

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095041.D
 Acq On : 10 May 2017 1:28
 Operator : SJ/MA
 Sample : I3027-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-5-6-COMP

Quant Time: May 10 05:26:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

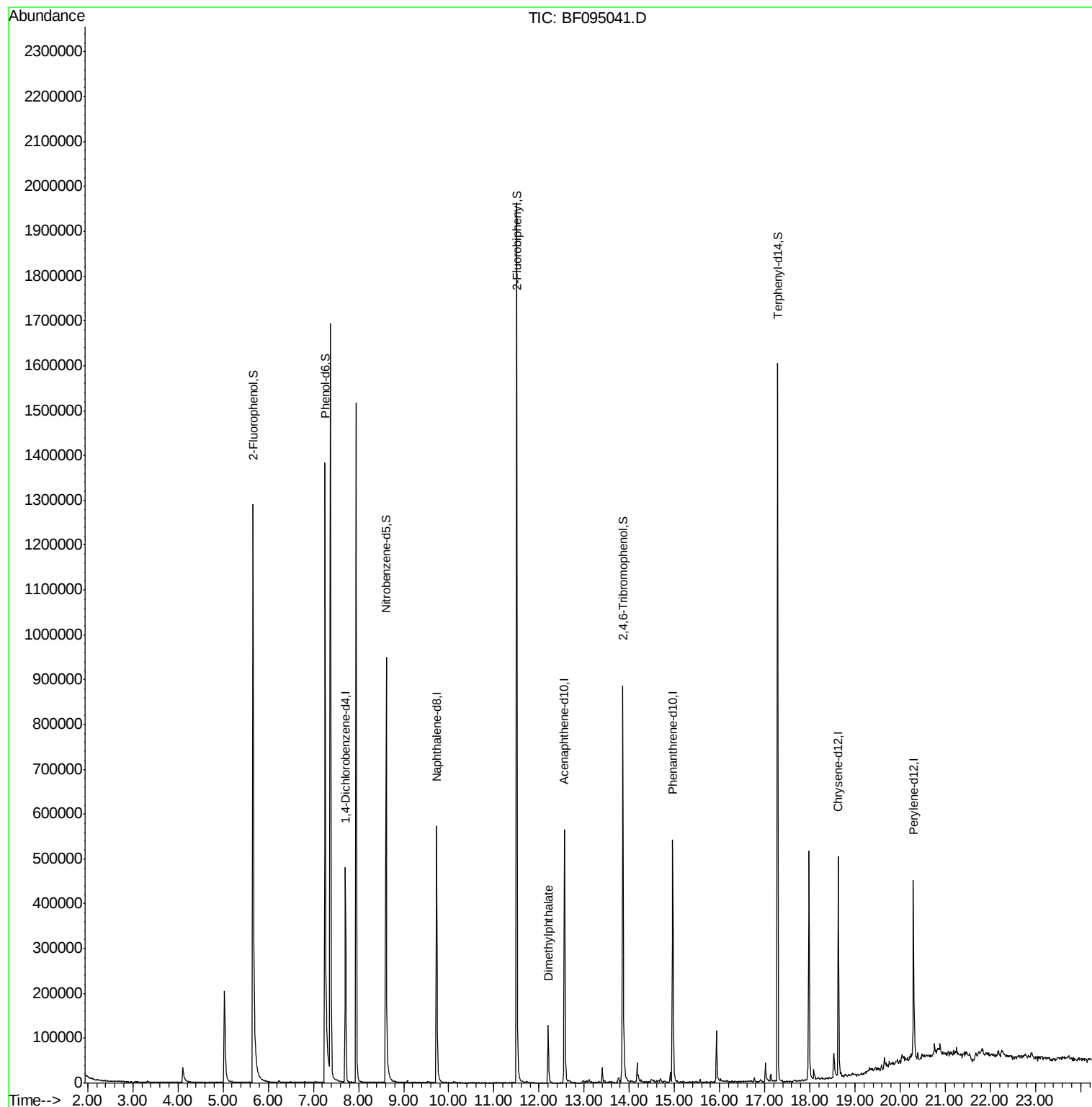
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	100754	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	408641	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	182760	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	307848	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	208225	20.00	ng	-0.02
86) Perylene-d12	20.30	264	187632	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	678072	112.20	ng	-0.01
7) Phenol-d6	7.26	99	833528	114.95	ng	-0.02
23) Nitrobenzene-d5	8.61	82	476996	73.61	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	160578	107.28	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	888044	69.94	ng	-0.02
78) Terphenyl-d14	17.29	244	613658	64.91	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.20	163	87094	5.80	ng	100

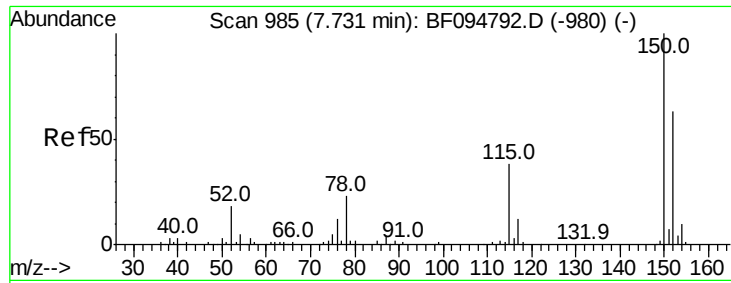
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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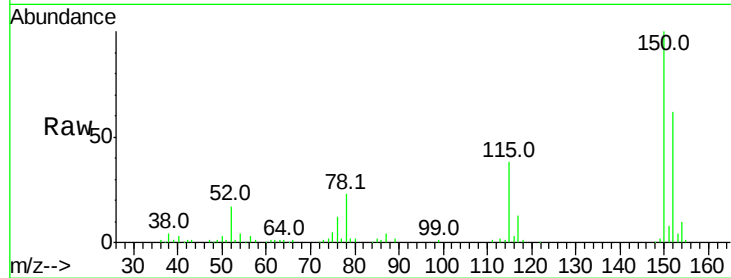


#1

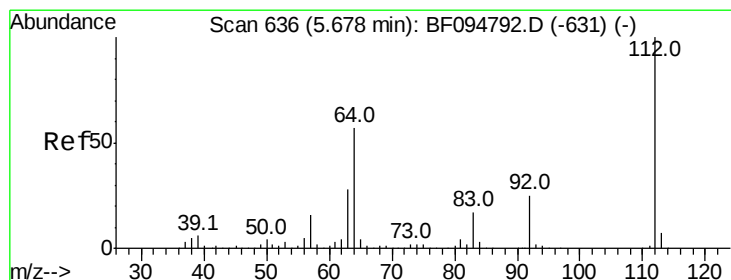
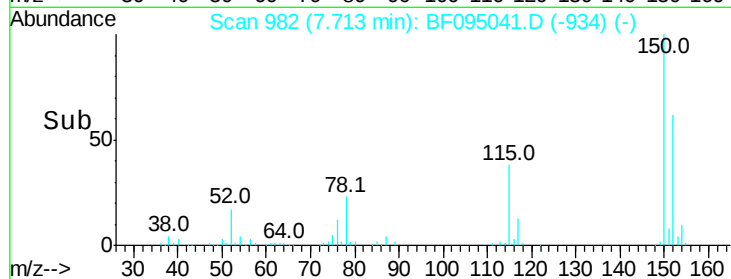
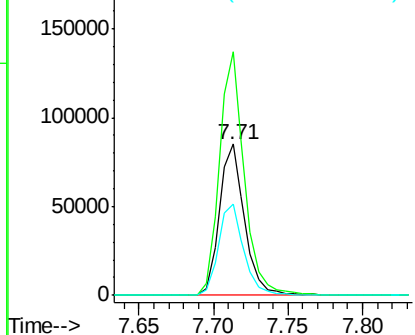
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095041.D
Acq: 10 May 2017 1:28

Instrument :
BNA_F
ClientSampleId :
TP-4-5-6-COMP

Tot Ion:152 Resp: 100754
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.2
115 60.6 52.2 78.2



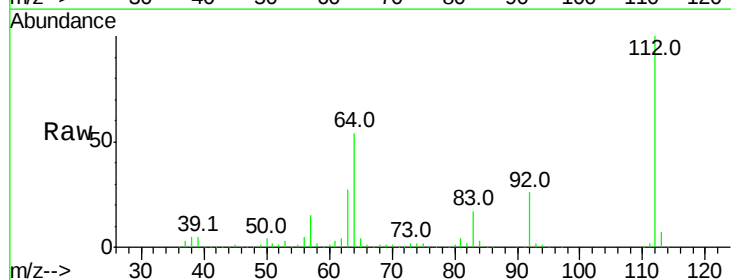
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



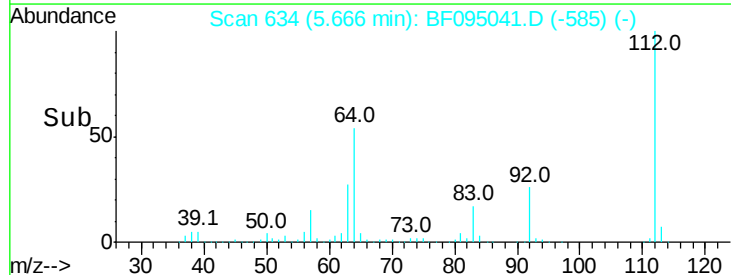
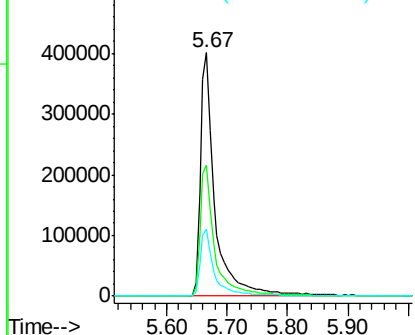
#5

2-Fluorophenol
Concen: 112.20 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF095041.D
Acq: 10 May 2017 1:28

Tgt Ion:112 Resp: 678072
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 27.3 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: 114.95 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

Instrument :

BNA_F

ClientSampleId :

TP-4-5-6-COMP

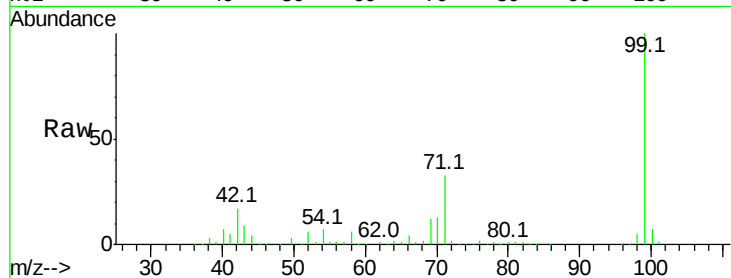
Tot Ion: 99 Resp: 833528

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

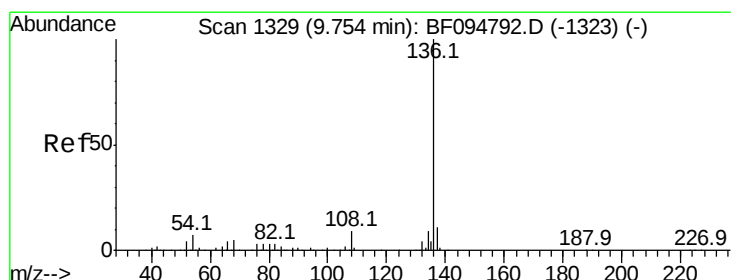
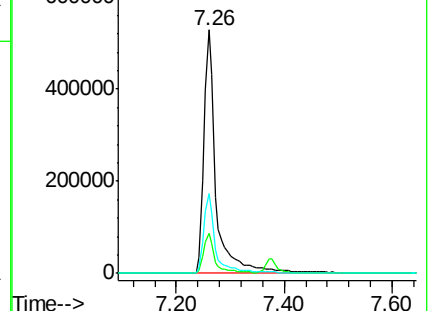
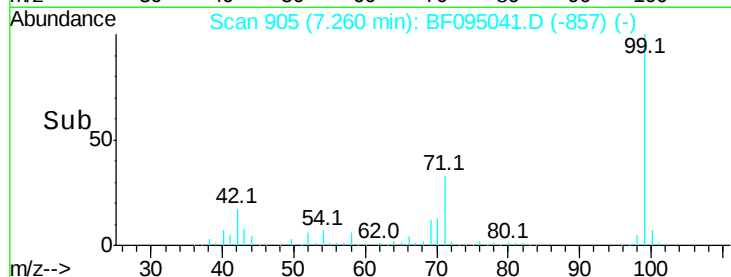
71 32.9 24.5 36.7



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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

Tgt Ion: 136 Resp: 408641

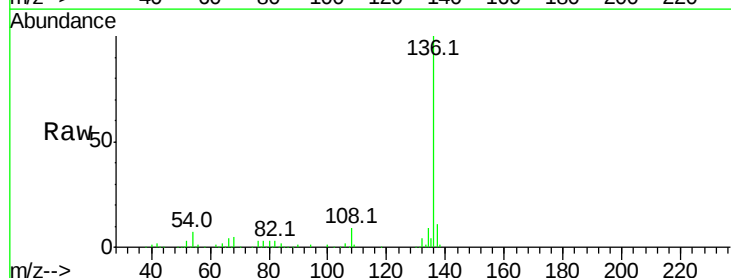
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.0 4.9 7.3

68 5.1 4.1 6.1

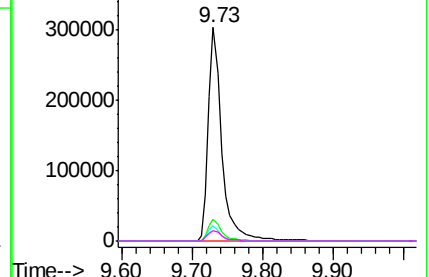
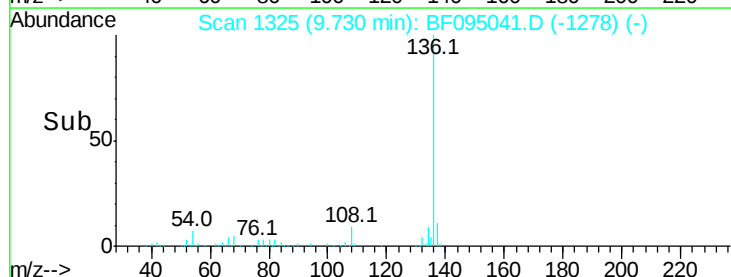


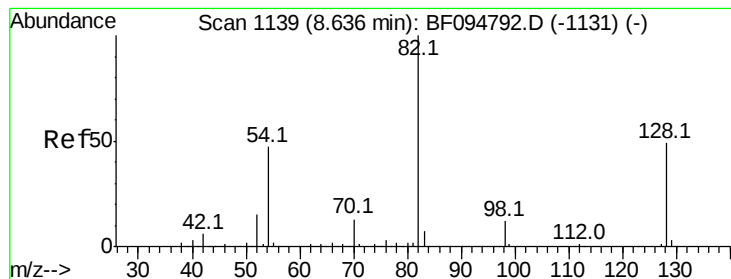
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.61 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

Instrument :

BNA_F

ClientSampleId :

TP-4-5-6-COMP

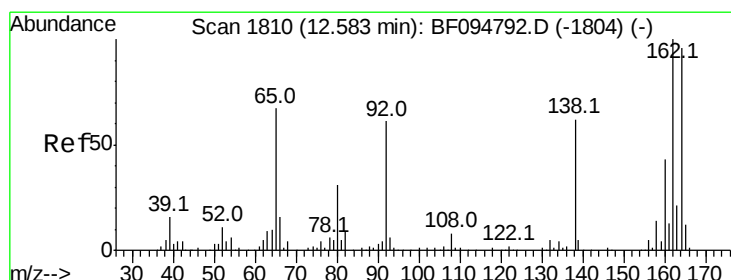
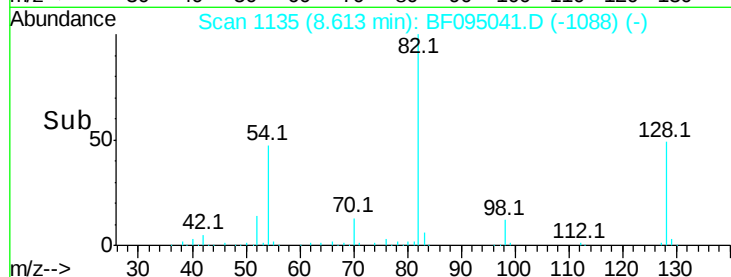
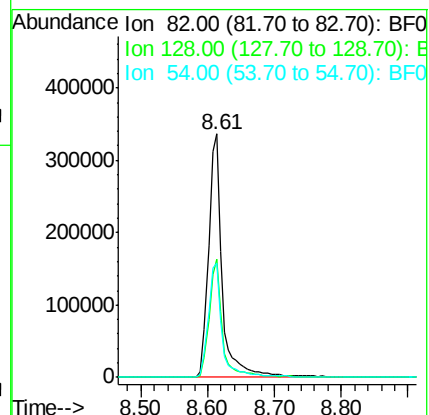
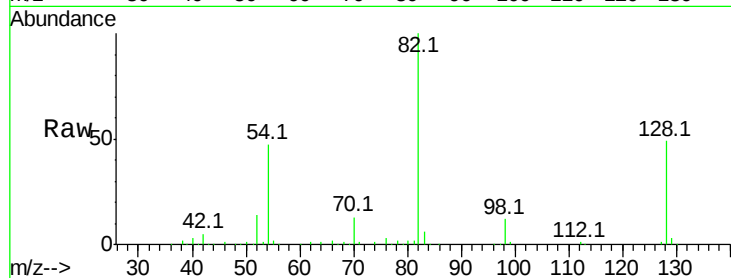
Tot Ion: 82 Resp: 476996

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

54 46.8 42.2 63.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

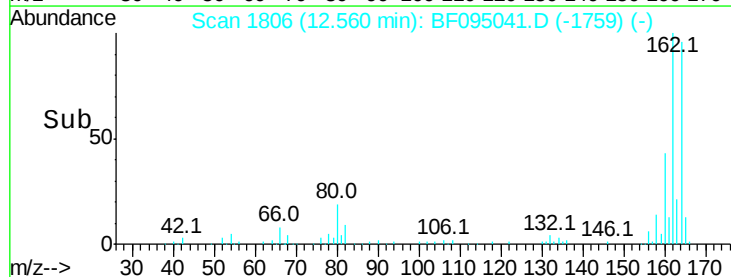
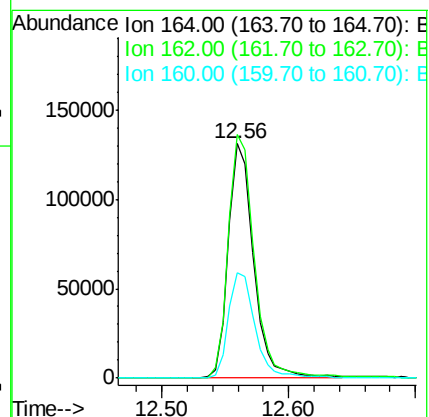
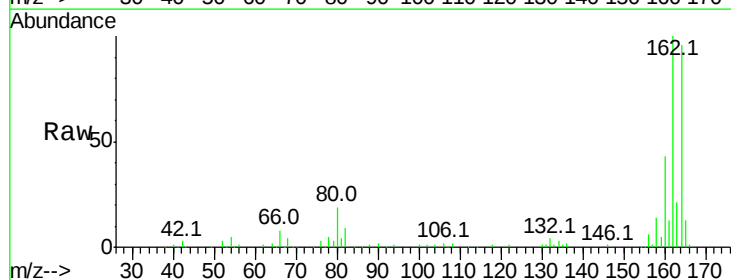
Tgt Ion: 164 Resp: 182760

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

160 44.8 36.2 54.2

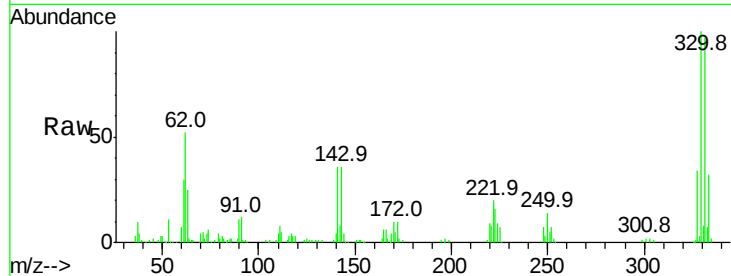




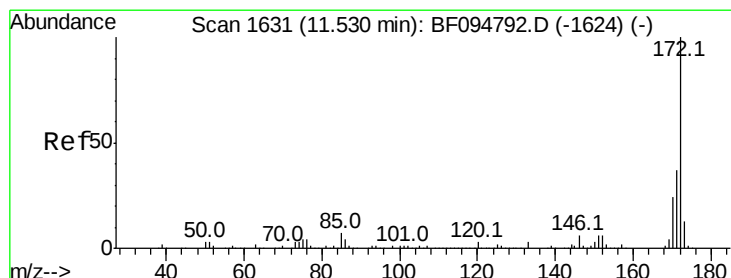
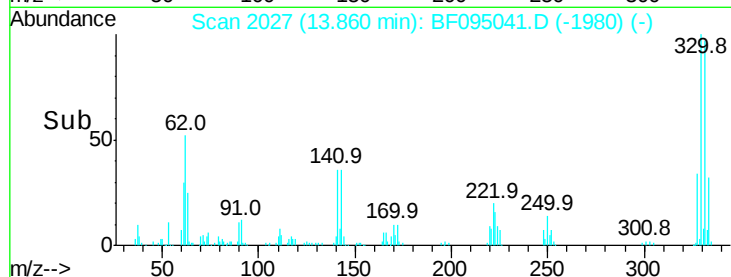
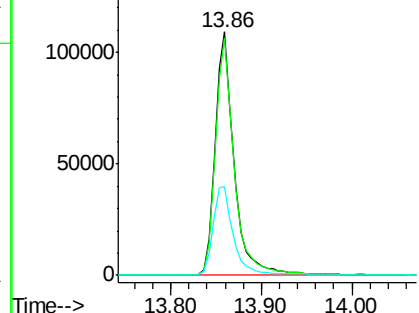
#41
 2,4,6-Tribromophenol
 Concen: 107.28 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095041.D
 Acq: 10 May 2017 1:28

Instrument :
 BNA_F
 ClientSampled :
 TP-4-5-6-COMP

Tot Ion:330 Resp: 160578
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 39.5 31.4 47.2

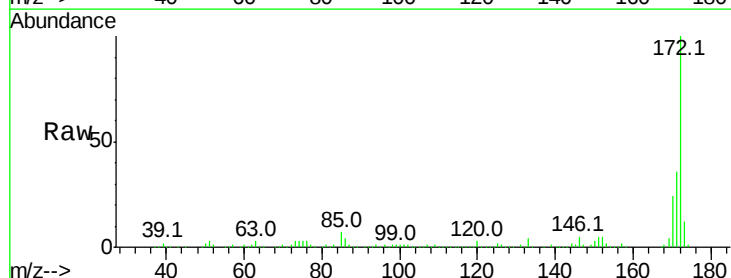


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

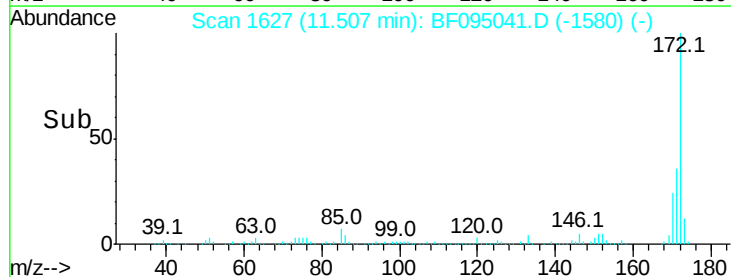
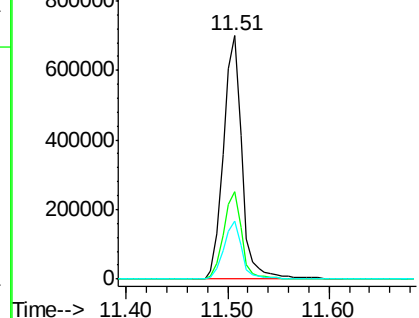


#44
 2-Fluorobiphenyl
 Concen: 69.94 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095041.D
 Acq: 10 May 2017 1:28

Tgt Ion:172 Resp: 888044
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 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: 5.80 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

Instrument :

BNA_F

ClientSampleId :

TP-4-5-6-COMP

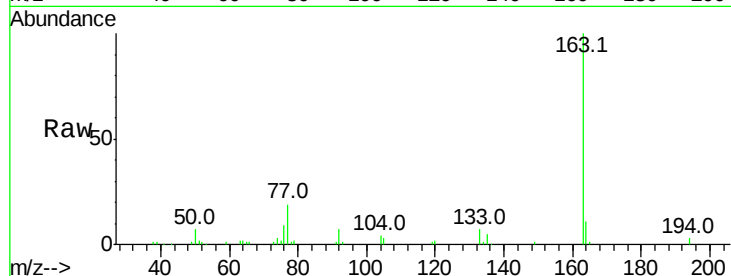
Tot Ion:163 Resp: 87094

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

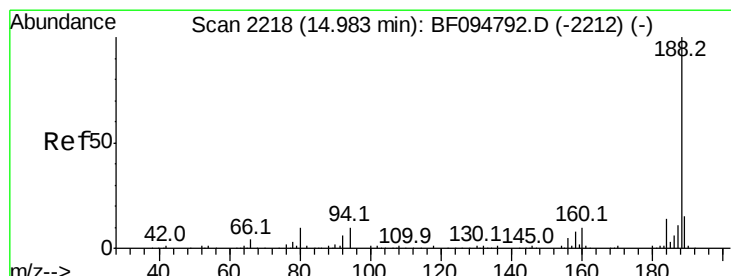
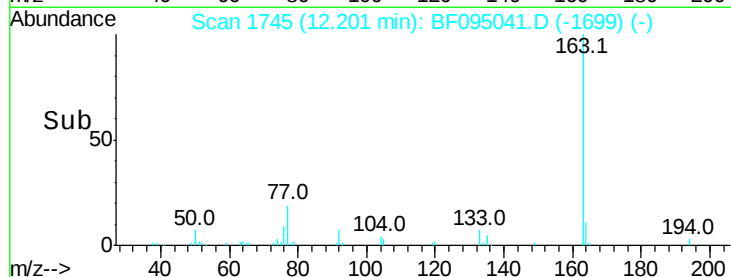
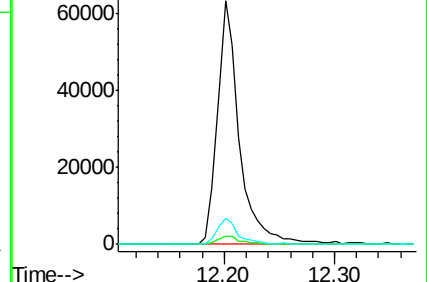
164 10.5 8.4 12.6



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: 14.96 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

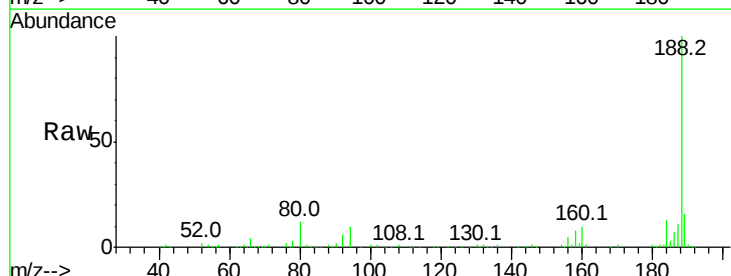
Tgt Ion:188 Resp: 307848

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

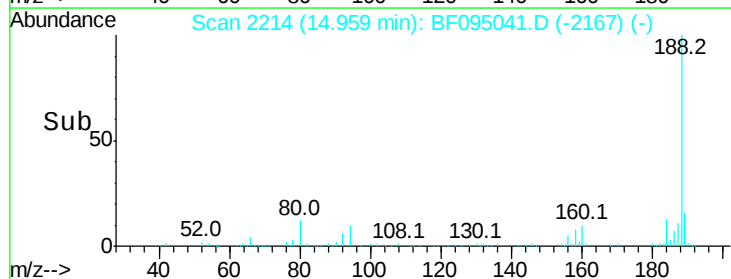
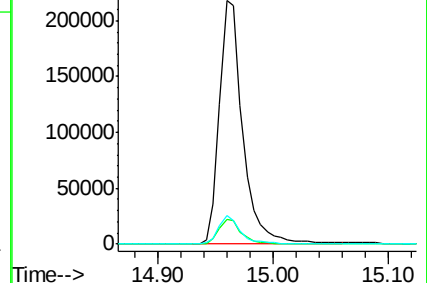
80 11.6 10.2 15.2



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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

Instrument :

BNA_F

ClientSampleId :

TP-4-5-6-COMP

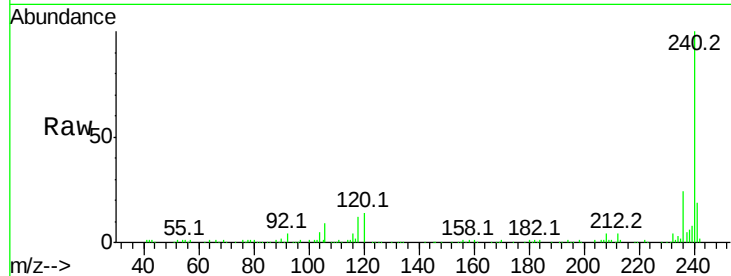
Tot Ion:240 Resp: 208225

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

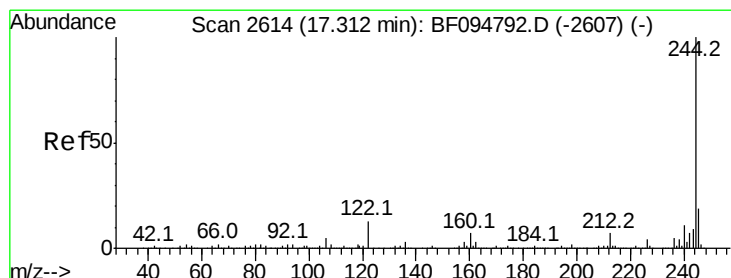
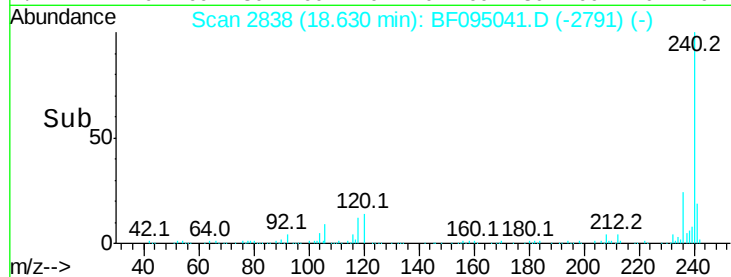
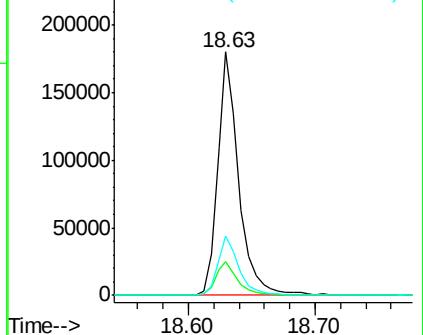
236 24.3 20.5 30.7



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: 64.91 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

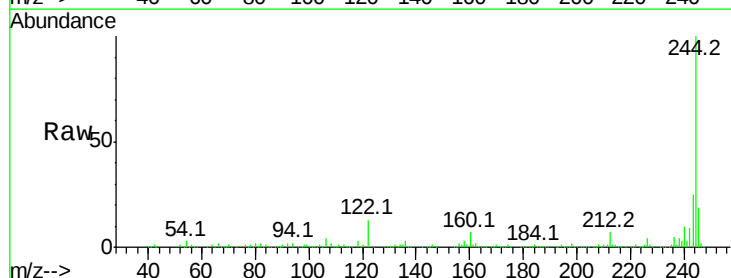
Tgt Ion:244 Resp: 613658

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

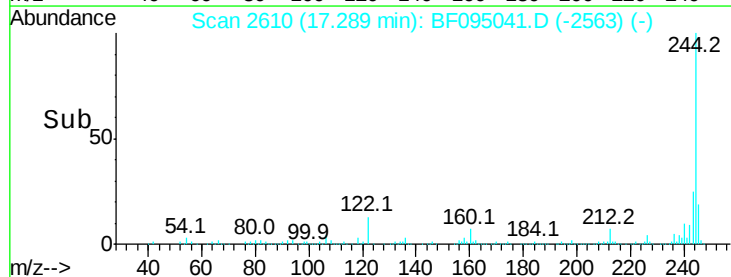
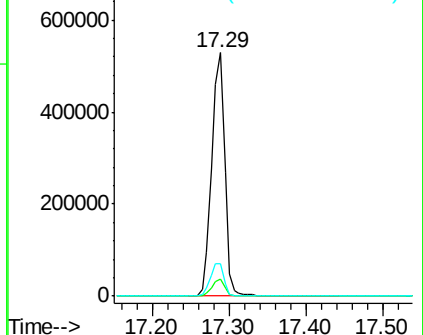
122 13.4 10.3 15.5

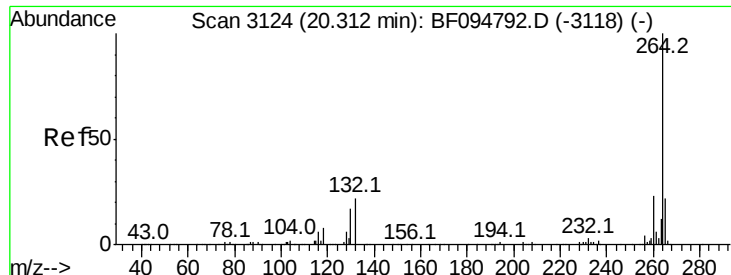


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

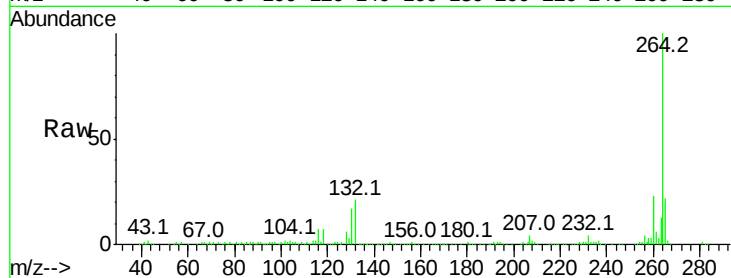




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095041.D
Acq: 10 May 2017 1:28

Instrument :
BNA_F
ClientSampleId :
TP-4-5-6-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.3	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

