

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095062.D
 Acq On : 10 May 2017 18:30
 Operator : SJ/MA
 Sample : I3037-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423B

Quant Time: May 11 07:36:26 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

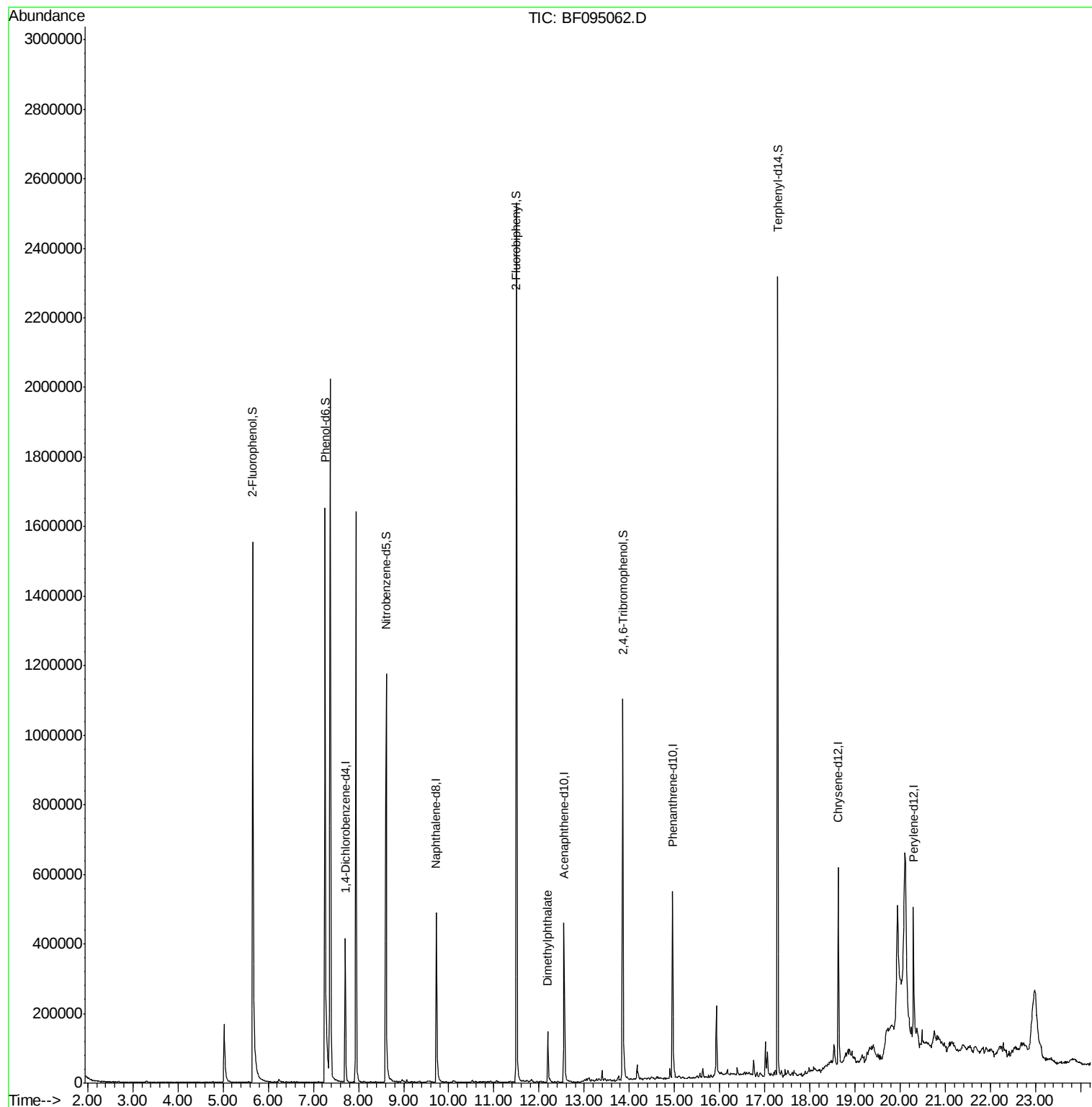
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	85711	20.00	ng	-0.02
21) Naphthalene-d8	9.72	136	349364	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	140997	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	289809	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	248285	20.00	ng	-0.02
86) Perylene-d12	20.30	264	191008	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	815774	158.68	ng	-0.02
7) Phenol-d6	7.26	99	981221	159.07	ng	-0.02
23) Nitrobenzene-d5	8.61	82	582705	105.18	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	193488	167.56	ng	-0.02
44) 2-Fluorobiphenyl	11.50	172	1127282	115.08	ng	-0.03
78) Terphenyl-d14	17.29	244	991917	87.99	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.20	163	92312	7.98	ng	Qvalue 99

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

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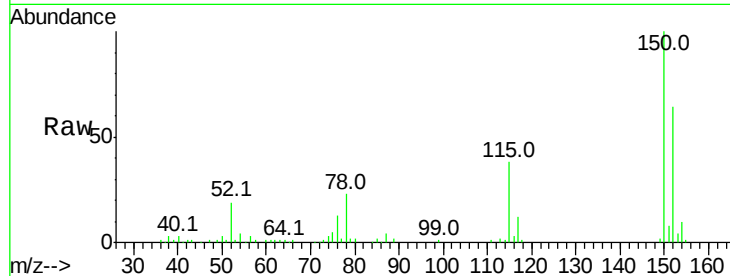


#1

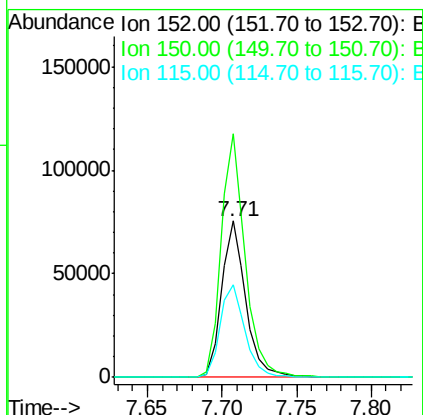
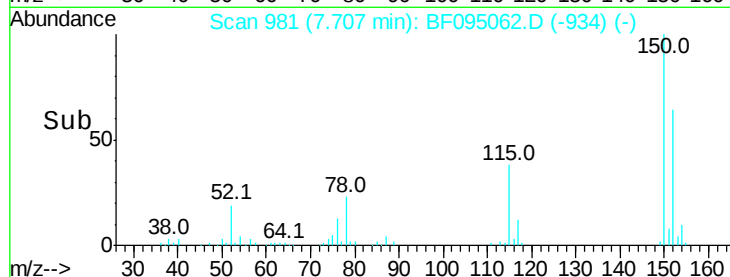
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095062.D
Acq: 10 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
HY-SB423B

Tot Ion:152 Resp: 85711
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 59.1 52.2 78.2



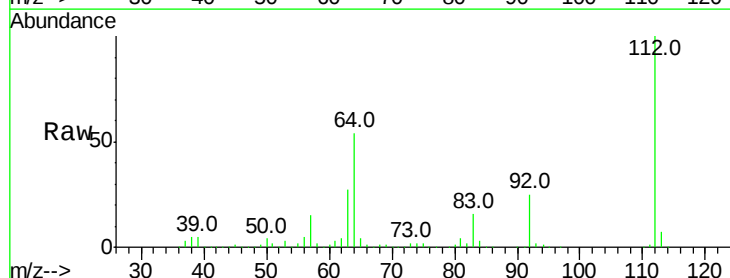
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



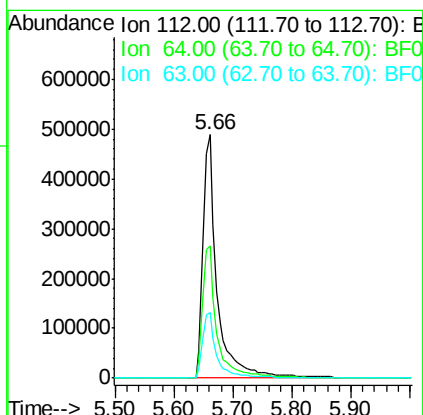
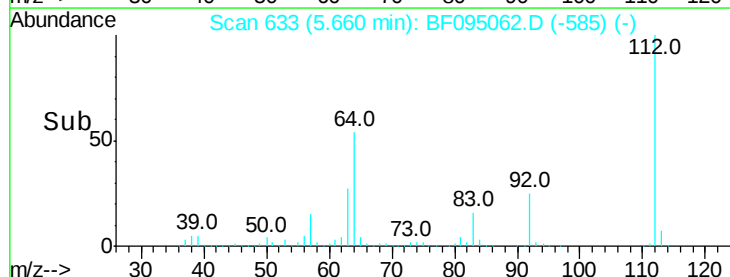
#5

2-Fluorophenol
Concen: 158.68 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF095062.D
Acq: 10 May 2017 18:30

Tgt Ion:112 Resp: 815774
Ion Ratio Lower Upper
112 100
64 54.2 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: 159.07 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095062.D

Acq: 10 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

HY-SB423B

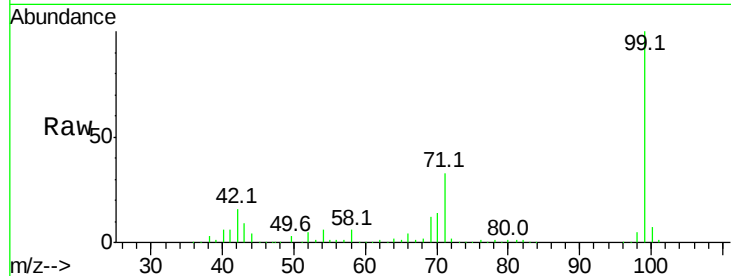
Tot Ion: 99 Resp: 981221

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

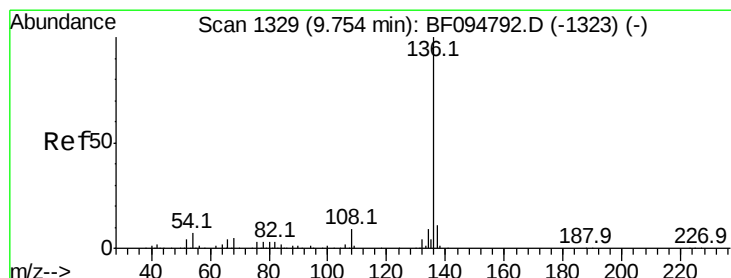
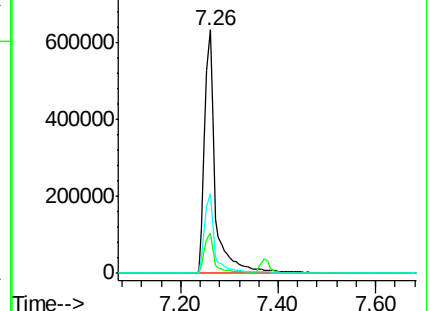
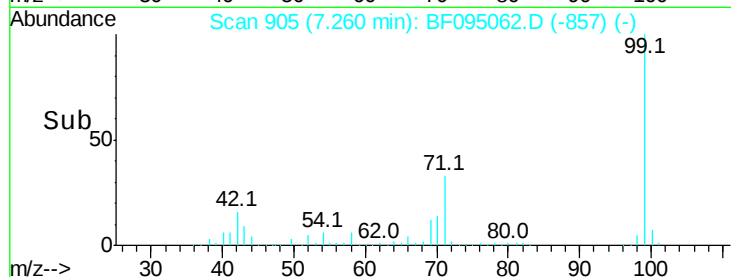
71 32.9 24.5 36.7



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: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095062.D

Acq: 10 May 2017 18:30

Tgt Ion: 136 Resp: 349364

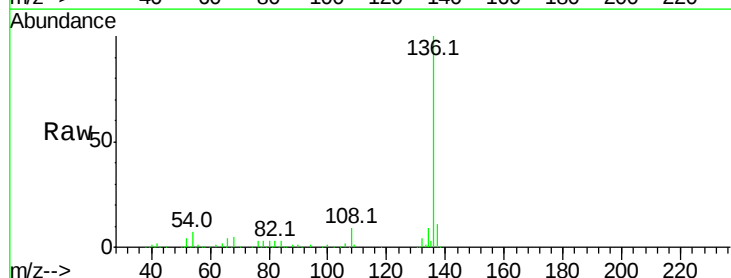
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.2 4.9 7.3

68 5.2 4.1 6.1

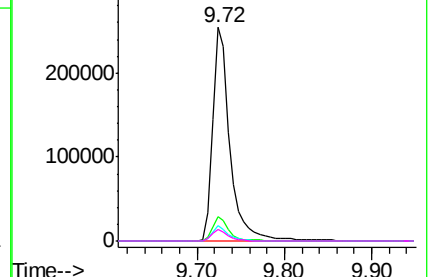
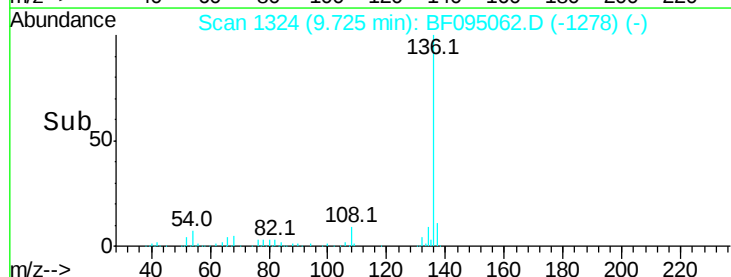


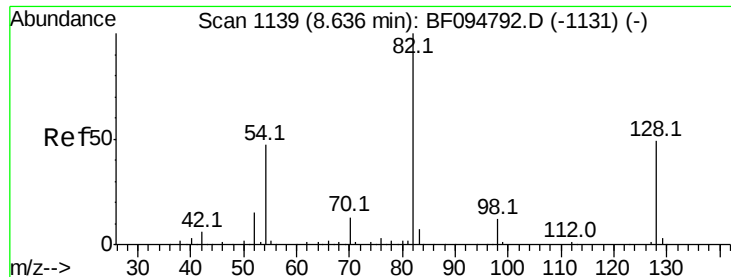
Abundance Ion 136.00 (135.70 to 136.70): E

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

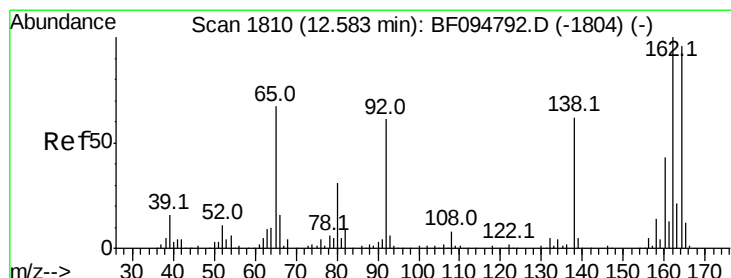
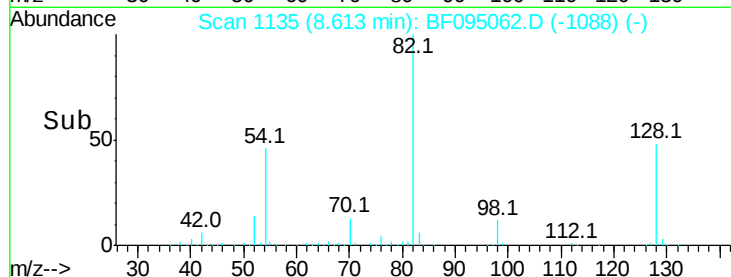
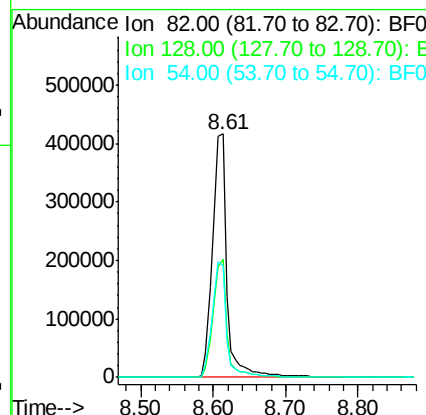
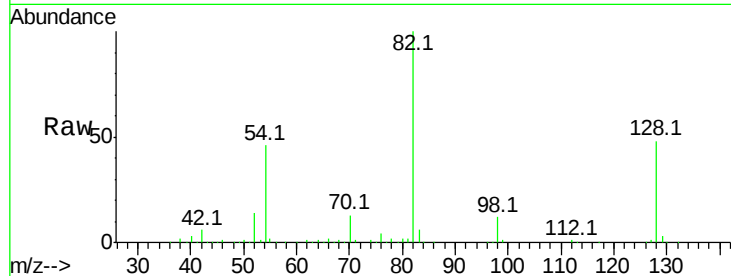




#23
Nitrobenzene-d5
Concen: 105.18 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095062.D
Acq: 10 May 2017 18:30

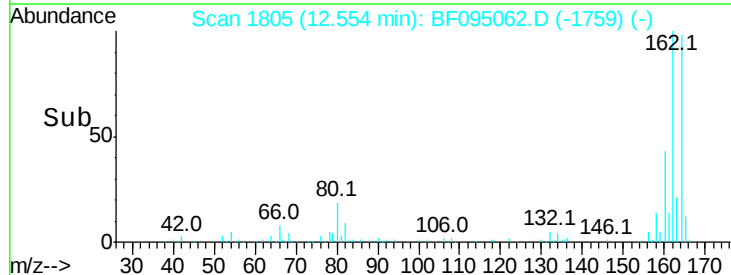
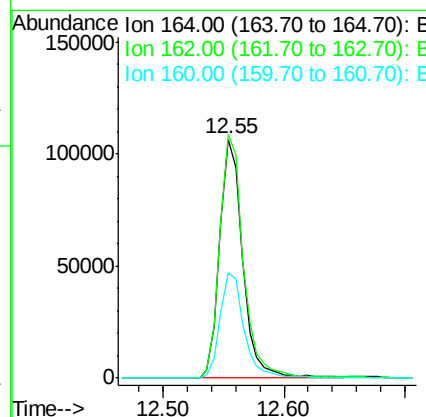
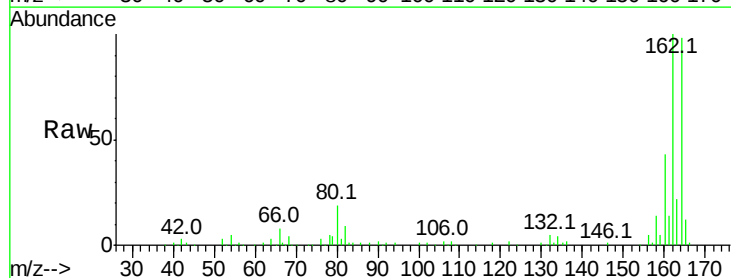
Instrument :
BNA_F
ClientSampleId :
HY-SB423B

Tot Ion	82	Resp	582705
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	45.7	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BF095062.D
Acq: 10 May 2017 18:30

Tgt Ion	164	Resp	140997
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	102.1	36.2	54.2
160	44.1		





#41

2,4,6-Tribromophenol

Concen: 167.56 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095062.D

Acq: 10 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

HY-SB423B

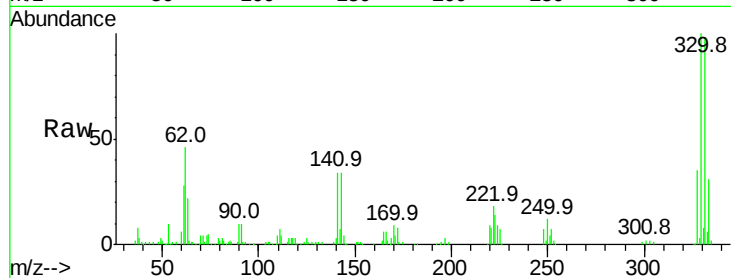
Tot Ion:330 Resp: 193488

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

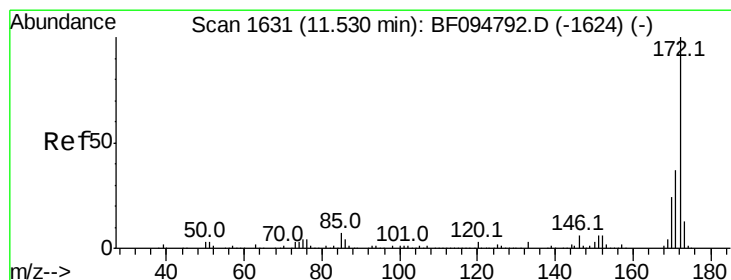
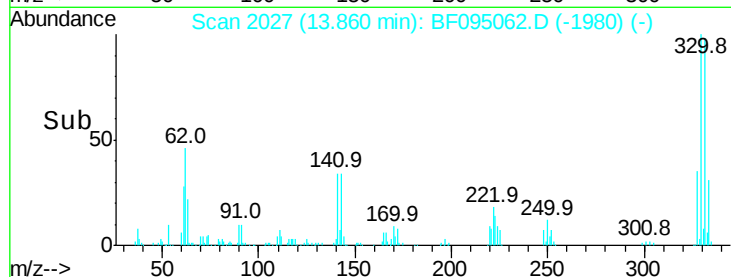
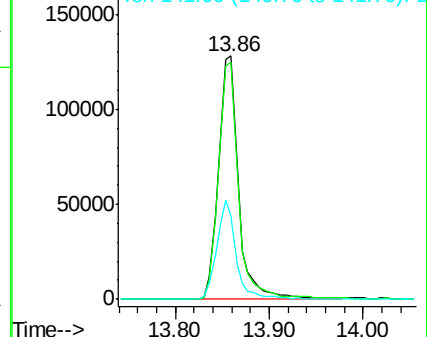
141 39.3 31.4 47.2



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: 115.08 ng

RT: 11.50 min Scan# 1626

Delta R.T. -0.03 min

Lab File: BF095062.D

Acq: 10 May 2017 18:30

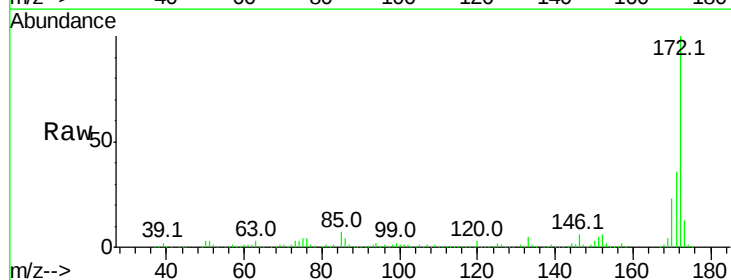
Tgt Ion:172 Resp: 1127282

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

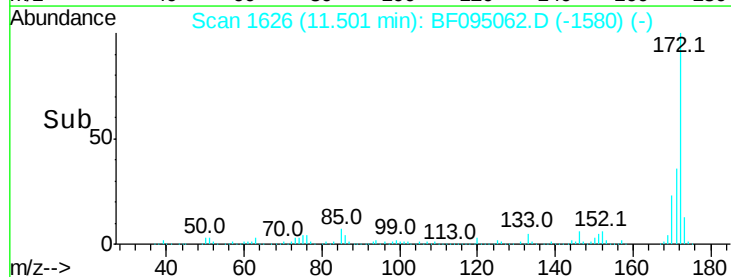
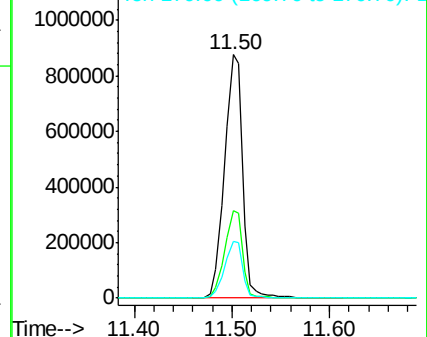
170 23.4 19.8 29.8



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: 7.98 ng

RT: 12.20 min Scan# 1744

Delta R.T. -0.04 min

Lab File: BF095062.D

Acq: 10 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

HY-SB423B

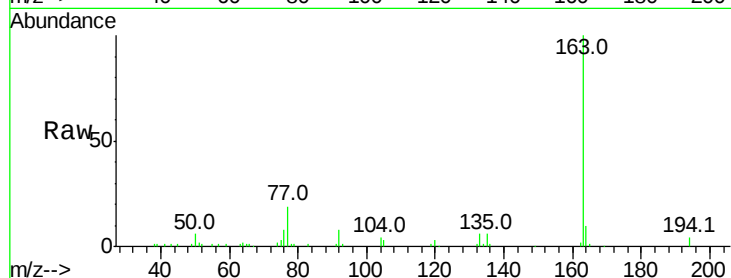
Tot Ion:163 Resp: 92312

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

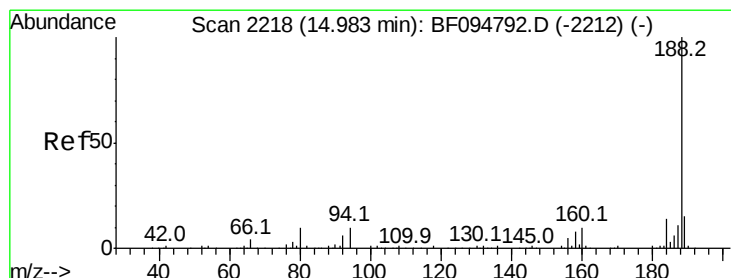
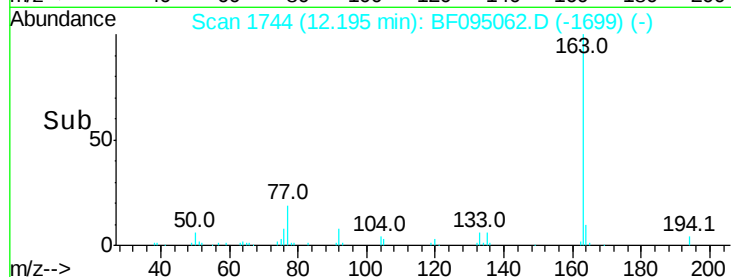
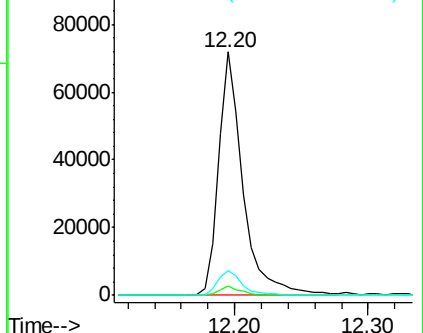
164 10.3 8.4 12.6



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: BF095062.D

Acq: 10 May 2017 18:30

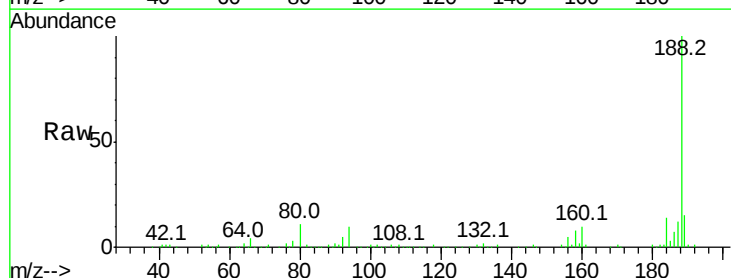
Tgt Ion:188 Resp: 289809

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

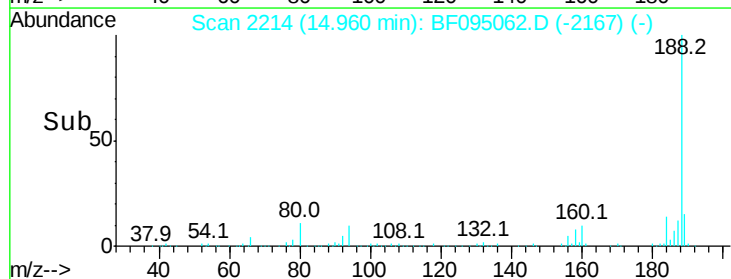
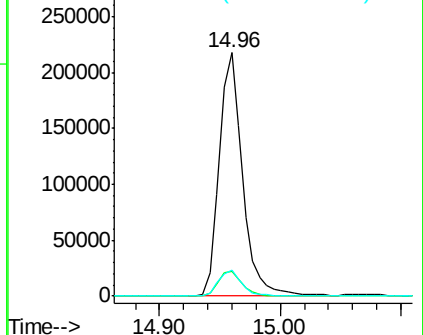
80 10.8 10.2 15.2

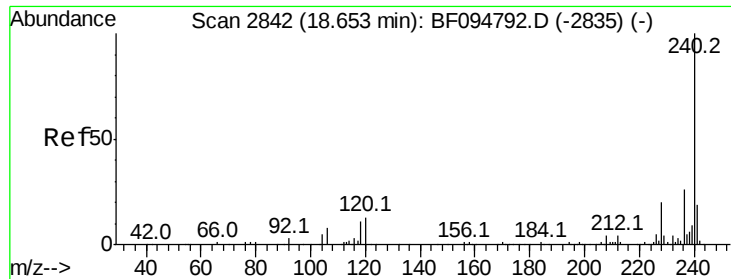


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF095062.D

Acq: 10 May 2017 18:30

Instrument :

BNA_F

ClientSampleID :

HY-SB423B

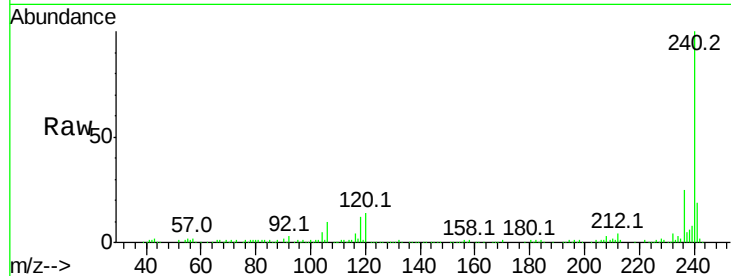
Tot Ion:240 Resp: 248285

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

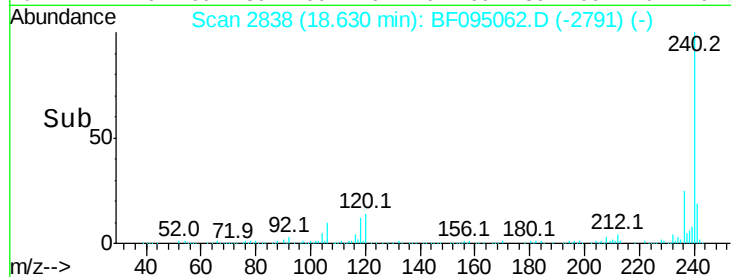
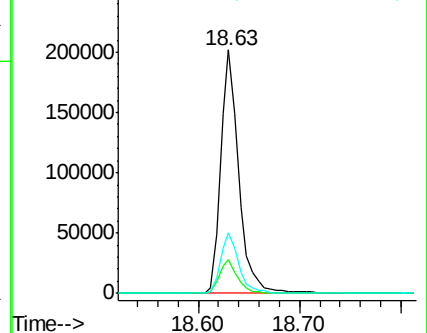
236 24.7 20.5 30.7



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: 87.99 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095062.D

Acq: 10 May 2017 18:30

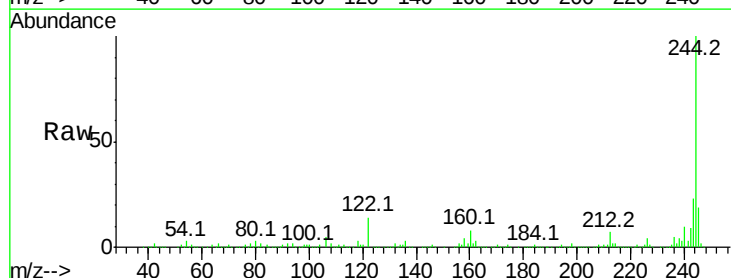
Tgt Ion:244 Resp: 991917

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

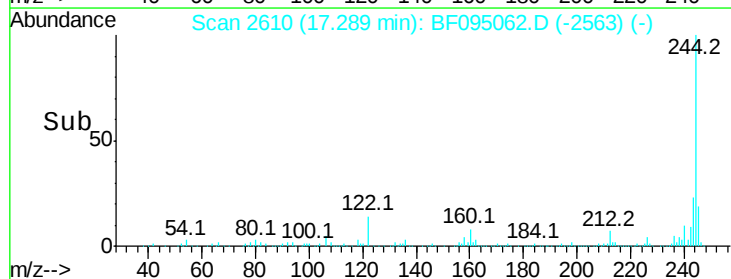
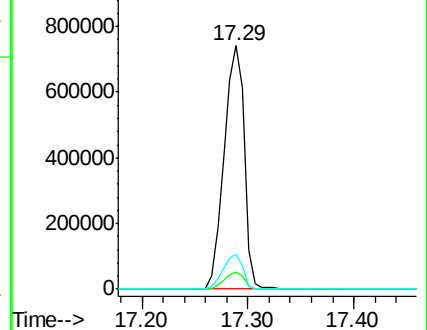
122 14.1 10.3 15.5

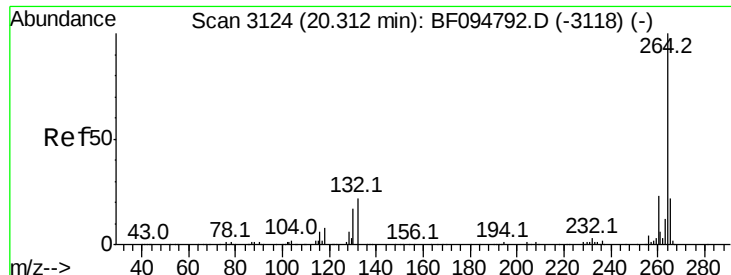


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

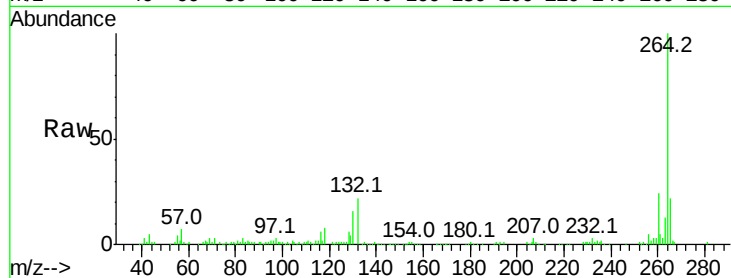




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095062.D
 Acq: 10 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

