

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095083.D
 Acq On : 11 May 2017 16:53
 Operator : SJ/MA
 Sample : I3052-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20170508

Quant Time: May 11 17:39:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:33:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	94260	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	388107	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	186231	20.00	ng	0.00
63) Phenanthrene-d10	14.96	188	366000	20.00	ng	0.00
75) Chrysene-d12	18.63	240	318207	20.00	ng	0.00
86) Perylene-d12	20.29	264	210400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	433685	76.71	ng	0.00
7) Phenol-d6	7.25	99	340727	50.23	ng	0.00
23) Nitrobenzene-d5	8.61	82	622113	101.08	ng	0.00
41) 2,4,6-Tribromophenol	13.85	330	243560	159.69	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	1227222	94.85	ng	0.00
78) Terphenyl-d14	17.29	244	1107539	76.66	ng	0.00

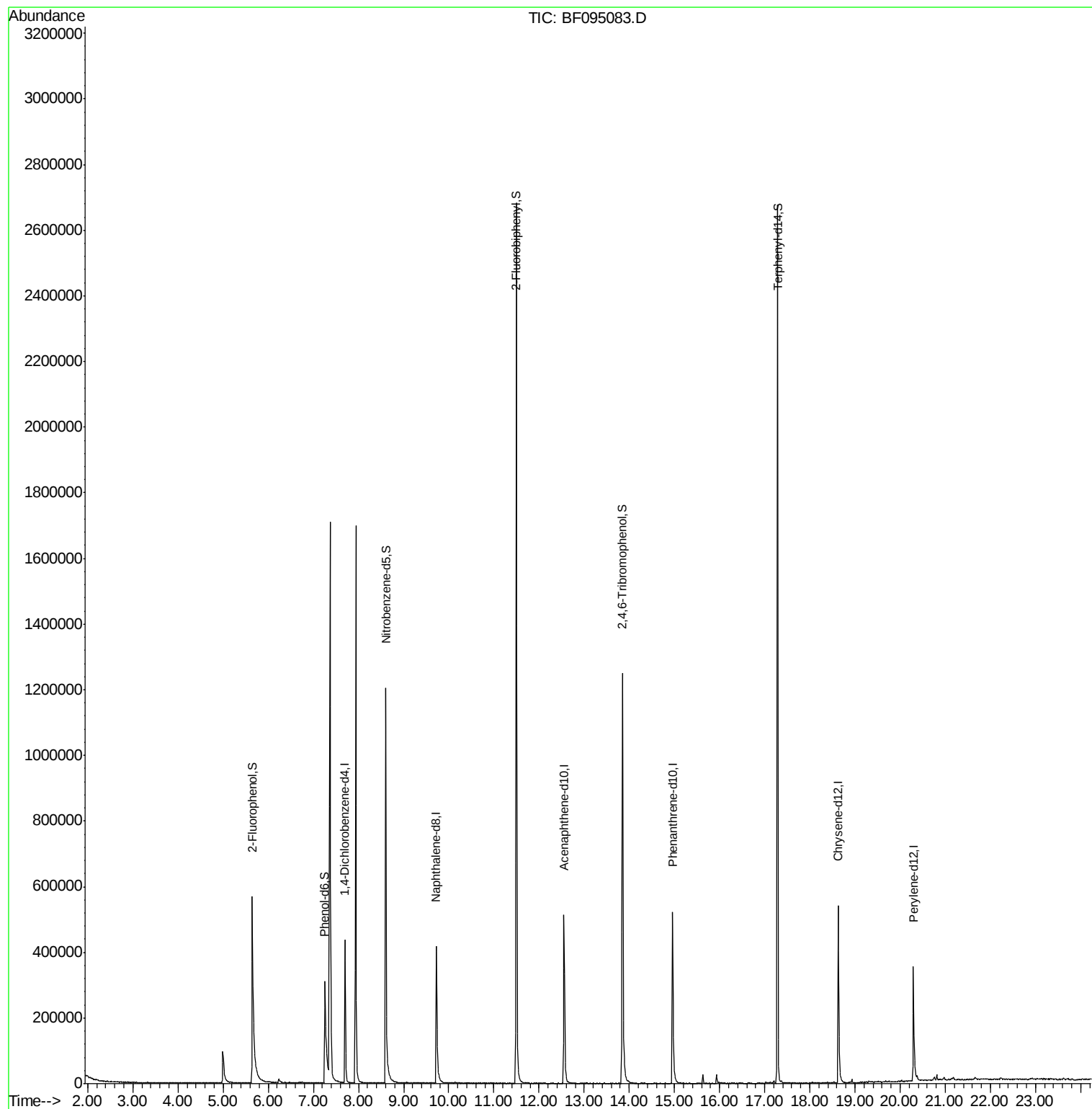
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF095083.D

Acq: 11 May 2017 16:53

Instrument :

BNA_F

ClientSampleId :

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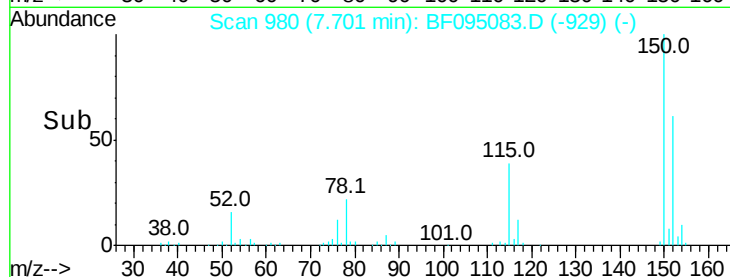
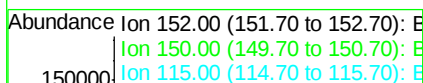
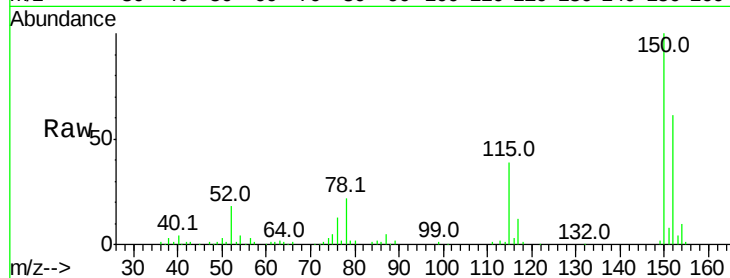
Tot Ion:152 Resp: 94260

Ion Ratio Lower Upper

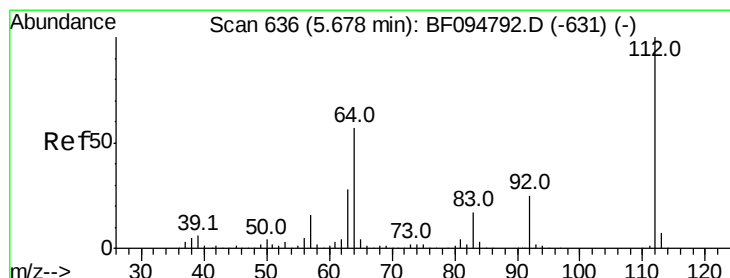
152 100

150 162.9 126.2 189.2

115 63.2 52.2 78.2



Time-->



#5

2-Fluorophenol

Concen: 76.71 ng

RT: 5.65 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF095083.D

Acq: 11 May 2017 16:53

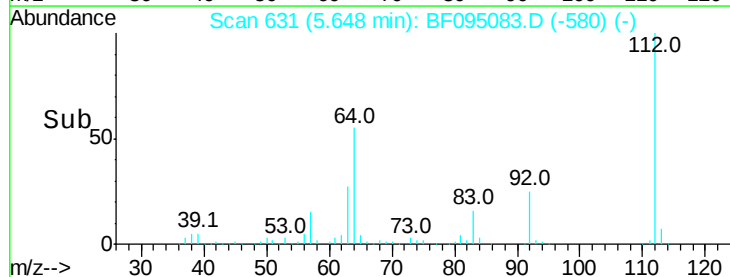
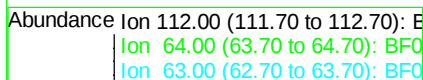
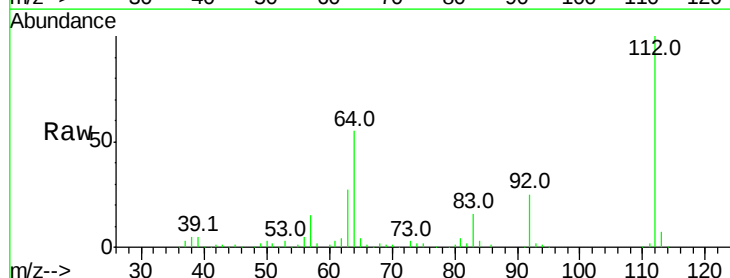
Tgt Ion:112 Resp: 433685

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

63 26.6 23.4 35.0



Time-->



#7

Phenol-d6

Concen: 50.23 ng

RT: 7.25 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF095083.D

Acq: 11 May 2017 16:53

Instrument :

BNA_F

ClientSampleId :

MW-2-20170508

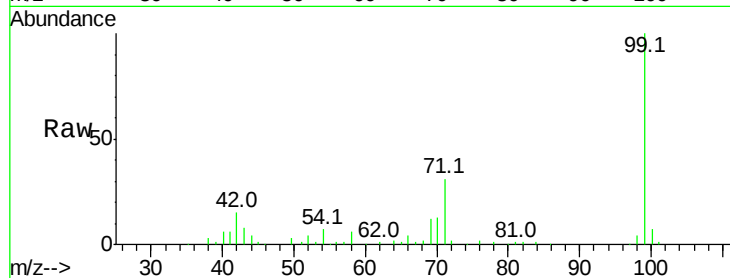
Tot Ion: 99 Resp: 340727

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

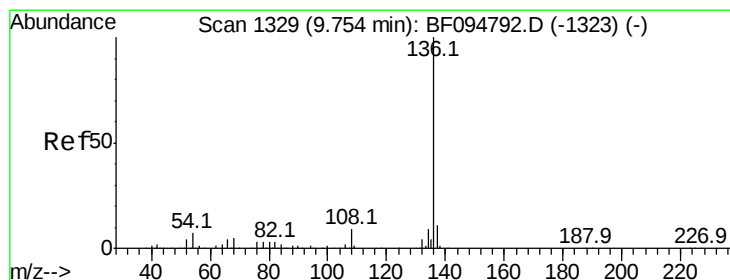
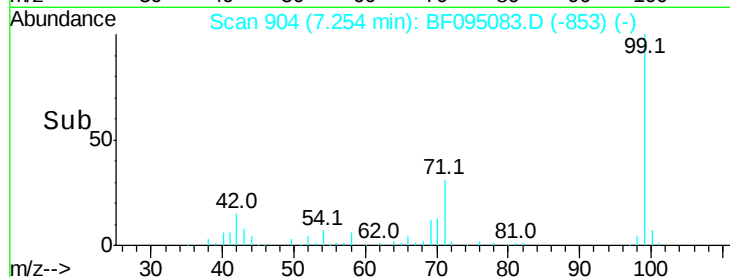
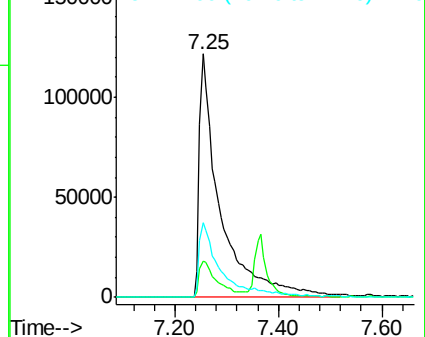
71 30.5 24.5 36.7



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: 9.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF095083.D

Acq: 11 May 2017 16:53

Tgt Ion: 136 Resp: 388107

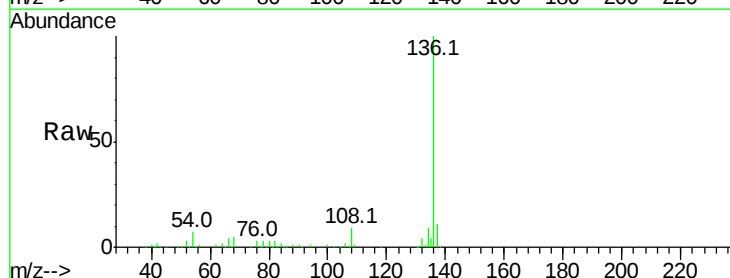
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

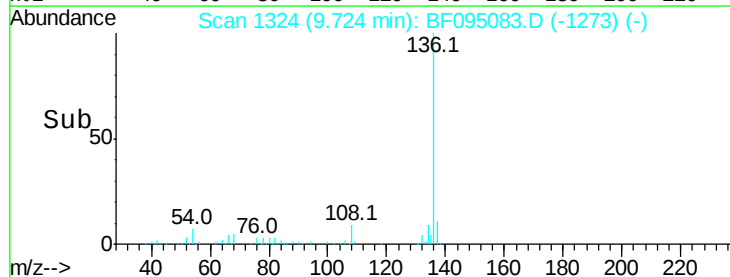
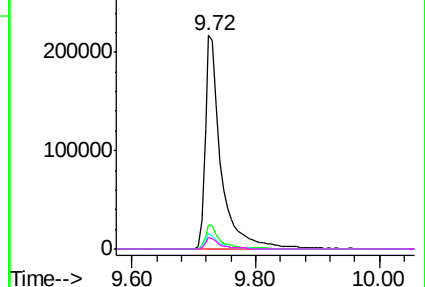


Abundance Ion 136.00 (135.70 to 136.70): E

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

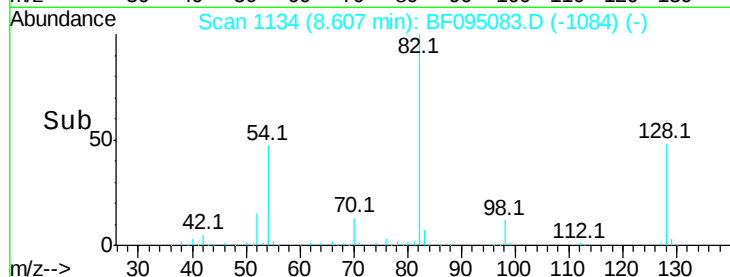
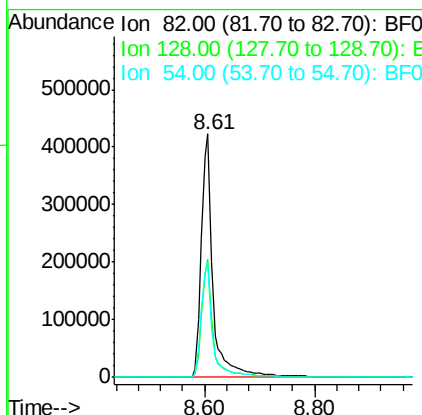
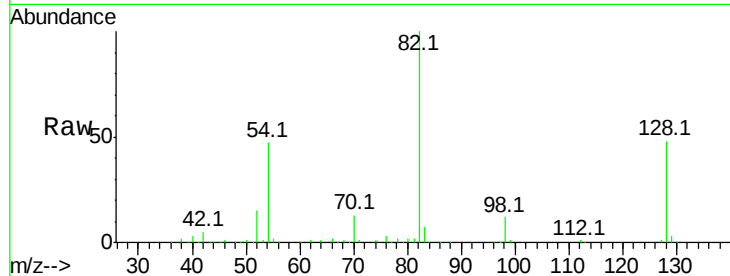




#23
 Nitrobenzene-d5
 Concen: 101.08 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

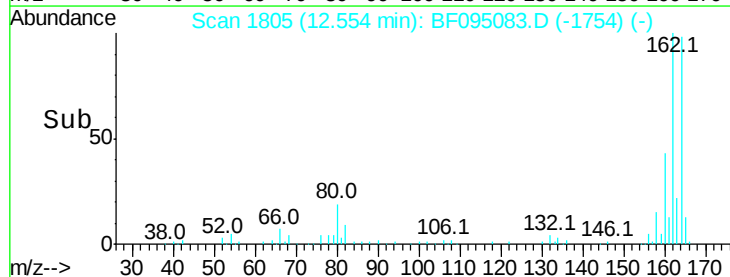
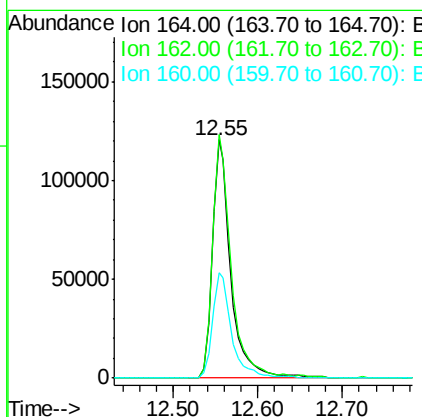
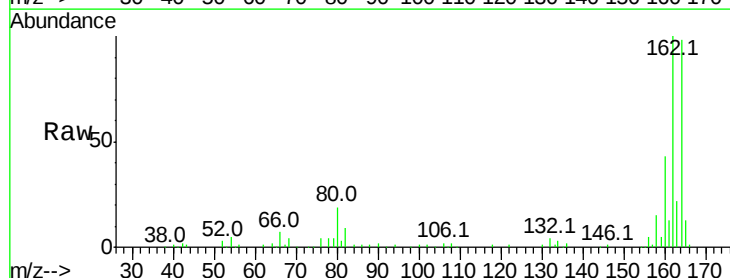
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20170508

Tot Ion: 82 Resp: 622113
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.0 51.0
 54 47.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

Tgt Ion:164 Resp: 186231
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 44.1 36.2 54.2

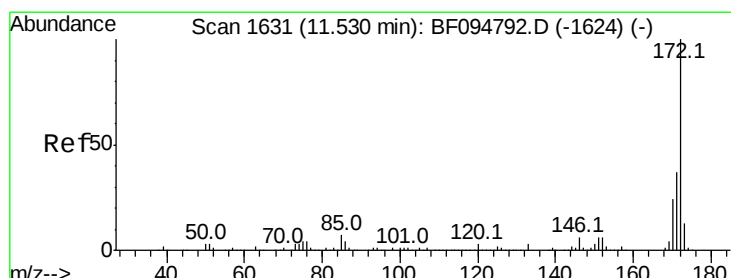
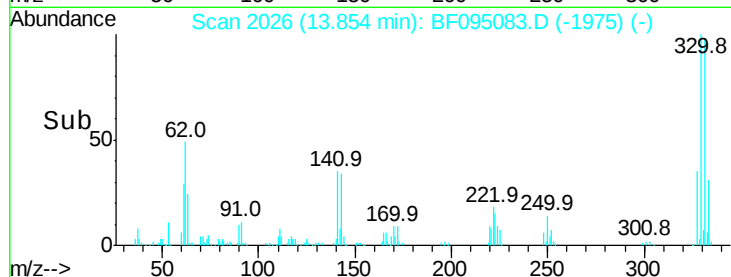
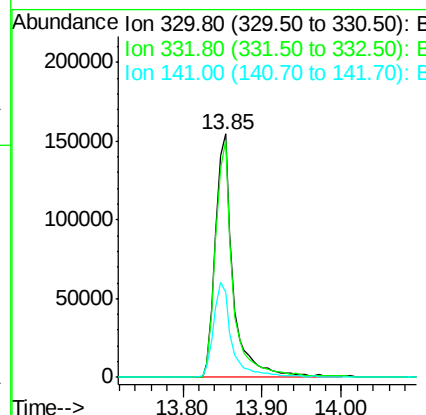
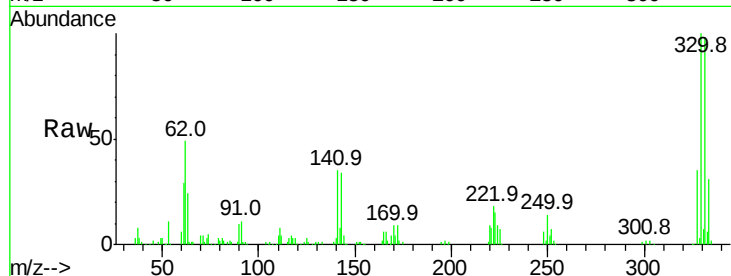




#41
 2,4,6-Tribromophenol
 Concen: 159.69 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

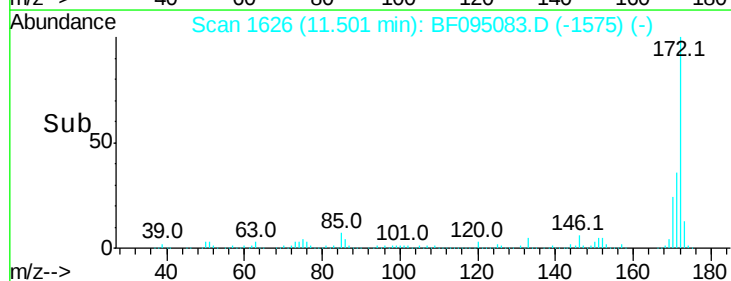
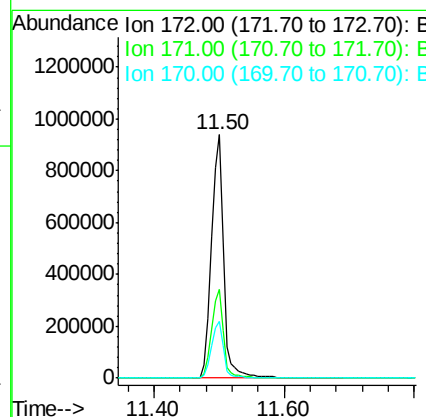
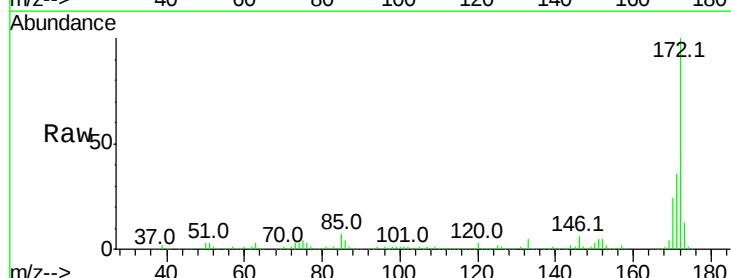
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20170508

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.6	19.8	29.8

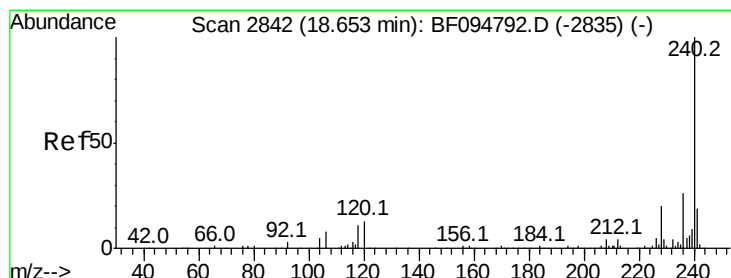
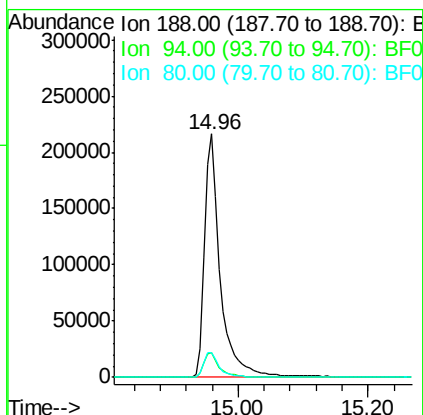
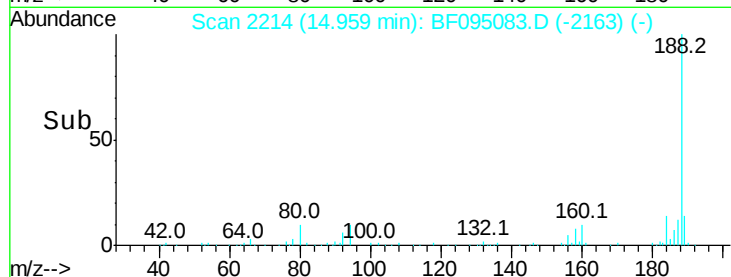
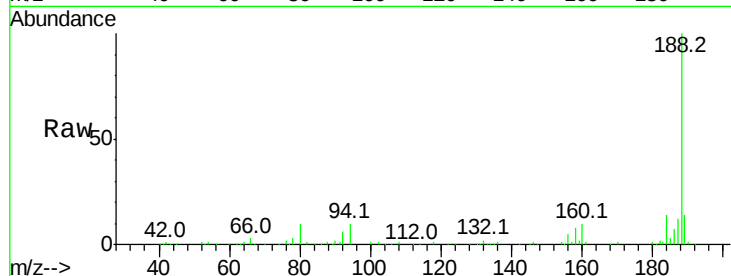




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF095083.D
Acq: 11 May 2017 16:53

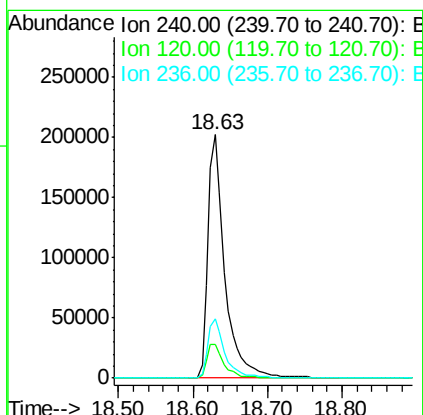
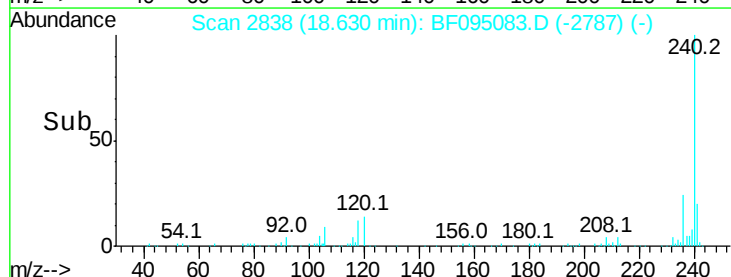
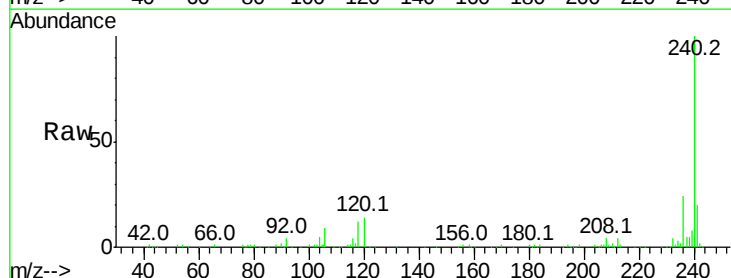
Instrument :
BNA_F
ClientSampleId :
MW-2-20170508

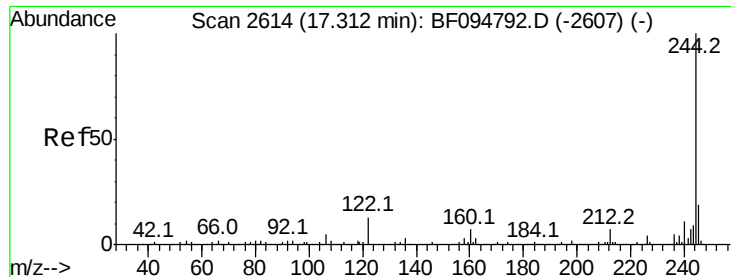
Tot Ion:188 Resp: 366000
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 9.9 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BF095083.D
Acq: 11 May 2017 16:53

Tgt Ion:240 Resp: 318207
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 24.2 20.5 30.7

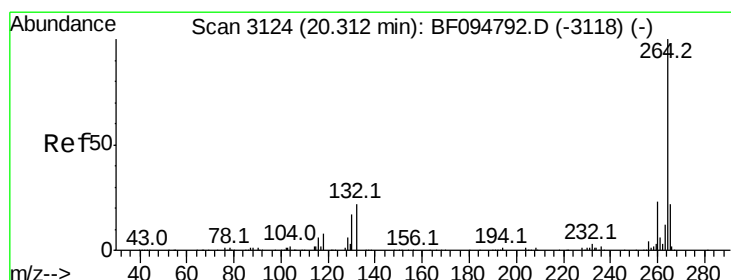
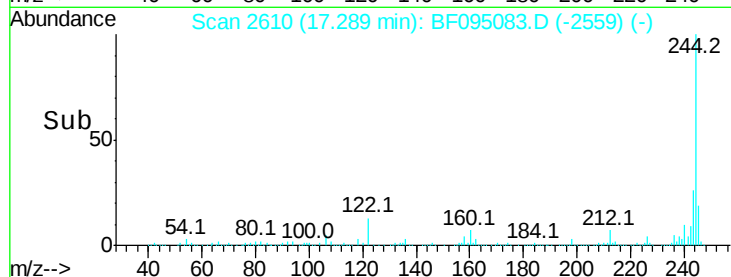
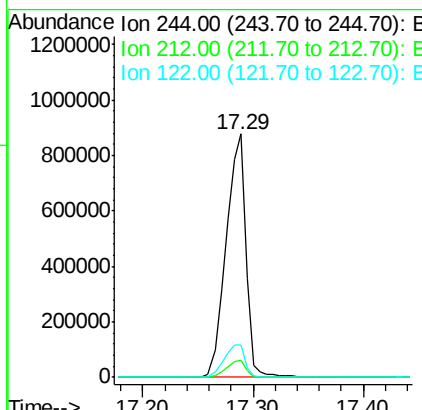
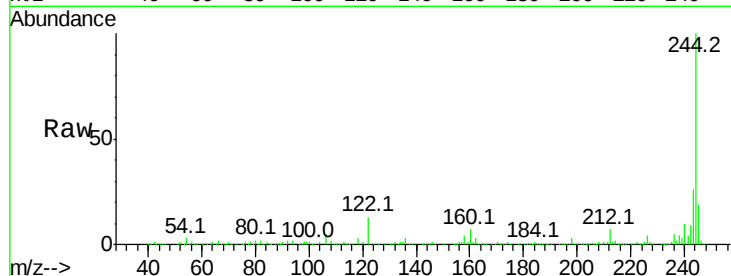




#78
 Terphenyl-d14
 Concen: 76.66 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20170508

Tot Ion:244 Resp: 1107539
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

Tgt Ion:264 Resp: 210400
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.5 17.2 25.8

