

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095467.D
 Acq On : 26 May 2017 18:34
 Operator : SJ/MA
 Sample : I3221-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-05

Quant Time: May 27 04:07:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

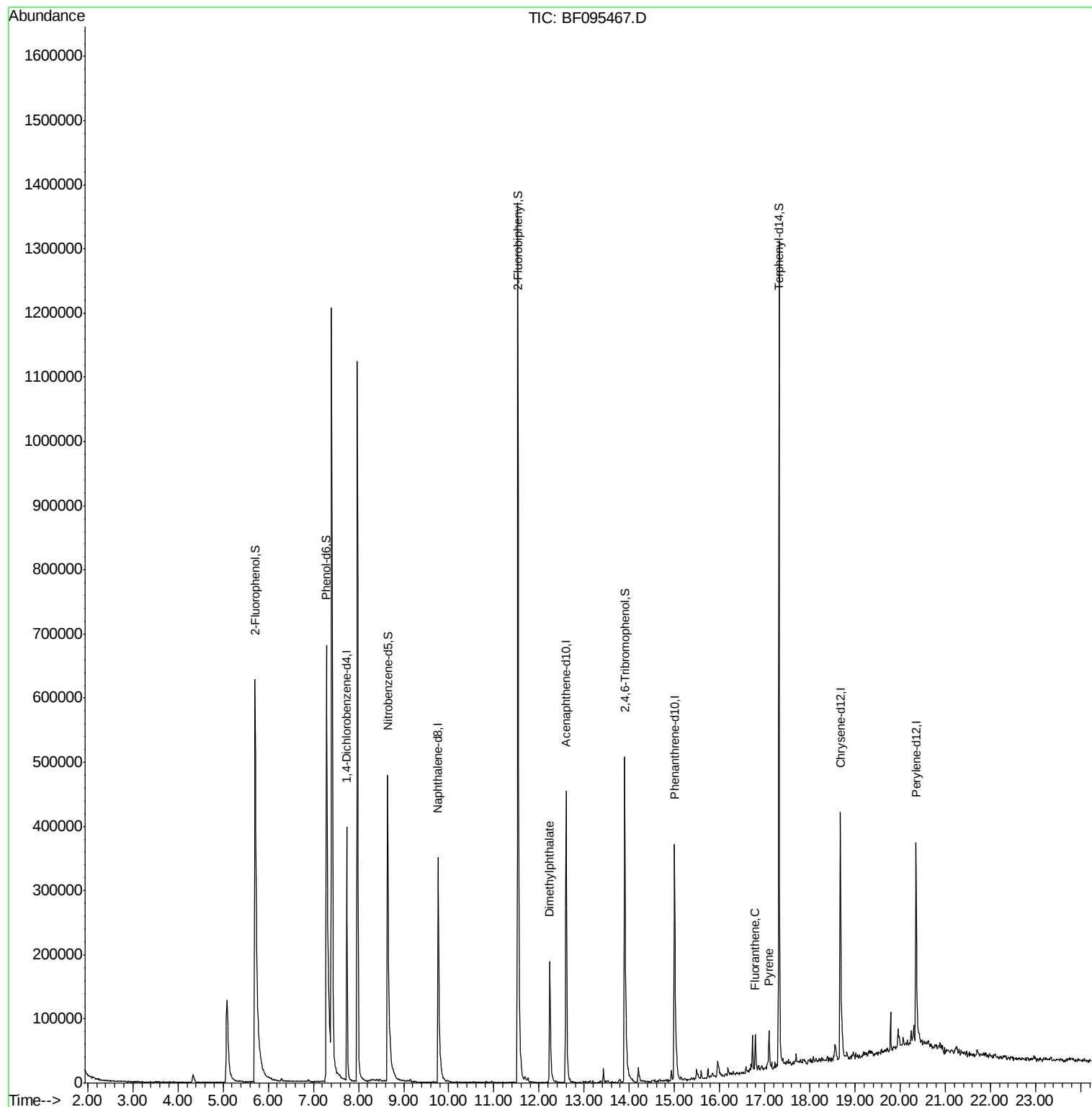
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	89836	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	373168	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	165856	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	261962	20.00	ng	0.00
75) Chrysene-d12	18.68	240	192396	20.00	ng	0.00
86) Perylene-d12	20.35	264	164216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	564546	104.77	ng	0.00
7) Phenol-d6	7.29	99	700152	108.29	ng	0.00
23) Nitrobenzene-d5	8.64	82	402517	68.02	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	126673	93.26	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	842327	73.10	ng	0.00
78) Terphenyl-d14	17.32	244	513431	58.78	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	173296	12.73	ng	98
74) Fluoranthene	16.79	202	37351	2.42	ng	99
77) Pyrene	17.09	202	30821	2.14	ng	96

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

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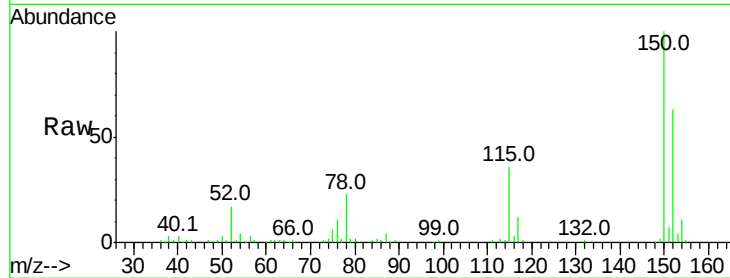


#1

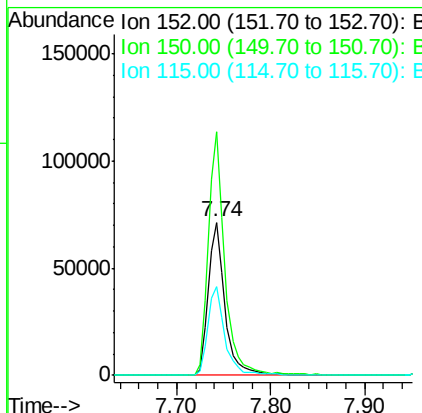
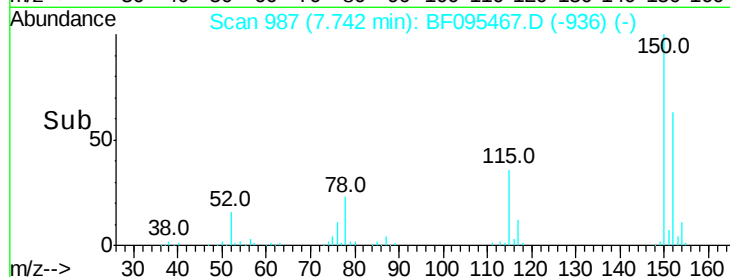
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Instrument :
BNA_F
ClientSampleId :
EX-05

Tot Ion:152 Resp: 89836
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 57.8 52.2 78.2



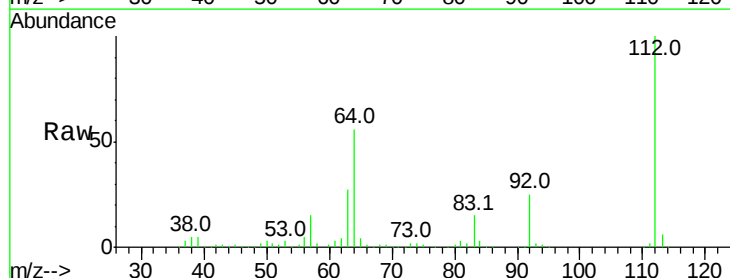
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



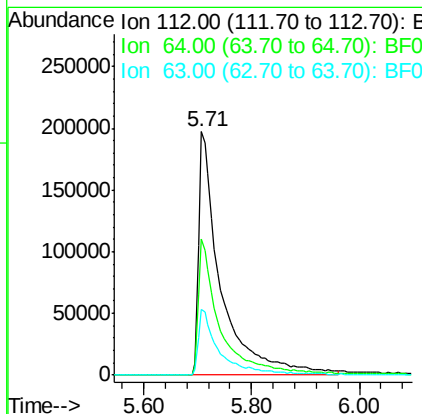
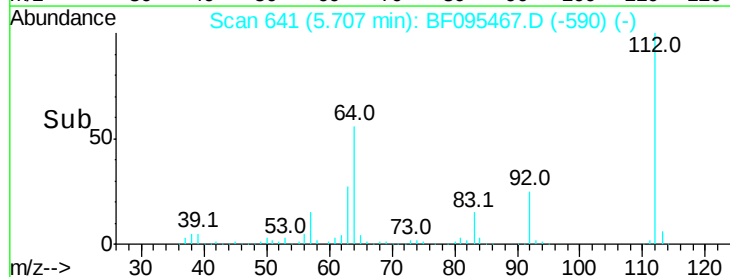
#5

2-Fluorophenol
Concen: 104.77 ng
RT: 5.71 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Tgt Ion:112 Resp: 564546
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 26.9 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: 108.29 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

Instrument :

BNA_F

ClientSampleId :

EX-05

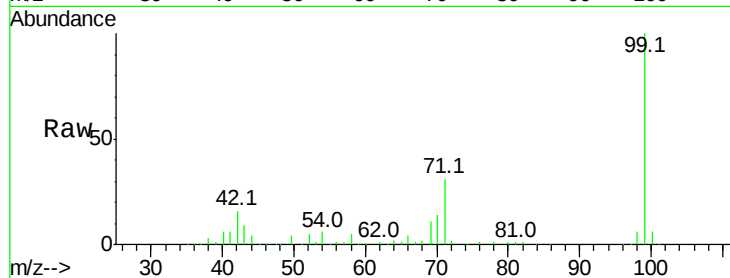
Tot Ion: 99 Resp: 700152

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

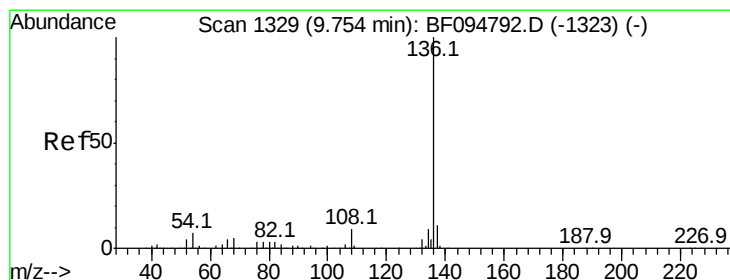
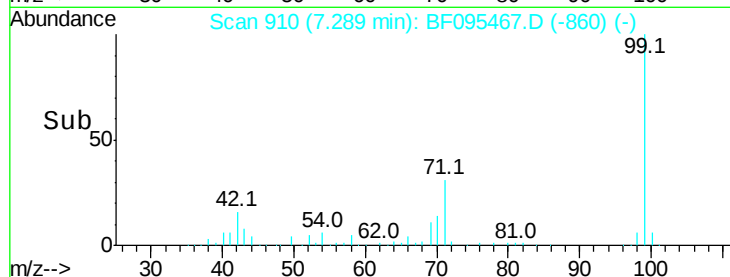
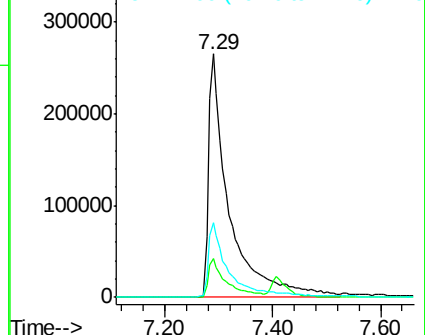
71 30.8 24.5 36.7



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: 9.77 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

Tgt Ion: 136 Resp: 373168

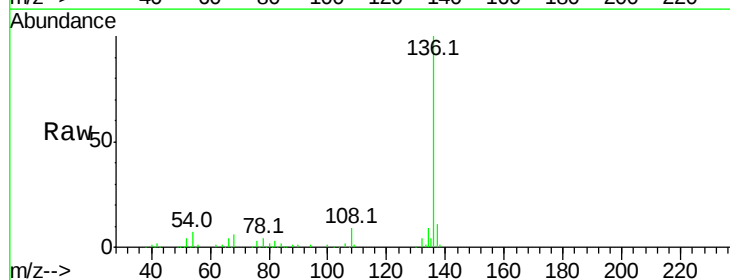
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 7.0 4.9 7.3

68 5.9 4.1 6.1

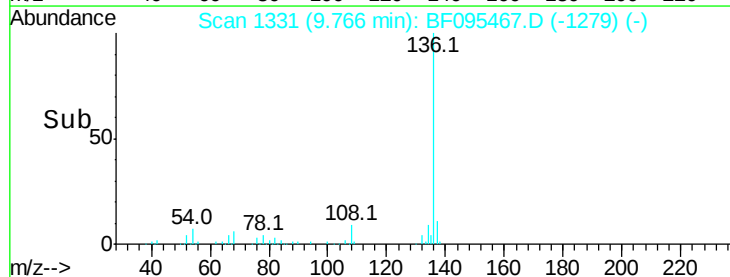
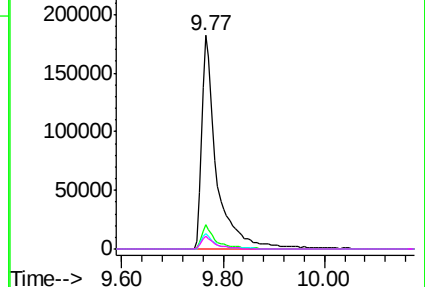


Abundance Ion 136.00 (135.70 to 136.70): E

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

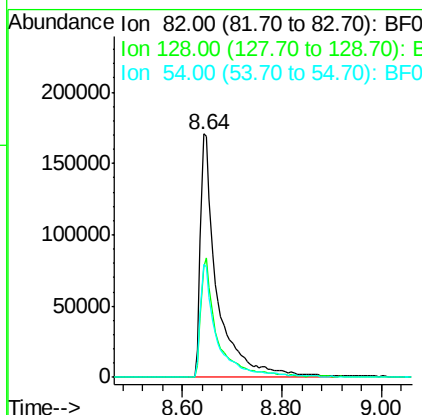
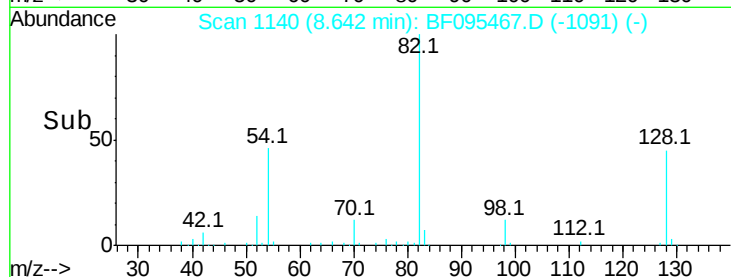
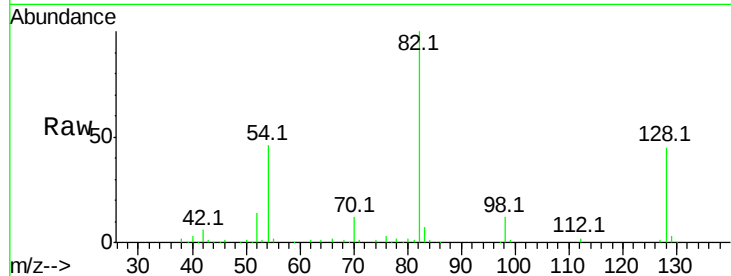




#23
 Nitrobenzene-d5
 Concen: 68.02 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095467.D
 Acq: 26 May 2017 18:34

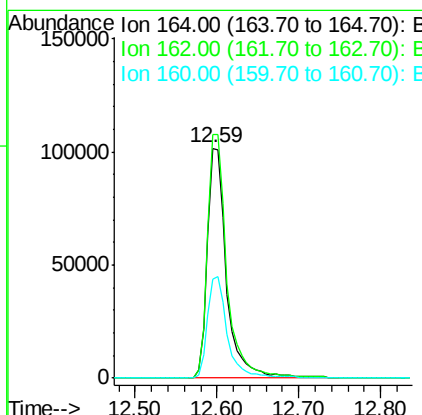
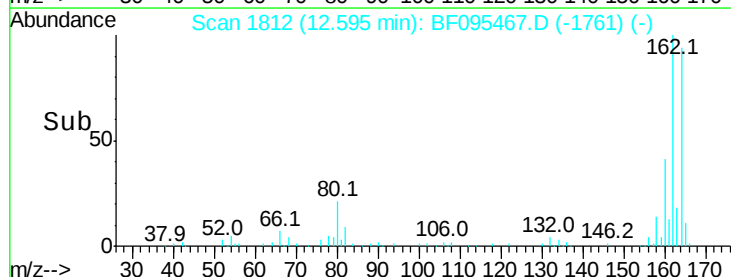
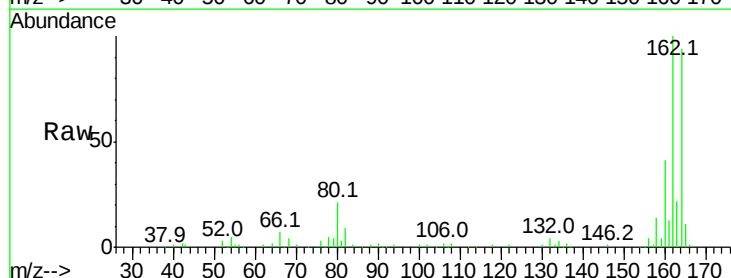
Instrument :
 BNA_F
 ClientSampled :
 EX-05

Tot Ion: 82 Resp: 402517
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 46.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF095467.D
 Acq: 26 May 2017 18:34

Tgt Ion:164 Resp: 165856
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.6 123.8
 160 43.2 36.2 54.2

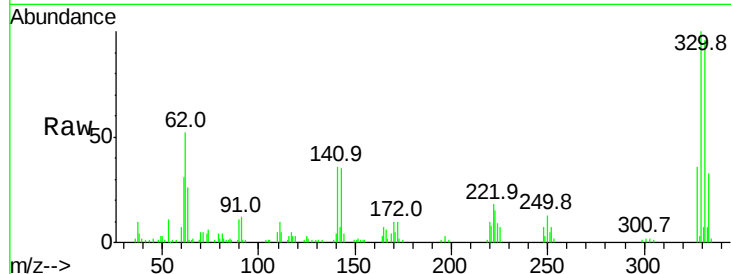




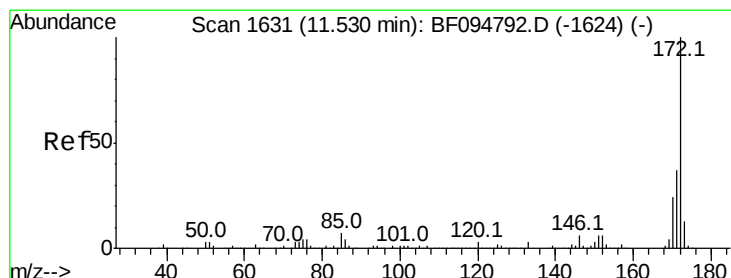
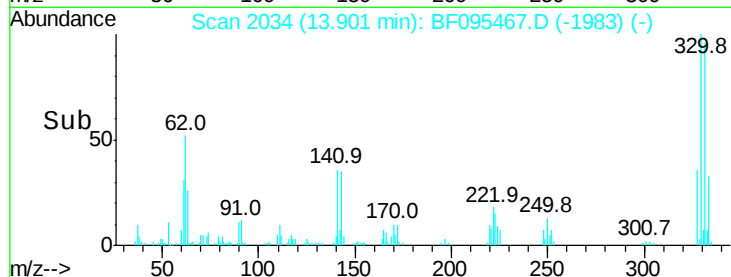
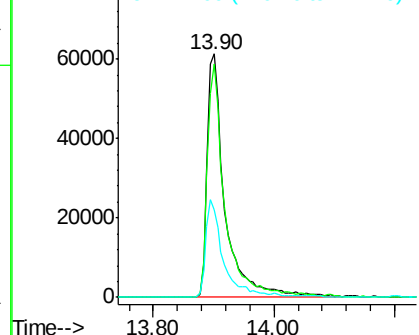
#41
 2,4,6-Tribromophenol
 Concen: 93.26 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095467.D
 Acq: 26 May 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 EX-05

Tot Ion:330 Resp: 126673
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.6 115.0
 141 38.7 31.4 47.2

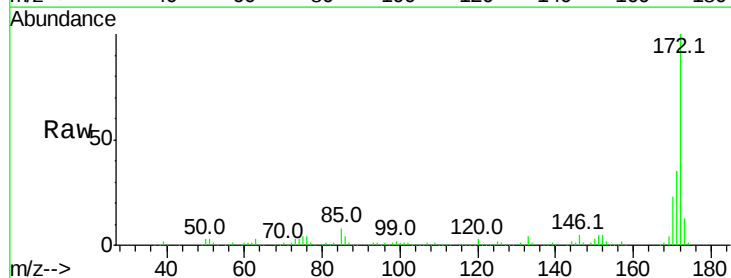


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

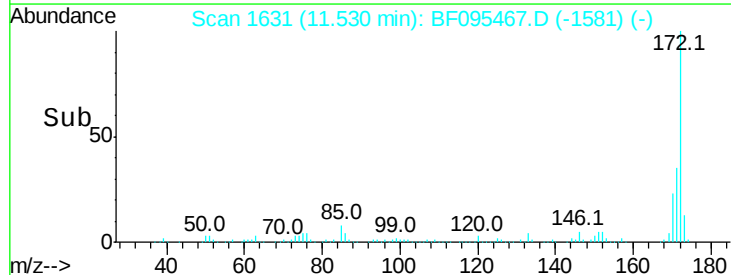
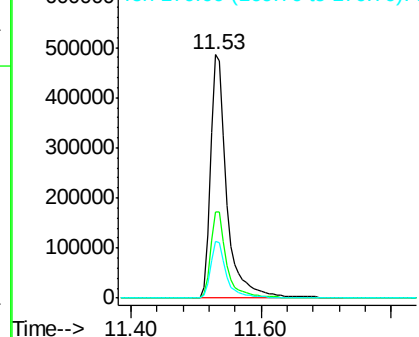


#44
 2-Fluorobiphenyl
 Concen: 73.10 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095467.D
 Acq: 26 May 2017 18:34

Tgt Ion:172 Resp: 842327
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.1 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





#49

Dimethylphthalate

Concen: 12.73 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

Instrument :

BNA_F

ClientSampleId :

EX-05

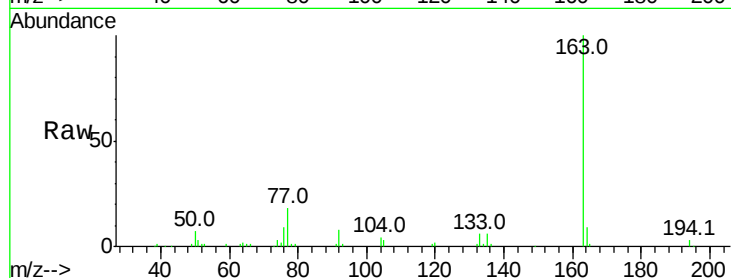
Tot Ion:163 Resp: 173296

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

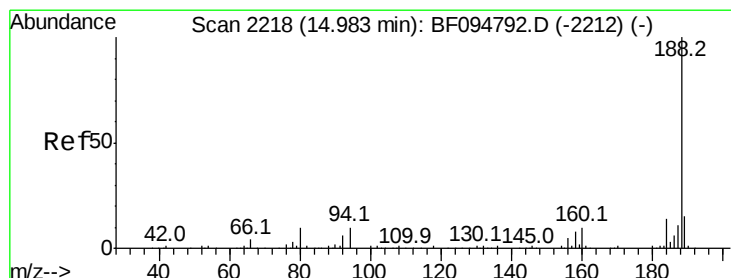
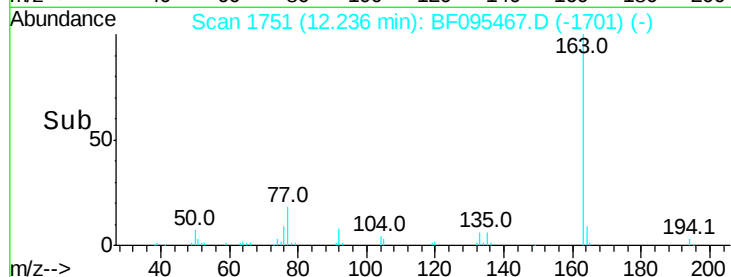
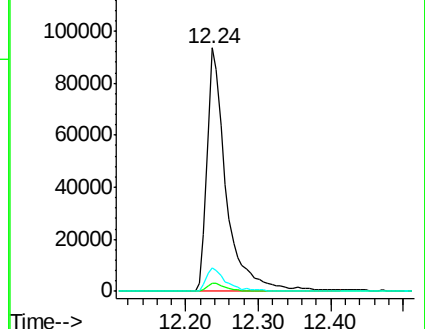
164 9.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.00 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF095467.D

Acq: 26 May 2017 18:34

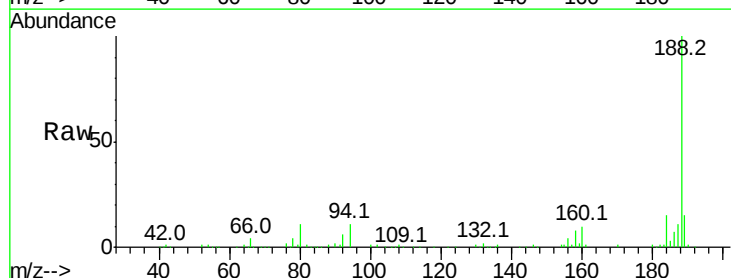
Tgt Ion:188 Resp: 261962

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

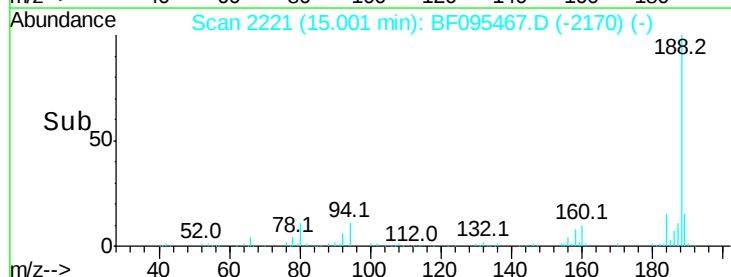
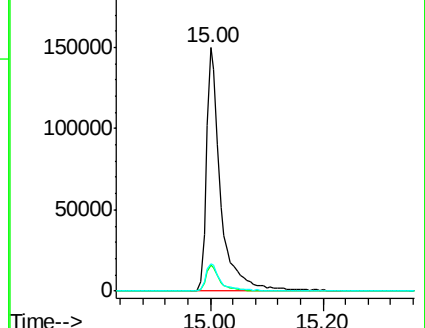
80 11.0 10.2 15.2

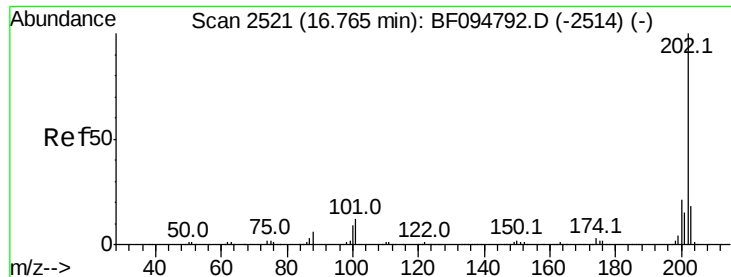


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

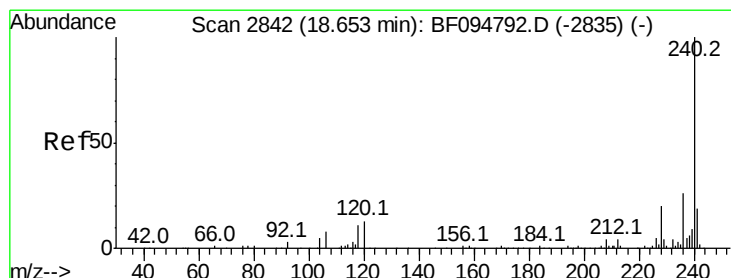
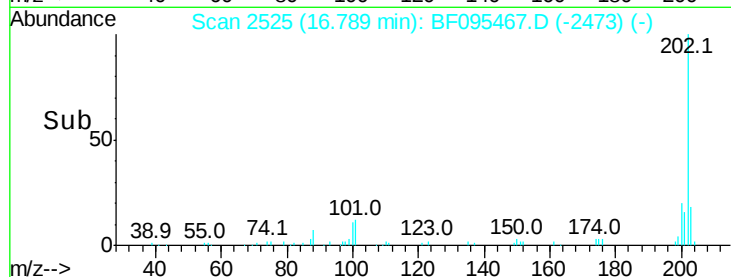
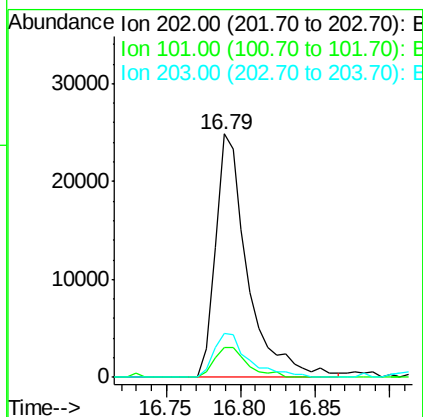
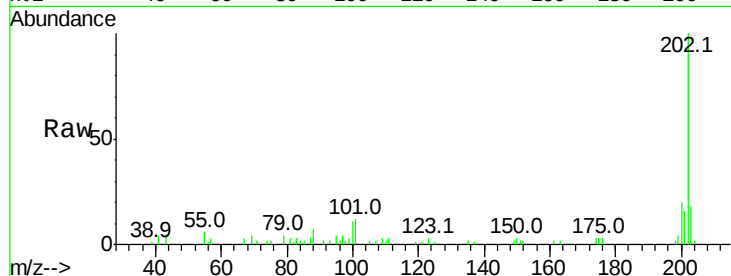




#74
Fluoranthene
 Concen: 2.42 ng
 RT: 16.79 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF095467.D
 Acq: 26 May 2017 18:34

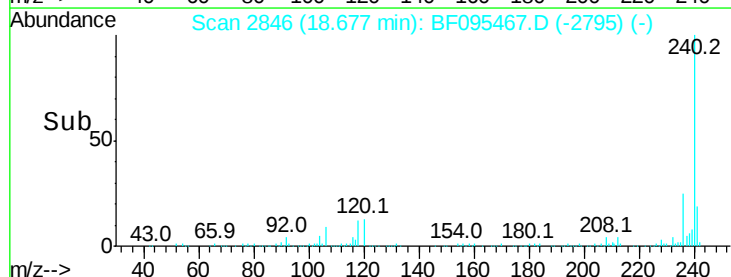
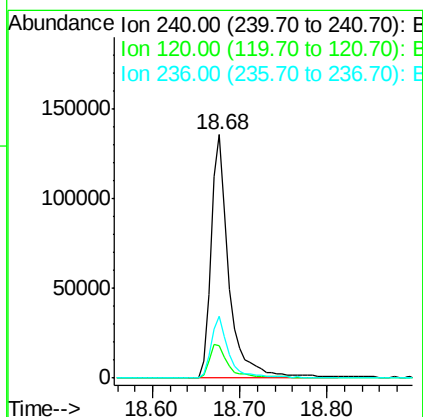
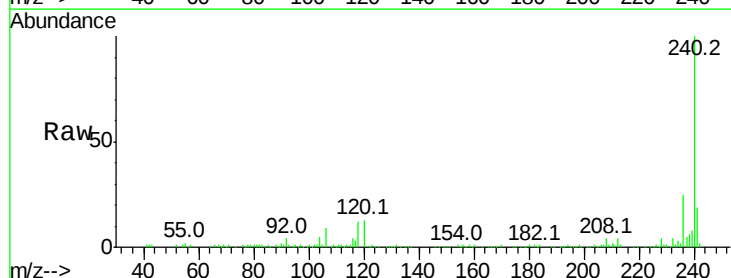
Instrument :
 BNA_F
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 EX-05

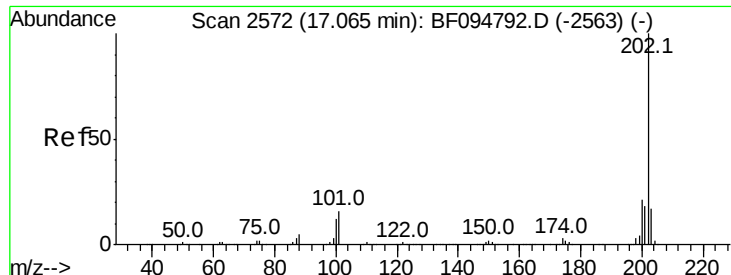
Tot Ion:202 Resp: 37351
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 33.2
 203 18.0 0.0 38.1



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095467.D
 Acq: 26 May 2017 18:34

Tgt Ion:240 Resp: 192396
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 25.2 20.5 30.7

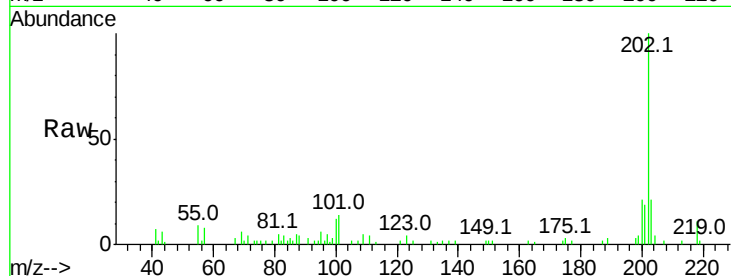




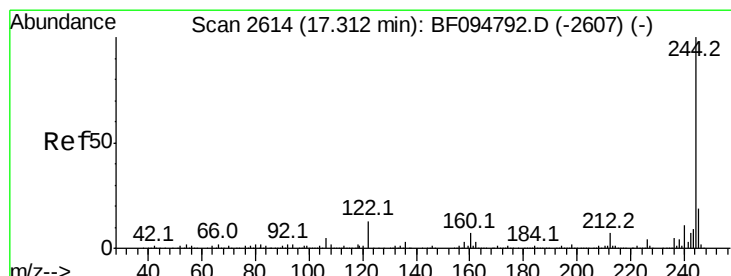
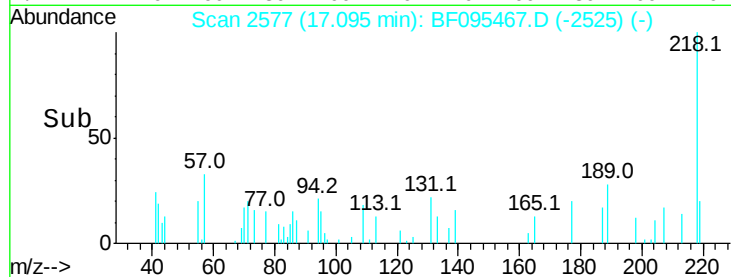
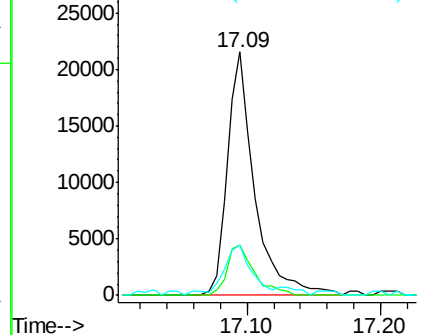
#77
Pvrene
Concen: 2.14 ng
RT: 17.09 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Instrument :
BNA_F
ClientSampleId :
EX-05

Tot Ion:202 Resp: 30821
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 20.9 14.4 21.6

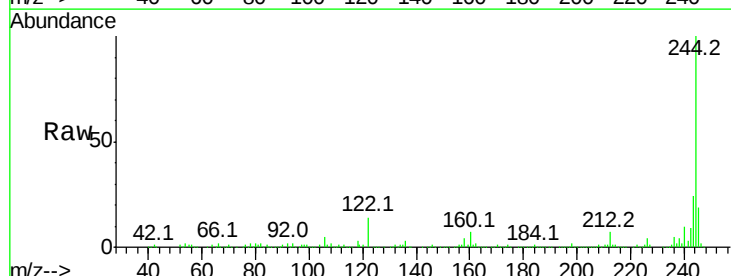


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

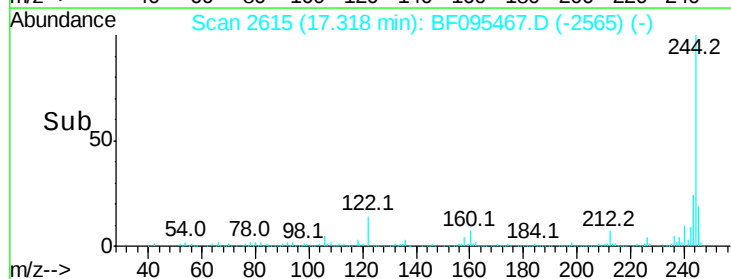
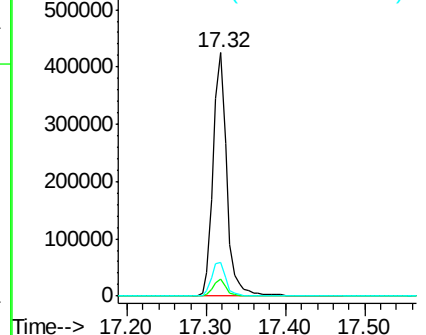


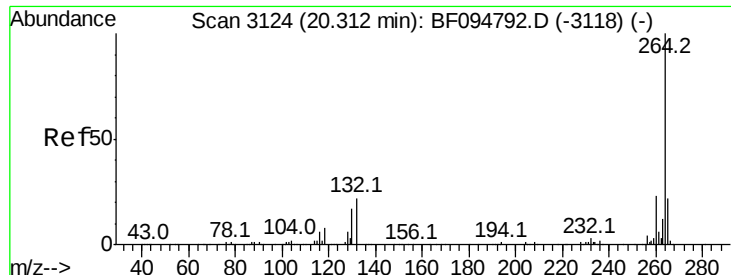
#78
Terphenyl-d14
Concen: 58.78 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF095467.D
Acq: 26 May 2017 18:34

Tgt Ion:244 Resp: 513431
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.8 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

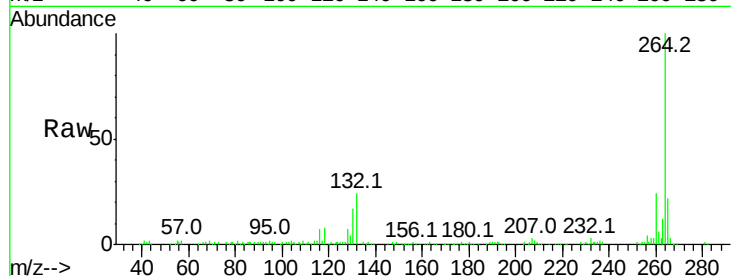




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BF095467.D
 Acq: 26 May 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 EX-05

Tot Ion:264 Resp: 164216
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.7 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

