

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098809.D
 Acq On : 26 Sep 2017 3:43
 Operator : SJ/JU
 Sample : I5374-01 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:25:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

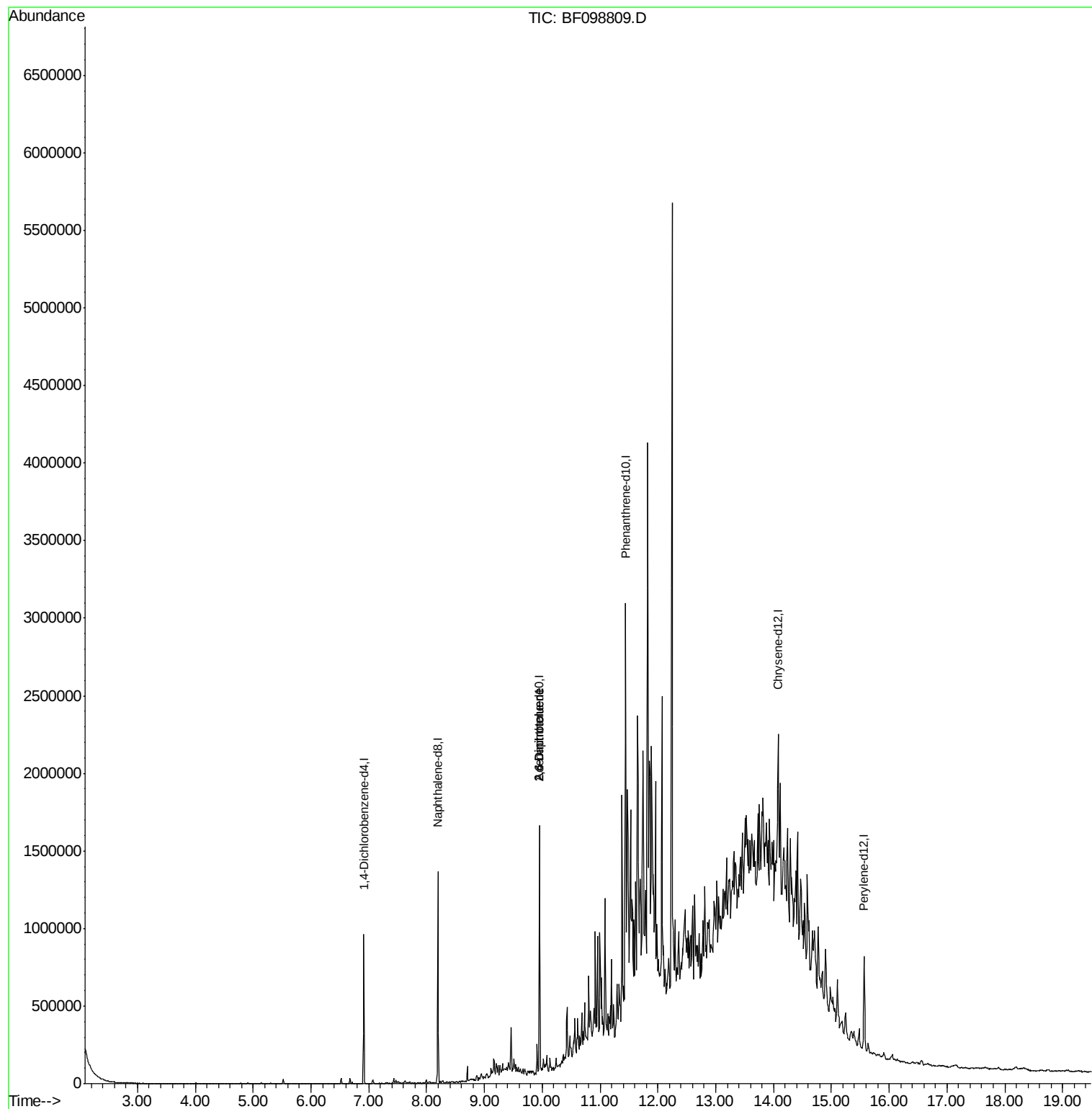
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	145364	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	609179	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	267466	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	406639	20.00	ng	0.00
75) Chrysene-d12	14.08	240	243600	20.00	ng	0.00
86) Perylene-d12	15.57	264	254828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	7753	0.85	ng	-0.02
7) Phenol-d6	6.52	99	9566	0.85	ng	-0.02
23) Nitrobenzene-d5	7.47	82	5142	0.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	1169	0.53	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	11865	0.74	ng	-0.01
78) Terphenyl-d14	13.02	244	8550	0.80	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.95	165	34834	7.926	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	34834	6.107	ng	# 23

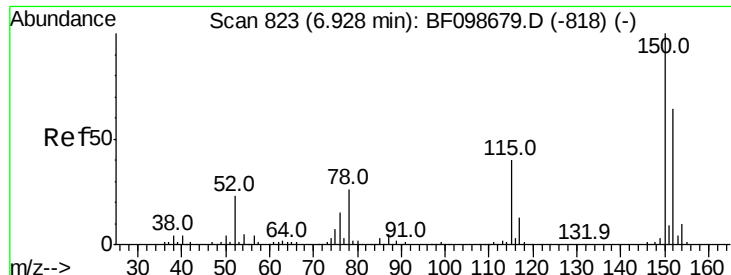
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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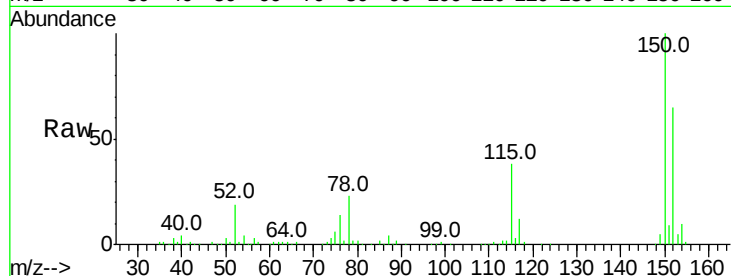


#1

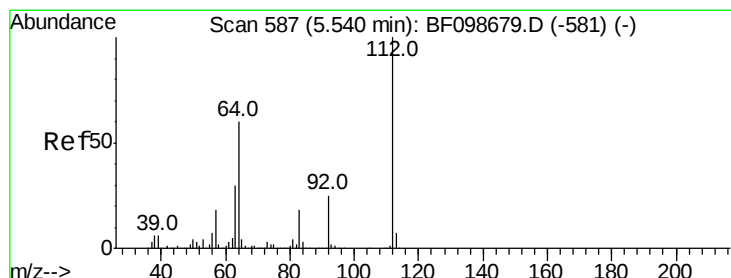
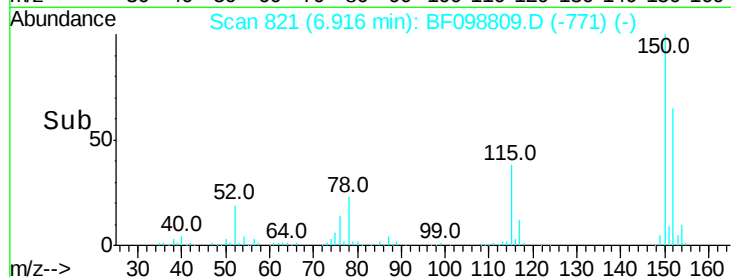
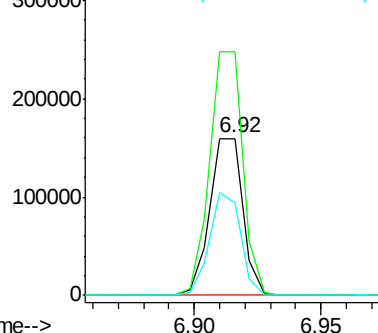
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098809.D
Acq: 26 Sep 2017 3:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145364
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.9 50.1 75.1



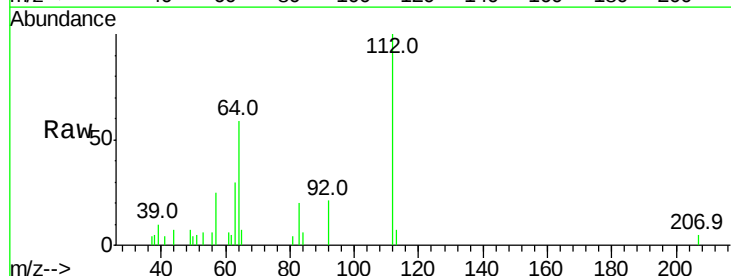
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



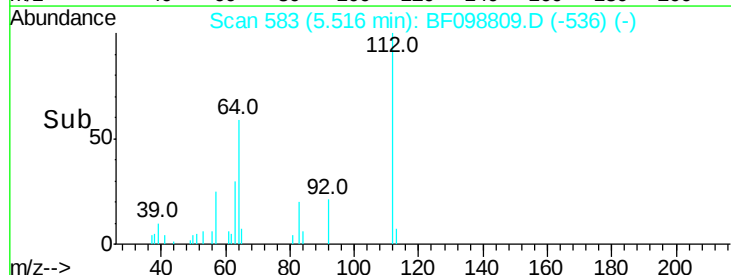
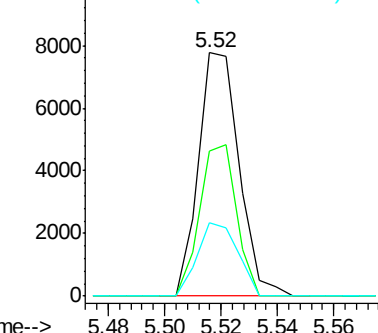
#5

2-Fluorophenol
Concen: 0.849 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF098809.D
Acq: 26 Sep 2017 3:43

Tgt Ion:112 Resp: 7753
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.3 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: 0.849 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098809.D

Acq: 26 Sep 2017 3:43

Instrument :

BNA_F

ClientSampleId :

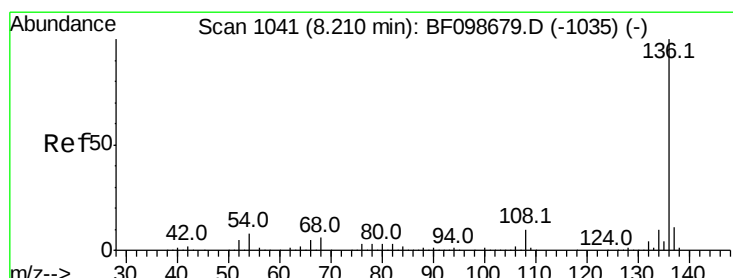
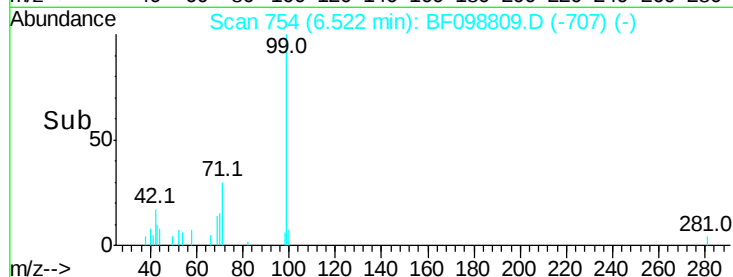
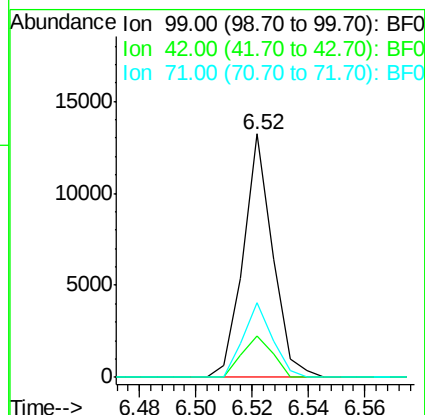
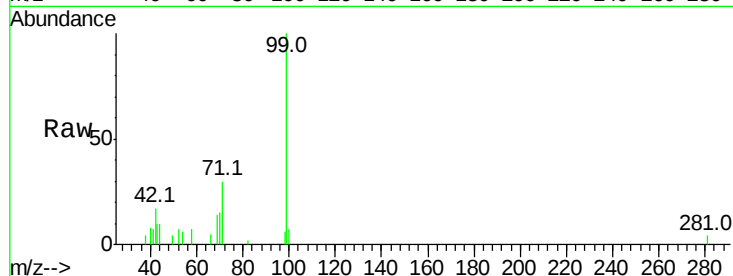
Tot Ion: 99 Resp: 9566

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

71 30.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098809.D

Acq: 26 Sep 2017 3:43

Tgt Ion: 136 Resp: 609179

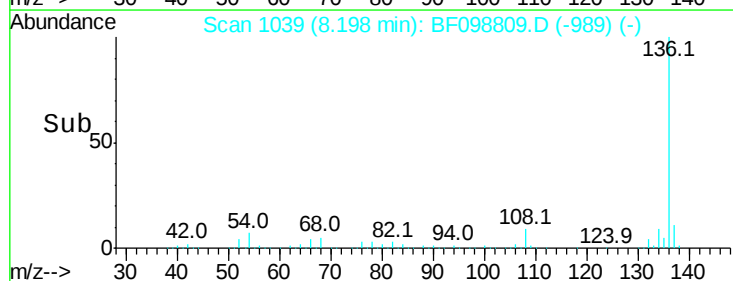
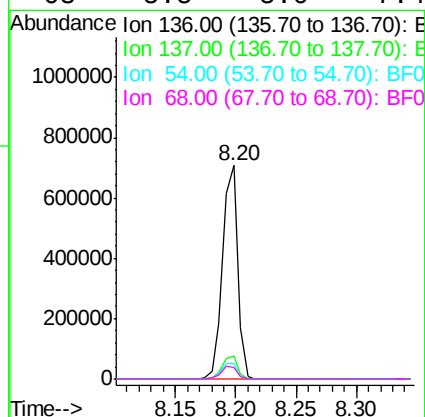
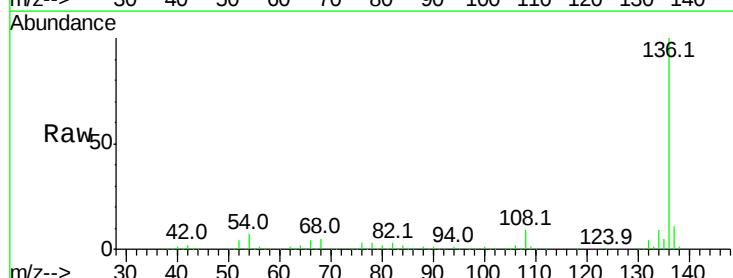
Ion Ratio Lower Upper

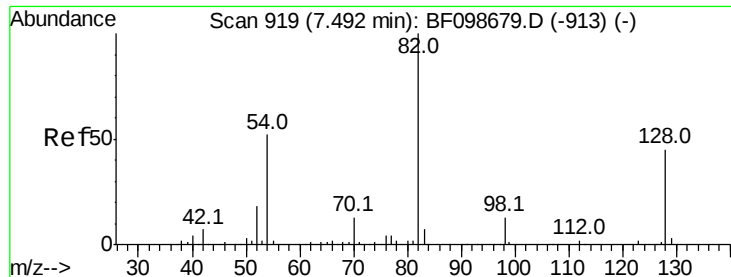
136 100

137 10.7 8.9 13.3

54 7.1 6.6 9.8

68 5.5 5.0 7.4

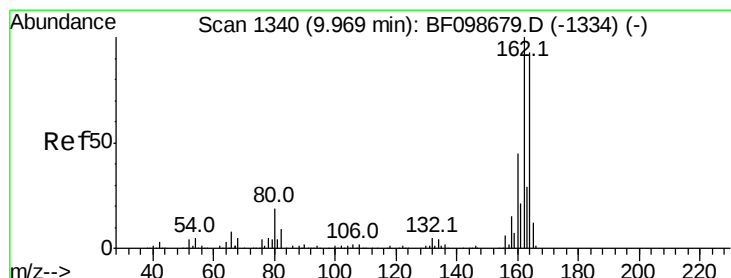
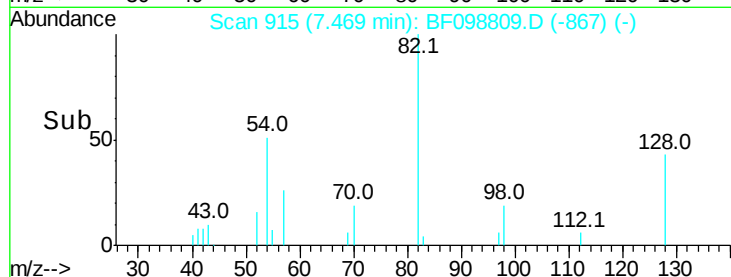
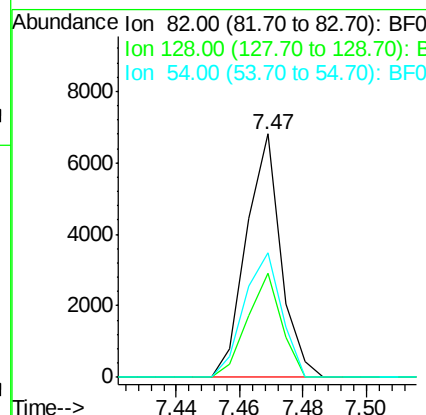
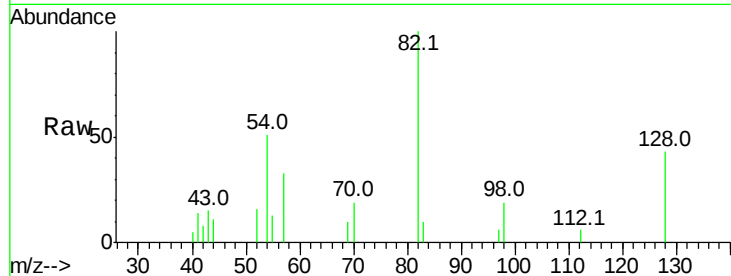




#23
Nitrobenzene-d5
Concen: 0.541 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098809.D
Acq: 26 Sep 2017 3:43

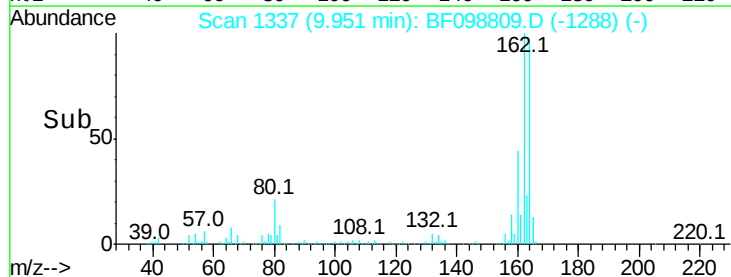
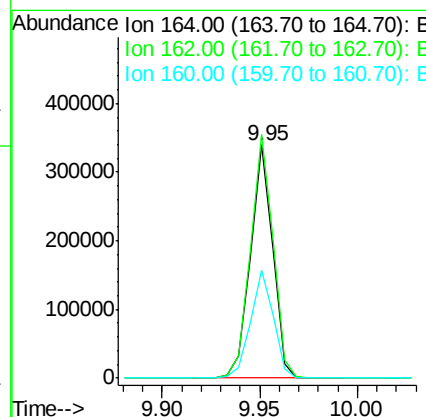
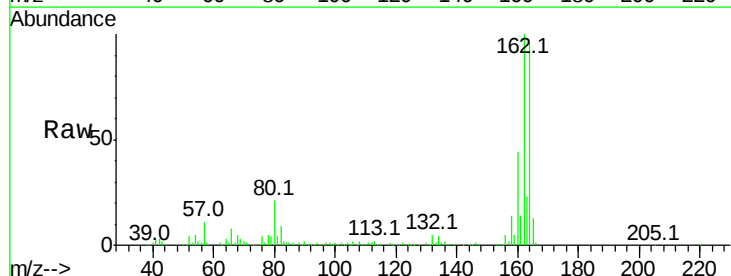
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	5142
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	51.1	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098809.D
Acq: 26 Sep 2017 3:43

Tgt Ion	164	Resp	267466
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	46.1	38.3	57.5

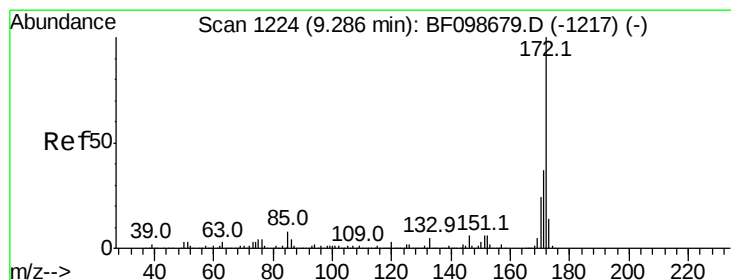
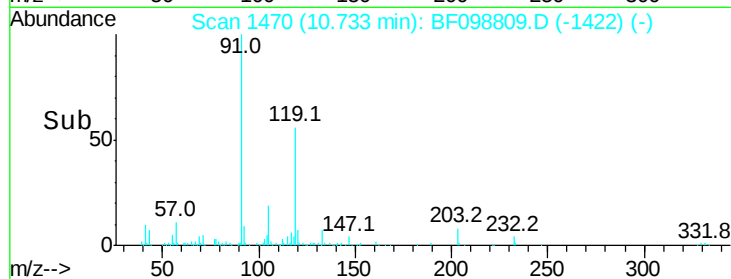
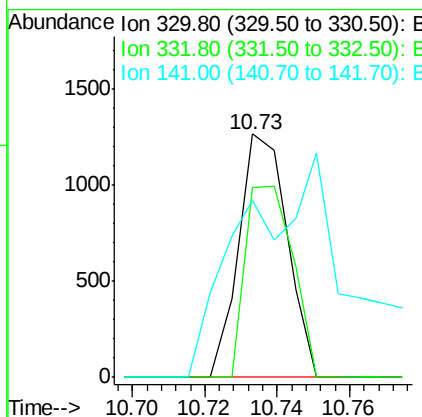
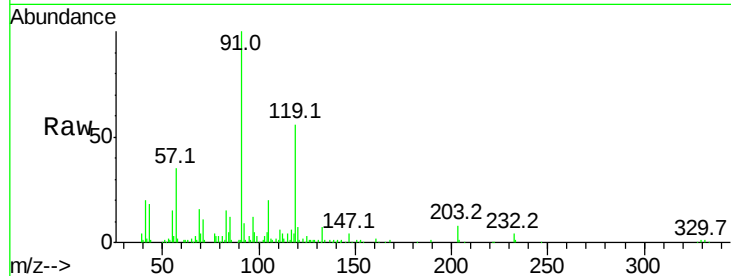




#41
 2,4,6-Tribromophenol
 Concen: 0.534 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098809.D
 Acq: 26 Sep 2017 3:43

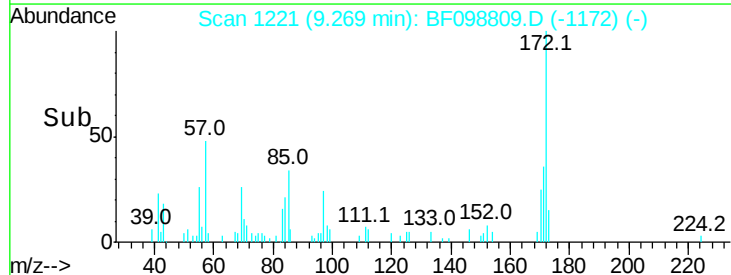
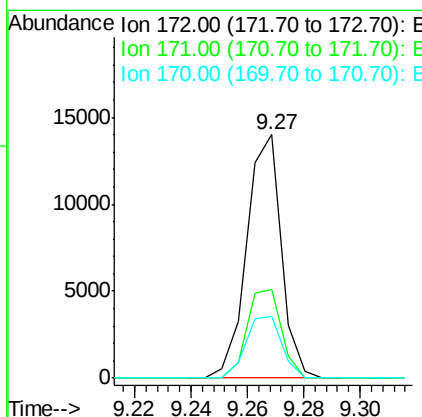
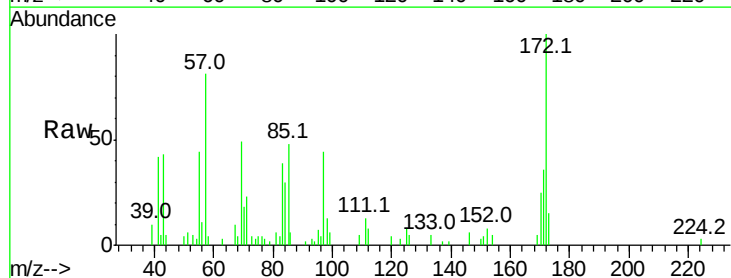
Instrument :
 BNA_F
 ClientSampleId :

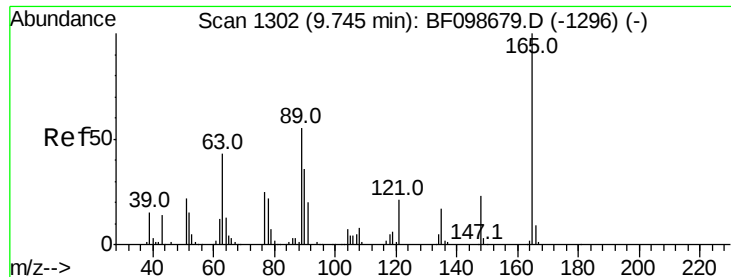
Tot Ion:330 Resp: 1169
 Ion Ratio Lower Upper
 330 100
 332 77.4 77.0 115.6
 141 182.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 0.741 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098809.D
 Acq: 26 Sep 2017 3:43

Tgt Ion:172 Resp: 11865
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 25.3 19.6 29.4

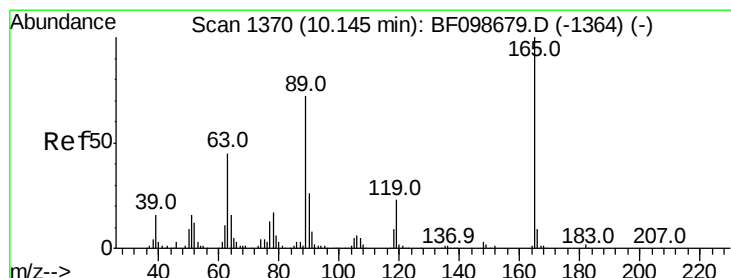
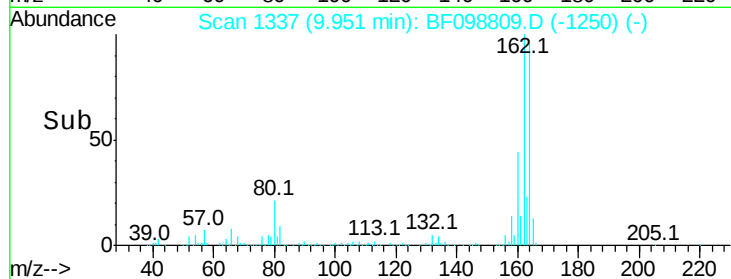
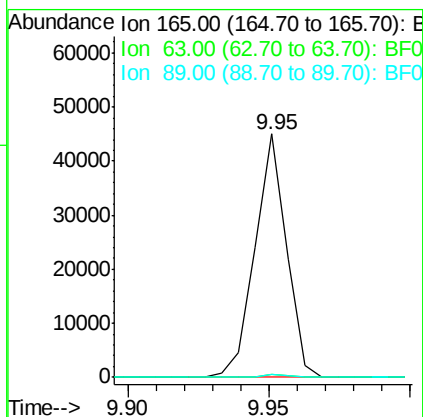
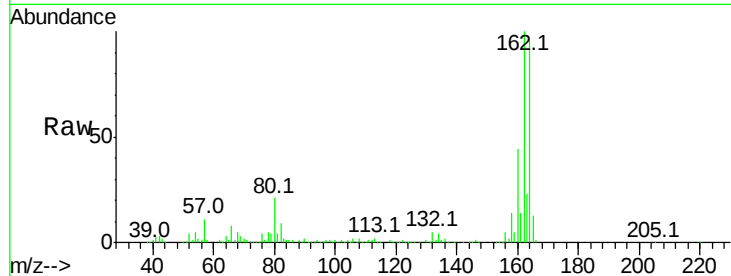




#50
 2,6-Dinitrotoluene
 Concen: 7.926 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098809.D
 Acq: 26 Sep 2017 3:43

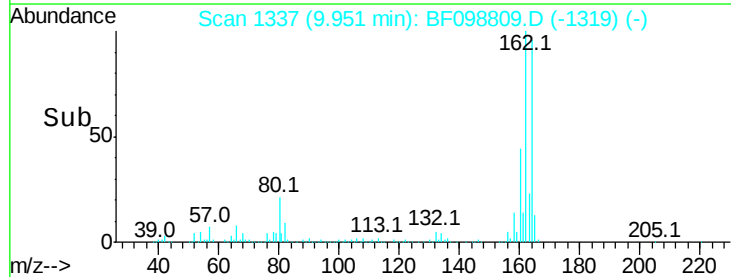
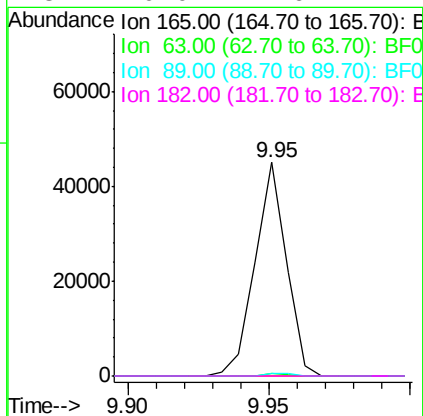
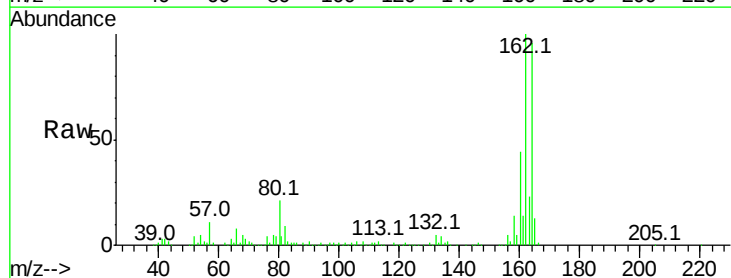
Instrument :
 BNA_F
 ClientSampleId :

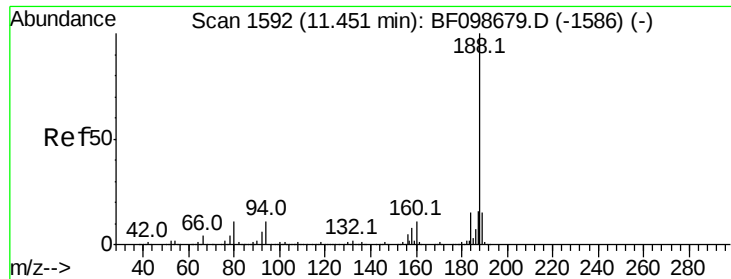
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.107 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098809.D
 Acq: 26 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

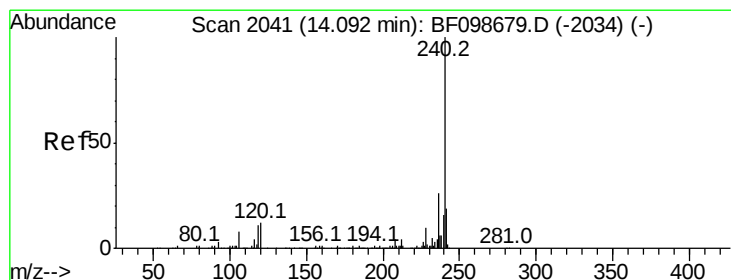
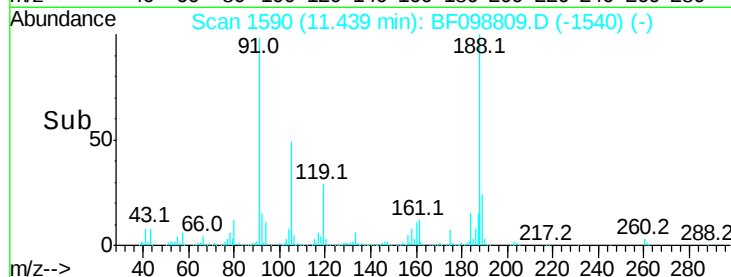
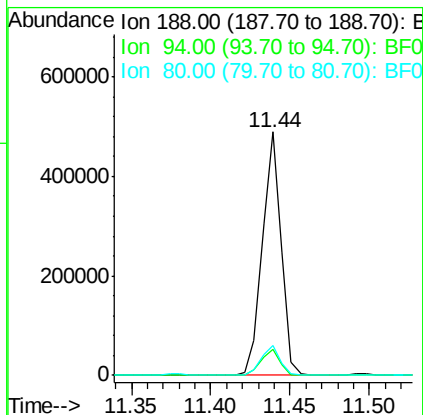
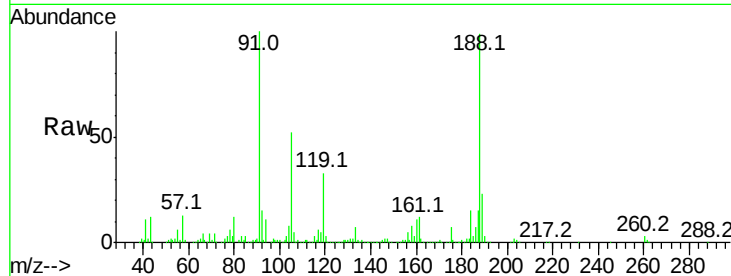




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098809.D
Acq: 26 Sep 2017 3:43

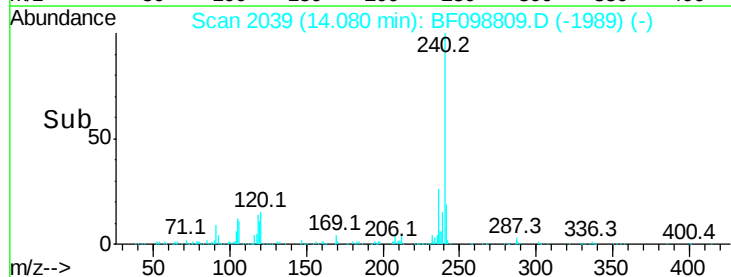
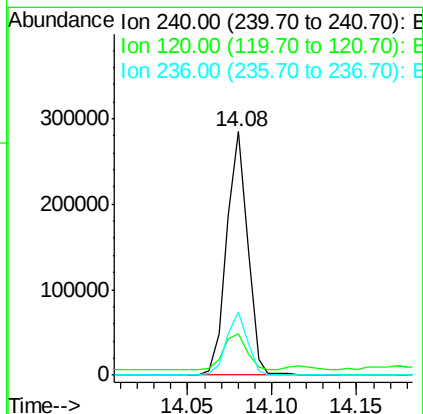
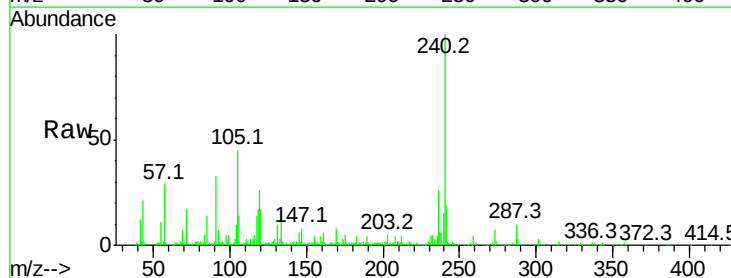
Instrument :
BNA_F
ClientSampleId :

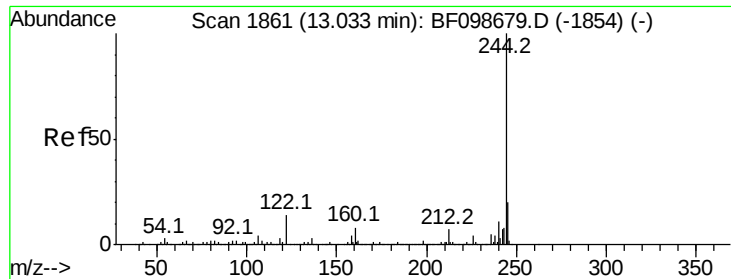
Tot Ion:188 Resp: 406639
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098809.D
Acq: 26 Sep 2017 3:43

Tgt Ion:240 Resp: 243600
Ion Ratio Lower Upper
240 100
120 17.0 9.5 14.3#
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 0.798 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098809.D

Acq: 26 Sep 2017 3:43

Instrument :

BNA_F

ClientSampled :

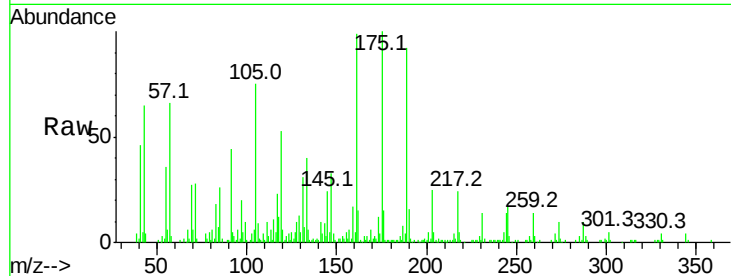
Tot Ion:244 Resp: 8550

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

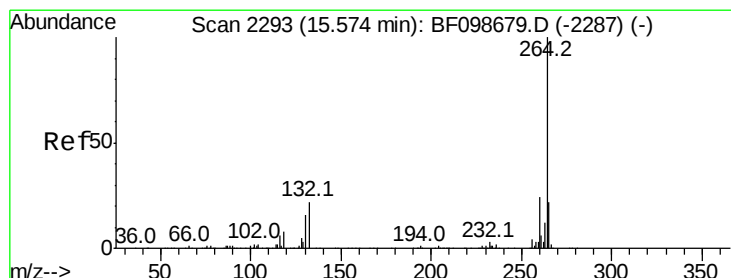
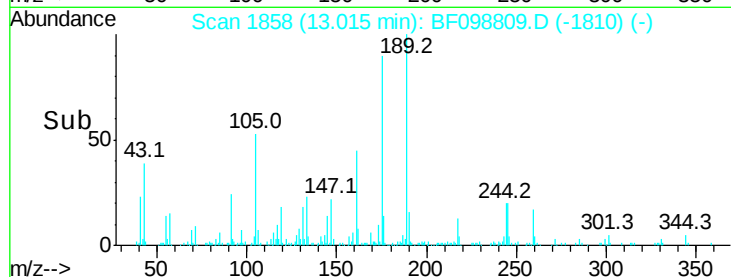
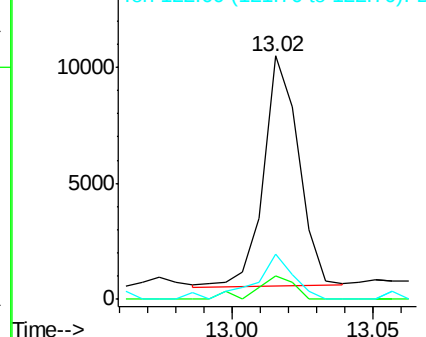
122 18.5 11.0 16.4#



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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098809.D

Acq: 26 Sep 2017 3:43

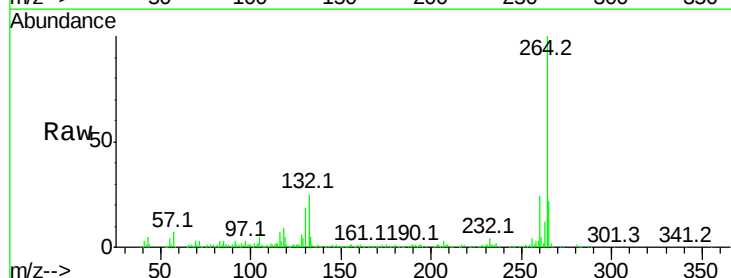
Tgt Ion:264 Resp: 254828

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.8 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

