

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
 Data File : BF095552.D
 Acq On : 31 May 2017 00:09
 Operator : SJ/MA
 Sample : I3239-01 50X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 01:44:19 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

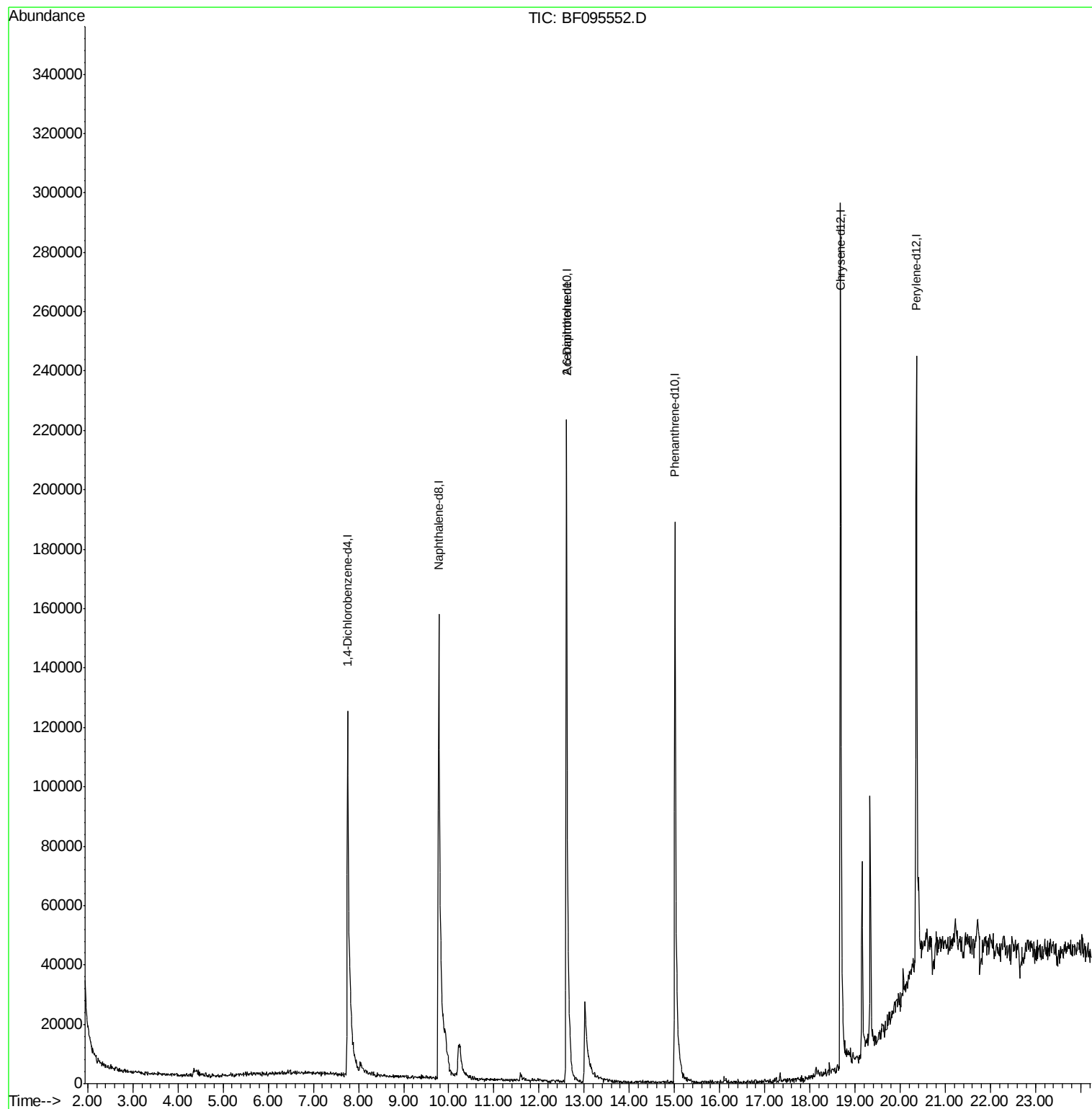
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	75580	20.00	ng	0.02
21) Naphthalene-d8	9.78	136	265132	20.00	ng	0.02
38) Acenaphthene-d10	12.61	164	122403	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	185046	20.00	ng	0.01
75) Chrysene-d12	18.68	240	189795	20.00	ng	0.00
86) Perylene-d12	20.36	264	130849	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	8.94	82	117	0.03	ng	0.29
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.59	172	4478	0.53	ng	0.05
78) Terphenyl-d14	17.34	244	3395	0.39	ng	0.01
Target Compounds						
50) 2,6-Dinitrotoluene	12.60	165	11834	5.77	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: BF095552.D

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BNA_F

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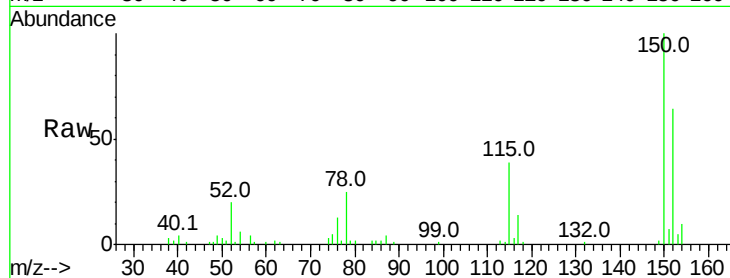
Tot Ion:152 Resp: 75580

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

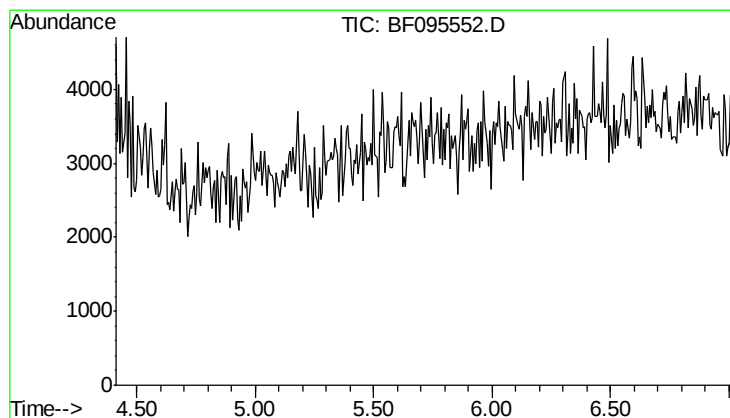
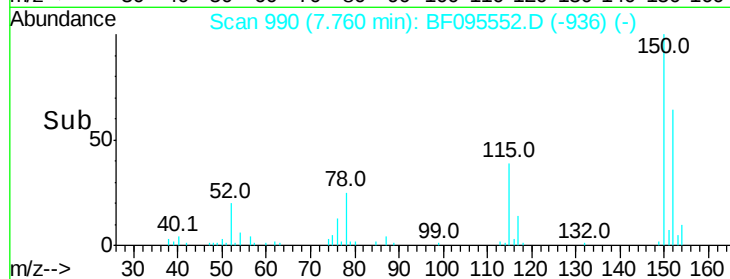
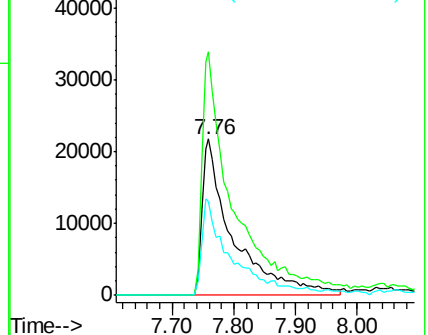
115 60.4 52.2 78.2



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: BF095552.D

Acq: 31 May 2017 00:09

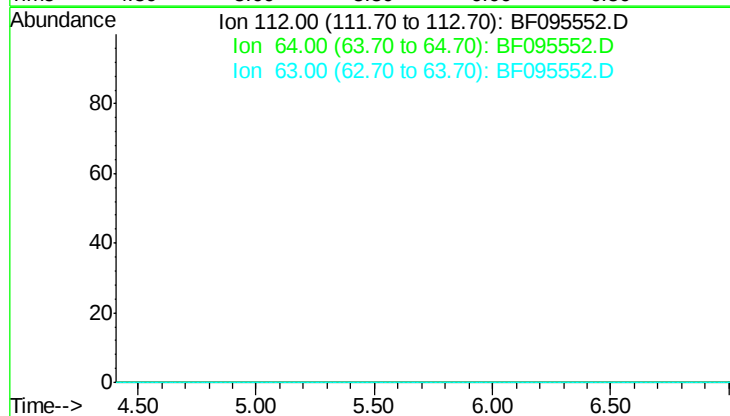
Tgt Ion: 112

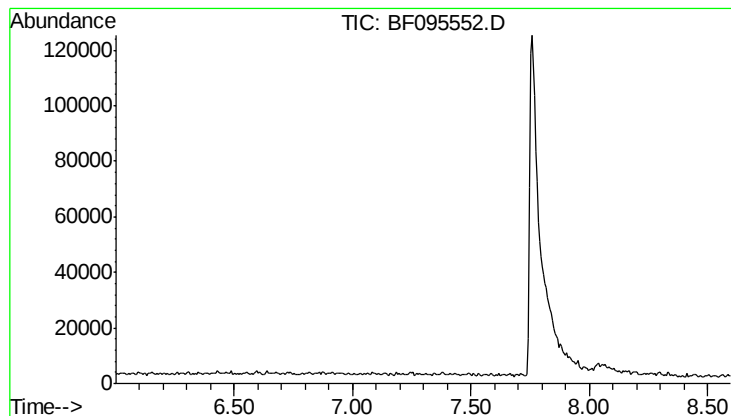
Sig Exp Ratio

112 100

64 57.5

63 29.2

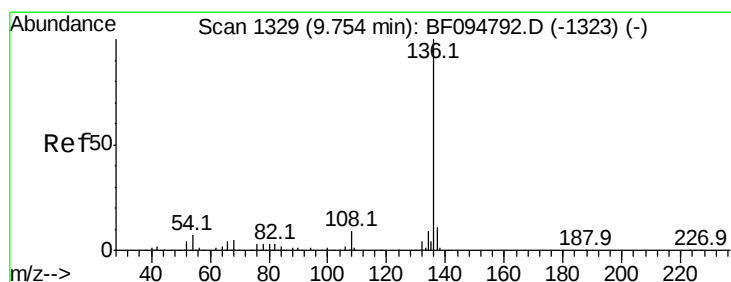
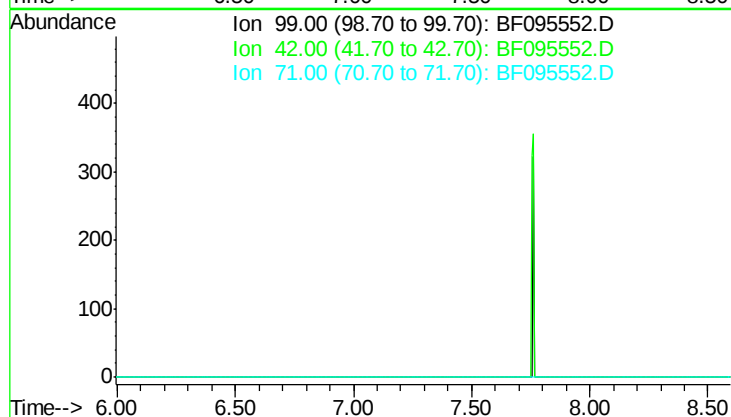




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.30 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

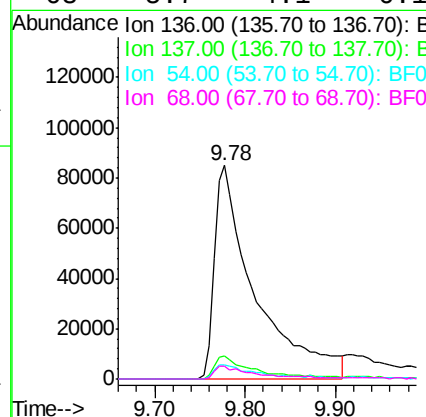
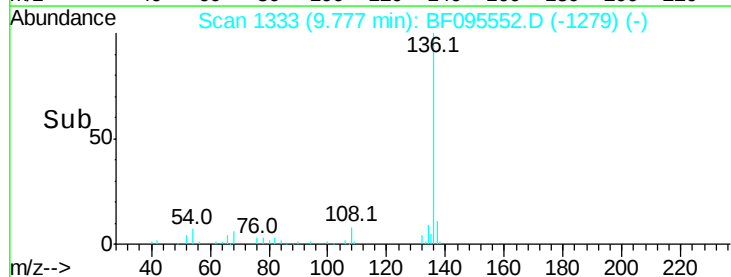
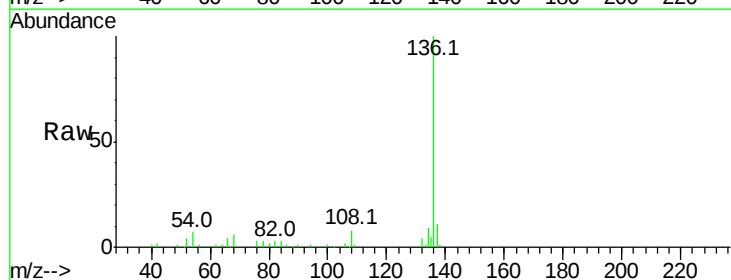
Instrument :
 BNA_F
 ClientSampleId :

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: BF095552.D
 Acq: 31 May 2017 00:09

Tgt Ion	136	Resp	265132
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.7	4.1	6.1

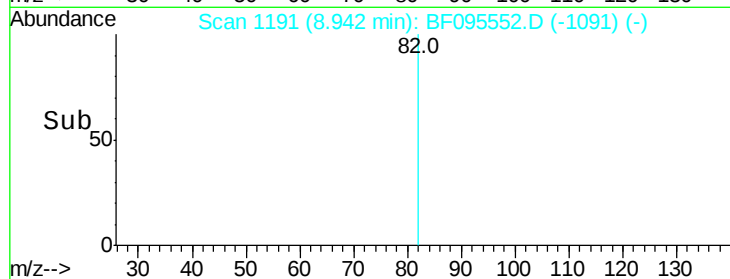
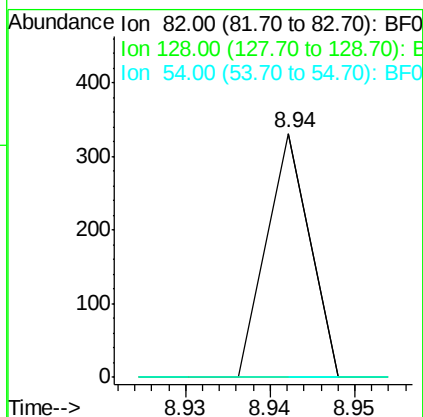
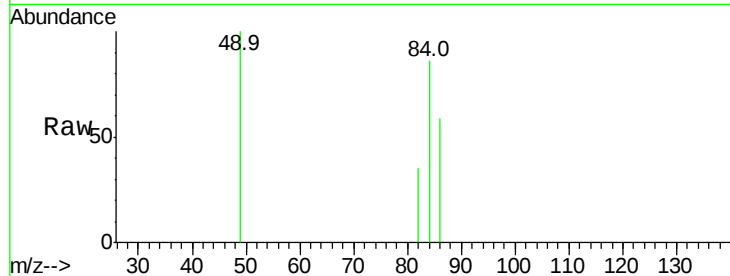




#23
 Nitrobenzene-d5
 Concen: 0.03 ng
 RT: 8.94 min Scan# 1191
 Delta R.T. 0.29 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

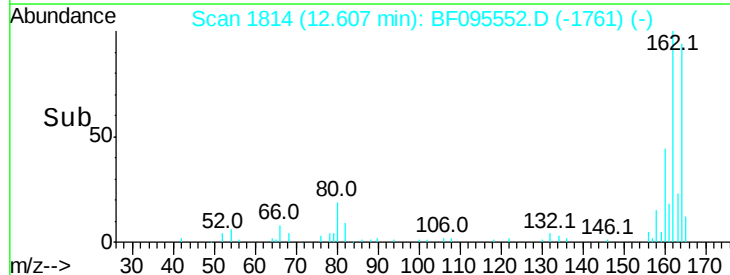
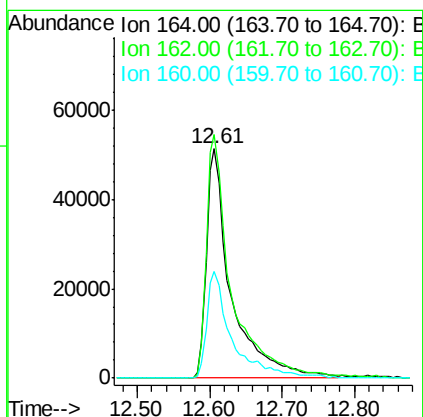
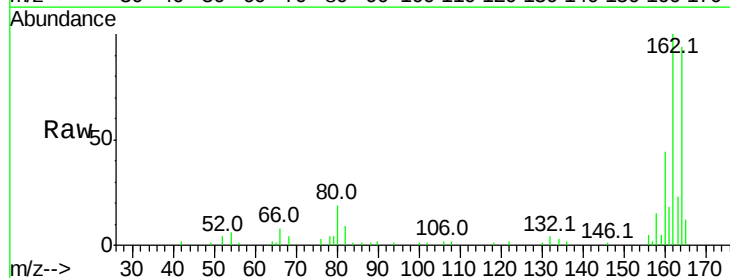
Instrument :
 BNA_F
 ClientSampleId :

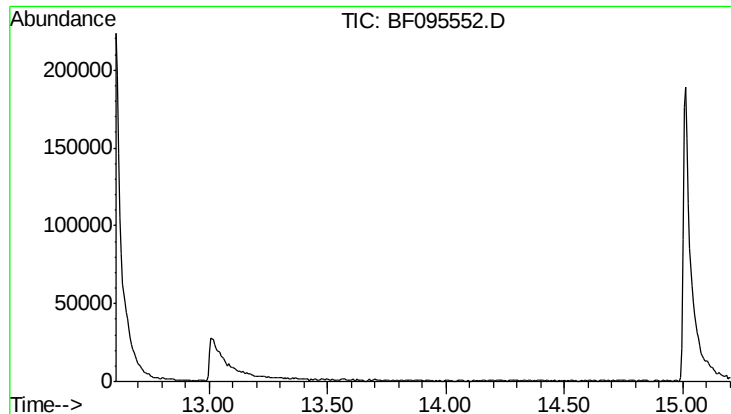
Tot Ion: 82 Resp: 117
 Ion Ratio Lower Upper
 82 100
 128 0.0 34.0 51.0#
 54 0.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

Tgt Ion:164 Resp: 122403
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.6 123.8
 160 46.3 36.2 54.2

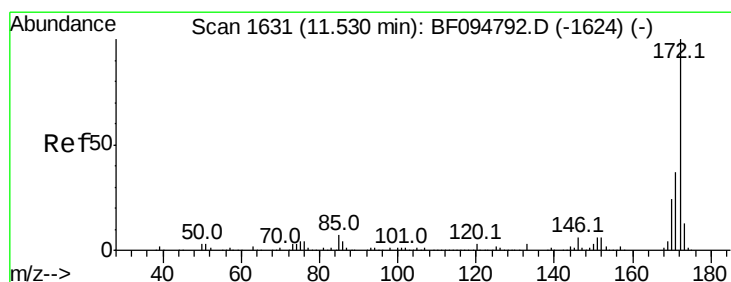
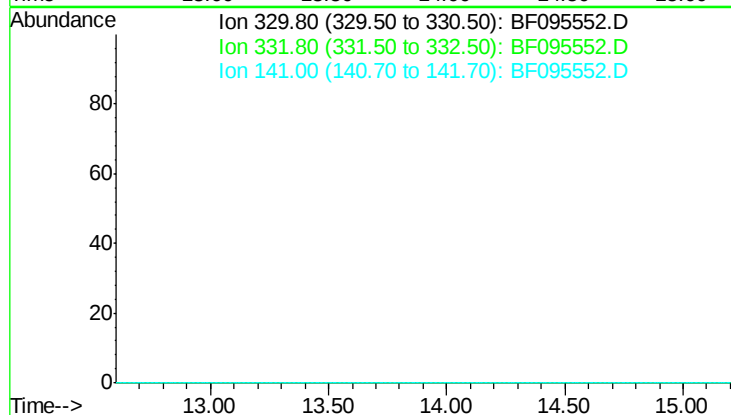




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 13.90 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :

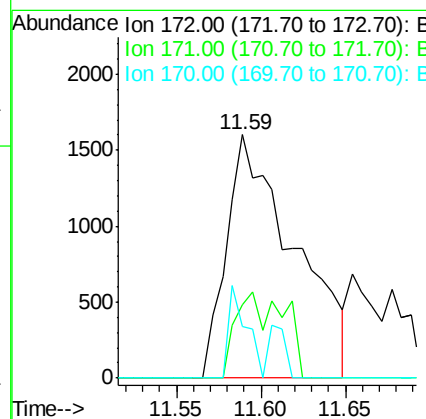
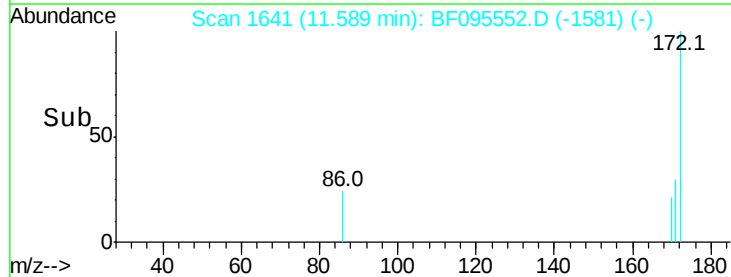
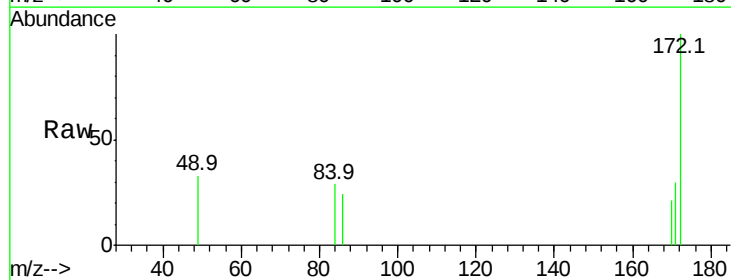
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3

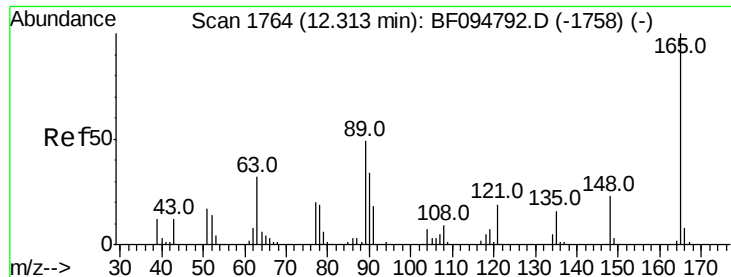


#44
 2-Fluorobiphenyl
 Concen: 0.53 ng
 RT: 11.59 min Scan# 1641
 Delta R.T. 0.05 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

Tgt Ion: 172 Resp: 4478

Ion	Ratio	Lower	Upper
172	100		
171	30.1	29.6	44.4
170	21.4	19.8	29.8

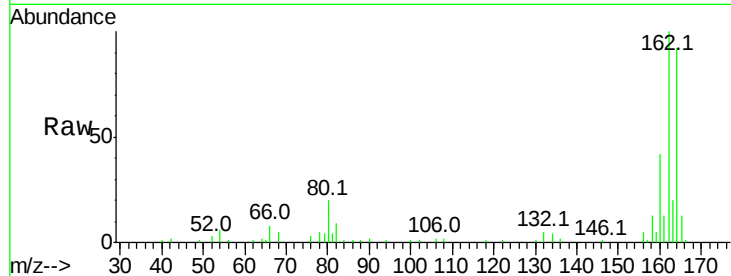




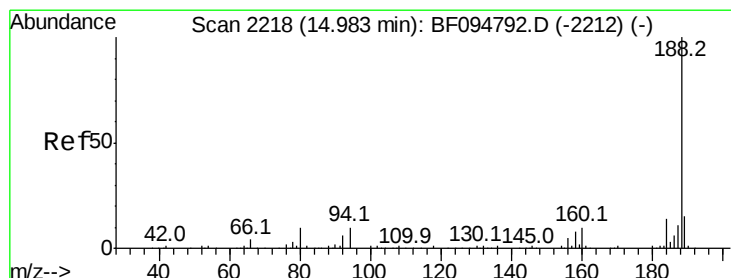
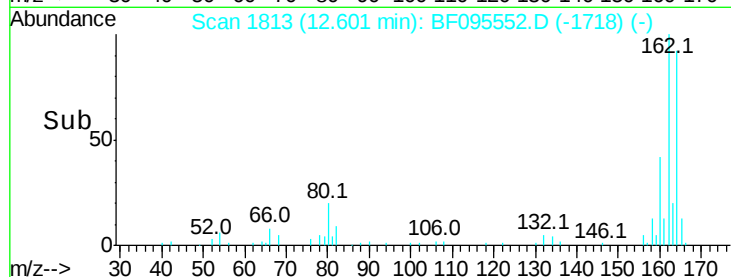
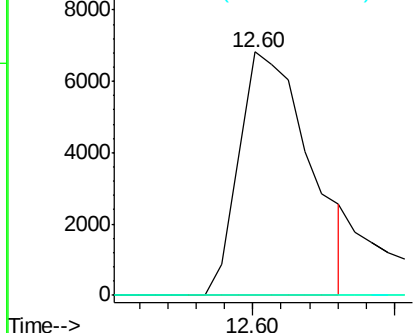
#50
 2,6-Dinitrotoluene
 Concen: 5.77 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 11834
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

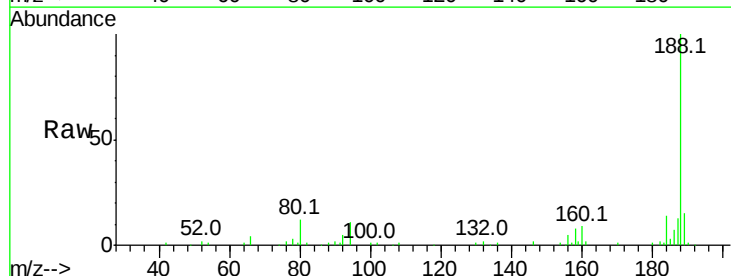


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

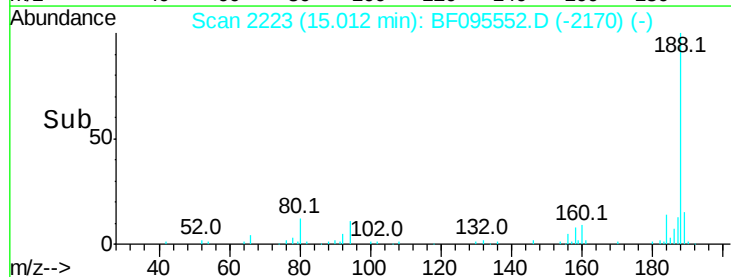
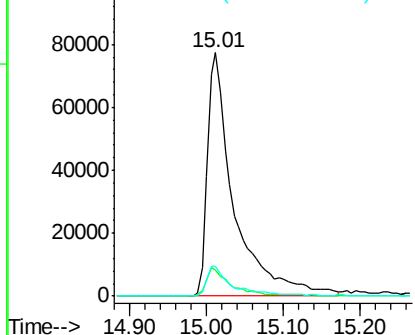


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

Tgt Ion:188 Resp: 185046
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 12.4 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

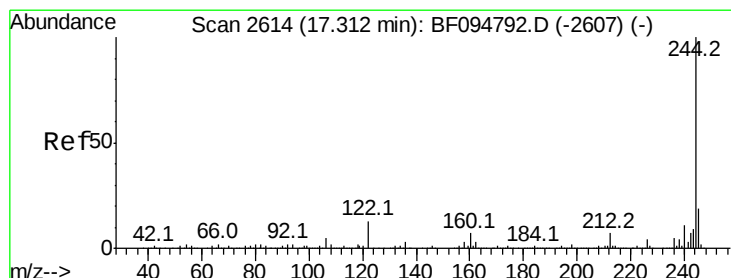
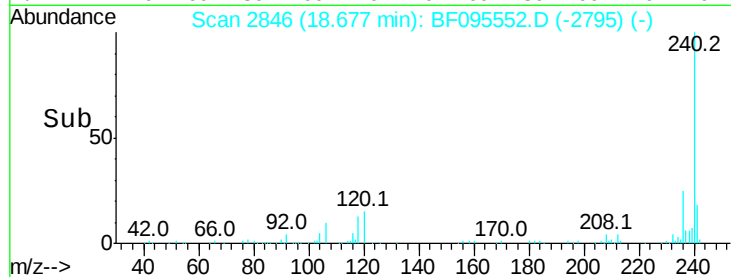
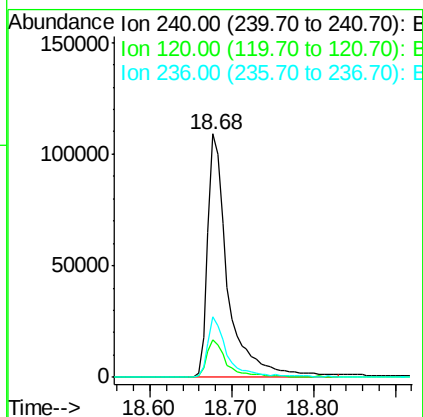
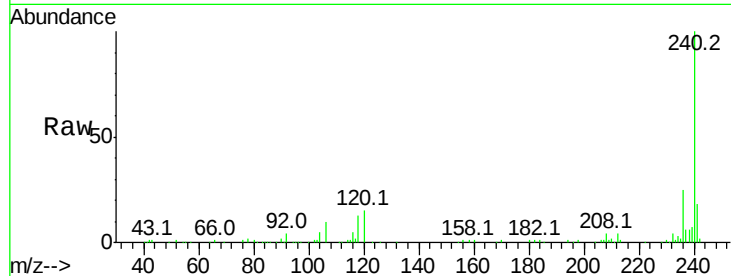




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

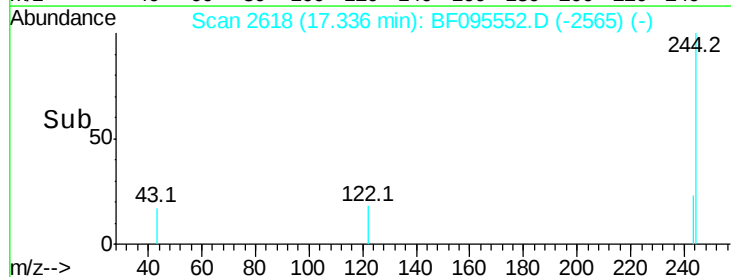
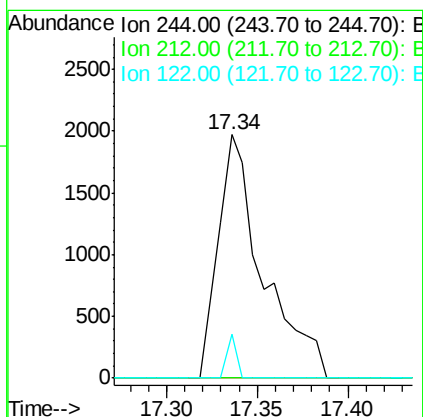
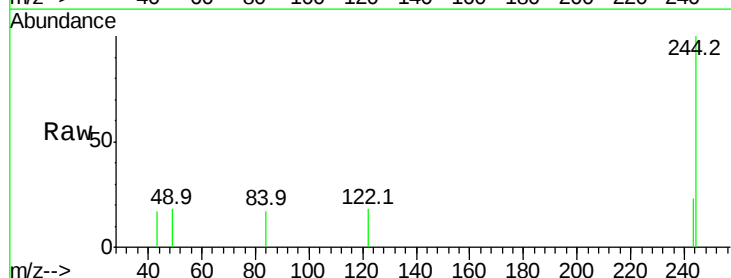
Instrument :
 BNA_F
 ClientSampled :

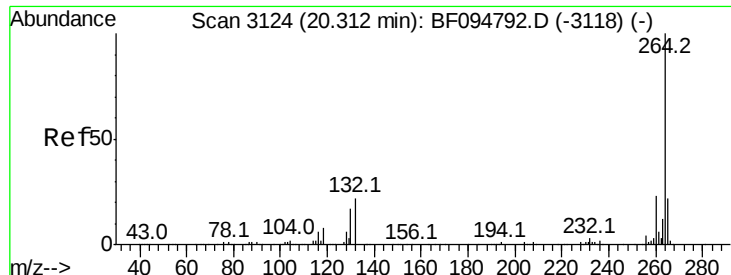
Tot Ion:240 Resp: 189795
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 0.39 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. 0.01 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

Tgt Ion:244 Resp: 3395
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 17.9 10.3 15.5#

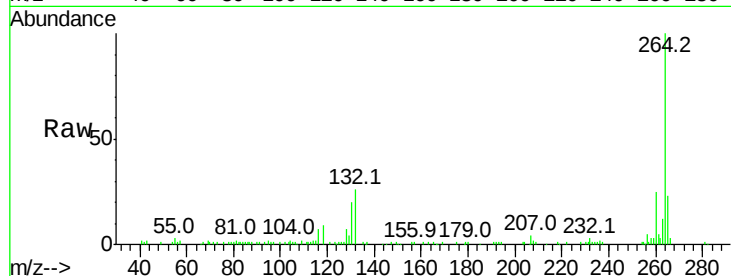




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.6	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

