

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095716.D
 Acq On : 6 Jun 2017 18:56
 Operator : SJ/MA
 Sample : I3469-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 02:46:29 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

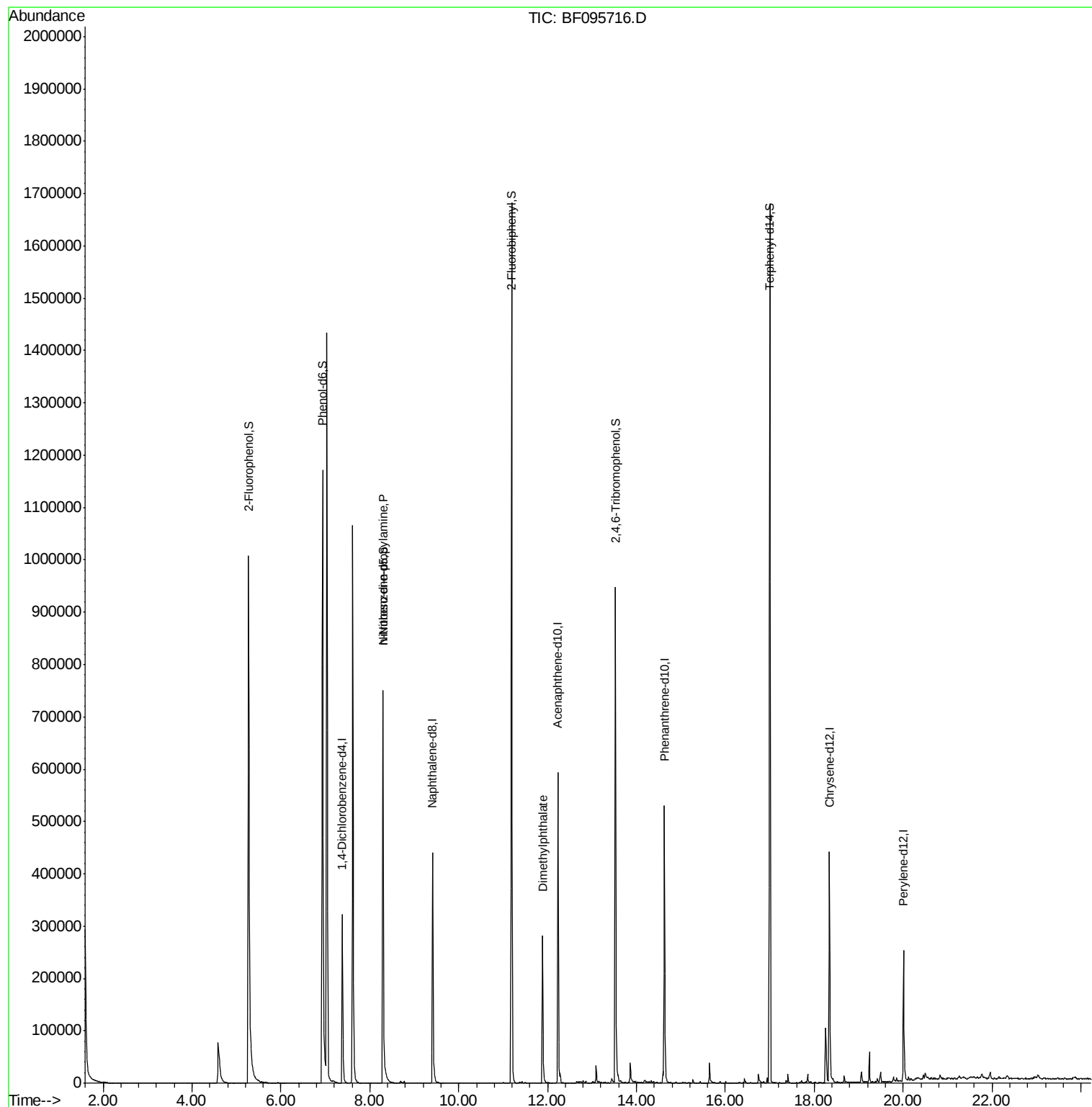
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79448	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	331858	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	165234	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	299463	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	207230	20.00	ng	-0.02
86) Perylene-d12	20.01	264	137161	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	582451	116.82	ng	-0.01
7) Phenol-d6	6.94	99	693351	116.16	ng	-0.02
23) Nitrobenzene-d5	8.30	82	414456	77.56	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	163376	111.75	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	823291	69.34	ng	-0.02
78) Terphenyl-d14	17.00	244	642899	76.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	52215	13.80	ng	Qvalue # 73
49) Dimethylphthalate	11.89	163	178148	14.20	ng	98

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

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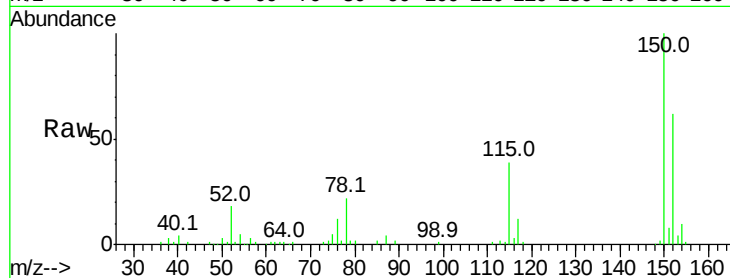


#1

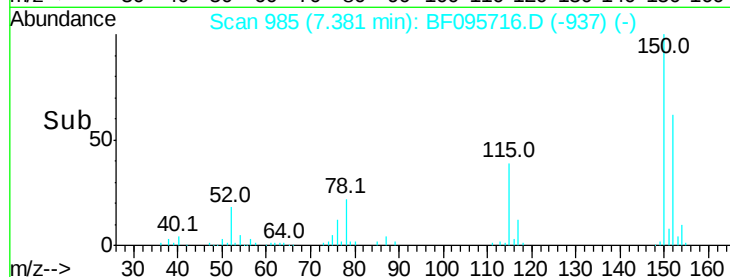
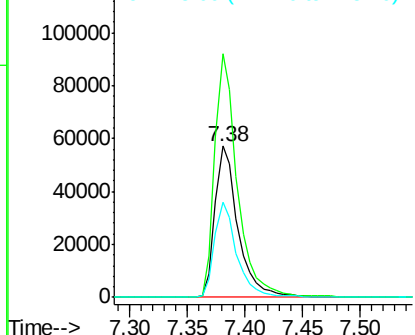
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095716.D
Acq: 6 Jun 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79448
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 63.1 52.2 78.2



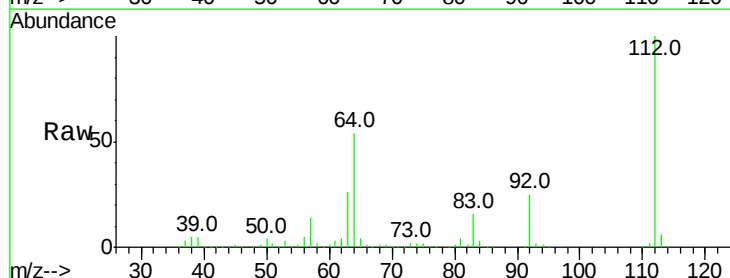
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



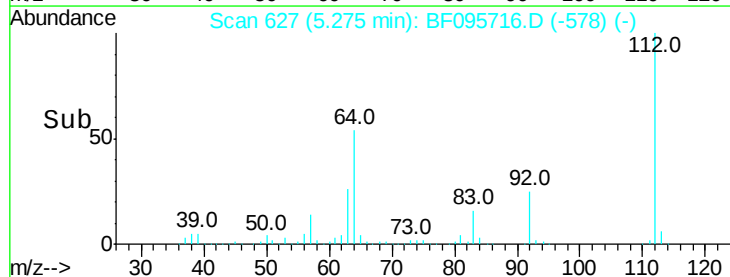
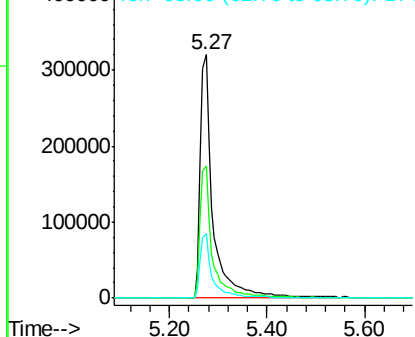
#5

2-Fluorophenol
Concen: 116.82 ng
RT: 5.27 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF095716.D
Acq: 6 Jun 2017 18:56

Tgt Ion:112 Resp: 582451
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 26.3 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: 116.16 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095716.D

Acq: 6 Jun 2017 18:56

Instrument :

BNA_F

ClientSampled :

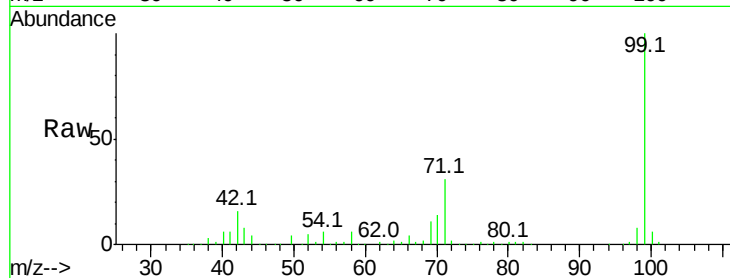
Tot Ion: 99 Resp: 693351

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

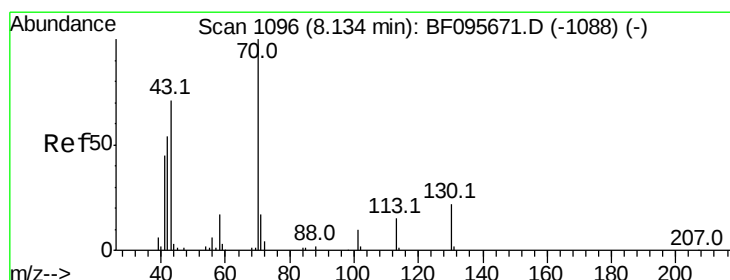
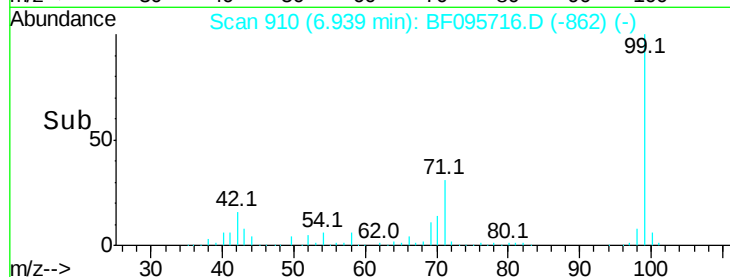
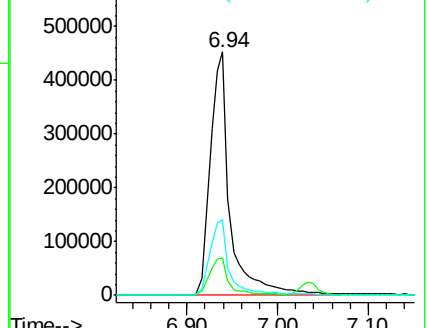
71 31.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.80 ng

RT: 8.30 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF095716.D

Acq: 6 Jun 2017 18:56

Tgt Ion: 70 Resp: 52215

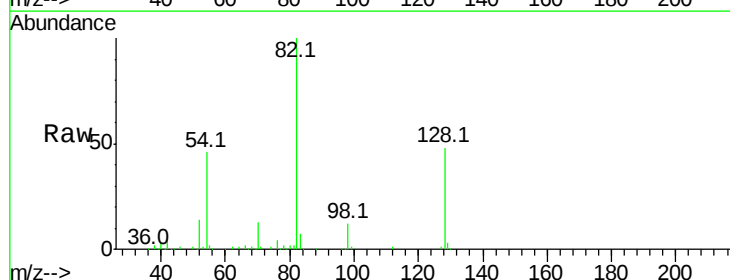
Ion Ratio Lower Upper

70 100

42 41.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

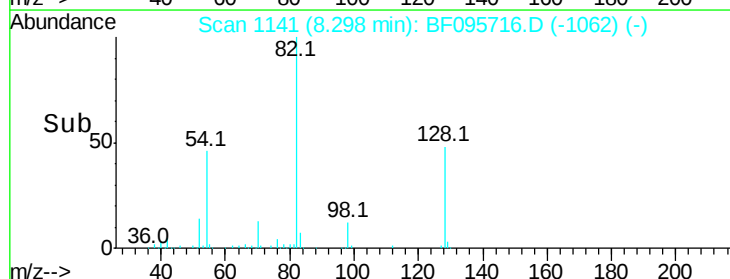
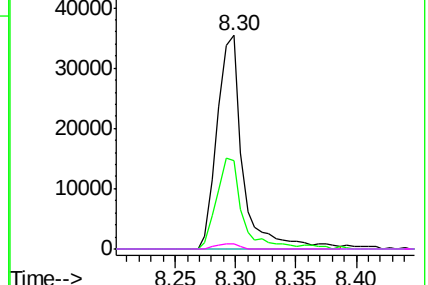


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.41 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF095716.D

Acq: 6 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 331858

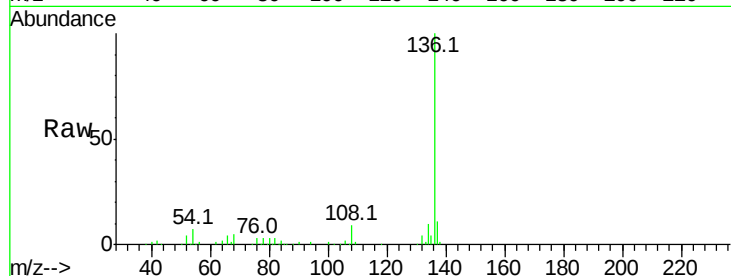
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

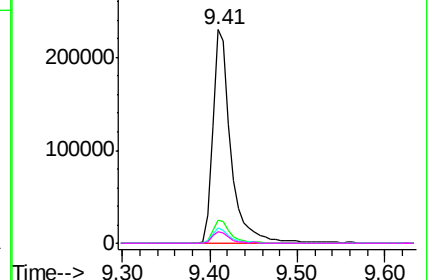
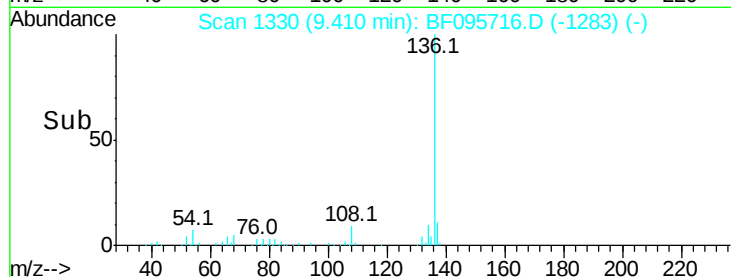


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.56 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095716.D

Acq: 6 Jun 2017 18:56

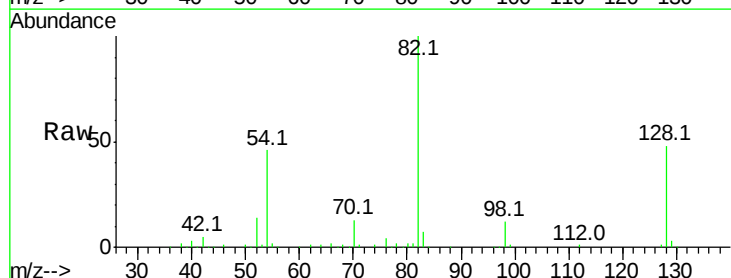
Tgt Ion: 82 Resp: 414456

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

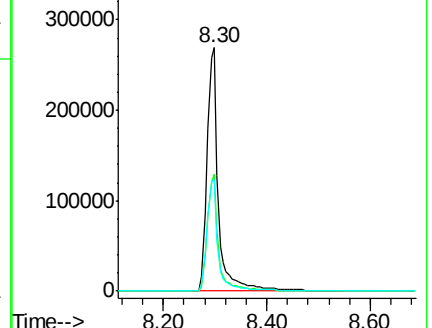
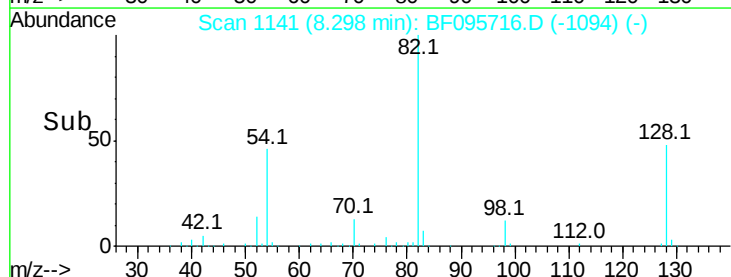
54 46.0 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

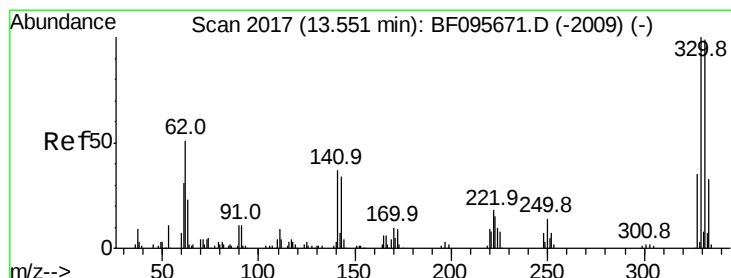
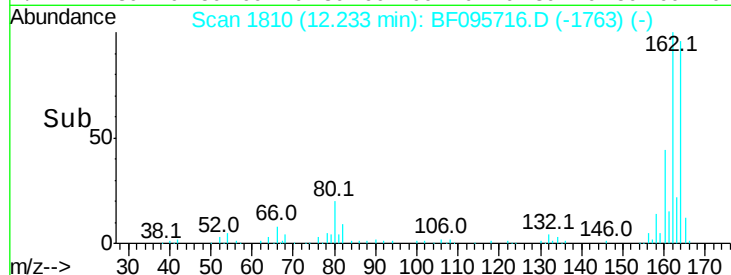
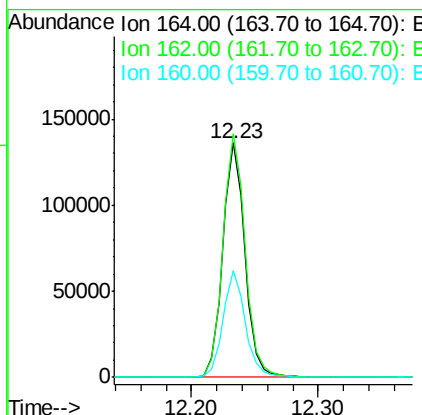
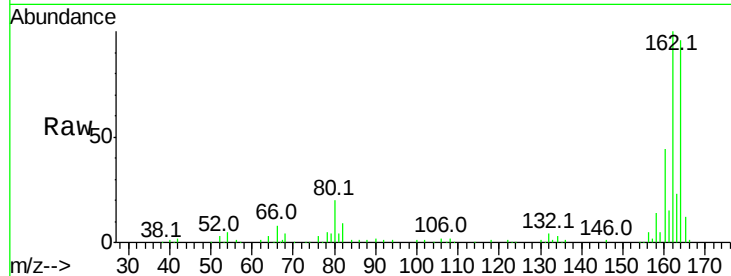




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.23 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF095716.D
 Acq: 6 Jun 2017 18:56

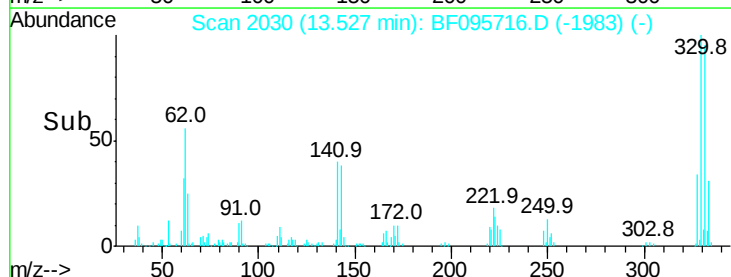
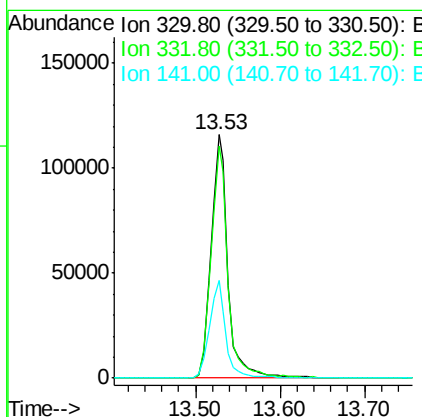
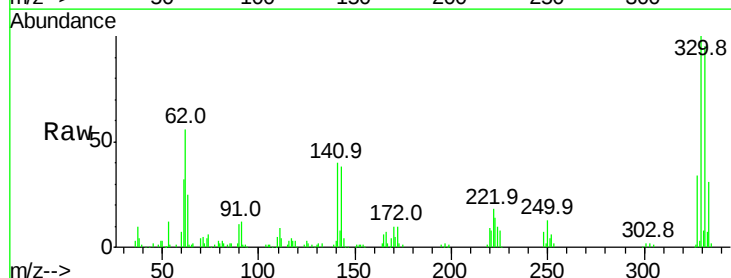
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 165234
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 45.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 111.75 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095716.D
 Acq: 6 Jun 2017 18:56

Tgt Ion:330 Resp: 163376
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 38.7 31.4 47.2

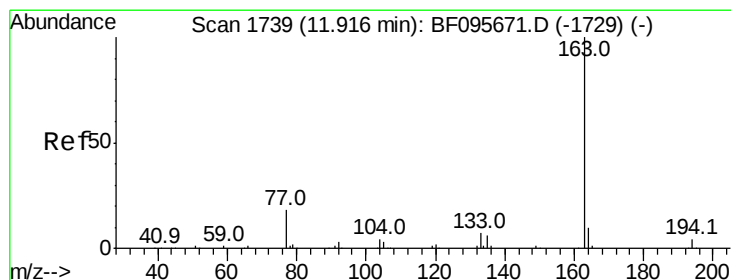
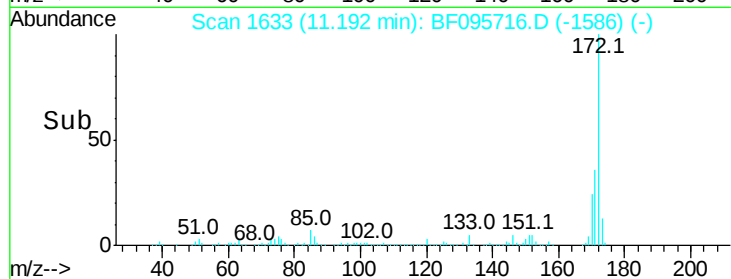
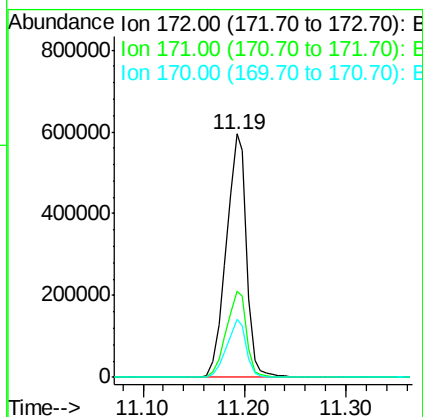
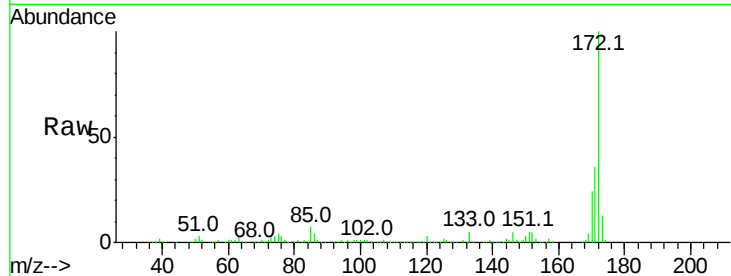




#44
2-Fluorobiphenyl
Concen: 69.34 ng
RT: 11.19 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095716.D
Acq: 6 Jun 2017 18:56

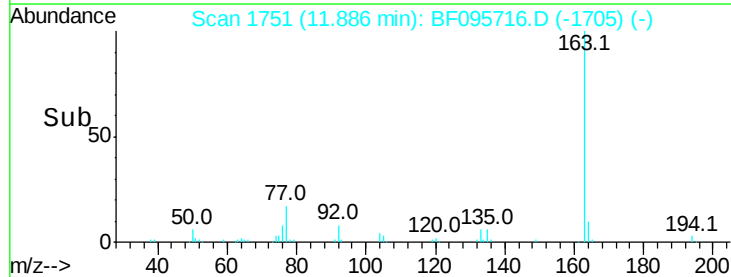
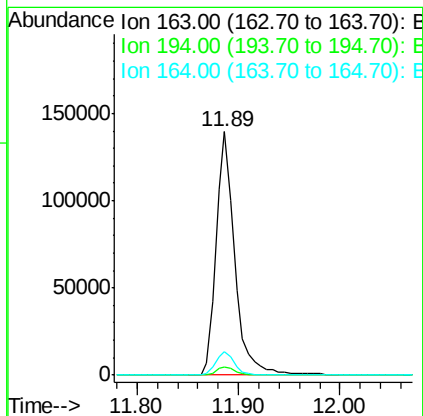
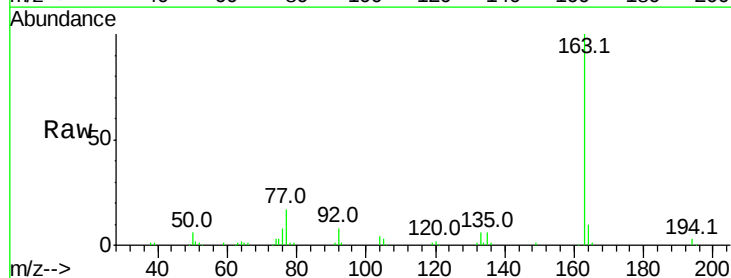
Instrument :
BNA_F
ClientSampleId :

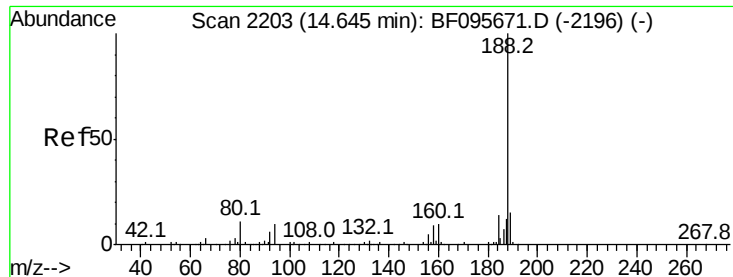
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.8	19.8	29.8



#49
Dimethylphthalate
Concen: 14.20 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095716.D
Acq: 6 Jun 2017 18:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BF095716.D

Acq: 6 Jun 2017 18:56

Instrument :

BNA_F

ClientSampled :

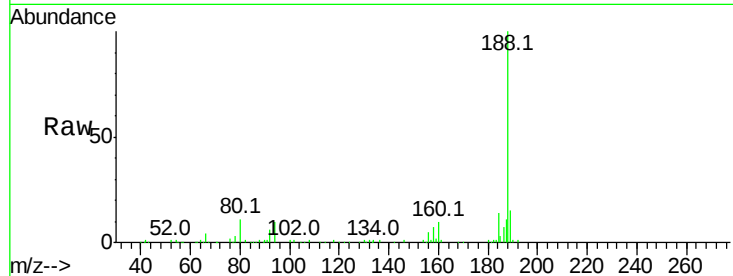
Tot Ion:188 Resp: 299463

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

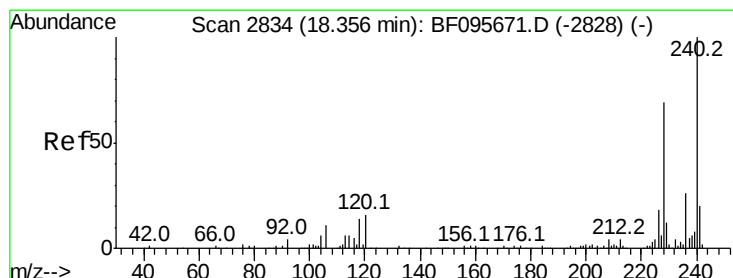
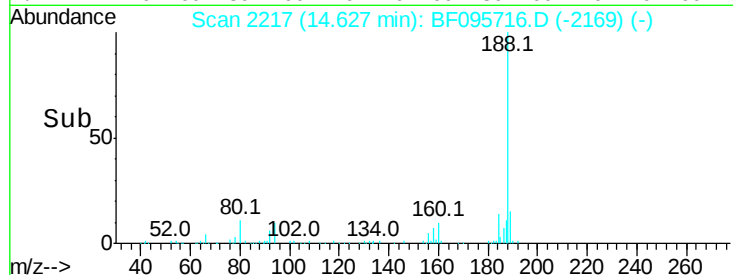
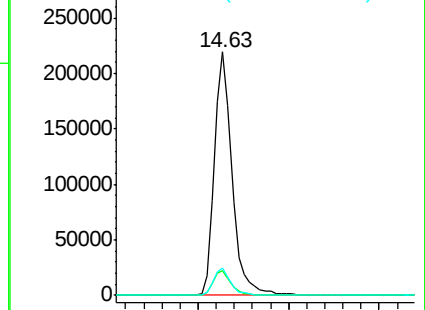
80 11.2 10.2 15.2



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: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095716.D

Acq: 6 Jun 2017 18:56

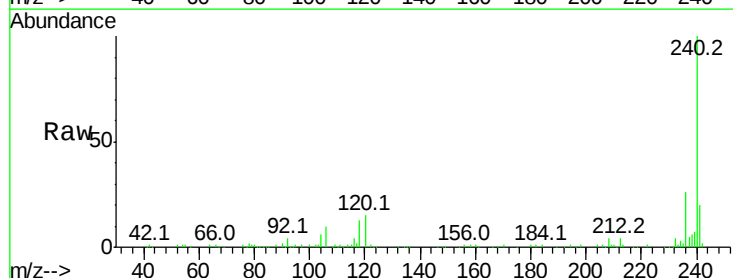
Tgt Ion:240 Resp: 207230

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

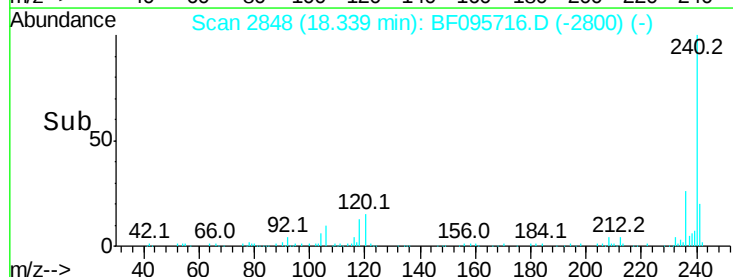
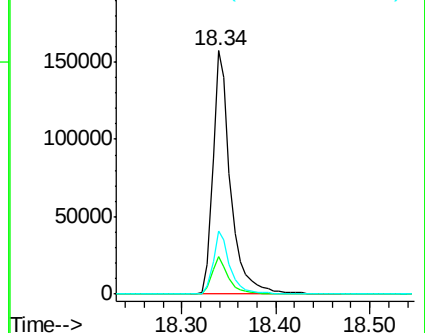
236 26.0 20.5 30.7

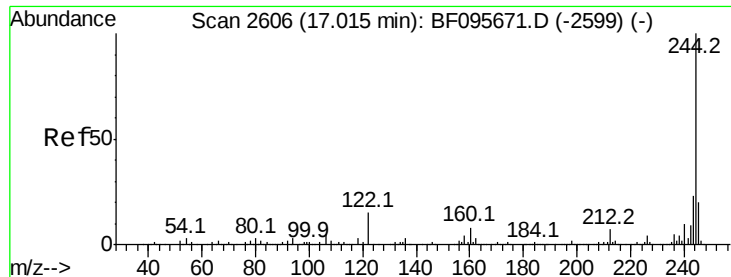


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

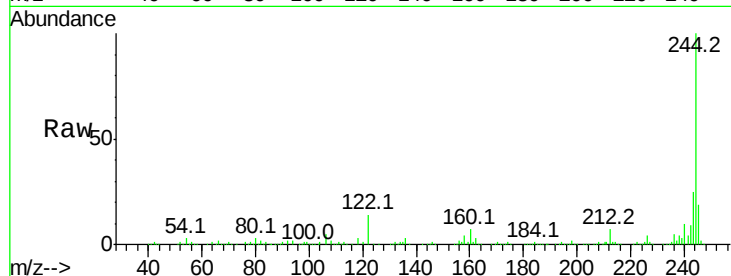




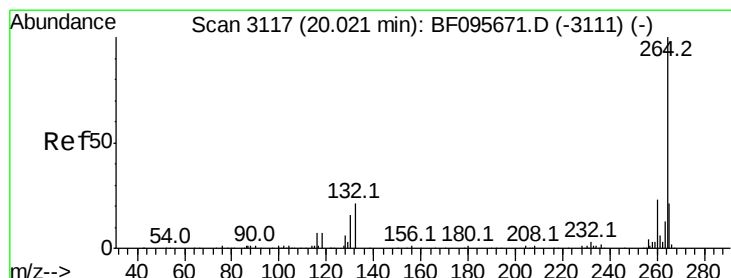
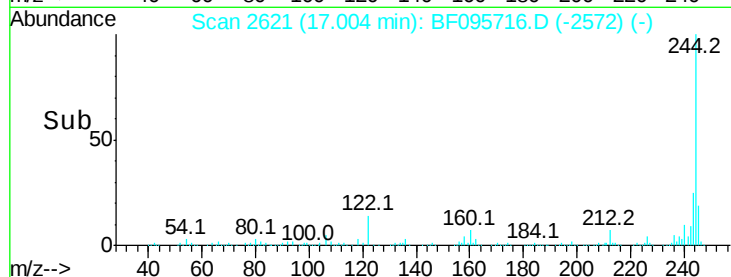
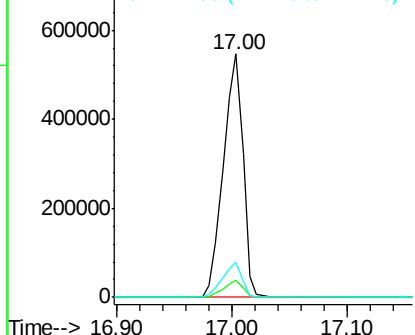
#78
 Terphenyl-d14
 Concen: 76.99 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095716.D
 Acq: 6 Jun 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 642899
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.5 10.3 15.5

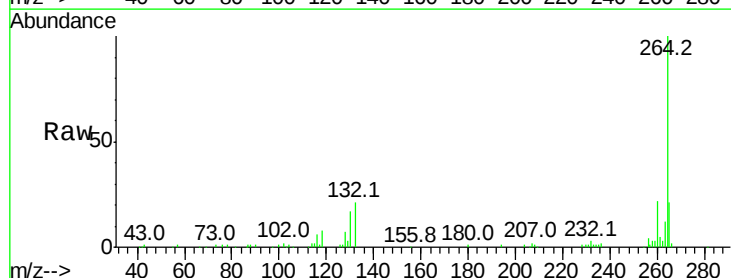


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095716.D
 Acq: 6 Jun 2017 18:56

Tgt Ion:264 Resp: 137161
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.5 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

