

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096082.D
 Acq On : 21 Jun 2017 13:55
 Operator : SJ/MA
 Sample : I3759-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617

Quant Time: Jun 21 16:20:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	75664	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	308473	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	141934	20.00	ng	-0.01
63) Phenanthrene-d10	14.53	188	270926	20.00	ng	0.00
75) Chrysene-d12	18.27	240	217891	20.00	ng	0.00
86) Perylene-d12	19.94	264	110402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	616864	129.91	ng	0.02
7) Phenol-d6	6.87	99	687287	120.90	ng	0.00
23) Nitrobenzene-d5	8.21	82	413099	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	161976	128.98	ng	-0.01
44) 2-Fluorobiphenyl	11.10	172	830497	81.43	ng	-0.01
78) Terphenyl-d14	16.93	244	810268	92.29	ng	0.00

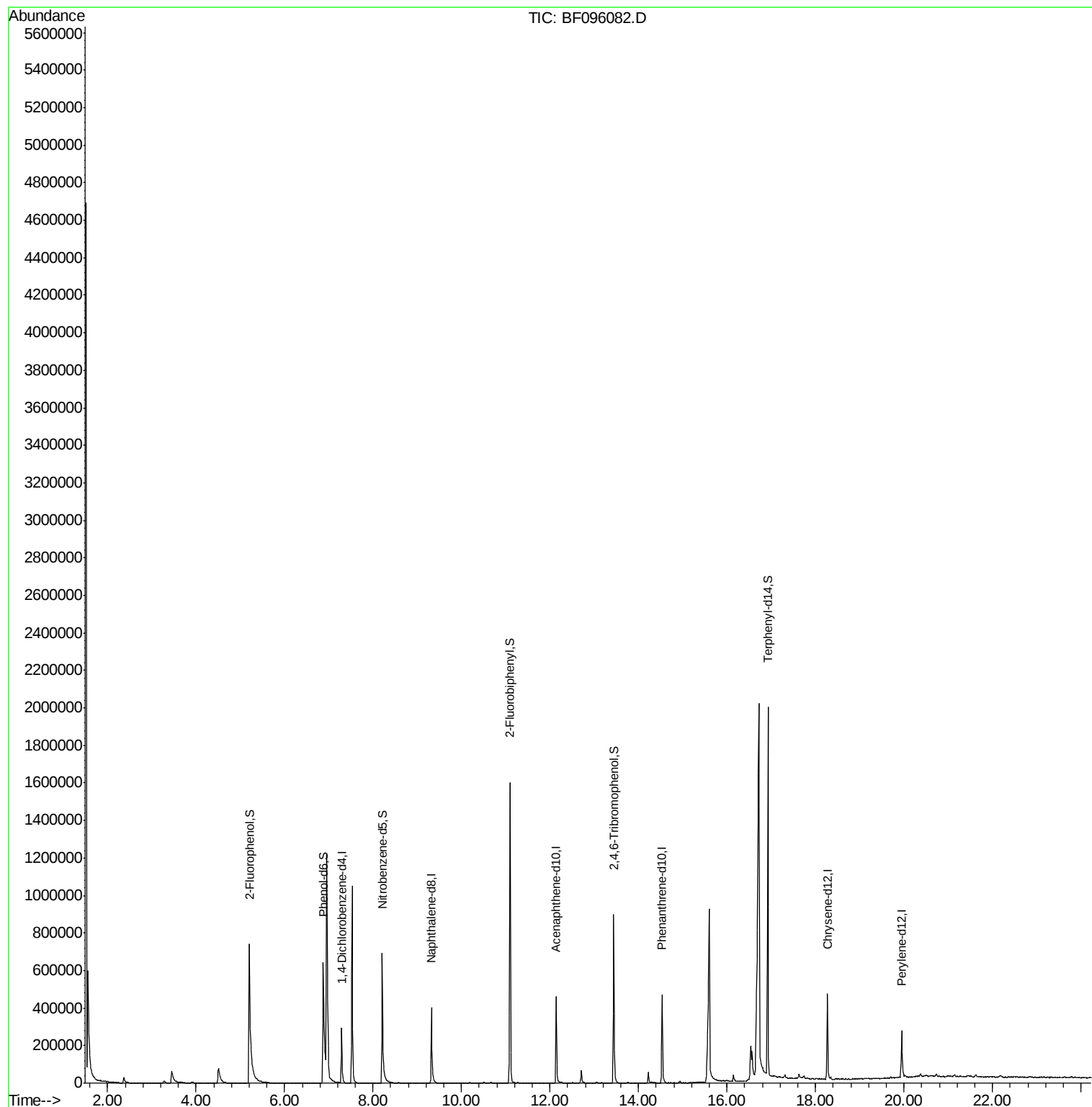
Target Compounds Qvalue

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

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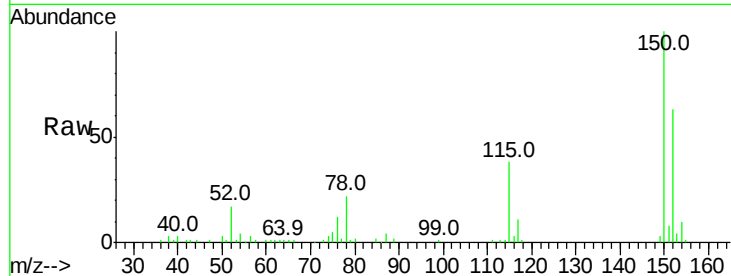


#1

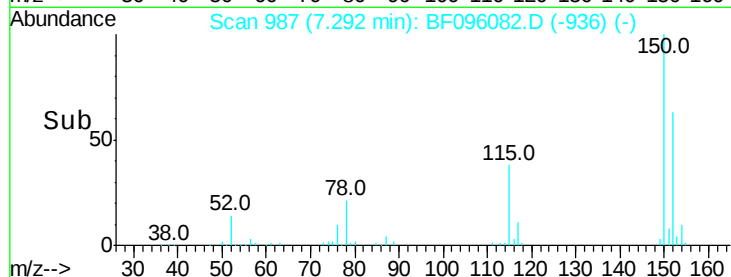
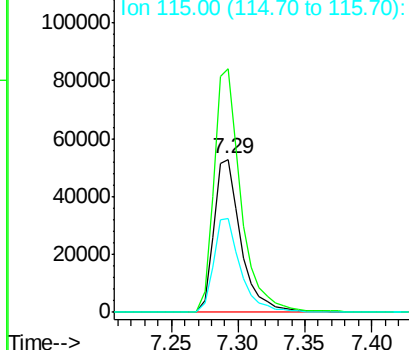
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096082.D
Acq: 21 Jun 2017 13:55

Instrument :
BNA_F
ClientSampleId :
SU-02-061617

Tot Ion:152 Resp: 75664
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 61.1 52.2 78.2



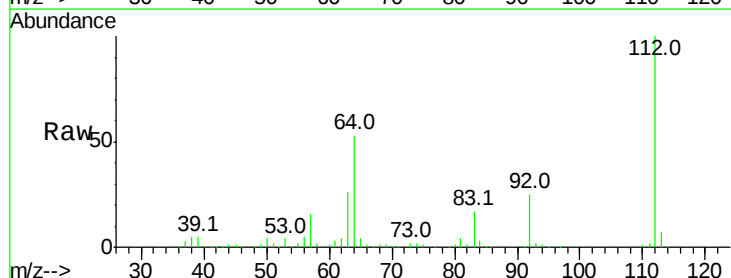
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



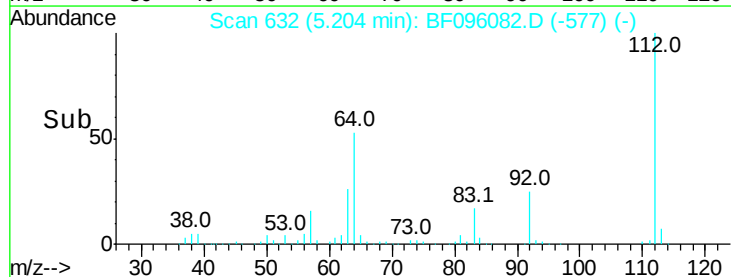
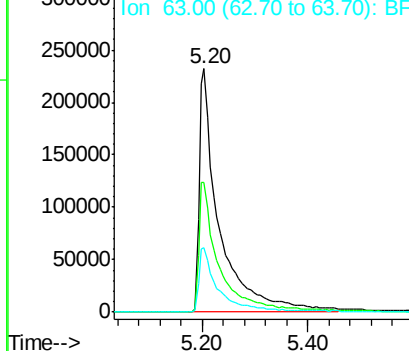
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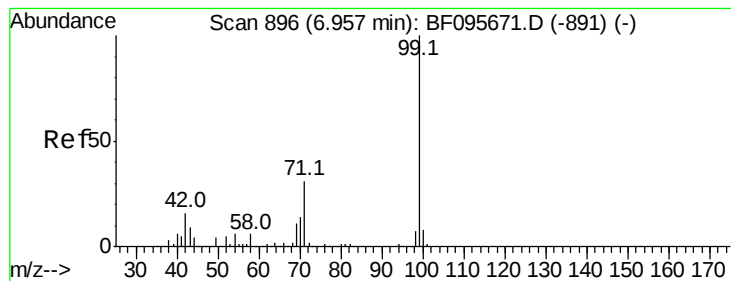
2-Fluorophenol
Concen: 129.91 ng
RT: 5.20 min Scan# 632
Delta R.T. 0.02 min
Lab File: BF096082.D
Acq: 21 Jun 2017 13:55

Tgt Ion:112 Resp: 616864
Ion Ratio Lower Upper
112 100
64 53.5 46.0 69.0
63 26.4 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: 120.90 ng

RT: 6.87 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

Instrument :

BNA_F

ClientSampleId :

SU-02-061617

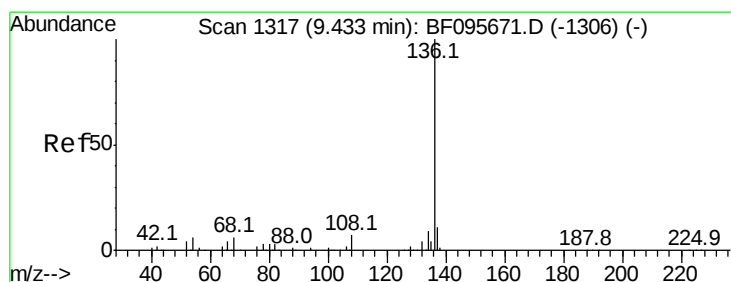
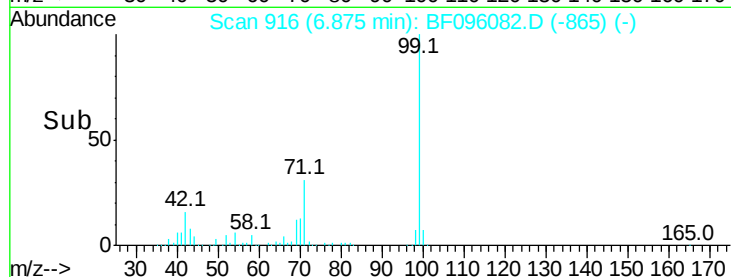
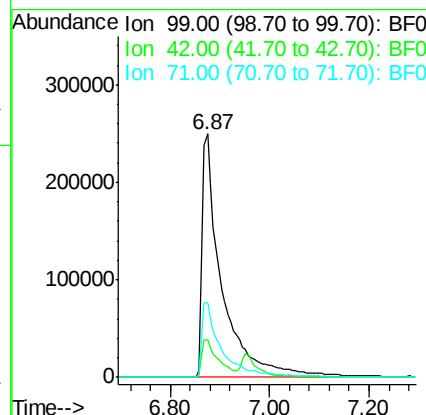
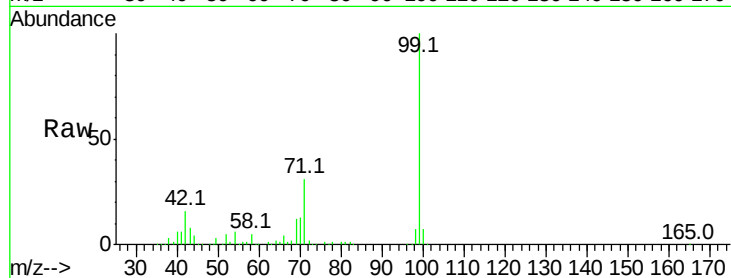
Tot Ion: 99 Resp: 687287

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 30.9 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

Tgt Ion: 136 Resp: 308473

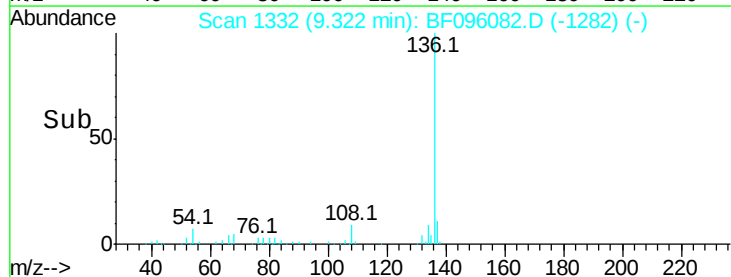
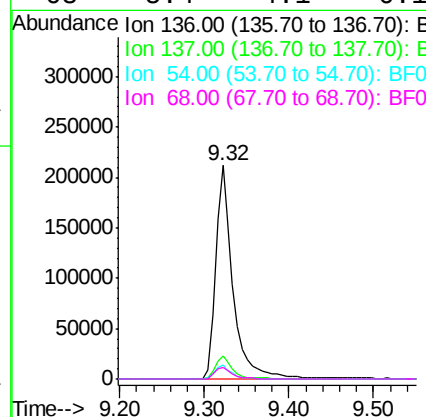
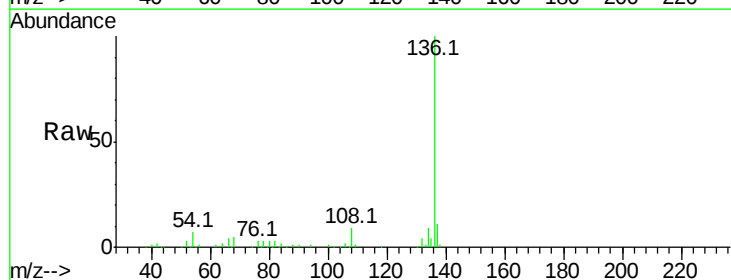
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

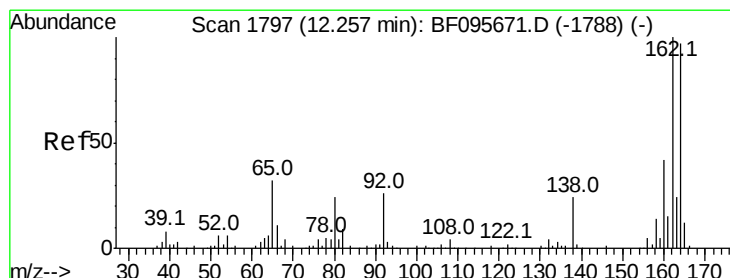
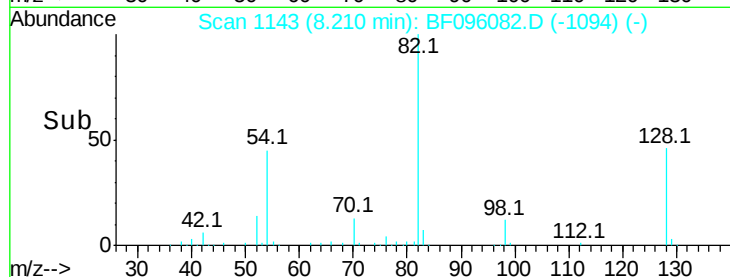
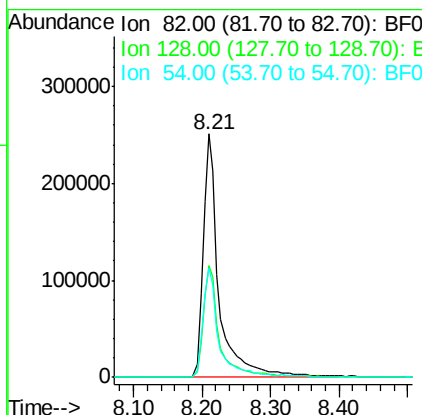
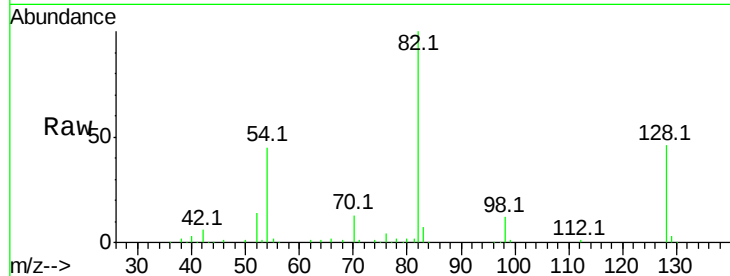




#23
 Nitrobenzene-d5
 Concen: 83.17 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

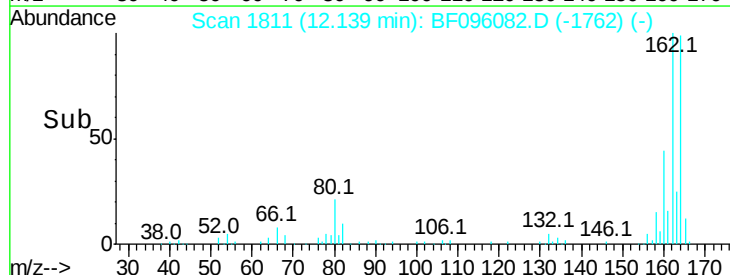
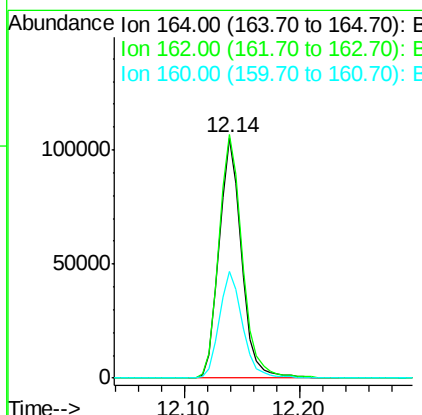
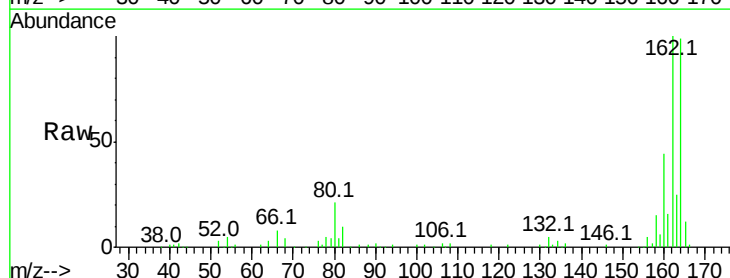
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617

Tot Ion: 82 Resp: 413099
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 44.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

Tgt Ion:164 Resp: 141934
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 44.2 36.2 54.2

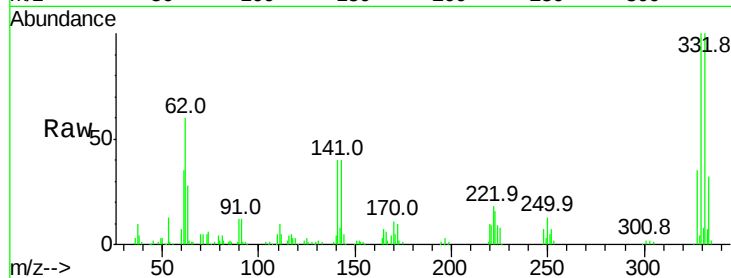




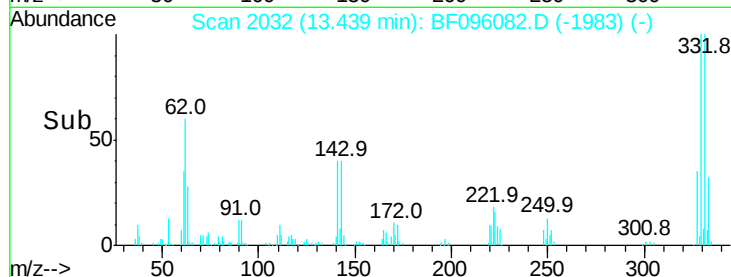
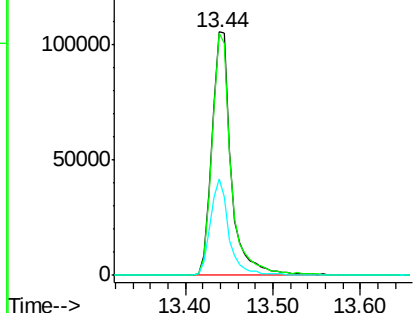
#41
 2,4,6-Tribromophenol
 Concen: 128.98 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617

Tot Ion:330 Resp: 161976
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 38.0 31.4 47.2

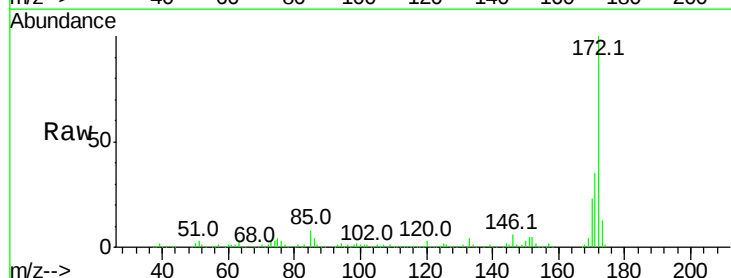


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

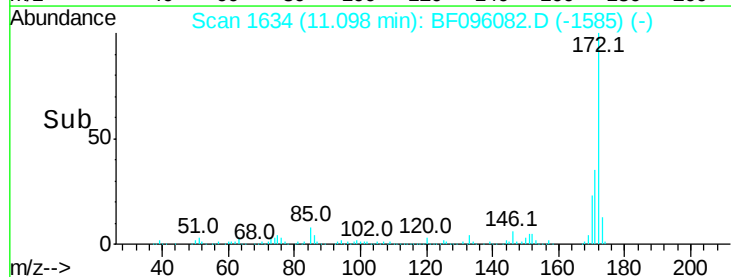
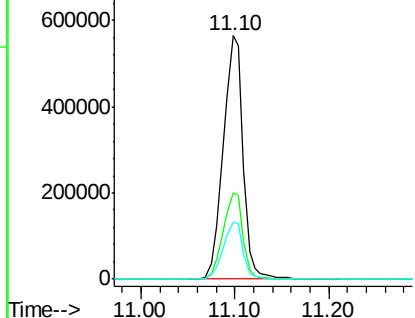


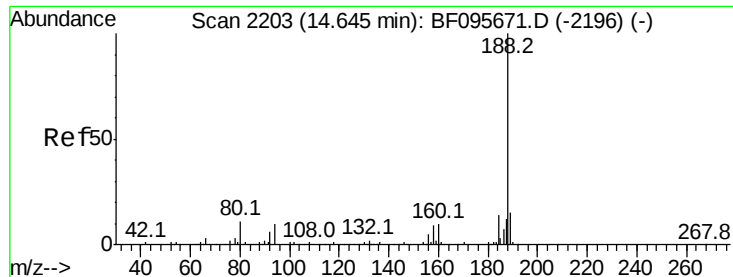
#44
 2-Fluorobiphenyl
 Concen: 81.43 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096082.D
 Acq: 21 Jun 2017 13:55

Tgt Ion:172 Resp: 830497
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.2 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

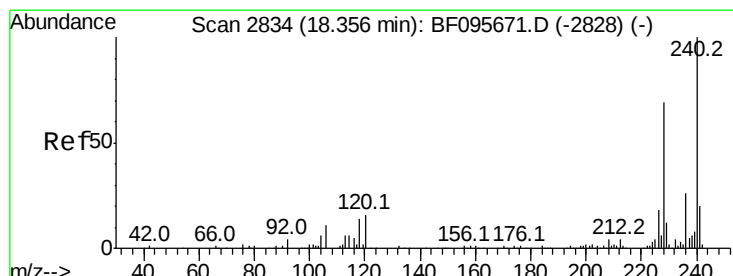
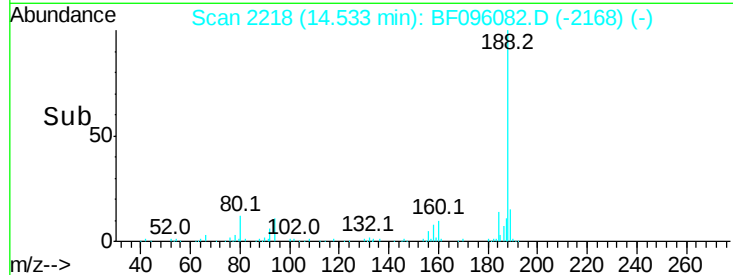
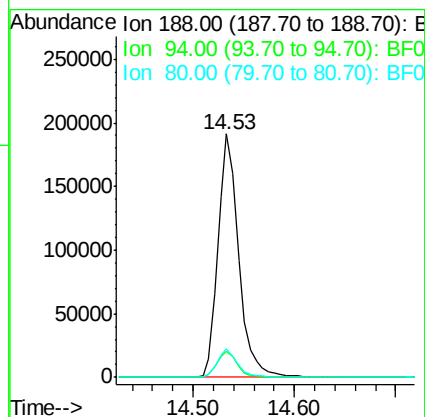
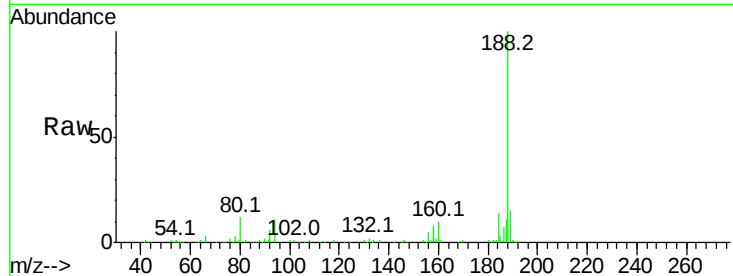




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096082.D
Acq: 21 Jun 2017 13:55

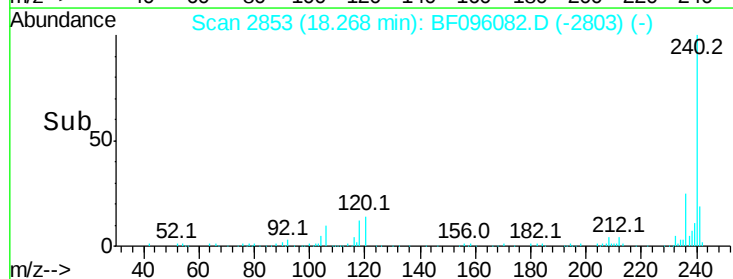
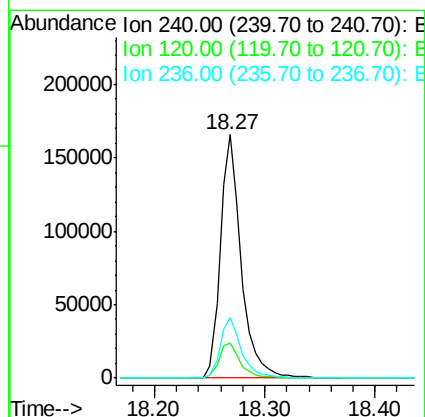
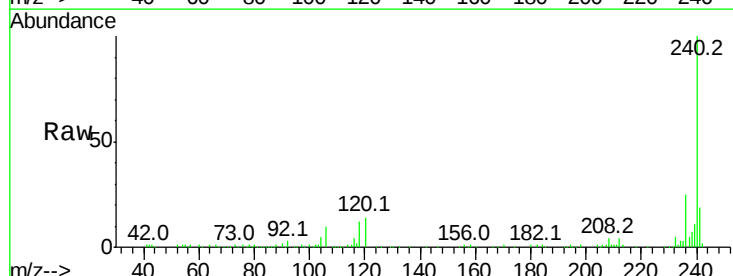
Instrument :
BNA_F
ClientSampleId :
SU-02-061617

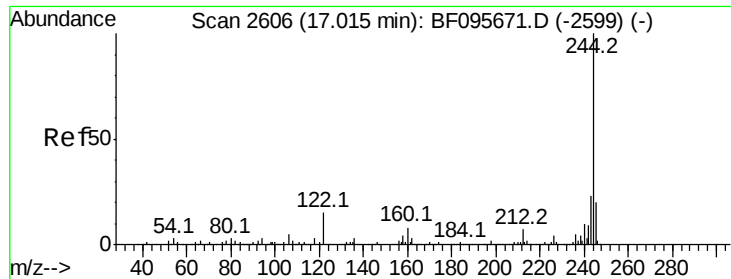
Tot Ion:188 Resp: 270926
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096082.D
Acq: 21 Jun 2017 13:55

Tgt Ion:240 Resp: 217891
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.0 20.5 30.7





#78

Terphenyl-d14

Concen: 92.29 ng

RT: 16.93 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

Instrument :

BNA_F

ClientSampleId :

SU-02-061617

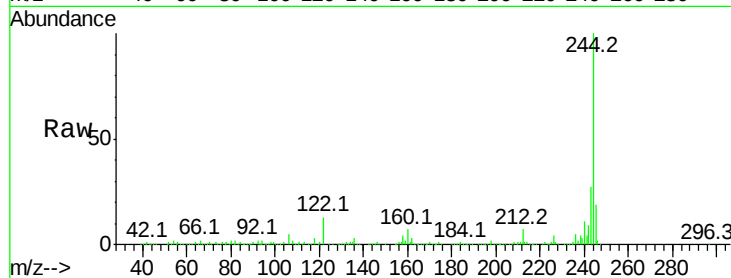
Tot Ion:244 Resp: 810268

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

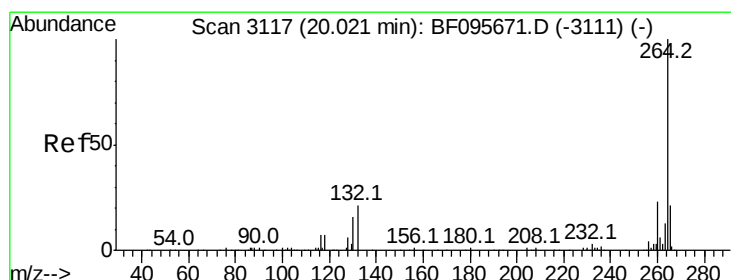
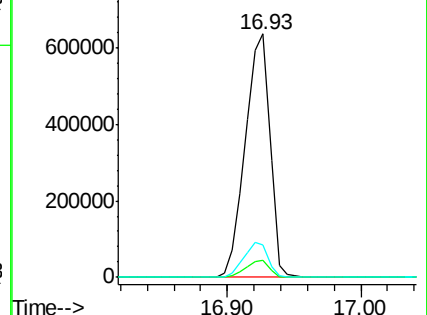
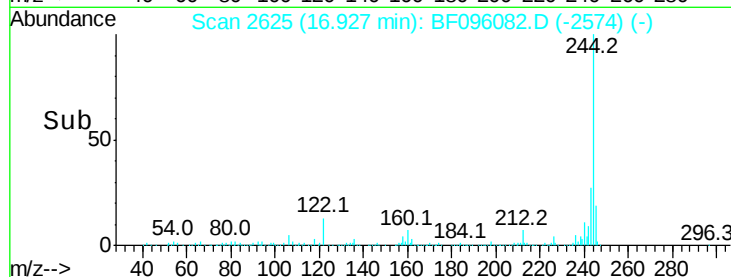
122 13.3 10.3 15.5



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: 19.94 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BF096082.D

Acq: 21 Jun 2017 13:55

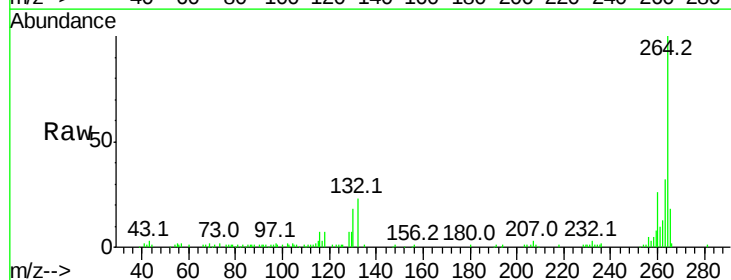
Tgt Ion:264 Resp: 110402

Ion Ratio Lower Upper

264 100

260 26.5 19.5 29.3

265 18.0 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

