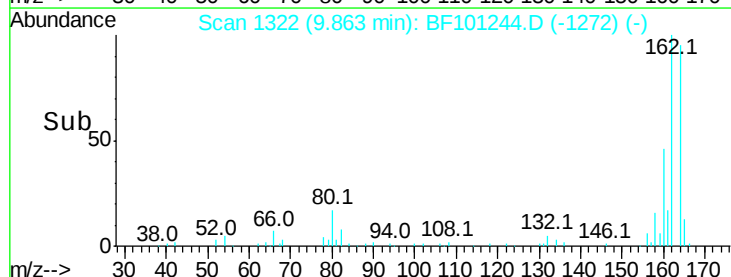
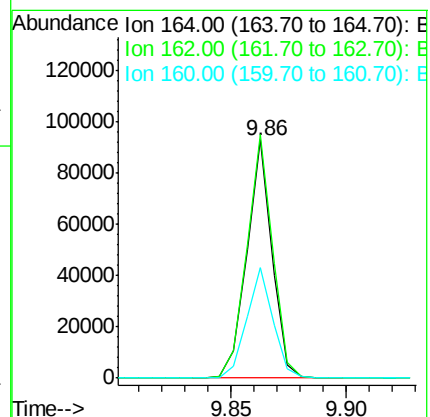
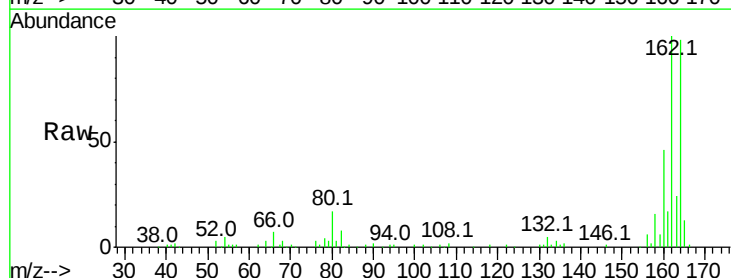
Tgt Ion:164 Resp: 70700

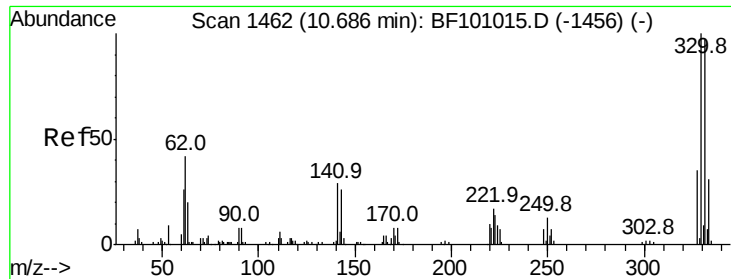
Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

160 46.6 38.3 57.5

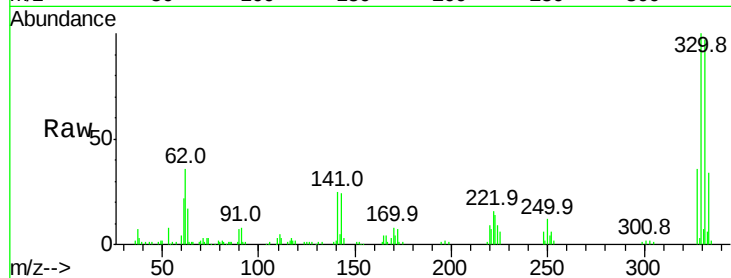




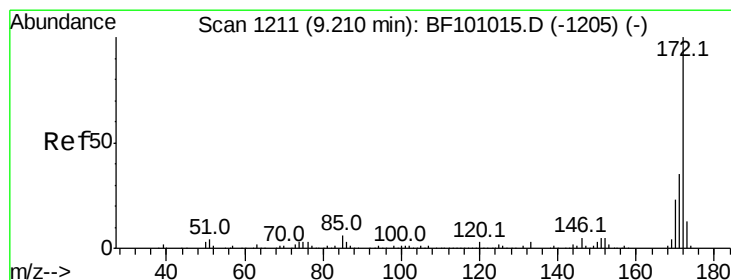
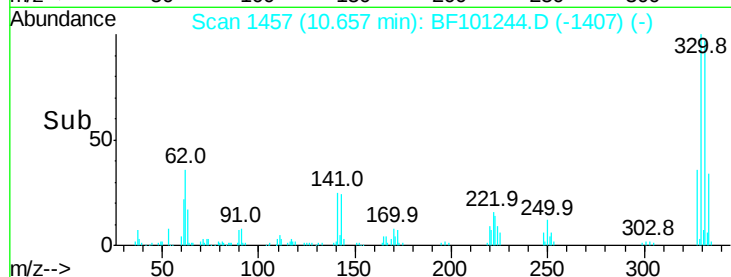
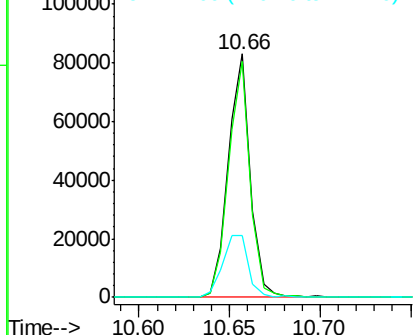
#41
 2,4,6-Tribromophenol
 Concen: 82.862 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101244.D
 Acq: 8 Dec 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 70375
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 30.0 29.9 44.9

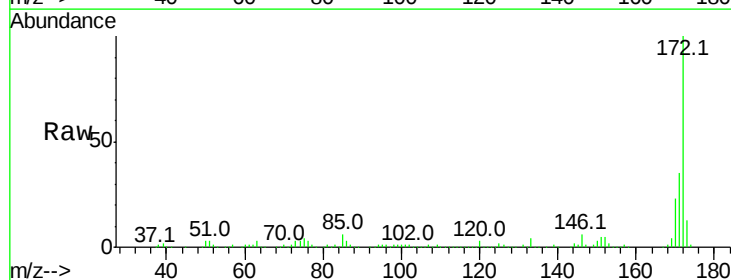


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

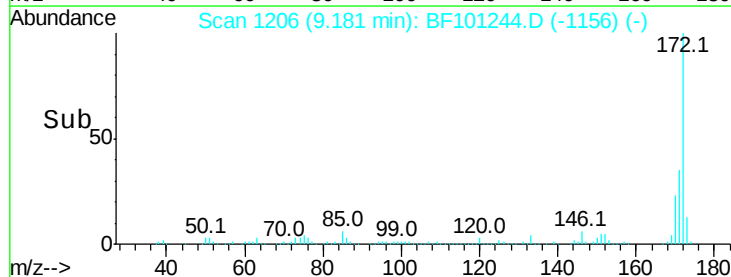
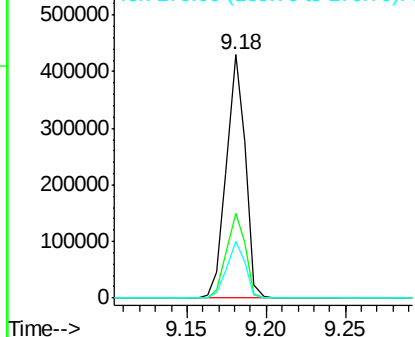


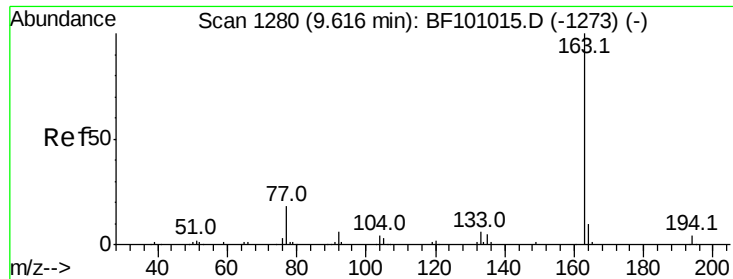
#44
 2-Fluorobiphenyl
 Concen: 68.817 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101244.D
 Acq: 8 Dec 2017 19:04

Tgt Ion:172 Resp: 355604
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.3 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

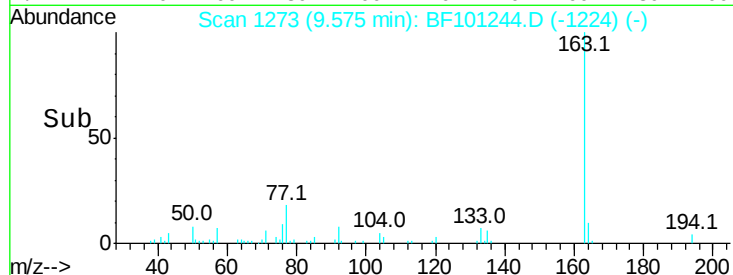
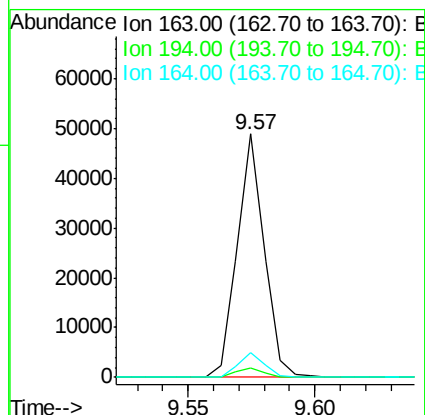
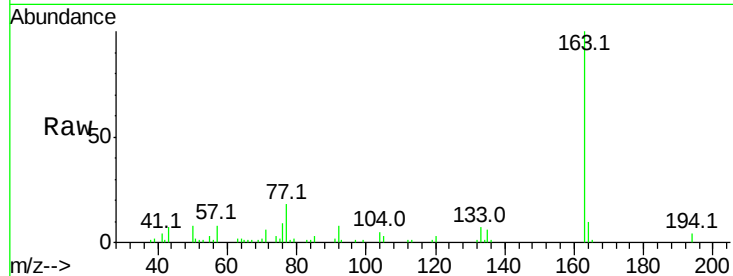




#49
Dimethylphthalate
Concen: 6.311 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

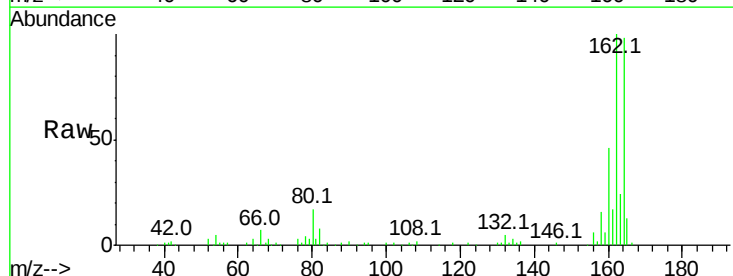
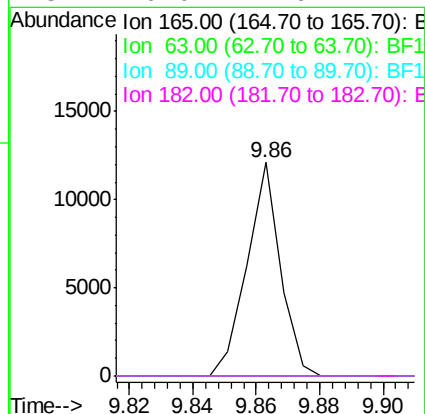
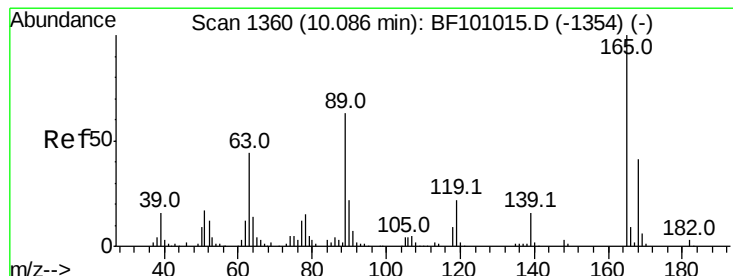
Instrument :
BNA_F
ClientSampleId :

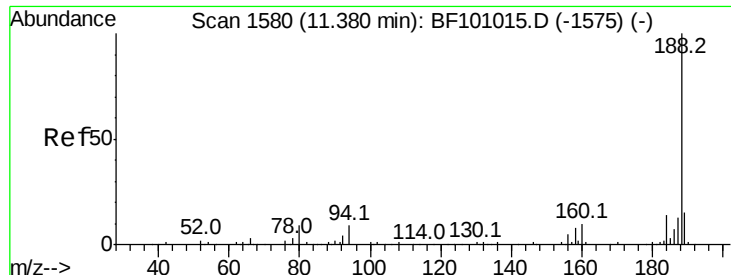
Tot Ion:163 Resp: 35983
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.479 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Tgt Ion:165 Resp: 8818
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#

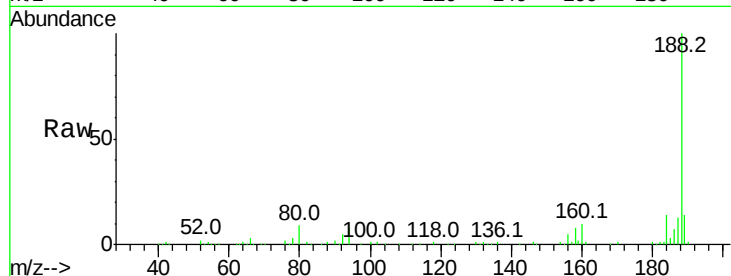




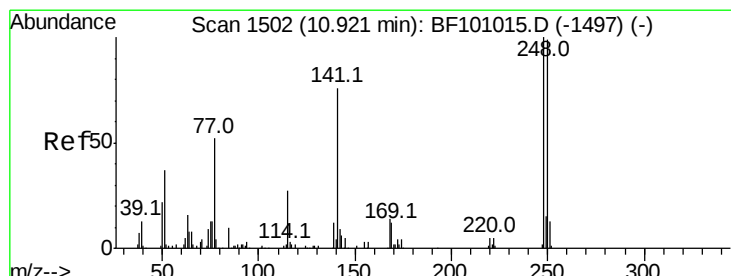
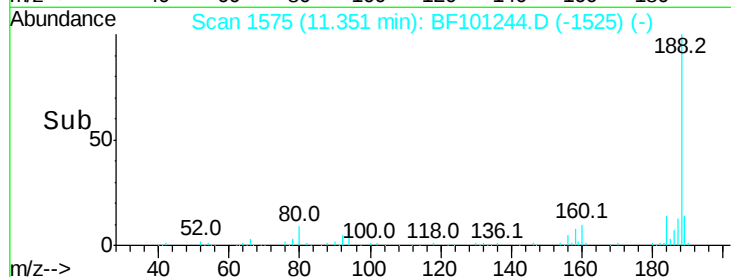
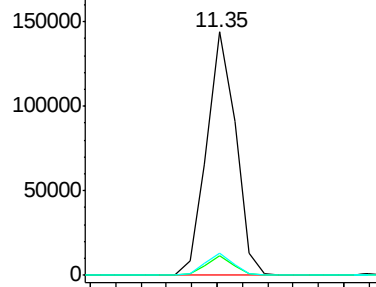
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.0	9.2	13.8#



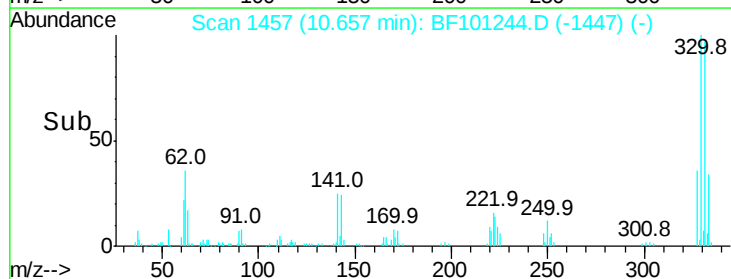
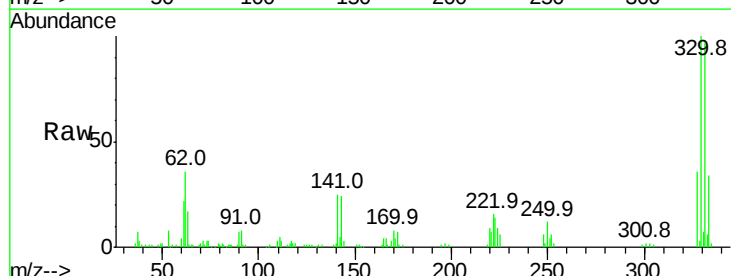
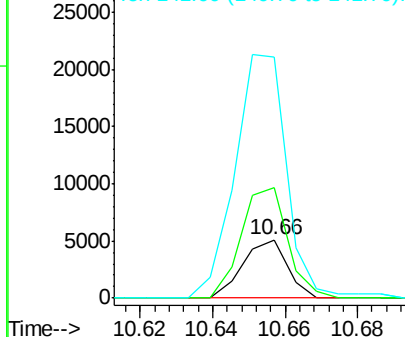
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

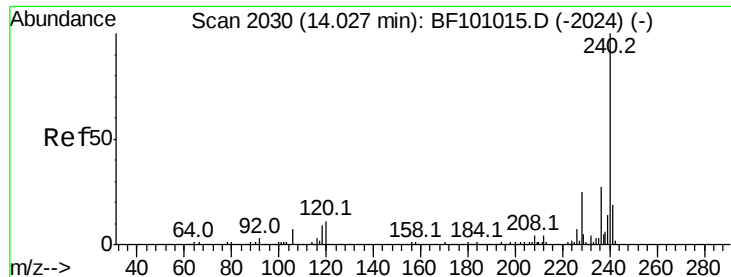


#66
4-Bromophenyl-phenylether
Concen: 3.391 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	189.6	76.9	115.3#
141	413.8	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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

Instrument :

BNA_F

ClientSampleId :

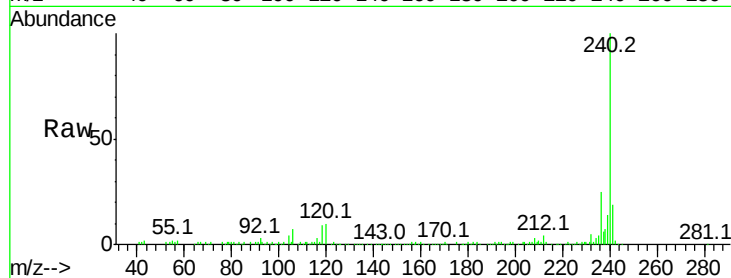
Tot Ion:240 Resp: 103427

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

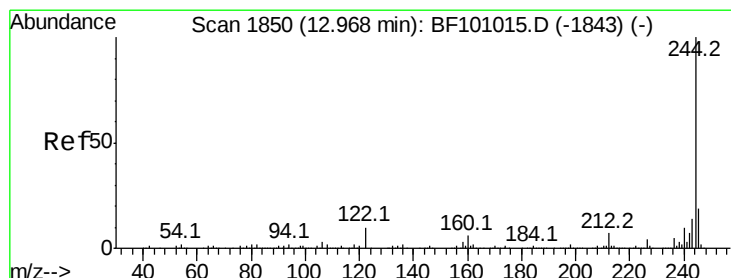
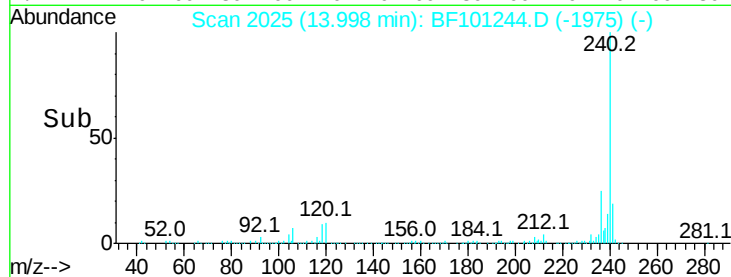
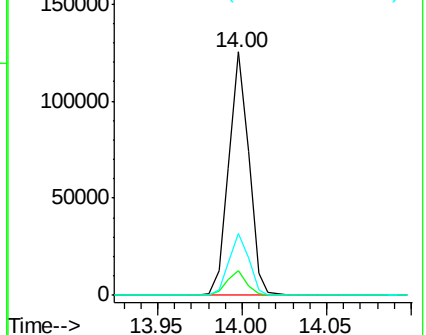
236 25.4 20.7 31.1



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: 53.435 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

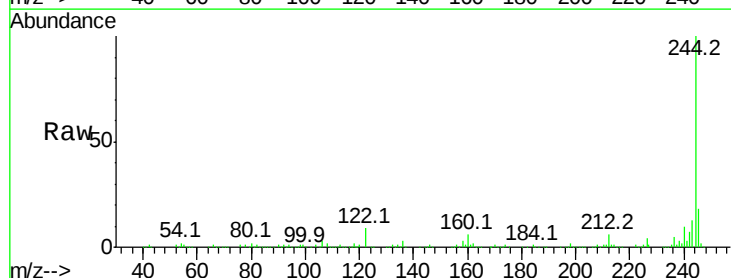
Tgt Ion:244 Resp: 252674

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

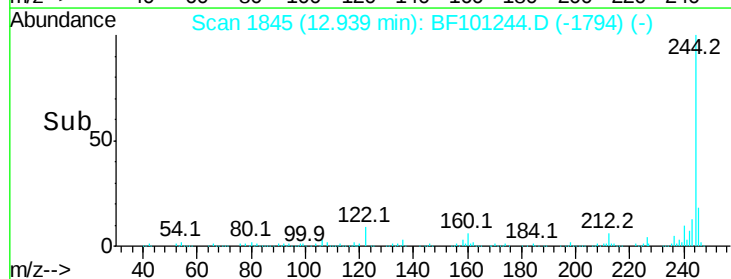
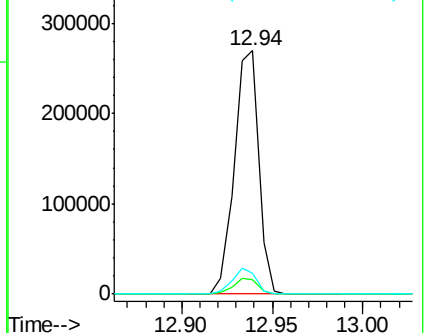
122 8.8 11.0 16.4#

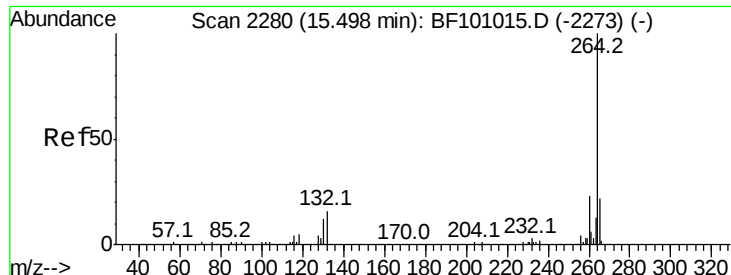


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

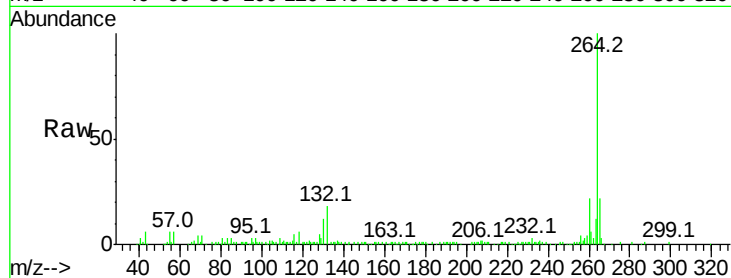




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.1	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

