

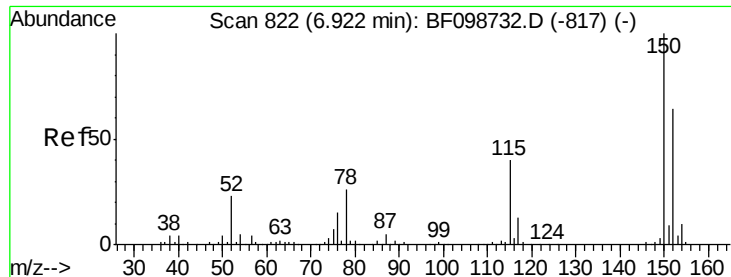
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099275.D
 Acq On : 9 Oct 2017 21:13
 Operator : SJ/JU
 Sample : I5715-13 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:13:33 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	104402	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	421444	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	181409	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	283226	20.00	ng	0.00
75) Chrysene-d12	14.03	240	196900	20.00	ng	0.00
86) Perylene-d12	15.50	264	185931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	121258	18.49	ng	0.00
7) Phenol-d6	6.49	99	147157	18.19	ng	-0.01
23) Nitrobenzene-d5	7.42	82	82559	12.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	25110	16.92	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	180911	16.65	ng	-0.01
78) Terphenyl-d14	12.96	244	118156	13.65	ng	-0.01
Target Compounds						
25) Isophorone	7.42	82	82558	6.08	ng	# 64
49) Dimethylphthalate	9.61	163	27821	2.03	ng	98
50) 2,6-Dinitrotoluene	9.90	165	23105	7.75	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	23105	5.97	ng	# 21

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

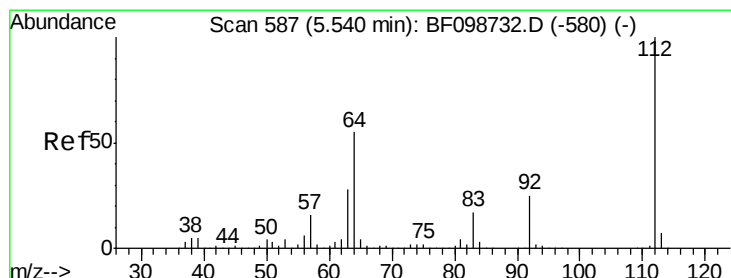
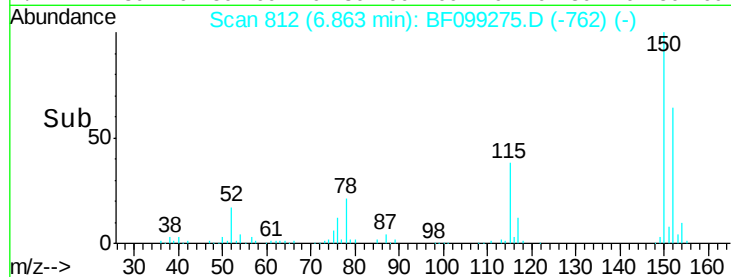
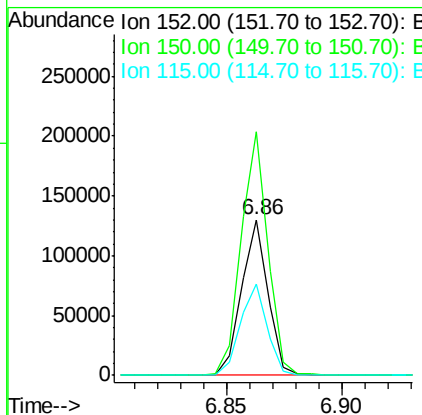
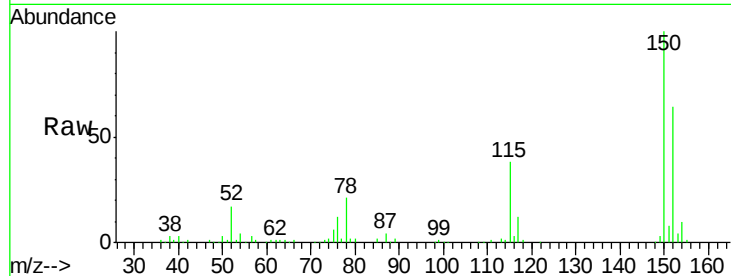


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

Instrument :
BNA_F
ClientSampled :

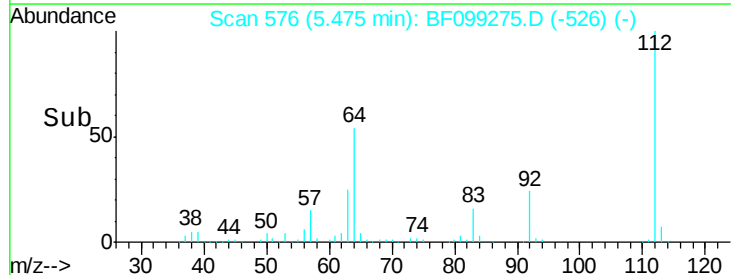
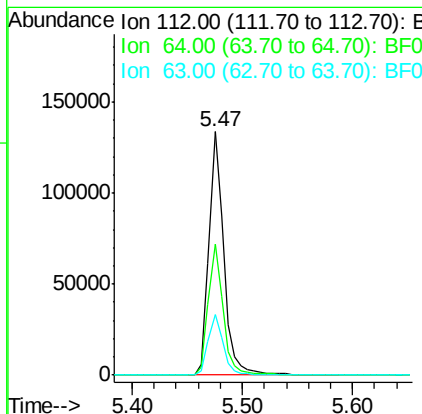
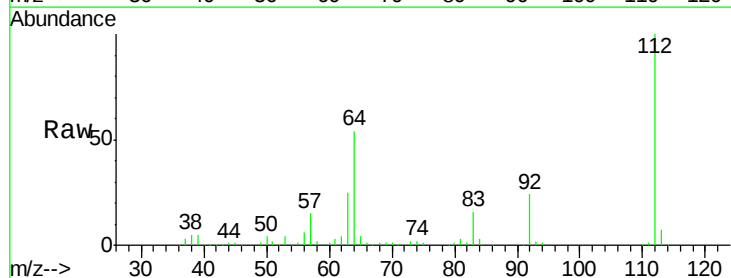
Tot Ion:152 Resp: 104402
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 58.9 50.1 75.1

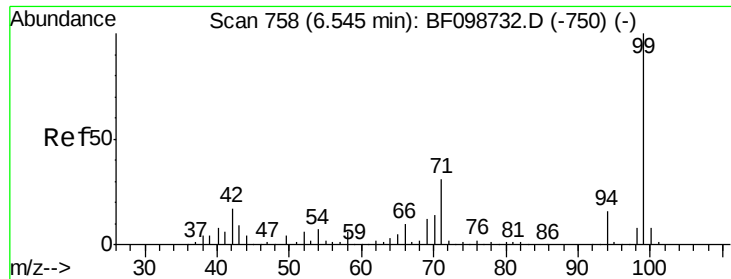


#5

2-Fluorophenol
Concen: 18.49 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

Tgt Ion:112 Resp: 121258
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 25.1 23.7 35.5





#7

Phenol-d6

Concen: 18.19 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099275.D

Acq: 9 Oct 2017 21:13

Instrument :

BNA_F

ClientSampleId :

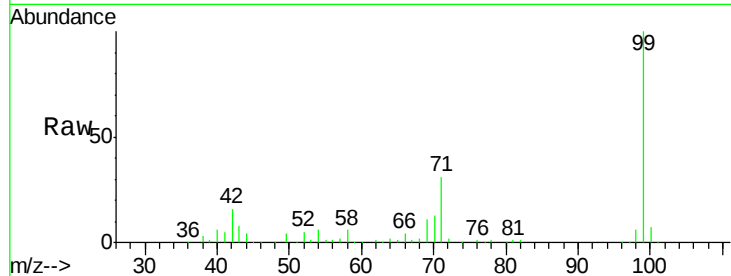
Tot Ion: 99 Resp: 147157

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

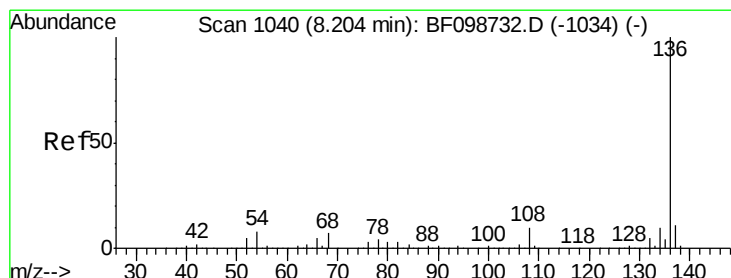
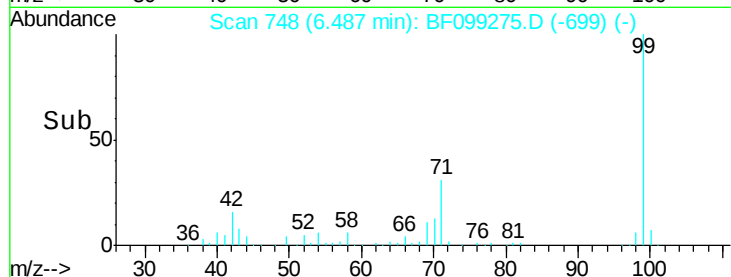
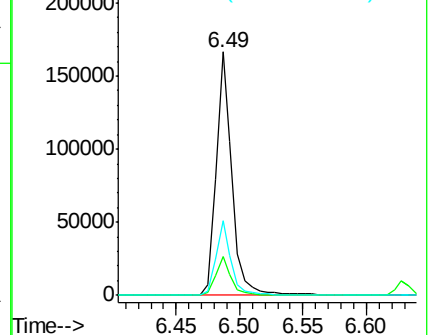
71 30.8 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099275.D

Acq: 9 Oct 2017 21:13

Tgt Ion: 136 Resp: 421444

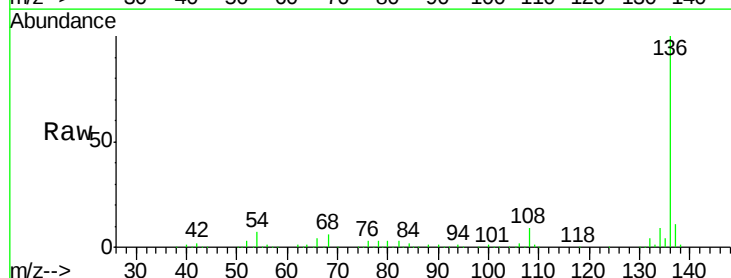
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.7 6.6 9.8

68 5.6 5.0 7.4

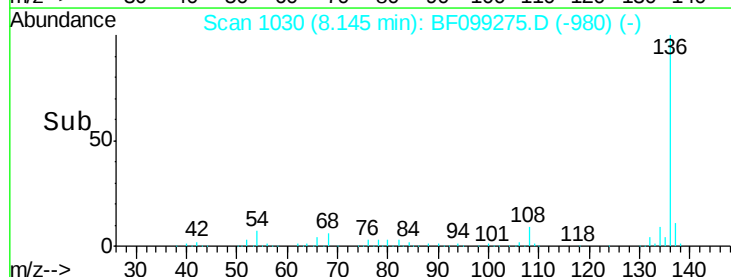
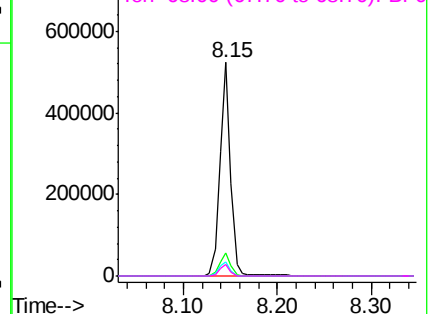


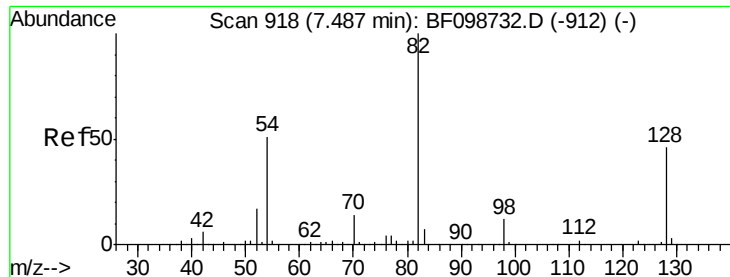
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

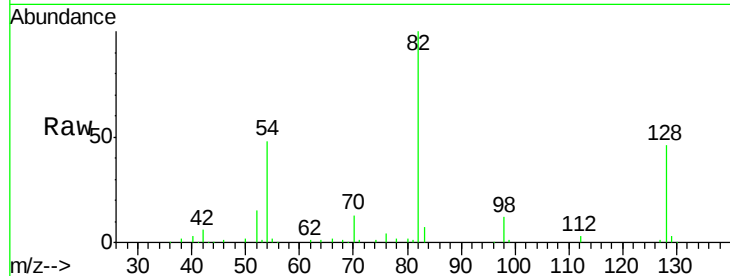




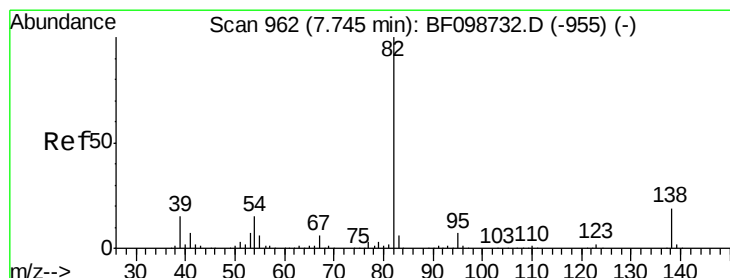
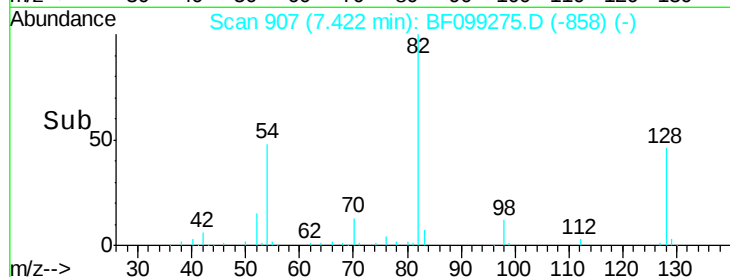
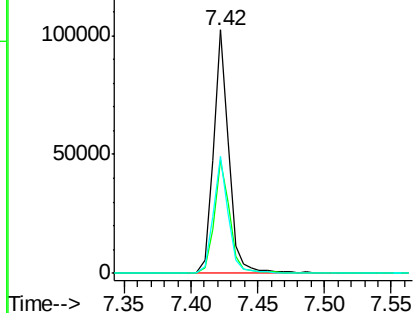
#23
Nitrobenzene-d5
Concen: 12.56 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 82559
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 48.1 41.4 62.2

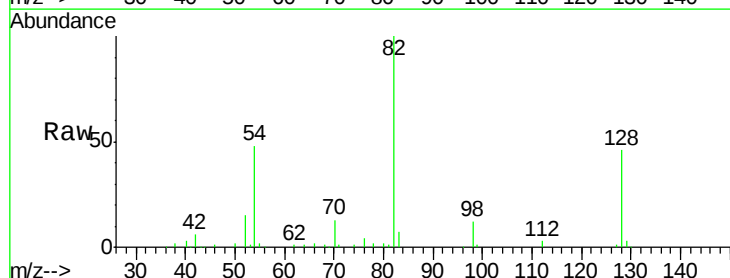


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

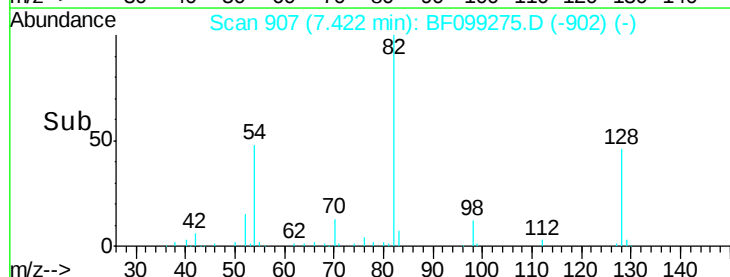
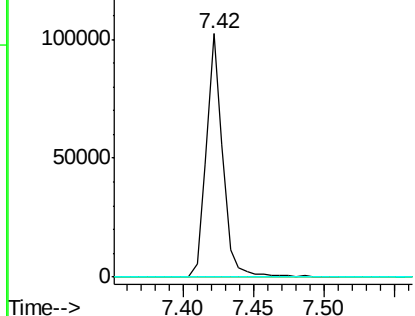


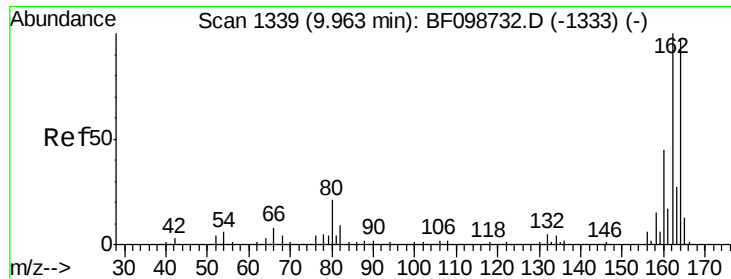
#25
Isophorone
Concen: 6.08 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.27 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

Tgt Ion: 82 Resp: 82558
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

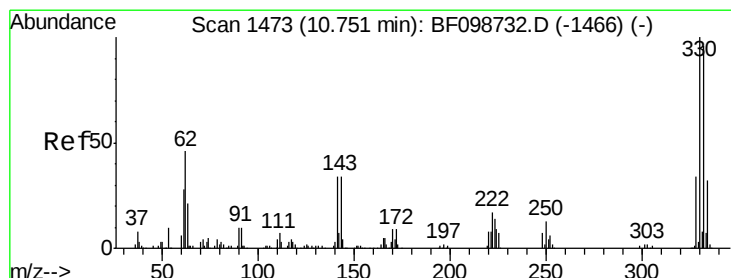
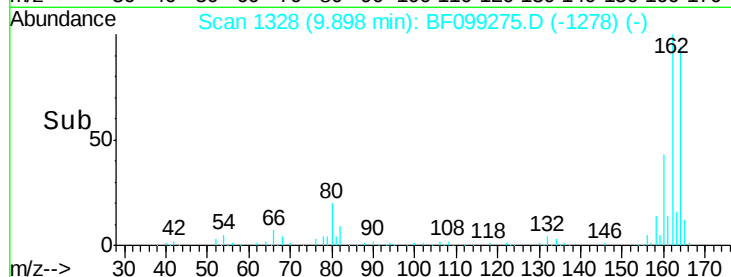
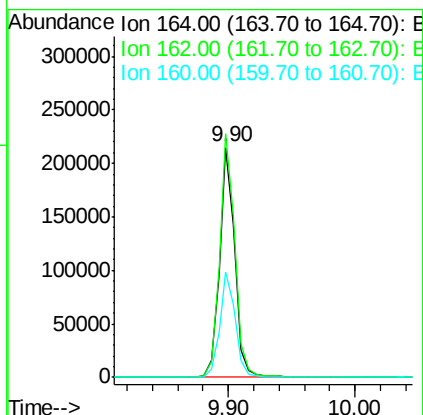
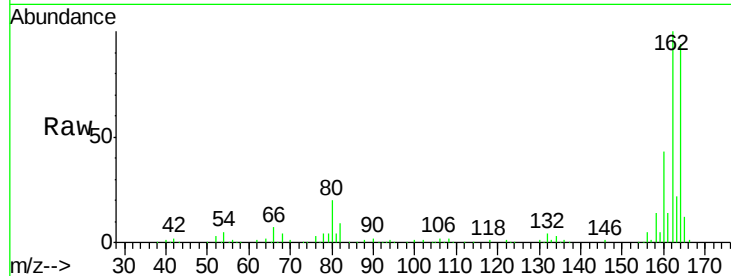




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

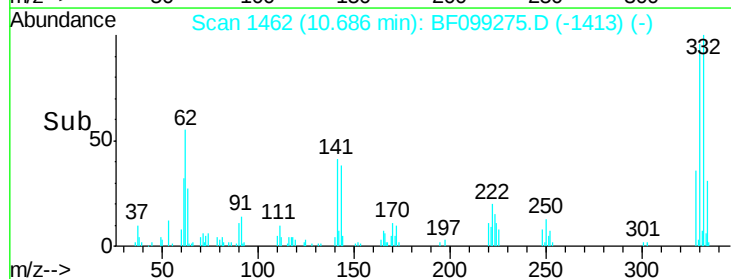
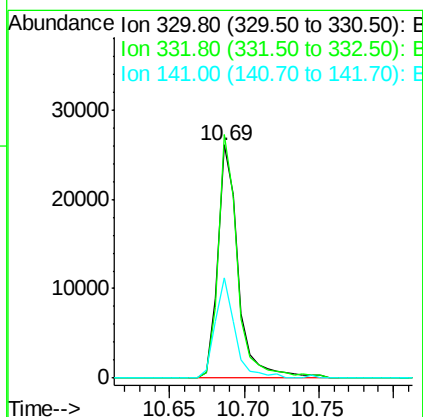
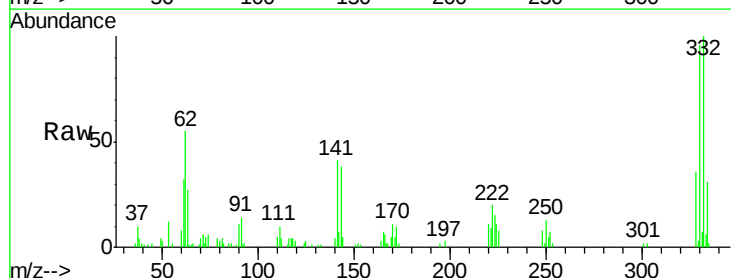
Instrument :
BNA_F
ClientSampleId :

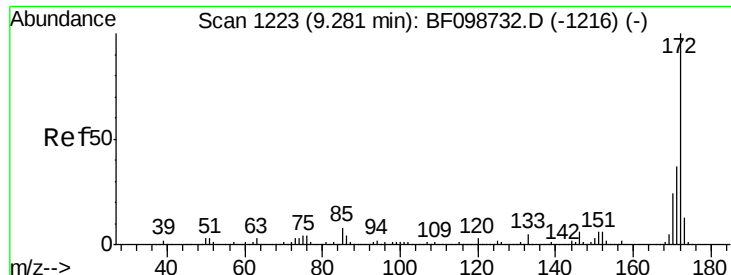
Tot Ion:164 Resp: 181409
Ion Ratio Lower Upper
164 100
162 106.1 86.1 129.1
160 45.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 16.92 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

Tgt Ion:330 Resp: 25110
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 40.9 29.9 44.9

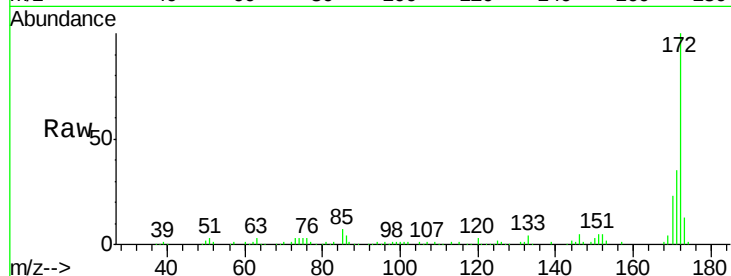




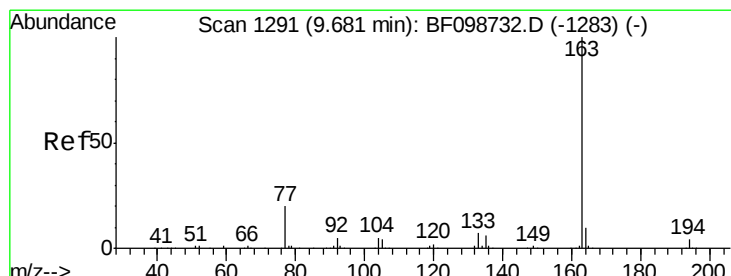
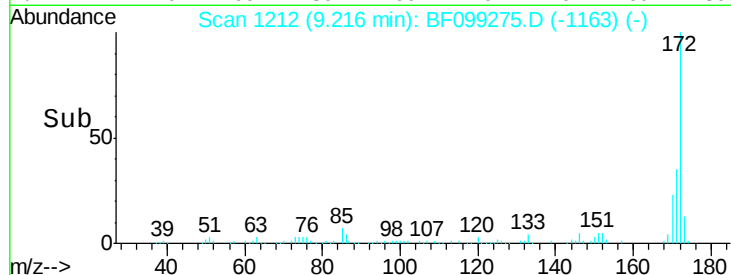
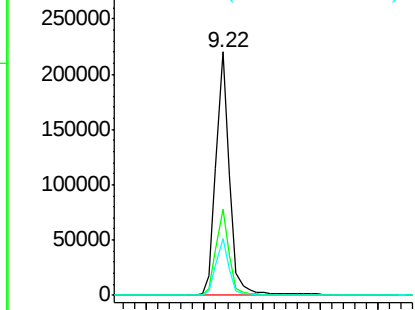
#44
2-Fluorobiphenyl
Concen: 16.65 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 180911
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.3 19.6 29.4

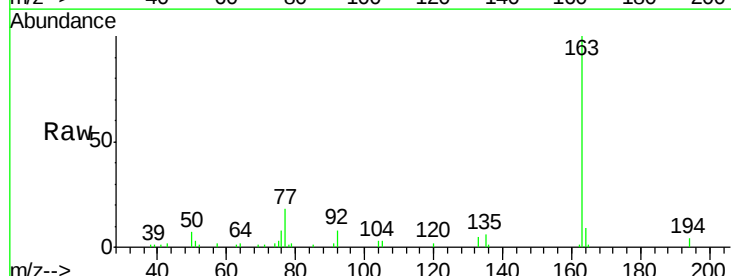


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

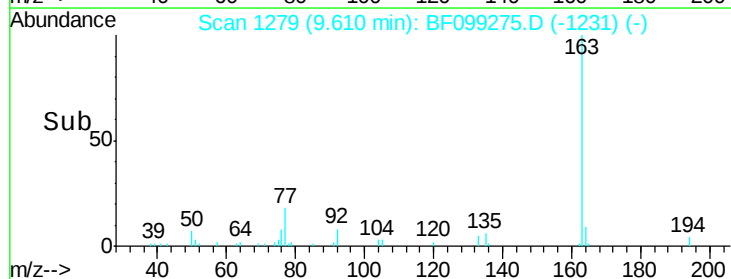
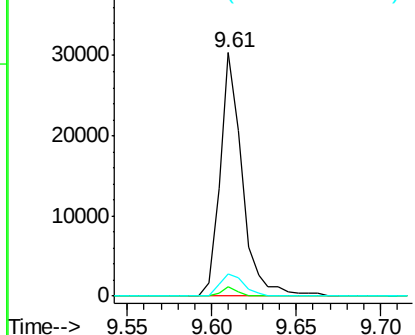


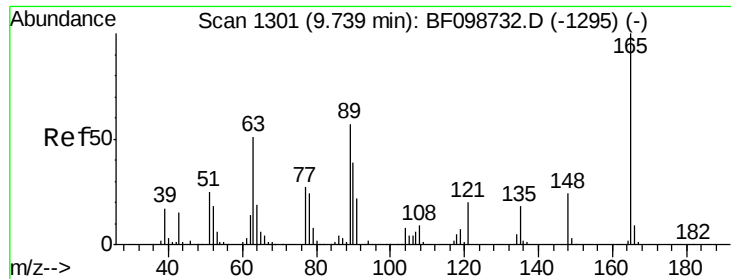
#49
Dimethylphthalate
Concen: 2.03 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

Tgt Ion:163 Resp: 27821
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 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

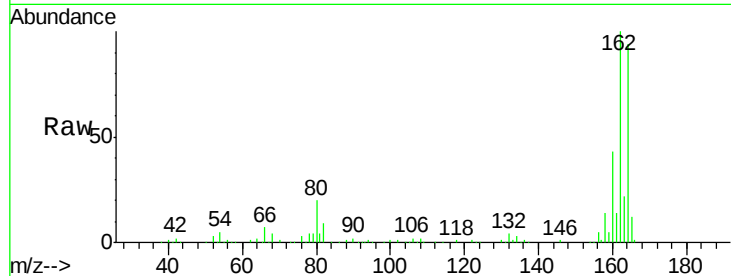




#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099275.D
 Acq: 9 Oct 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :

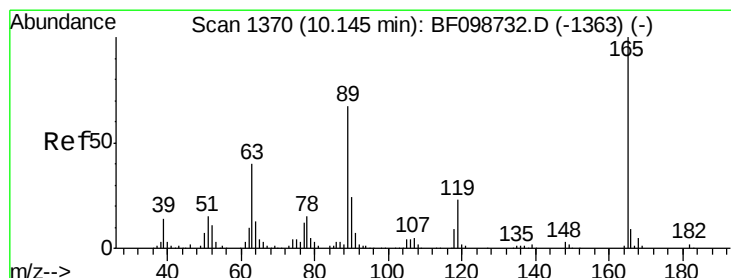
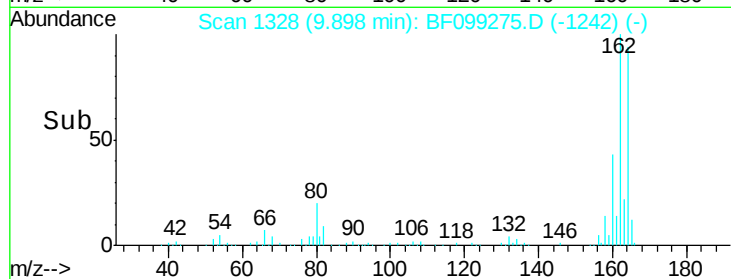
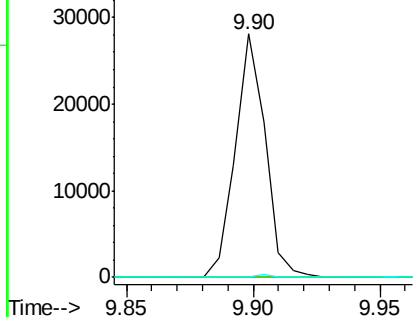
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.97 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099275.D
 Acq: 9 Oct 2017 21:13

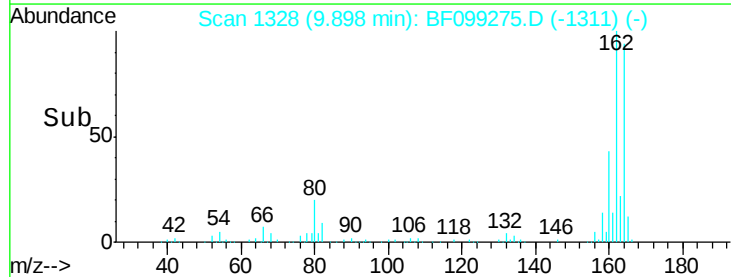
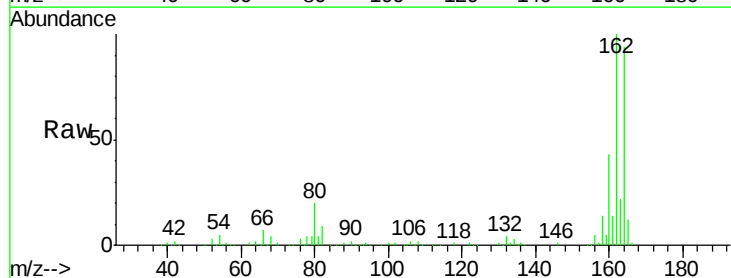
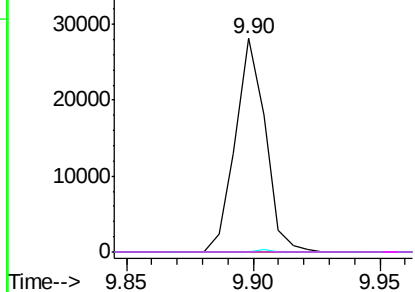
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

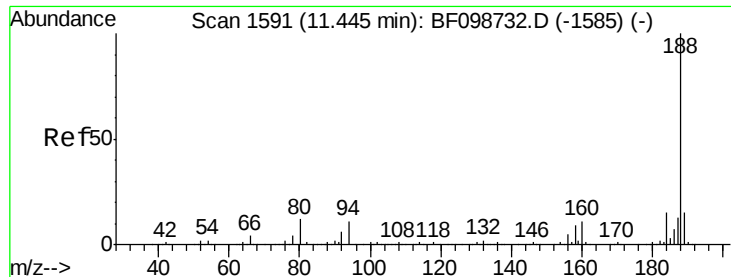
Abundance Ion 165.00 (164.70 to 165.70): E

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

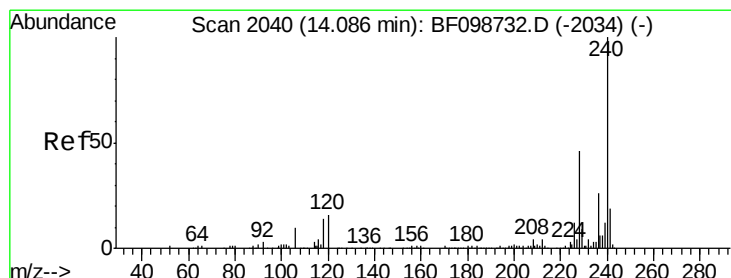
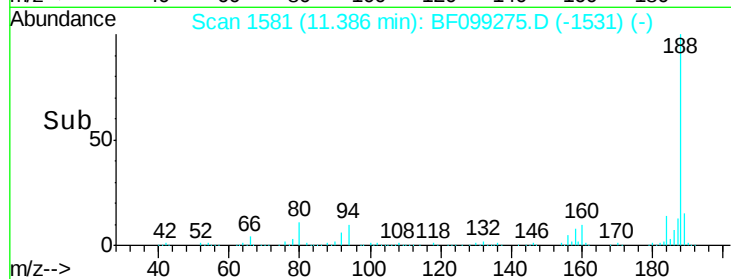
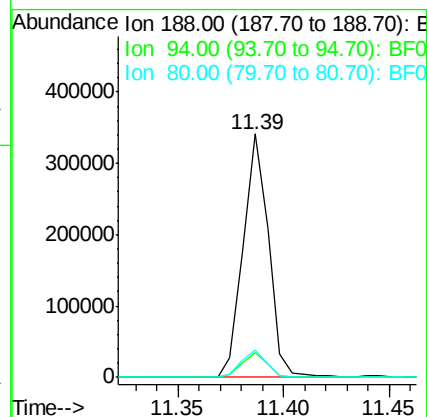
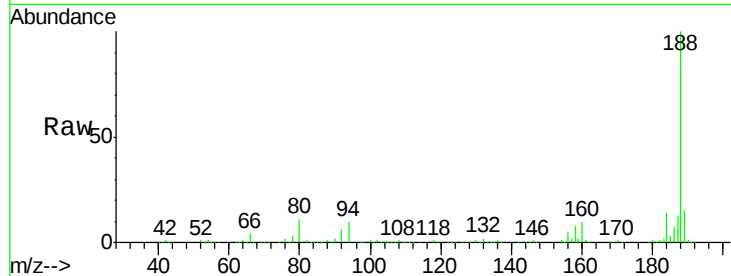




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

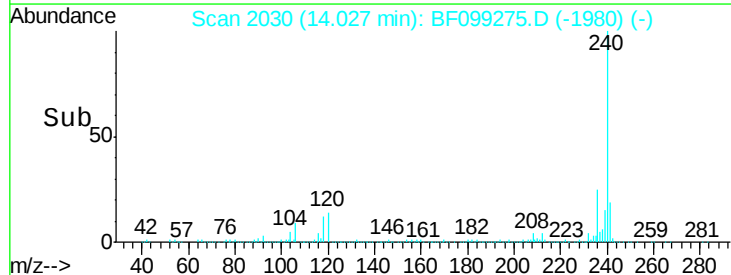
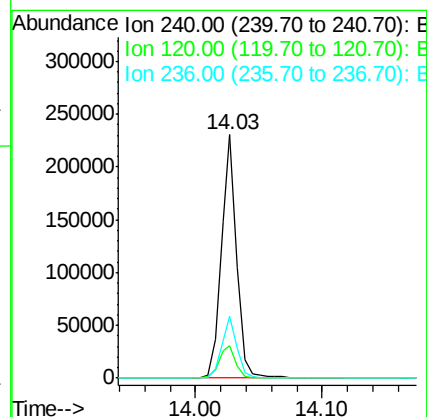
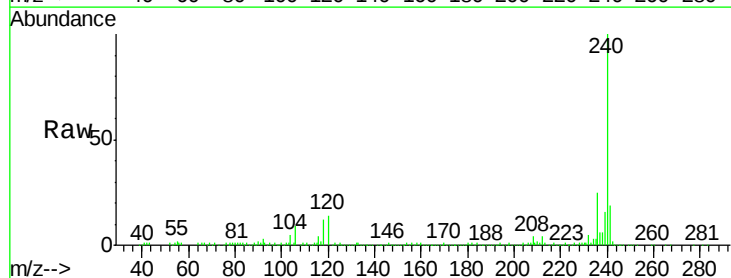
Instrument :
BNA_F
ClientSampleId :

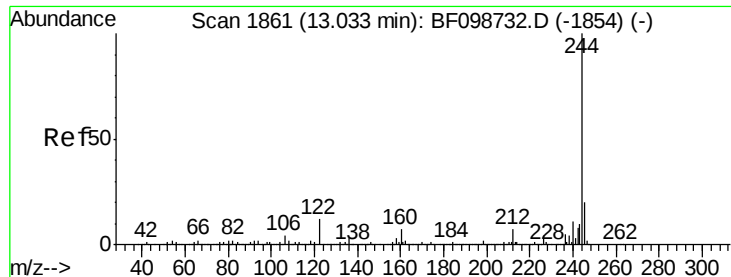
Tot Ion:188 Resp: 283226
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099275.D
Acq: 9 Oct 2017 21:13

Tgt Ion:240 Resp: 196900
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.5 20.7 31.1

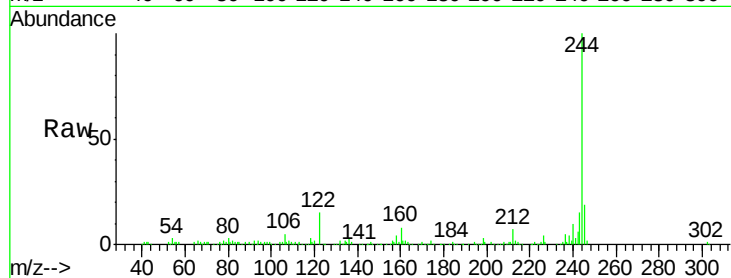




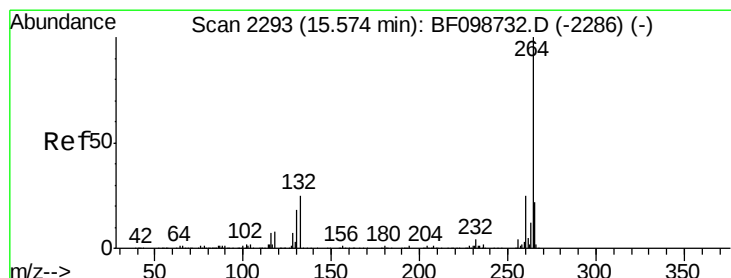
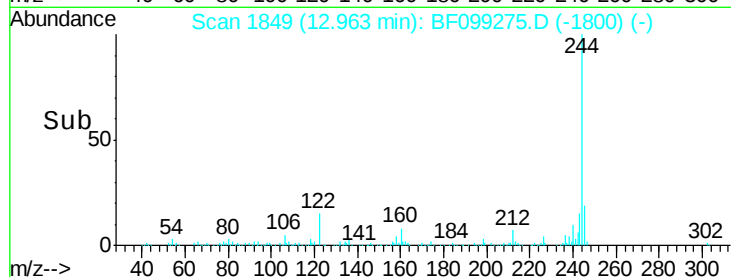
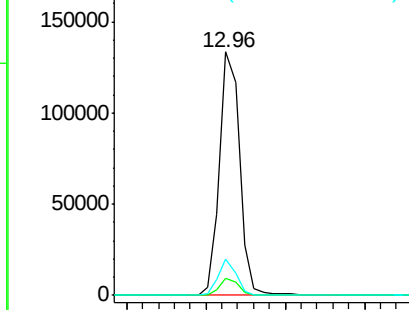
#78
 Terphenyl-d14
 Concen: 13.65 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099275.D
 Acq: 9 Oct 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 118156
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 15.1 11.0 16.4

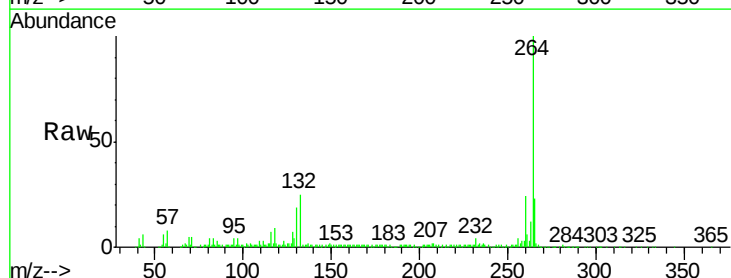


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099275.D
 Acq: 9 Oct 2017 21:13

Tgt Ion:264 Resp: 185931
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 23.0 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

