

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100272.D
 Acq On : 7 Nov 2017 4:08
 Operator : SJ/JU
 Sample : I6320-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 06:00:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

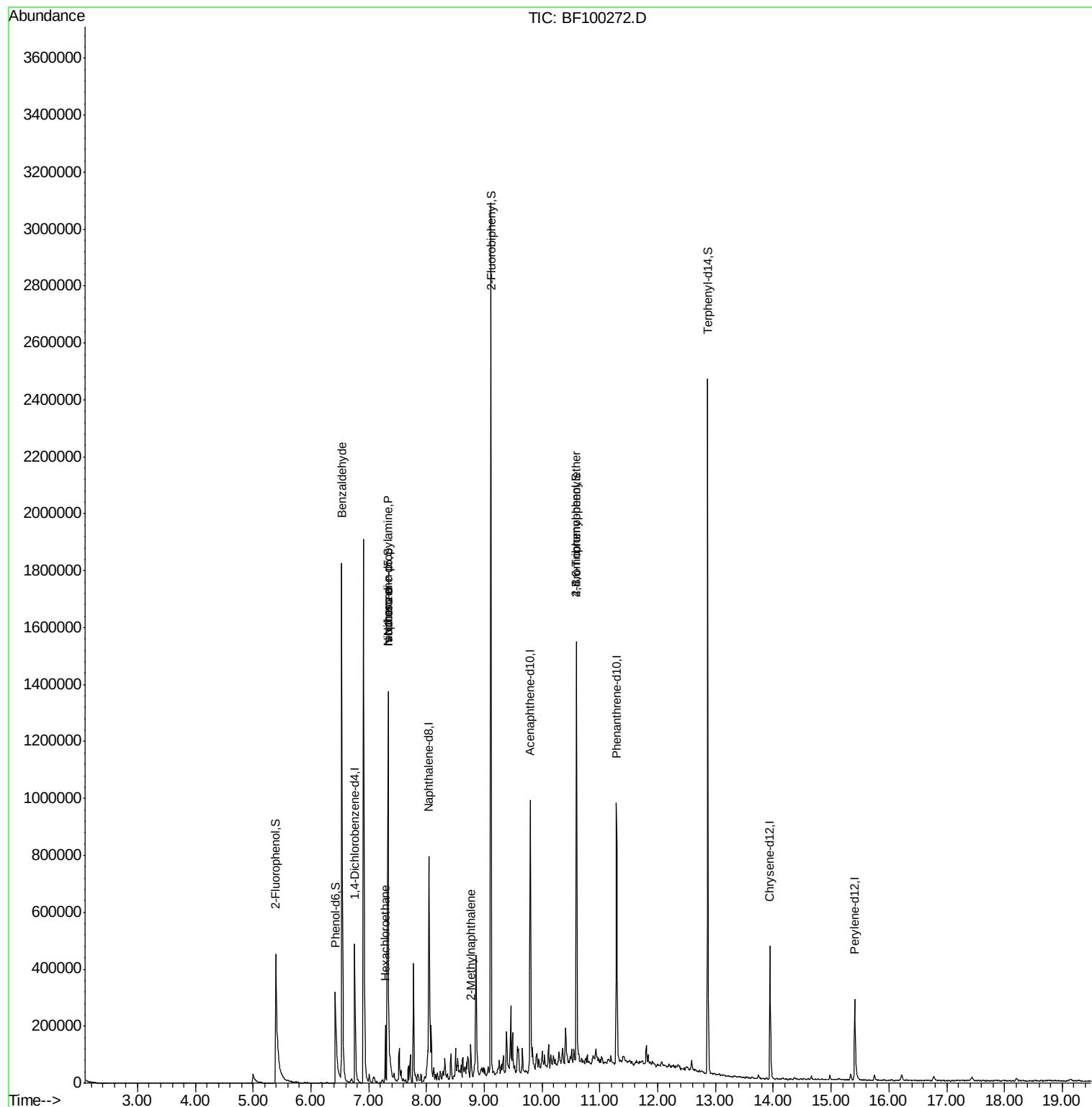
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	104745	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	429896	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	200438	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	345467	20.00	ng	0.00
75) Chrysene-d12	13.94	240	185472	20.00	ng	0.00
86) Perylene-d12	15.41	264	171381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	365201	54.74	ng	0.01
7) Phenol-d6	6.42	99	280791	35.49	ng	0.00
23) Nitrobenzene-d5	7.33	82	531424	79.59	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	209958	114.94	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1019147	78.45	ng	0.00
78) Terphenyl-d14	12.87	244	850782	100.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	12824	2.713	ng	83
18) Hexachloroethane	7.29	117	17404	6.438	ng	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	66833	14.416	ng	# 69
25) Isophorone	7.33	82	531424	43.859	ng	# 64
37) 2-Methylnaphthalene	8.76	142	34565	2.486	ng	97
66) 4-Bromophenyl-phenylether	10.59	248	13286	3.653	ng	# 1

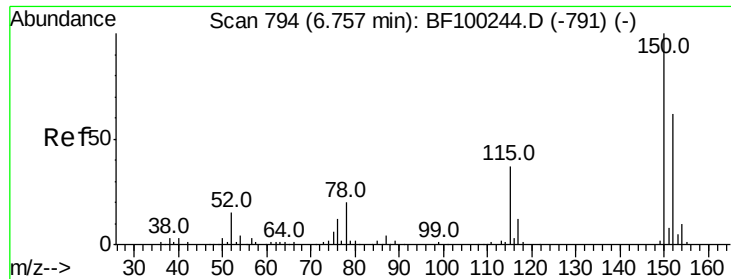
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110617\
Data File : BF100272.D
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Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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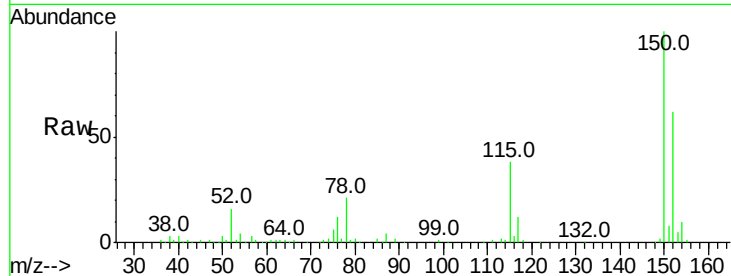


#1

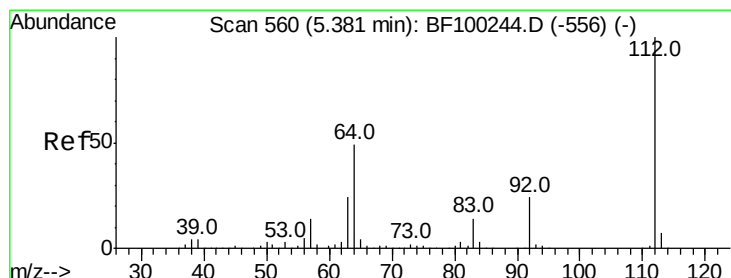
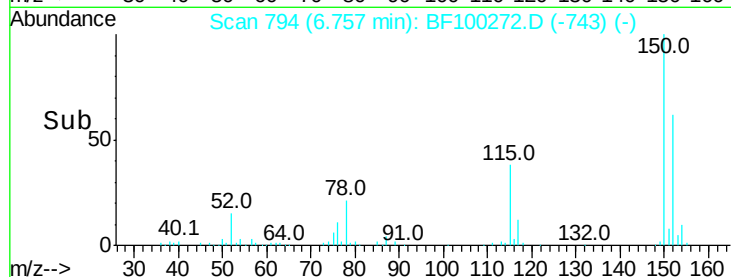
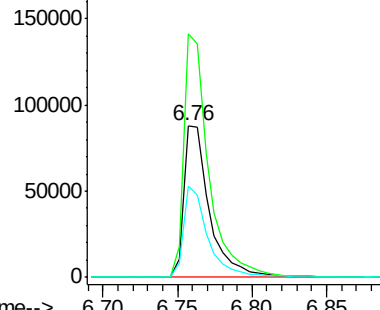
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100272.D
Acq: 7 Nov 2017 4:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104745
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 60.4 50.1 75.1



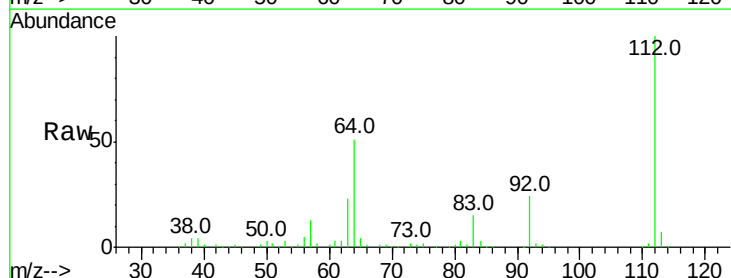
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



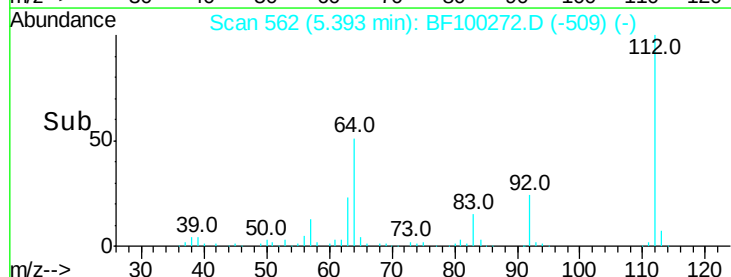
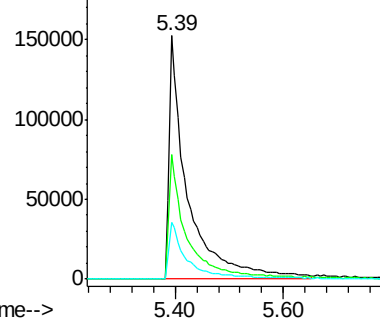
#5

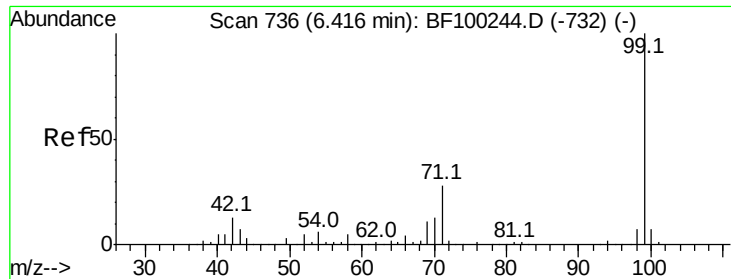
2-Fluorophenol
Concen: 54.738 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100272.D
Acq: 7 Nov 2017 4:08

Tgt Ion:112 Resp: 365201
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 23.2 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: 35.494 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

Instrument :

BNA_F

ClientSampleId :

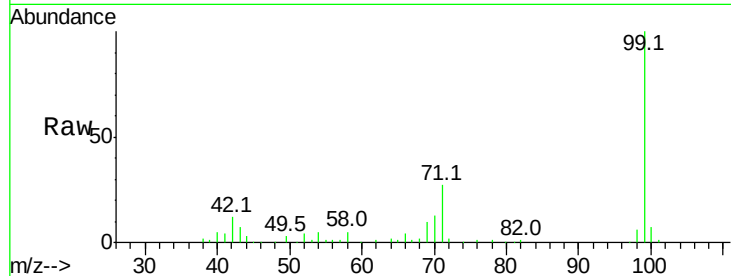
Tot Ion: 99 Resp: 280791

Ion Ratio Lower Upper

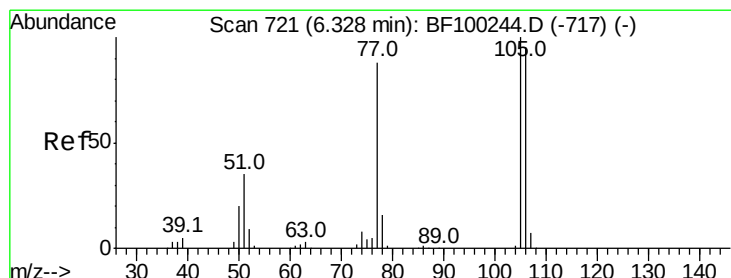
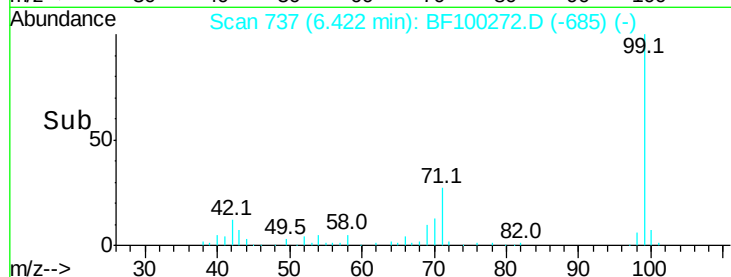
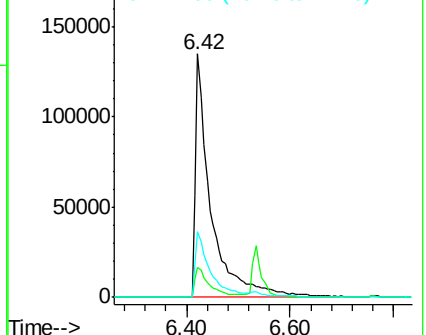
99 100

42 12.5 14.5 21.7#

71 27.2 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: 2.713 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

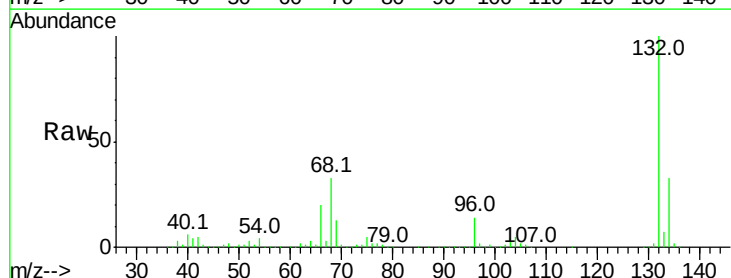
Tgt Ion: 77 Resp: 12824

Ion Ratio Lower Upper

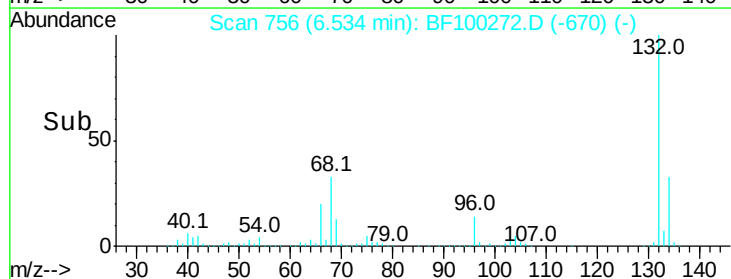
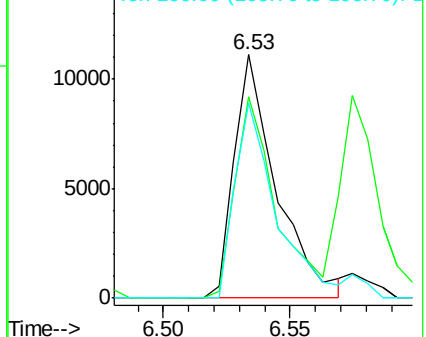
77 100

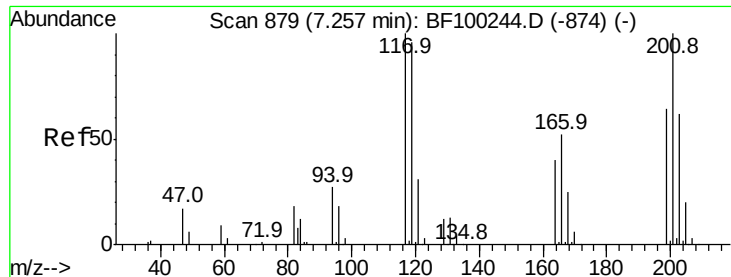
105 82.9 81.1 121.1

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): BF1
Ion 106.00 (105.70 to 106.70): BF1

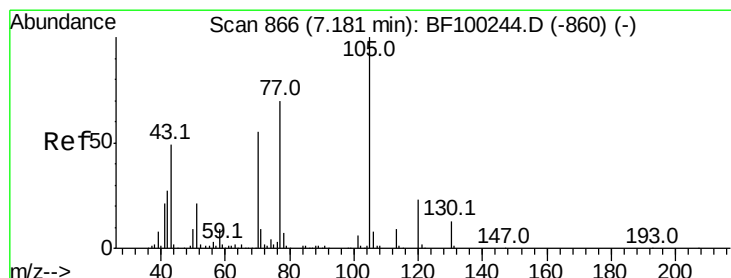
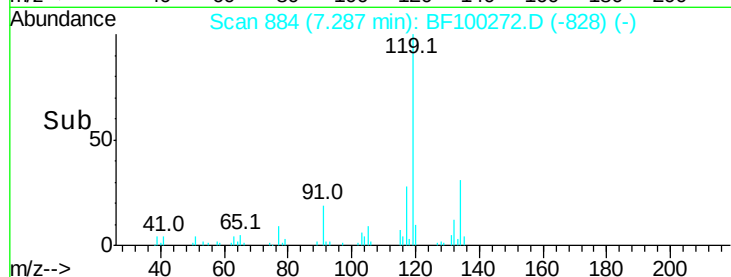
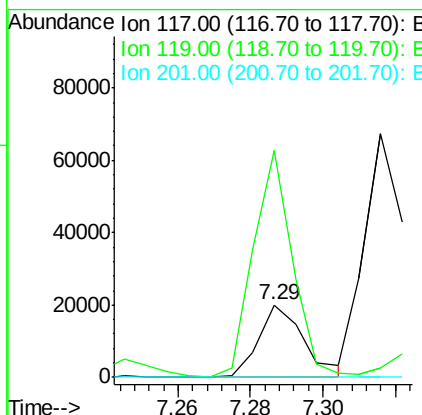
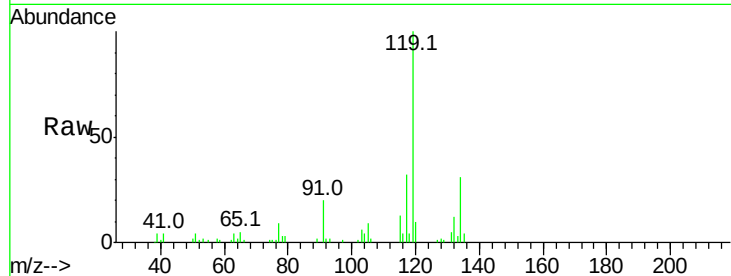




#18
Hexachloroethane
Concen: 6.438 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.03 min
Lab File: BF100272.D
Acq: 7 Nov 2017 4:08

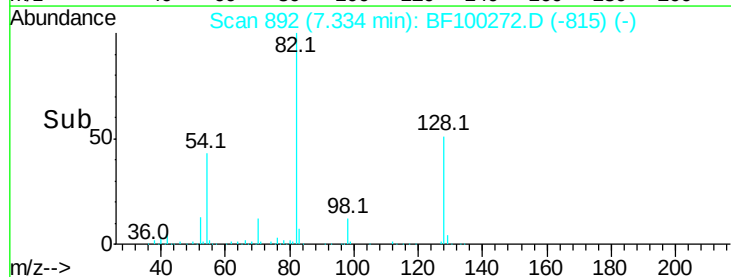
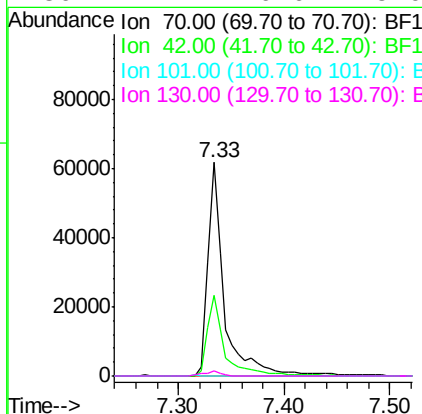
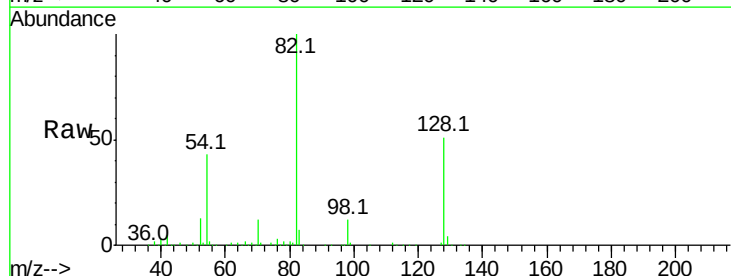
Instrument :
BNA_F
ClientSampleId :

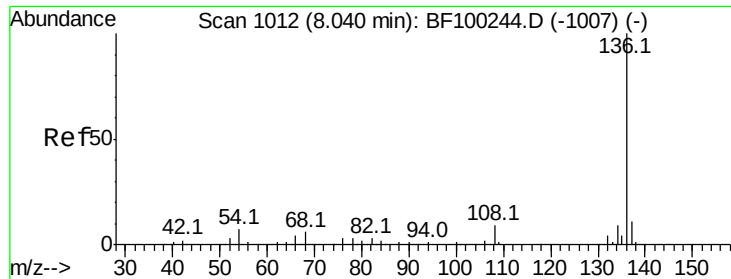
Tot Ion:117 Resp: 17404
Ion Ratio Lower Upper
117 100
119 314.2 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.416 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100272.D
Acq: 7 Nov 2017 4:08

Tgt Ion: 70 Resp: 66833
Ion Ratio Lower Upper
70 100
42 38.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#

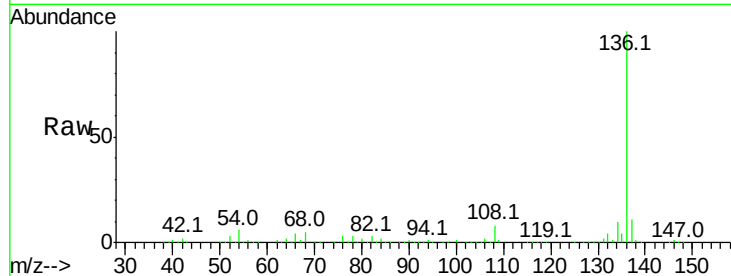




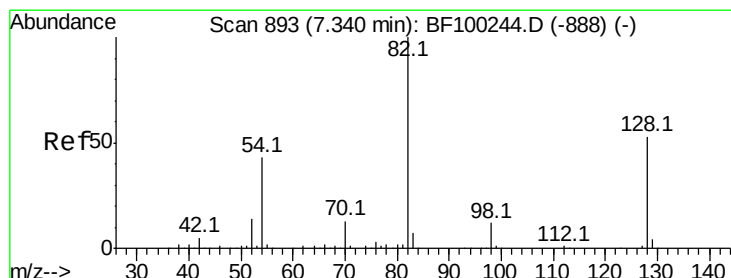
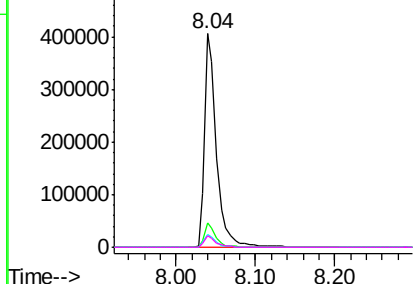
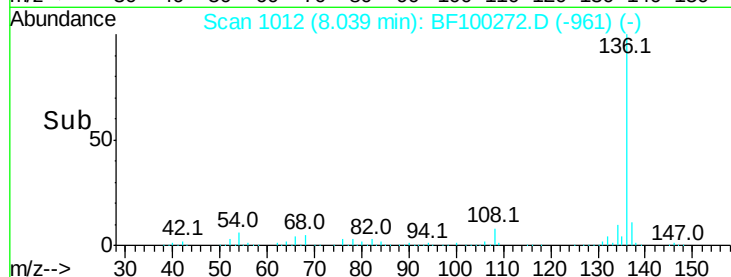
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100272.D
Acq: 7 Nov 2017 4:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	429896
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4

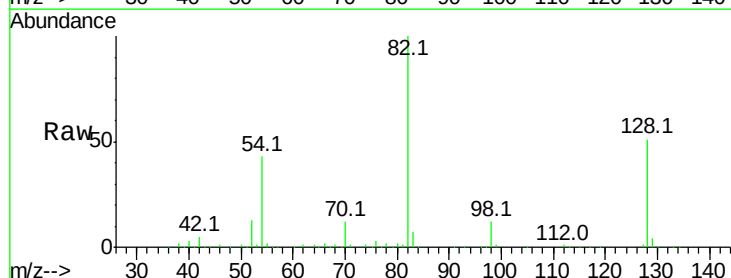


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

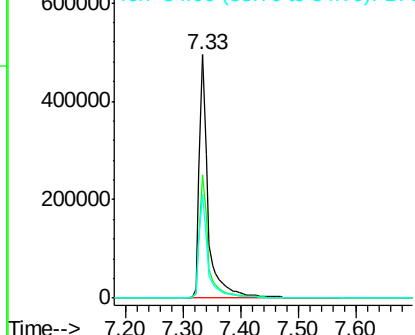
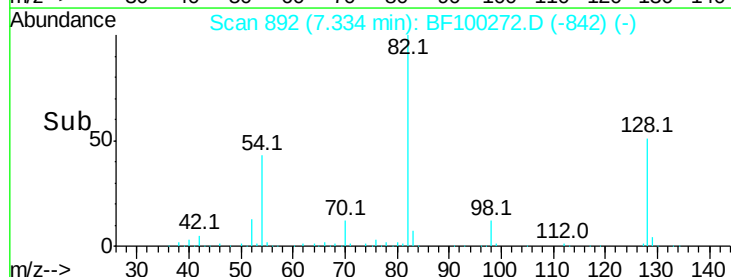


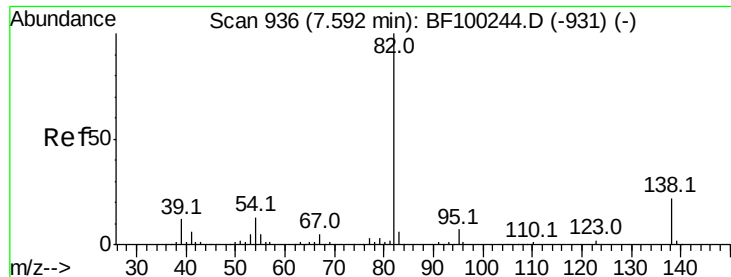
#23
Nitrobenzene-d5
Concen: 79.585 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100272.D
Acq: 7 Nov 2017 4:08

Tgt Ion:	82	Resp:	531424
Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.1	54.1
54	42.7	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: 43.859 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

Instrument :

BNA_F

ClientSampleId :

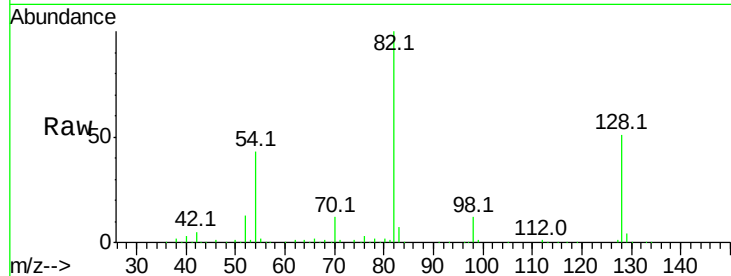
Tot Ion: 82 Resp: 531424

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

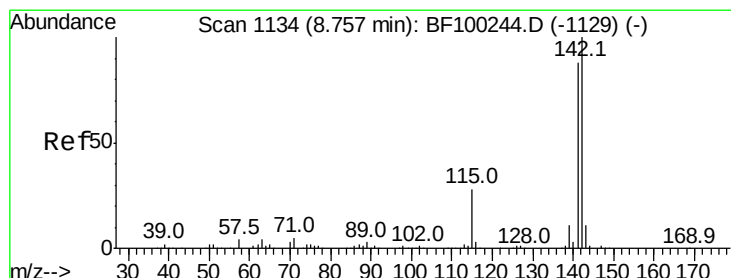
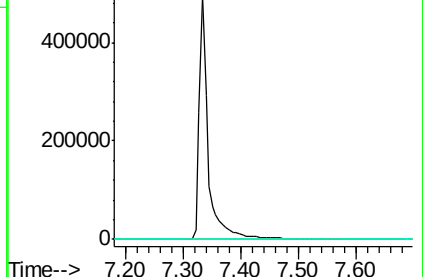
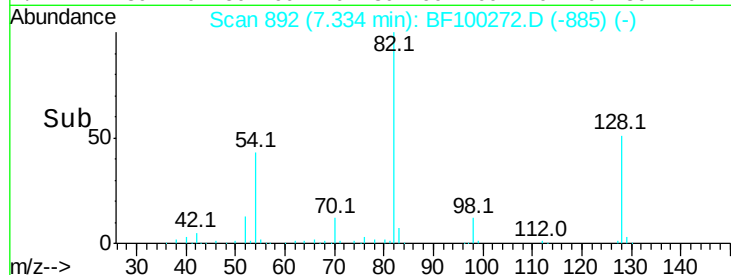
138 0.0 14.9 22.3#



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



#37

2-Methylnaphthalene

Concen: 2.486 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

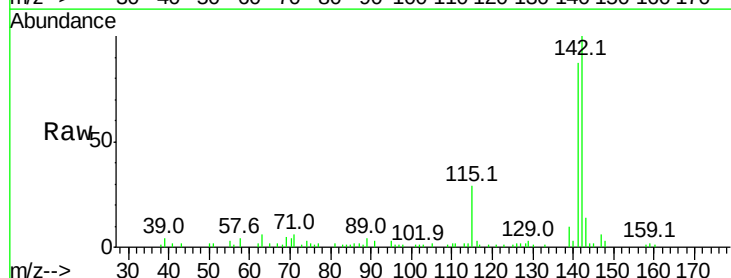
Tgt Ion:142 Resp: 34565

Ion Ratio Lower Upper

142 100

141 86.6 70.8 106.2

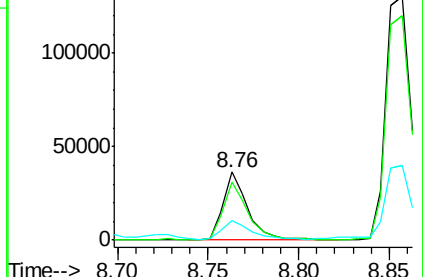
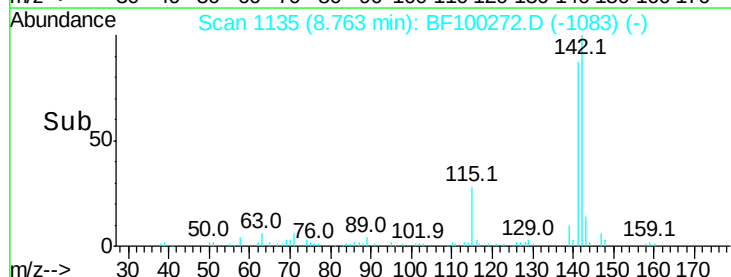
115 28.6 26.1 39.1

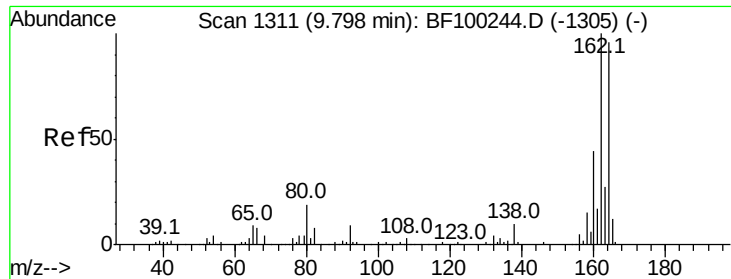


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

Instrument :

BNA_F

ClientSampleId :

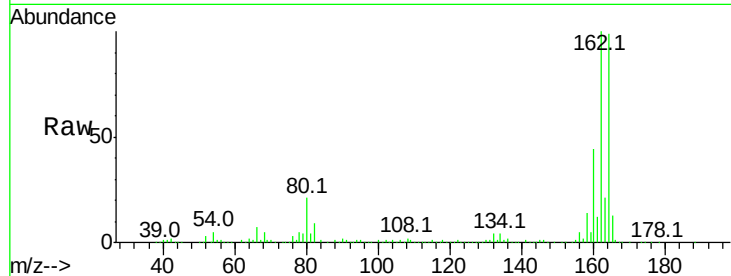
Tot Ion:164 Resp: 200438

Ion Ratio Lower Upper

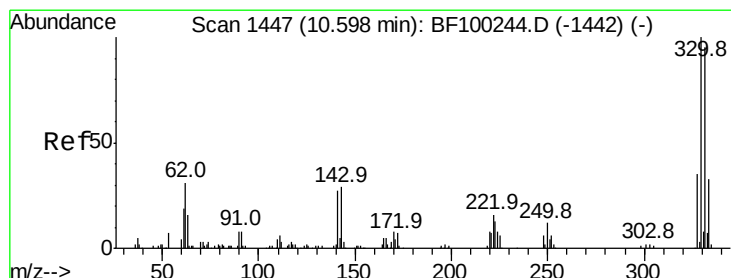
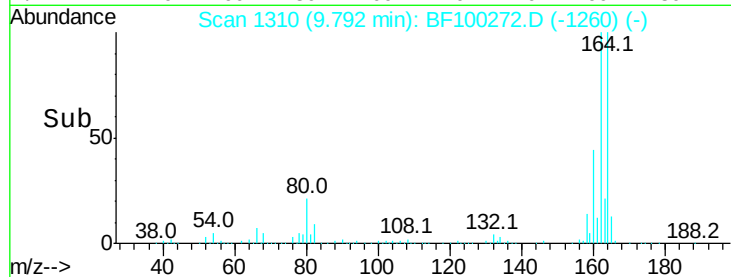
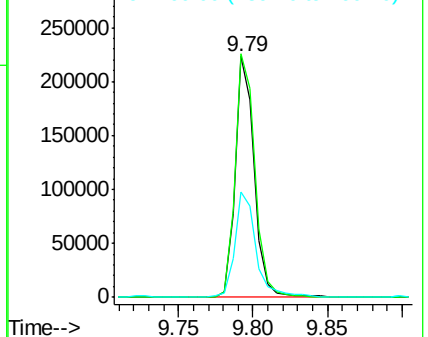
164 100

162 101.2 86.1 129.1

160 44.1 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: 114.943 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

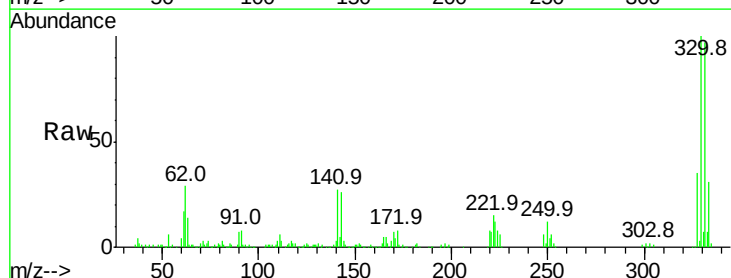
Tgt Ion:330 Resp: 209958

Ion Ratio Lower Upper

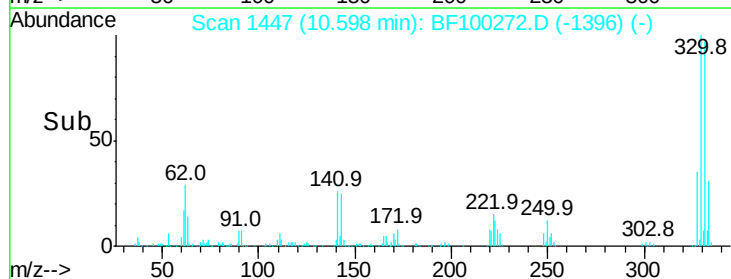
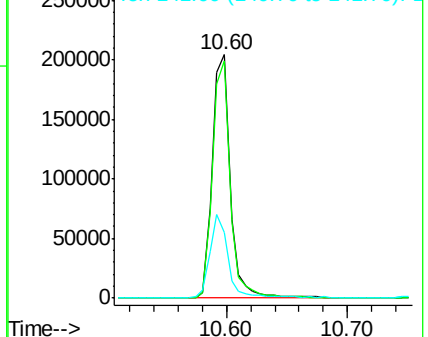
330 100

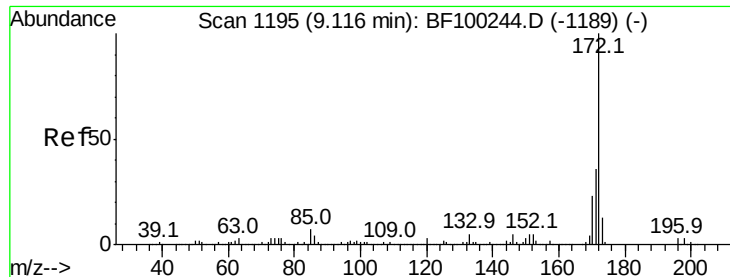
332 96.3 77.0 115.6

141 33.9 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



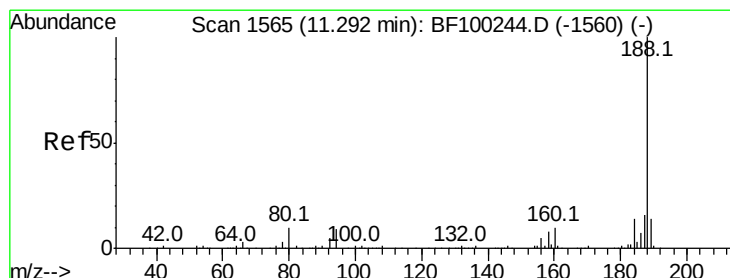
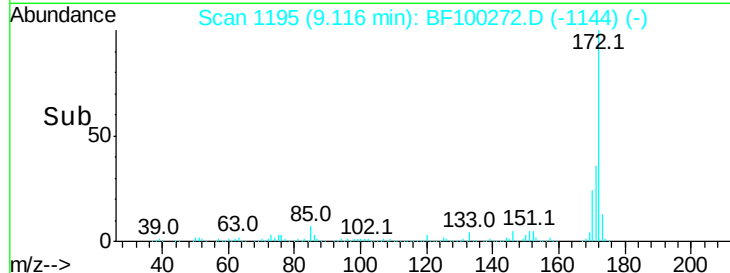
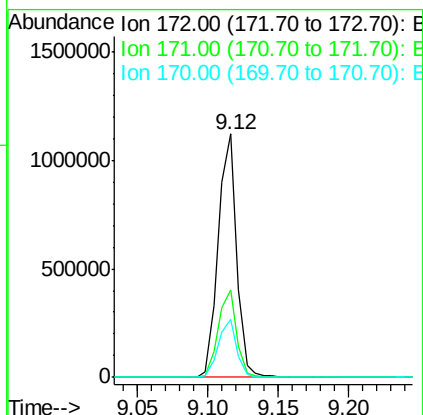
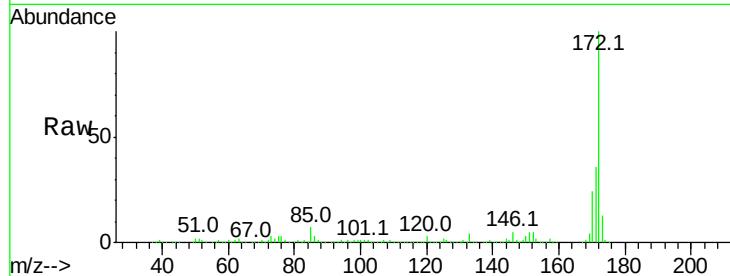


#44
 2-Fluorobiphenyl
 Concen: 78.447 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100272.D
 Acq: 7 Nov 2017 4:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1019147

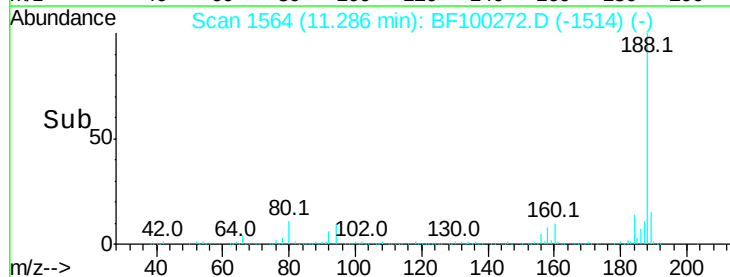
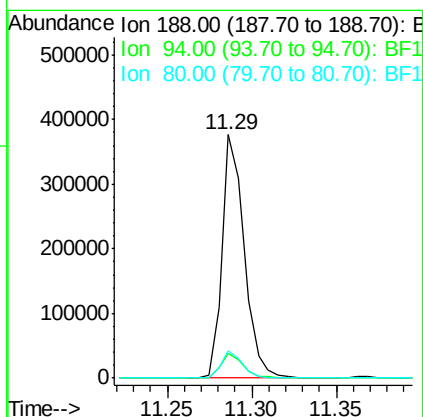
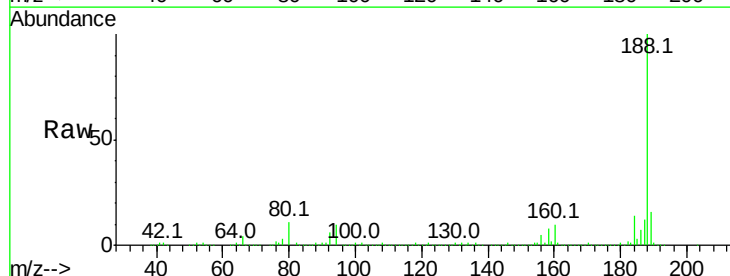
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4

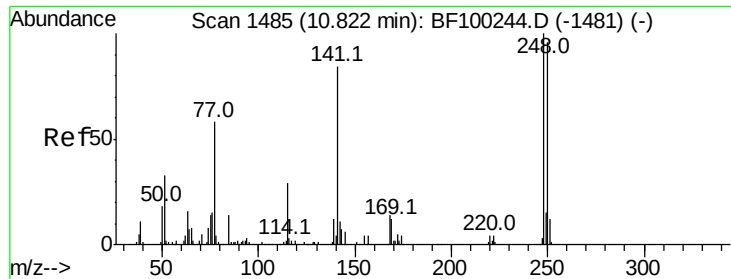


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100272.D
 Acq: 7 Nov 2017 4:08

Tgt Ion:188 Resp: 345467

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

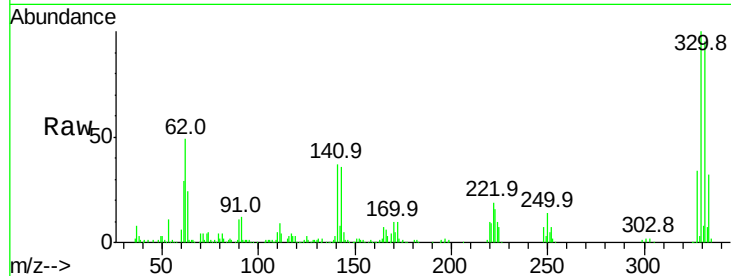




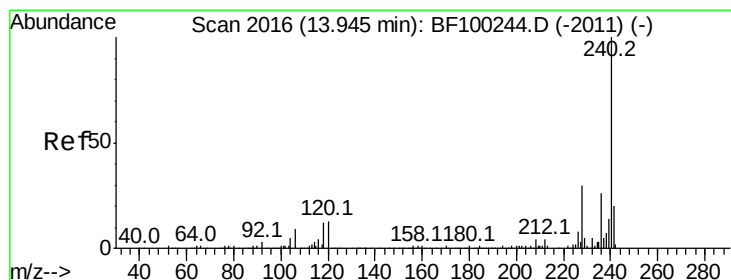
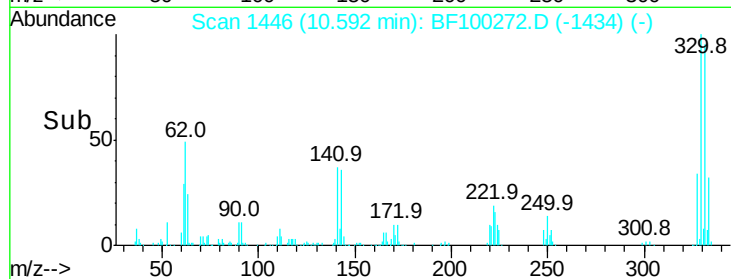
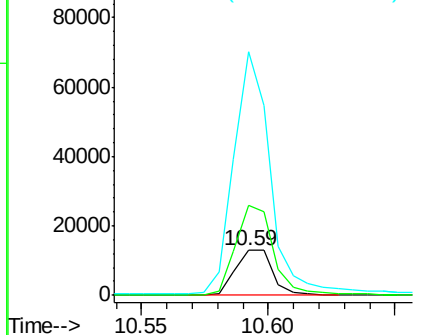
#66
 4-Bromophenyl-phenylether
 Concen: 3.653 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.23 min
 Lab File: BF100272.D
 Acq: 7 Nov 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13286
 Ion Ratio Lower Upper
 248 100
 250 201.1 76.9 115.3#
 141 542.3 74.4 111.6#

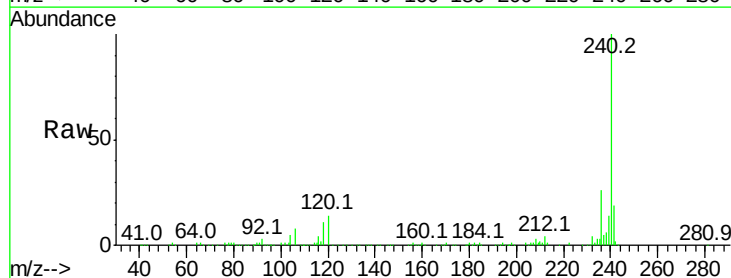


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

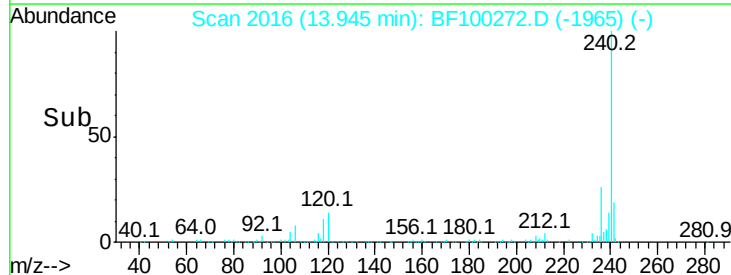
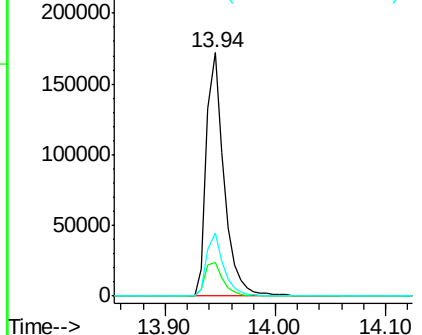


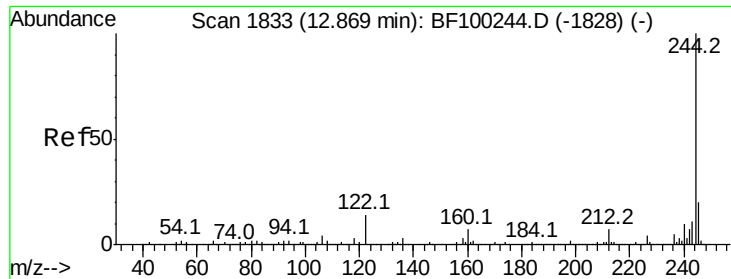
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100272.D
 Acq: 7 Nov 2017 4:08

Tgt Ion:240 Resp: 185472
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.7 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: 100.246 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

Instrument :

BNA_F

ClientSampleId :

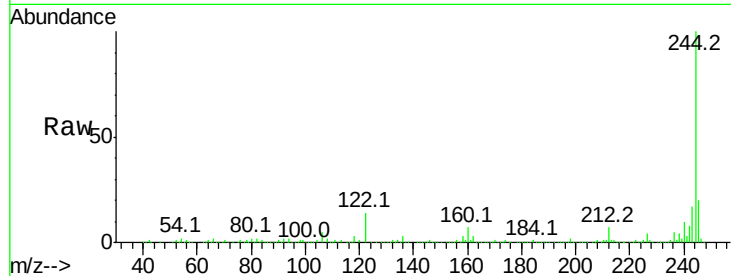
Tot Ion:244 Resp: 850782

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

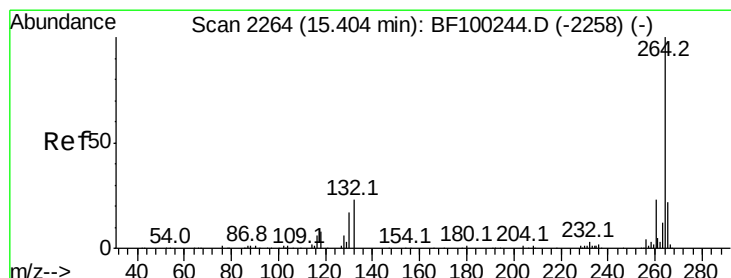
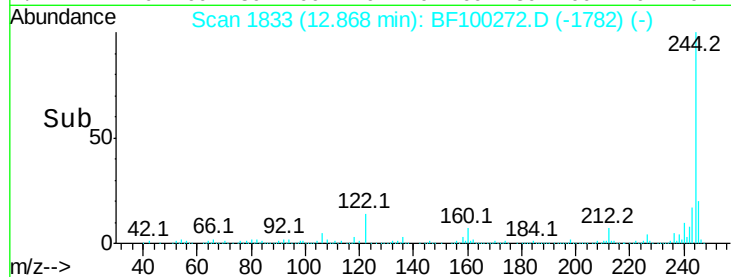
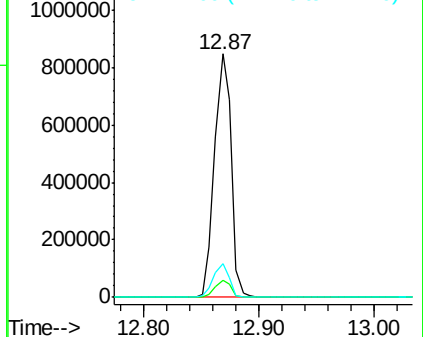
122 14.0 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF100272.D

Acq: 7 Nov 2017 4:08

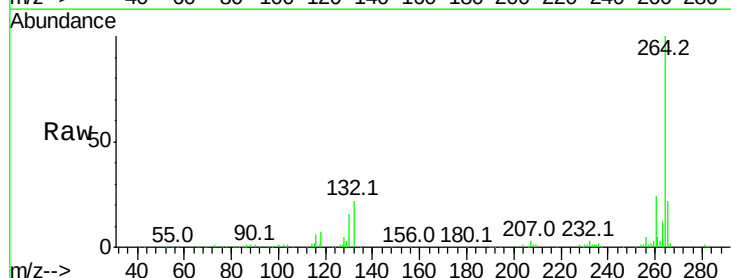
Tgt Ion:264 Resp: 171381

Ion Ratio Lower Upper

264 100

260 23.8 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

