

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
 Data File : BF095360.D
 Acq On : 23 May 2017 19:57
 Operator : SJ/MA
 Sample : I3243-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-TP-8

Quant Time: May 24 04:13:39 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

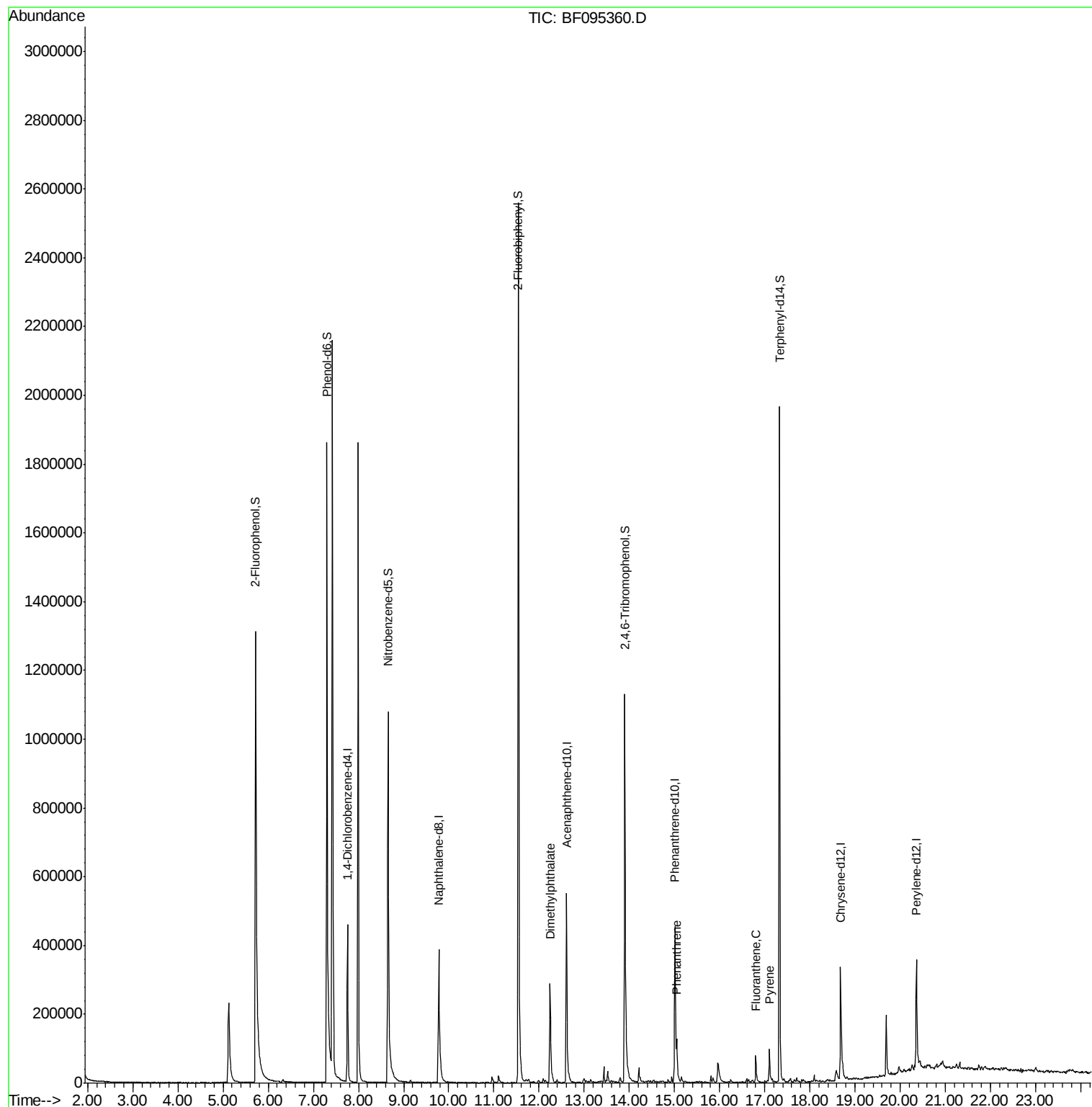
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	99894	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	414331	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	186120	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	305628	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	183563	20.00	ng	-0.01
86) Perylene-d12	20.36	264	182332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	901362	150.44	ng	-0.02
7) Phenol-d6	7.30	99	1190157	165.55	ng	-0.01
23) Nitrobenzene-d5	8.66	82	676580	102.97	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	229303	150.44	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1310590	101.35	ng	-0.02
78) Terphenyl-d14	17.33	244	793162	95.17	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.24	163	229209	15.00	ng	99
70) Phenanthrene	15.05	178	72571	4.13	ng	96
74) Fluoranthene	16.80	202	56206	3.12	ng	97
77) Pyrene	17.11	202	57920	4.22	ng	98

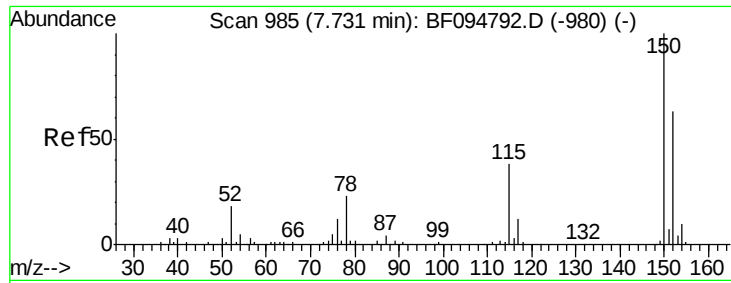
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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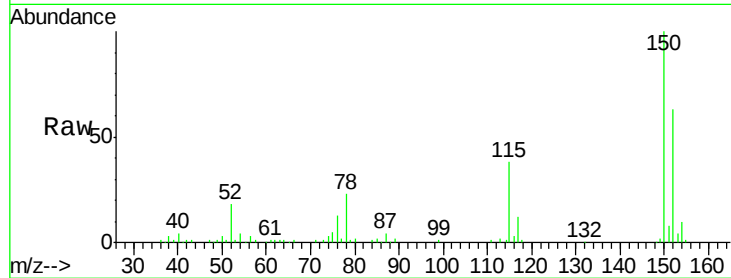


#1

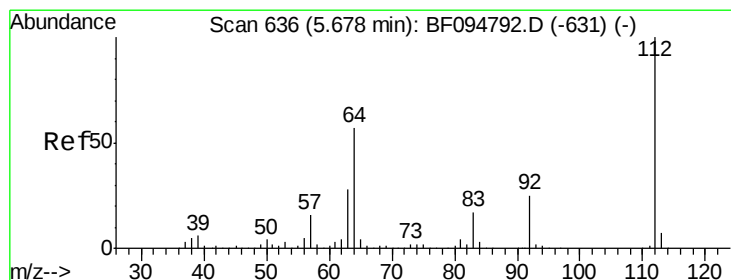
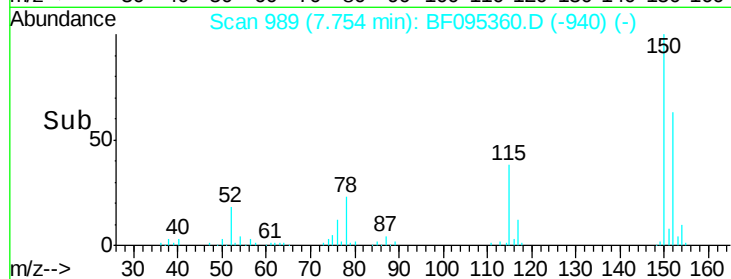
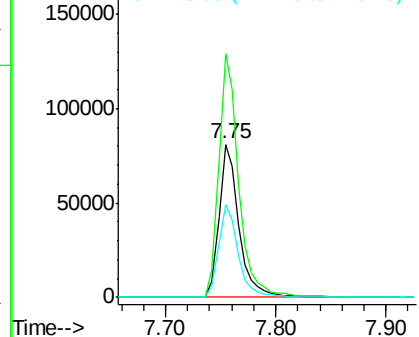
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

Instrument :
BNA_F
ClientSampleId :
TP-7-TP-8

Tgt Ion:152 Resp: 99894
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 60.9 52.2 78.2



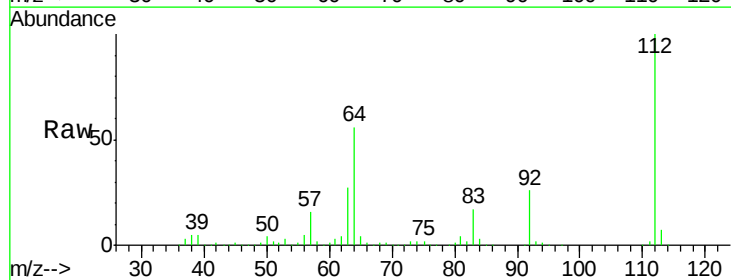
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



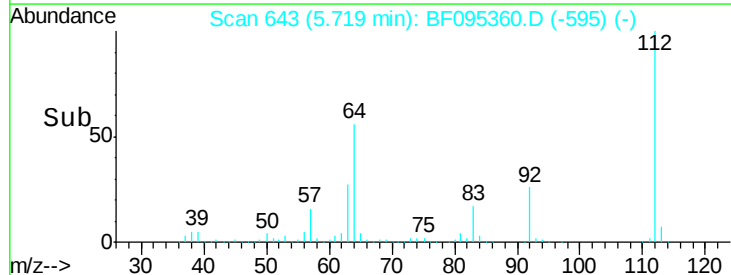
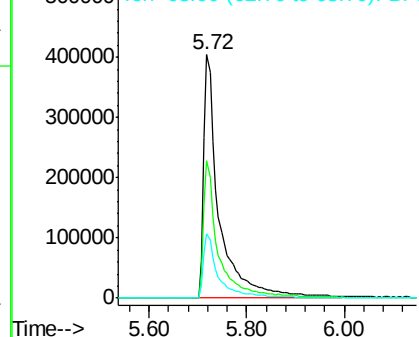
#5

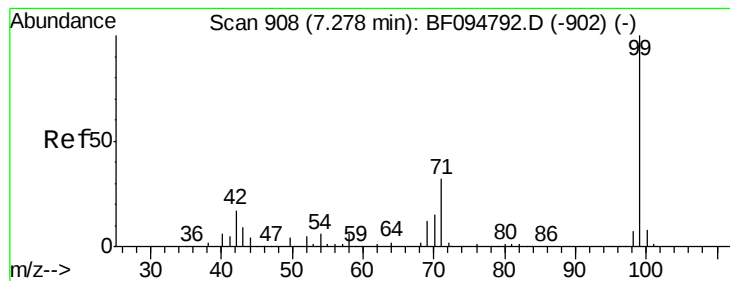
2-Fluorophenol
Concen: 150.44 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

Tgt Ion:112 Resp: 901362
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 26.6 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: 165.55 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Instrument :

BNA_F

ClientSampleId :

TP-7-TP-8

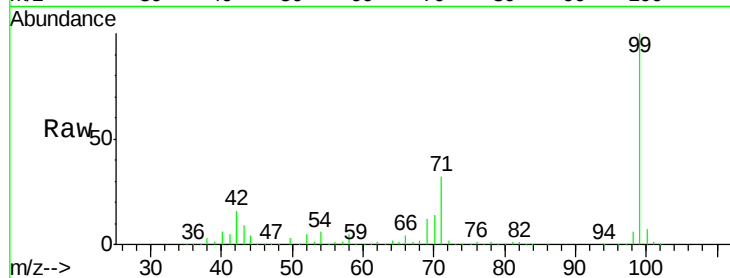
Tgt Ion: 99 Resp: 1190157

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

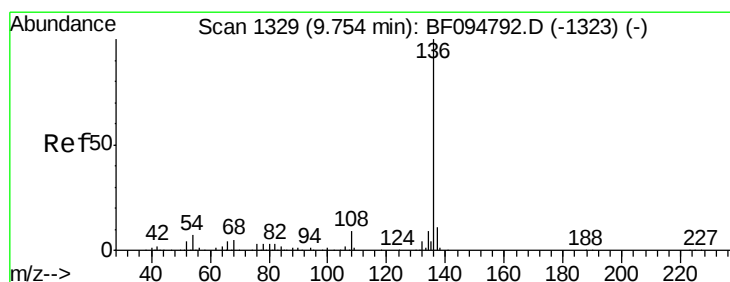
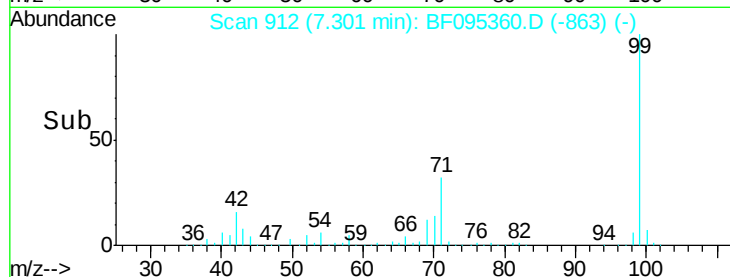
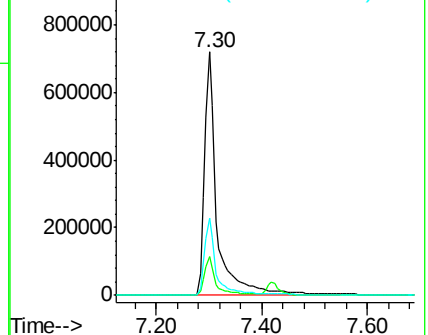
71 31.7 24.5 36.7



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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Tgt Ion: 136 Resp: 414331

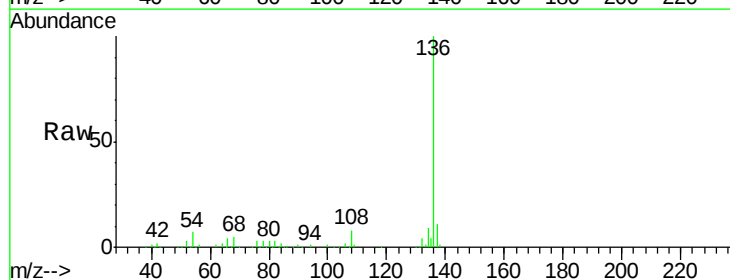
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 4.9 7.3

68 5.2 4.1 6.1

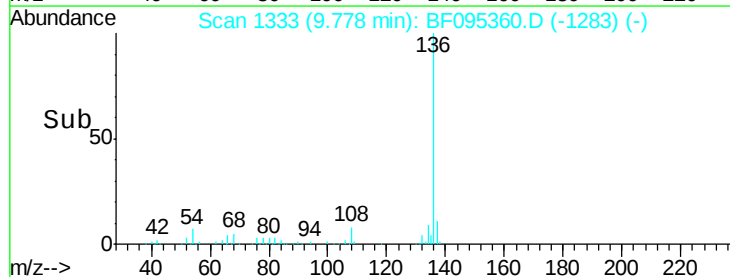
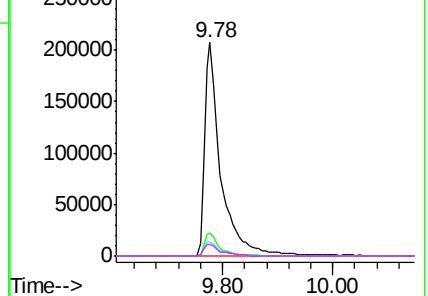


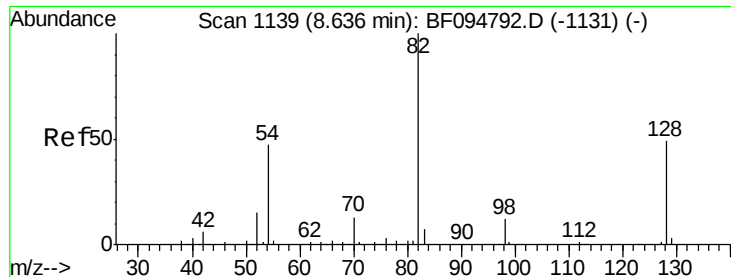
Abundance Ion 136.00 (135.70 to 136.70): E

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

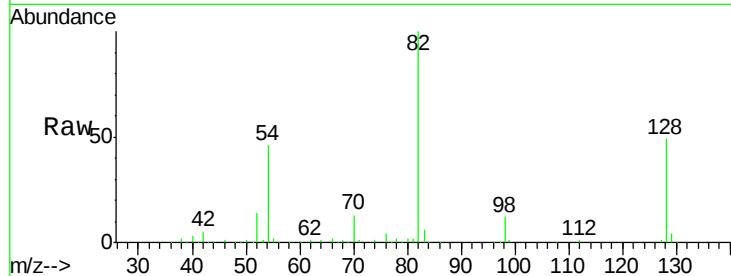




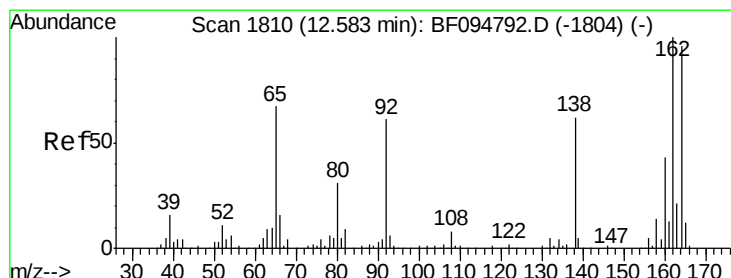
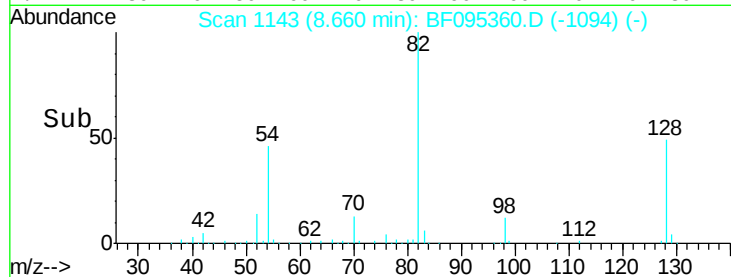
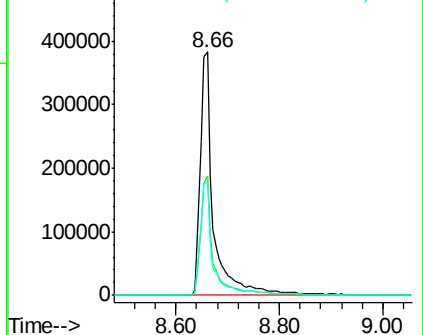
#23
 Nitrobenzene-d5
 Concen: 102.97 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095360.D
 Acq: 23 May 2017 19:57

Instrument :
 BNA_F
 ClientSampleID :
 TP-7-TP-8

Tgt Ion: 82 Resp: 676580
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.0 51.0
 54 46.3 42.2 63.2

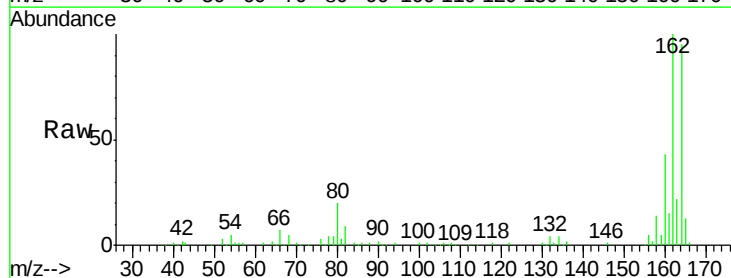


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

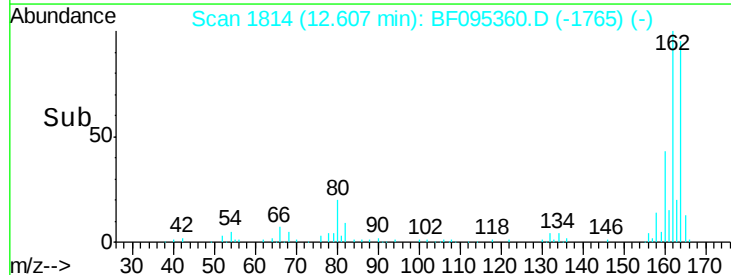
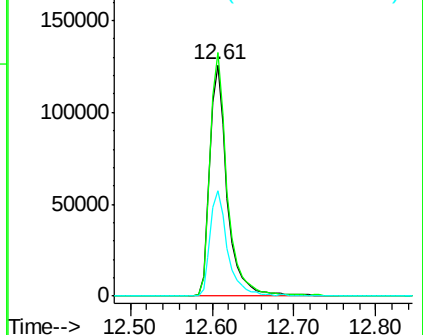


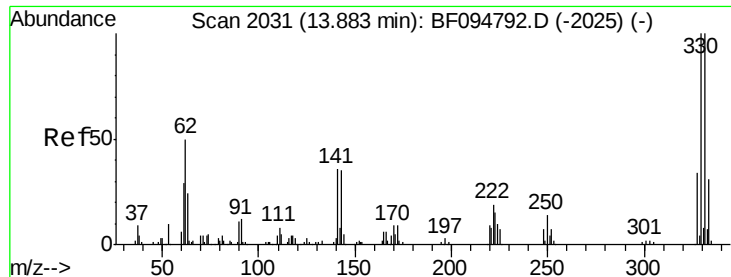
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095360.D
 Acq: 23 May 2017 19:57

Tgt Ion: 164 Resp: 186120
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 45.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

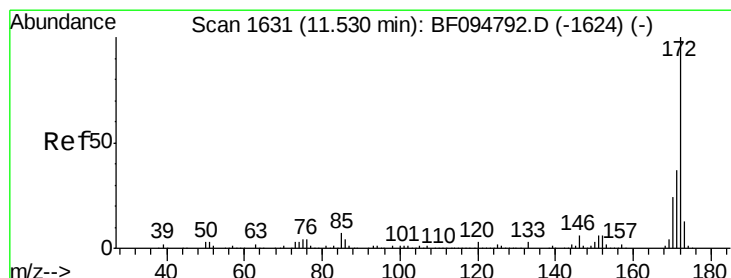
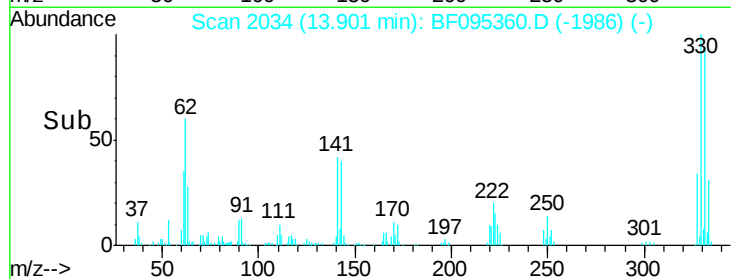
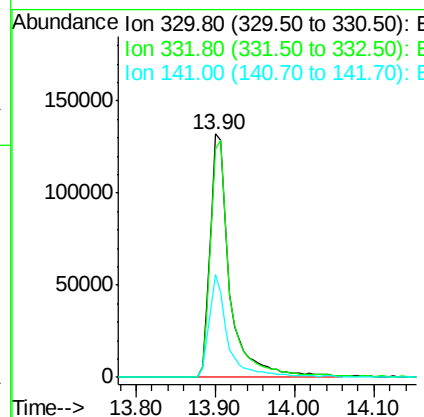
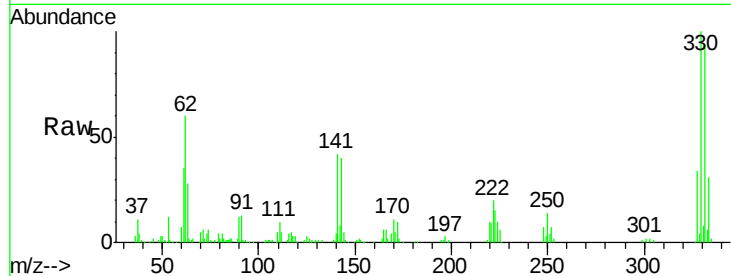




#41
 2,4,6-Tribromophenol
 Concen: 150.44 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095360.D
 Acq: 23 May 2017 19:57

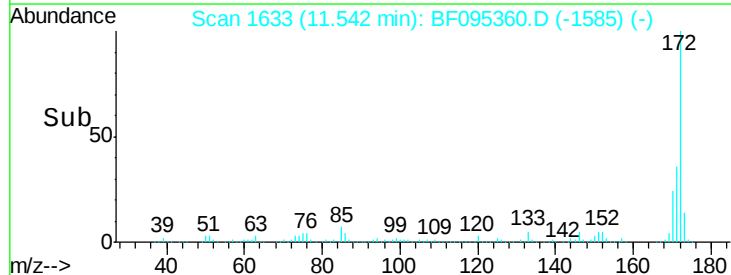
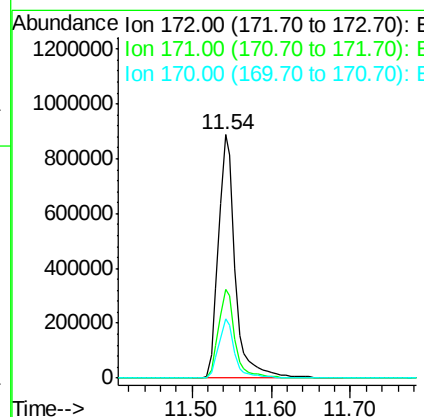
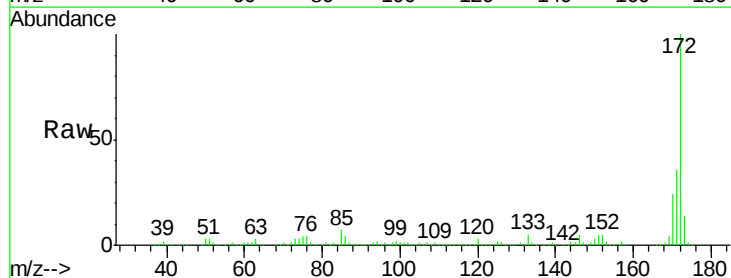
Instrument :
 BNA_F
 ClientSampleId :
 TP-7-TP-8

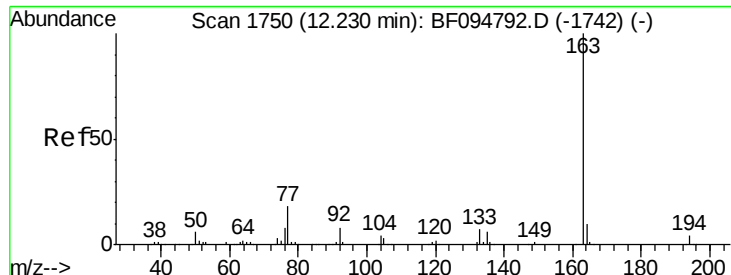
Tgt Ion:330 Resp: 229303
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 40.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 101.35 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095360.D
 Acq: 23 May 2017 19:57

Tgt Ion:172 Resp: 1310590
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.3 19.8 29.8





#49

Dimethylphthalate

Concen: 15.00 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Instrument :

BNA_F

ClientSampleId :

TP-7-TP-8

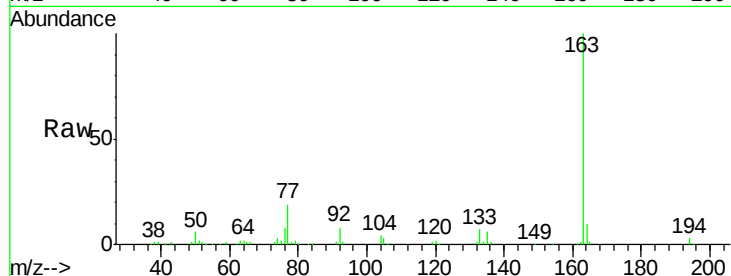
Tgt Ion:163 Resp: 229209

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

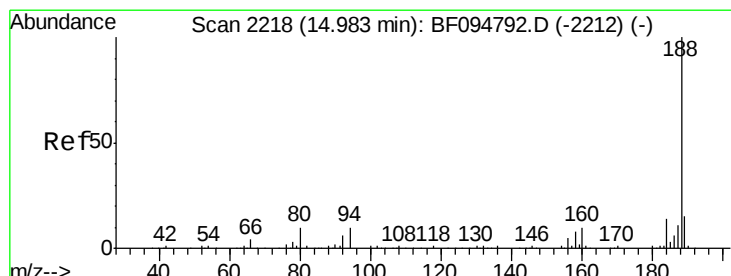
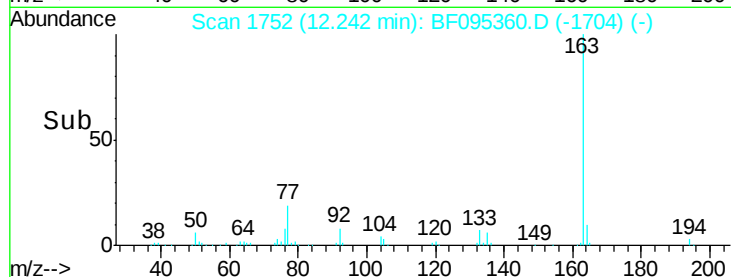
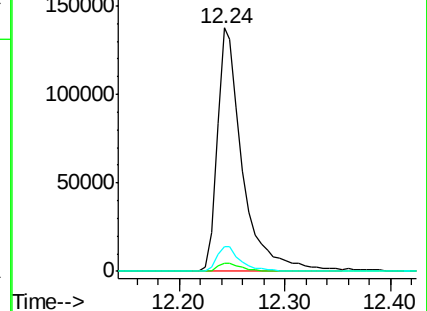
164 10.2 8.4 12.6



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: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

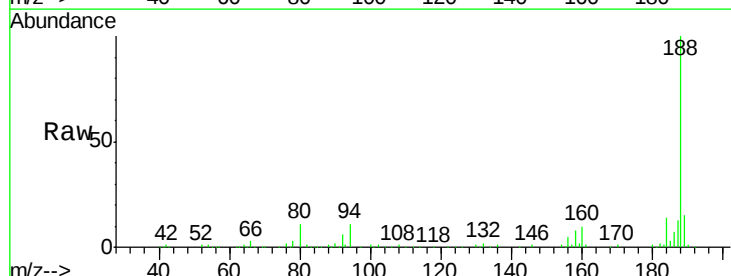
Tgt Ion:188 Resp: 305628

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

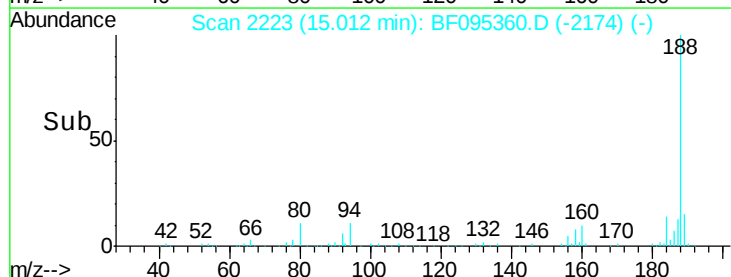
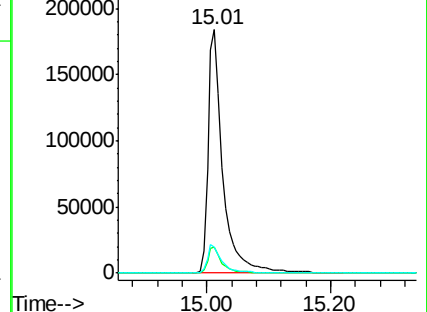
80 10.9 10.2 15.2

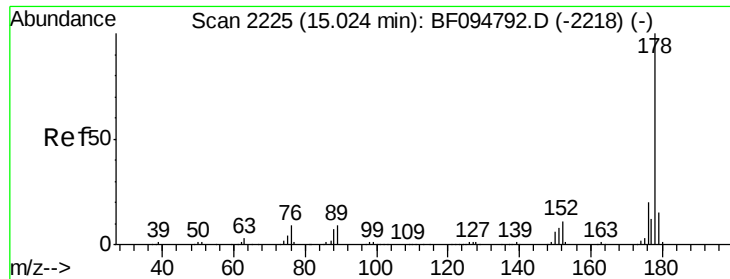


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

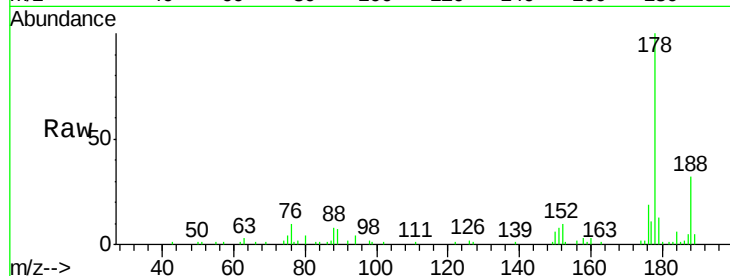




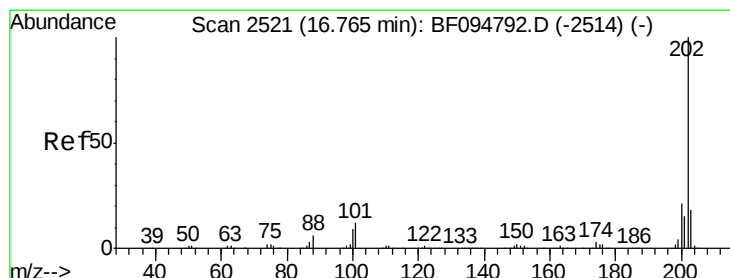
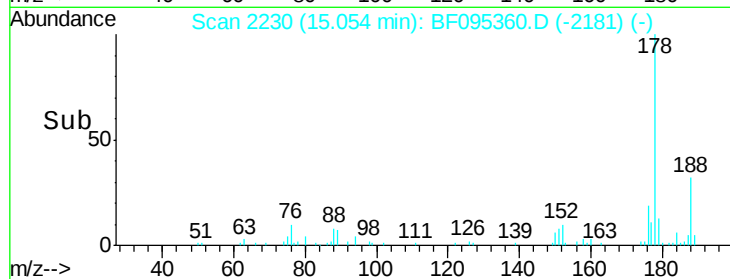
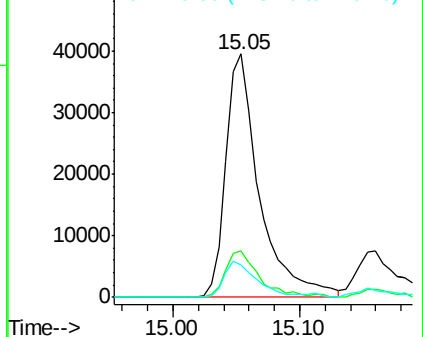
#70
Phenanthrene
Concen: 4.13 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

Instrument :
BNA_F
ClientSampleId :
TP-7-TP-8

Tgt Ion:178 Resp: 72571
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.4
179 13.2 12.6 19.0

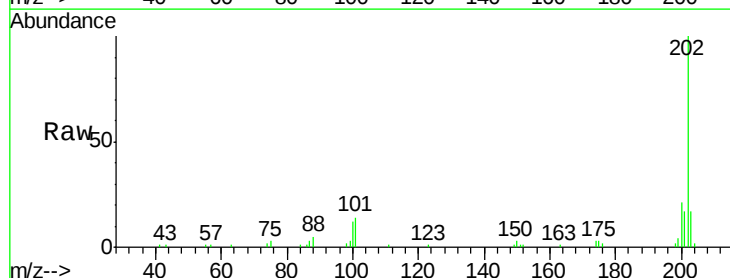


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

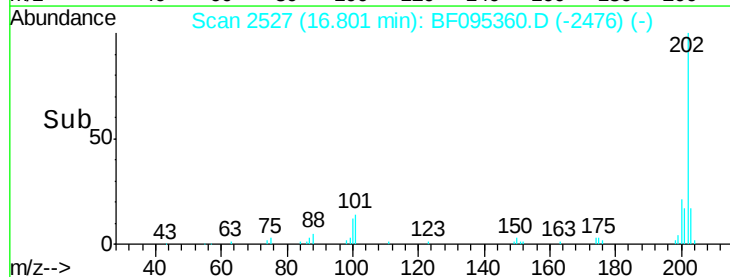
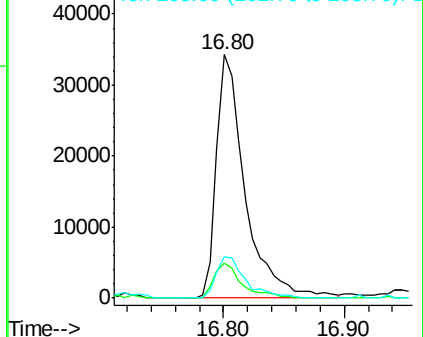


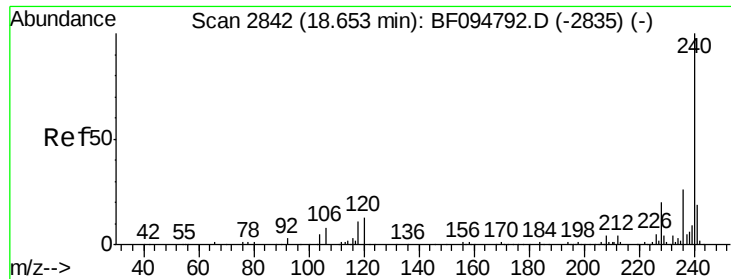
#74
Fluoranthene
Concen: 3.12 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

Tgt Ion:202 Resp: 56206
Ion Ratio Lower Upper
202 100
101 14.3 0.0 33.2
203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Instrument :

BNA_F

ClientSampleId :

TP-7-TP-8

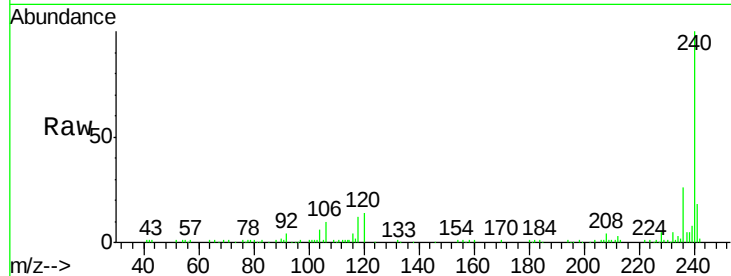
Tgt Ion:240 Resp: 183563

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

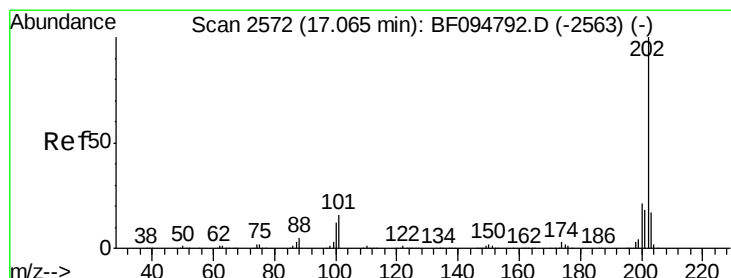
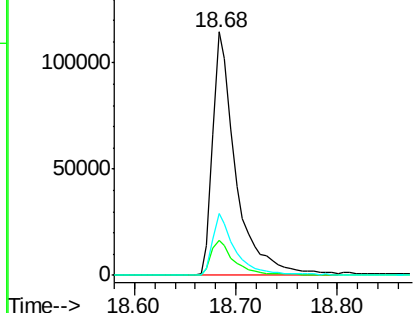
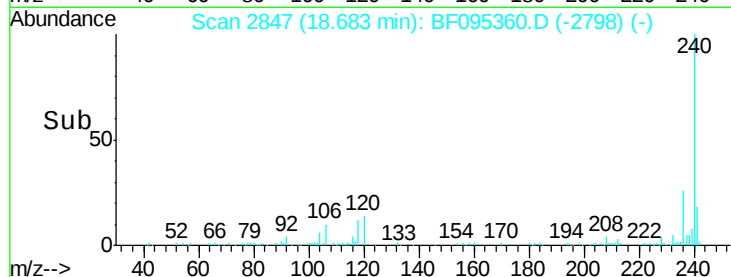
236 25.6 20.5 30.7



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



#77

Pyrene

Concen: 4.22 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

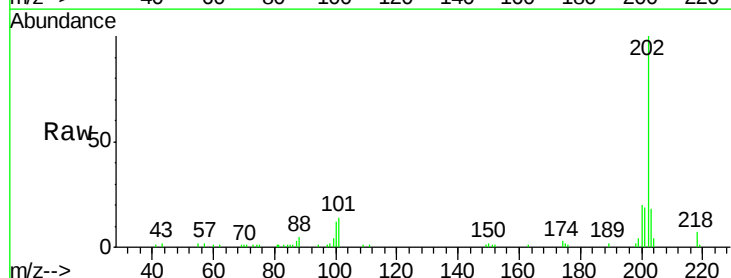
Tgt Ion:202 Resp: 57920

Ion Ratio Lower Upper

202 100

200 20.3 17.6 26.4

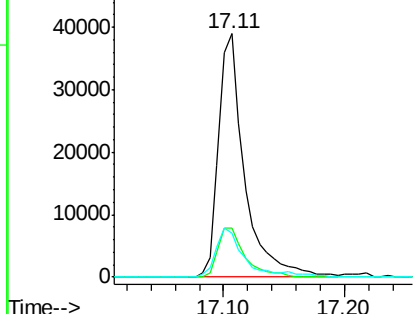
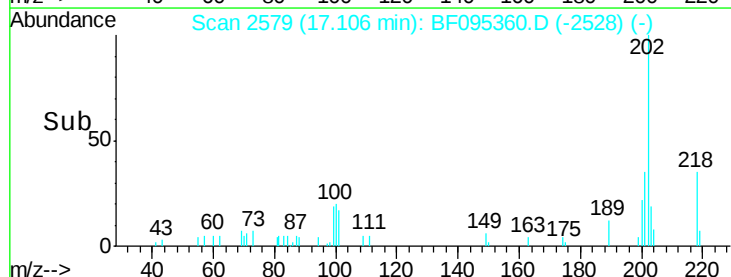
203 18.0 14.4 21.6

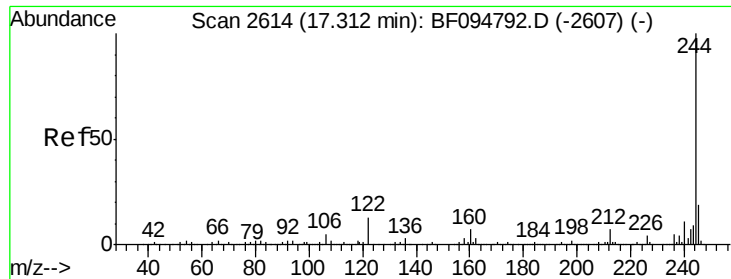


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

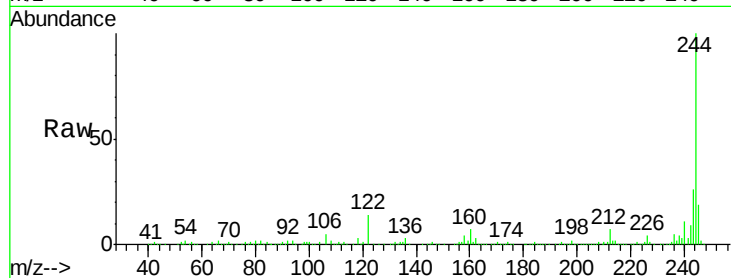




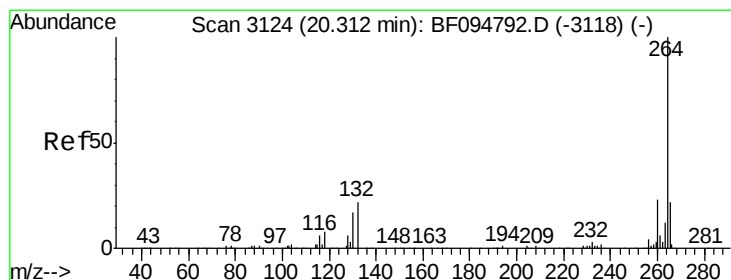
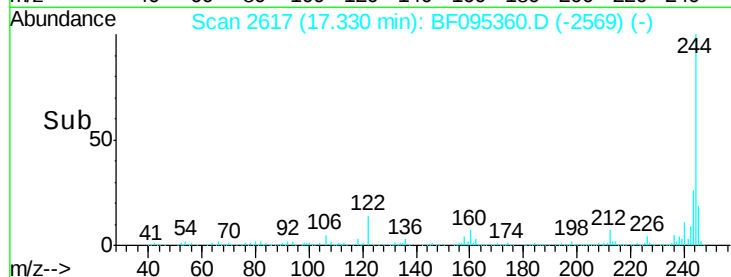
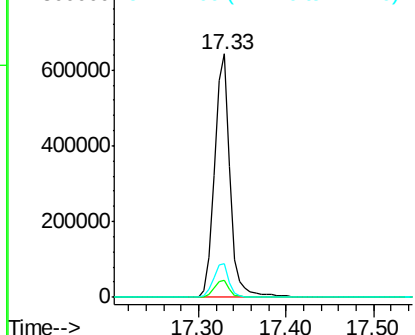
#78
 Terphenyl-d14
 Concen: 95.17 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095360.D
 Acq: 23 May 2017 19:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-TP-8

Tgt Ion:244 Resp: 793162
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.7 10.3 15.5

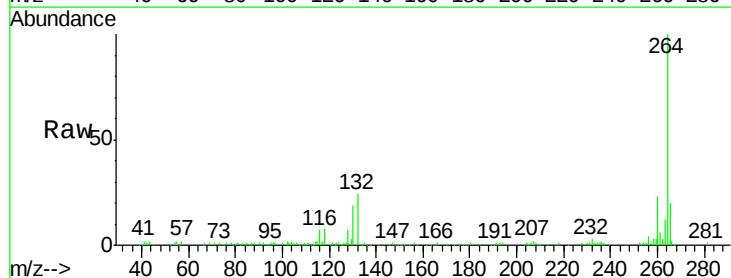


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095360.D
 Acq: 23 May 2017 19:57

Tgt Ion:264 Resp: 182332
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 19.6 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

