

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099340.D
 Acq On : 11 Oct 2017 12:27
 Operator : SJ/JU
 Sample : I5749-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 15:30:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

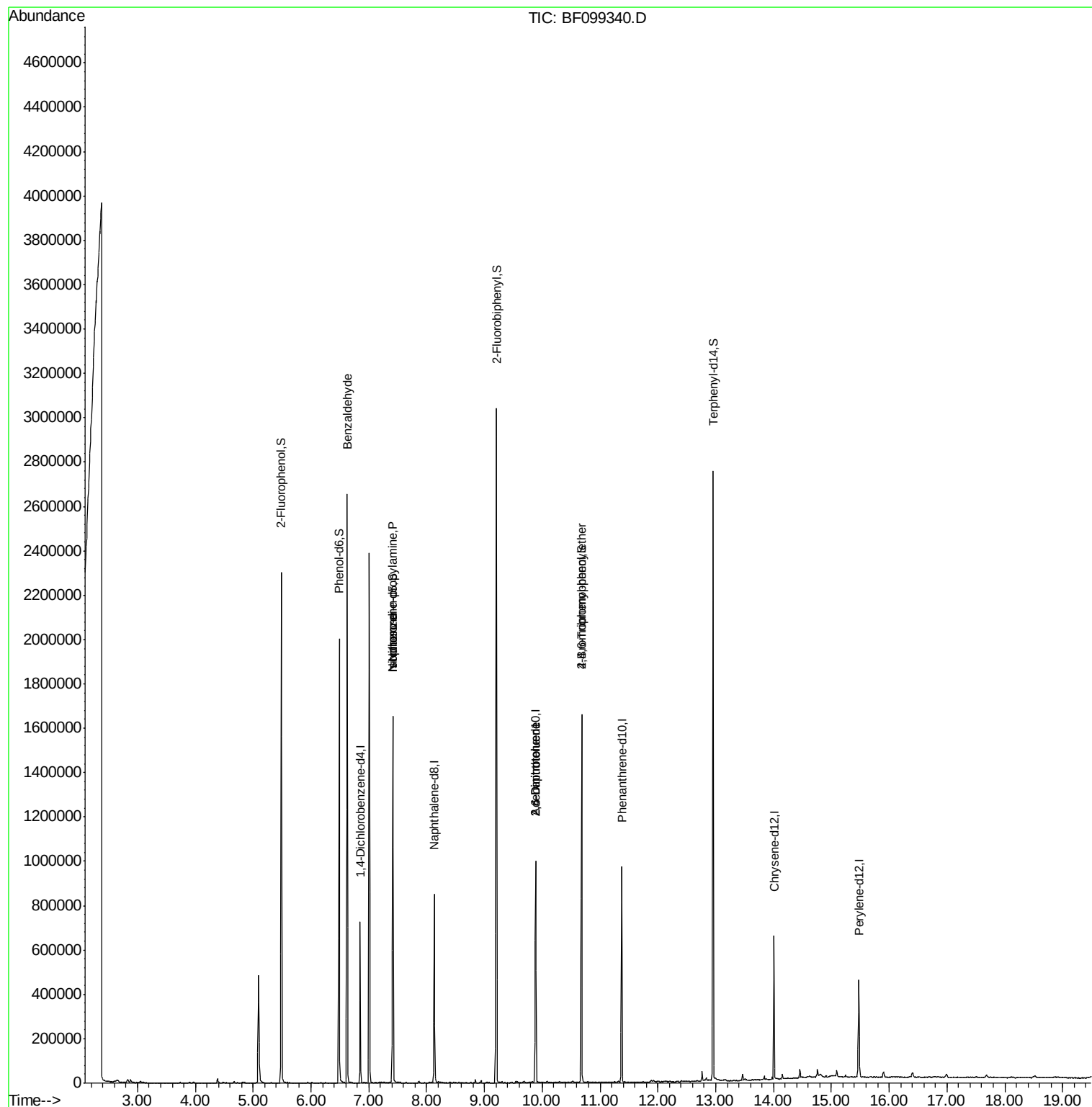
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99616	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	410327	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	188793	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	329626	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	196413	20.00	ng	-0.02
86) Perylene-d12	15.47	264	180580	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	711231	113.66	ng	0.00
7) Phenol-d6	6.49	99	736347	95.39	ng	-0.01
23) Nitrobenzene-d5	7.42	82	591709	92.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	216156	139.92	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	1110602	98.21	ng	-0.02
78) Terphenyl-d14	12.96	244	915524	106.01	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	15275	3.411	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	75437	15.306	ng	# 72
25) Isophorone	7.42	82	591704	44.729	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	24264	7.822	ng	# 26
56) 2,4-Dinitrotoluene	9.89	165	24264	6.027	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	14676	4.549	ng	# 1

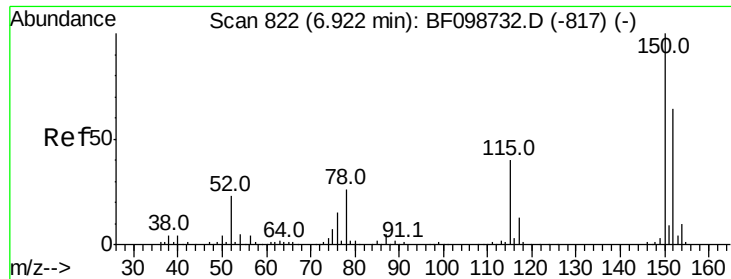
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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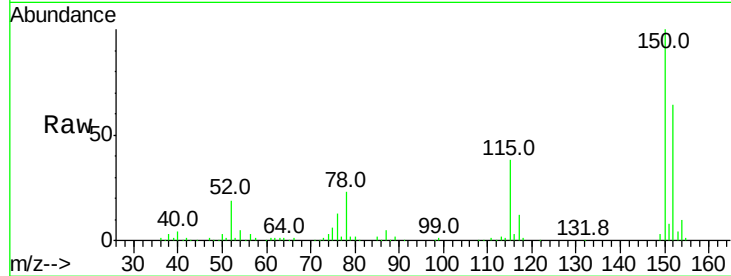


#1

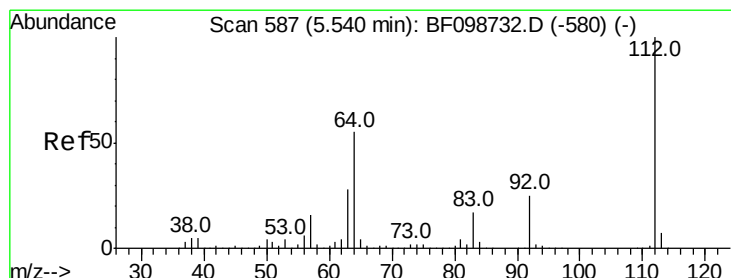
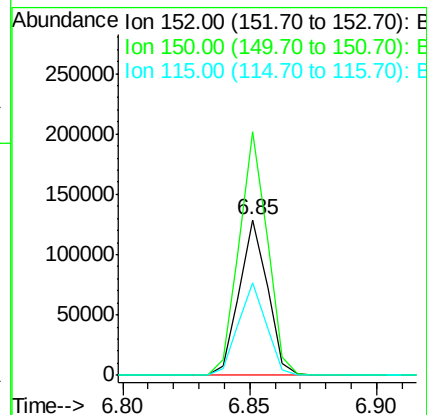
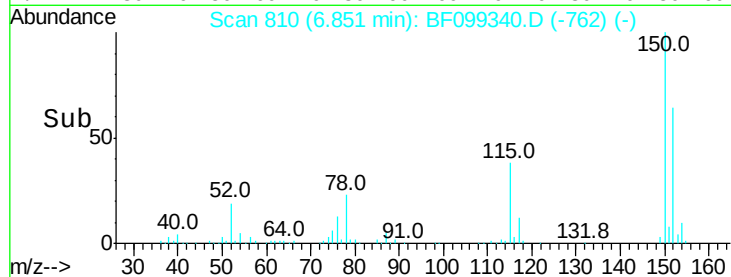
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF099340.D
Acq: 11 Oct 2017 12:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99616
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 59.5 50.1 75.1



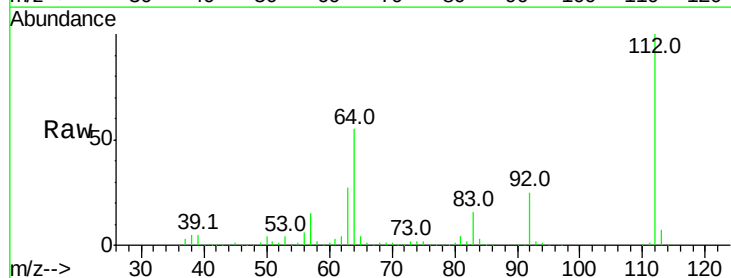
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



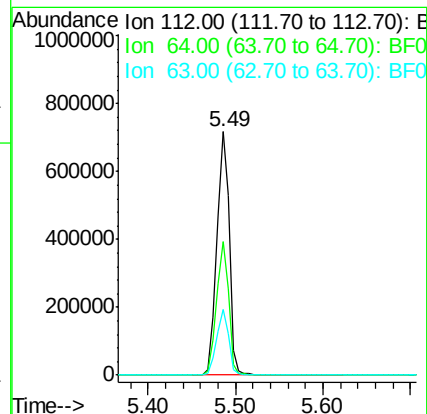
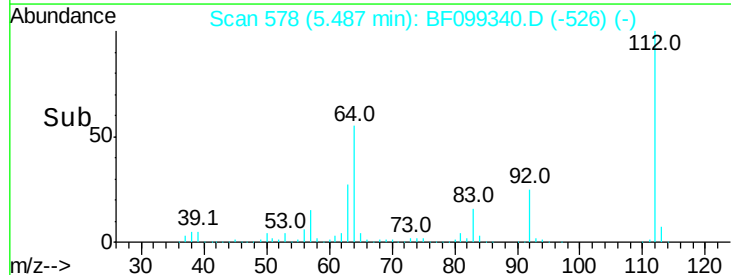
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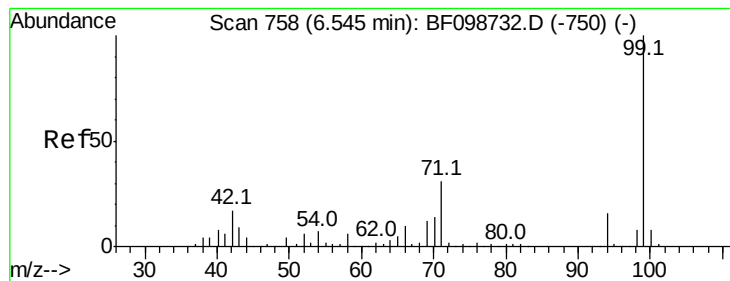
2-Fluorophenol
Concen: 113.657 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099340.D
Acq: 11 Oct 2017 12:27

Tgt Ion:112 Resp: 711231
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 26.9 23.7 35.5



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





#7

Phenol-d6

Concen: 95.387 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099340.D

Acq: 11 Oct 2017 12:27

Instrument :

BNA_F

ClientSampled :

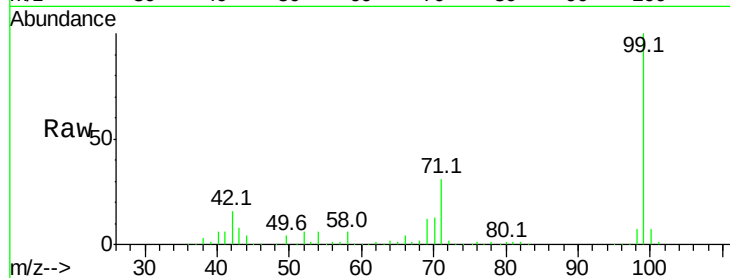
Tot Ion: 99 Resp: 736347

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

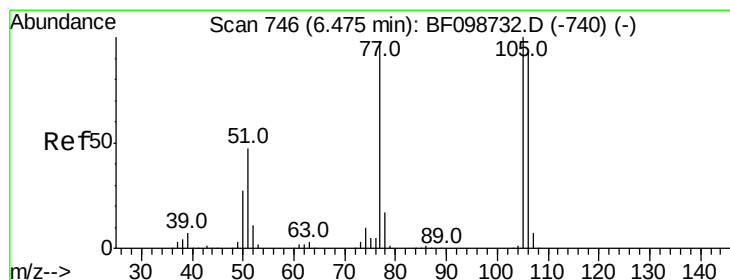
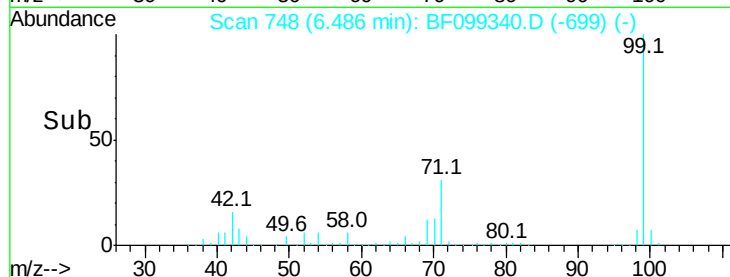
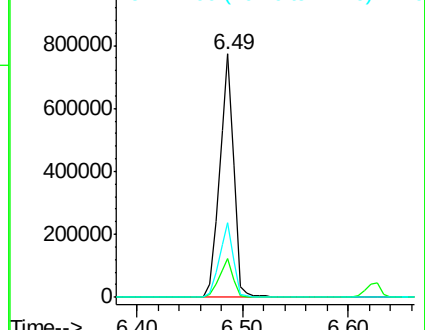
71 30.6 25.4 38.0



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: 3.411 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.21 min

Lab File: BF099340.D

Acq: 11 Oct 2017 12:27

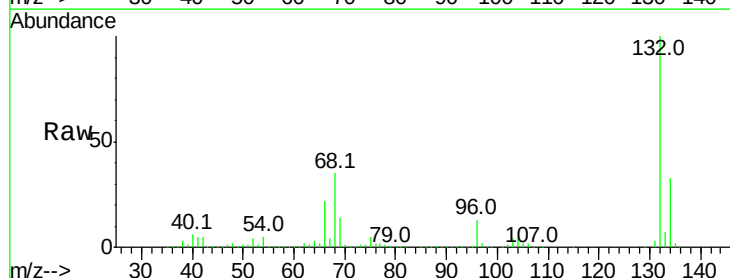
Tgt Ion: 77 Resp: 15275

Ion Ratio Lower Upper

77 100

105 93.0 81.1 121.1

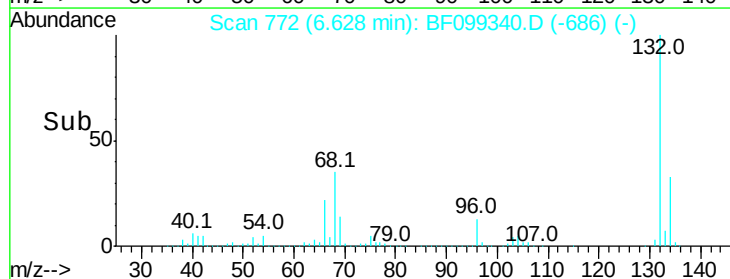
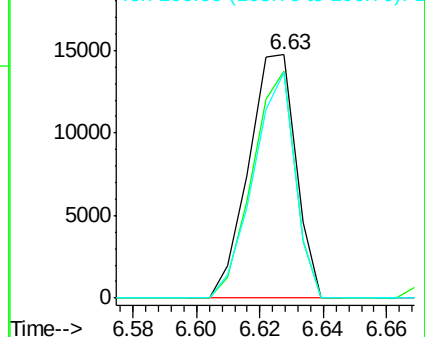
106 92.5 74.5 114.5

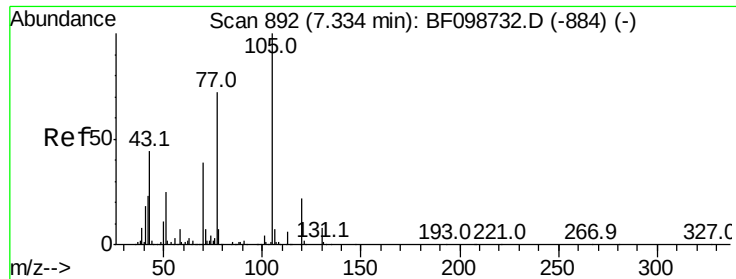


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

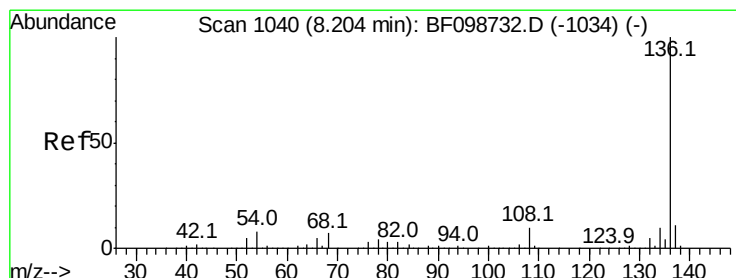
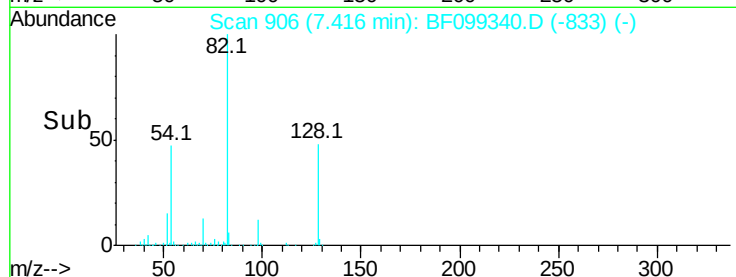
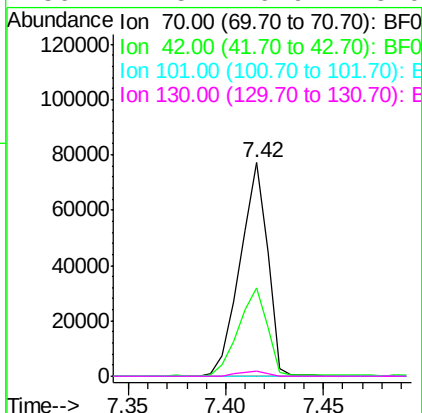
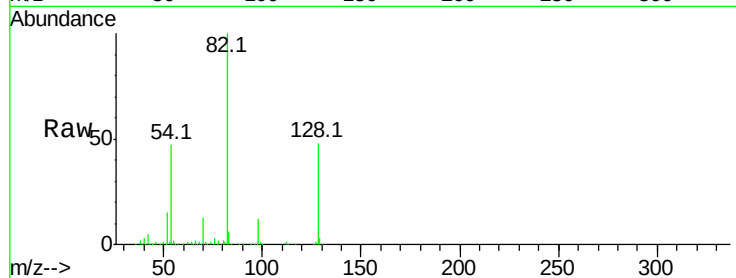




#19
n-Nitroso-di-n-propylamine
Concen: 15.306 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.13 min
Lab File: BF099340.D
Acq: 11 Oct 2017 12:27

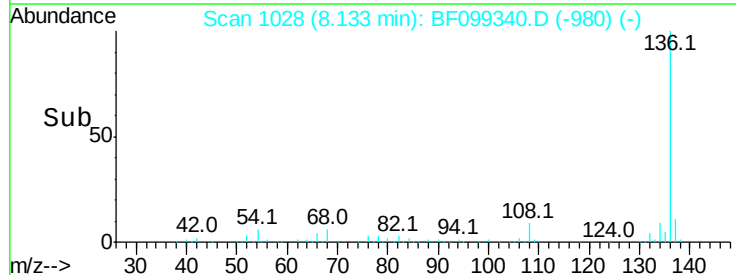
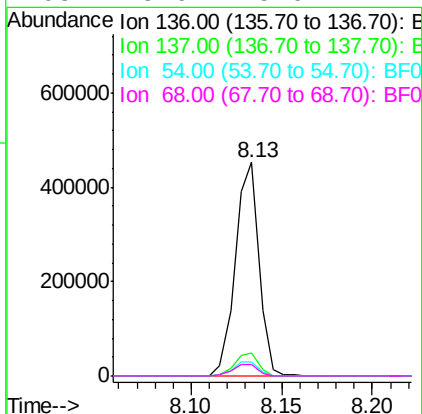
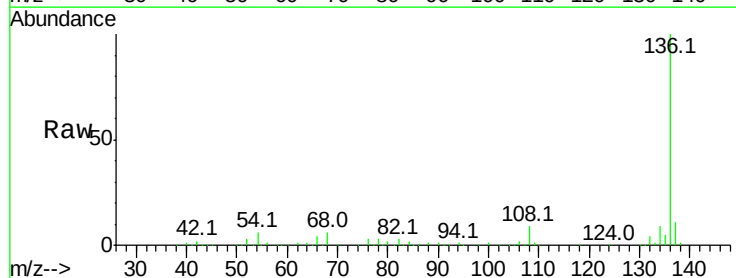
Instrument :
BNA_F
ClientSampled :

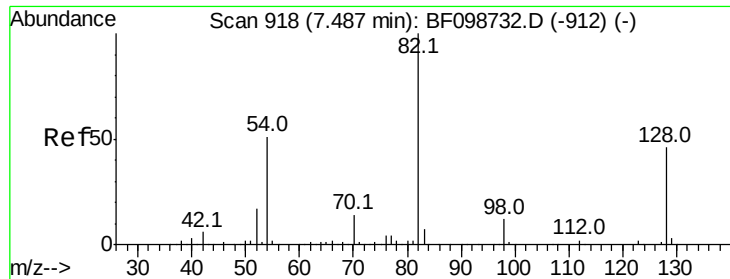
Tot Ion: 70 Resp: 75437
Ion Ratio Lower Upper
70 100
42 41.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF099340.D
Acq: 11 Oct 2017 12:27

Tgt Ion: 136 Resp: 410327
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.4 6.6 9.8#
68 5.6 5.0 7.4

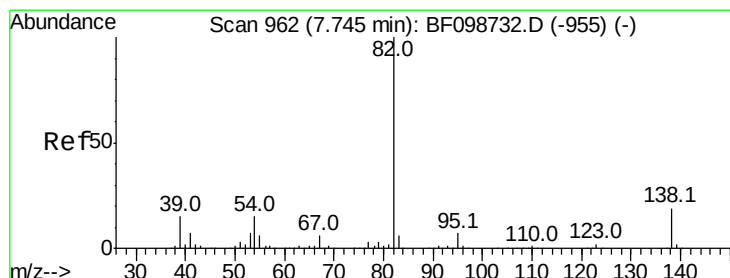
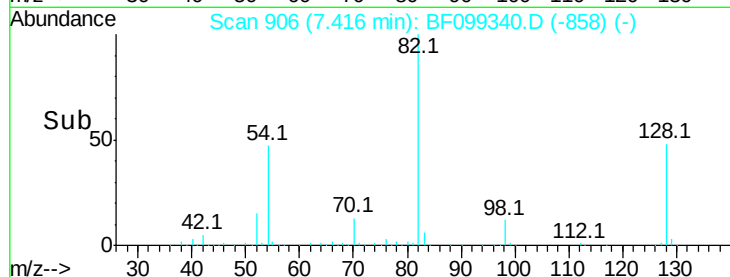
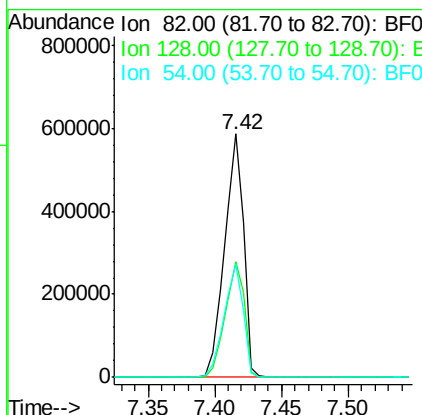
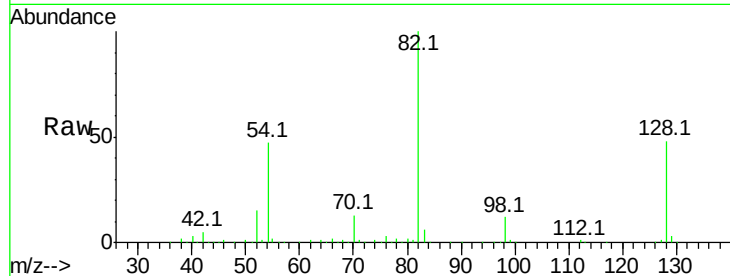




#23
 Nitrobenzene-d5
 Concen: 92.478 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF099340.D
 Acq: 11 Oct 2017 12:27

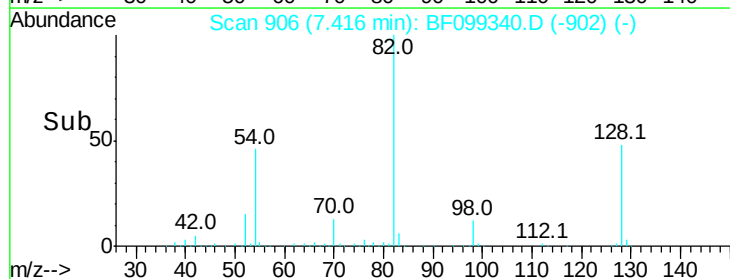
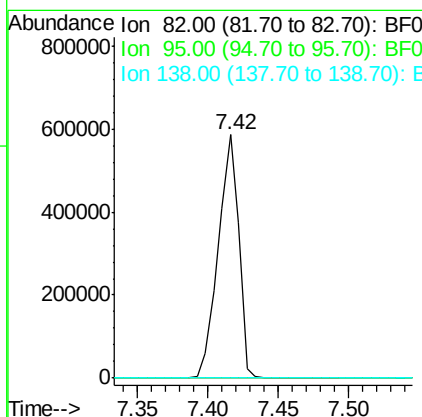
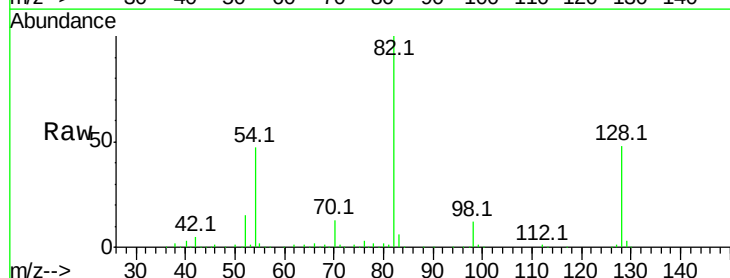
Instrument :
 BNA_F
 ClientSampleId :

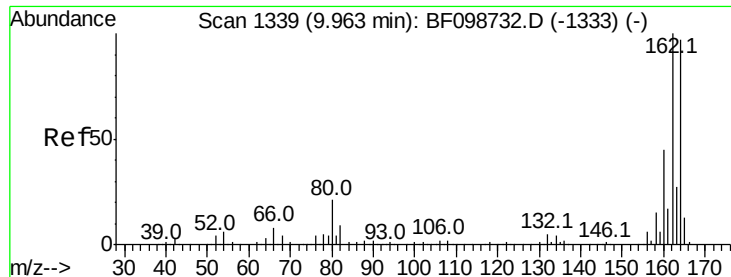
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	46.5	41.4	62.2



#25
 Isophorone
 Concen: 44.729 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.28 min
 Lab File: BF099340.D
 Acq: 11 Oct 2017 12:27

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

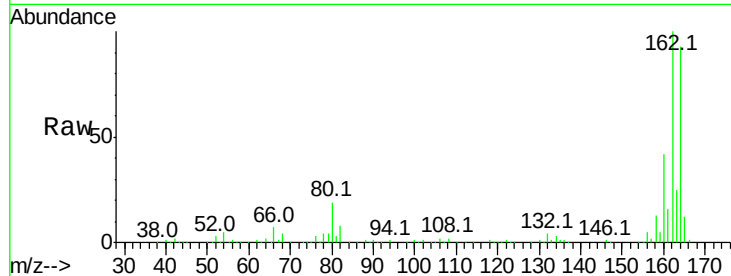




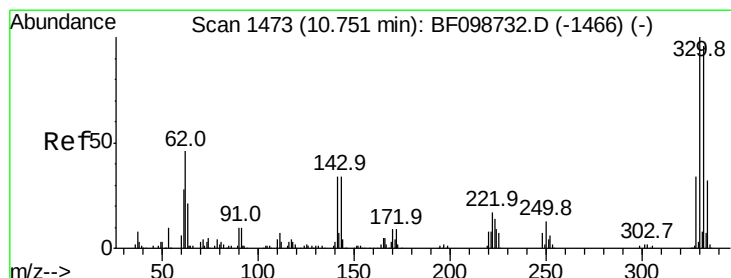
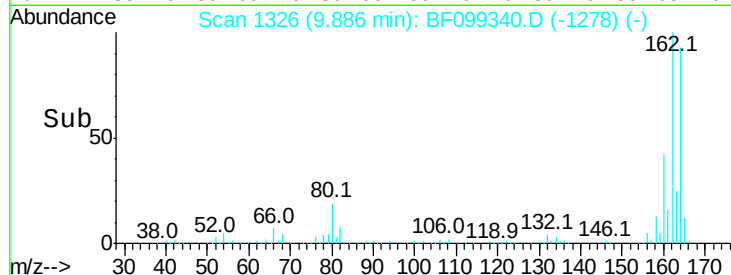
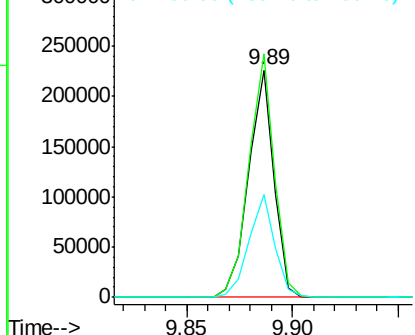
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF099340.D
Acq: 11 Oct 2017 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 188793
Ion Ratio Lower Upper
164 100
162 107.2 86.1 129.1
160 45.3 38.3 57.5

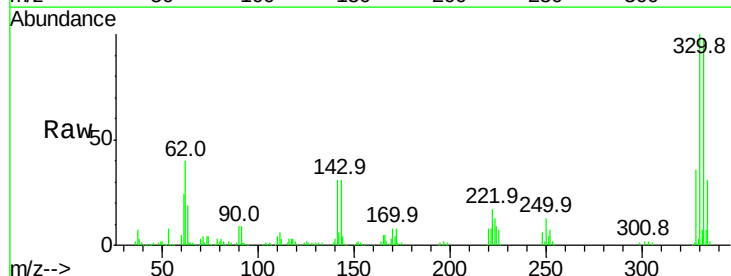


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

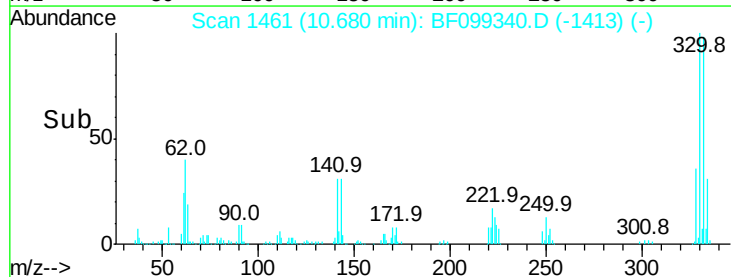
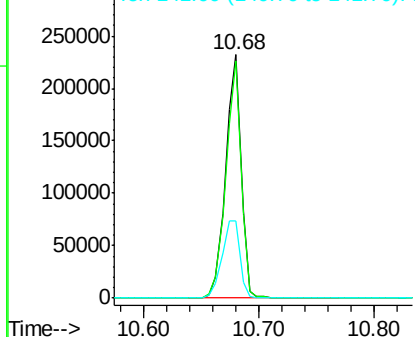


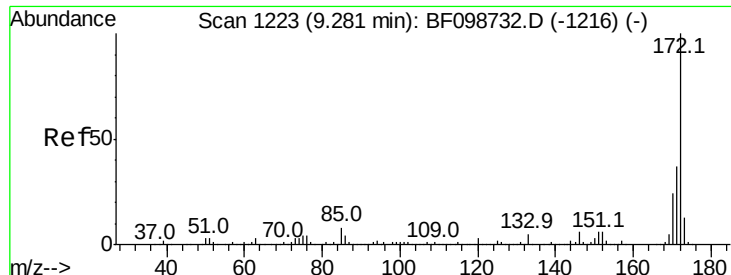
#41
2,4,6-Tribromophenol
Concen: 139.921 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.02 min
Lab File: BF099340.D
Acq: 11 Oct 2017 12:27

Tgt Ion:330 Resp: 216156
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 36.6 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



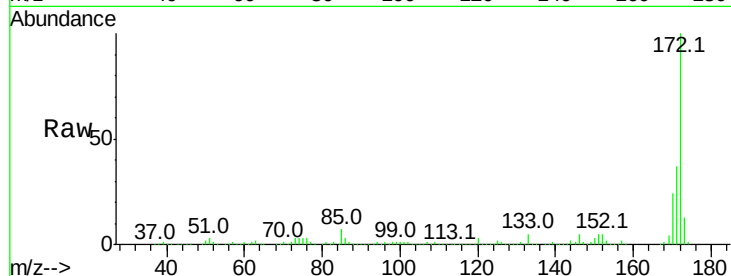


#44
 2-Fluorobiphenyl
 Concen: 98.206 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF099340.D
 Acq: 11 Oct 2017 12:27

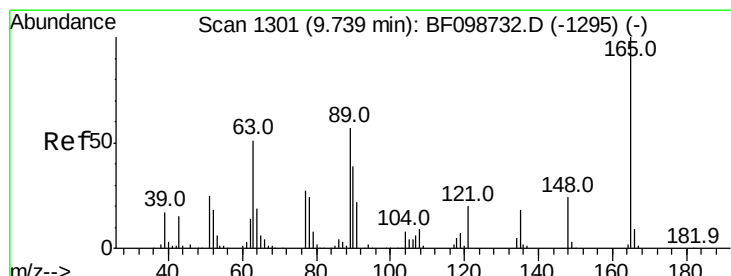
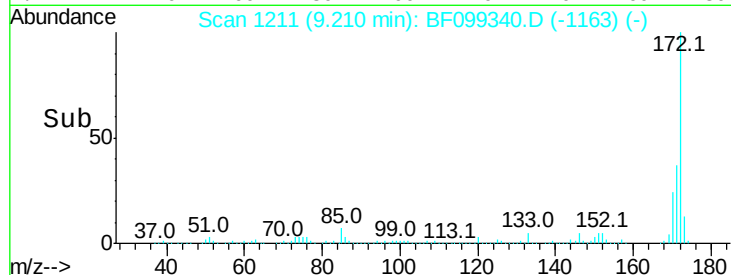
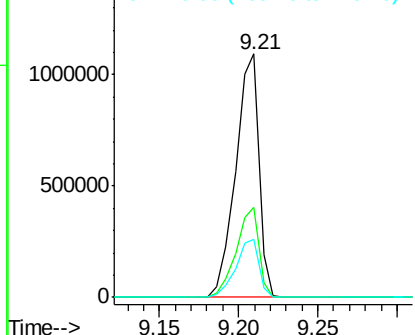
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:172 Resp: 1110602

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.0	19.6	29.4



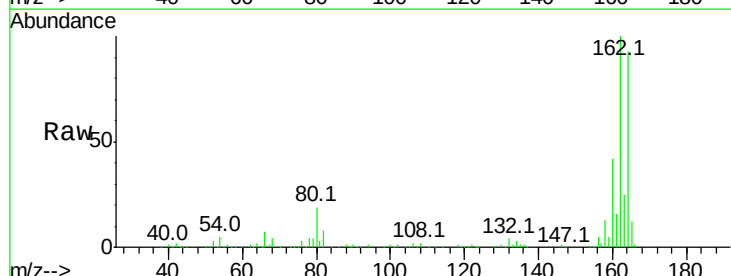
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



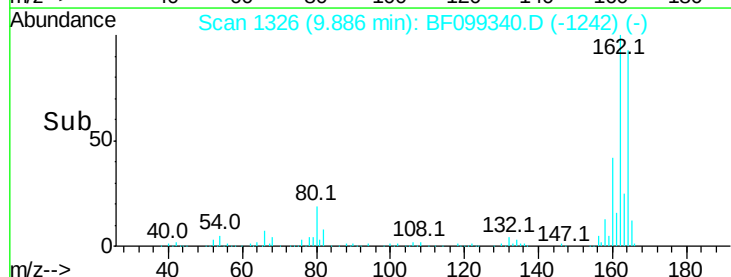
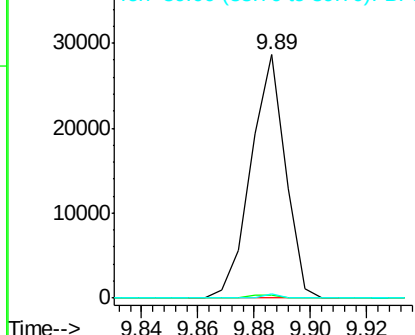
#50
 2,6-Dinitrotoluene
 Concen: 7.822 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.19 min
 Lab File: BF099340.D
 Acq: 11 Oct 2017 12:27

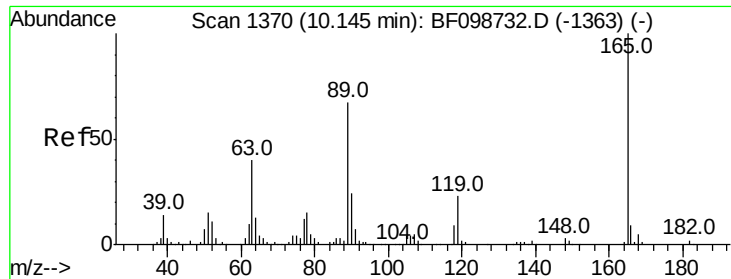
Tgt Ion:165 Resp: 24264

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#



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

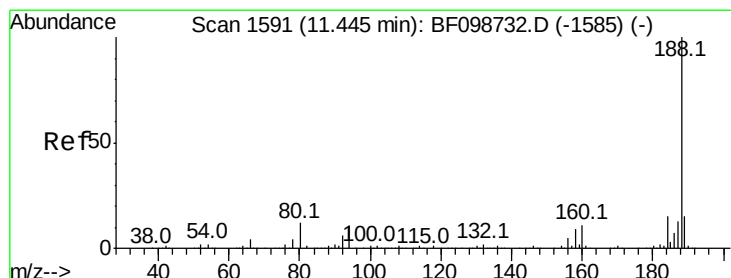
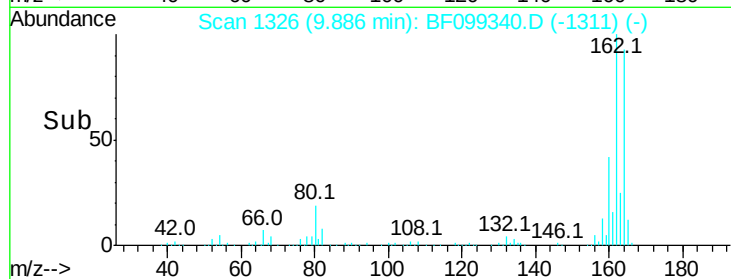
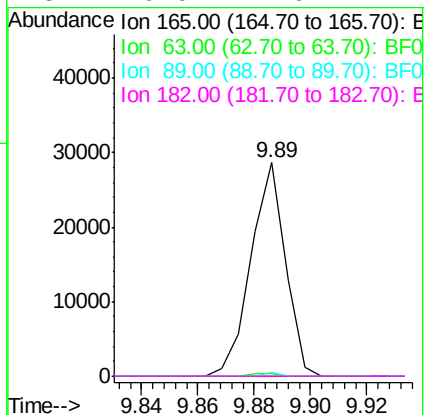
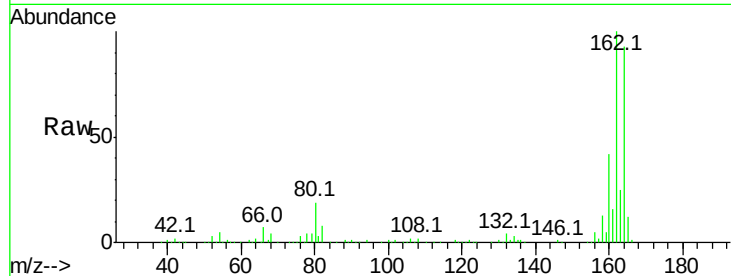




#56
 2,4-Dinitrotoluene
 Concen: 6.027 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099340.D
 Acq: 11 Oct 2017 12:27

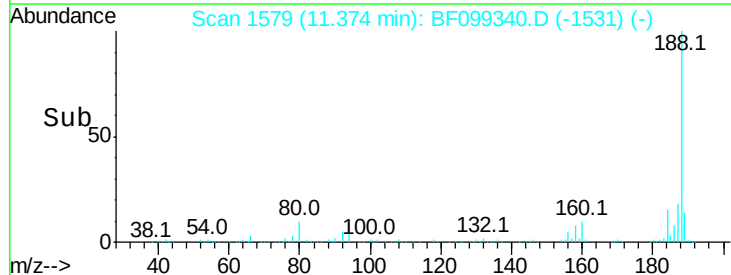
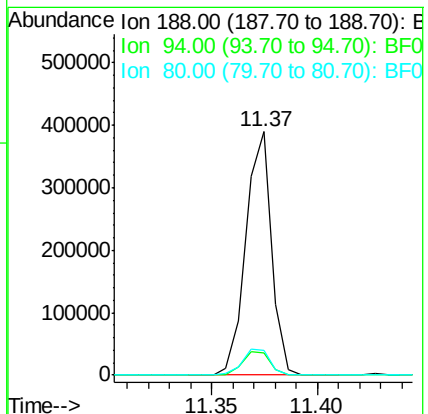
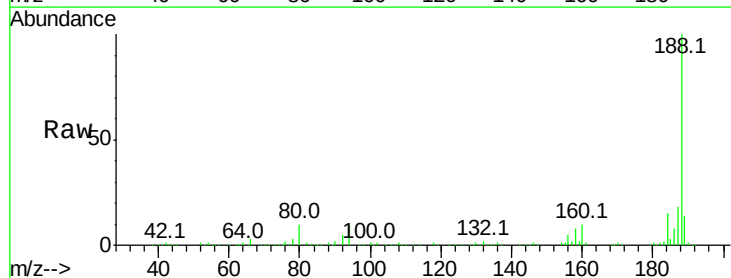
Instrument :
 BNA_F
 ClientSampleId :

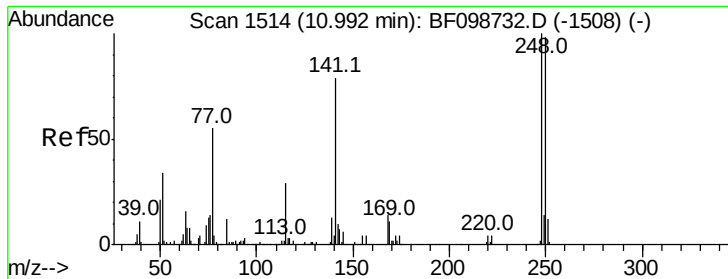
Tot Ion:165 Resp: 24264
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF099340.D
 Acq: 11 Oct 2017 12:27

Tgt Ion:188 Resp: 329626
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.2 9.2 13.8

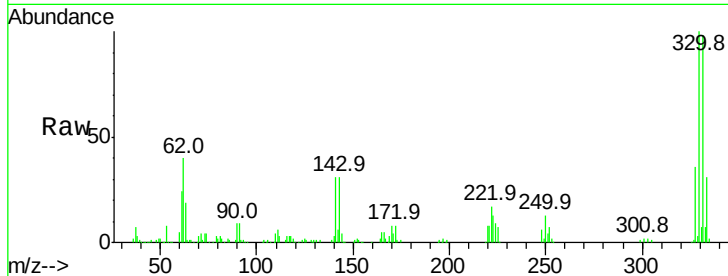




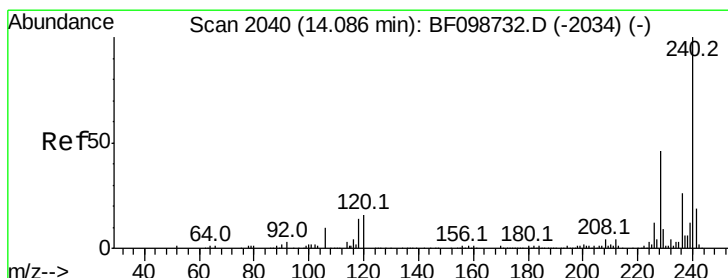
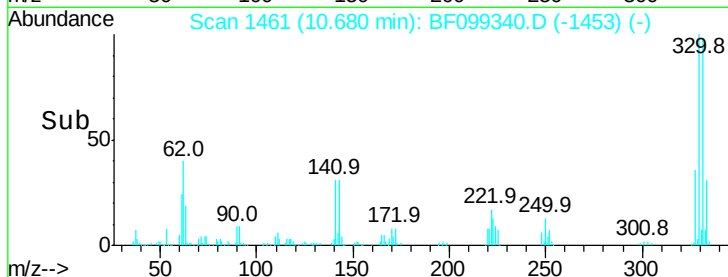
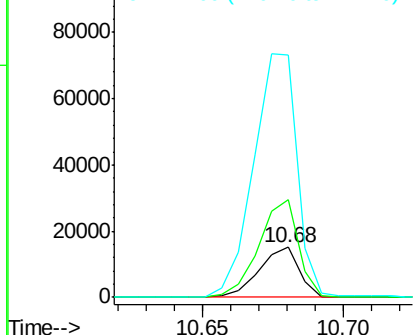
#66
 4-Bromophenyl-phenylether
 Concen: 4.549 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF099340.D
 Acq: 11 Oct 2017 12:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14676
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 484.4 74.4 111.6#

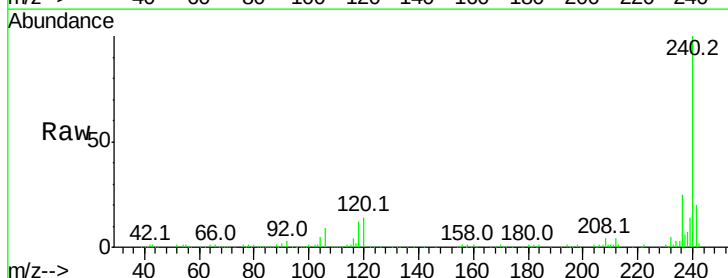


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

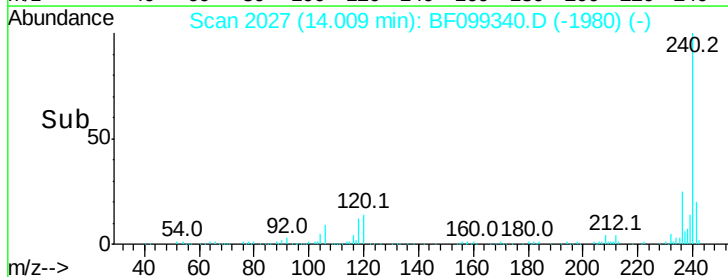
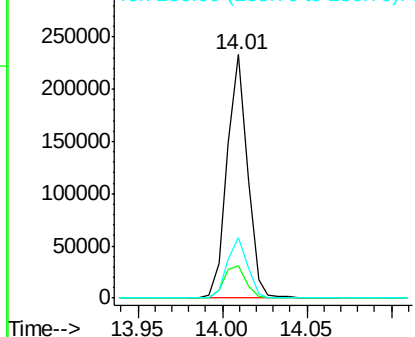


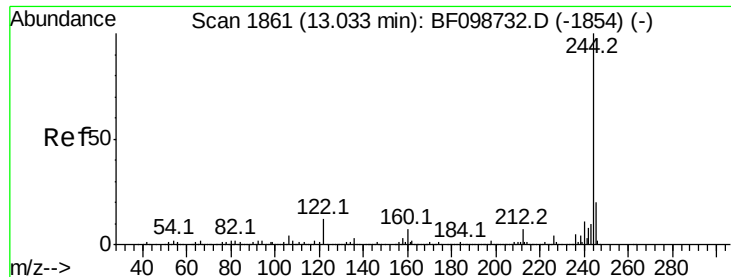
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF099340.D
 Acq: 11 Oct 2017 12:27

Tgt Ion:240 Resp: 196413
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.1 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: 106.006 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF099340.D

Acq: 11 Oct 2017 12:27

Instrument :

BNA_F

ClientSampleId :

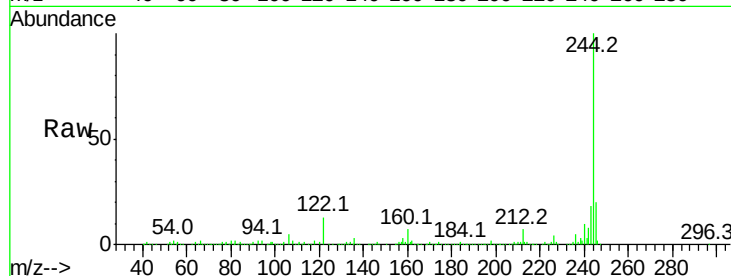
Tot Ion:244 Resp: 915524

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

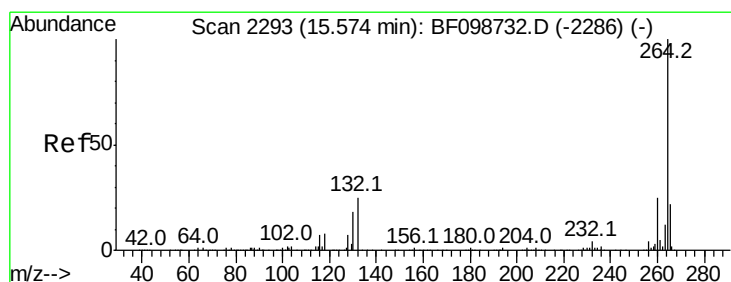
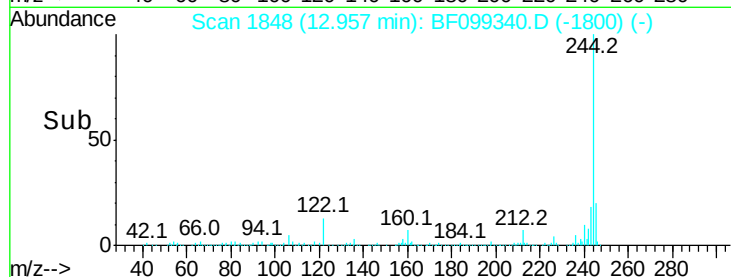
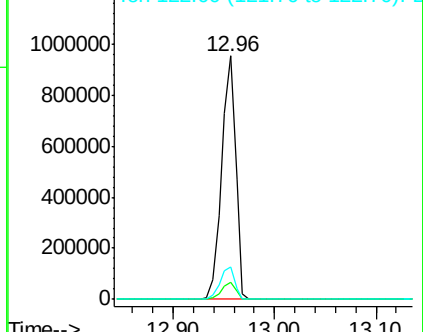
122 13.2 11.0 16.4



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: 15.47 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BF099340.D

Acq: 11 Oct 2017 12:27

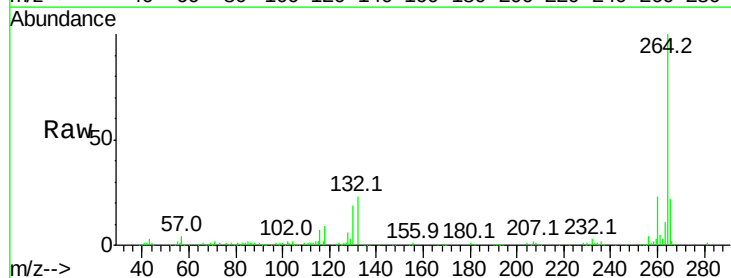
Tgt Ion:264 Resp: 180580

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.7 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

