

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095249.D
 Acq On : 19 May 2017 6:12
 Operator : SJ/MA
 Sample : I3186-07 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 06:45:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

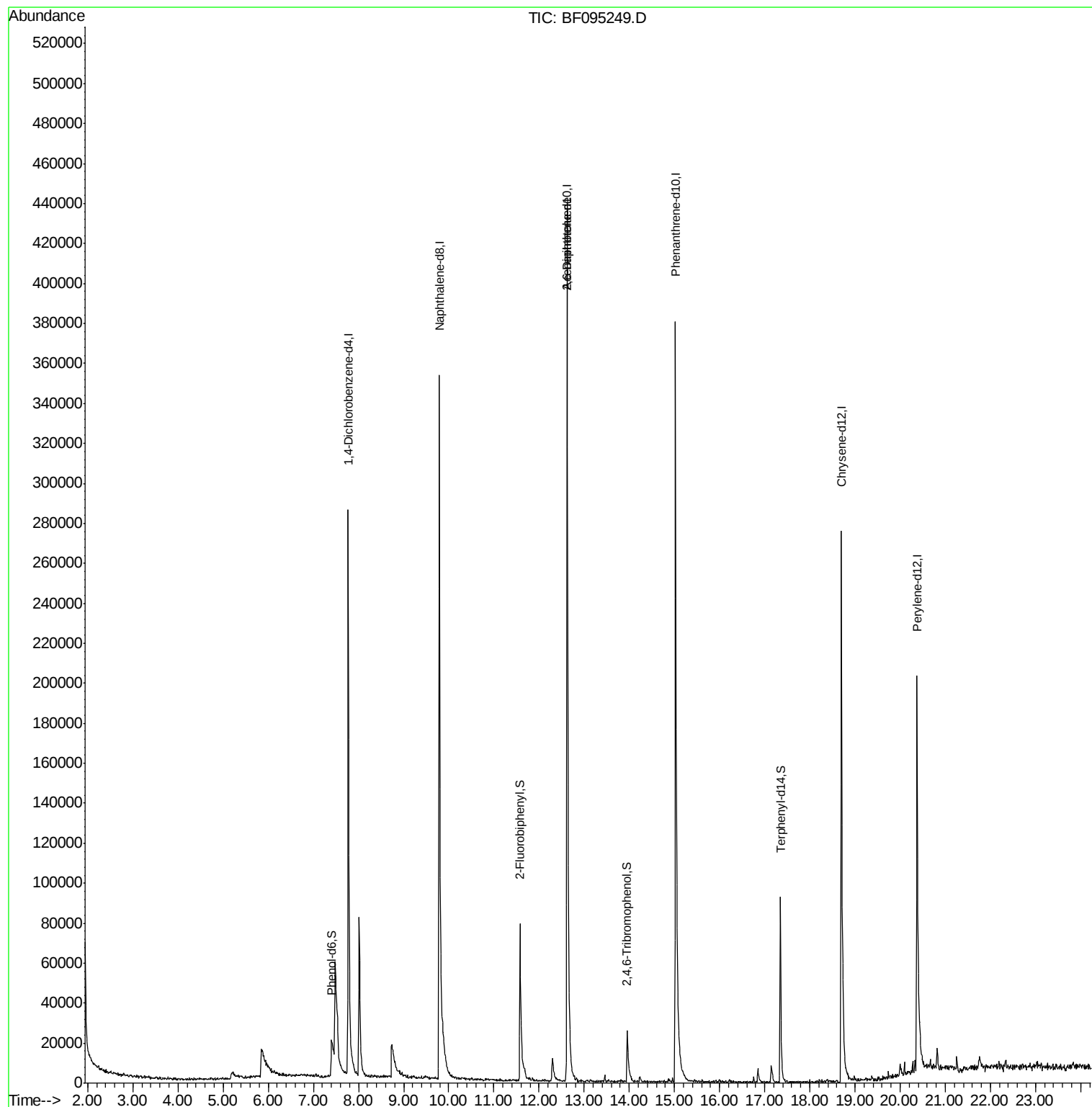
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	84950	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	398715	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	190965	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	334007	20.00	ng	0.00
75) Chrysene-d12	18.70	240	207050	20.00	ng	0.00
86) Perylene-d12	20.38	264	149851	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	6868	1.35	ng	0.11
7) Phenol-d6	7.40	99	36734	6.01	ng	0.09
23) Nitrobenzene-d5	8.90	82	1064	0.17	ng	0.23
41) 2,4,6-Tribromophenol	13.96	330	11189	7.15	ng	0.04
44) 2-Fluorobiphenyl	11.58	172	83794	6.32	ng	0.02
78) Terphenyl-d14	17.35	244	61209	6.51	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	12.62	165	17832	5.58	ng	Qvalue # 31

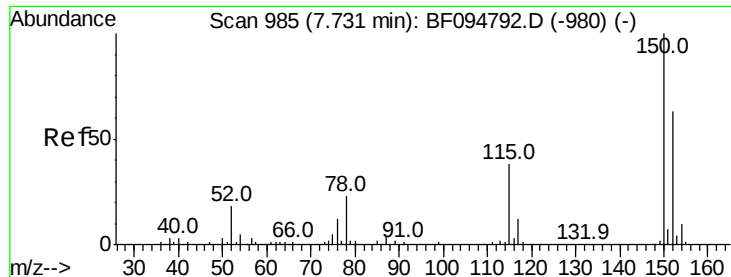
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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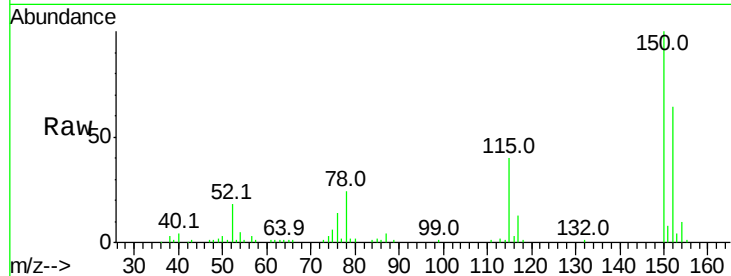


#1

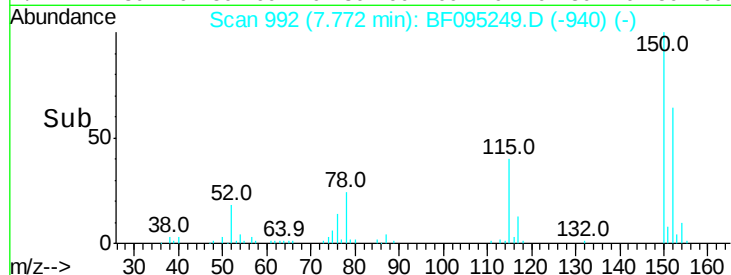
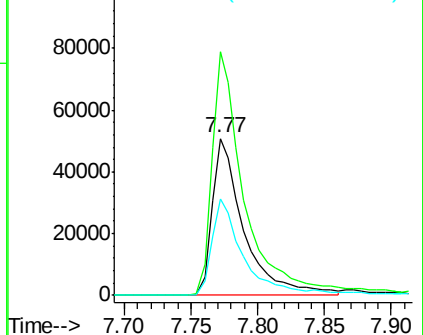
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095249.D
Acq: 19 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84950
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 61.6 52.2 78.2



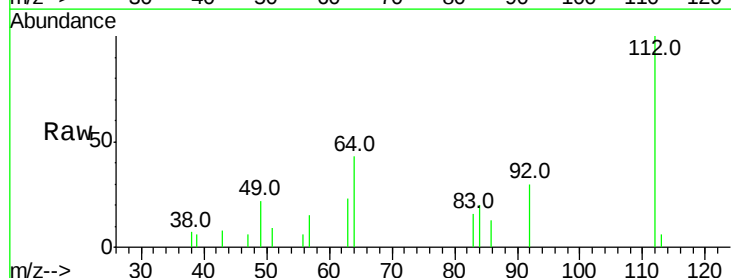
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



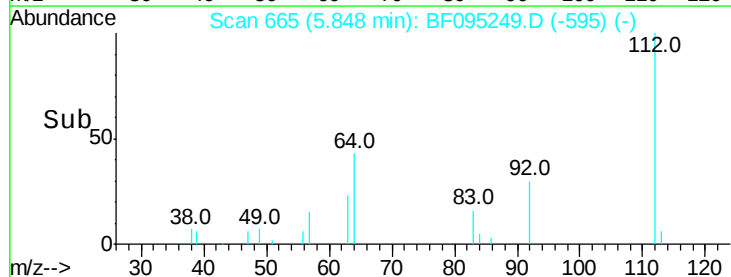
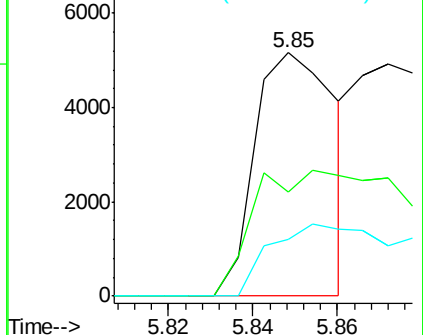
#5

2-Fluorophenol
Concen: 1.35 ng
RT: 5.85 min Scan# 665
Delta R.T. 0.11 min
Lab File: BF095249.D
Acq: 19 May 2017 6:12

Tgt Ion:112 Resp: 6868
Ion Ratio Lower Upper
112 100
64 42.8 46.0 69.0#
63 23.3 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: 6.01 ng

RT: 7.40 min Scan# 929

Delta R.T. 0.09 min

Lab File: BF095249.D

Acq: 19 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

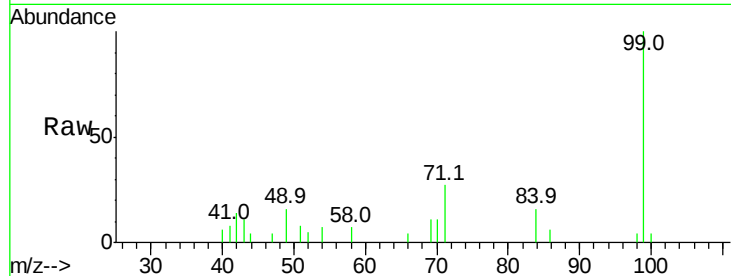
Tot Ion: 99 Resp: 36734

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

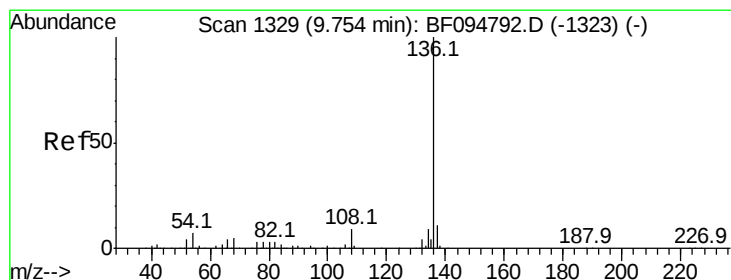
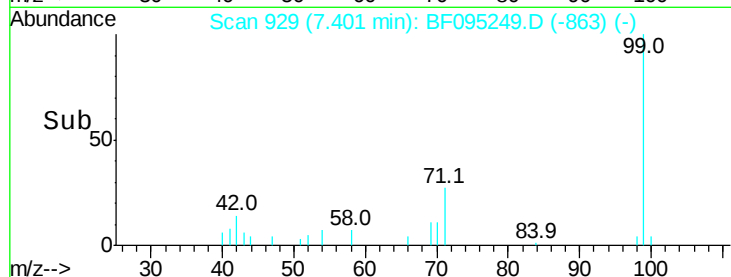
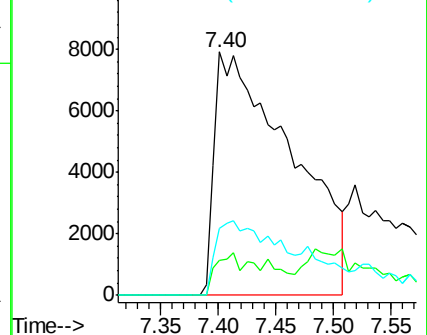
71 27.2 24.5 36.7



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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095249.D

Acq: 19 May 2017 6:12

Tgt Ion: 136 Resp: 398715

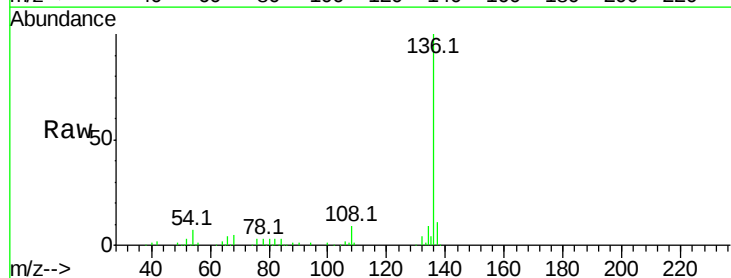
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

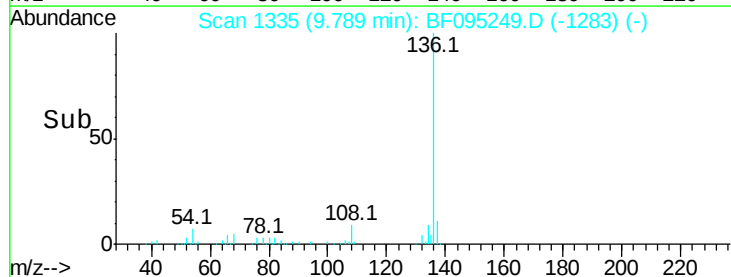
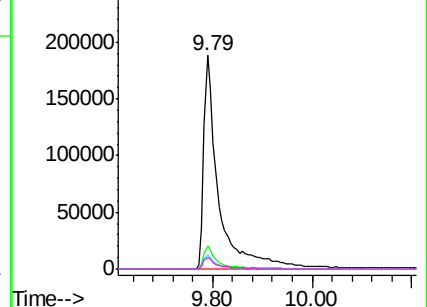


Abundance Ion 136.00 (135.70 to 136.70): E

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

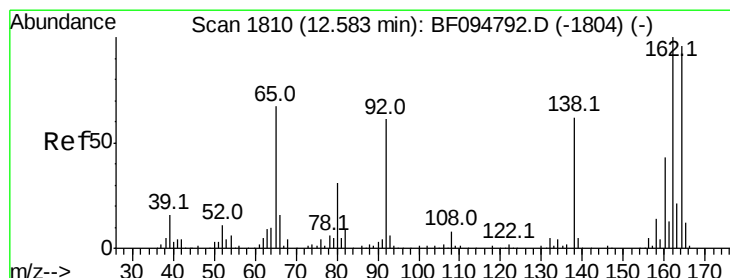
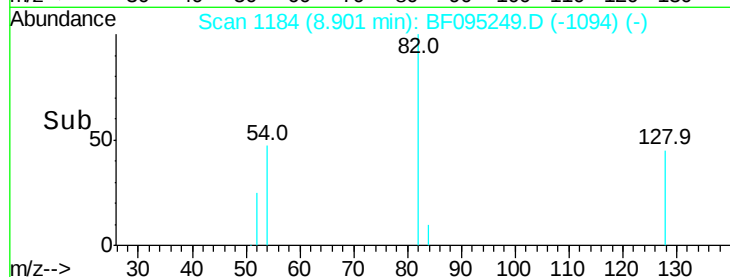
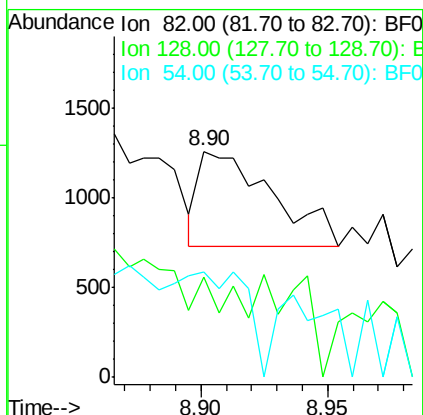
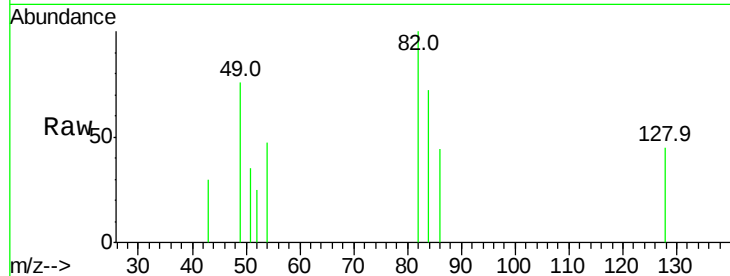




#23
 Nitrobenzene-d5
 Concen: 0.17 ng
 RT: 8.90 min Scan# 1184
 Delta R.T. 0.23 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

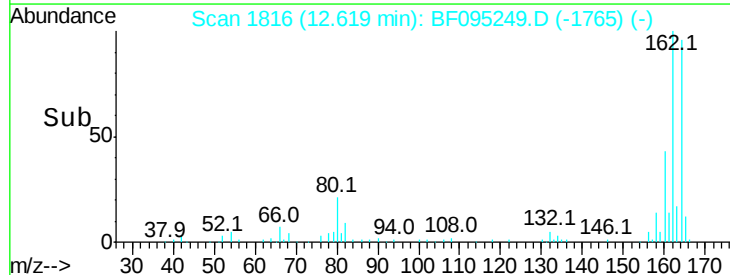
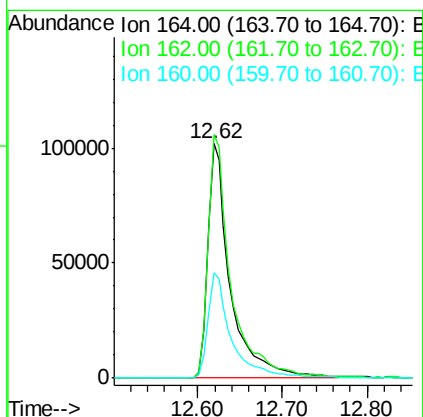
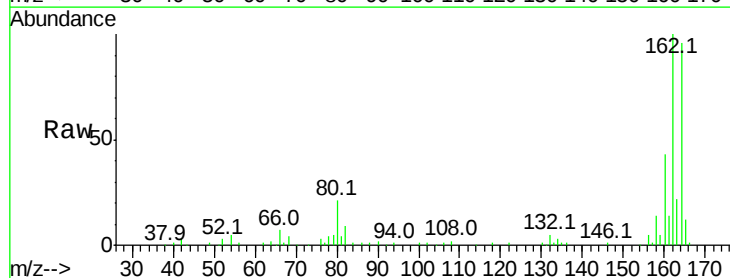
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1064
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.0 51.0
 54 46.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Tgt Ion:164 Resp: 190965
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 45.0 36.2 54.2

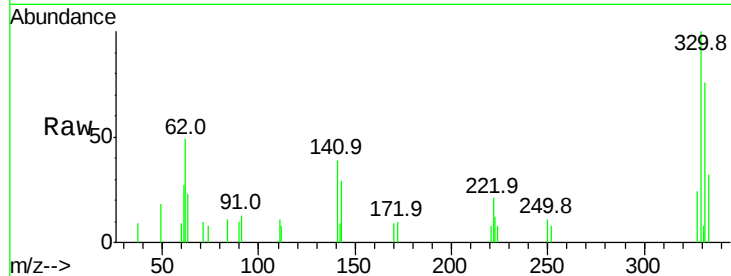




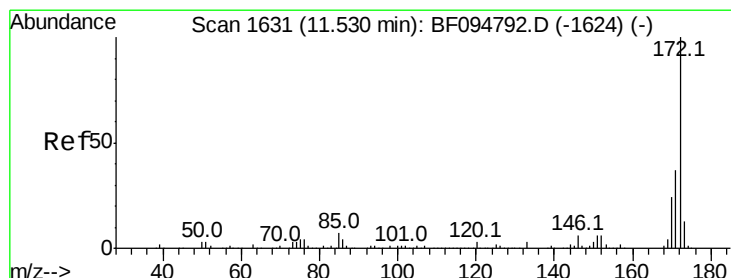
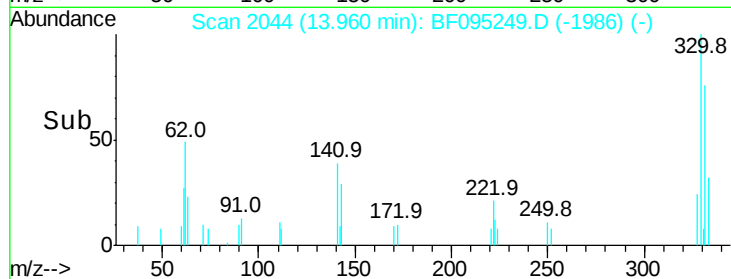
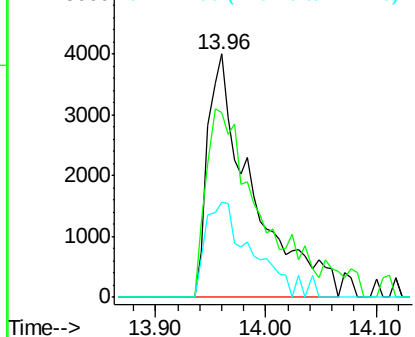
#41
 2,4,6-Tribromophenol
 Concen: 7.15 ng
 RT: 13.96 min Scan# 2044
 Delta R.T. 0.04 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 11189
 Ion Ratio Lower Upper
 330 100
 332 80.4 76.6 115.0
 141 38.9 31.4 47.2

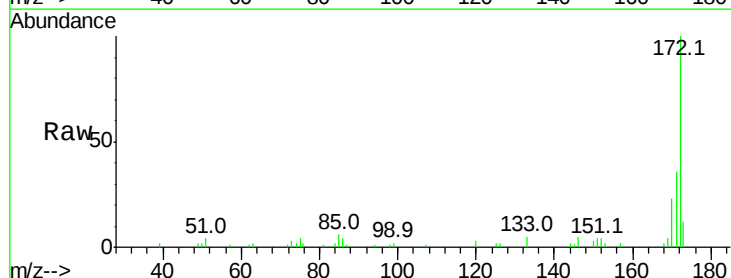


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

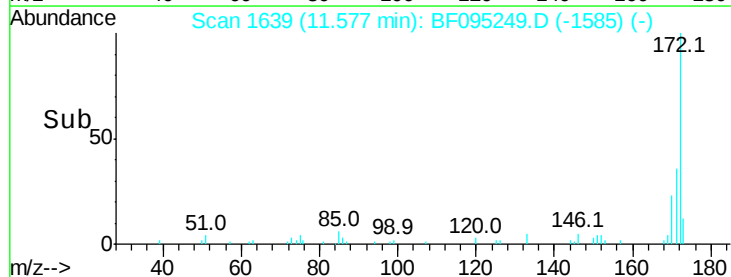
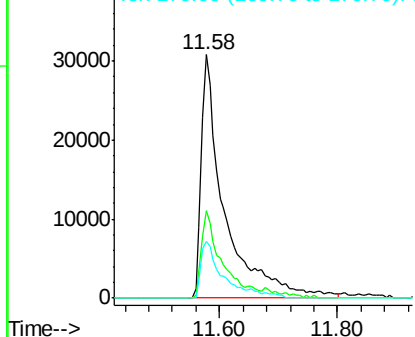


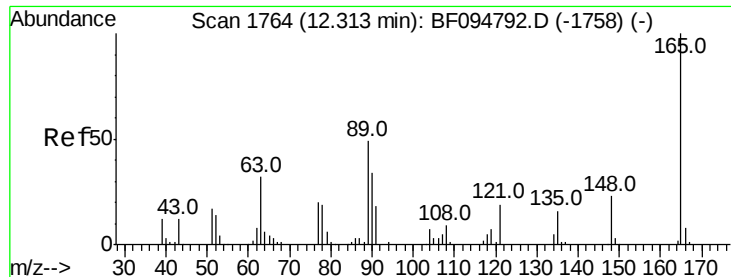
#44
 2-Fluorobiphenyl
 Concen: 6.32 ng
 RT: 11.58 min Scan# 1639
 Delta R.T. 0.02 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Tgt Ion:172 Resp: 83794
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.5 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

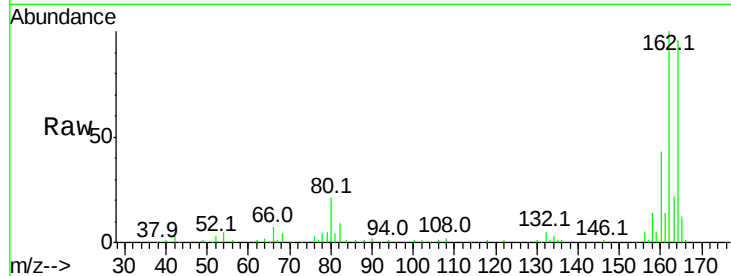




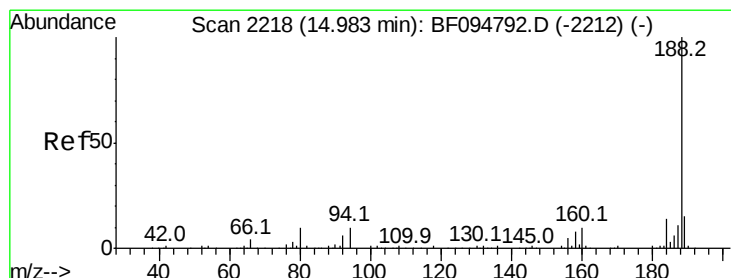
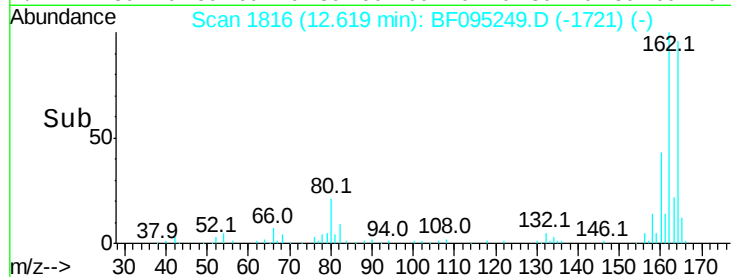
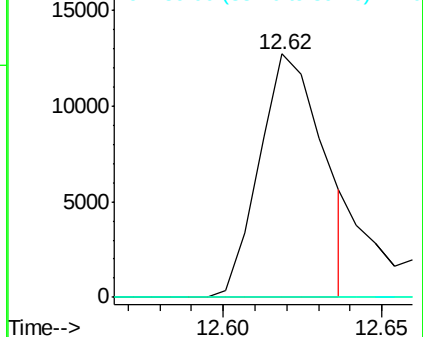
#50
 2,6-Dinitrotoluene
 Concen: 5.58 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17832
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

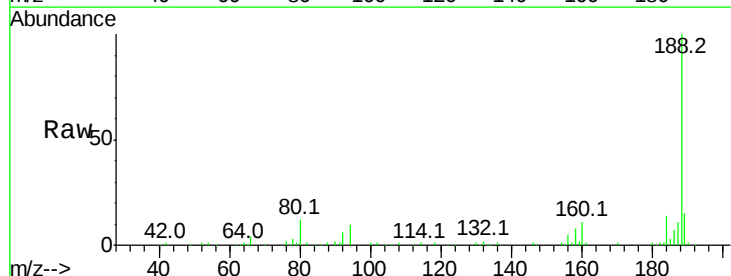


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

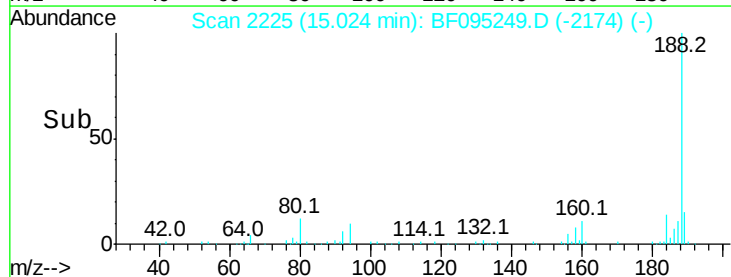
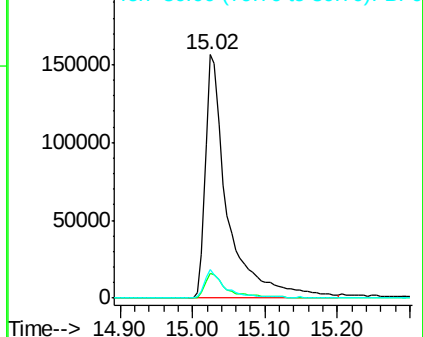


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Tgt Ion:188 Resp: 334007
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.6 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: 18.70 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BF095249.D

Acq: 19 May 2017 6:12

Instrument :

BNA_F

ClientSampled :

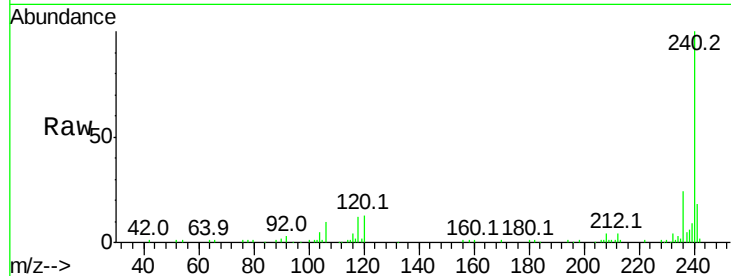
Tot Ion:240 Resp: 207050

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

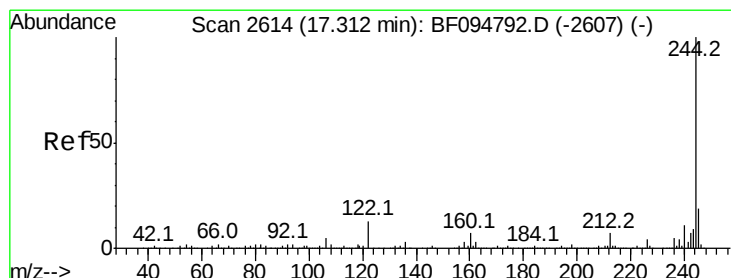
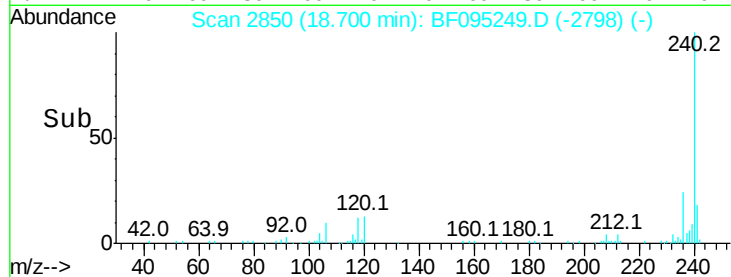
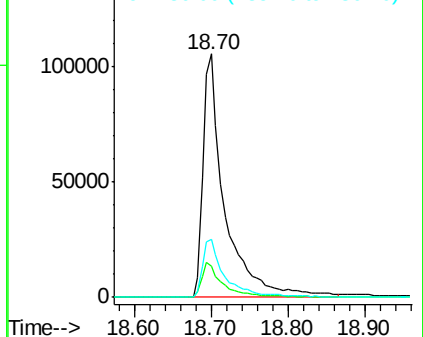
236 23.6 20.5 30.7



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: 6.51 ng

RT: 17.35 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BF095249.D

Acq: 19 May 2017 6:12

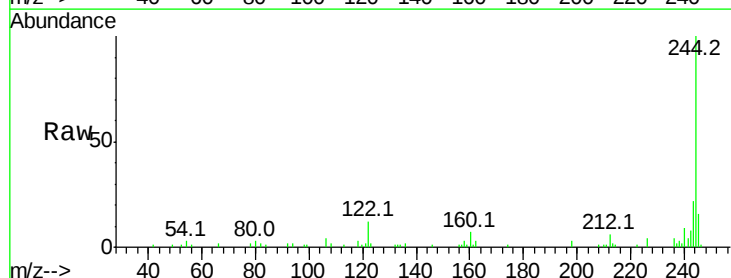
Tgt Ion:244 Resp: 61209

Ion Ratio Lower Upper

244 100

212 5.6 6.0 9.0#

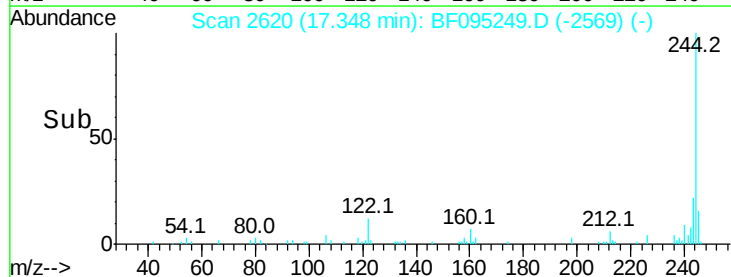
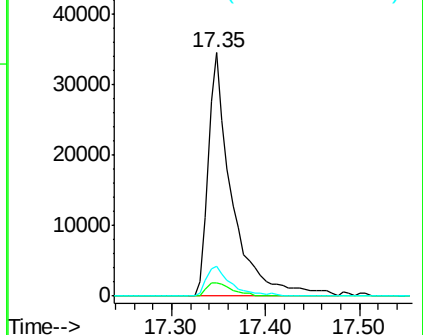
122 12.1 10.3 15.5

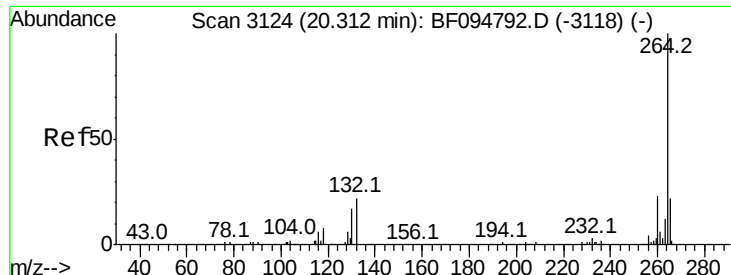


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

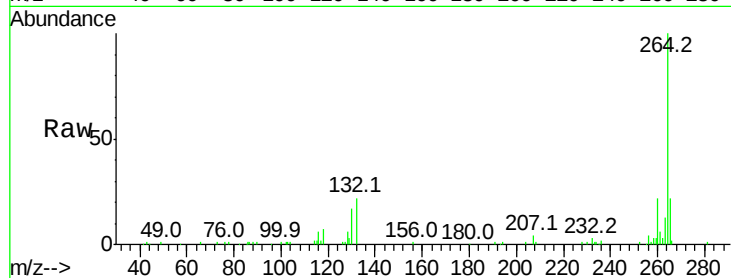




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	21.8	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

