

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099681.D
 Acq On : 20 Oct 2017 2:29
 Operator : SJ/JU
 Sample : I5968-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:53:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

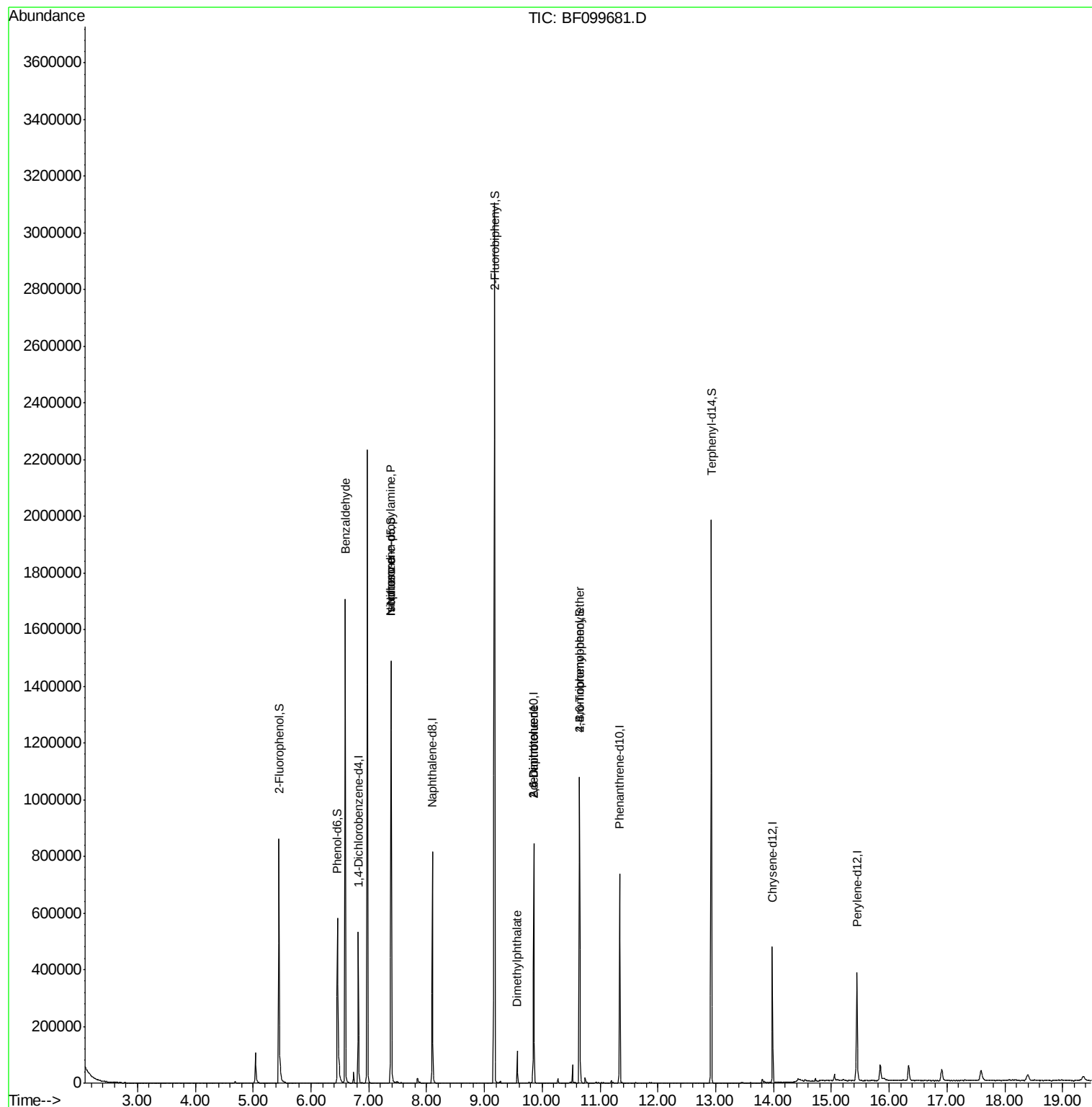
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	90499	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	372731	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	163401	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	244537	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	158860	20.00	ng	-0.02
86) Perylene-d12	15.44	264	169143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	284302	50.01	ng	0.00
7) Phenol-d6	6.46	99	214756	30.62	ng	-0.02
23) Nitrobenzene-d5	7.39	82	568766	97.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	122763	91.82	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1057036	107.99	ng	-0.01
78) Terphenyl-d14	12.92	244	694748	99.46	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	8632	2.122	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	71789	16.033	ng	# 71
25) Isophorone	7.39	82	568760	47.331	ng	# 64
49) Dimethylphthalate	9.57	163	48682	3.947	ng	99
50) 2,6-Dinitrotoluene	9.85	165	20496	7.634	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	20496	5.882	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	7843	3.277	ng	# 1

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

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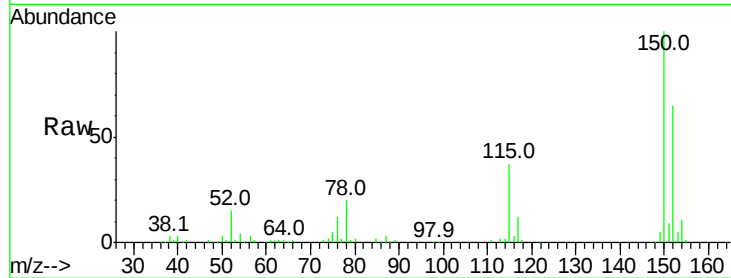


#1

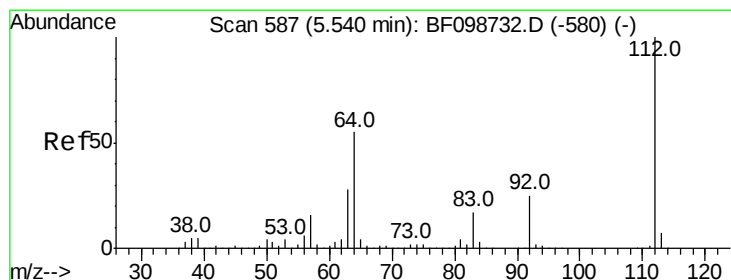
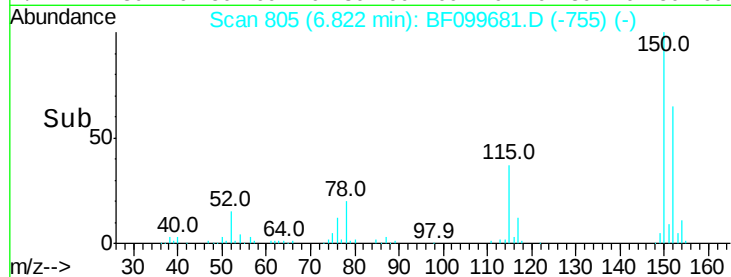
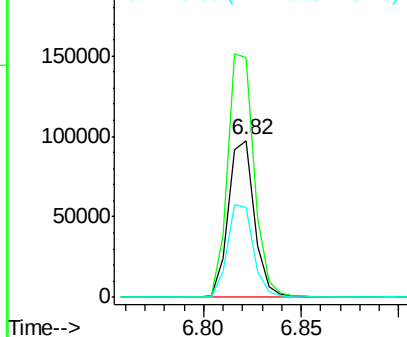
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF099681.D
Acq: 20 Oct 2017 2:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90499
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 57.0 50.1 75.1



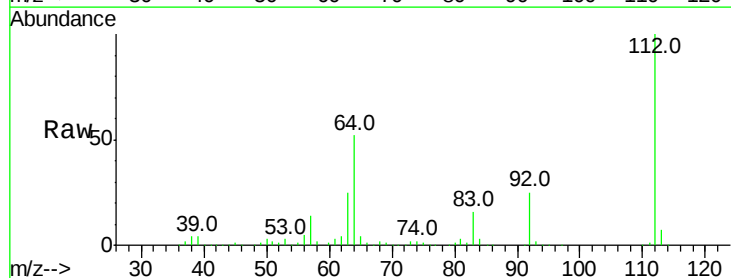
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



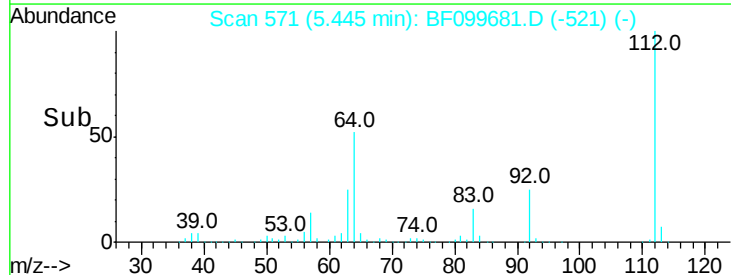
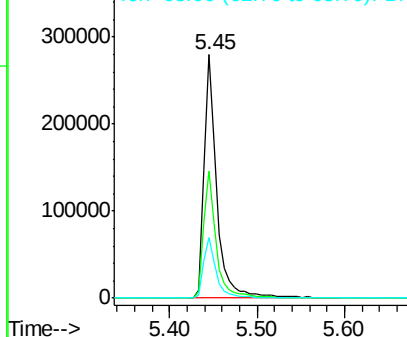
#5

2-Fluorophenol
Concen: 50.009 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF099681.D
Acq: 20 Oct 2017 2:29

Tgt Ion:112 Resp: 284302
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 25.1 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: 30.622 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099681.D

Acq: 20 Oct 2017 2:29

Instrument :

BNA_F

ClientSampleId :

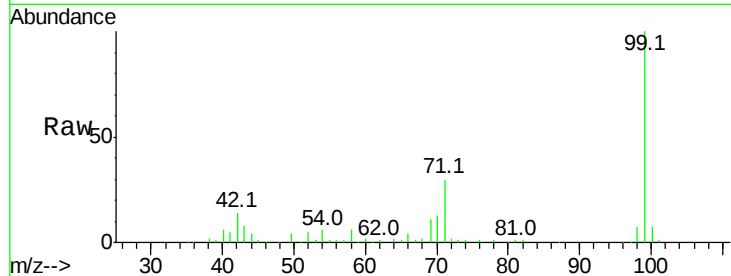
Tot Ion: 99 Resp: 214756

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

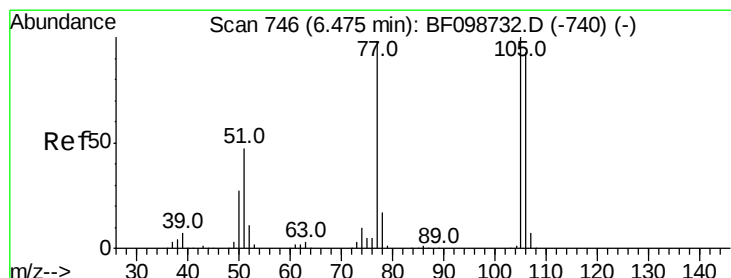
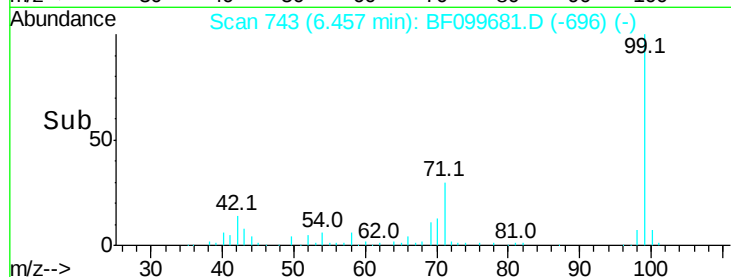
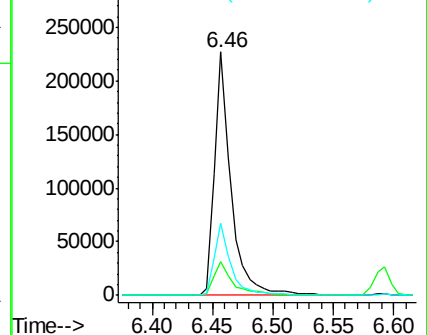
71 29.5 25.4 38.0



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: 2.122 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.21 min

Lab File: BF099681.D

Acq: 20 Oct 2017 2:29

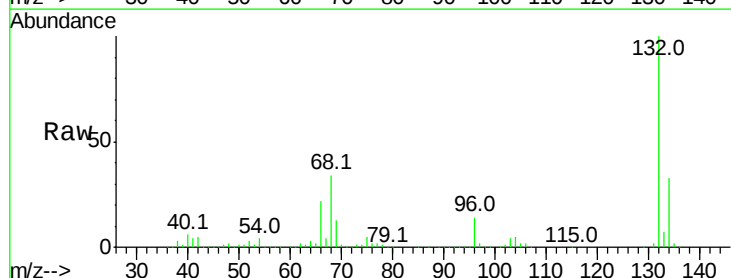
Tgt Ion: 77 Resp: 8632

Ion Ratio Lower Upper

77 100

105 95.7 81.1 121.1

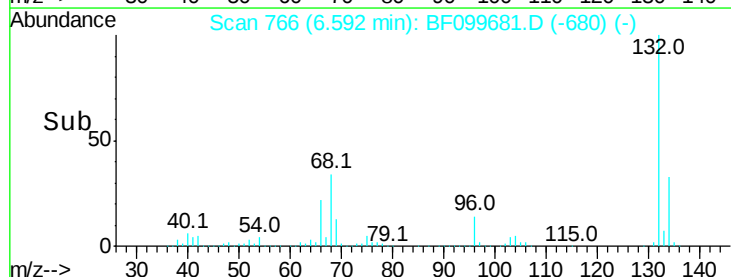
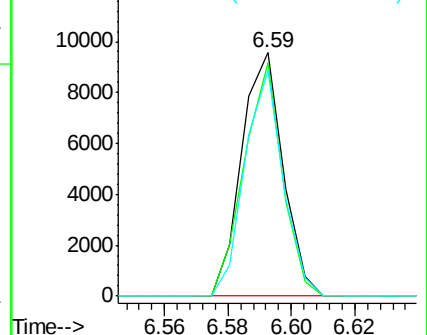
106 92.5 74.5 114.5

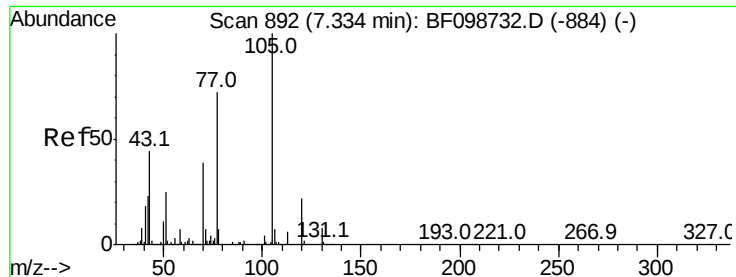


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

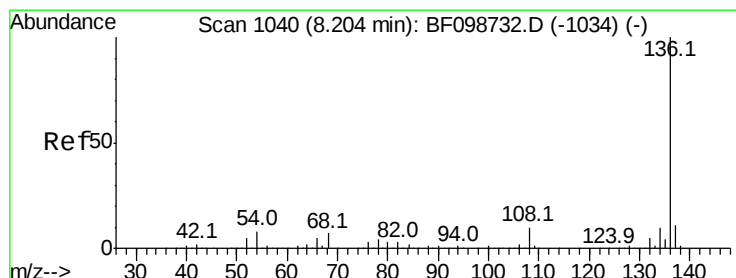
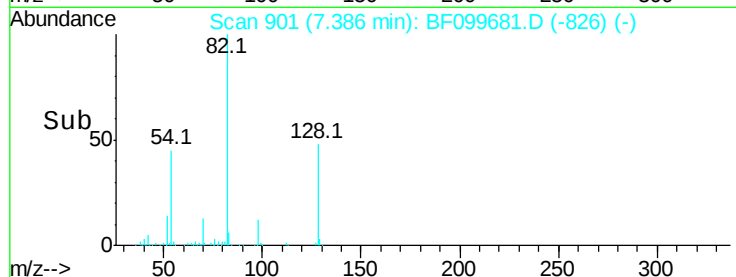
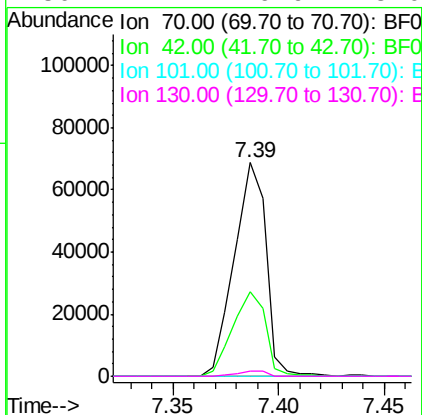
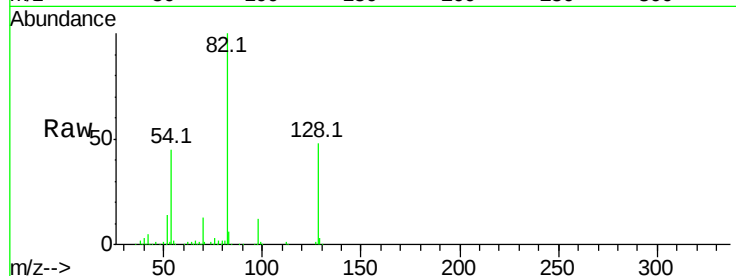




#19
n-Nitroso-di-n-propylamine
Concen: 16.033 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF099681.D
Acq: 20 Oct 2017 2:29

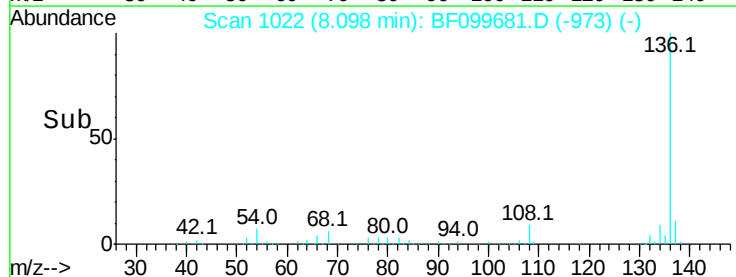
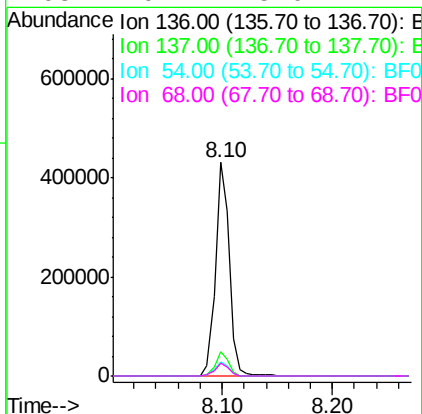
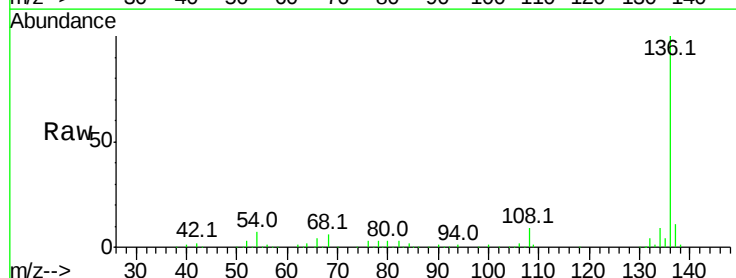
Instrument :
BNA_F
ClientSampleId :

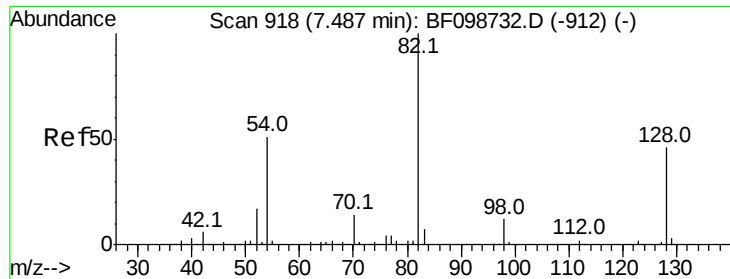
Tot Ion: 70 Resp: 71789
Ion Ratio Lower Upper
70 100
42 39.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099681.D
Acq: 20 Oct 2017 2:29

Tgt Ion: 136 Resp: 372731
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.8 6.6 9.8
68 6.1 5.0 7.4

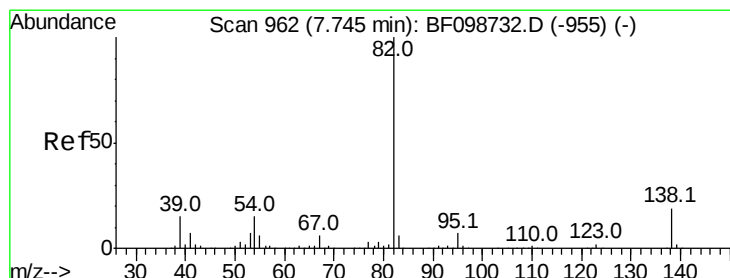
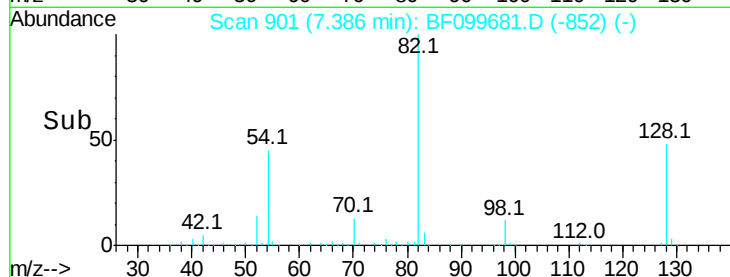
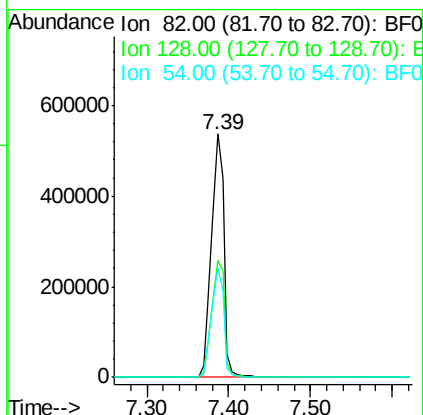
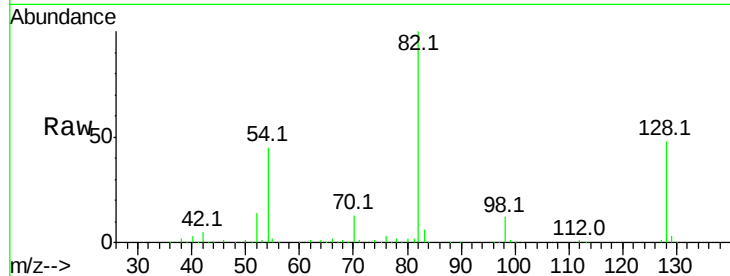




#23
 Nitrobenzene-d5
 Concen: 97.859 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099681.D
 Acq: 20 Oct 2017 2:29

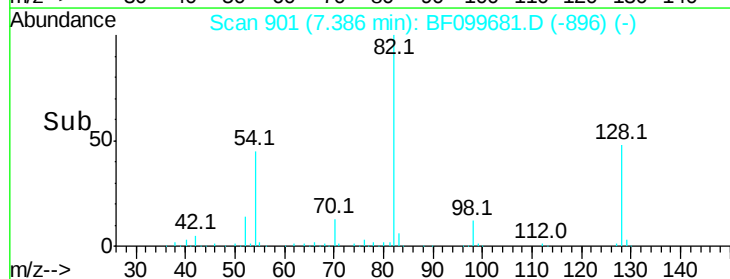
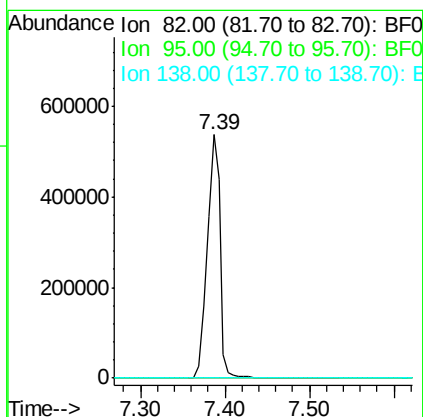
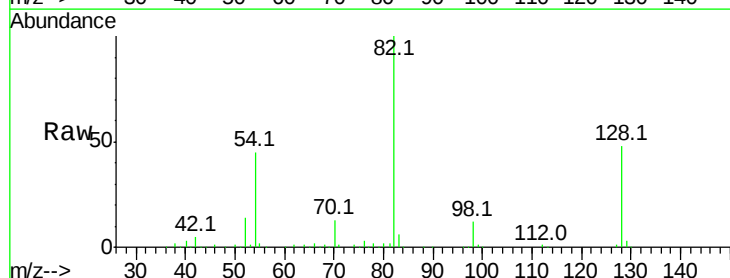
Instrument :
 BNA_F
 ClientSampleId :

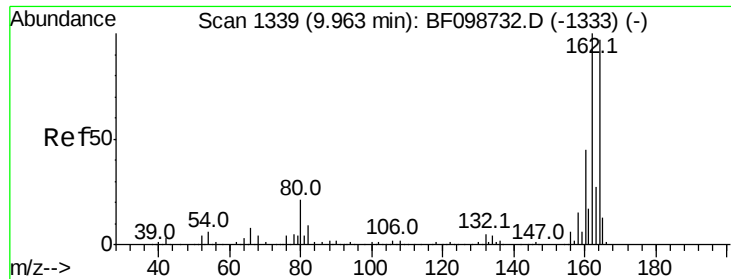
Tot Ion	82	Resp	568766
Ion Ratio	Lower	Upper	
82	100		
128	48.1	36.1	54.1
54	45.0	41.4	62.2



#25
 Isophorone
 Concen: 47.331 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.27 min
 Lab File: BF099681.D
 Acq: 20 Oct 2017 2:29

Tgt Ion	82	Resp	568760
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

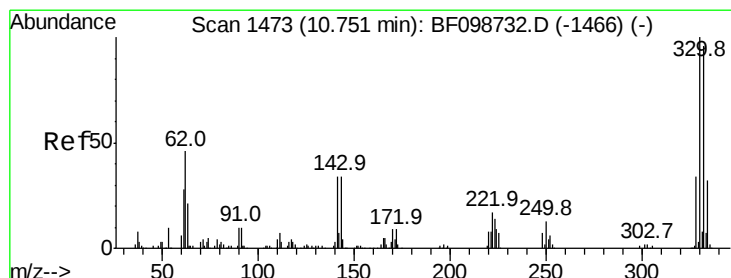
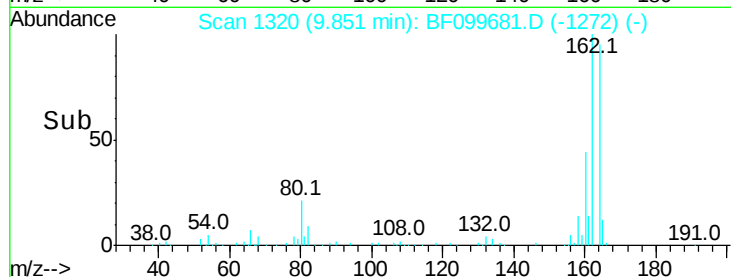
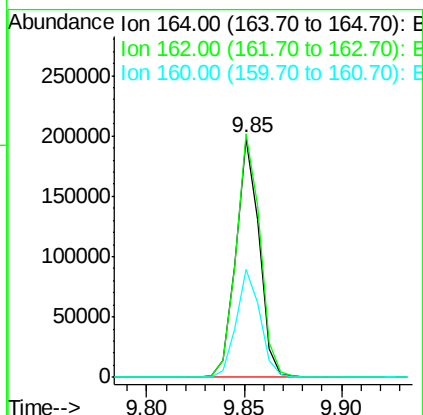
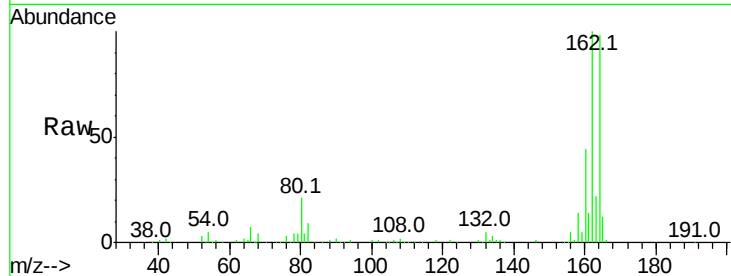




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF099681.D
 Acq: 20 Oct 2017 2:29

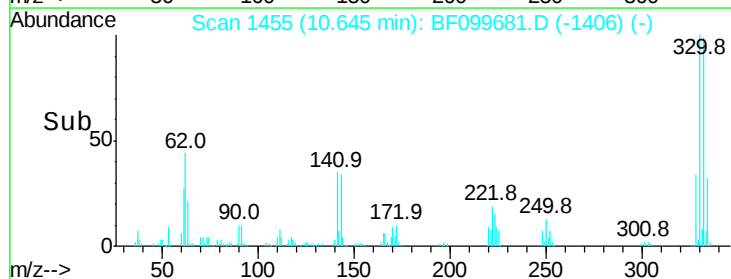
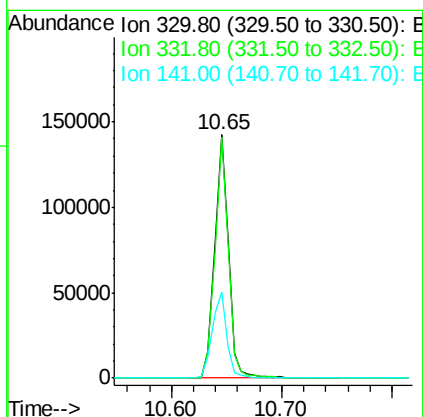
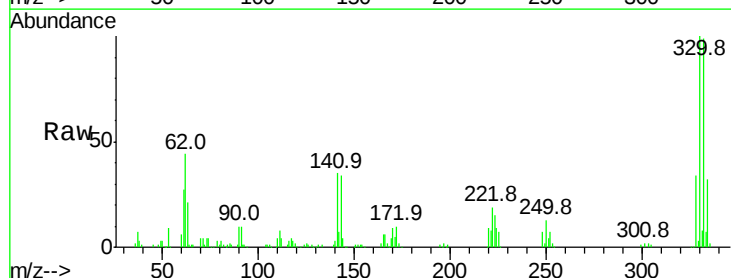
Instrument :
 BNA_F
 ClientSampleId :

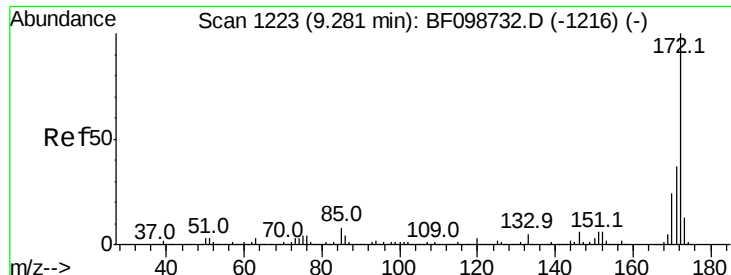
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.2	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 91.815 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099681.D
 Acq: 20 Oct 2017 2:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.6	29.9	44.9

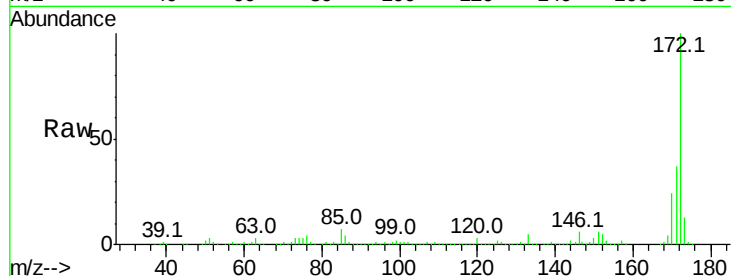




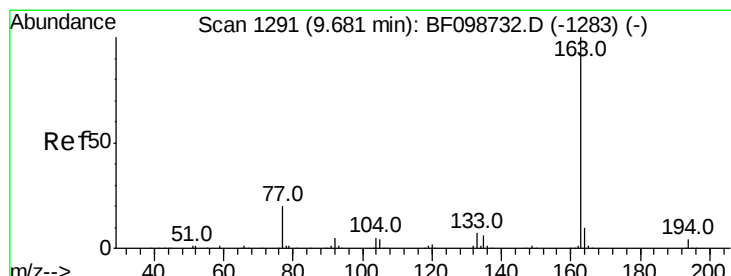
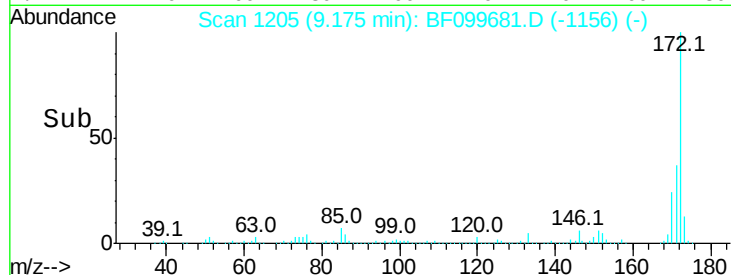
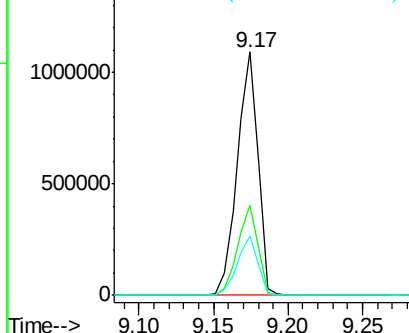
#44
2-Fluorobiphenyl
Concen: 107.994 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF099681.D
Acq: 20 Oct 2017 2:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1057036
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.2 19.6 29.4

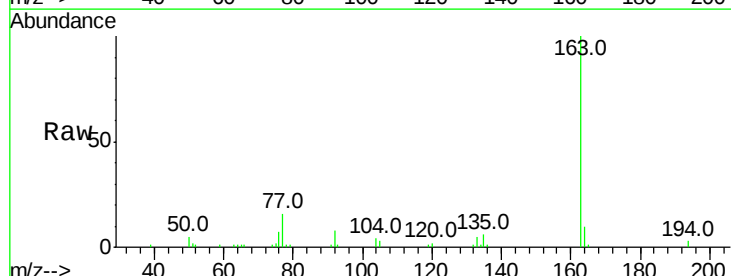


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

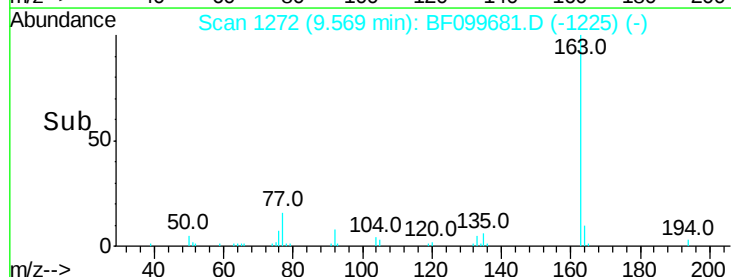
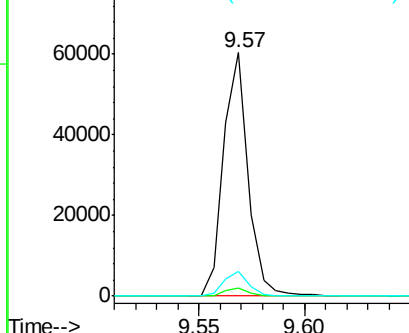


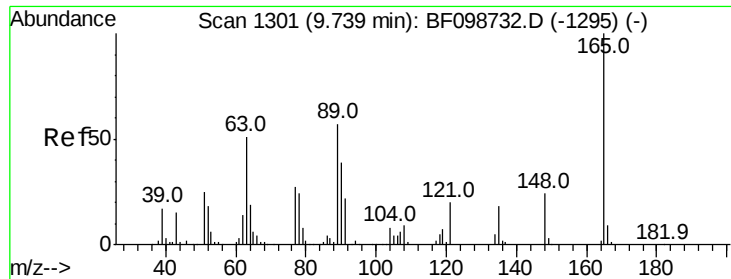
#49
Dimethylphthalate
Concen: 3.947 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF099681.D
Acq: 20 Oct 2017 2:29

Tgt Ion:163 Resp: 48682
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 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

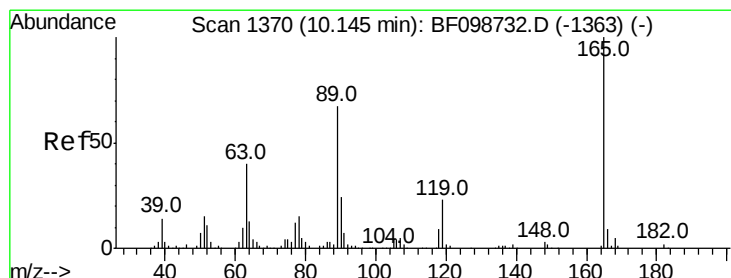
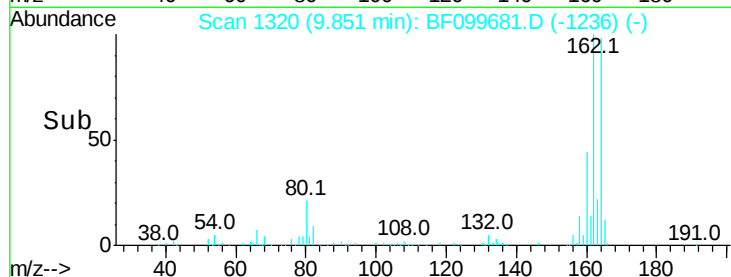
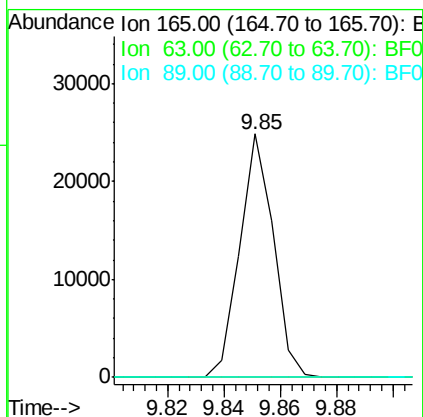
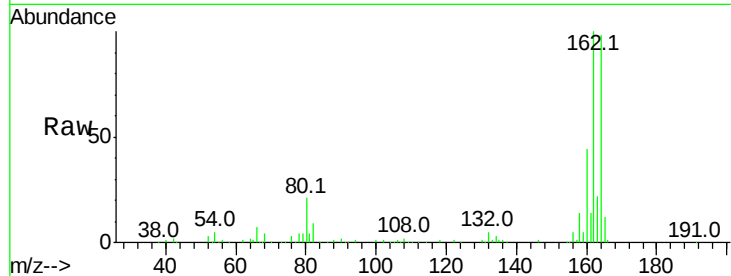




#50
2,6-Dinitrotoluene
Concen: 7.634 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099681.D
Acq: 20 Oct 2017 2:29

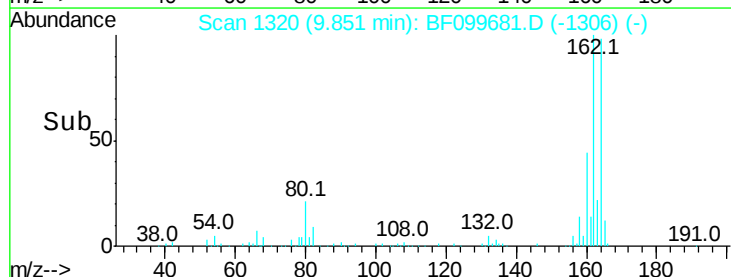
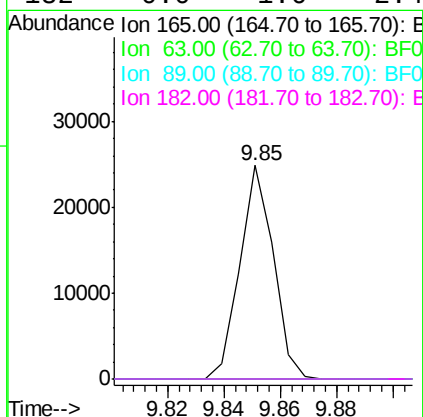
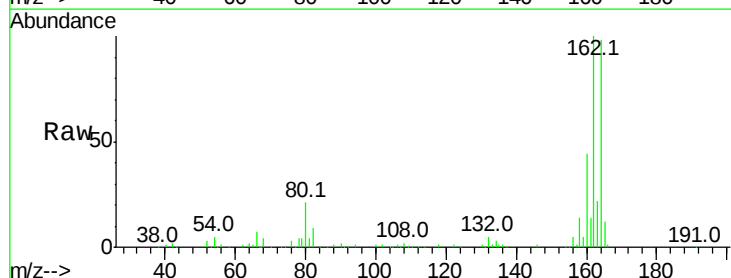
Instrument :
BNA_F
ClientSampleId :

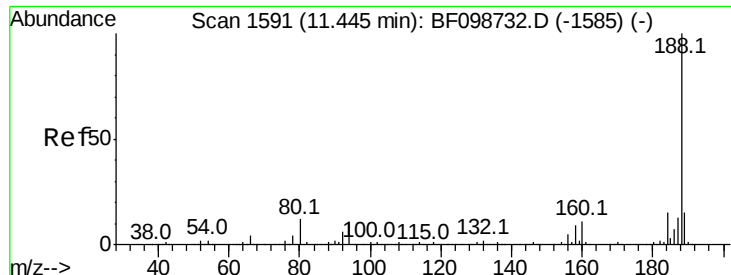
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 5.882 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.22 min
Lab File: BF099681.D
Acq: 20 Oct 2017 2:29

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

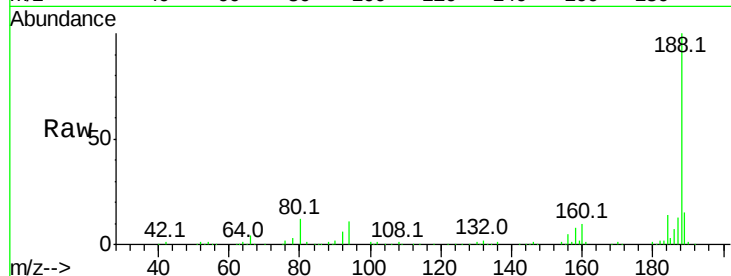




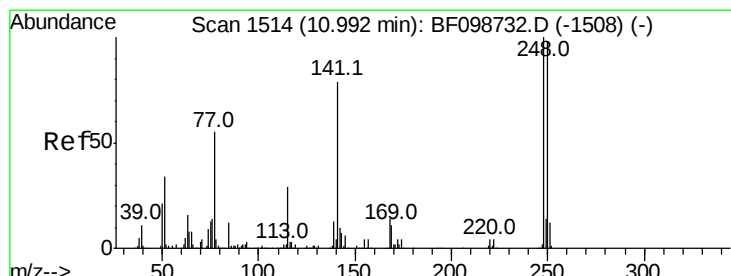
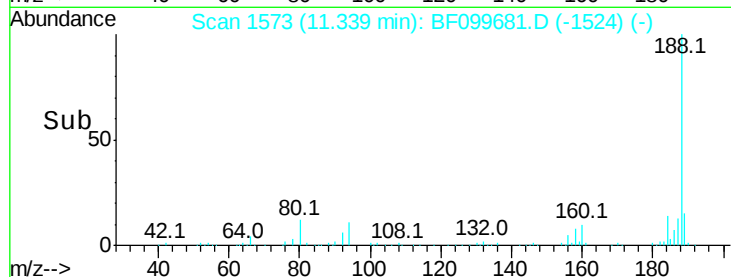
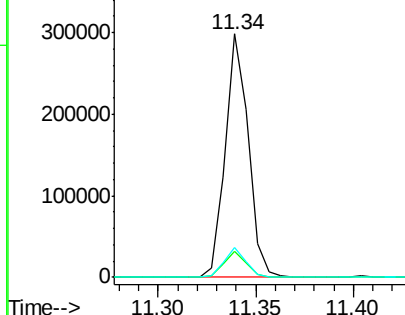
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099681.D
 Acq: 20 Oct 2017 2:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.0	9.2	13.8

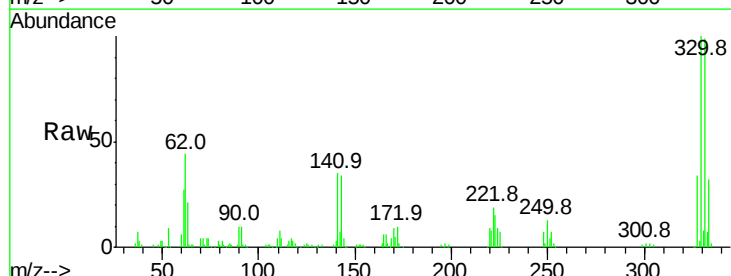


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

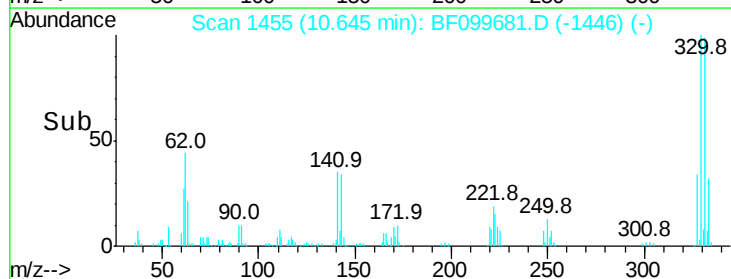
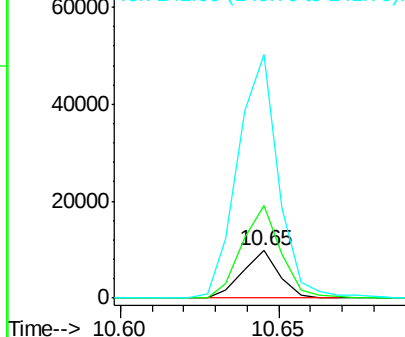


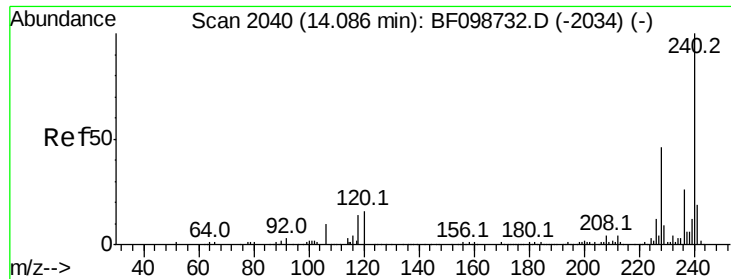
#66
 4-Bromophenyl-phenylether
 Concen: 3.277 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF099681.D
 Acq: 20 Oct 2017 2:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.9	115.3#
141	515.2	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: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF099681.D

Acq: 20 Oct 2017 2:29

Instrument :

BNA_F

ClientSampleId :

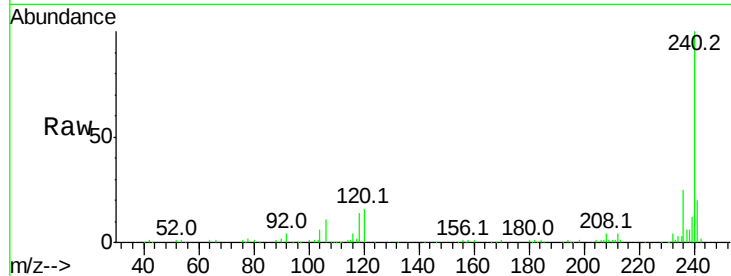
Tot Ion:240 Resp: 158860

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

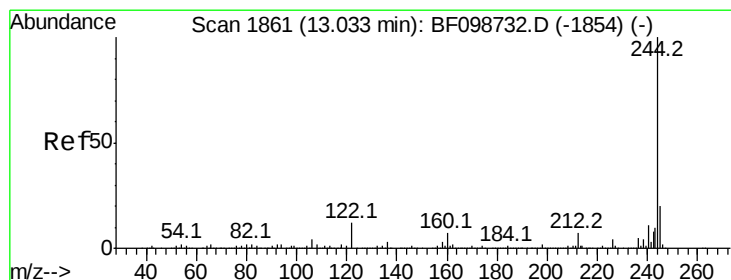
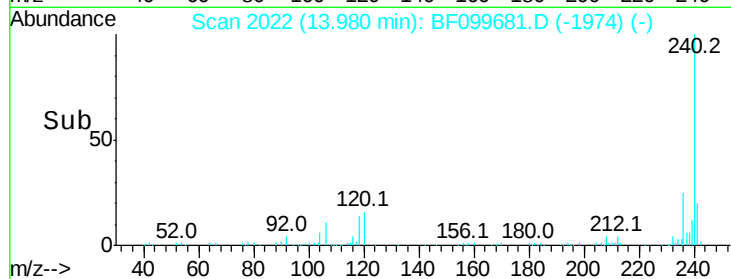
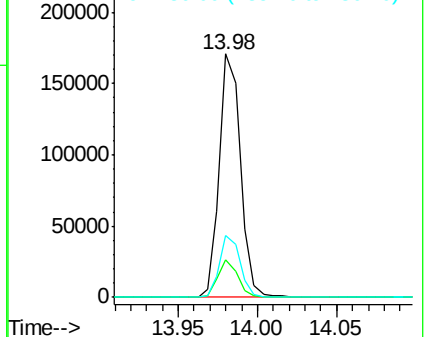
236 25.3 20.7 31.1



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: 99.458 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF099681.D

Acq: 20 Oct 2017 2:29

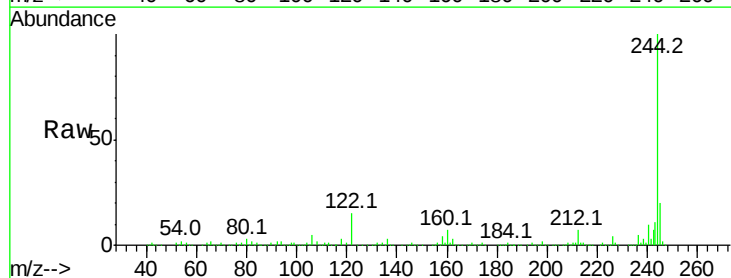
Tgt Ion:244 Resp: 694748

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

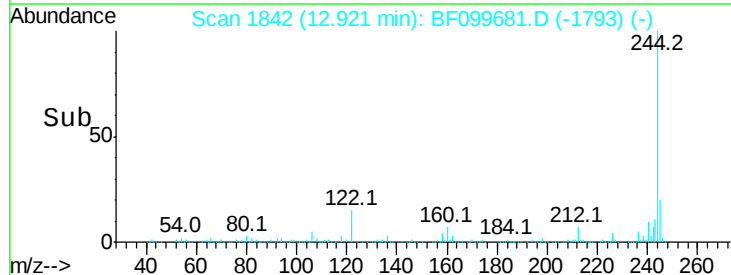
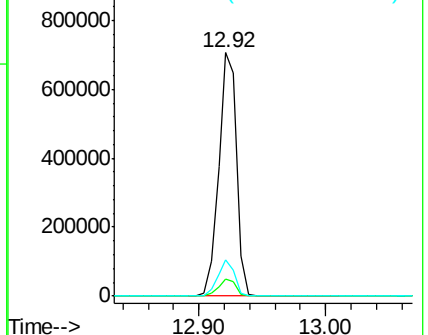
122 14.7 11.0 16.4

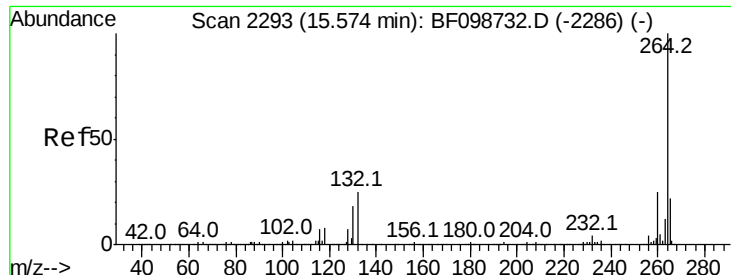


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

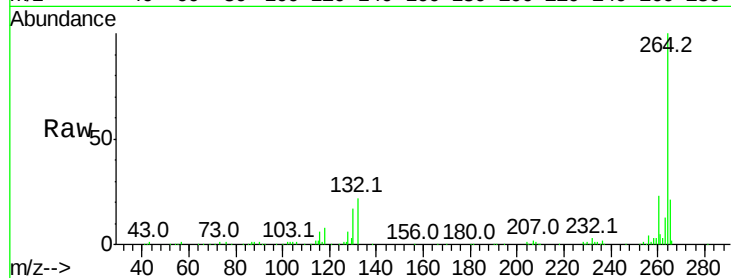




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF099681.D
 Acq: 20 Oct 2017 2:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	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

