

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095980.D
 Acq On : 17 Jun 2017 5:30
 Operator : SJ/MA
 Sample : I3693-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-B

Quant Time: Jun 17 06:07:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63703	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	261336	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	112823	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	172141	20.00	ng	0.00
75) Chrysene-d12	18.29	240	121528	20.00	ng	0.00
86) Perylene-d12	19.96	264	115371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	525711	131.50	ng	0.02
7) Phenol-d6	6.90	99	579615	121.11	ng	-0.01
23) Nitrobenzene-d5	8.24	82	414798	98.57	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	128280	128.51	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	787110	97.08	ng	0.00
78) Terphenyl-d14	16.94	244	470671	96.12	ng	-0.01

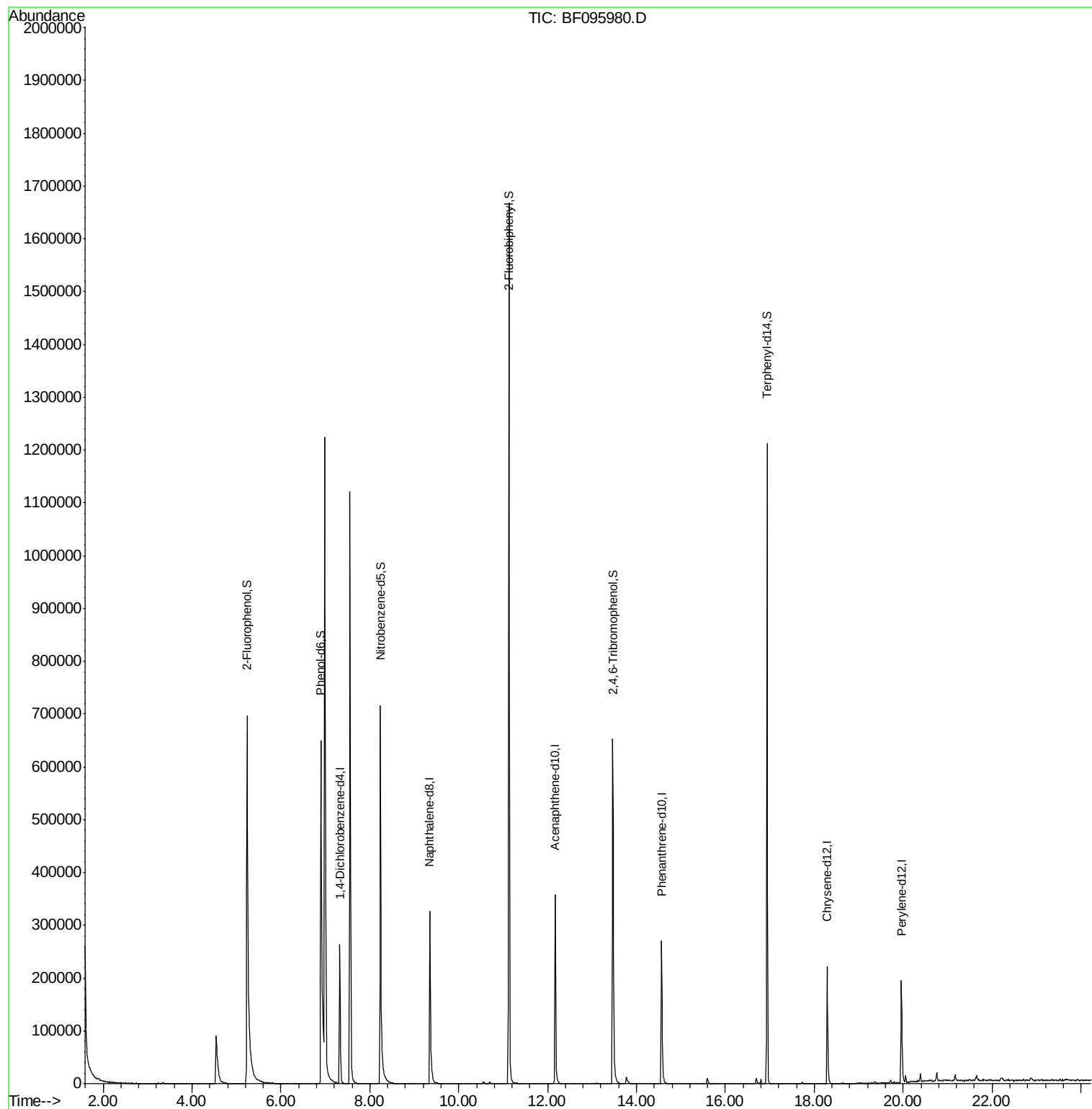
Target Compounds Qvalue

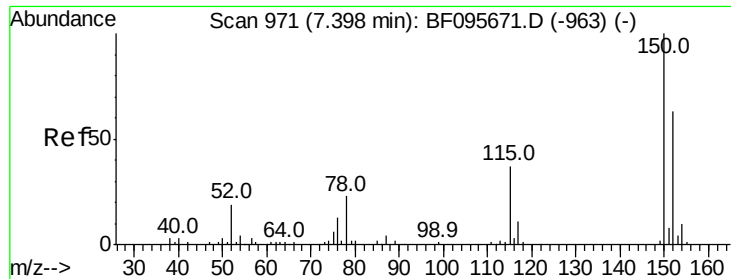
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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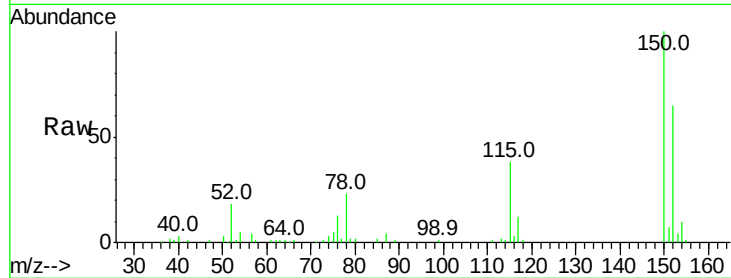


#1

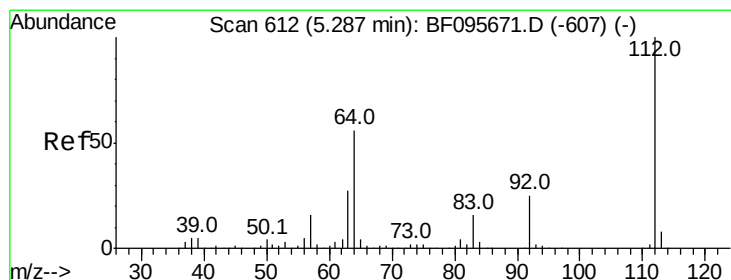
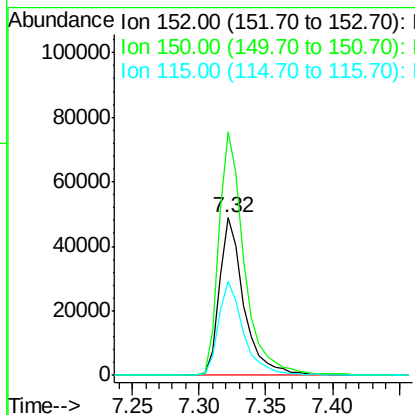
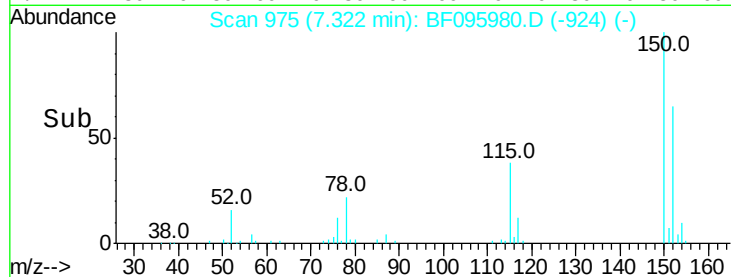
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095980.D
Acq: 17 Jun 2017 5:30

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tot Ion:152 Resp: 63703
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 59.4 52.2 78.2



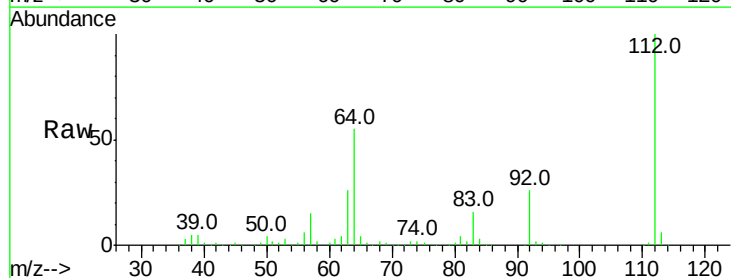
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



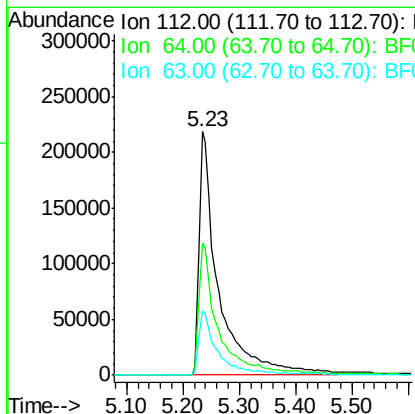
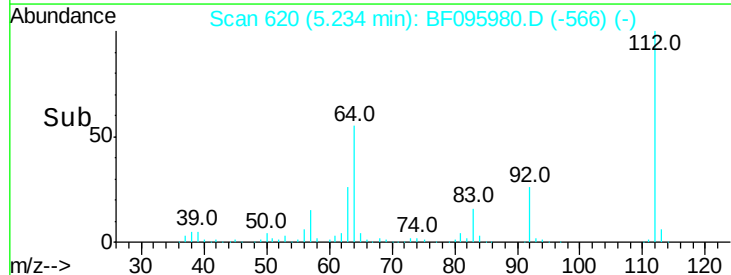
#5

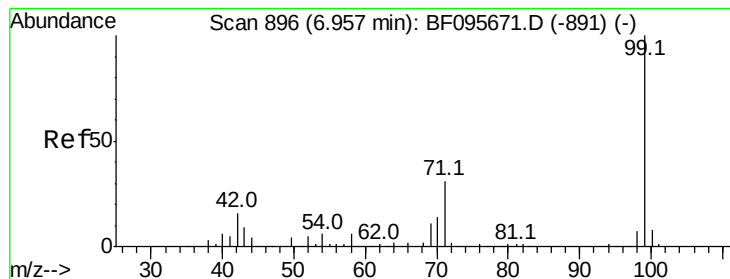
2-Fluorophenol
Concen: 131.50 ng
RT: 5.23 min Scan# 620
Delta R.T. 0.02 min
Lab File: BF095980.D
Acq: 17 Jun 2017 5:30

Tgt Ion:112 Resp: 525711
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 26.2 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: 121.11 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095980.D

Acq: 17 Jun 2017 5:30

Instrument :

BNA_F

ClientSampleId :

PL-01-061417-B

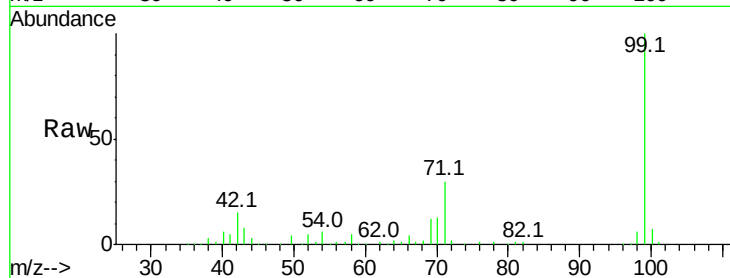
Tot Ion: 99 Resp: 579615

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

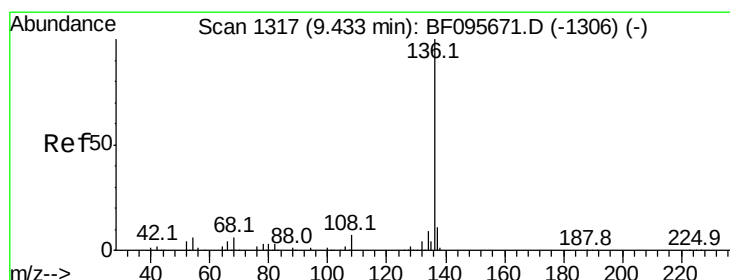
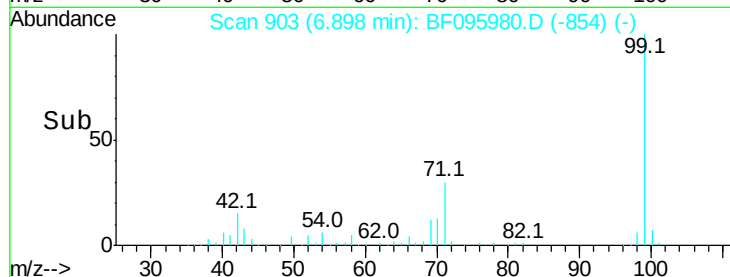
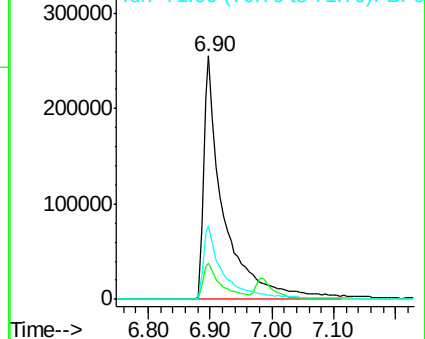
71 30.4 24.5 36.7



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: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095980.D

Acq: 17 Jun 2017 5:30

Tgt Ion: 136 Resp: 261336

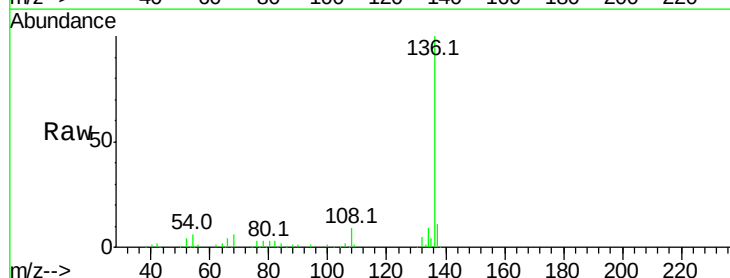
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.2 4.9 7.3

68 5.6 4.1 6.1

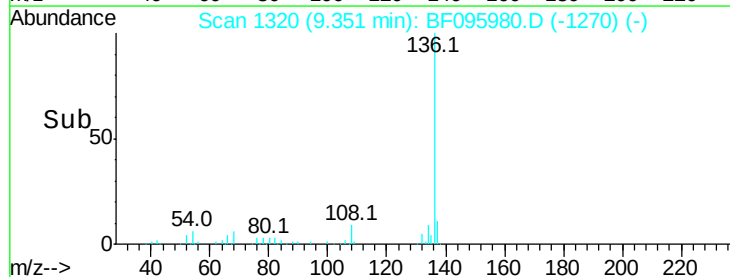
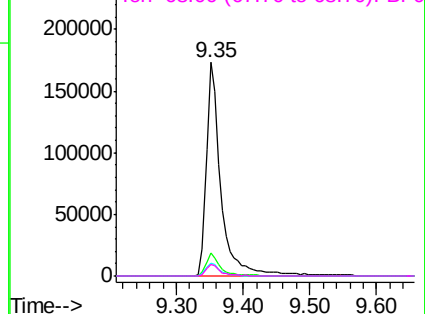


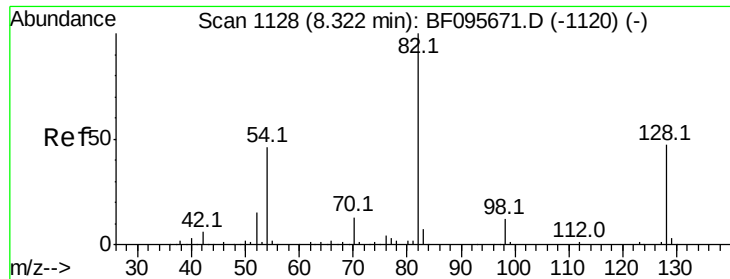
Abundance Ion 136.00 (135.70 to 136.70): E

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

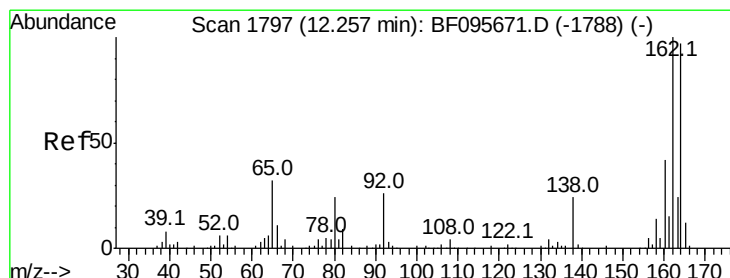
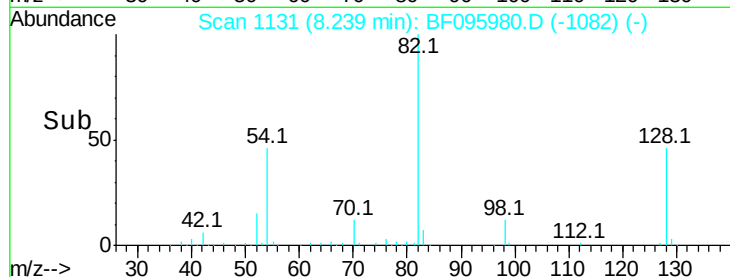
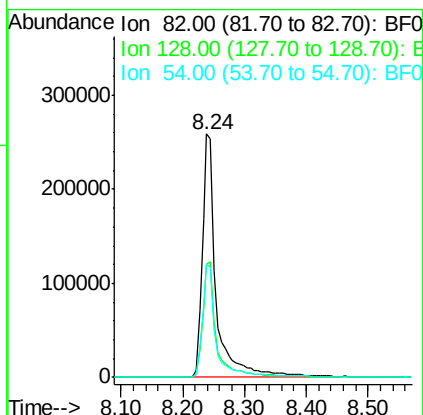
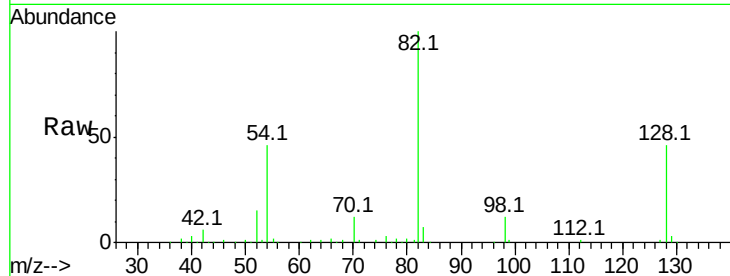




#23
Nitrobenzene-d5
Concen: 98.57 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095980.D
Acq: 17 Jun 2017 5:30

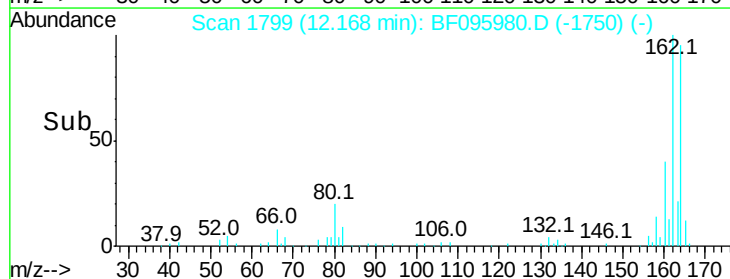
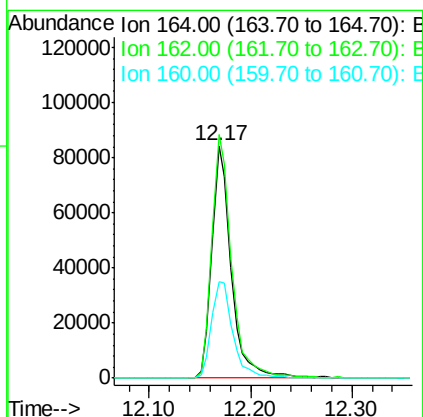
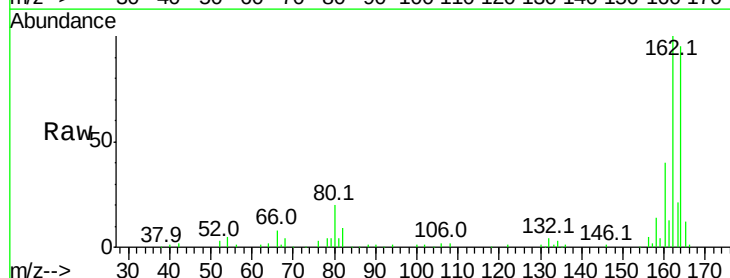
Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

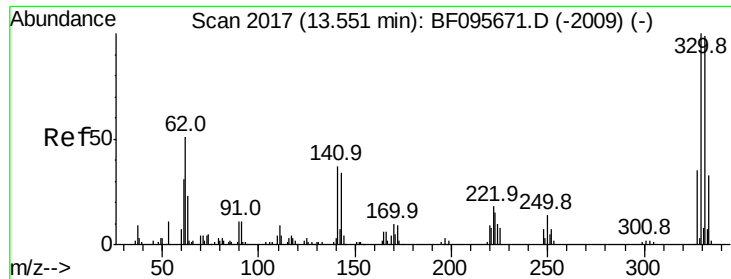
Tot Ion: 82 Resp: 414798
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 46.2 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095980.D
Acq: 17 Jun 2017 5:30

Tgt Ion: 164 Resp: 112823
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 41.7 36.2 54.2

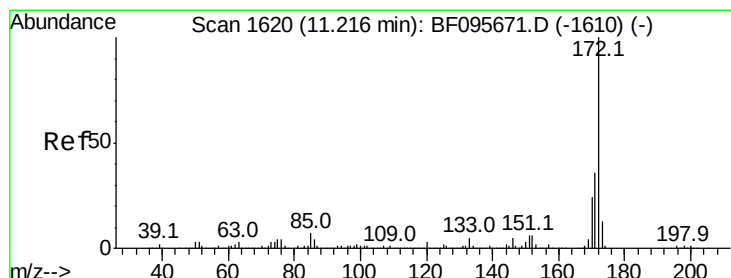
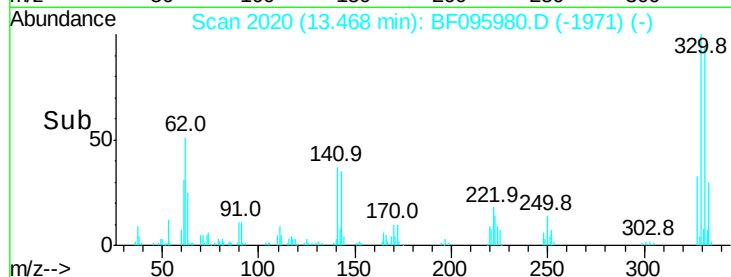
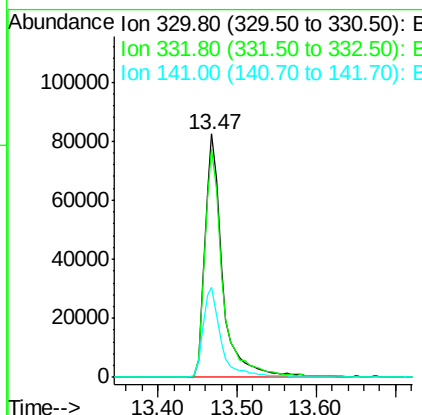
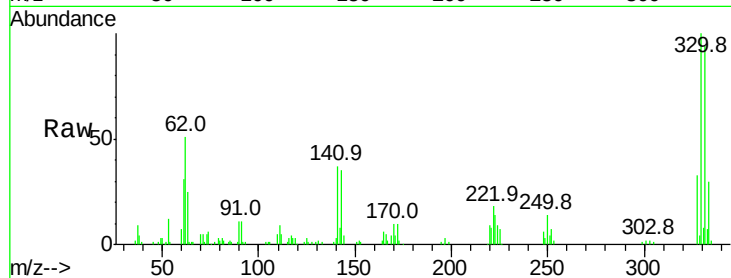




#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095980.D
 Acq: 17 Jun 2017 5:30

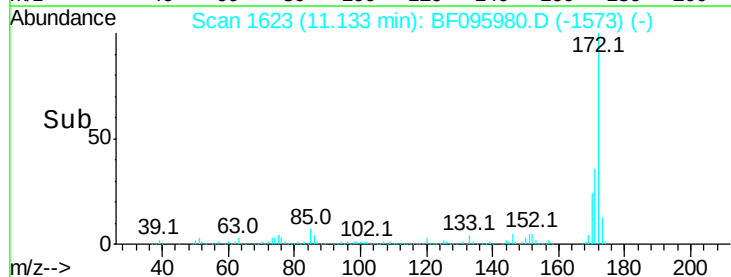
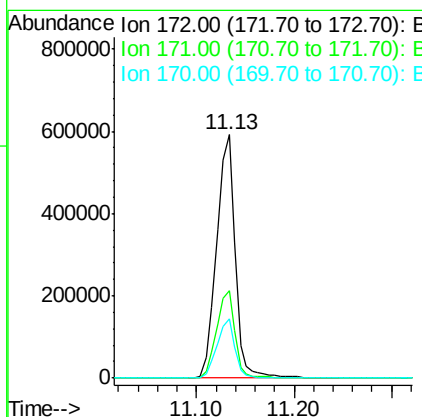
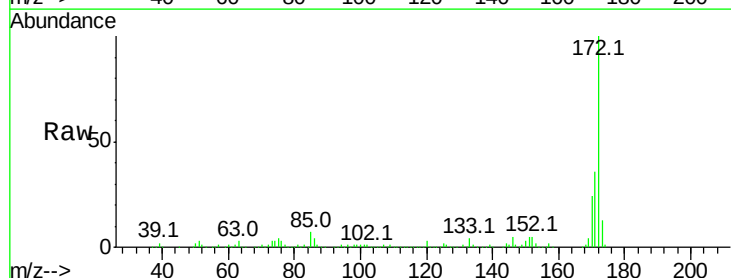
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-B

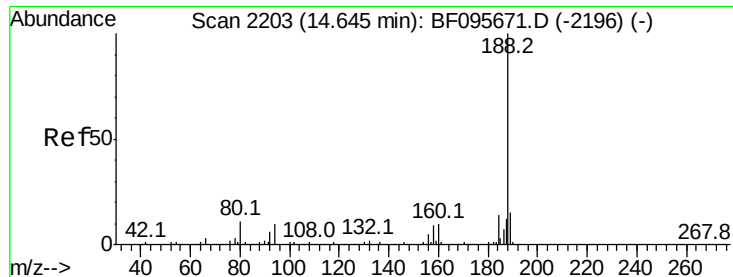
Tot Ion:330 Resp: 128280
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 37.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 97.08 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095980.D
 Acq: 17 Jun 2017 5:30

Tgt Ion:172 Resp: 787110
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 19.8 29.8

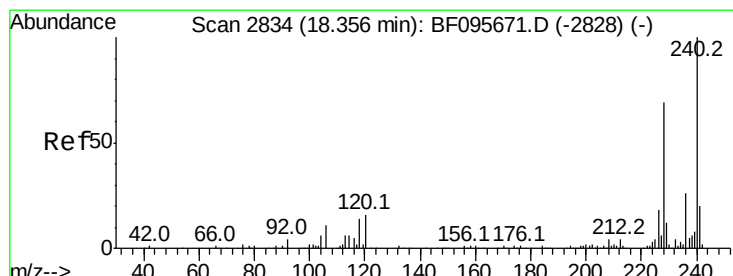
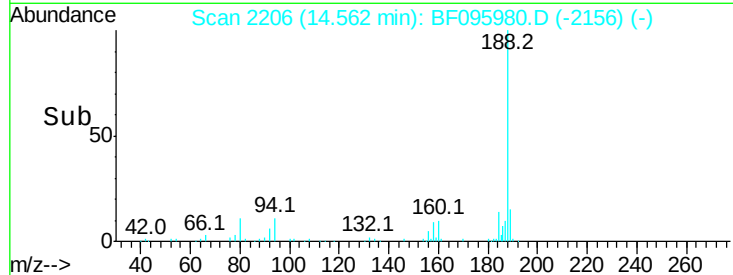
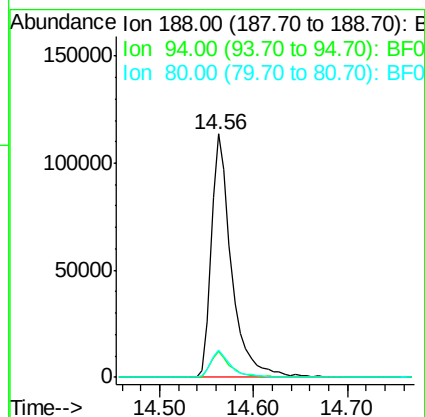
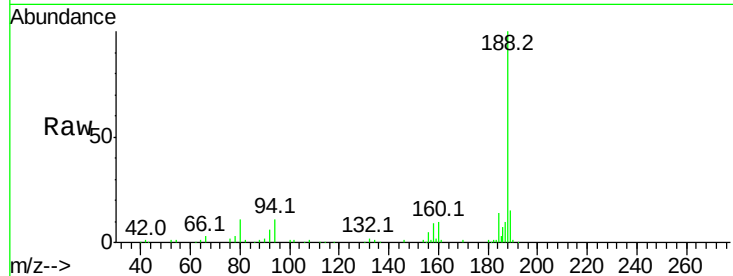




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095980.D
Acq: 17 Jun 2017 5:30

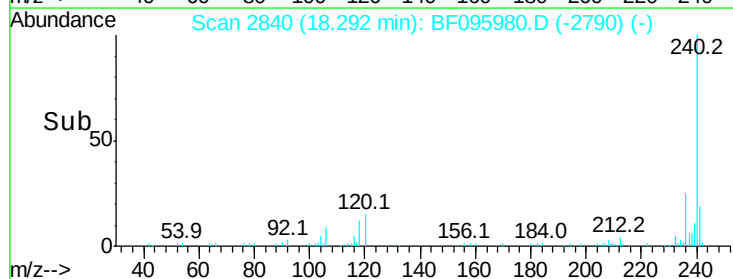
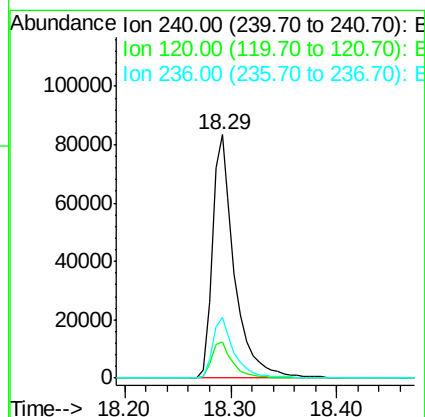
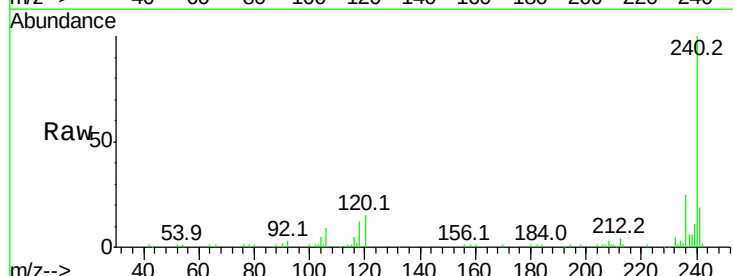
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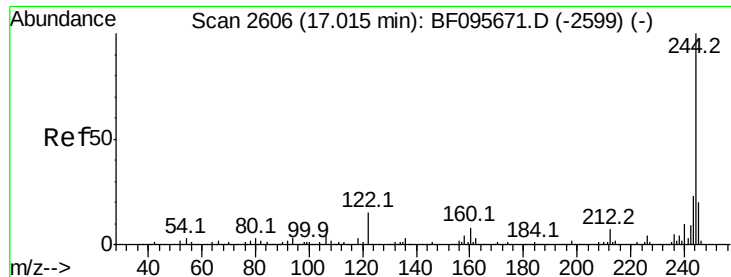
Tot Ion:188 Resp: 172141
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095980.D
Acq: 17 Jun 2017 5:30

Tgt Ion:240 Resp: 121528
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 96.12 ng

RT: 16.94 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF095980.D

Acq: 17 Jun 2017 5:30

Instrument :

BNA_F

ClientSampleId :

PL-01-061417-B

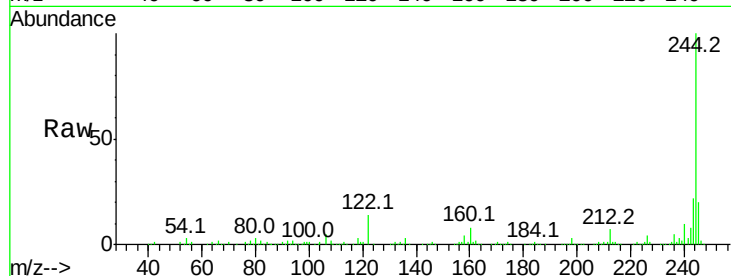
Tot Ion:244 Resp: 470671

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

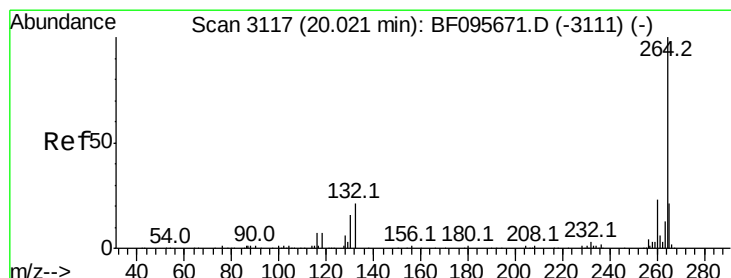
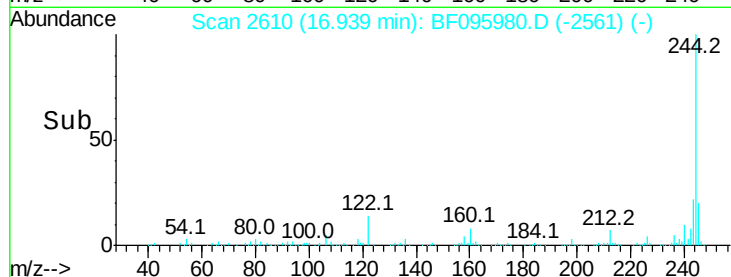
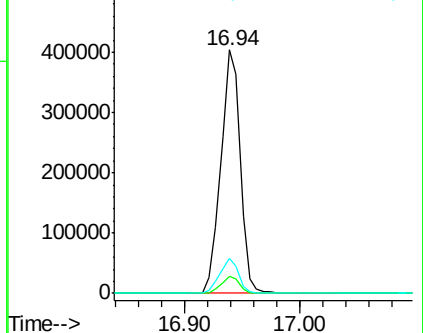
122 14.3 10.3 15.5



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: 19.96 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BF095980.D

Acq: 17 Jun 2017 5:30

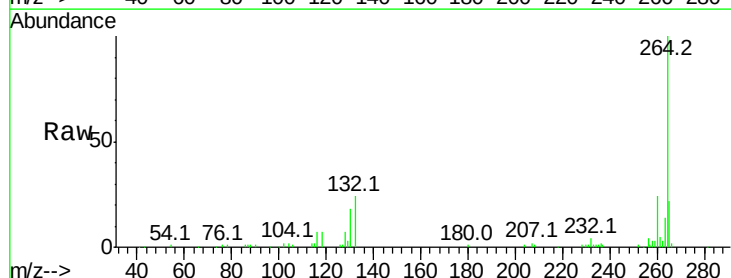
Tgt Ion:264 Resp: 115371

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.6 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

