

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099141.D
 Acq On : 6 Oct 2017 11:41
 Operator : SJ/JU
 Sample : I5644-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 14:32:18 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

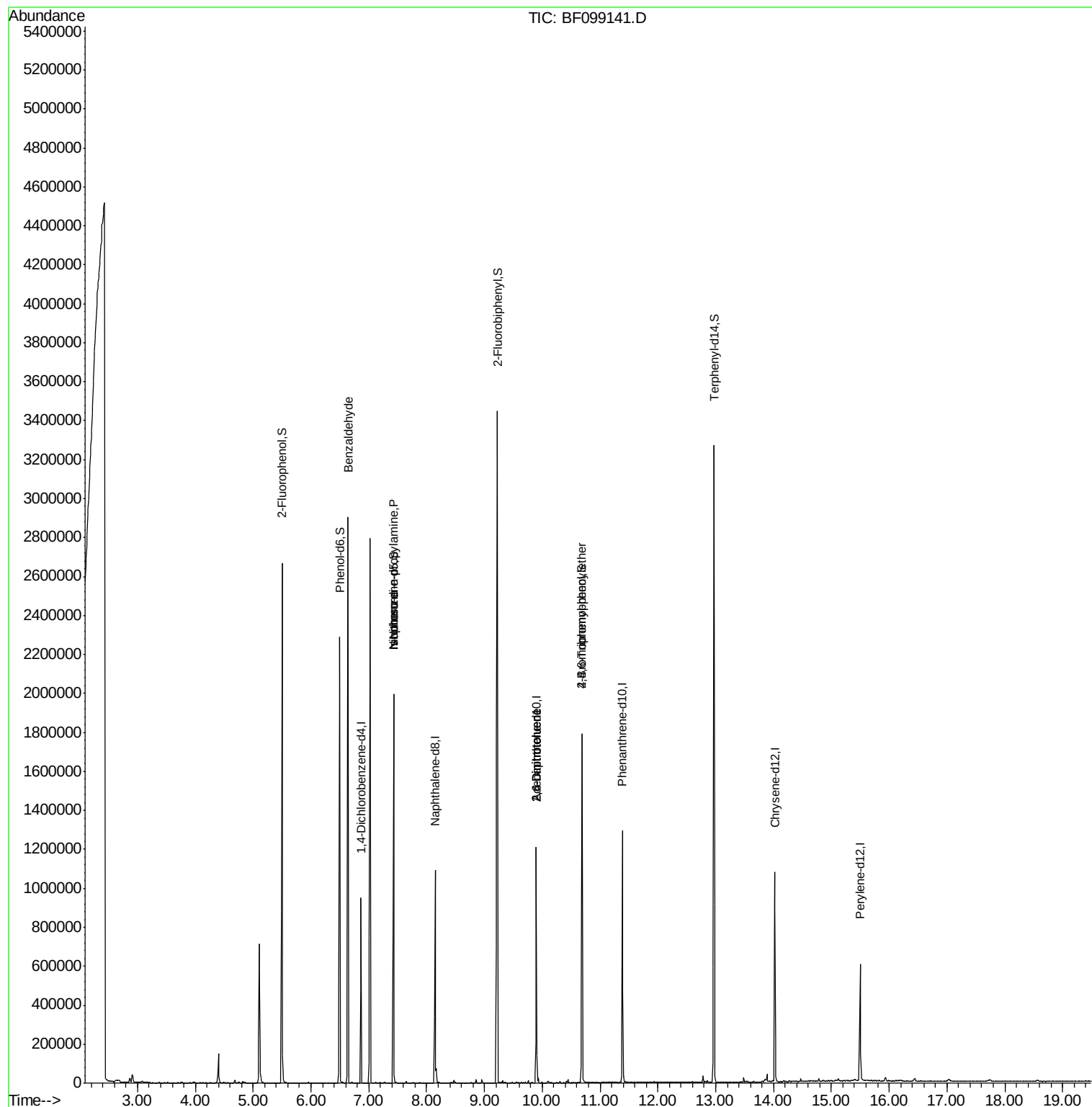
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125549	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	520573	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	236806	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	430620	20.00	ng	0.00
75) Chrysene-d12	14.02	240	349606	20.00	ng	-0.01
86) Perylene-d12	15.50	264	255827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	817551	103.66	ng	0.02
7) Phenol-d6	6.50	99	859065	88.30	ng	0.00
23) Nitrobenzene-d5	7.43	82	690670	85.08	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	243428	125.63	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1250818	88.18	ng	0.00
78) Terphenyl-d14	12.97	244	1140577	74.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	17549	3.110	ng	87
19) n-Nitroso-di-n-propylamine	7.43	70	89386	14.390	ng	# 74
25) Isophorone	7.43	82	690520	41.144	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	30022	7.716	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	30022	5.945	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	16571	3.931	ng	# 1

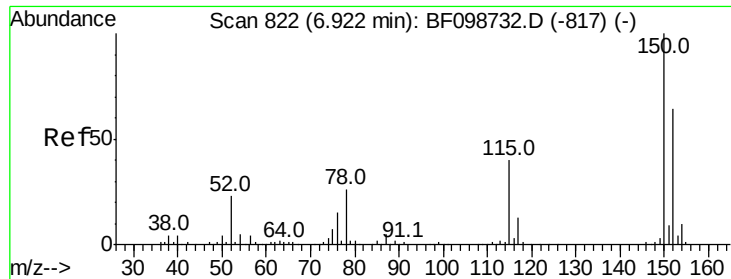
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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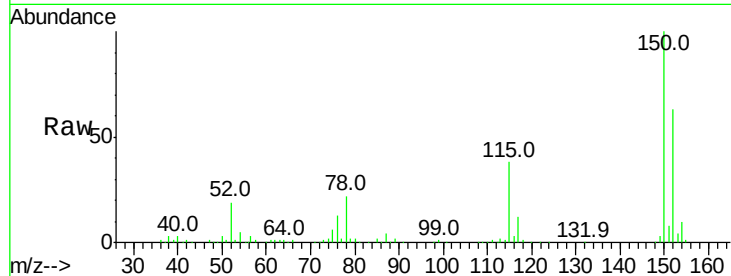


#1

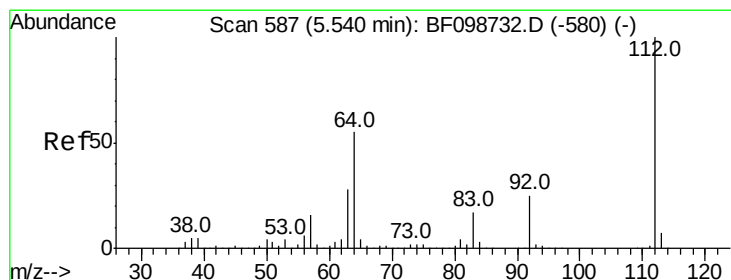
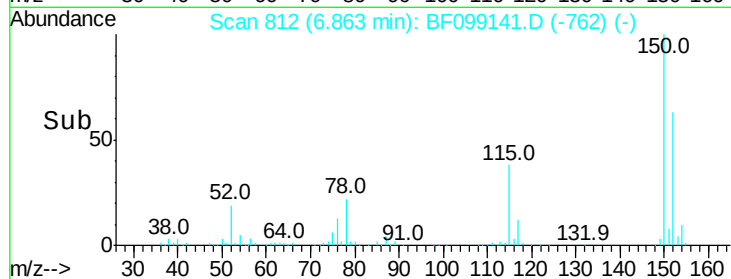
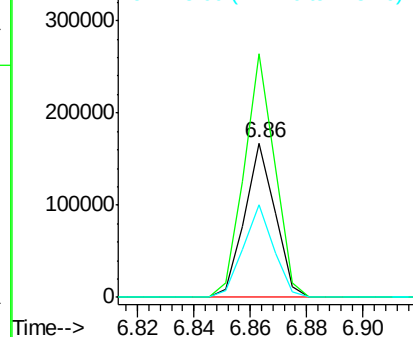
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125549
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 60.2 50.1 75.1



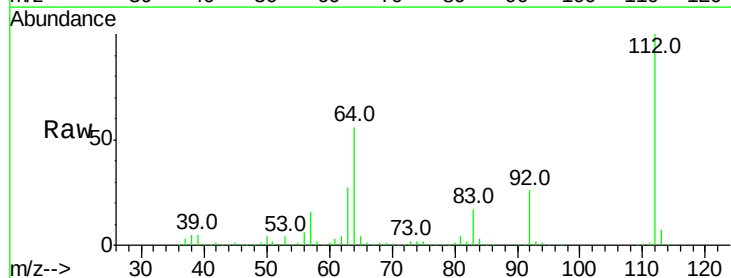
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



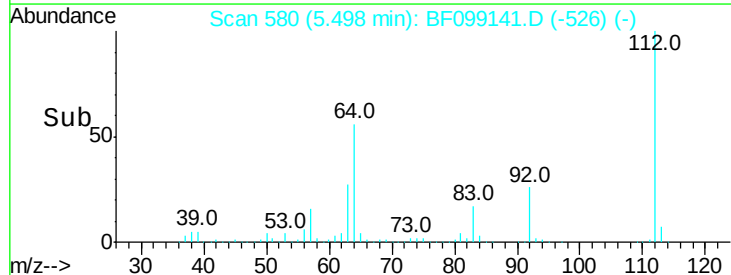
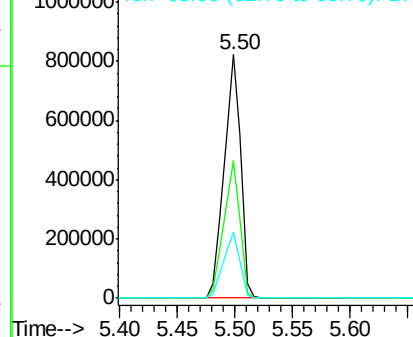
#5

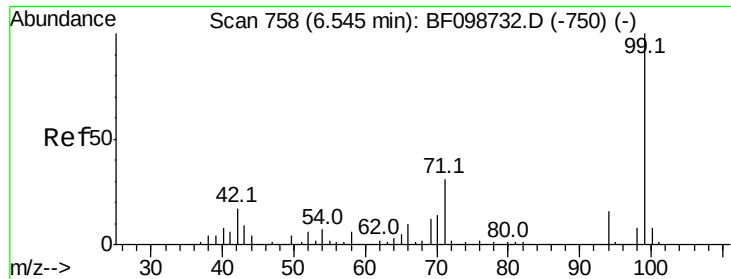
2-Fluorophenol
Concen: 103.662 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Tgt Ion:112 Resp: 817551
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.2 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: 88.298 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099141.D

Acq: 6 Oct 2017 11:41

Instrument :

BNA_F

ClientSampled :

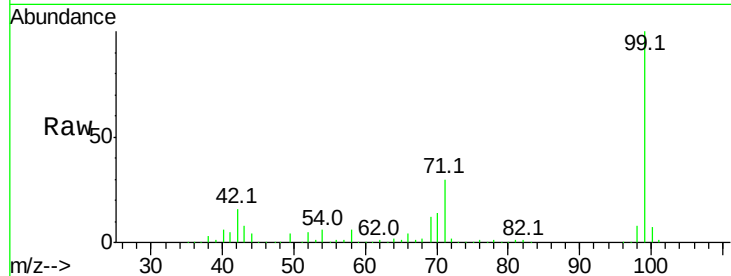
Tot Ion: 99 Resp: 859065

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

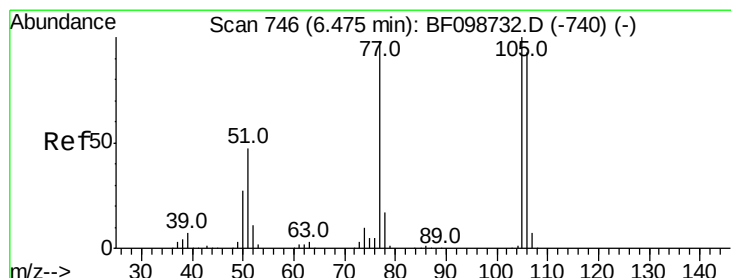
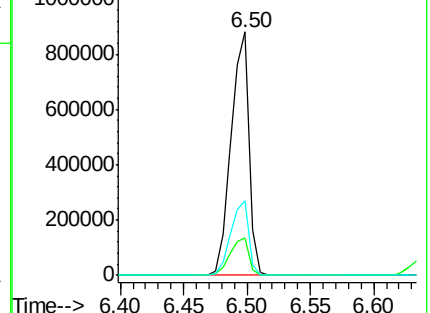
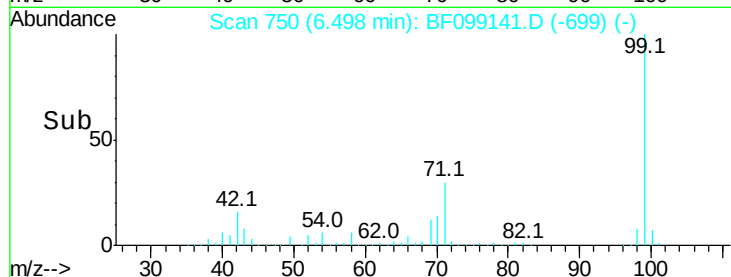
71 30.5 25.4 38.0



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: 3.110 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099141.D

Acq: 6 Oct 2017 11:41

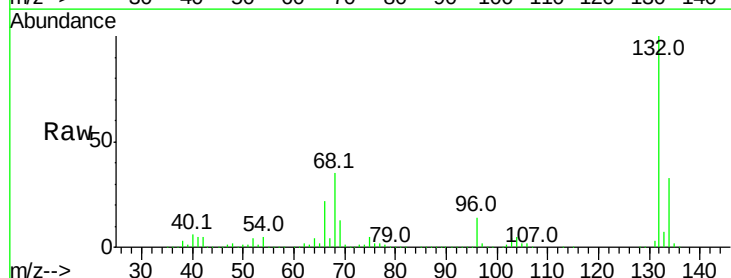
Tgt Ion: 77 Resp: 17549

Ion Ratio Lower Upper

77 100

105 86.4 81.1 121.1

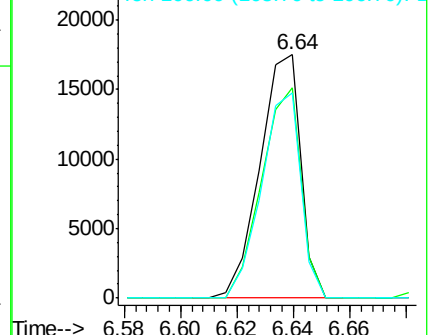
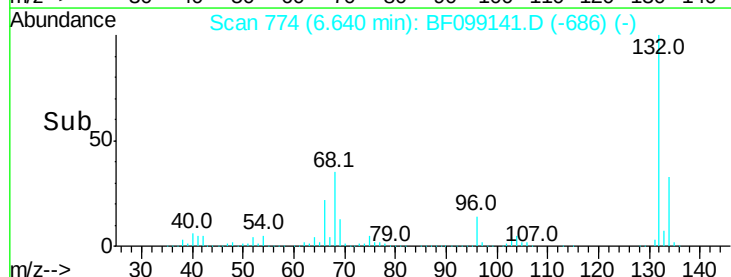
106 84.2 74.5 114.5

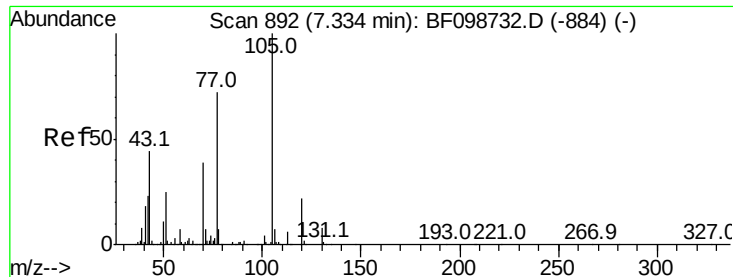


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

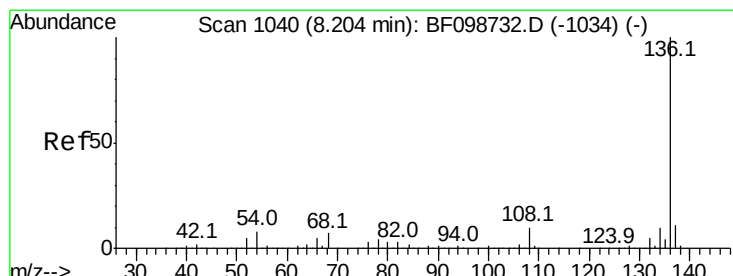
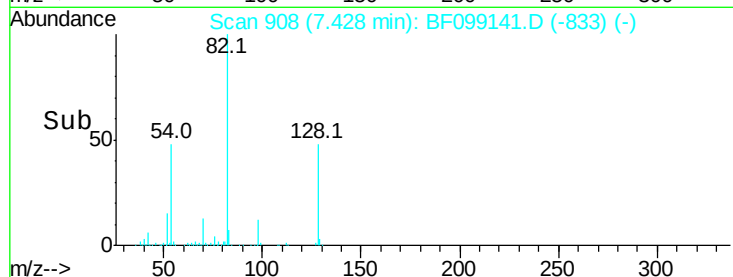
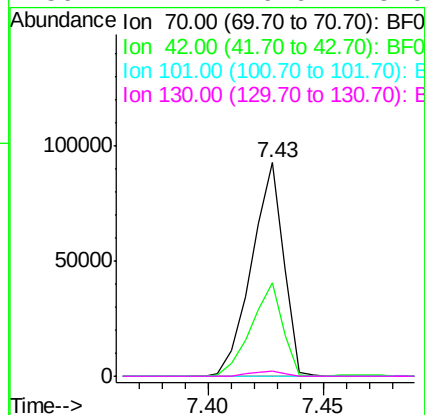
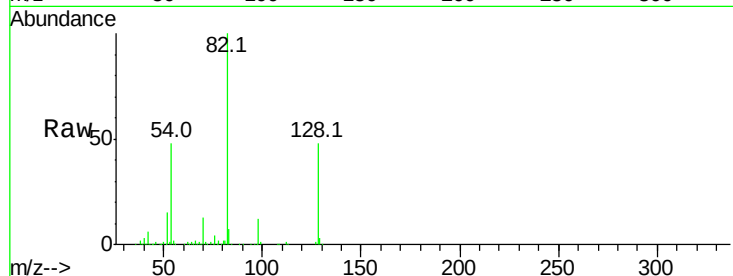




#19
n-Nitroso-di-n-propylamine
Concen: 14.390 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

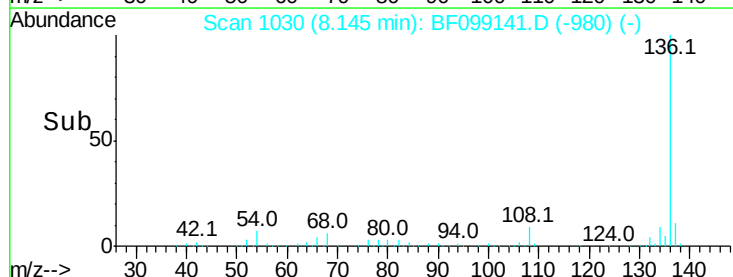
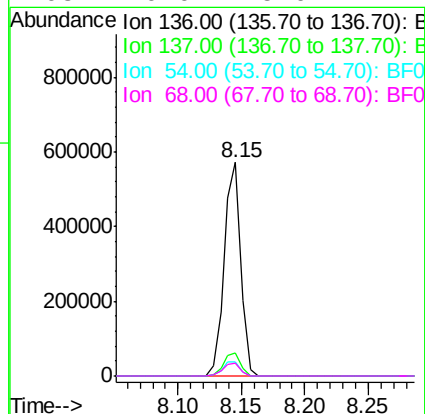
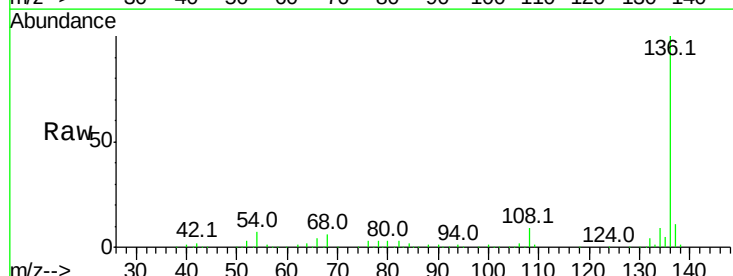
Instrument :
BNA_F
ClientSampled :

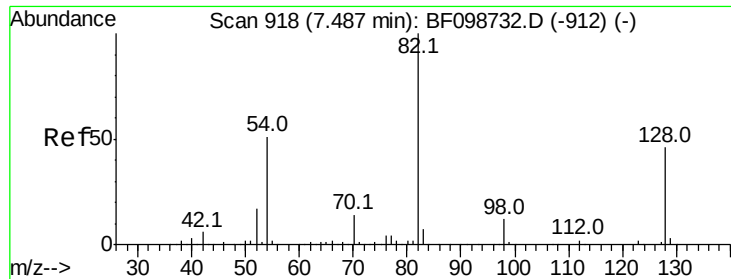
Tot Ion: 70 Resp: 89386
Ion Ratio Lower Upper
70 100
42 43.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Tgt Ion: 136 Resp: 520573
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.9 6.6 9.8
68 6.0 5.0 7.4

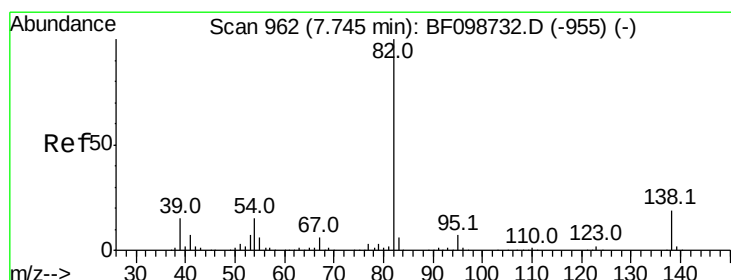
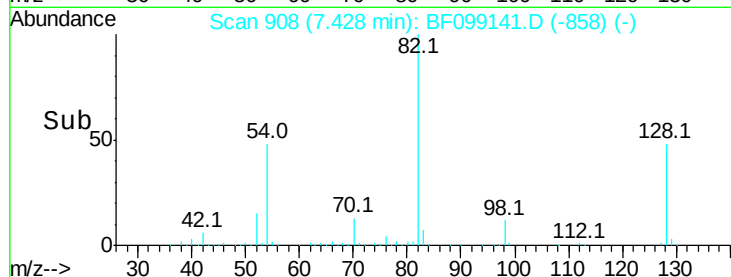
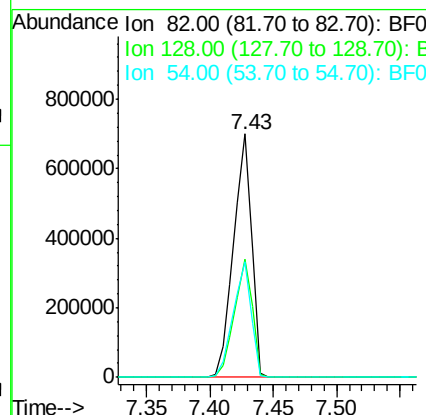
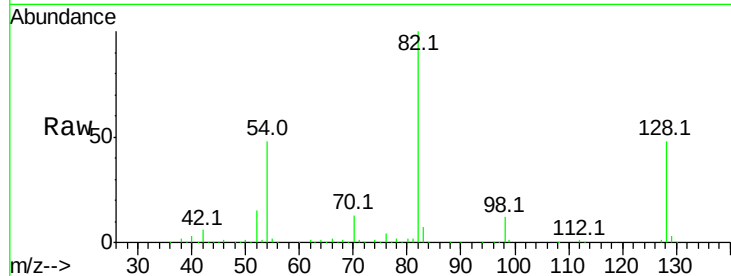




#23
 Nitrobenzene-d5
 Concen: 85.085 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099141.D
 Acq: 6 Oct 2017 11:41

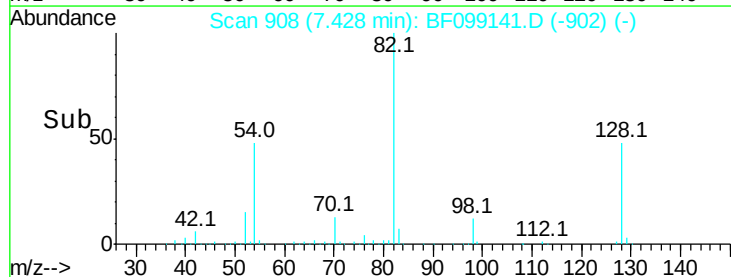
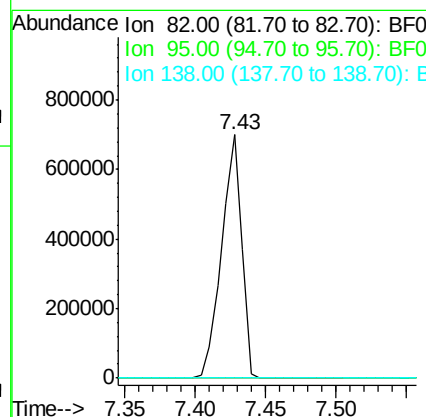
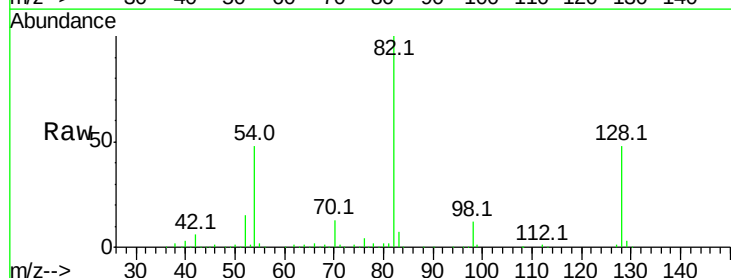
Instrument :
 BNA_F
 ClientSampled :

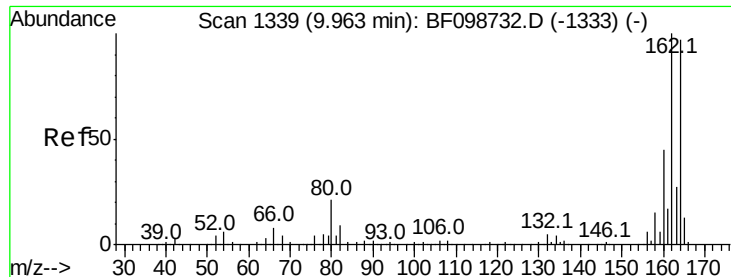
Tot Ion	82	Resp	690670
Ion Ratio	100	Lower	Upper
128	48.5	36.1	54.1
54	47.6	41.4	62.2



#25
 Isophorone
 Concen: 41.144 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099141.D
 Acq: 6 Oct 2017 11:41

Tgt Ion	82	Resp	690520
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

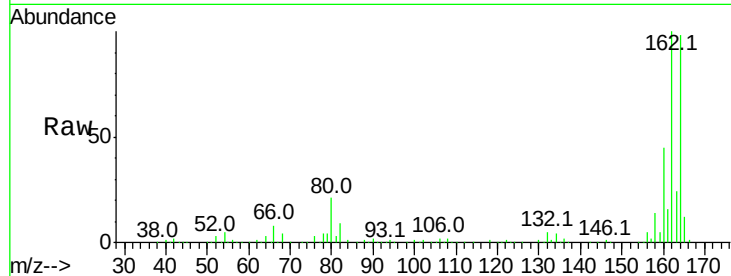




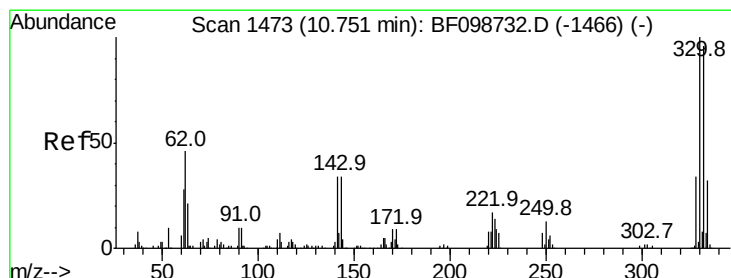
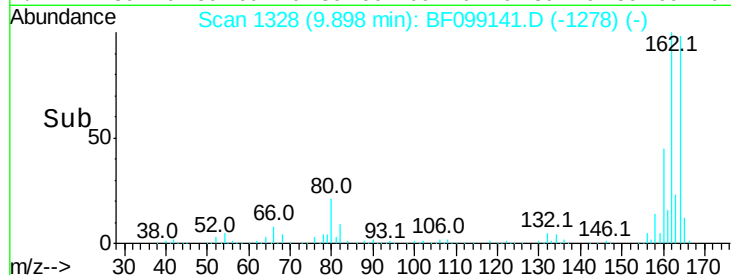
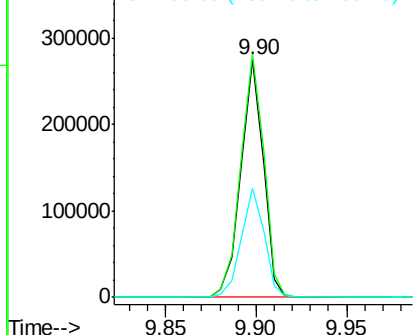
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 236806
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 46.1 38.3 57.5

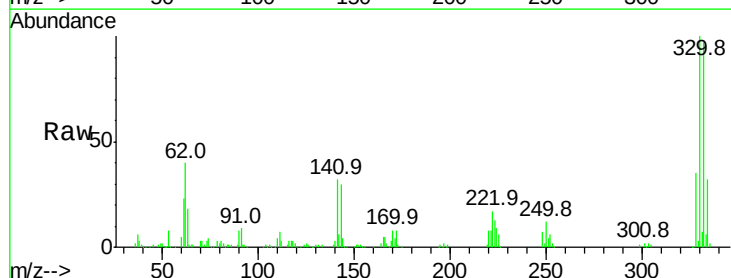


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

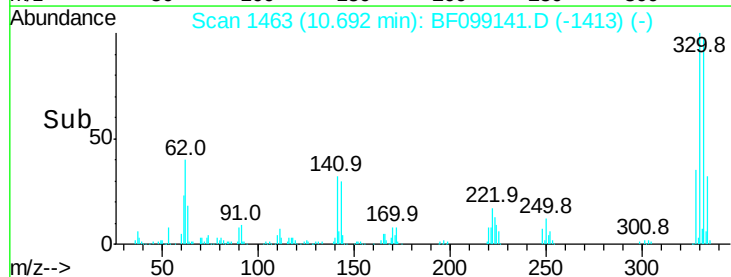
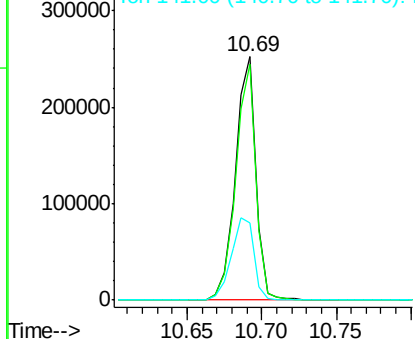


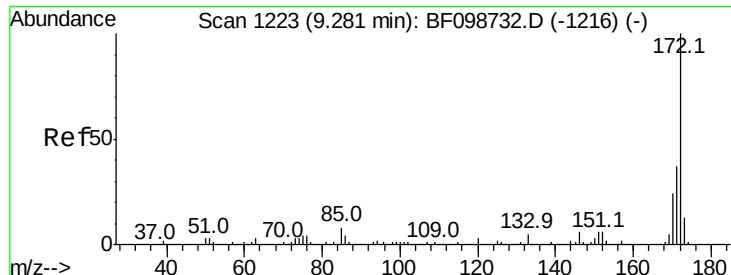
#41
2,4,6-Tribromophenol
Concen: 125.626 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Tgt Ion:330 Resp: 243428
Ion Ratio Lower Upper
330 100
332 95.9 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



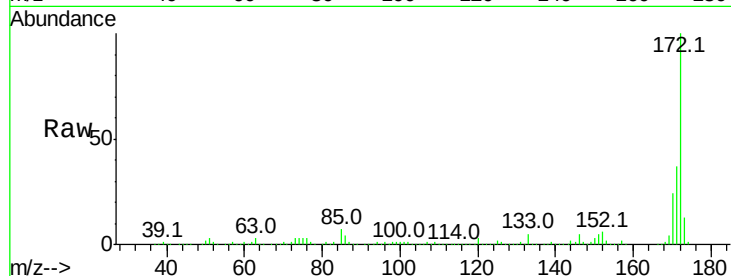


#44
 2-Fluorobiphenyl
 Concen: 88.179 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099141.D
 Acq: 6 Oct 2017 11:41

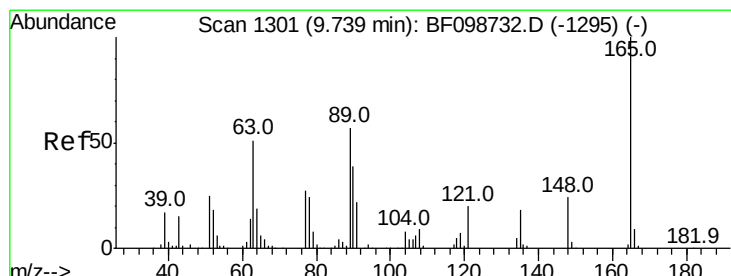
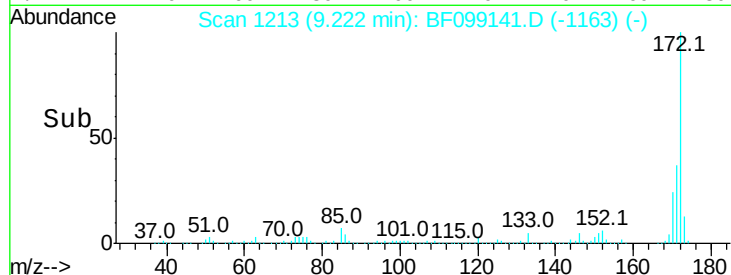
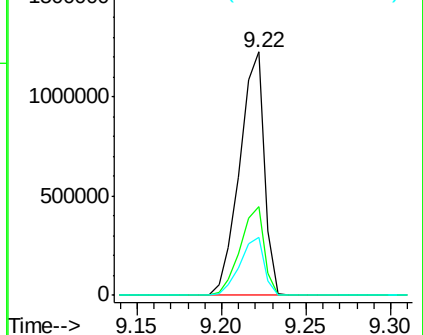
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1250818

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.8	19.6	29.4



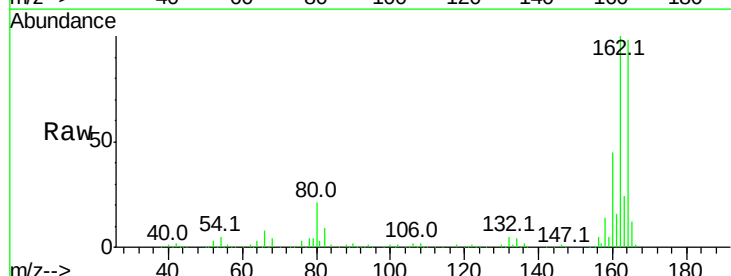
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



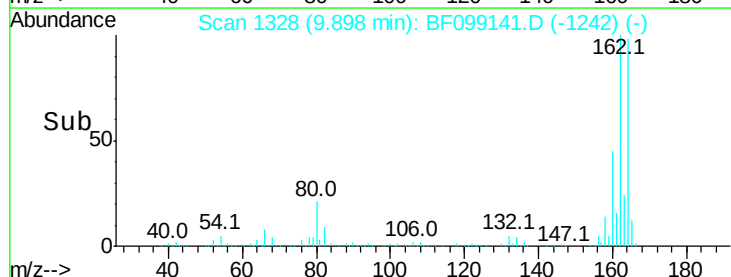
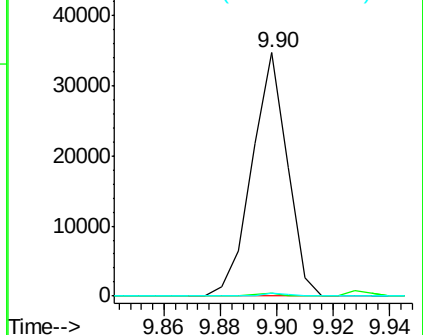
#50
 2,6-Dinitrotoluene
 Concen: 7.716 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099141.D
 Acq: 6 Oct 2017 11:41

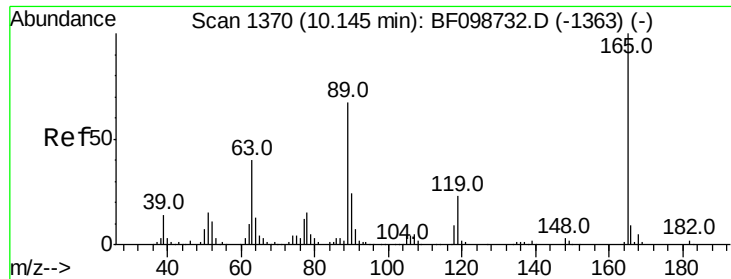
Tgt Ion:165 Resp: 30022

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.4	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

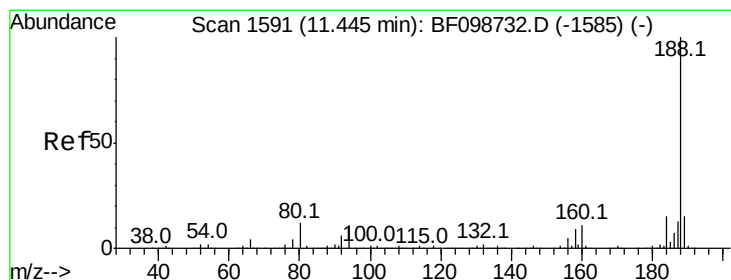
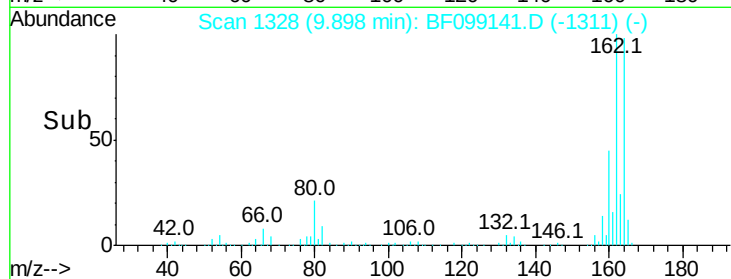
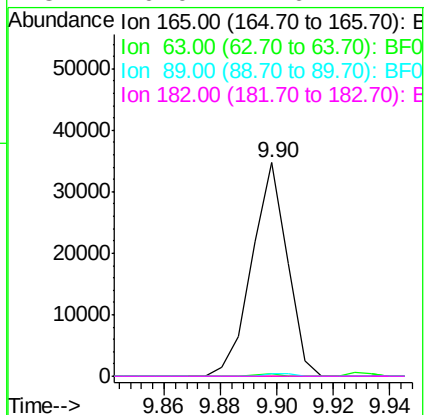
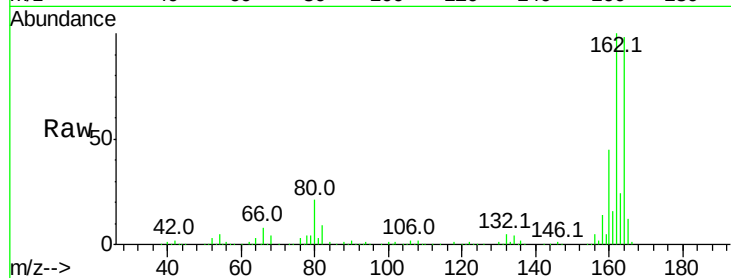




#56
 2,4-Dinitrotoluene
 Concen: 5.945 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099141.D
 Acq: 6 Oct 2017 11:41

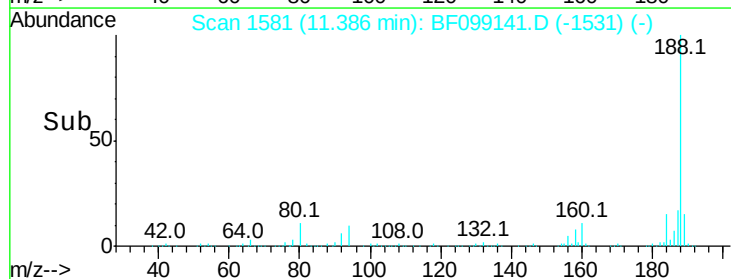
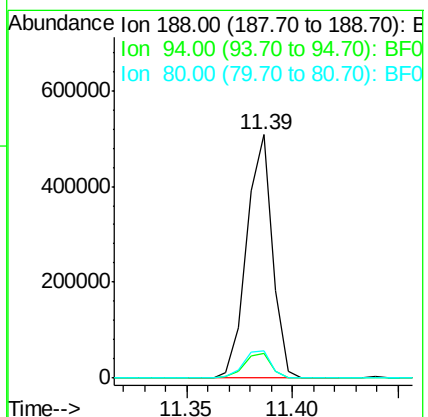
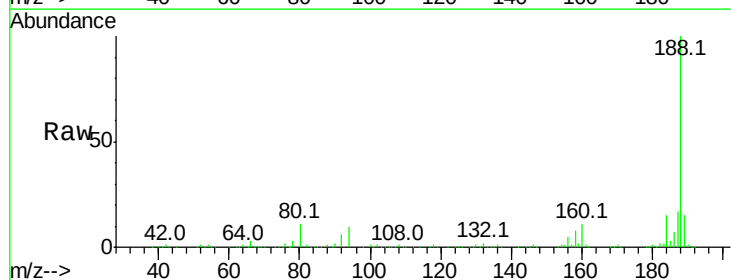
Instrument :
 BNA_F
 ClientSampleId :

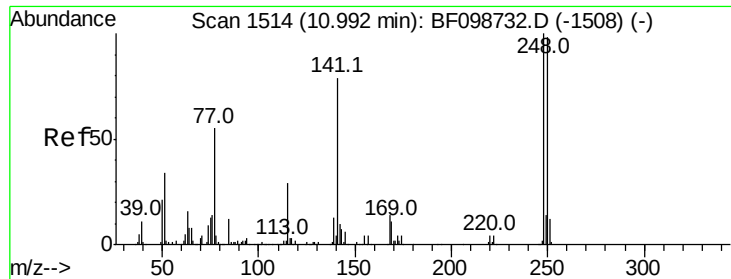
Tot Ion:165	Resp:	30022
Ion Ratio	Lower	Upper
165	100	
63	1.2	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099141.D
 Acq: 6 Oct 2017 11:41

Tgt Ion:188	Resp:	430620
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.5 12.7
80	11.3	9.2 13.8

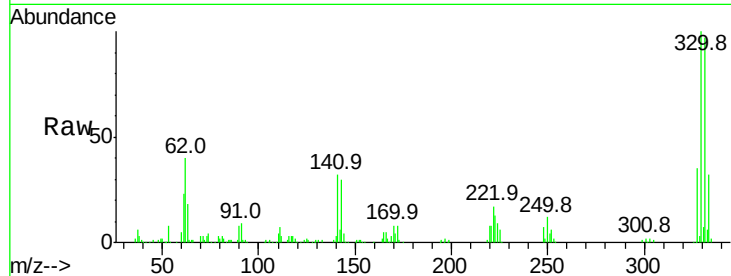




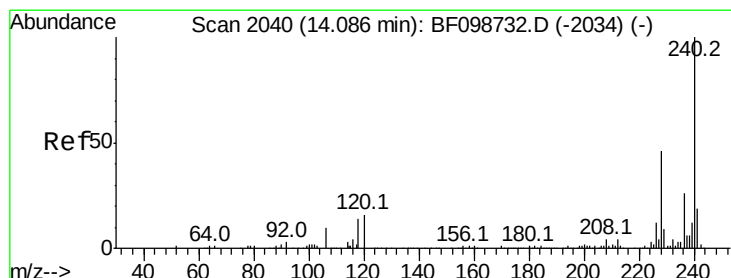
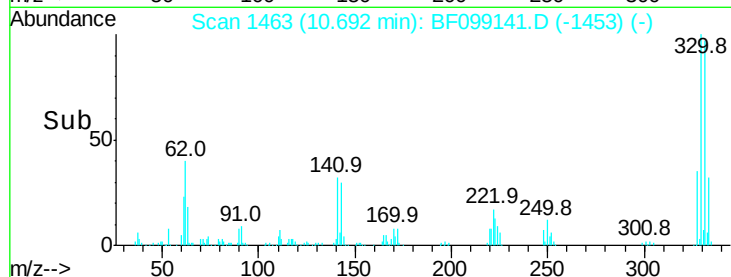
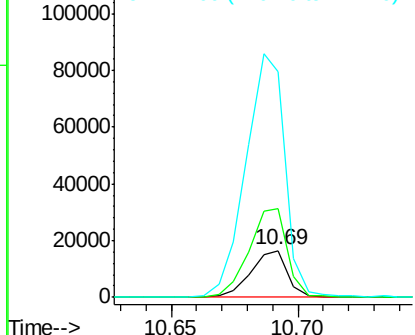
#66
 4-Bromophenyl-phenylether
 Concen: 3.931 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099141.D
 Acq: 6 Oct 2017 11:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16571
 Ion Ratio Lower Upper
 248 100
 250 191.7 76.9 115.3#
 141 484.8 74.4 111.6#

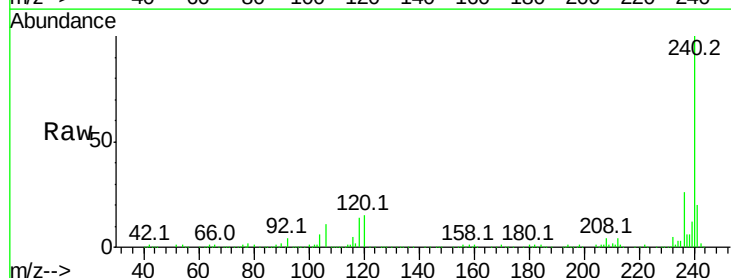


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

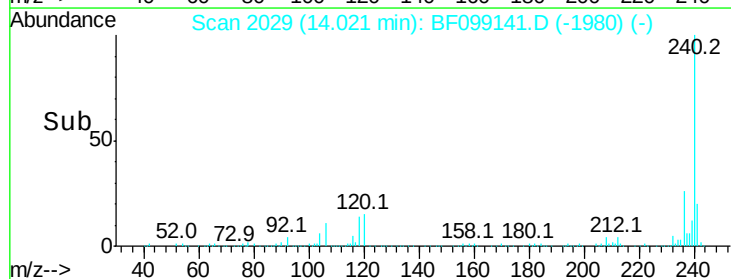
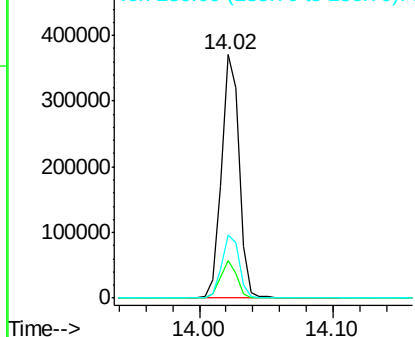


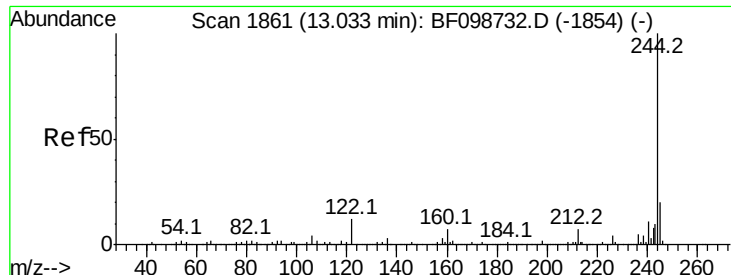
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099141.D
 Acq: 6 Oct 2017 11:41

Tgt Ion:240 Resp: 349606
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 25.9 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: 74.195 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099141.D

Acq: 6 Oct 2017 11:41

Instrument :

BNA_F

ClientSampled :

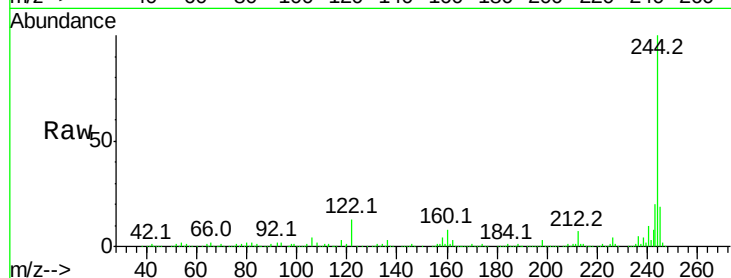
Tot Ion:244 Resp: 1140577

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

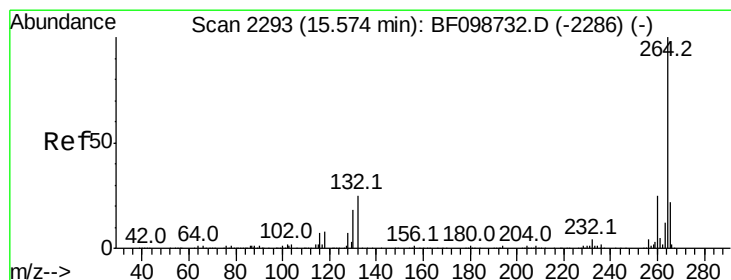
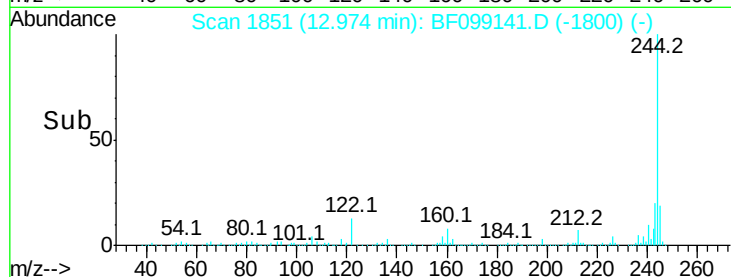
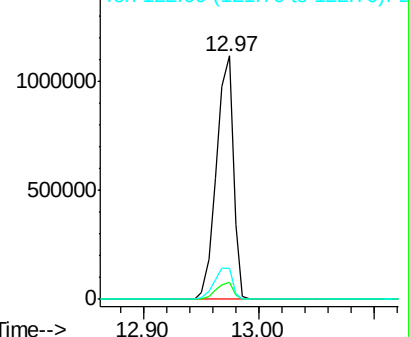
122 12.9 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099141.D

Acq: 6 Oct 2017 11:41

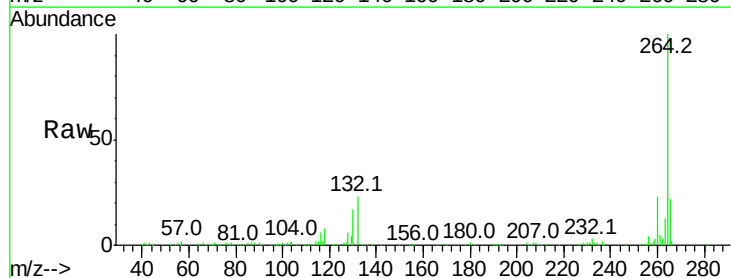
Tgt Ion:264 Resp: 255827

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

