

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095768.D
 Acq On : 8 Jun 2017 3:46
 Operator : SJ/MA
 Sample : I3496-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 07:36:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

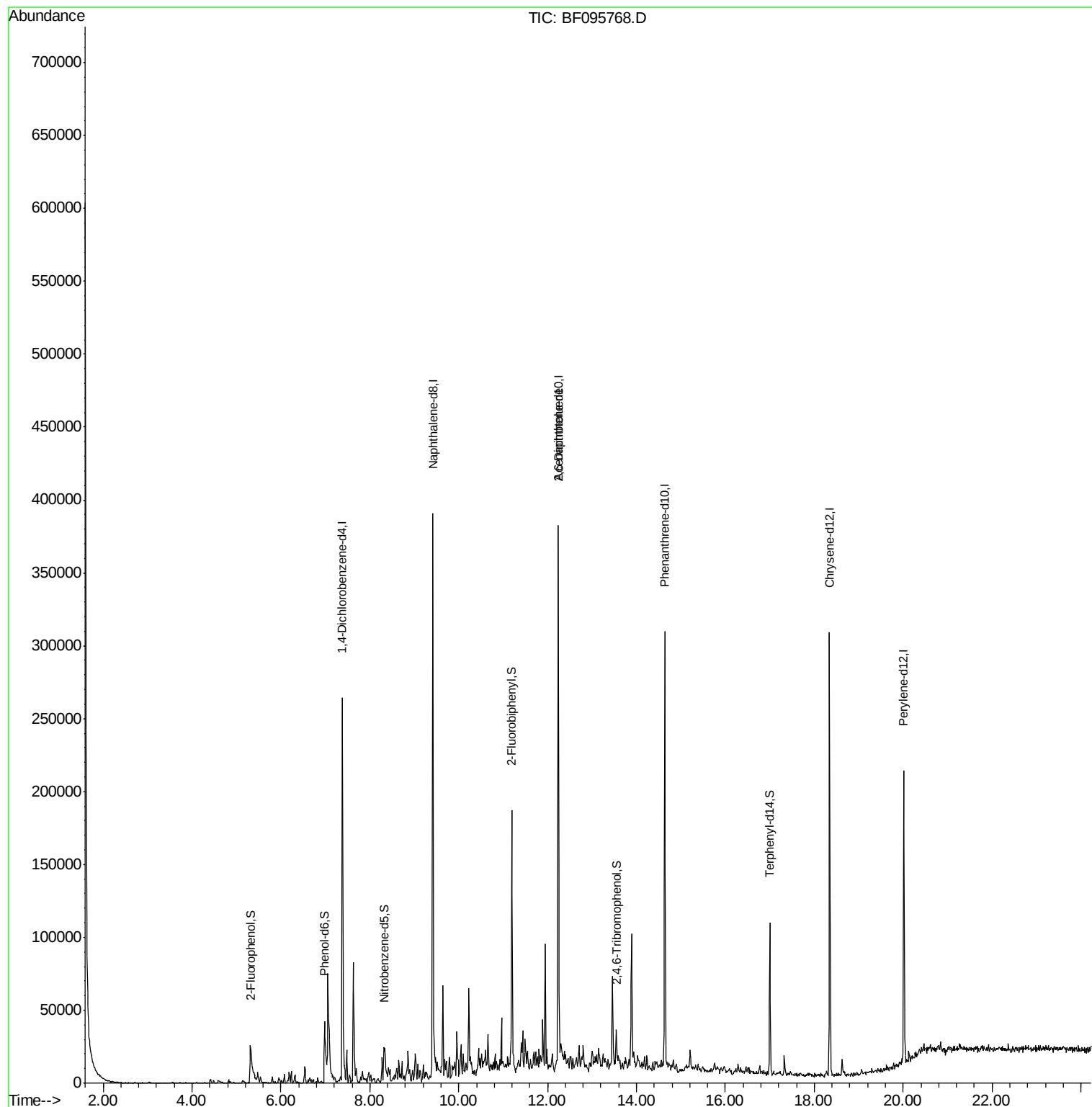
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	66272	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	249354	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	100505	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	151022	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	128070	20.00	ng	-0.01
86) Perylene-d12	20.02	264	91926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	32452	7.80	ng	0.03
7) Phenol-d6	6.98	99	47599	9.56	ng	0.02
23) Nitrobenzene-d5	8.32	82	23674	5.90	ng	0.00
41) 2,4,6-Tribromophenol	13.54	330	7162	8.05	ng	0.00
44) 2-Fluorobiphenyl	11.19	172	65258	9.04	ng	-0.02
78) Terphenyl-d14	17.00	244	40586	7.86	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	12.24	165	12821	7.70	ng	Qvalue # 31

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

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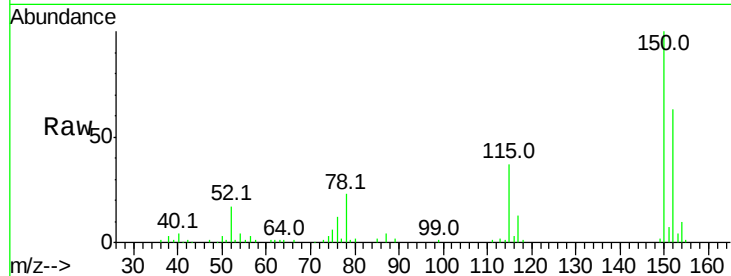


#1

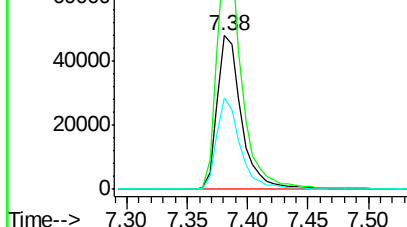
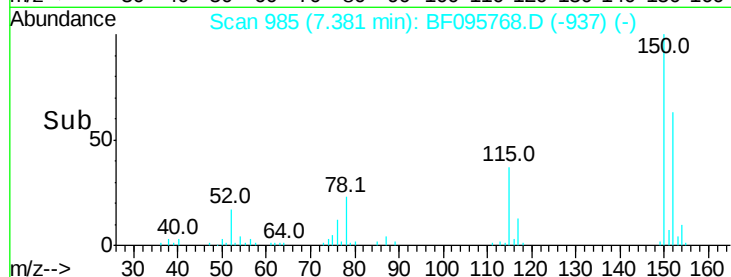
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095768.D
Acq: 8 Jun 2017 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66272
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 59.2 52.2 78.2



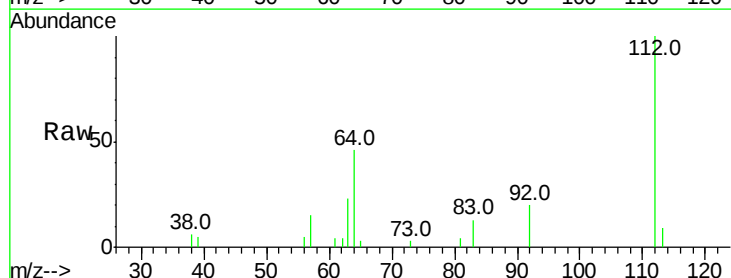
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



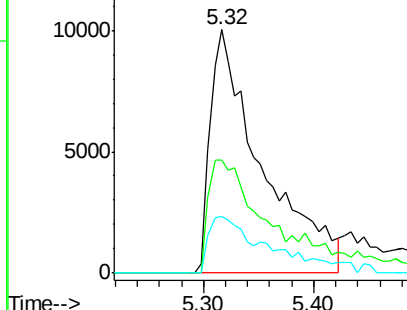
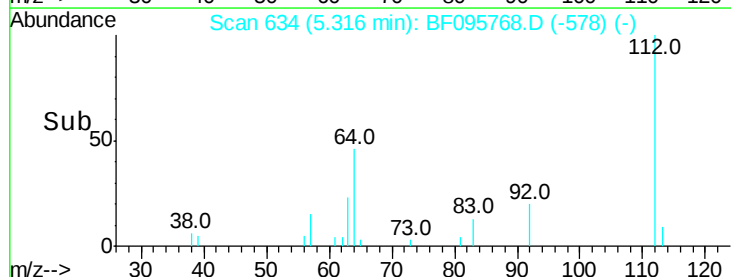
#5

2-Fluorophenol
Concen: 7.80 ng
RT: 5.32 min Scan# 634
Delta R.T. 0.03 min
Lab File: BF095768.D
Acq: 8 Jun 2017 3:46

Tgt Ion:112 Resp: 32452
Ion Ratio Lower Upper
112 100
64 46.4 46.0 69.0
63 23.1 23.4 35.0#



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: 9.56 ng

RT: 6.98 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF095768.D

Acq: 8 Jun 2017 3:46

Instrument :

BNA_F

ClientSampleId :

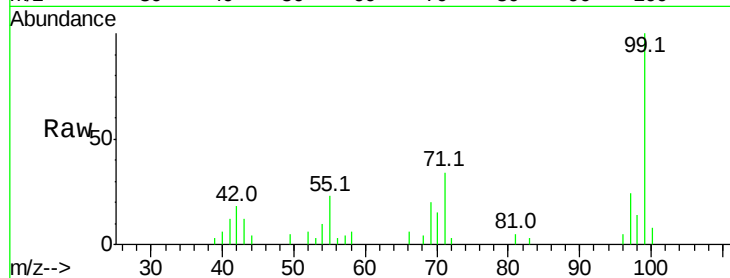
Tot Ion: 99 Resp: 47599

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

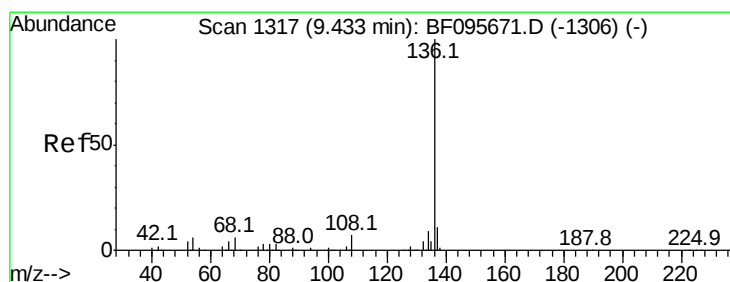
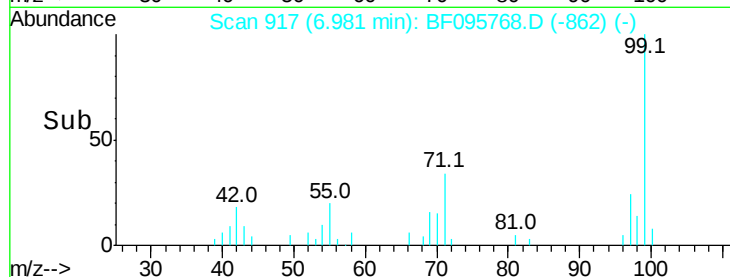
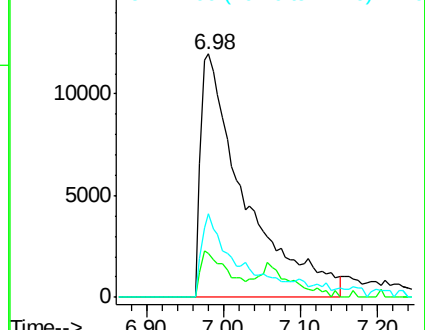
71 34.2 24.5 36.7



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: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095768.D

Acq: 8 Jun 2017 3:46

Tgt Ion:136 Resp: 249354

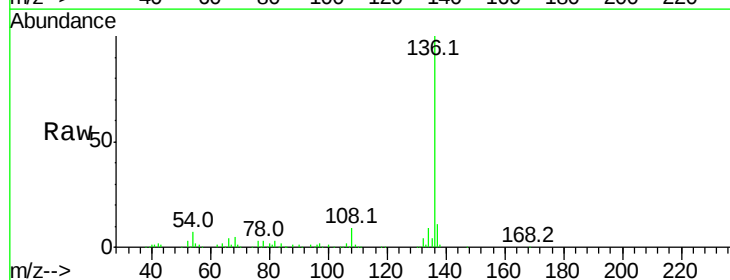
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

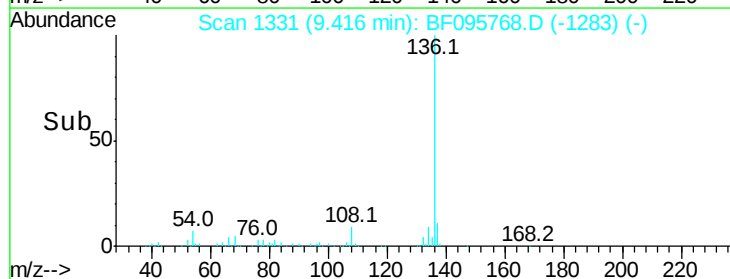
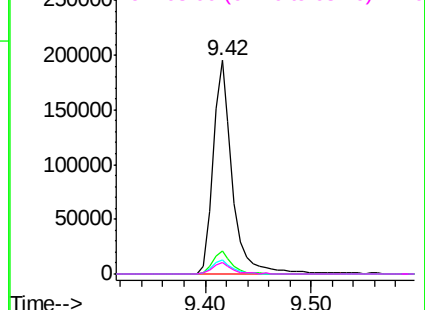


Abundance Ion 136.00 (135.70 to 136.70): E

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

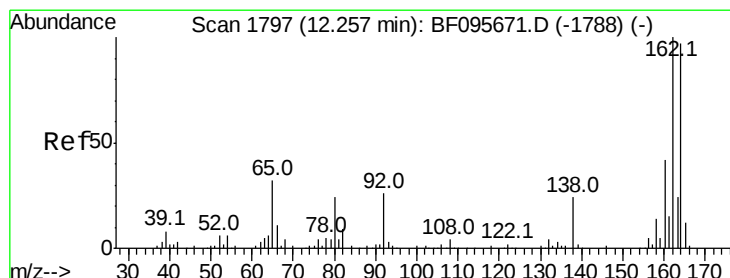
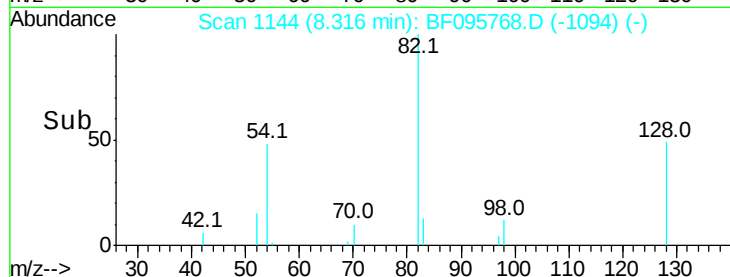
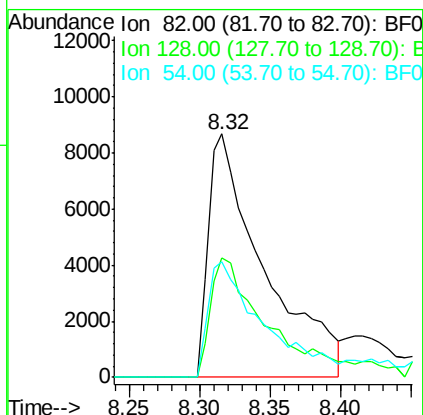
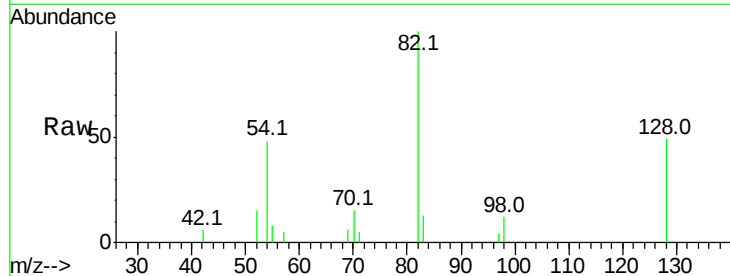




#23
 Nitrobenzene-d5
 Concen: 5.90 ng
 RT: 8.32 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095768.D
 Acq: 8 Jun 2017 3:46

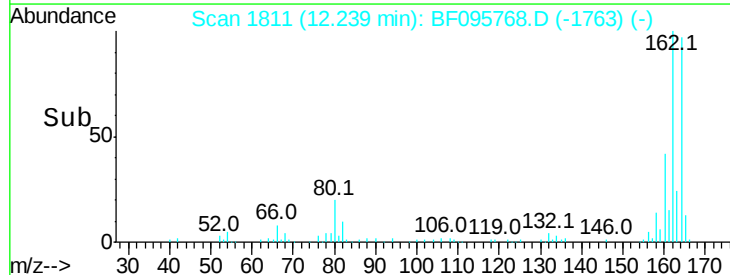
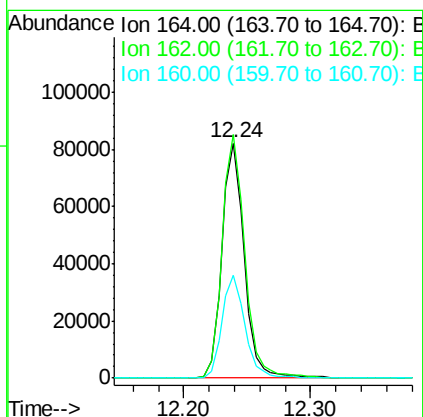
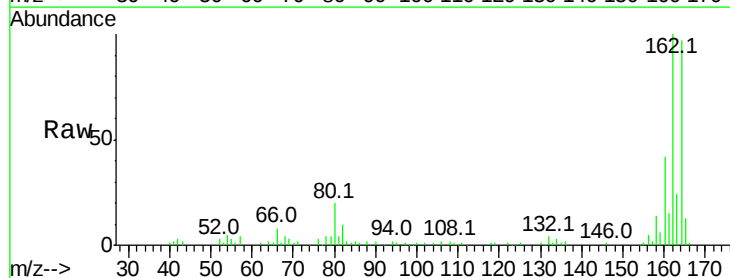
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	23674
Ion Ratio	Lower	Upper	
82	100		
128	48.9	34.0	51.0
54	47.6	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. -0.02 min
 Lab File: BF095768.D
 Acq: 8 Jun 2017 3:46

Tgt Ion	164	Resp	100505
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.6	123.8
160	43.5	36.2	54.2

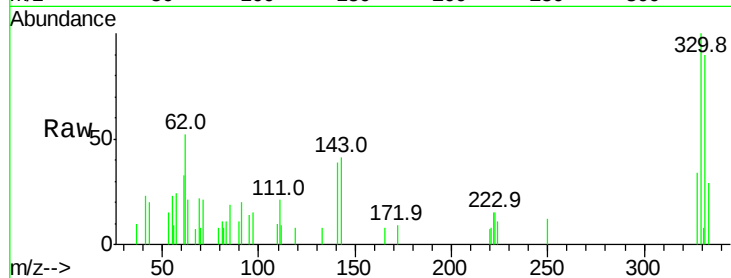




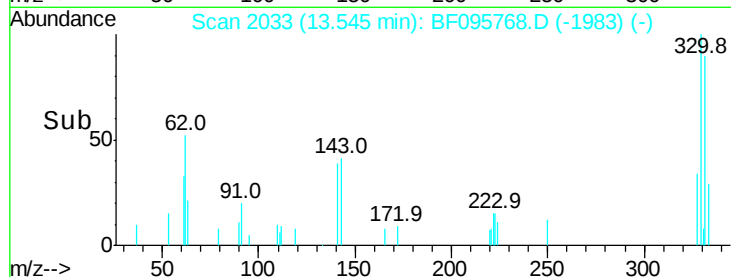
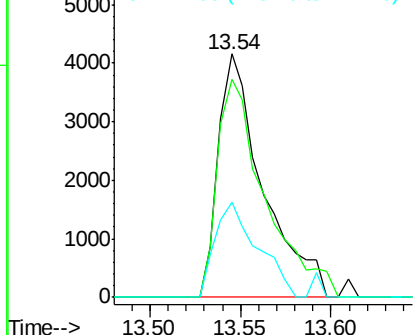
#41
 2,4,6-Tribromophenol
 Concen: 8.05 ng
 RT: 13.54 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095768.D
 Acq: 8 Jun 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 7162
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 37.1 31.4 47.2

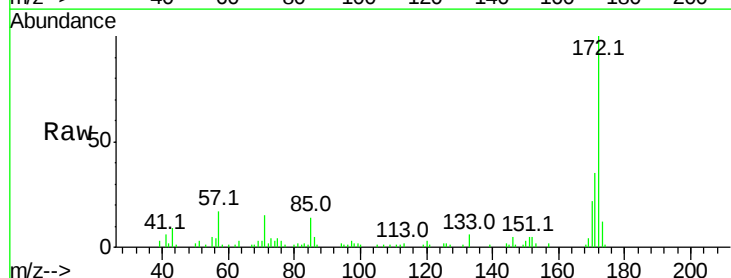


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

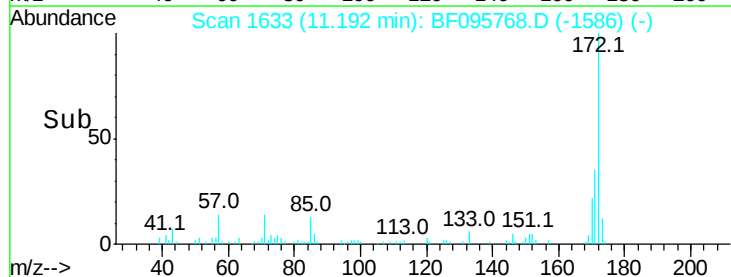
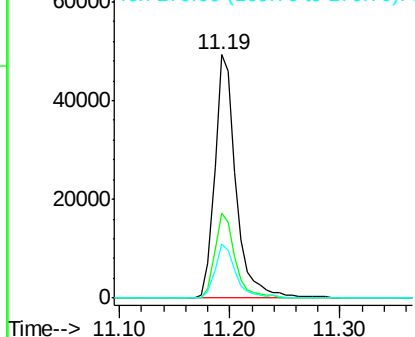


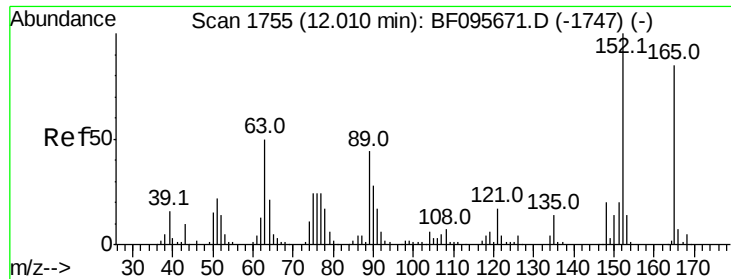
#44
 2-Fluorobiphenyl
 Concen: 9.04 ng
 RT: 11.19 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095768.D
 Acq: 8 Jun 2017 3:46

Tgt Ion:172 Resp: 65258
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 22.2 19.8 29.8



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

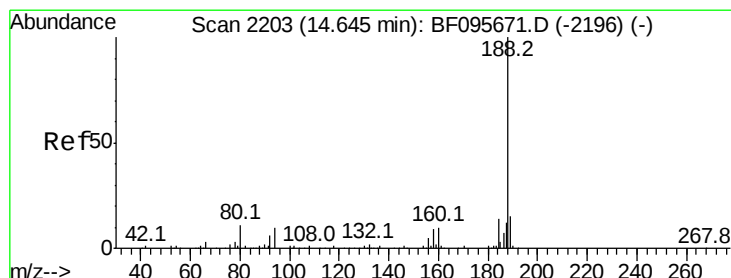
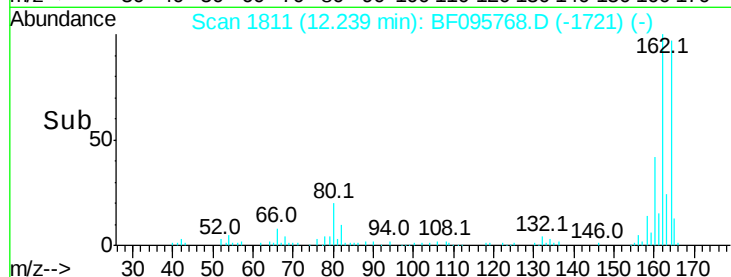
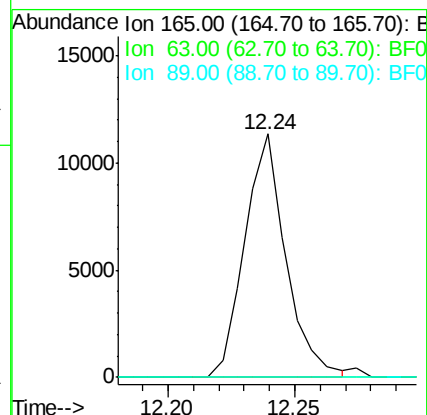
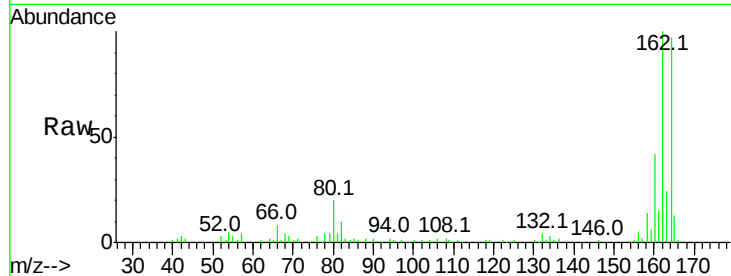




#50
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. 0.23 min
 Lab File: BF095768.D
 Acq: 8 Jun 2017 3:46

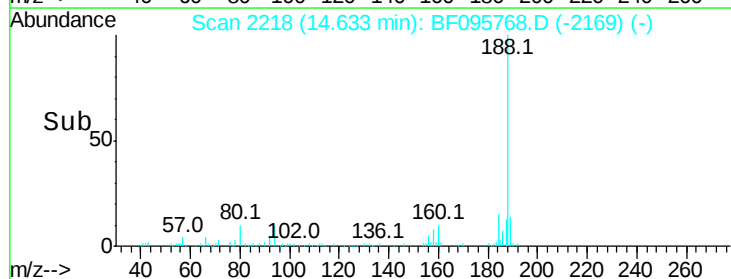
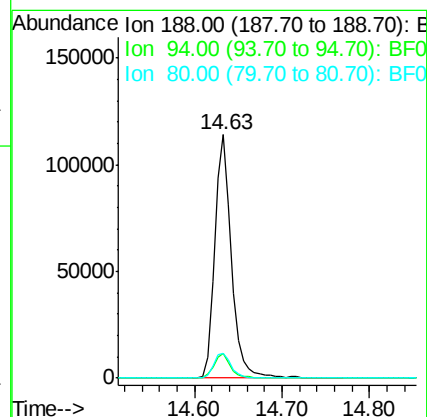
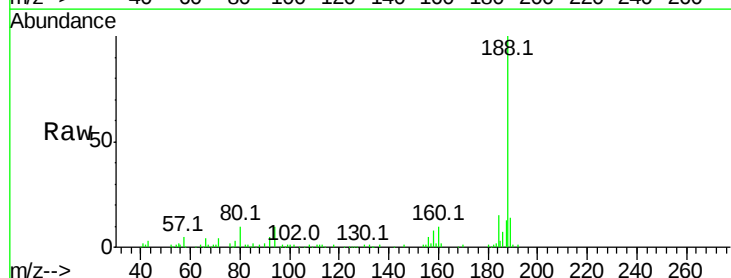
Instrument :
 BNA_F
 ClientSampleId :

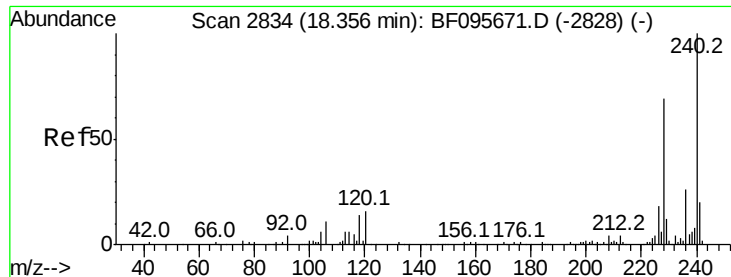
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BF095768.D
 Acq: 8 Jun 2017 3:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	9.9	10.2	15.2#

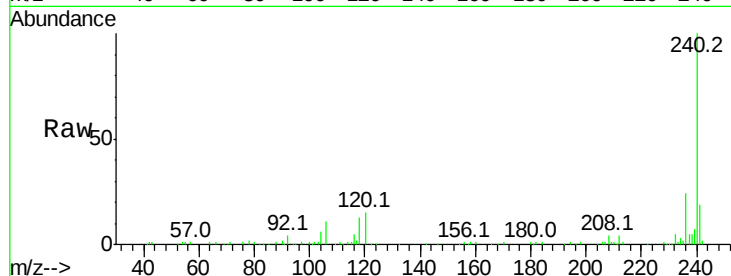




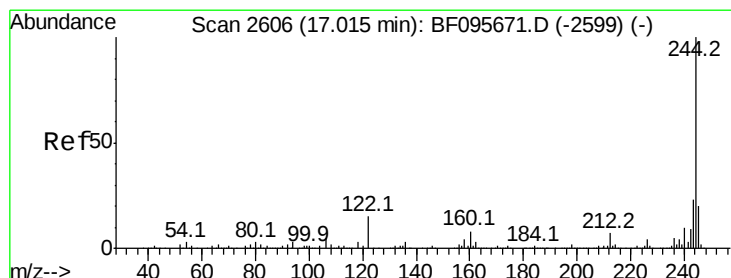
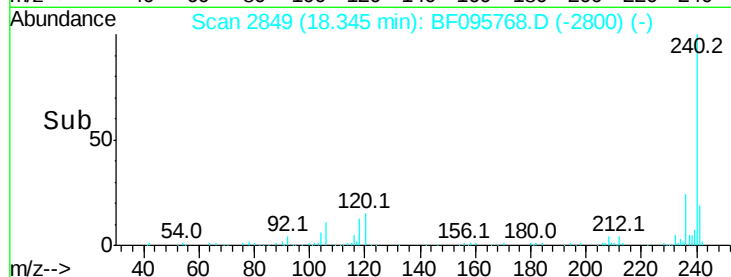
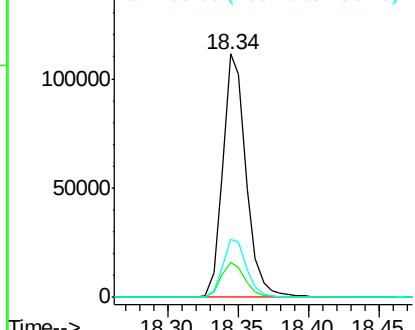
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF095768.D
 Acq: 8 Jun 2017 3:46

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:240 Resp: 128070
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 23.7 20.5 30.7

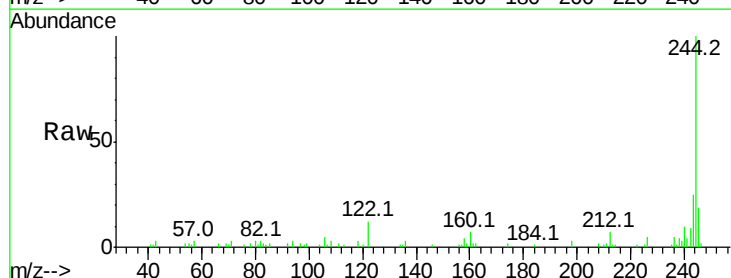


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

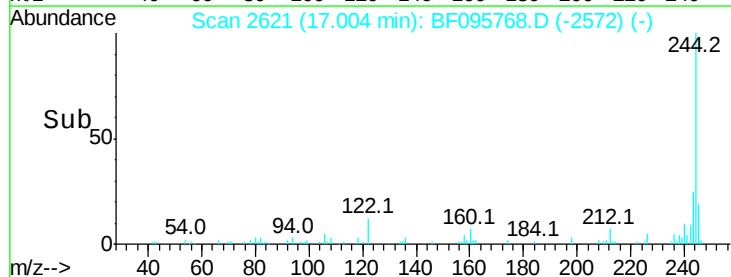
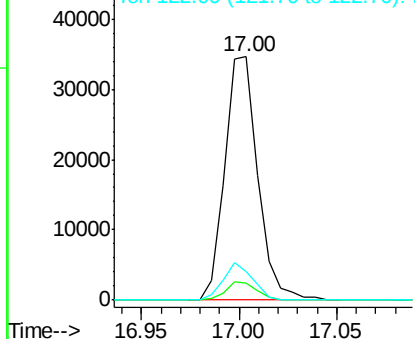


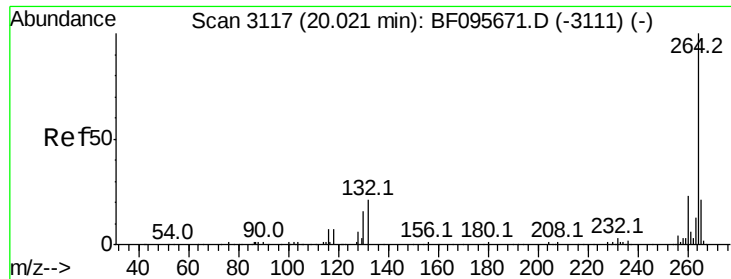
#78
 Terphenyl-d14
 Concen: 7.86 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095768.D
 Acq: 8 Jun 2017 3:46

Tgt Ion:244 Resp: 40586
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 11.8 10.3 15.5



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

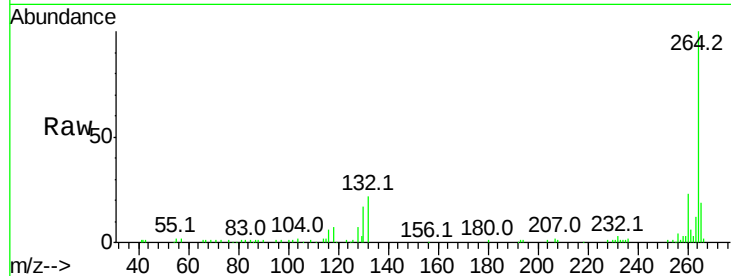




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF095768.D
 Acq: 8 Jun 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	19.4	17.2	25.8



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

