

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099126.D
 Acq On : 6 Oct 2017 1:53
 Operator : SJ/JU
 Sample : I5585-19 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 04:35:01 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

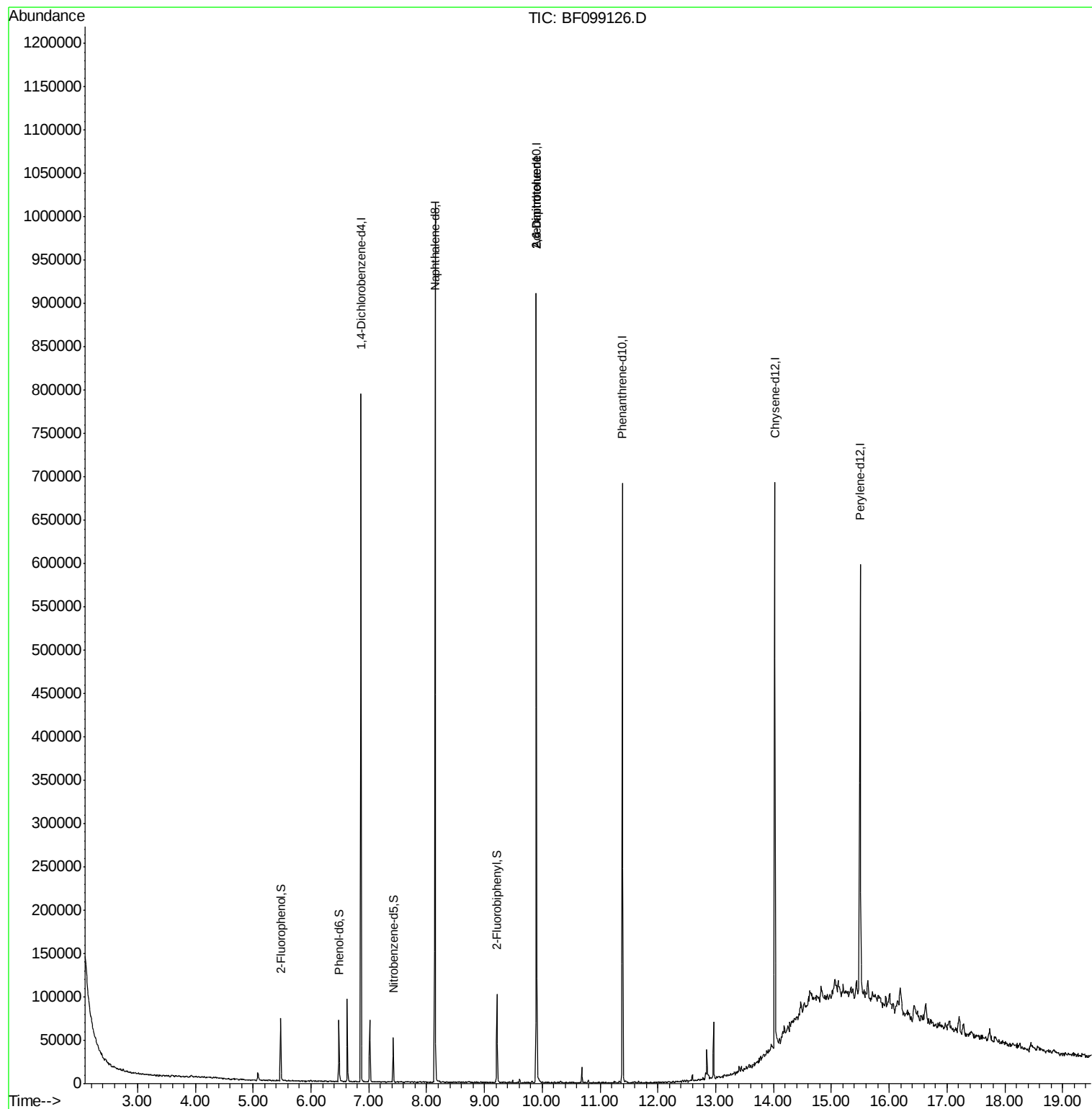
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	105732	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	426325	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	168130	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	236578	20.00	ng	0.00
75) Chrysene-d12	14.02	240	199813	20.00	ng	-0.01
86) Perylene-d12	15.50	264	210949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	21935	3.30	ng	0.00
7) Phenol-d6	6.48	99	26699	3.26	ng	-0.02
23) Nitrobenzene-d5	7.42	82	14598	2.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	2374	1.73	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	30115	2.99	ng	-0.01
78) Terphenyl-d14	12.96	244	16832	1.92	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.90	165	20676	7.48	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	20676	5.77	ng	# 22

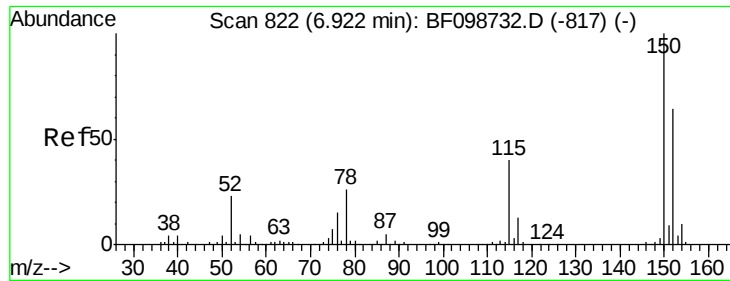
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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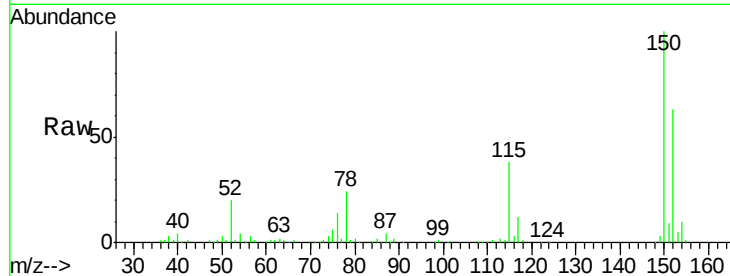


#1

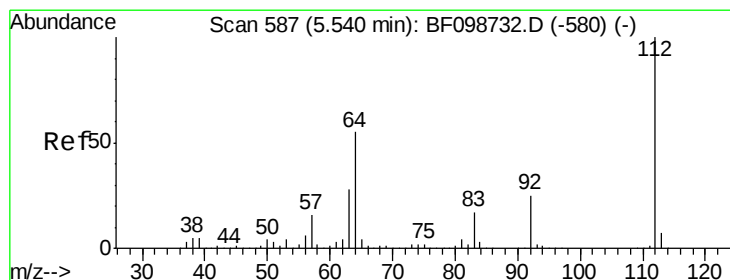
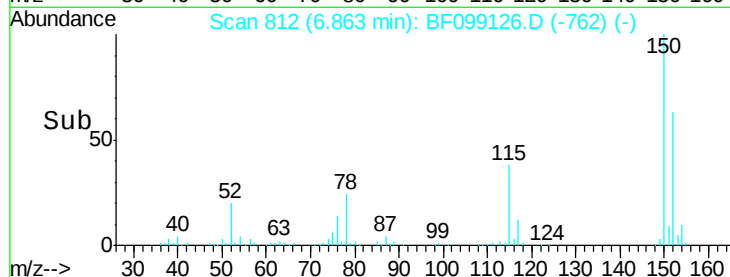
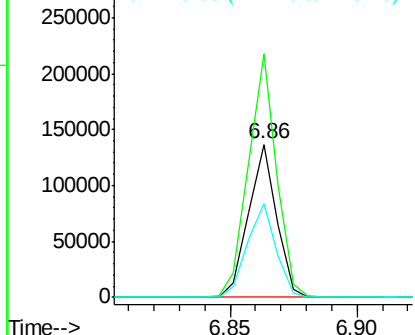
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099126.D
Acq: 6 Oct 2017 1:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	60.9	50.1	75.1



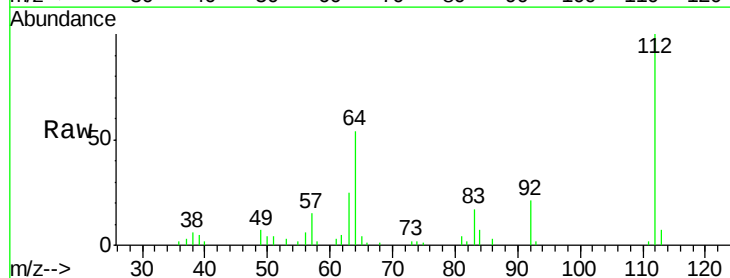
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



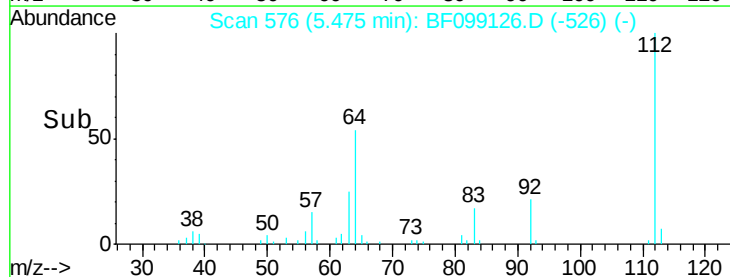
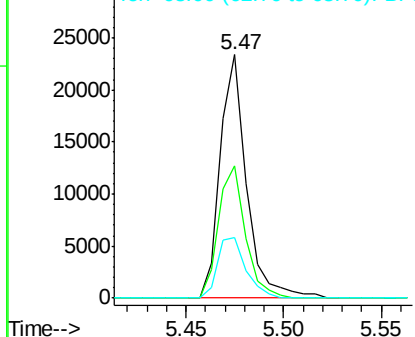
#5

2-Fluorophenol
Concen: 3.30 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099126.D
Acq: 6 Oct 2017 1:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	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: 3.26 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099126.D

Acq: 6 Oct 2017 1:53

Instrument :

BNA_F

ClientSampleId :

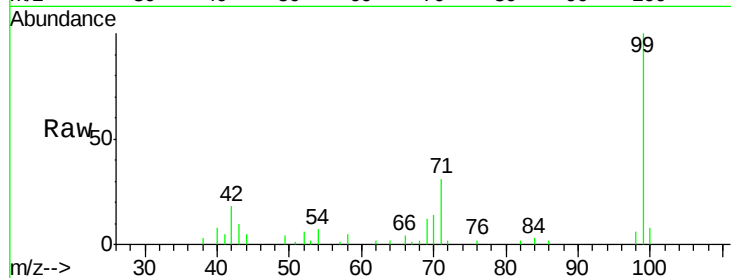
Tot Ion: 99 Resp: 26699

Ion Ratio Lower Upper

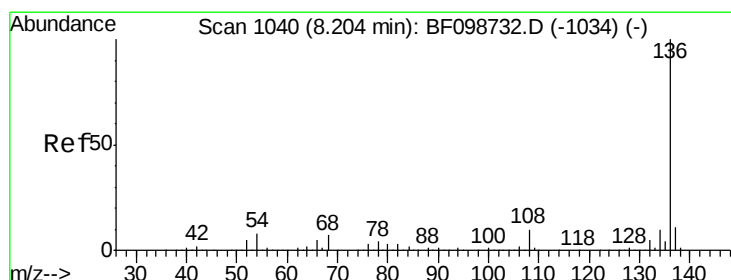
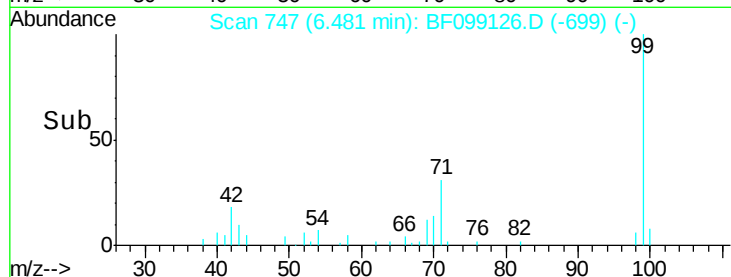
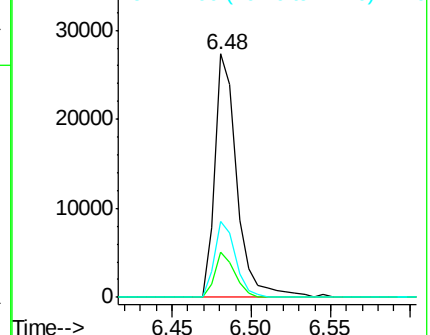
99 100

42 18.4 14.5 21.7

71 31.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099126.D

Acq: 6 Oct 2017 1:53

Tgt Ion: 136 Resp: 426325

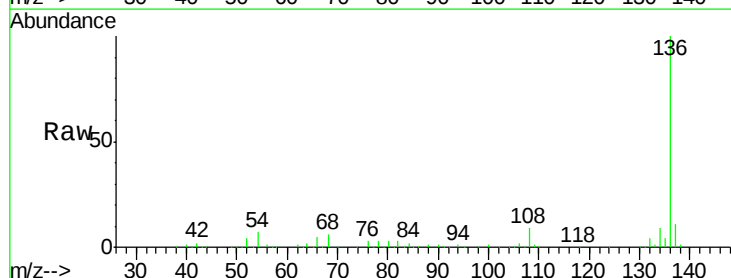
Ion Ratio Lower Upper

136 100

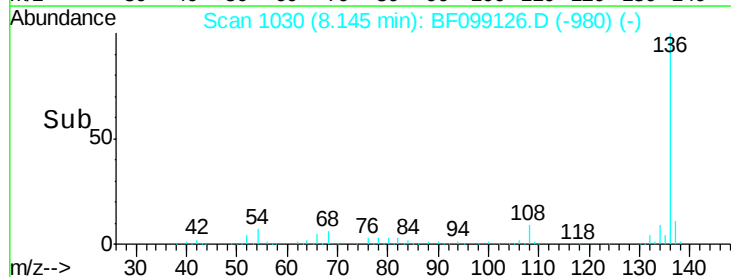
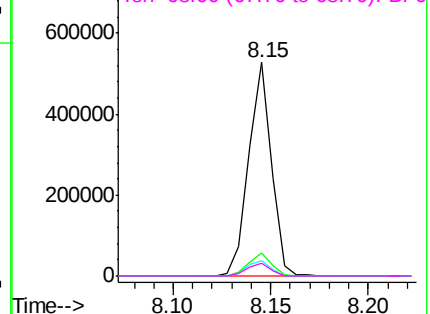
137 11.1 8.9 13.3

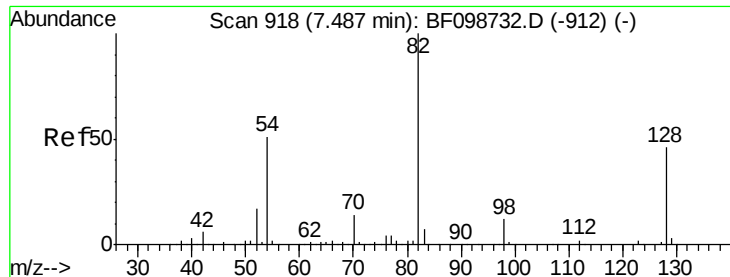
54 7.2 6.6 9.8

68 5.7 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

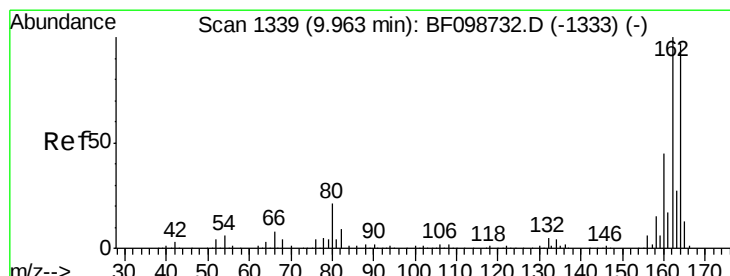
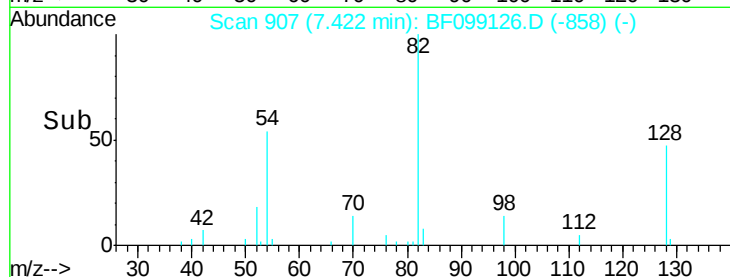
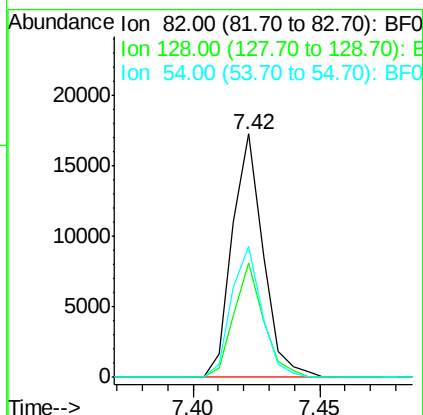
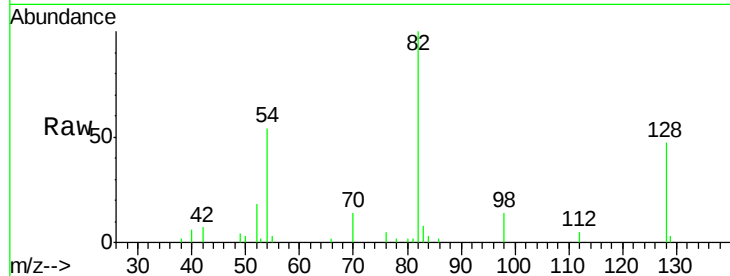




#23
 Nitrobenzene-d5
 Concen: 2.20 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099126.D
 Acq: 6 Oct 2017 1:53

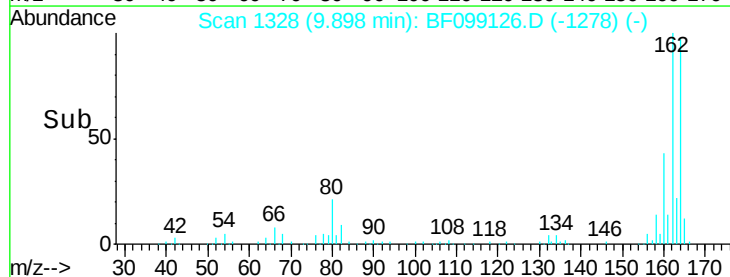
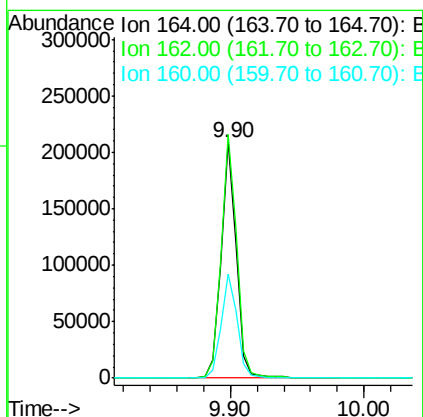
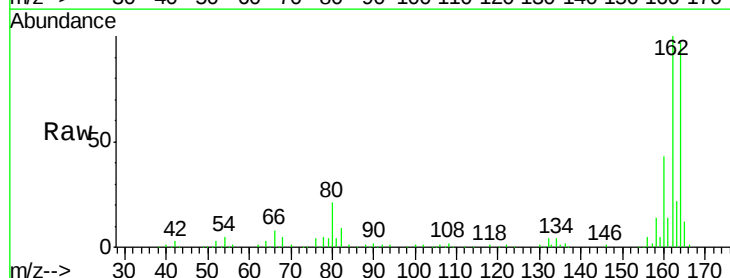
Instrument :
 BNA_F
 ClientSampled :

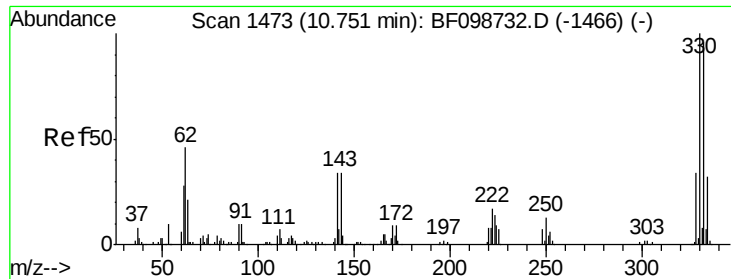
Tot Ion: 82 Resp: 14598
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 53.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099126.D
 Acq: 6 Oct 2017 1:53

Tgt Ion: 164 Resp: 168130
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 44.5 38.3 57.5

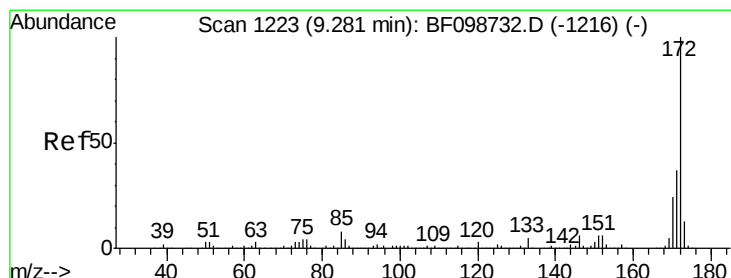
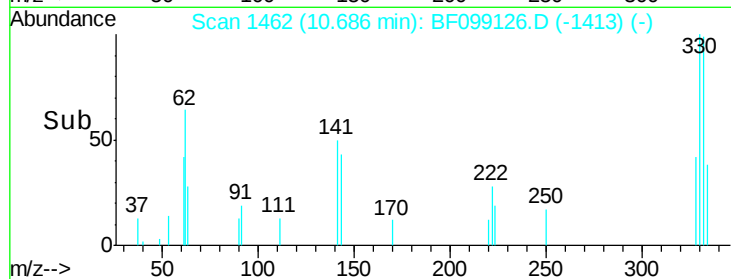
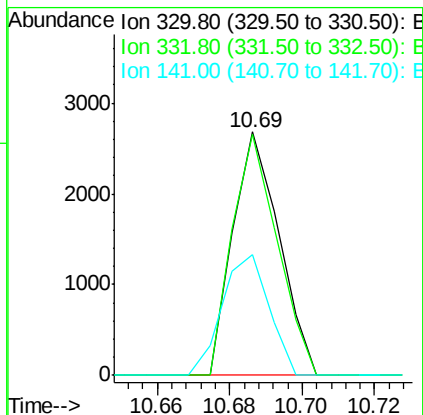
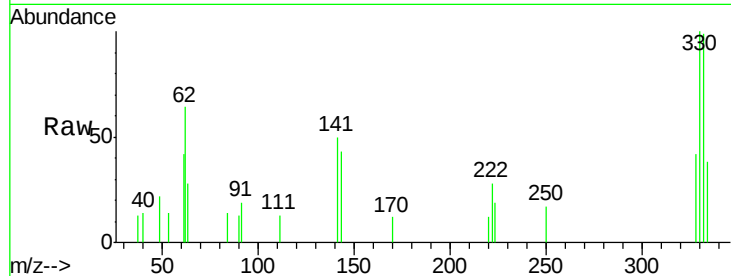




#41
 2,4,6-Tribromophenol
 Concen: 1.73 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099126.D
 Acq: 6 Oct 2017 1:53

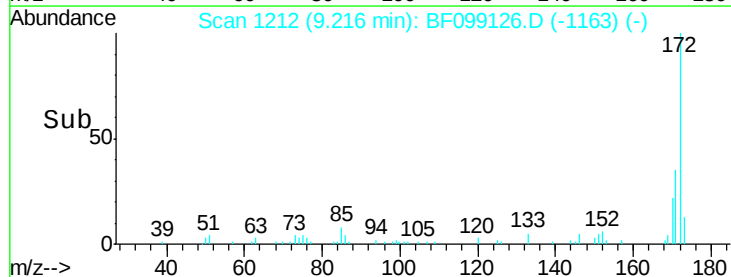
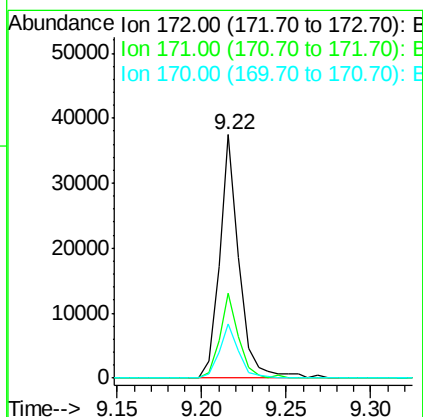
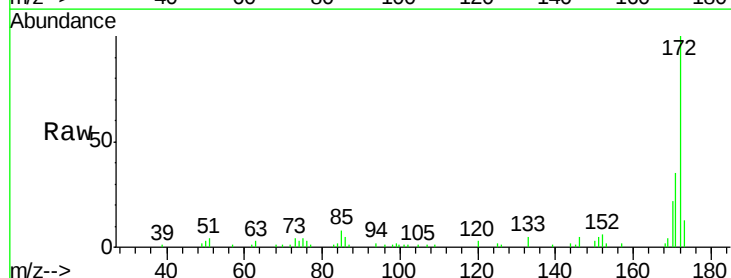
Instrument :
 BNA_F
 ClientSampled :

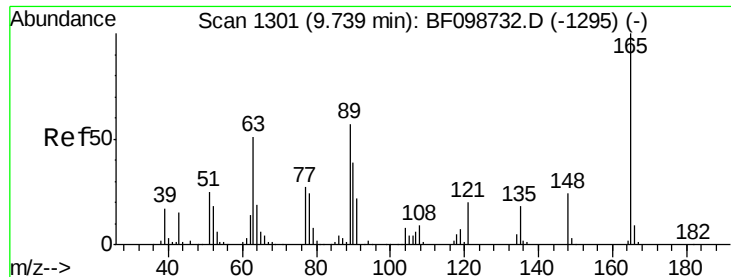
Tot Ion:330 Resp: 2374
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 50.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 2.99 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099126.D
 Acq: 6 Oct 2017 1:53

Tgt Ion:172 Resp: 30115
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 22.1 19.6 29.4

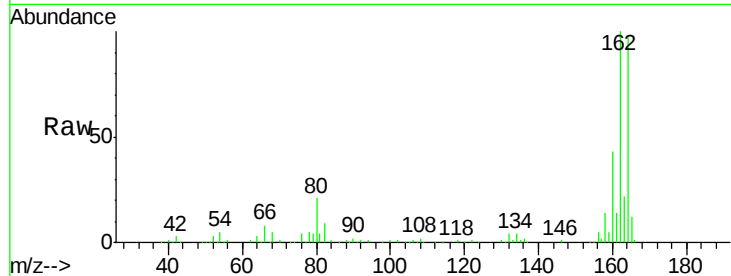




#50
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099126.D
Acq: 6 Oct 2017 1:53

Instrument :
BNA_F
ClientSampleId :

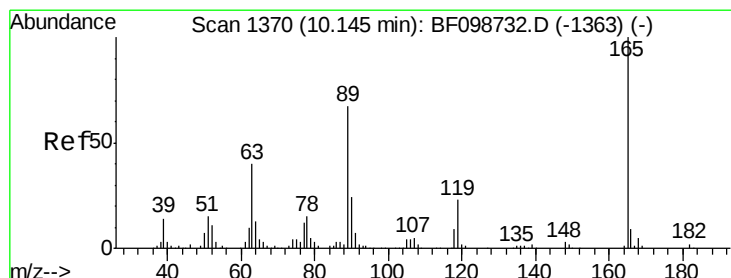
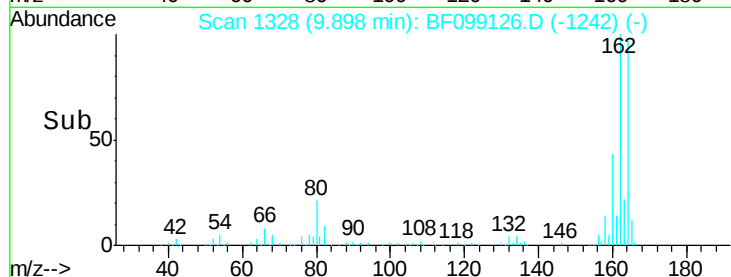
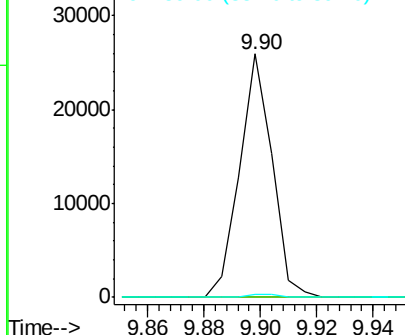
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	44.0	66.0#



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: 5.77 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099126.D
Acq: 6 Oct 2017 1:53

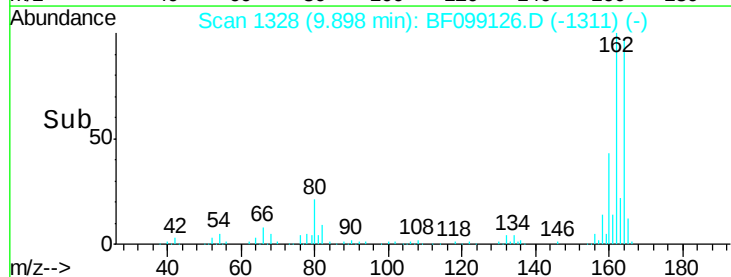
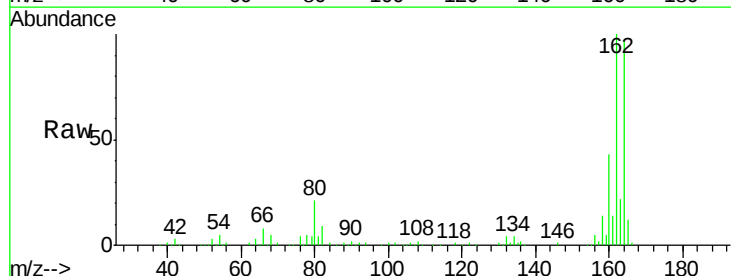
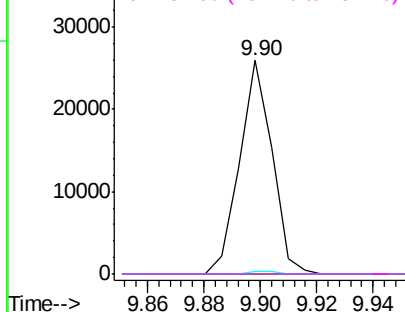
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

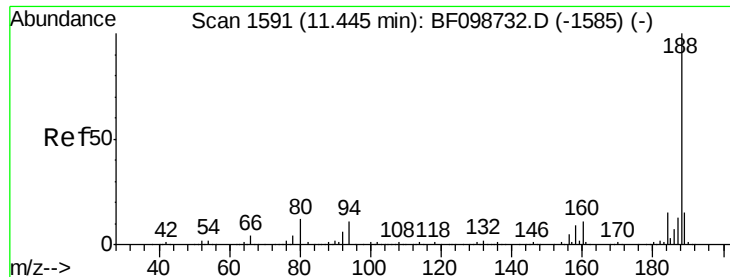
Abundance Ion 165.00 (164.70 to 165.70): E

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

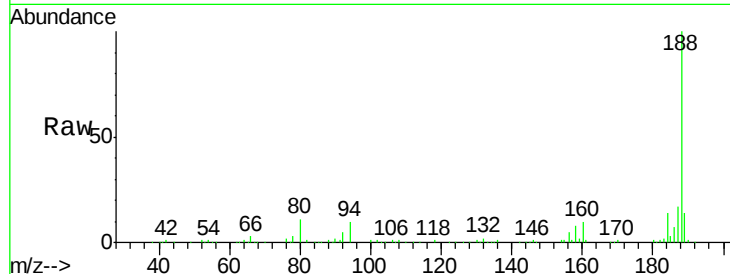




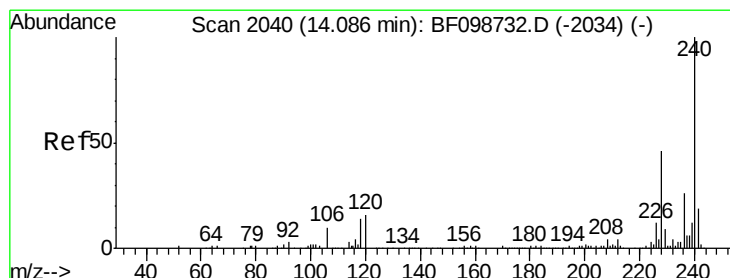
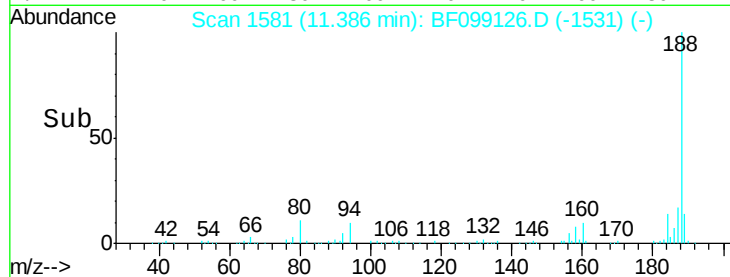
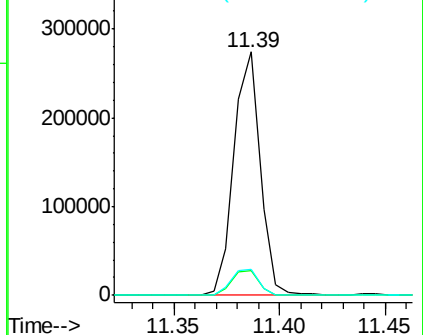
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099126.D
Acq: 6 Oct 2017 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 236578
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8

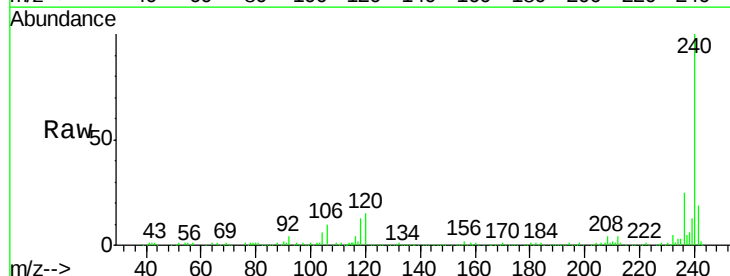


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

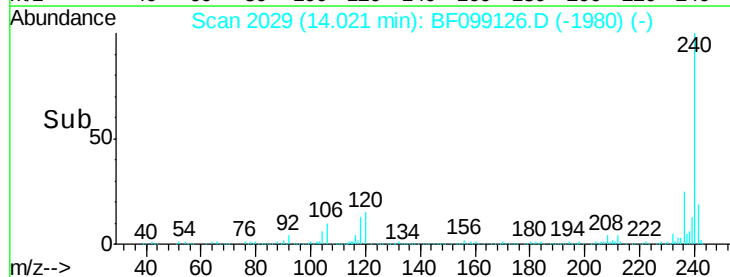
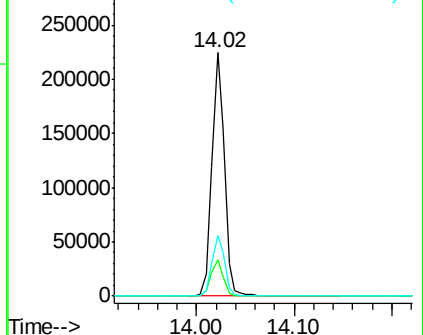


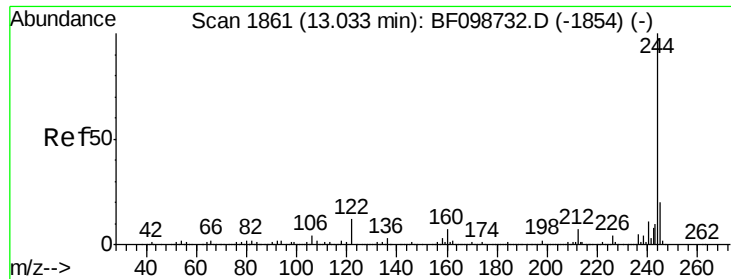
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099126.D
Acq: 6 Oct 2017 1:53

Tgt Ion:240 Resp: 199813
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 24.8 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

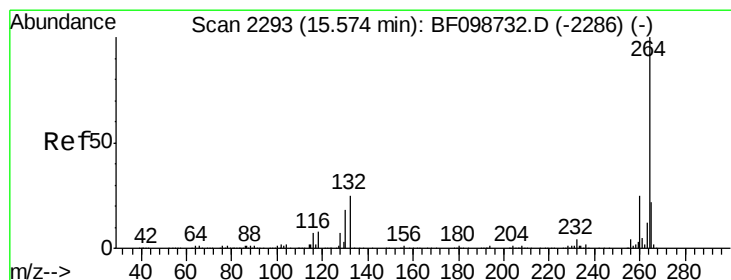
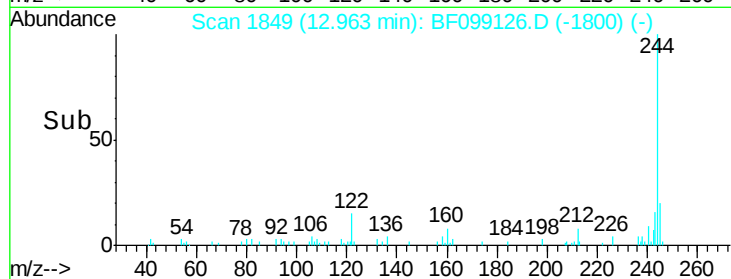
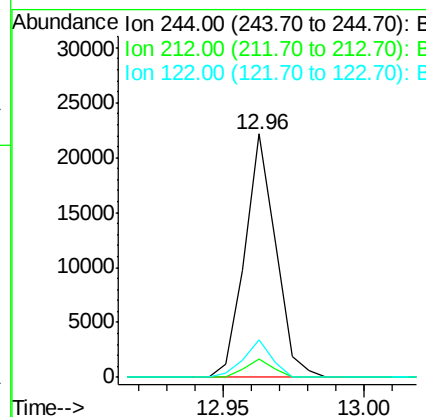
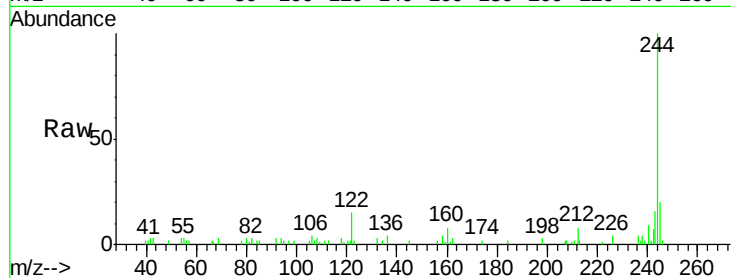




#78
 Terphenyl-d14
 Concen: 1.92 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099126.D
 Acq: 6 Oct 2017 1:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 16832
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 15.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099126.D
 Acq: 6 Oct 2017 1:53

Tgt Ion:264 Resp: 210949
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 20.6 17.5 26.3

