

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095522.D
 Acq On : 28 May 2017 4:47
 Operator : SJ/MA
 Sample : I3239-01 100X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:20:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

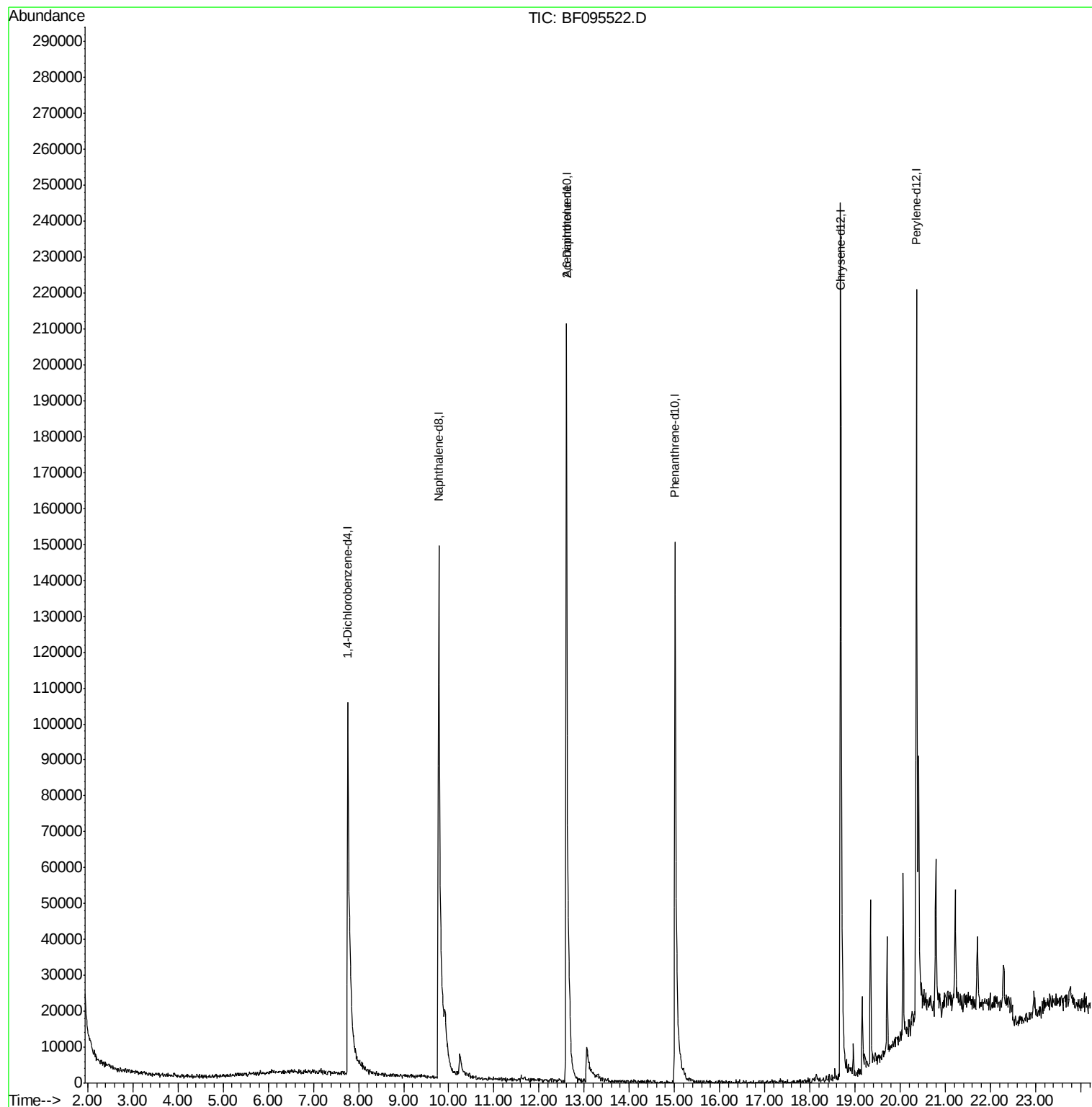
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	70093	20.00	ng	0.02
21) Naphthalene-d8	9.78	136	244458	20.00	ng	0.02
38) Acenaphthene-d10	12.61	164	125556	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	167697	20.00	ng	0.01
75) Chrysene-d12	18.68	240	180715	20.00	ng	0.00
86) Perylene-d12	20.36	264	141654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.62	172	1861	0.21	ng	0.09
78) Terphenyl-d14	17.35	244	1388	0.17	ng	0.03
Target Compounds						
50) 2,6-Dinitrotoluene	12.60	165	11036	5.25	ng	Qvalue # 31

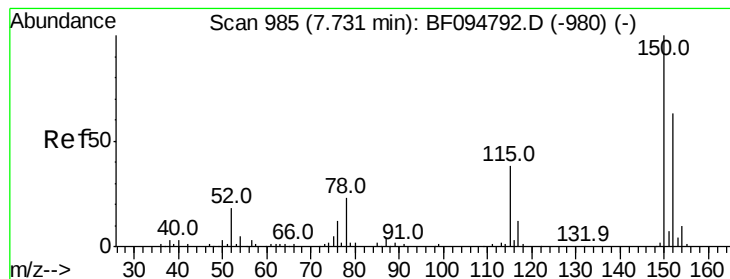
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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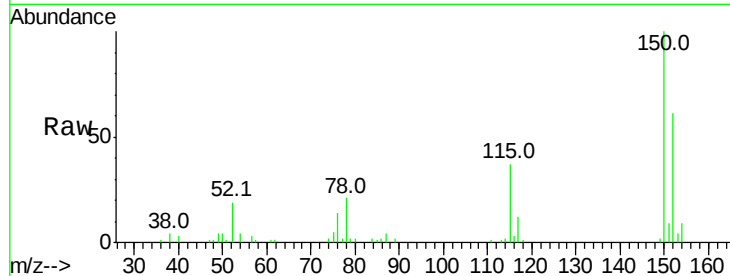


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.02 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	126.2	189.2
115	61.2	52.2	78.2

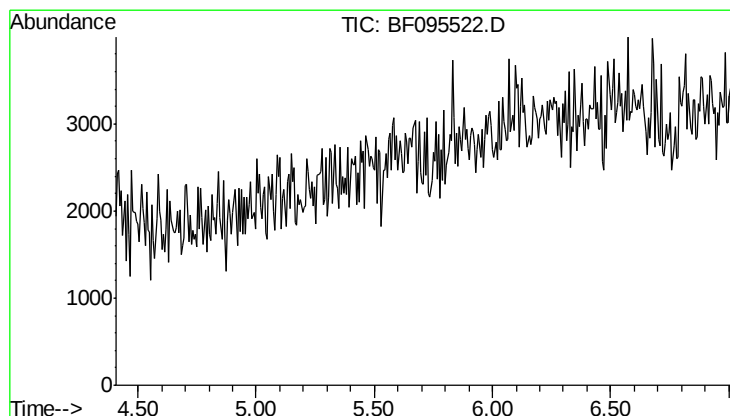
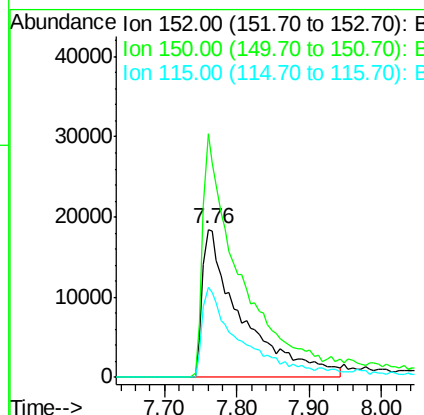
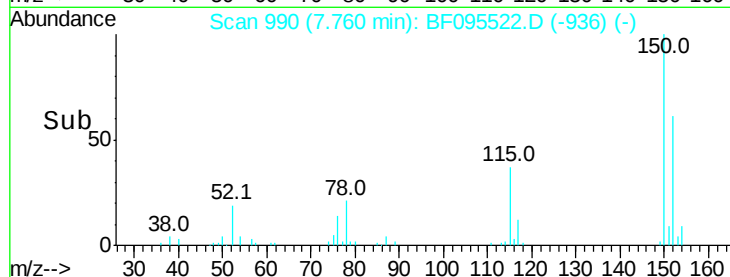


Abundance

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

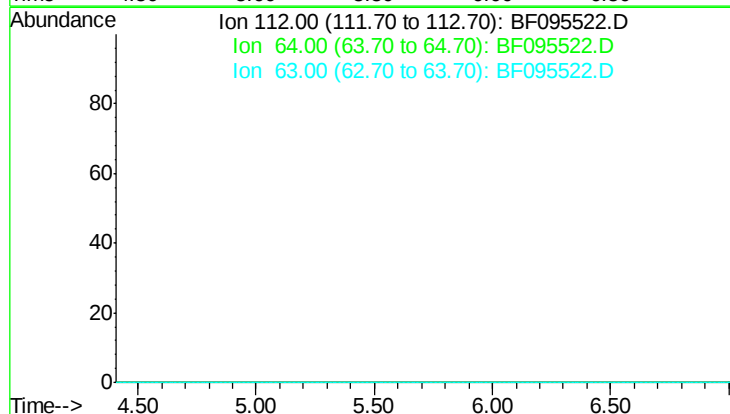


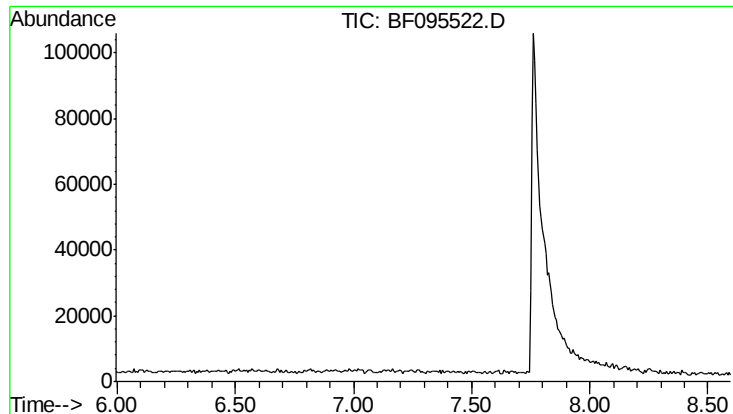
#5

2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.71 min

Lab File: BF095522.D
 Acq: 28 May 2017 4:47

Tgt Ion	Sig	Exp Ratio
112	100	
64	57.5	
63	29.2	

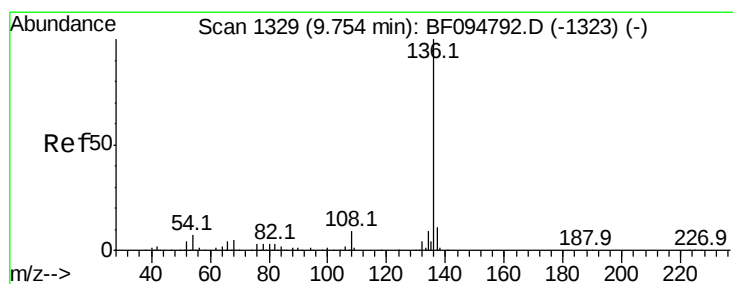
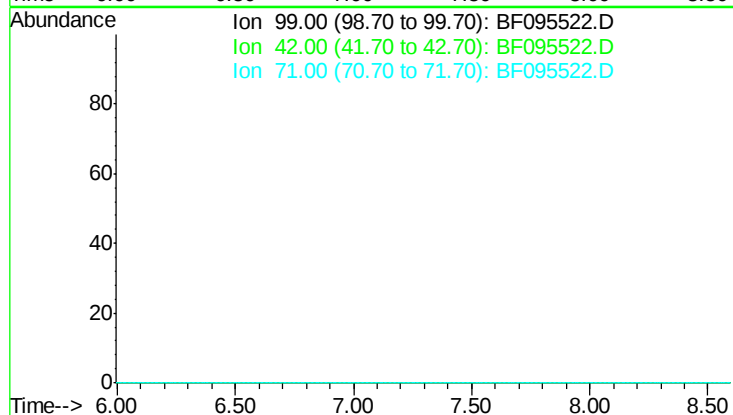




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.30 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

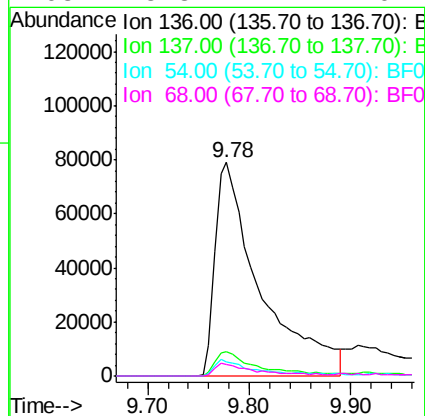
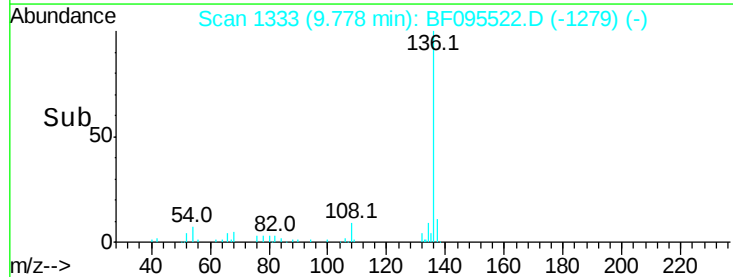
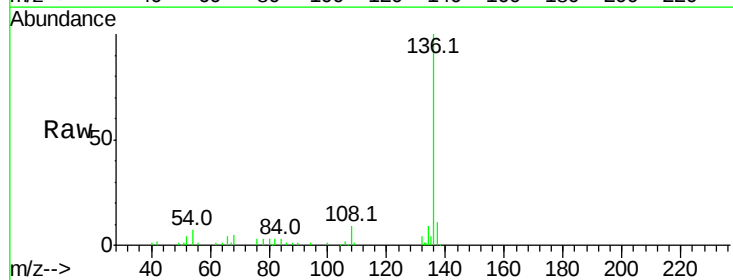
Instrument :
 BNA_F
 ClientSampleId :

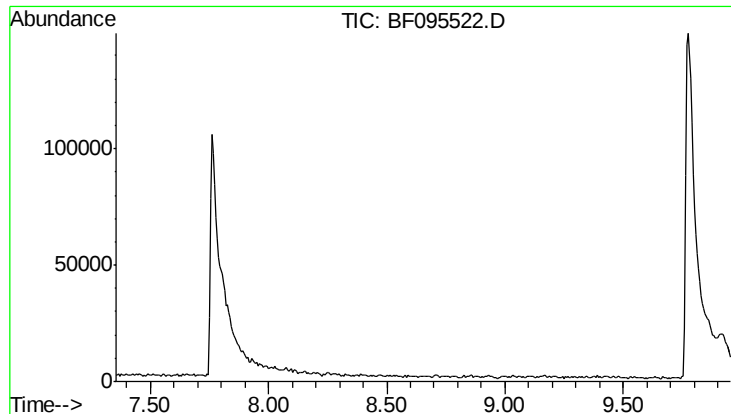
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 16.9
 71 30.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1333
 Delta R.T. 0.02 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

Tgt Ion: 136 Resp: 244458
 Ion Ratio Lower Upper
 136 100
 137 11.4 8.5 12.7
 54 6.6 4.9 7.3
 68 5.3 4.1 6.1

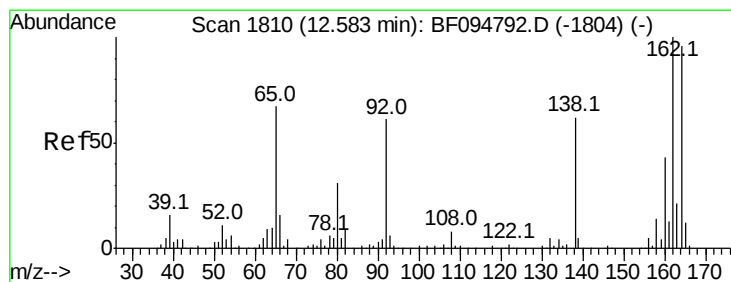
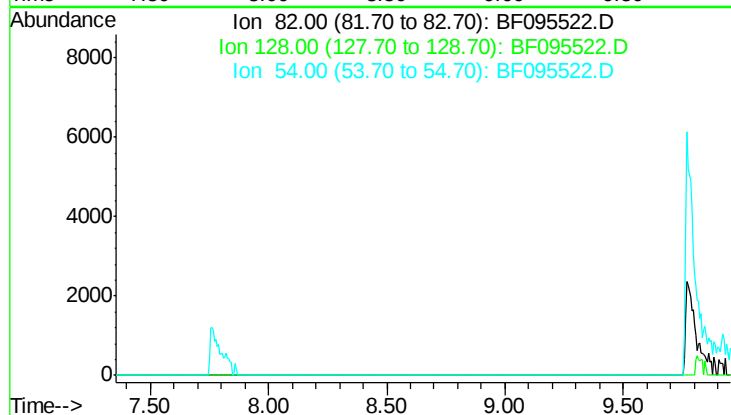




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 8.65 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

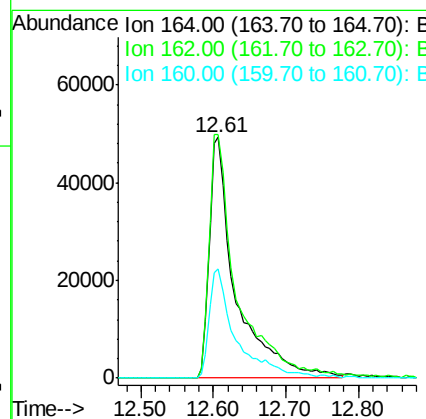
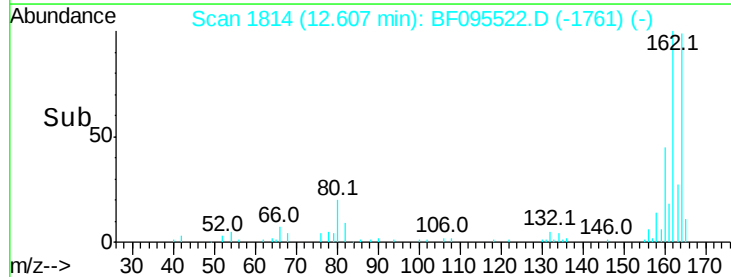
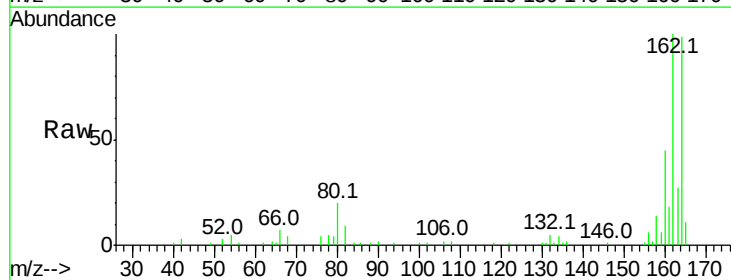
Instrument :
 BNA_F
 ClientSampleId :

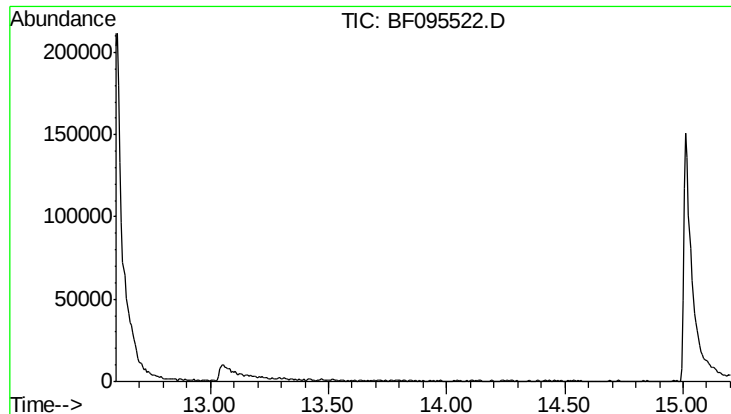
Tot Ion	82
Sig	Exp Ratio
82	100
128	42.5
54	52.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

Tgt Ion	164	Resp	125556
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.6	123.8
160	45.3	36.2	54.2

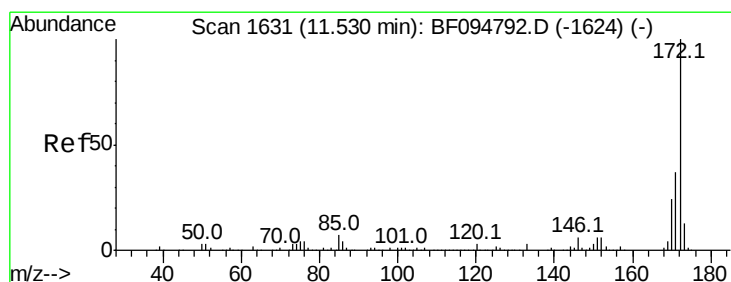
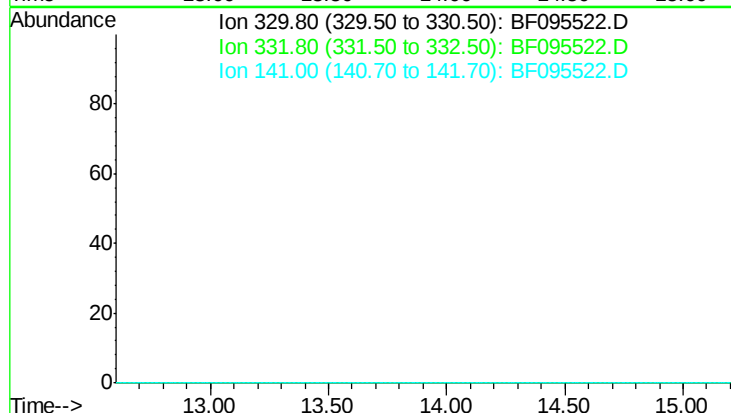




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 13.90 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

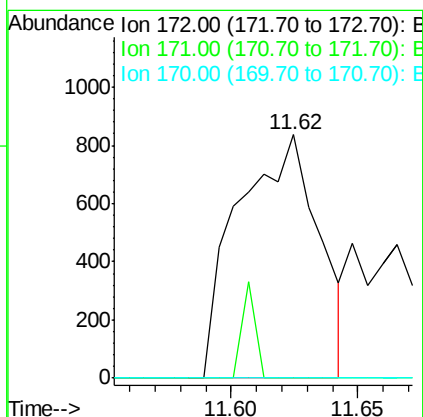
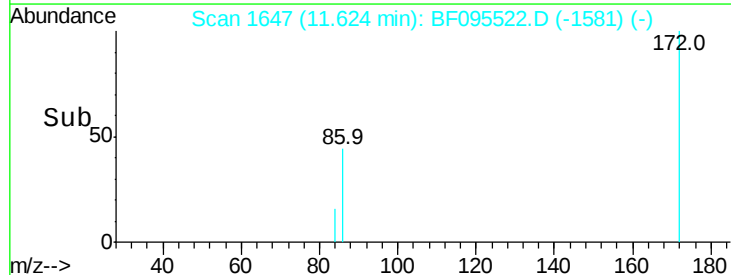
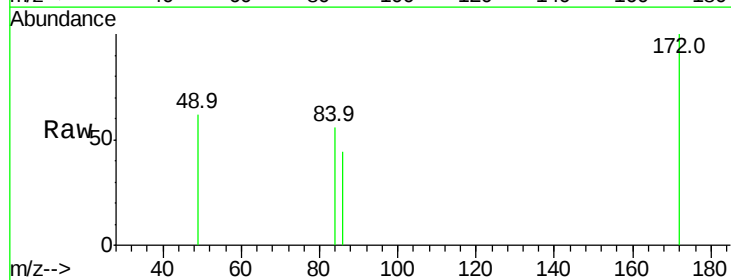
Instrument :
 BNA_F
 ClientSampleId :

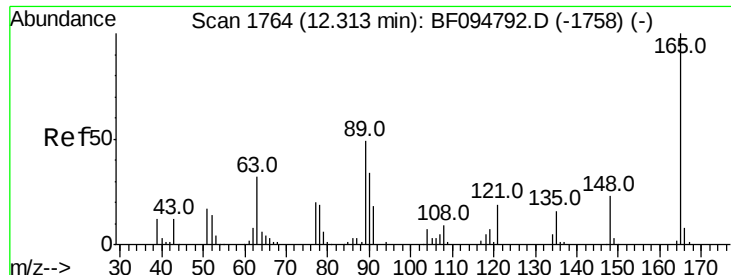
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 0.21 ng
 RT: 11.62 min Scan# 1647
 Delta R.T. 0.09 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

Tgt Ion: 172 Resp: 1861
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.6 44.4#
 170 0.0 19.8 29.8#

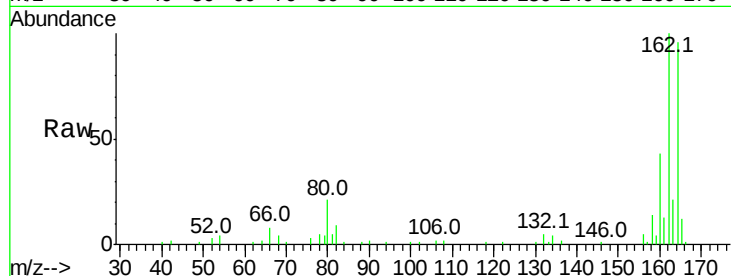




#50
 2,6-Dinitrotoluene
 Concen: 5.25 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :

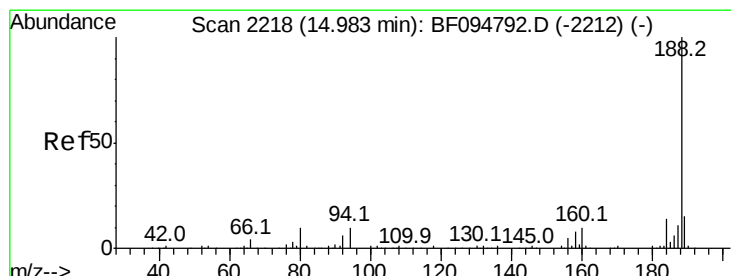
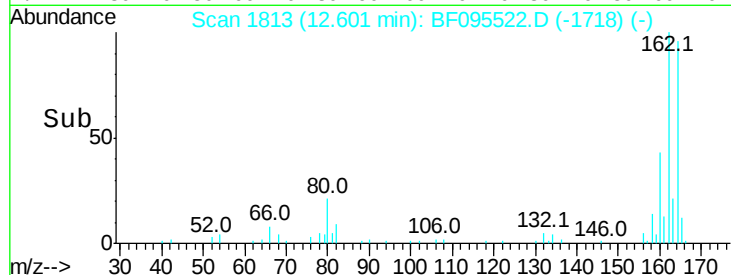
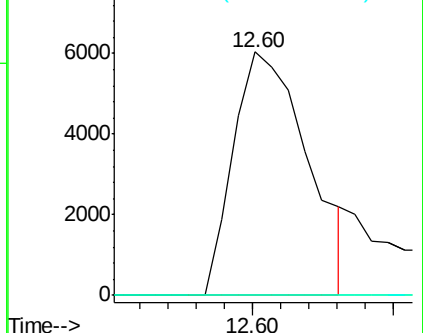
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

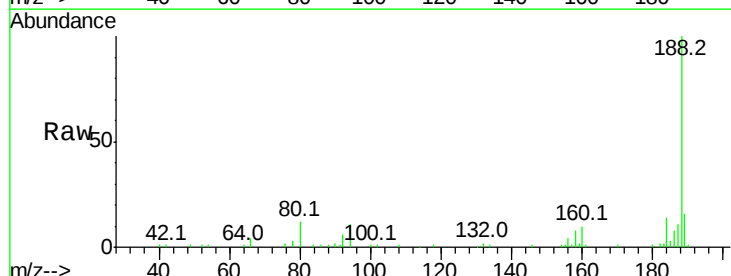
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

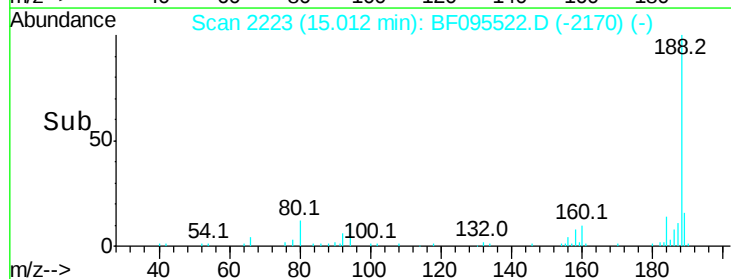
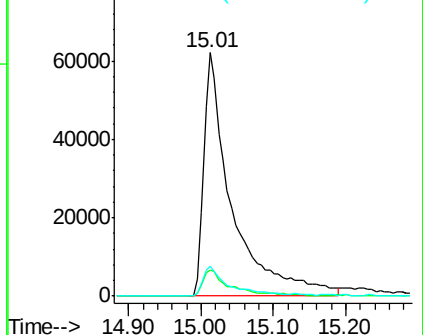
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	12.1	10.2	15.2

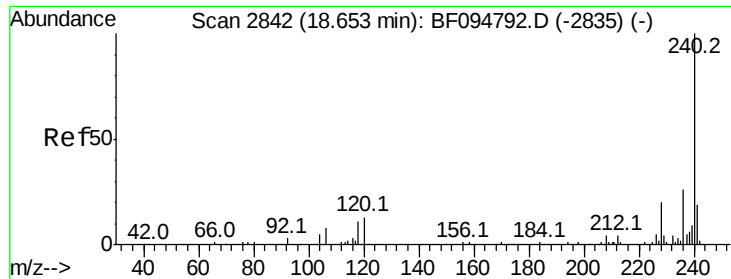


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

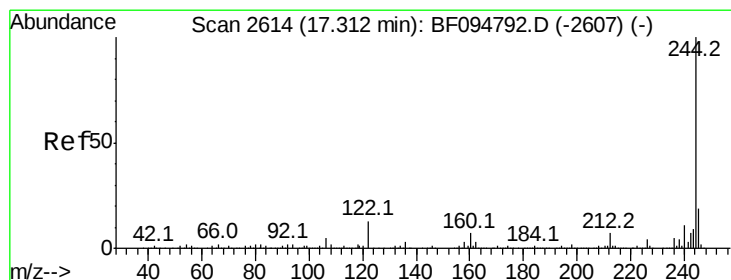
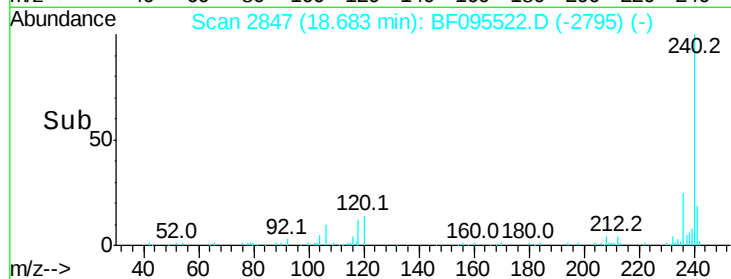
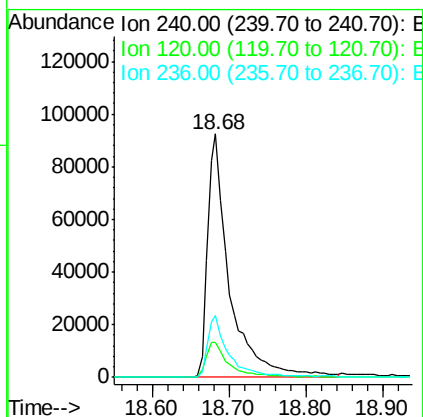
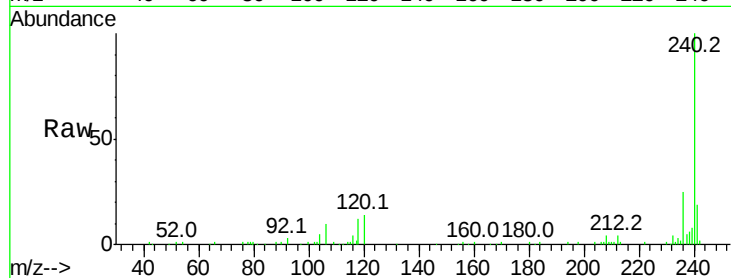




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

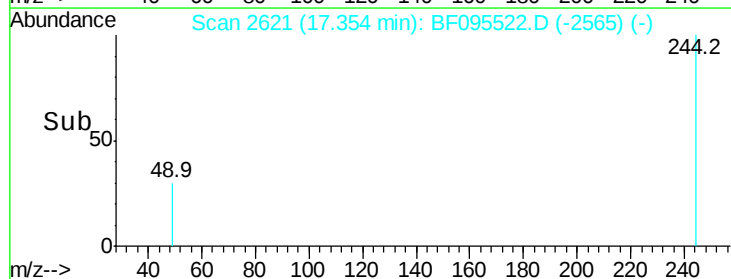
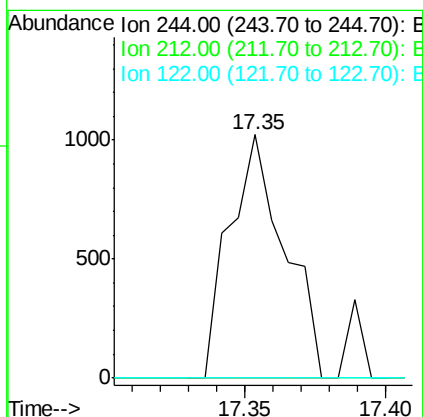
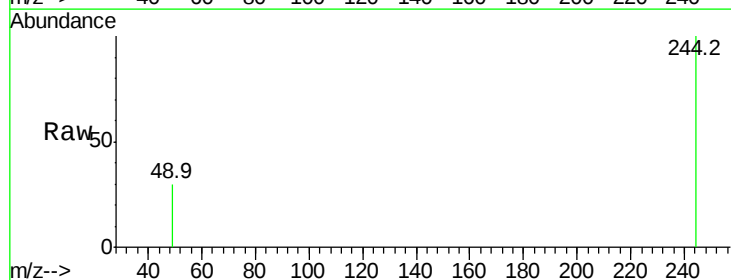
Instrument :
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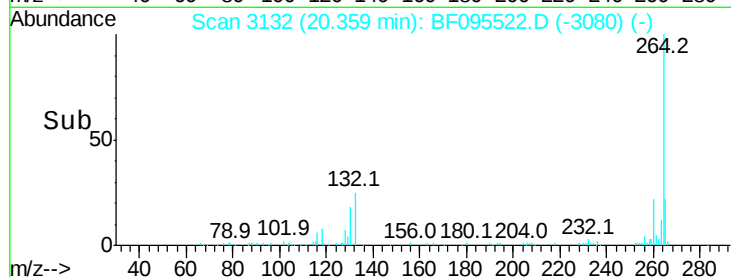
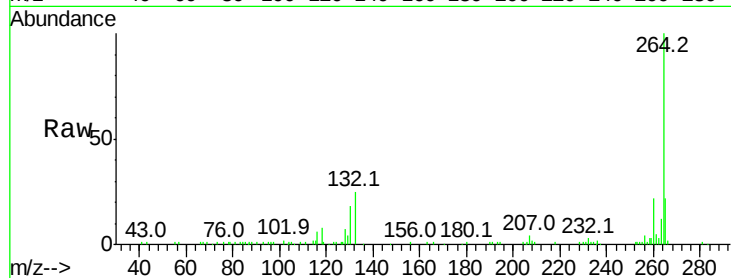
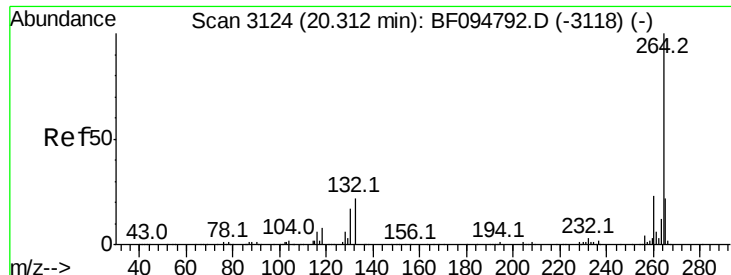
Tot Ion:240 Resp: 180715
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 0.17 ng
 RT: 17.35 min Scan# 2621
 Delta R.T. 0.03 min
 Lab File: BF095522.D
 Acq: 28 May 2017 4:47

Tgt Ion:244 Resp: 1388
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 0.0 10.3 15.5#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BF095522.D

Acq: 28 May 2017 4:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 141654

Ion Ratio Lower Upper

264 100

260 22.1 19.5 29.3

265 22.1 17.2 25.8

