

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099346.D
 Acq On : 11 Oct 2017 15:12
 Operator : SJ/JU
 Sample : I5763-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 16:56:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

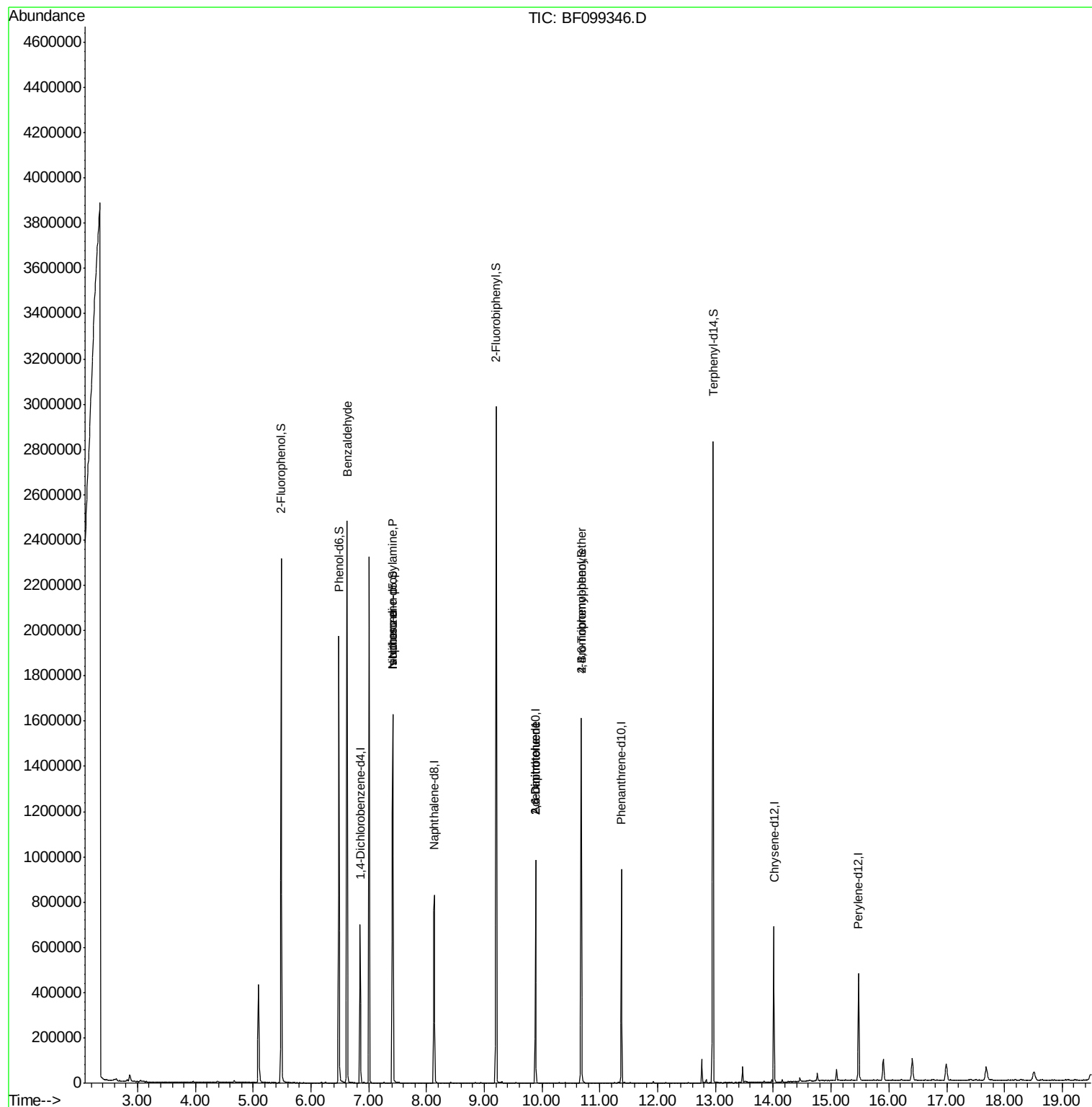
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99702	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	416513	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	190905	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	338311	20.00	ng	0.00
75) Chrysene-d12	14.01	240	203692	20.00	ng	0.00
86) Perylene-d12	15.48	264	177165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	708474	113.12	ng	0.02
7) Phenol-d6	6.49	99	739711	95.74	ng	0.00
23) Nitrobenzene-d5	7.42	82	587955	90.53	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	214267	137.16	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1122629	98.17	ng	0.00
78) Terphenyl-d14	12.96	244	958801	107.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	15708	3.505	ng	85
19) n-Nitroso-di-n-propylamine	7.42	70	74443	15.091	ng	# 74
25) Isophorone	7.42	82	587947	43.785	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	24157	7.701	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	24157	5.934	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	14721	4.445	ng	# 1

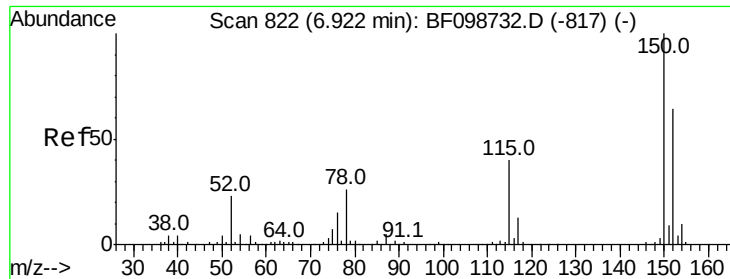
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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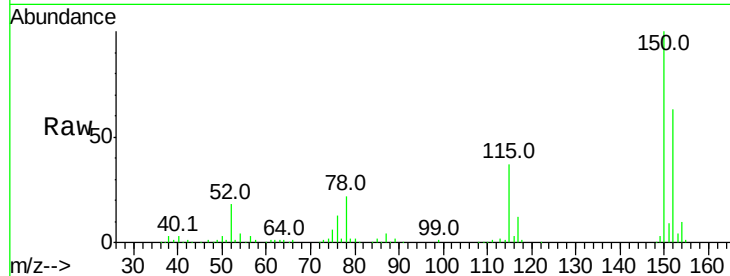


#1

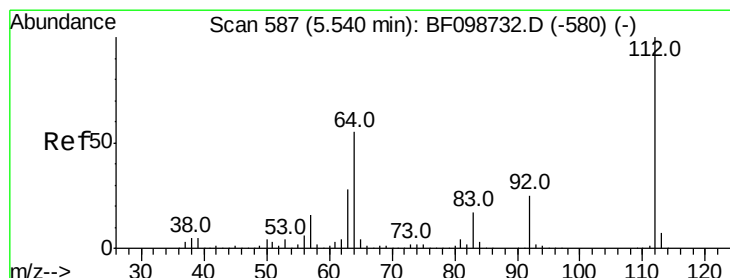
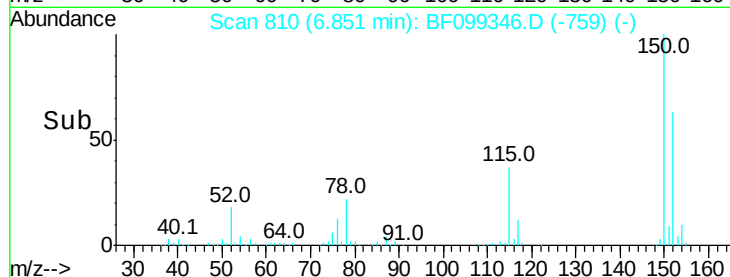
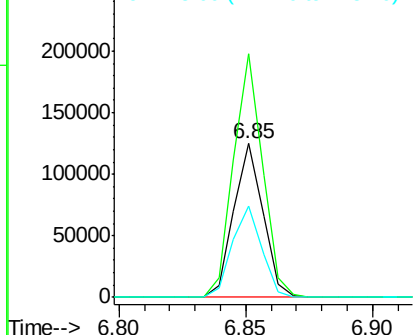
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099346.D
Acq: 11 Oct 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99702
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 59.3 50.1 75.1



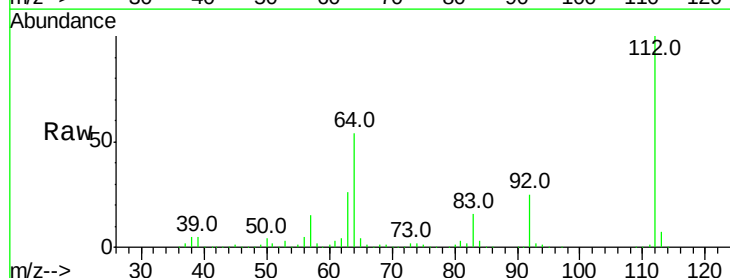
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



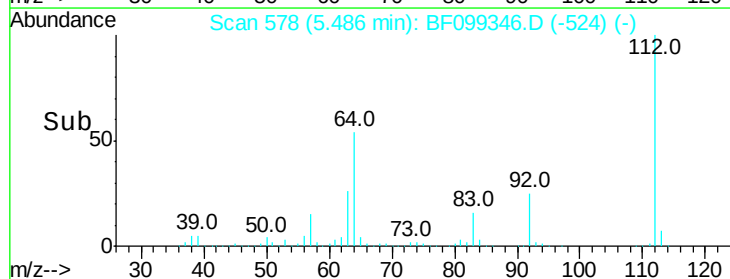
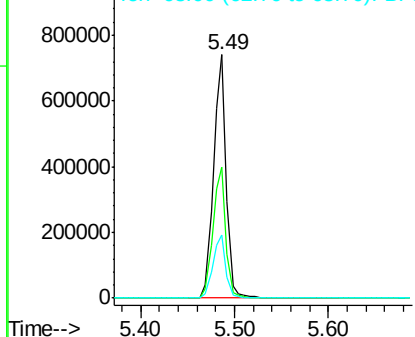
#5

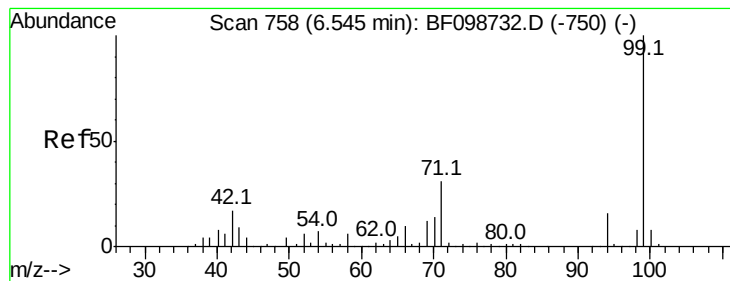
2-Fluorophenol
Concen: 113.119 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099346.D
Acq: 11 Oct 2017 15:12

Tgt Ion:112 Resp: 708474
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 26.1 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: 95.740 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099346.D

Acq: 11 Oct 2017 15:12

Instrument :

BNA_F

ClientSampled :

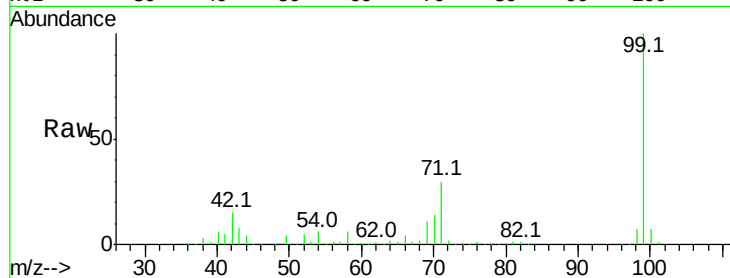
Tot Ion: 99 Resp: 739711

Ion Ratio Lower Upper

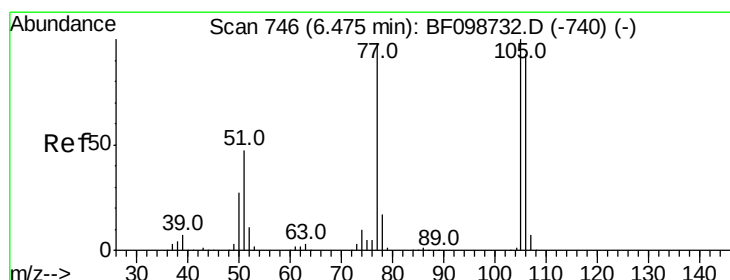
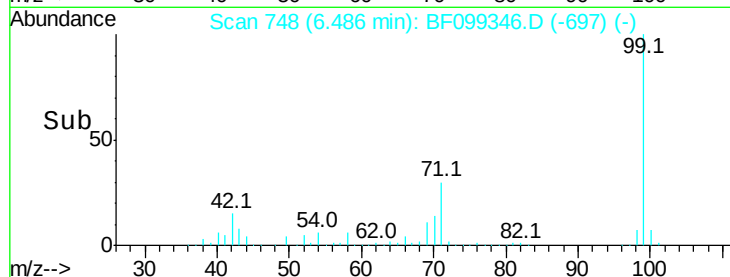
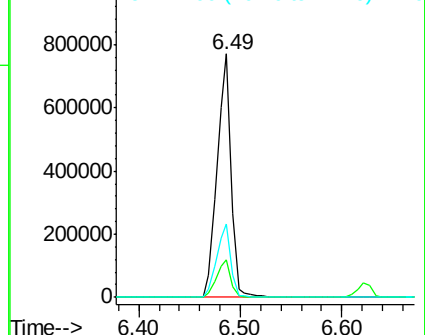
99 100

42 15.2 14.5 21.7

71 30.1 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: 3.505 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099346.D

Acq: 11 Oct 2017 15:12

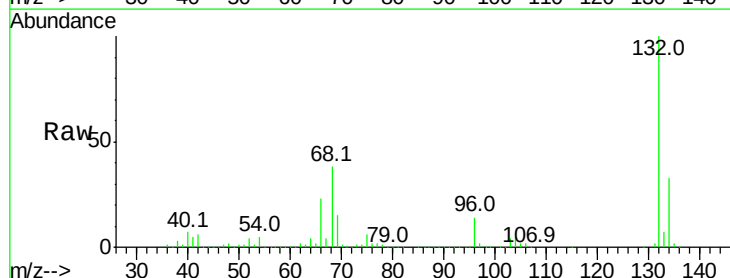
Tgt Ion: 77 Resp: 15708

Ion Ratio Lower Upper

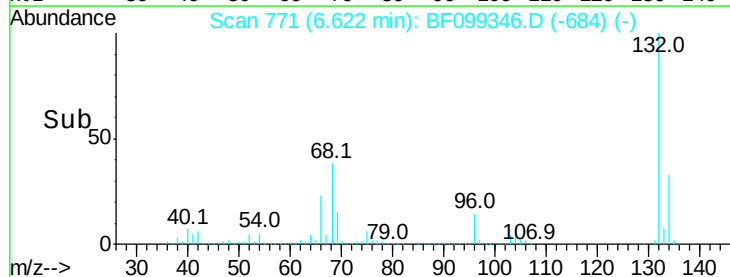
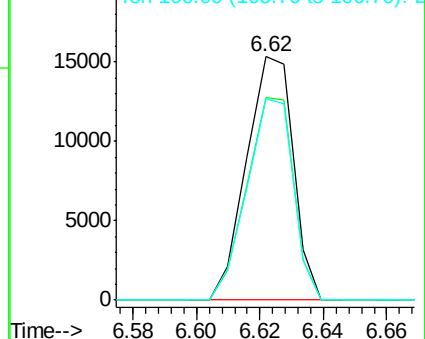
77 100

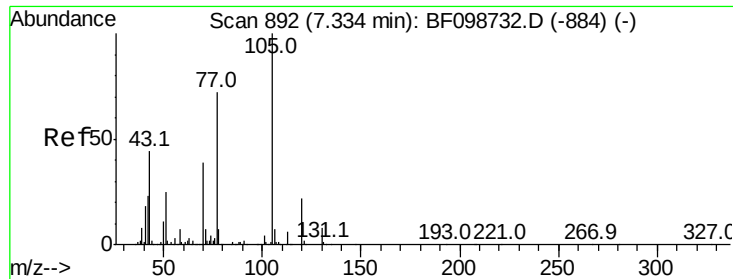
105 83.3 81.1 121.1

106 82.5 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

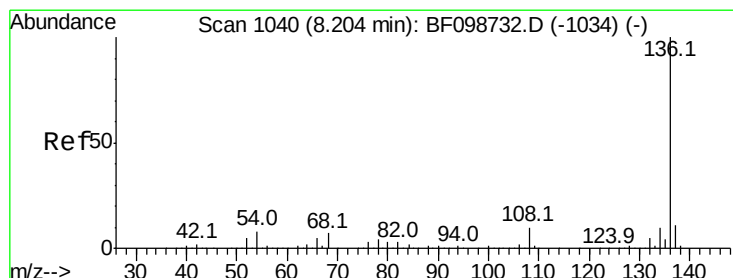
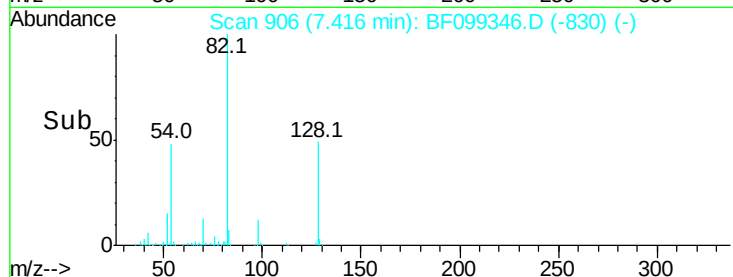
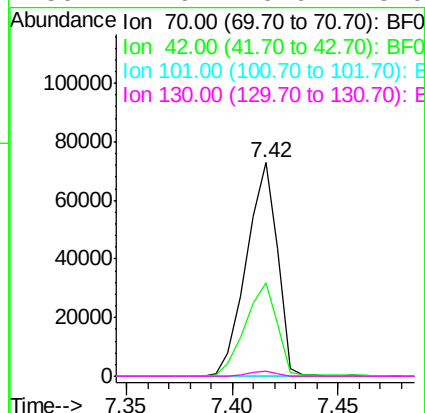
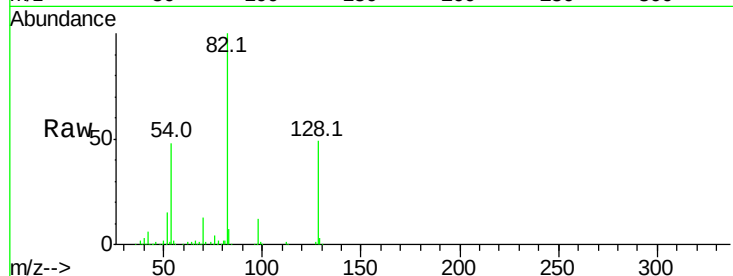




#19
n-Nitroso-di-n-propylamine
Concen: 15.091 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099346.D
Acq: 11 Oct 2017 15:12

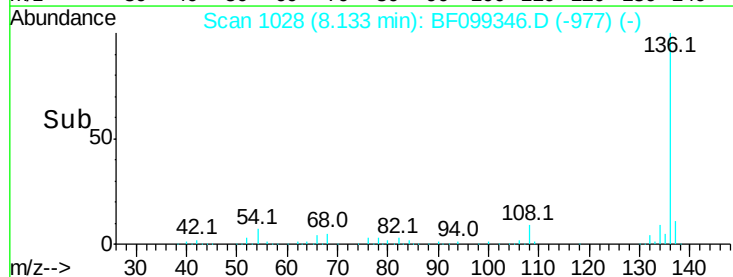
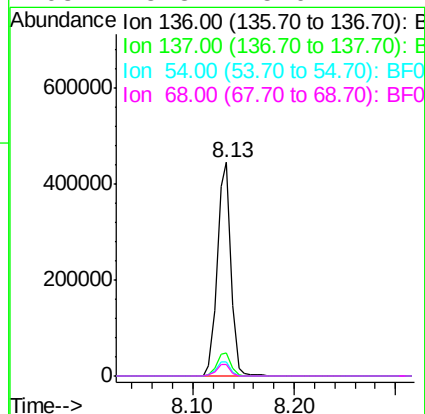
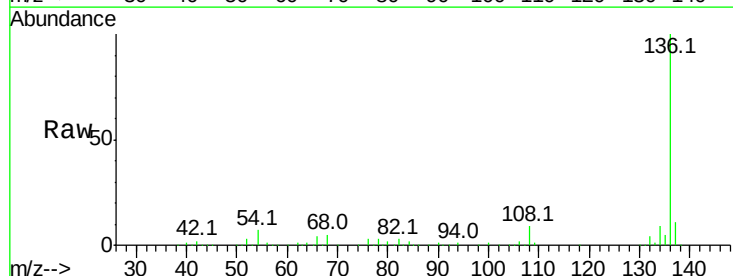
Instrument :
BNA_F
ClientSampleId :

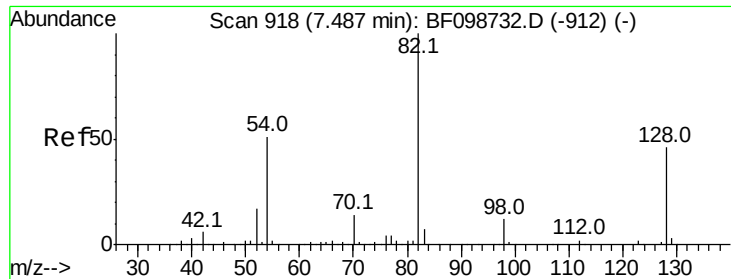
Tot Ion: 70 Resp: 74443
Ion Ratio Lower Upper
70 100
42 43.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099346.D
Acq: 11 Oct 2017 15:12

Tgt Ion: 136 Resp: 416513
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.9 6.6 9.8
68 5.3 5.0 7.4

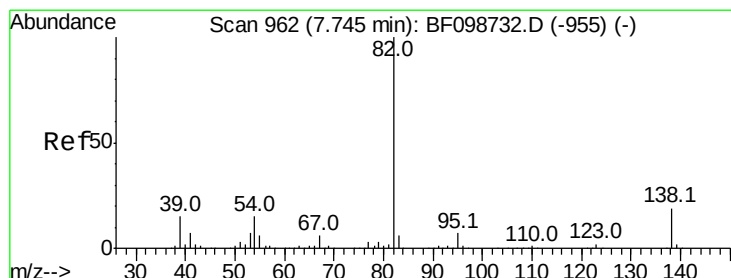
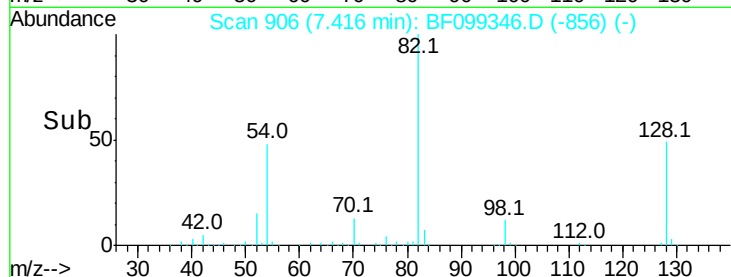
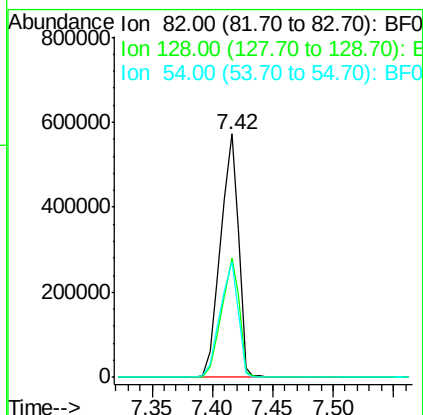
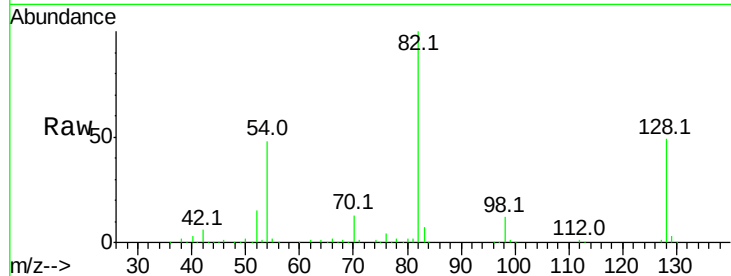




#23
 Nitrobenzene-d5
 Concen: 90.527 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099346.D
 Acq: 11 Oct 2017 15:12

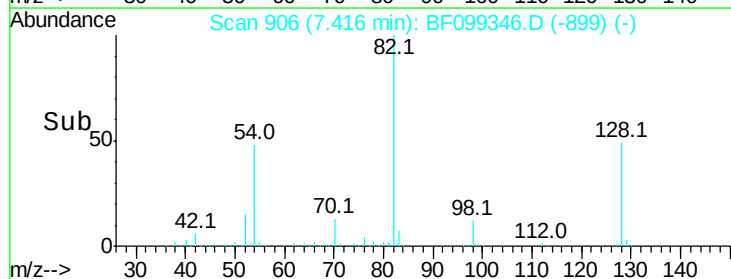
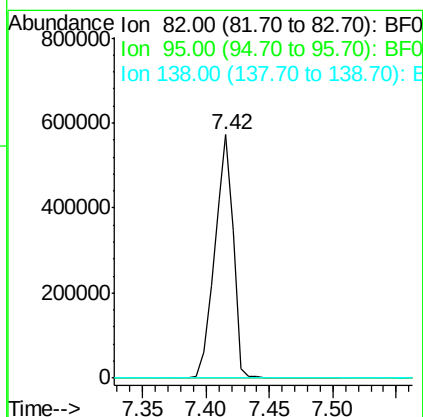
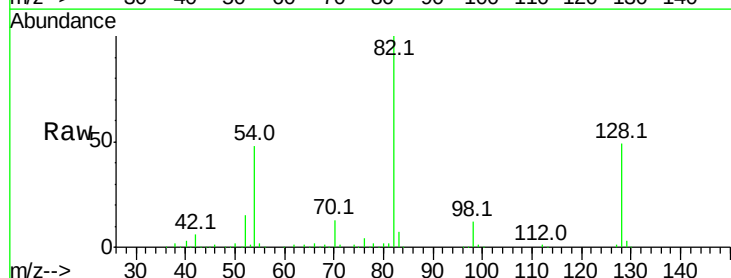
Instrument :
 BNA_F
 ClientSampled :

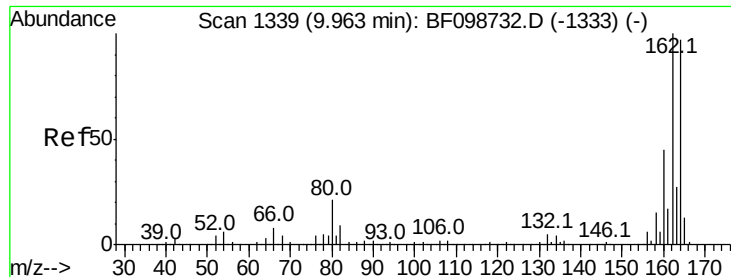
Tot Ion	82	Resp	587955
Ion Ratio	100	Lower	Upper
128	49.0	36.1	54.1
54	47.5	41.4	62.2



#25
 Isophorone
 Concen: 43.785 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF099346.D
 Acq: 11 Oct 2017 15:12

Tgt Ion	82	Resp	587947
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

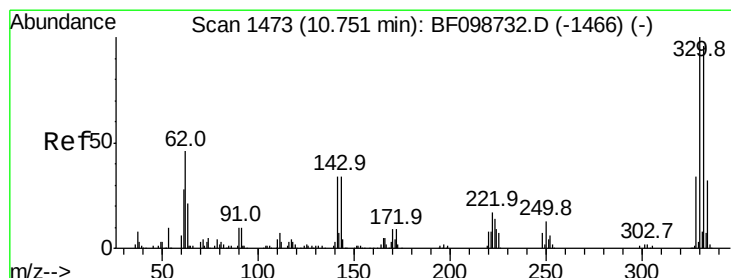
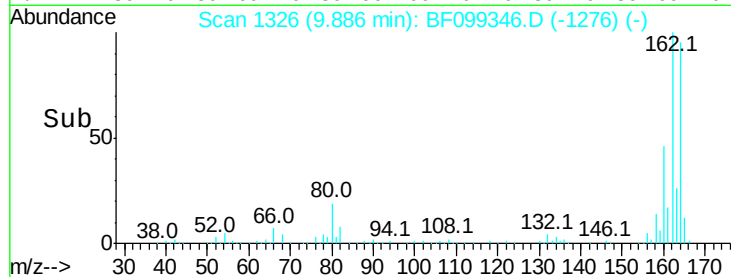
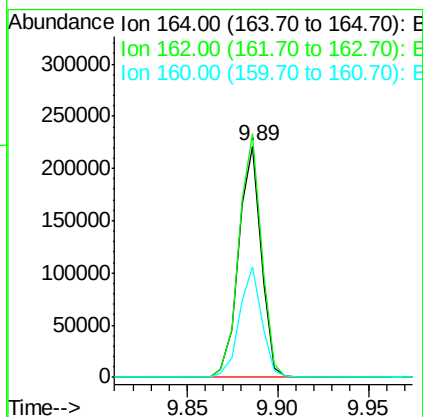
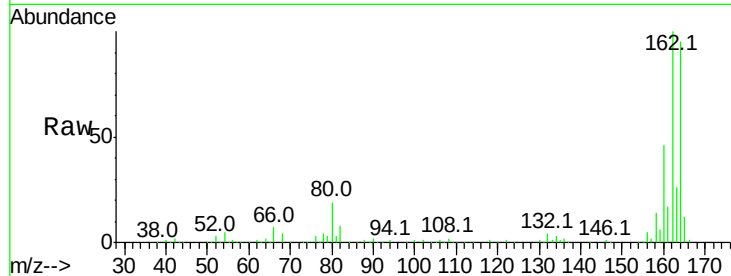




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099346.D
 Acq: 11 Oct 2017 15:12

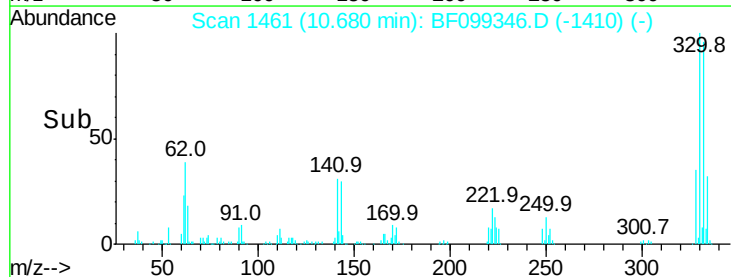
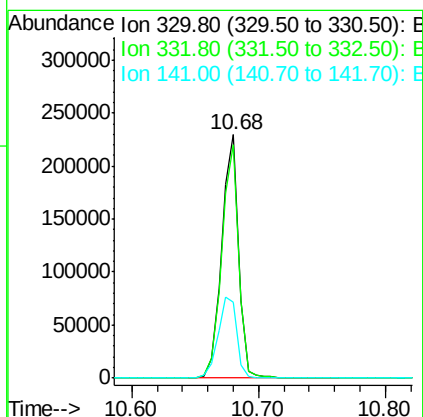
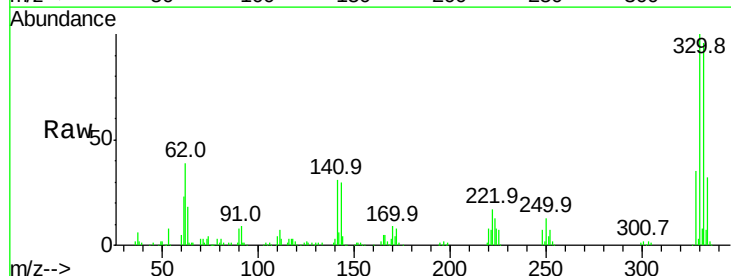
Instrument :
 BNA_F
 ClientSampleId :

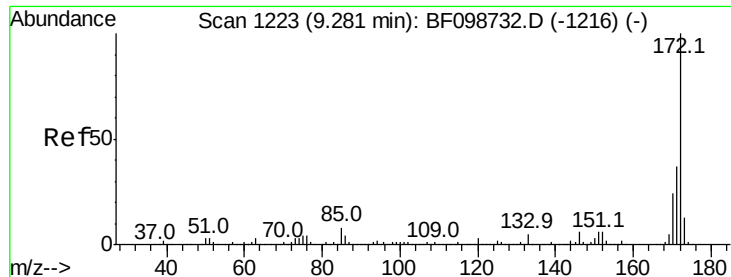
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	48.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 137.164 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099346.D
 Acq: 11 Oct 2017 15:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	37.1	29.9	44.9



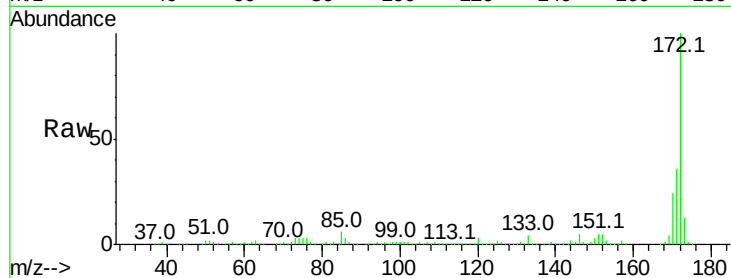


#44
 2-Fluorobiphenyl
 Concen: 98.171 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099346.D
 Acq: 11 Oct 2017 15:12

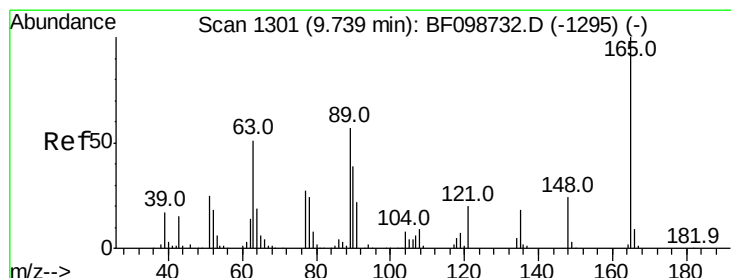
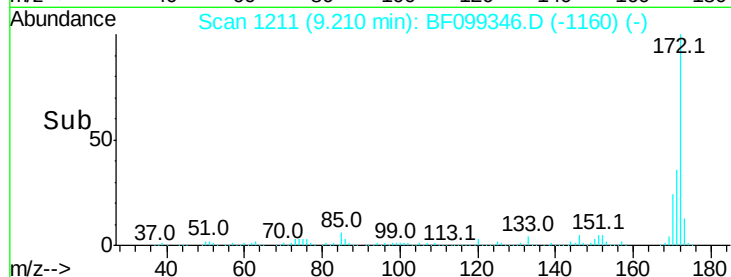
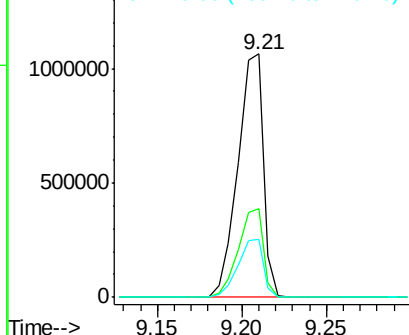
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1122629

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



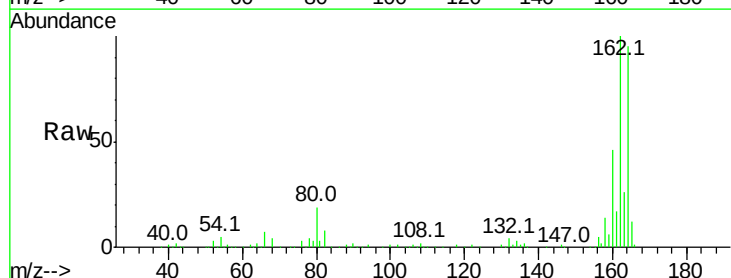
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



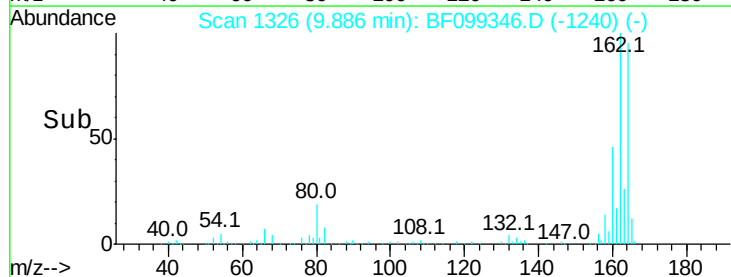
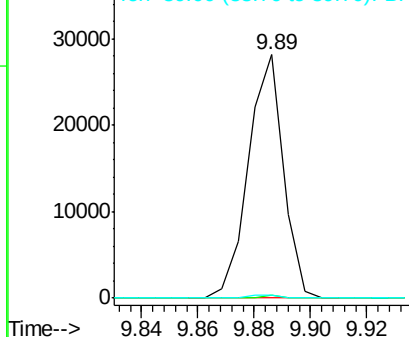
#50
 2,6-Dinitrotoluene
 Concen: 7.701 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099346.D
 Acq: 11 Oct 2017 15:12

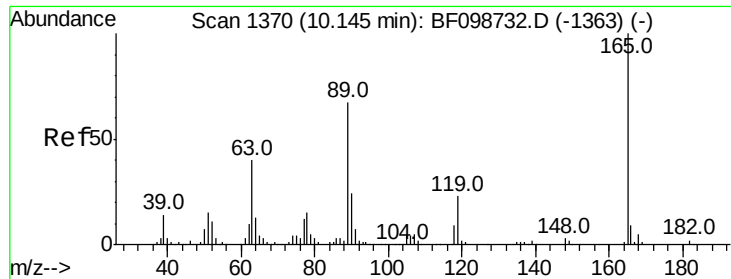
Tgt Ion:165 Resp: 24157

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	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

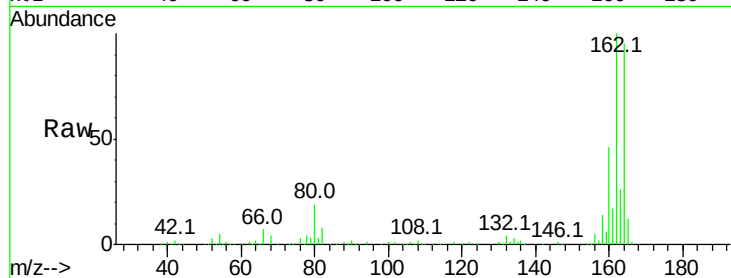




#56
 2,4-Dinitrotoluene
 Concen: 5.934 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099346.D
 Acq: 11 Oct 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	24157
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#

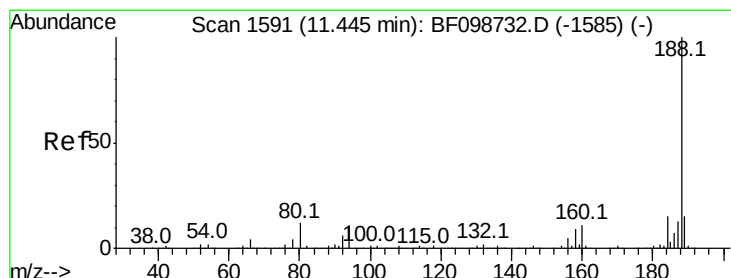
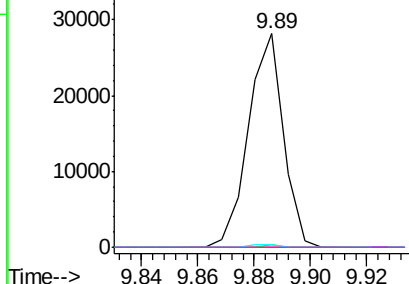
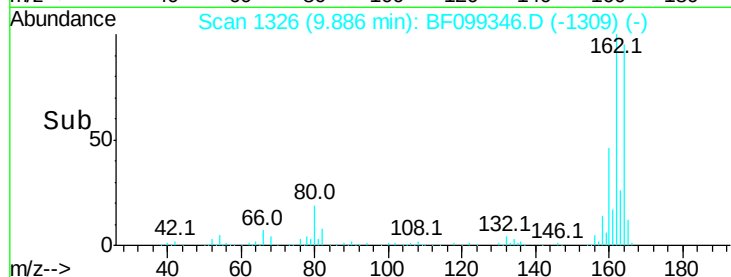


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

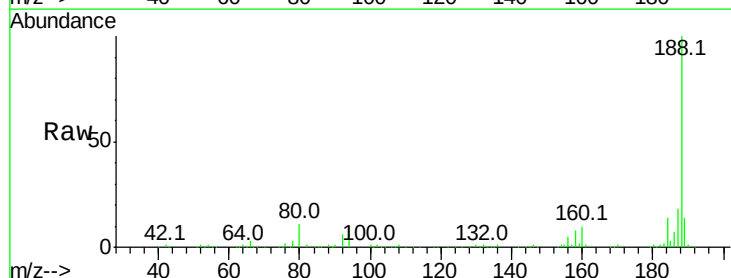
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099346.D
 Acq: 11 Oct 2017 15:12

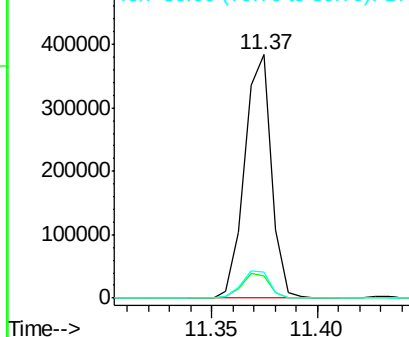
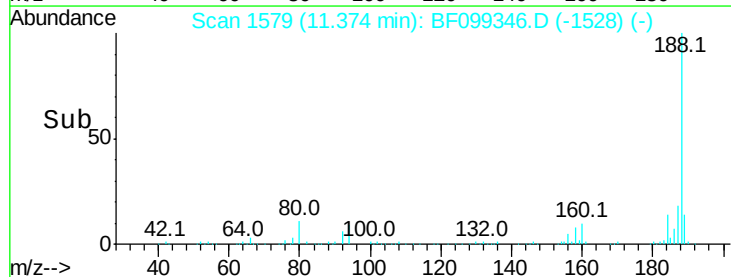
Tgt Ion:188	Resp:	338311
Ion Ratio	Lower	Upper
188	100	
94	9.1	8.5 12.7
80	10.8	9.2 13.8

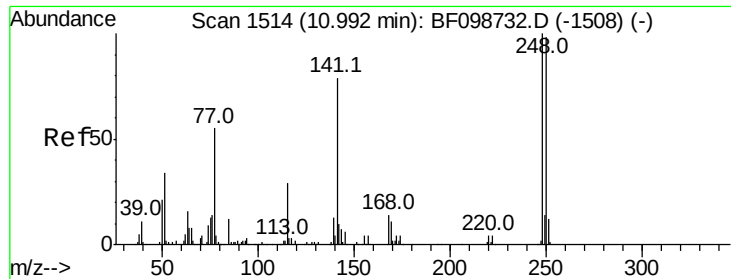


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

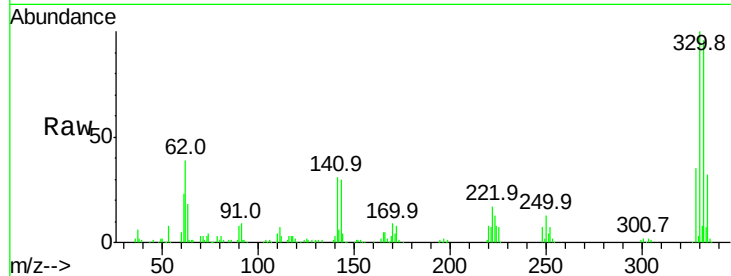




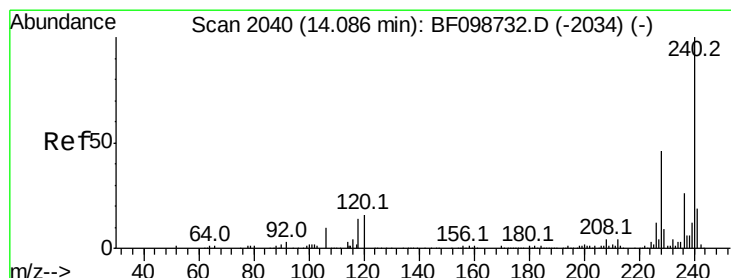
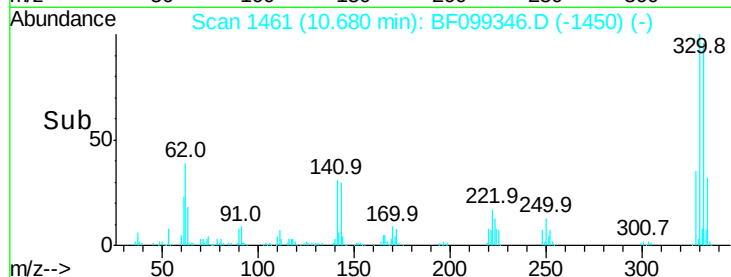
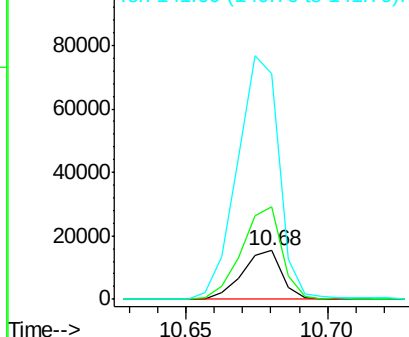
#66
4-Bromophenyl-phenylether
Concen: 4.445 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099346.D
Acq: 11 Oct 2017 15:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14721
Ion Ratio Lower Upper
248 100
250 191.1 76.9 115.3#
141 463.9 74.4 111.6#

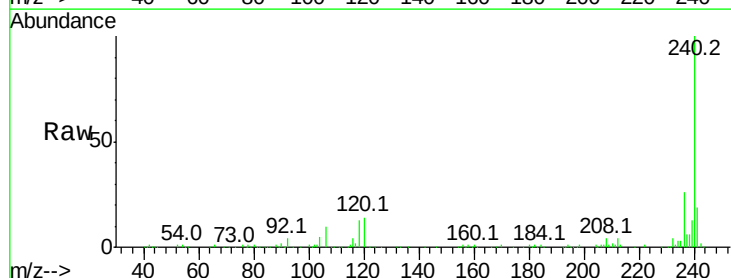


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

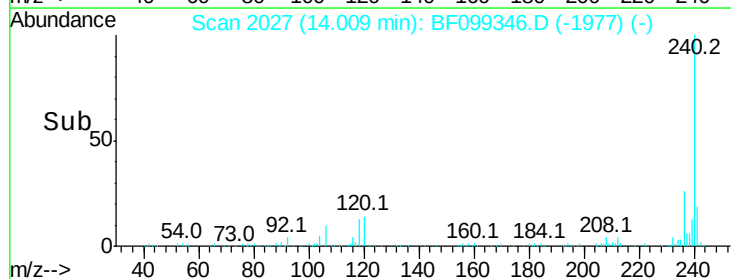
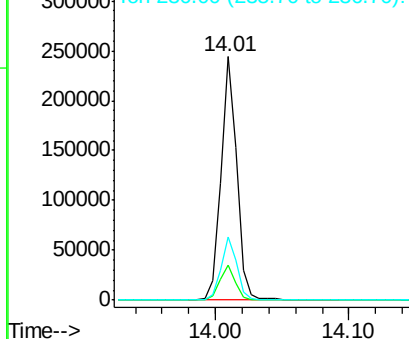


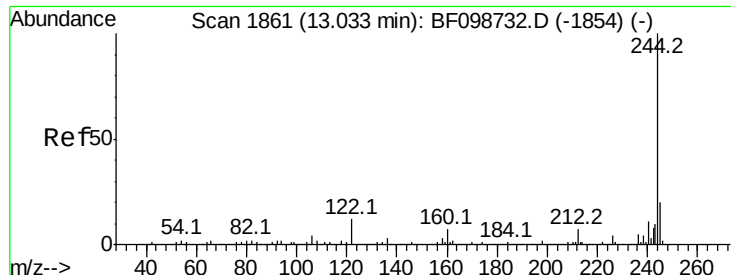
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099346.D
Acq: 11 Oct 2017 15:12

Tgt Ion:240 Resp: 203692
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.8 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: 107.049 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099346.D

Acq: 11 Oct 2017 15:12

Instrument :

BNA_F

ClientSampleId :

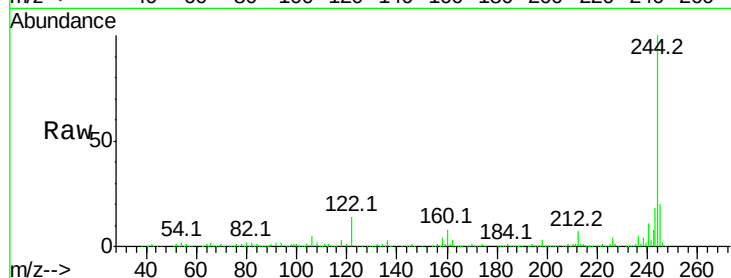
Tot Ion:244 Resp: 958801

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

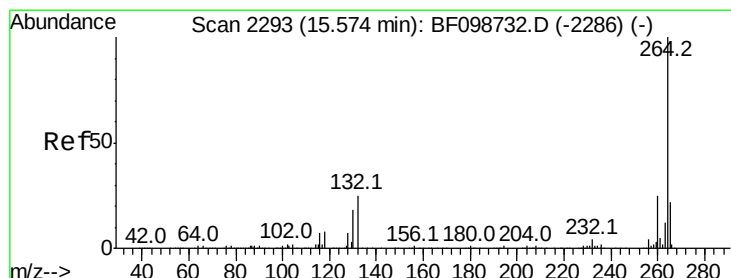
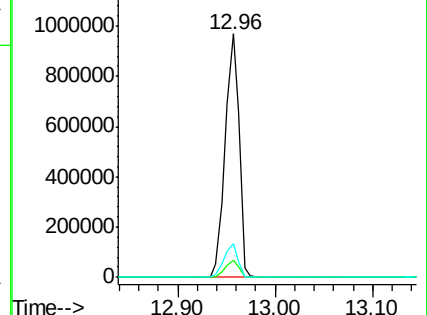
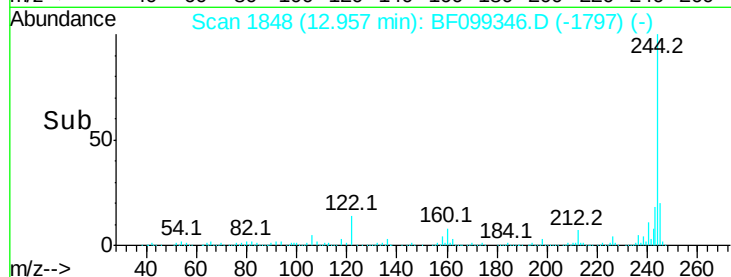
122 13.9 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF099346.D

Acq: 11 Oct 2017 15:12

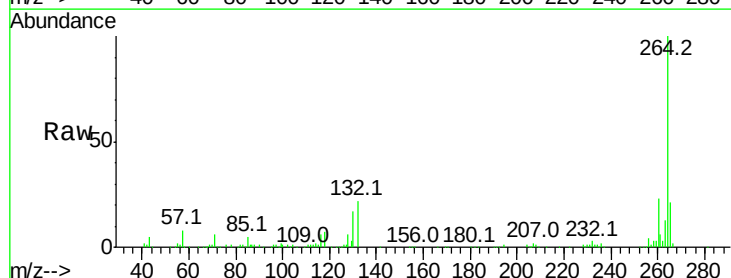
Tgt Ion:264 Resp: 177165

Ion Ratio Lower Upper

264 100

260 22.7 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

