

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099440.D
 Acq On : 13 Oct 2017 15:32
 Operator : SJ/JU
 Sample : I5713-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 17:36:47 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

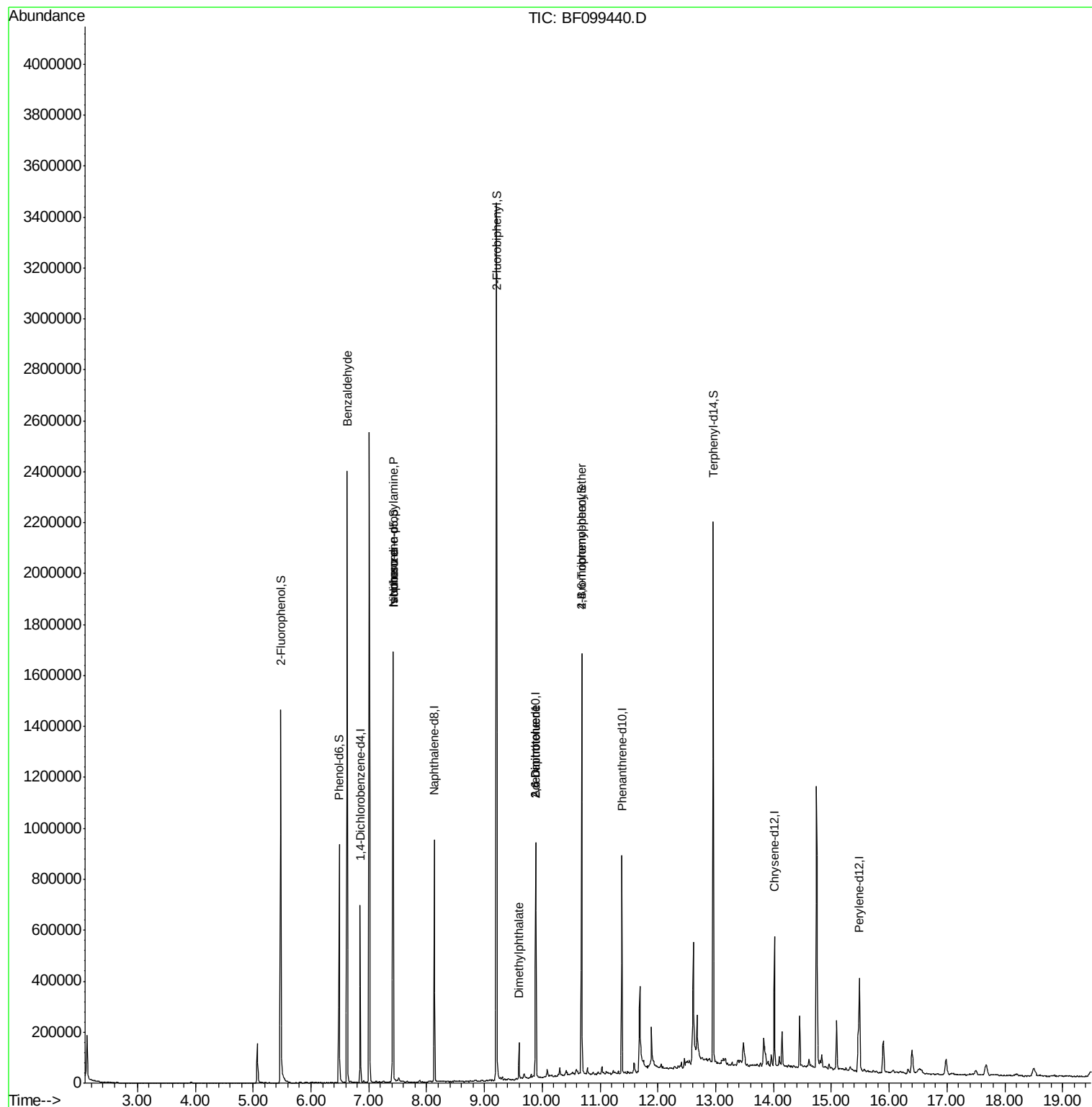
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96641	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	391101	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	171669	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	276138	20.00	ng	0.00
75) Chrysene-d12	14.02	240	153061	20.00	ng	0.00
86) Perylene-d12	15.49	264	151036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	459562	75.70	ng	0.00
7) Phenol-d6	6.49	99	341849	45.65	ng	0.00
23) Nitrobenzene-d5	7.42	82	628108	102.99	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	199854	142.27	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1121380	109.05	ng	0.00
78) Terphenyl-d14	12.96	244	749300	111.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14806	3.408	ng	85
19) n-Nitroso-di-n-propylamine	7.42	70	81512	17.048	ng	# 73
25) Isophorone	7.42	82	628196	49.822	ng	# 64
49) Dimethylphthalate	9.60	163	52547	4.056	ng	99
50) 2,6-Dinitrotoluene	9.89	165	21459	7.608	ng	# 26
56) 2,4-Dinitrotoluene	9.89	165	21459	5.862	ng	# 24
66) 4-Bromophenyl-phenylether	10.68	248	13265	4.908	ng	# 1

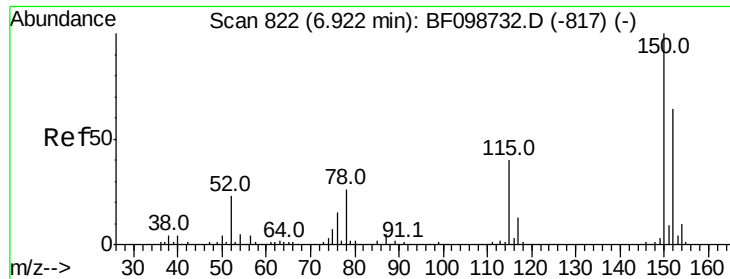
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101317\
Data File : BF099440.D
Acq On : 13 Oct 2017 15:32
Operator : SJ/JU
Sample : I5713-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 13 17:36:47 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



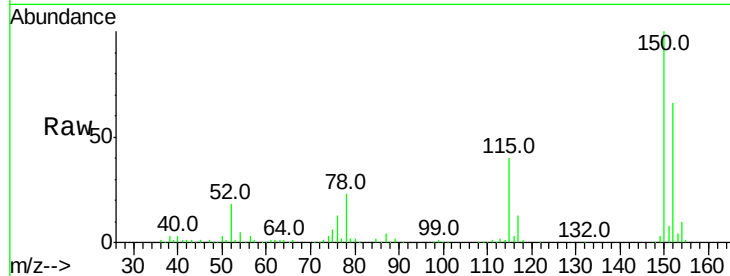


#1

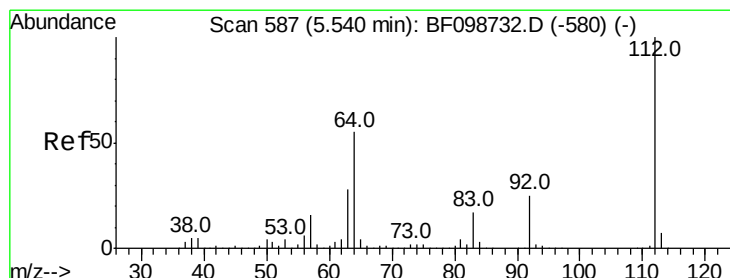
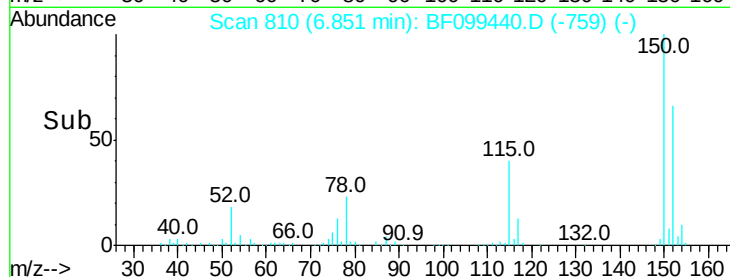
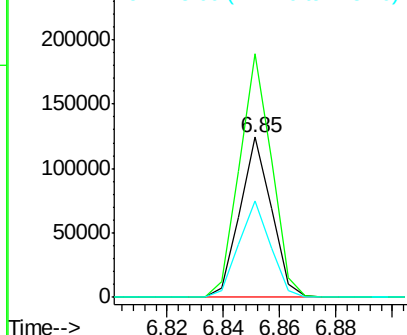
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099440.D
Acq: 13 Oct 2017 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96641
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 60.4 50.1 75.1



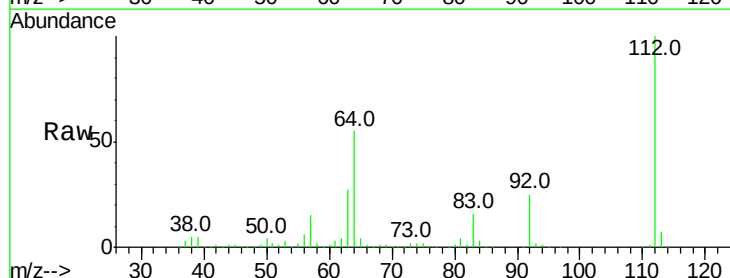
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



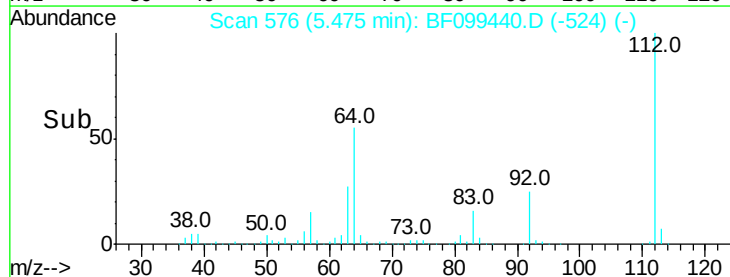
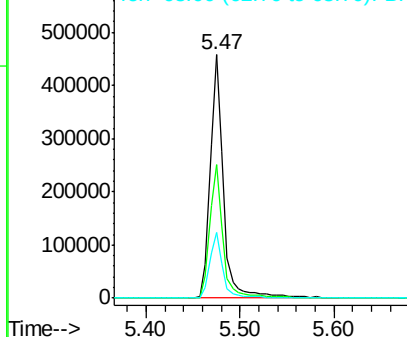
#5

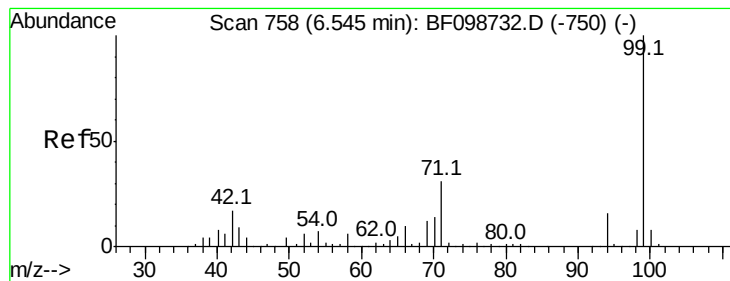
2-Fluorophenol
Concen: 75.700 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099440.D
Acq: 13 Oct 2017 15:32

Tgt Ion:112 Resp: 459562
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.0 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: 45.647 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099440.D

Acq: 13 Oct 2017 15:32

Instrument :

BNA_F

ClientSampleId :

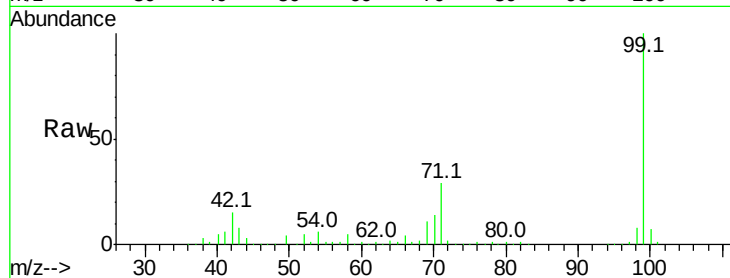
Tot Ion: 99 Resp: 341849

Ion Ratio Lower Upper

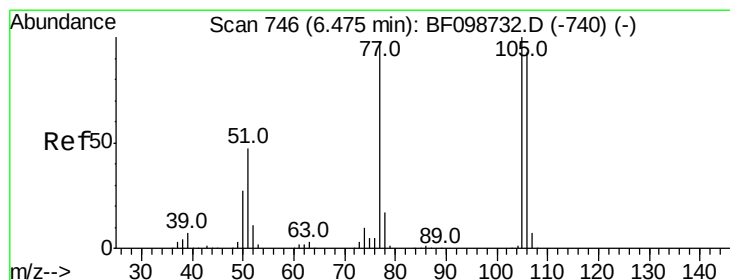
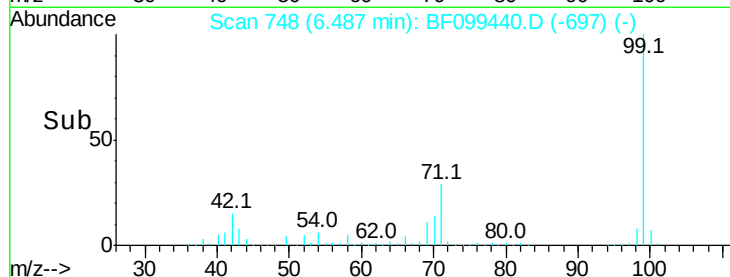
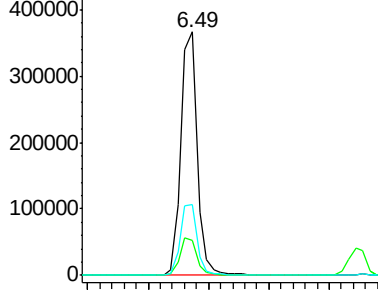
99 100

42 14.6 14.5 21.7

71 29.1 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: 3.408 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099440.D

Acq: 13 Oct 2017 15:32

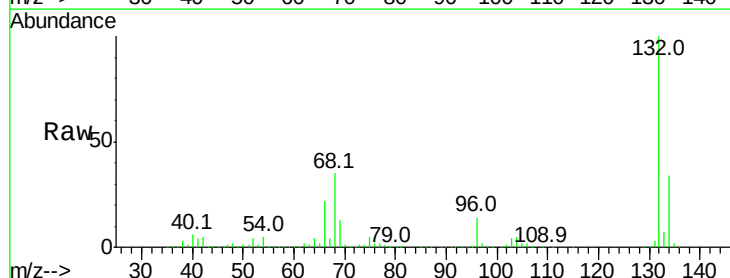
Tgt Ion: 77 Resp: 14806

Ion Ratio Lower Upper

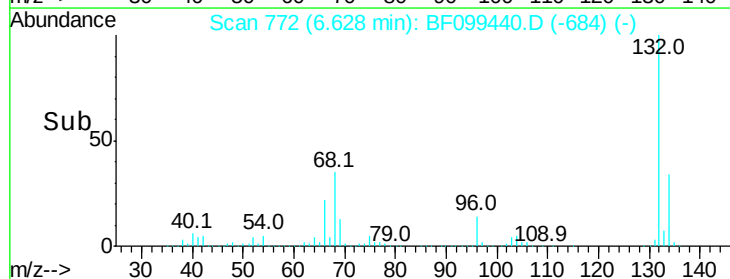
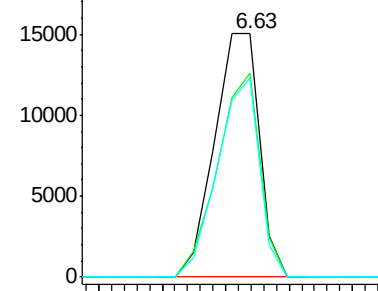
77 100

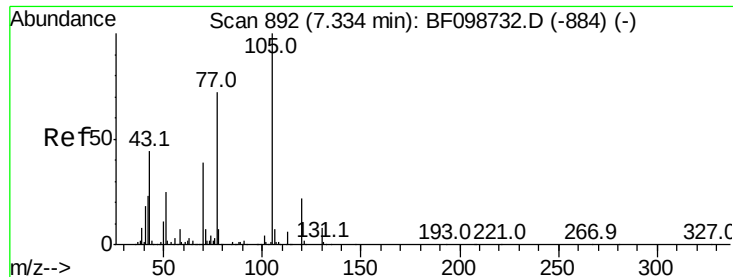
105 84.0 81.1 121.1

106 81.9 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

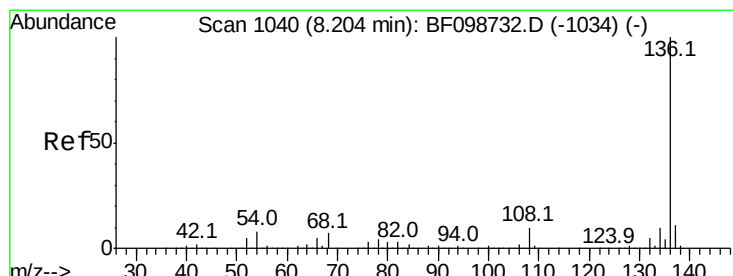
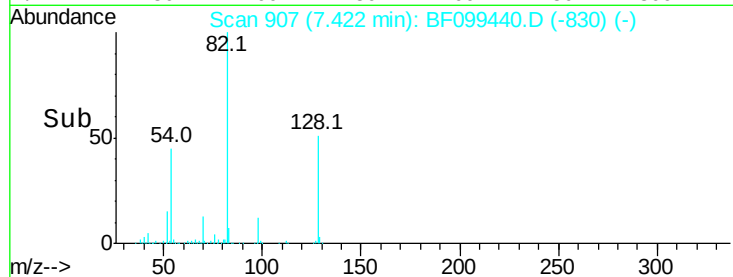
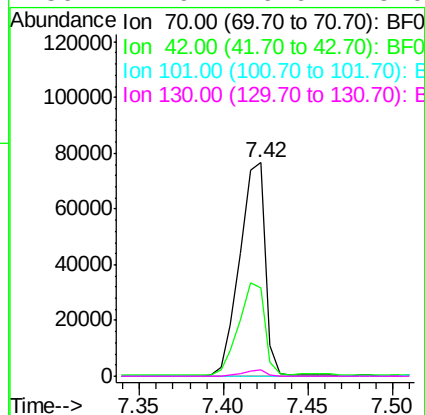
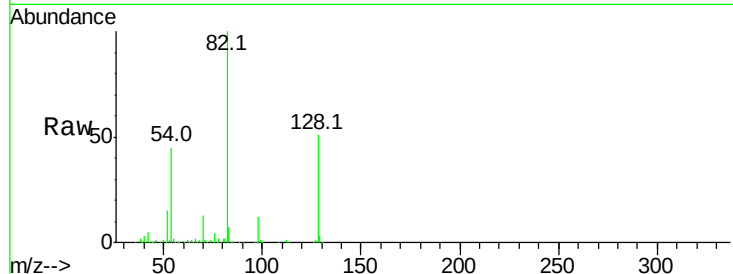




#19
n-Nitroso-di-n-propylamine
Concen: 17.048 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099440.D
Acq: 13 Oct 2017 15:32

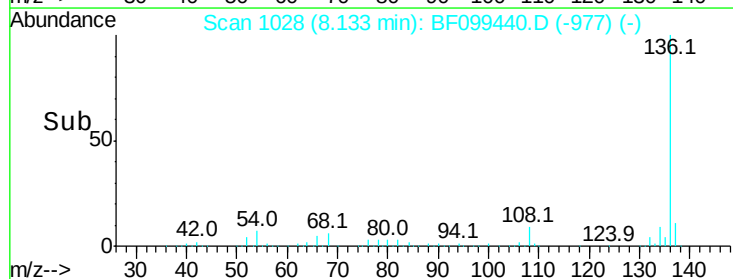
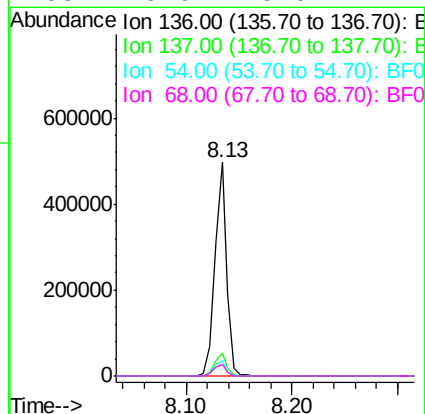
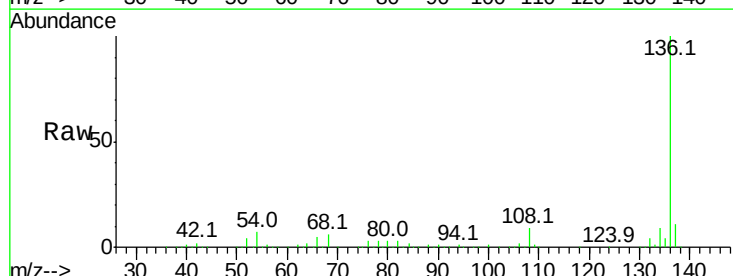
Instrument :
BNA_F
ClientSampled :

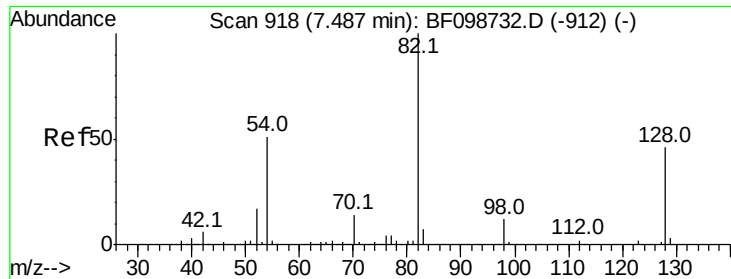
Tot Ion: 70 Resp: 81512
Ion Ratio Lower Upper
70 100
42 41.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099440.D
Acq: 13 Oct 2017 15:32

Tgt Ion:136 Resp: 391101
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.1 6.6 9.8
68 5.6 5.0 7.4

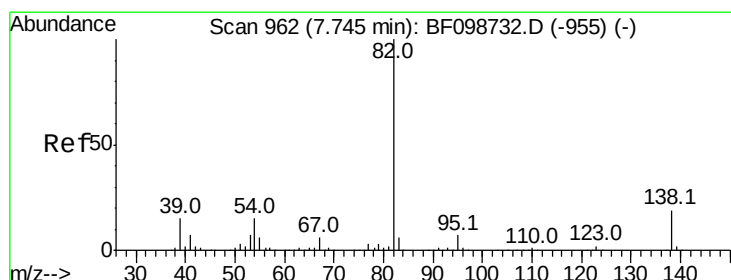
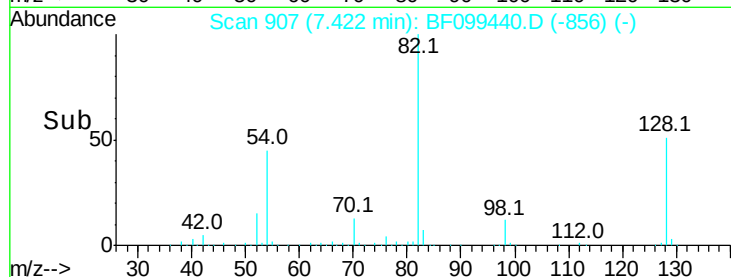
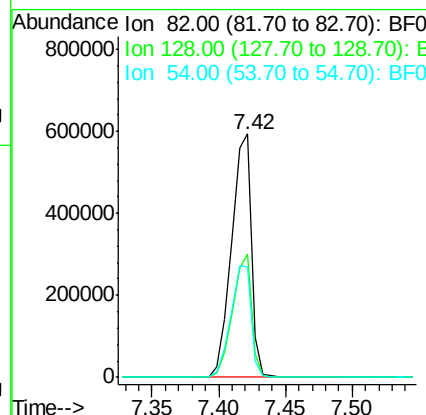
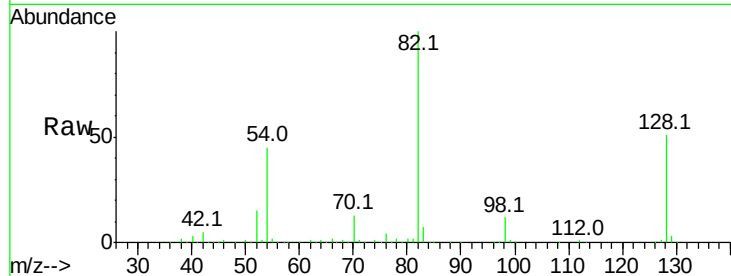




#23
 Nitrobenzene-d5
 Concen: 102.993 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099440.D
 Acq: 13 Oct 2017 15:32

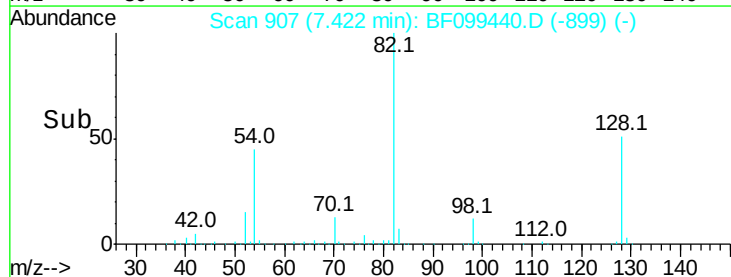
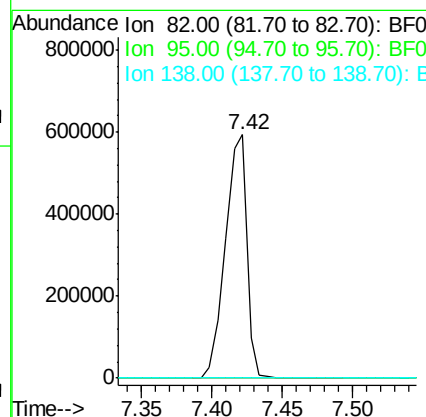
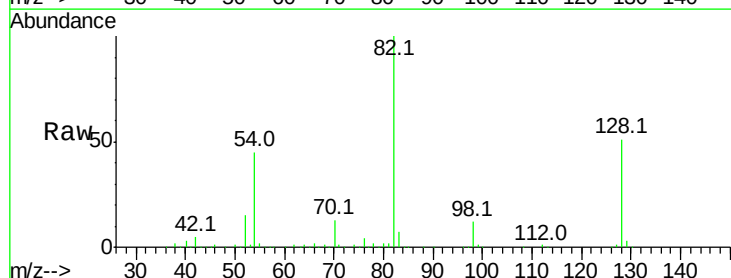
Instrument :
 BNA_F
 ClientSampled :

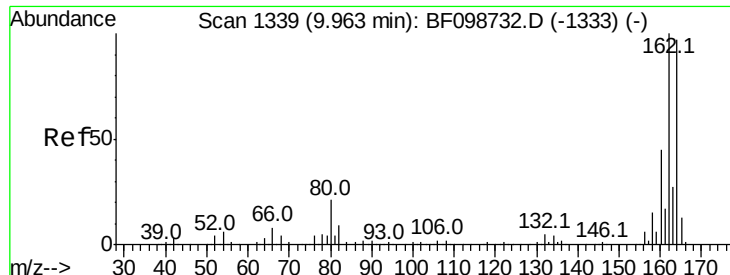
Tot Ion	82	Resp	628108
Ion Ratio	Lower	Upper	
82	100		
128	50.6	36.1	54.1
54	45.4	41.4	62.2



#25
 Isophorone
 Concen: 49.822 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099440.D
 Acq: 13 Oct 2017 15:32

Tgt Ion	82	Resp	628196
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

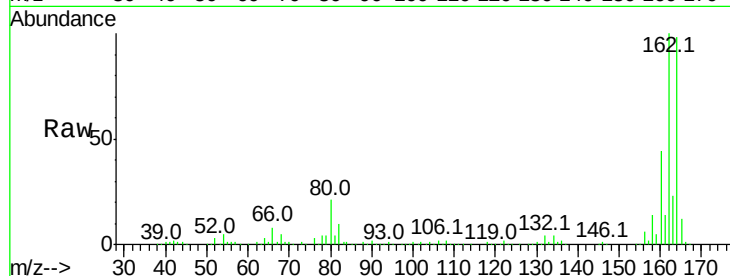




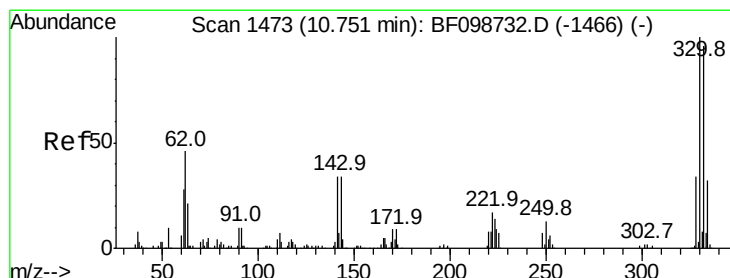
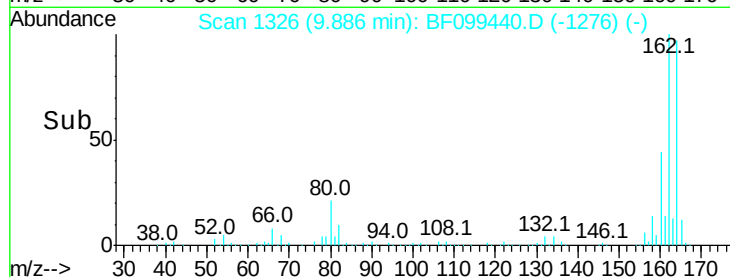
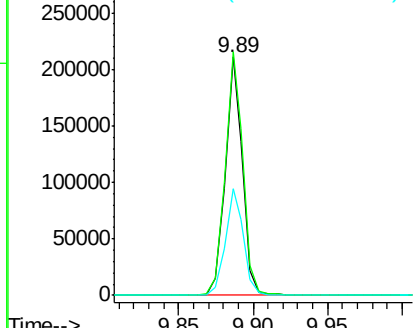
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099440.D
Acq: 13 Oct 2017 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.0	38.3	57.5

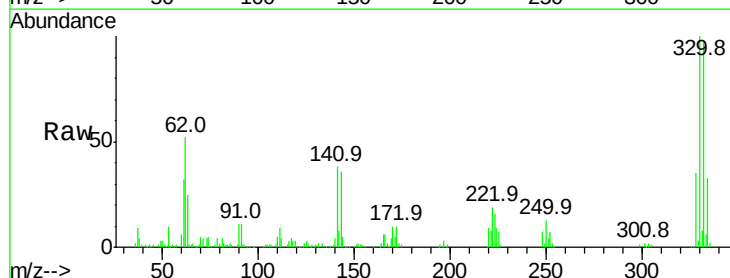


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

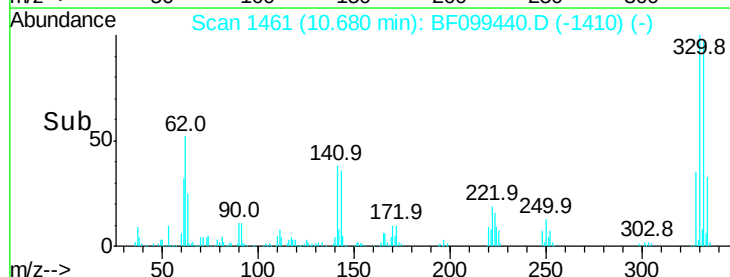
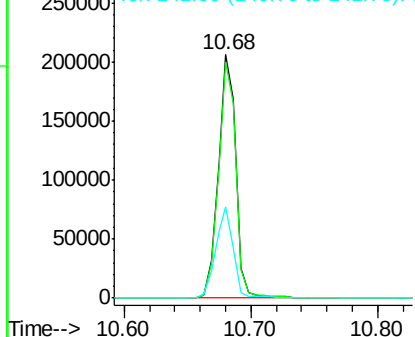


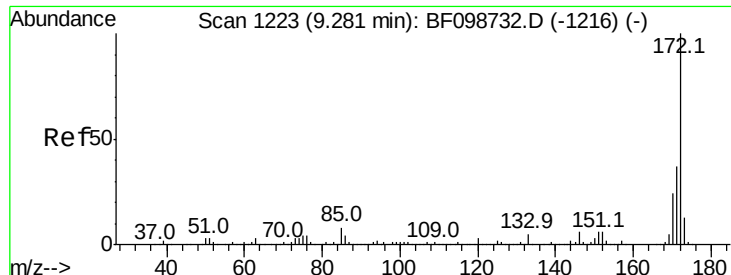
#41
2,4,6-Tribromophenol
Concen: 142.273 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099440.D
Acq: 13 Oct 2017 15:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.1	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

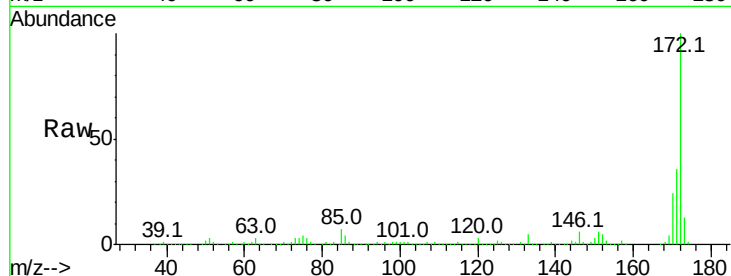




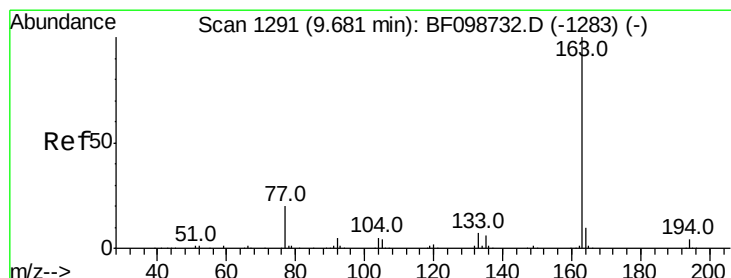
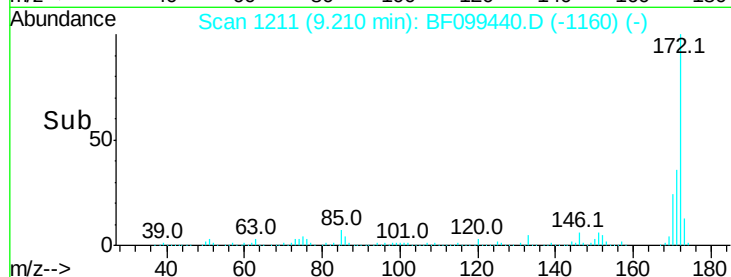
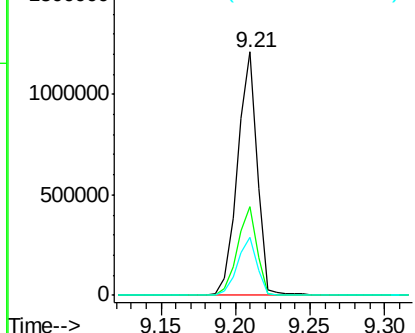
#44
2-Fluorobiphenyl
Concen: 109.050 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099440.D
Acq: 13 Oct 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1121380
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.8 19.6 29.4

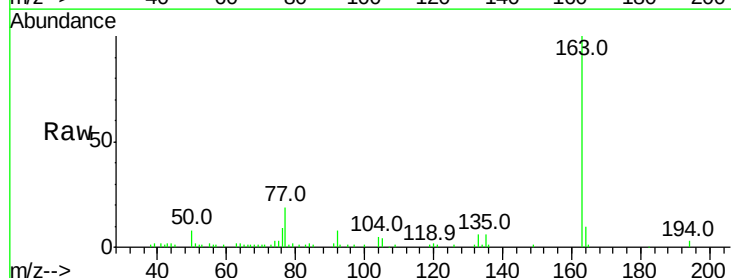


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

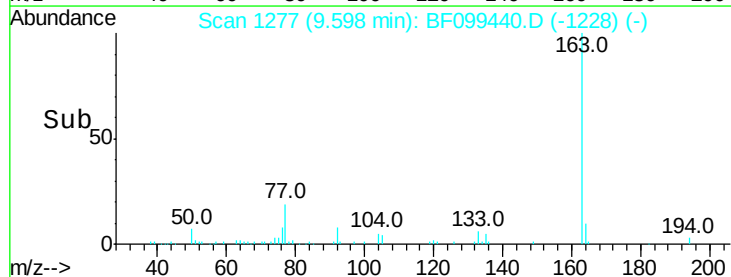
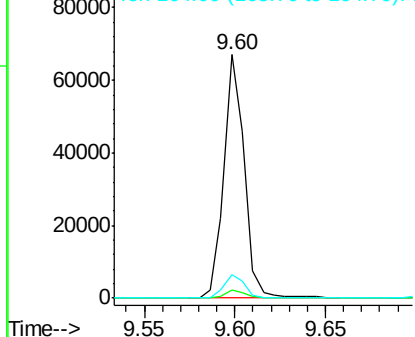


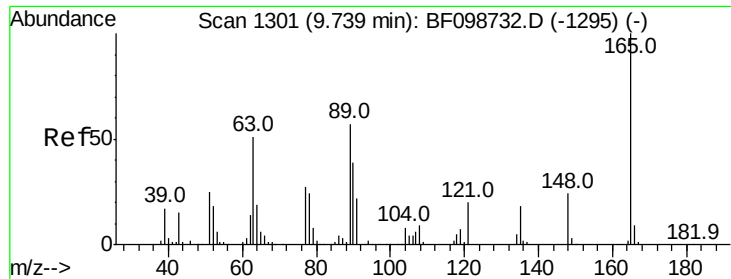
#49
Dimethylphthalate
Concen: 4.056 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099440.D
Acq: 13 Oct 2017 15:32

Tgt Ion:163 Resp: 52547
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.5 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

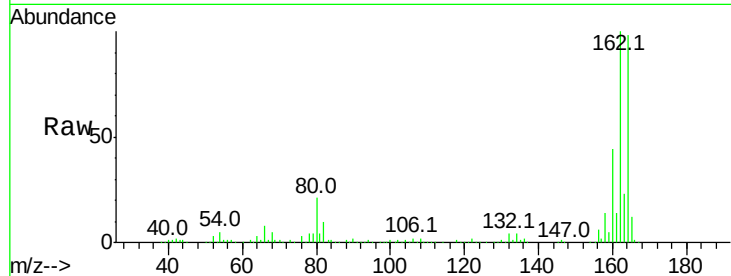




#50
 2,6-Dinitrotoluene
 Concen: 7.608 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099440.D
 Acq: 13 Oct 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :

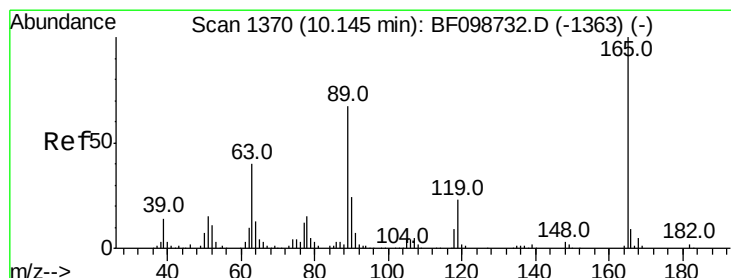
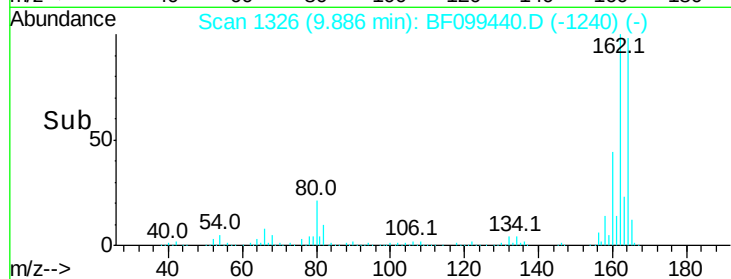
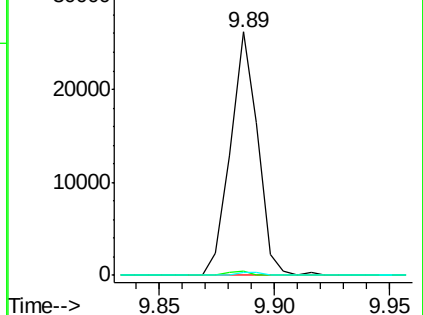
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.5	44.0	66.0#



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: 5.862 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099440.D
 Acq: 13 Oct 2017 15:32

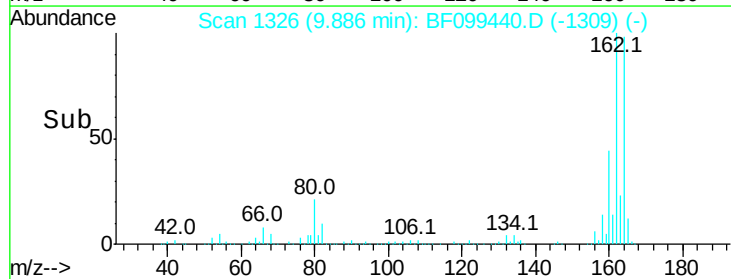
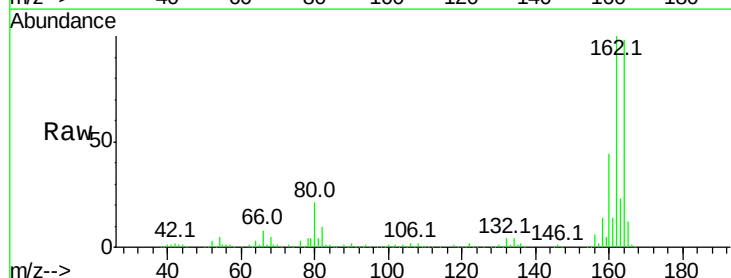
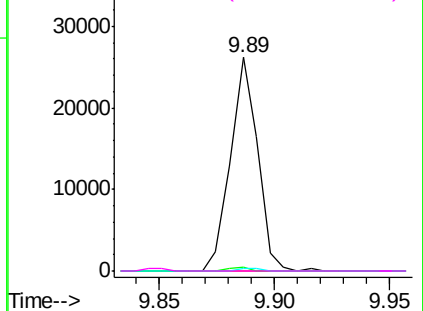
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

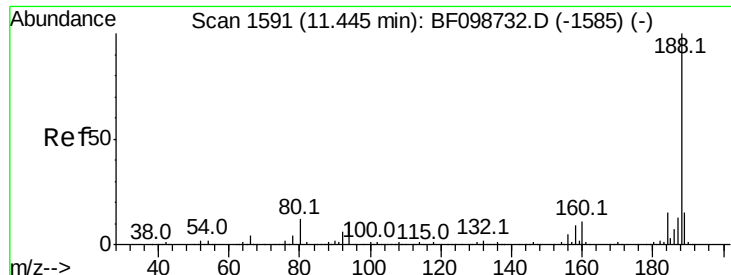
Abundance Ion 165.00 (164.70 to 165.70): E

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

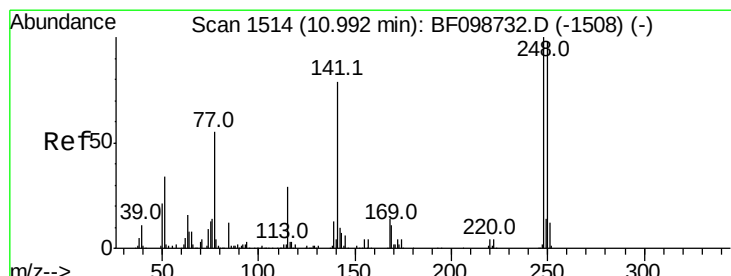
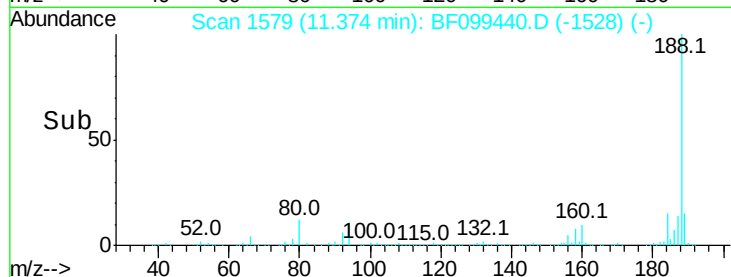
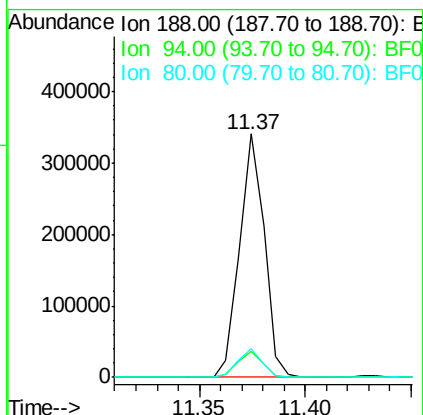
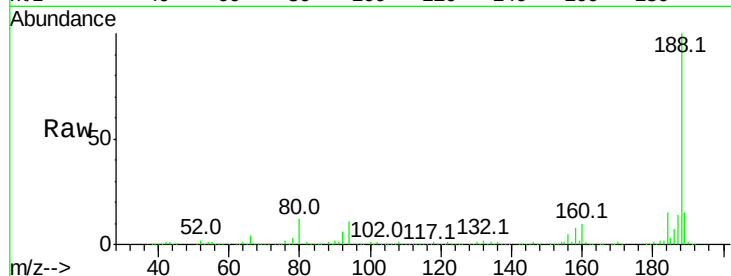




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099440.D
 Acq: 13 Oct 2017 15:32

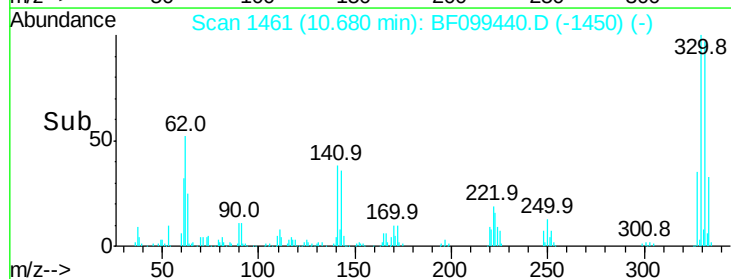
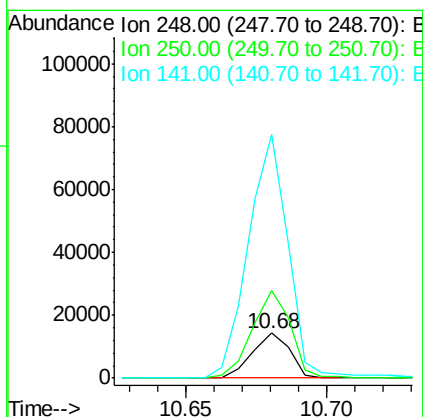
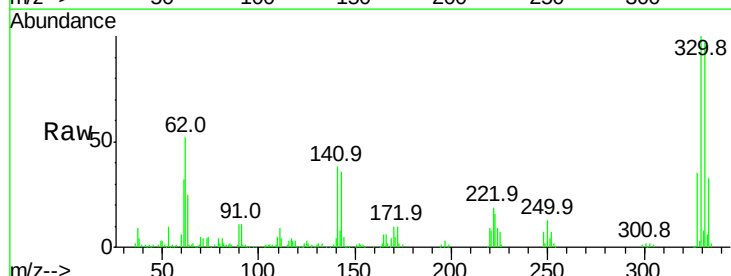
Instrument :
 BNA_F
 ClientSampleId :

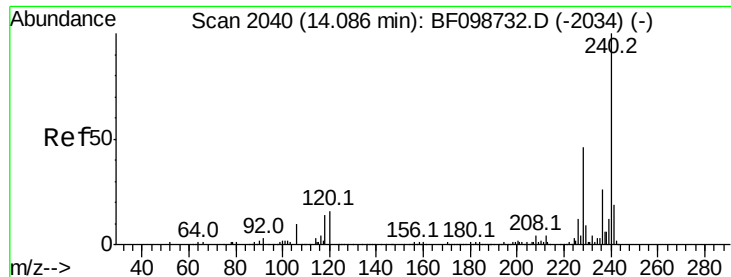
Tot Ion:188 Resp: 276138
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.7 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.908 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099440.D
 Acq: 13 Oct 2017 15:32

Tgt Ion:248 Resp: 13265
 Ion Ratio Lower Upper
 248 100
 250 194.2 76.9 115.3#
 141 543.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099440.D

Acq: 13 Oct 2017 15:32

Instrument :

BNA_F

ClientSampleId :

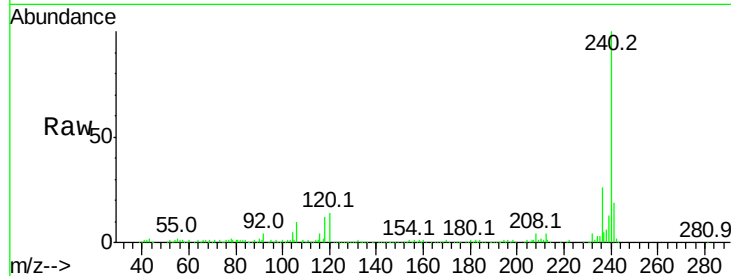
Tot Ion:240 Resp: 153061

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

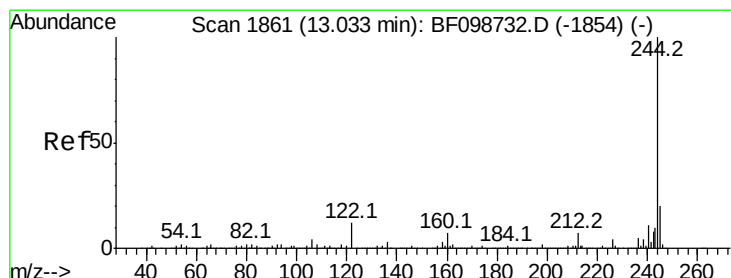
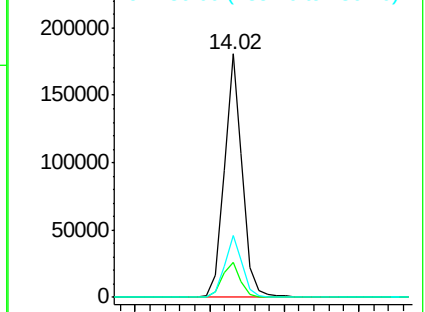
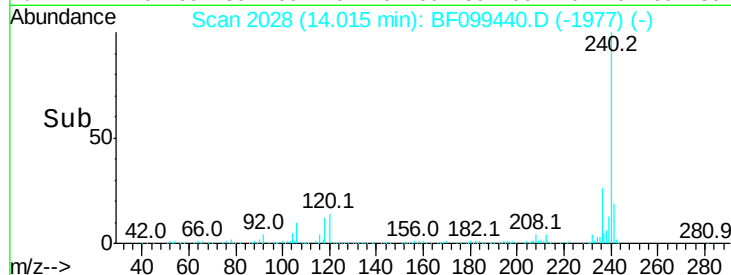
236 25.6 20.7 31.1



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: 111.332 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099440.D

Acq: 13 Oct 2017 15:32

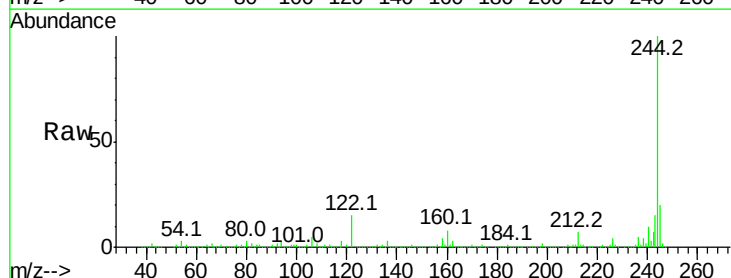
Tgt Ion:244 Resp: 749300

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

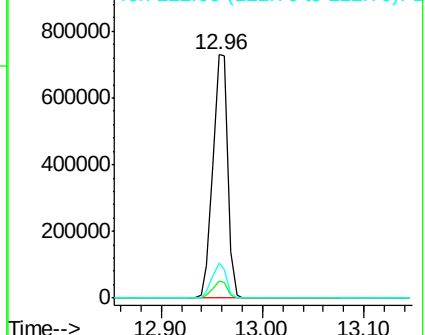
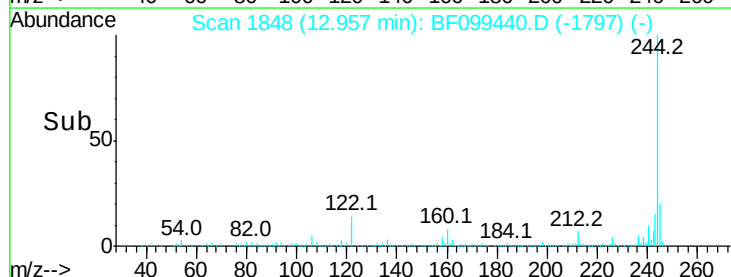
122 14.6 11.0 16.4

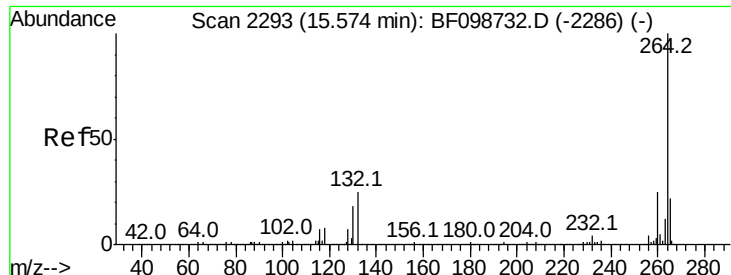


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

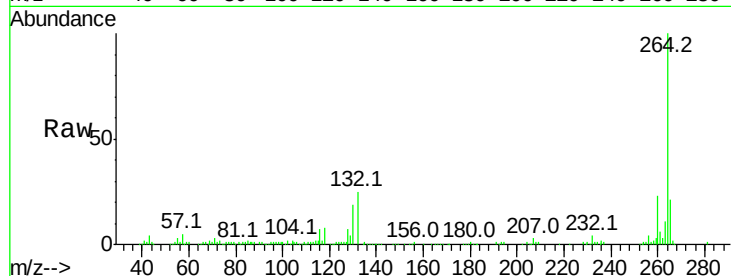




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099440.D
Acq: 13 Oct 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	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

