

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095466.D
 Acq On : 26 May 2017 17:59
 Operator : SJ/MA
 Sample : I3221-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-01

Quant Time: May 26 18:47:23 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

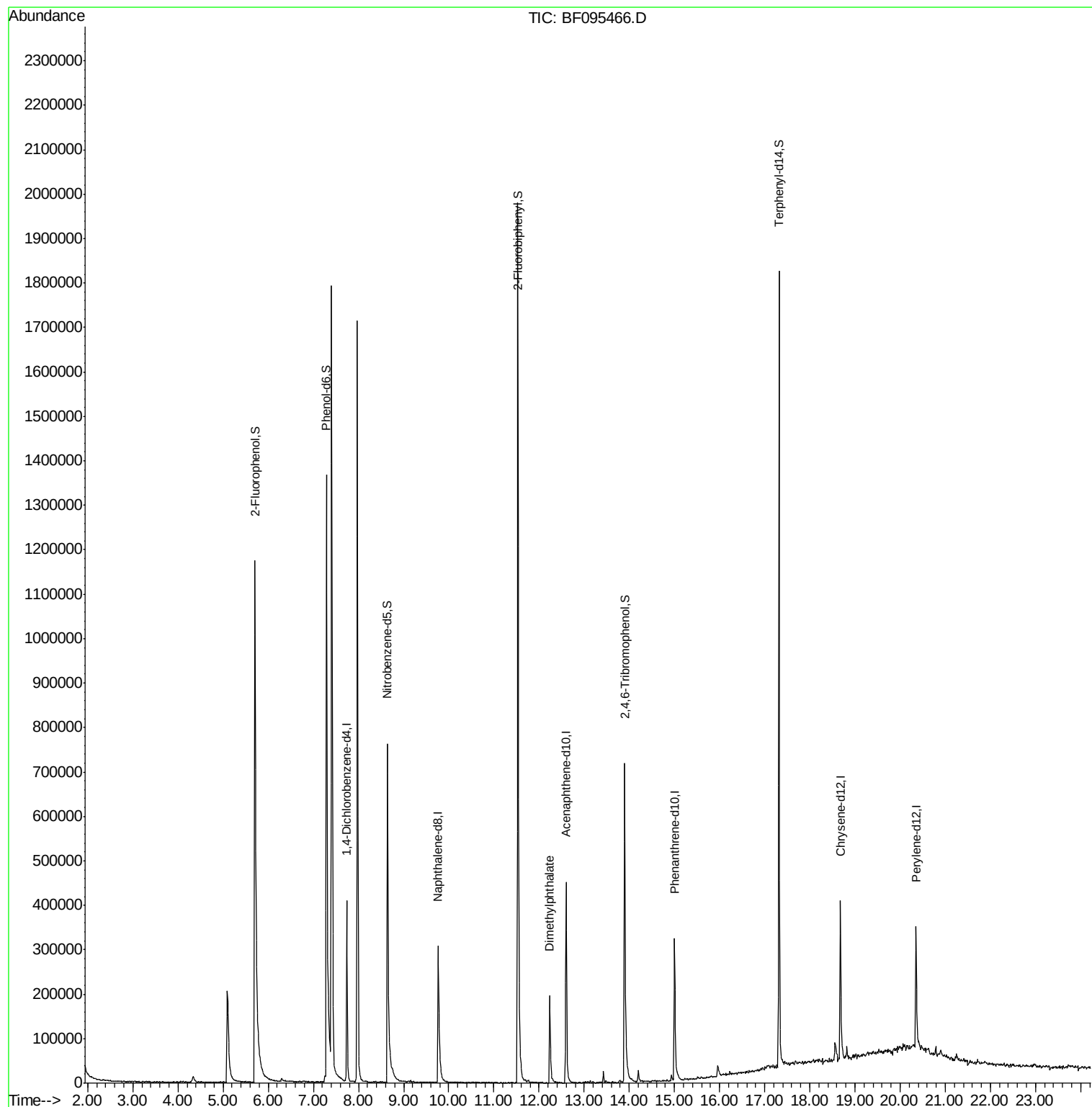
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	89833	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	363567	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	158473	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	231542	20.00	ng	0.00
75) Chrysene-d12	18.68	240	184001	20.00	ng	0.00
86) Perylene-d12	20.35	264	148713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	867766	161.05	ng	0.00
7) Phenol-d6	7.29	99	1014262	156.88	ng	0.00
23) Nitrobenzene-d5	8.64	82	546616	94.81	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	158959	122.48	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1161863	105.53	ng	0.00
78) Terphenyl-d14	17.32	244	703748	84.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.24	163	170597	13.11	ng	Qvalue 99

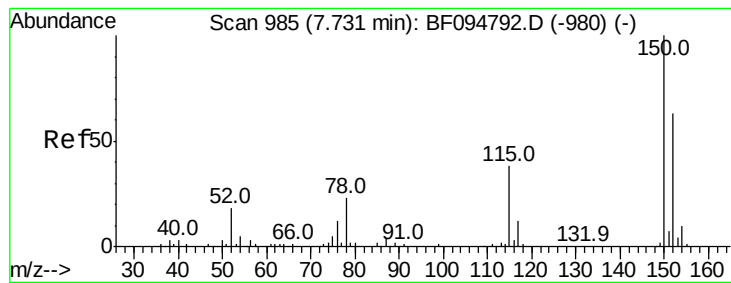
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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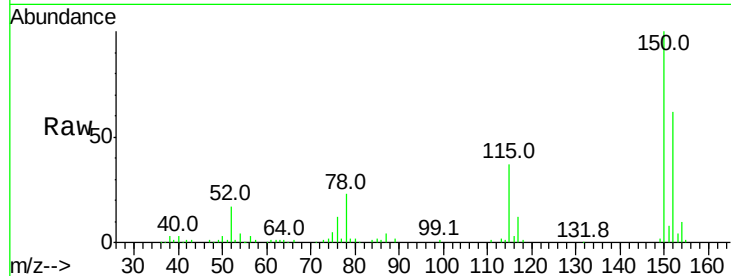


#1

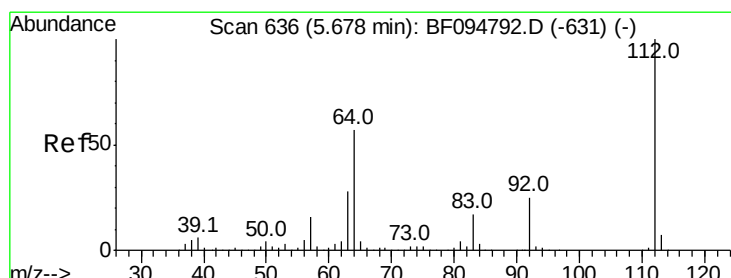
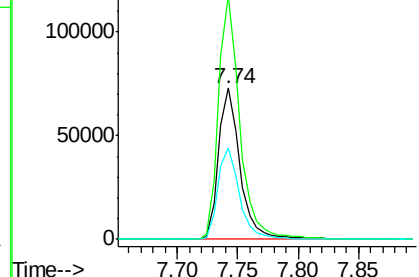
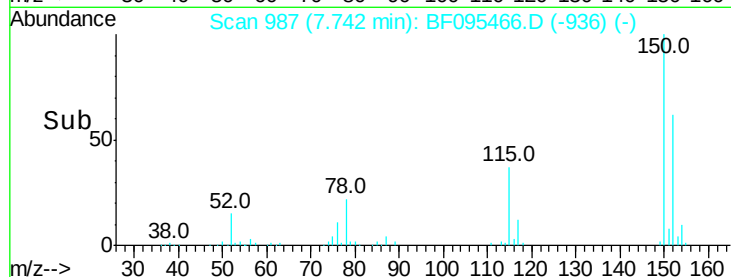
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095466.D
Acq: 26 May 2017 17:59

Instrument :
BNA_F
ClientSampleId :
EX-01

Tot Ion:152 Resp: 89833
Ion Ratio Lower Upper
152 100
150 161.3 126.2 189.2
115 60.4 52.2 78.2



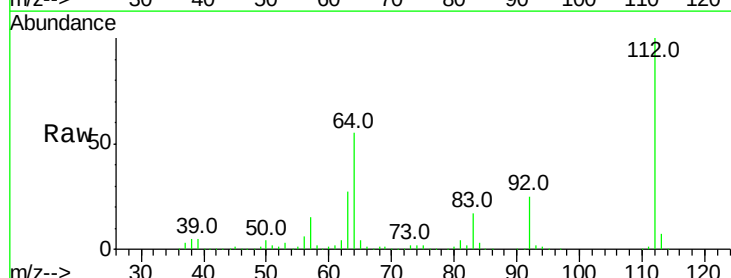
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



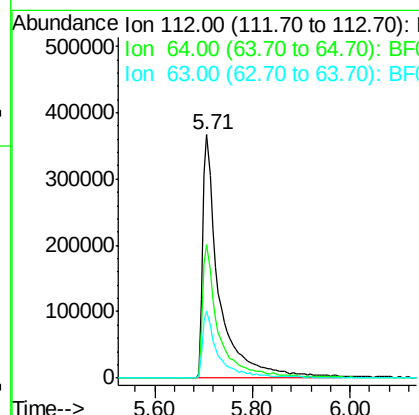
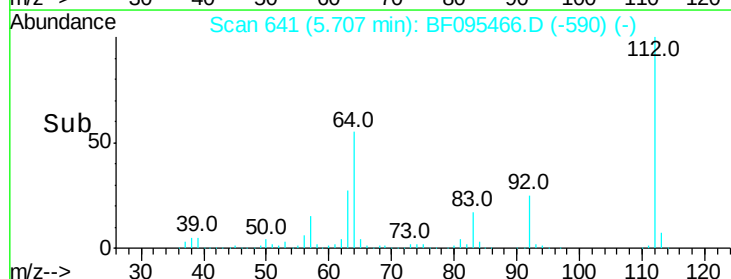
#5

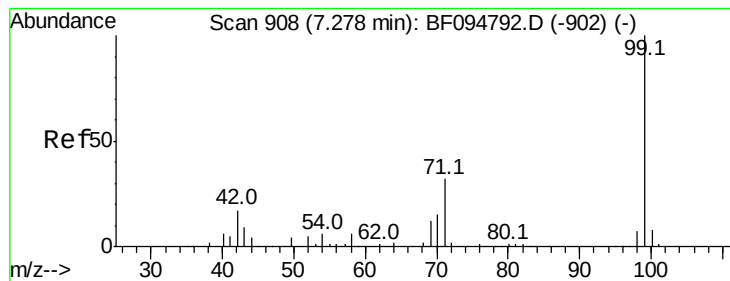
2-Fluorophenol
Concen: 161.05 ng
RT: 5.71 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF095466.D
Acq: 26 May 2017 17:59

Tgt Ion:112 Resp: 867766
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 27.4 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: 156.88 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095466.D

Acq: 26 May 2017 17:59

Instrument :

BNA_F

ClientSampleId :

EX-01

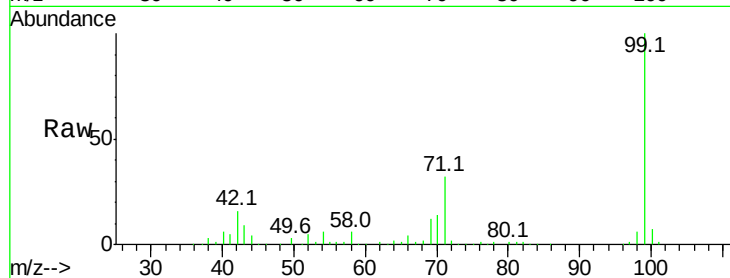
Tot Ion: 99 Resp: 1014262

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

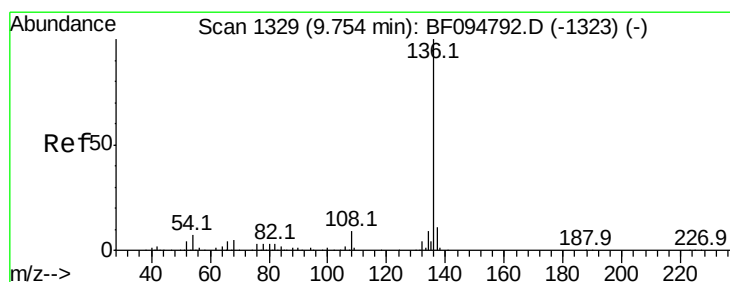
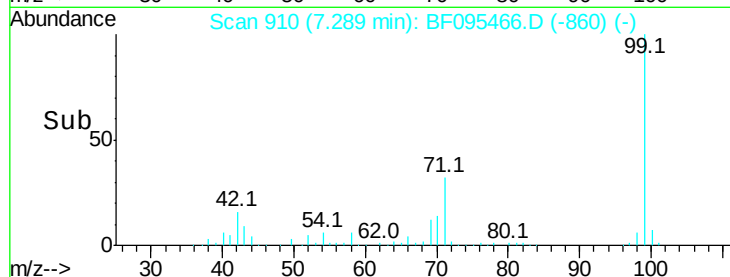
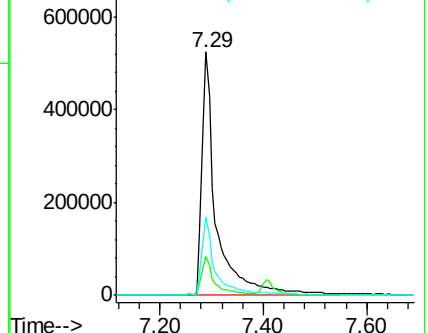
71 32.1 24.5 36.7



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: BF095466.D

Acq: 26 May 2017 17:59

Tgt Ion: 136 Resp: 363567

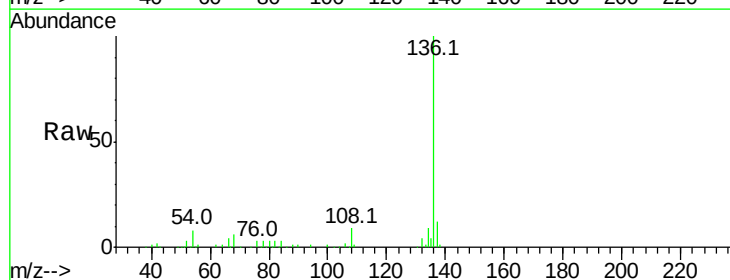
Ion Ratio Lower Upper

136 100

137 12.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.4 4.1 6.1#

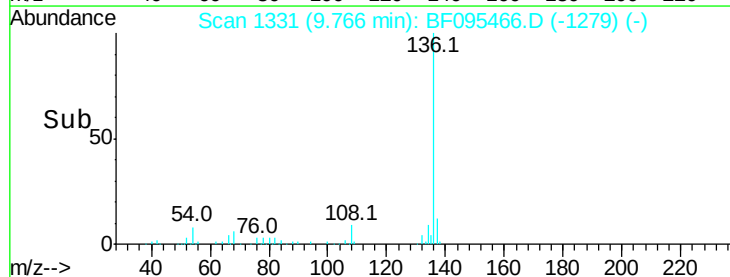
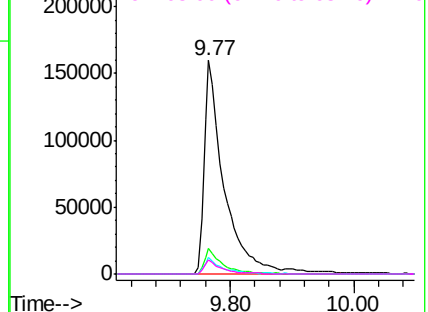


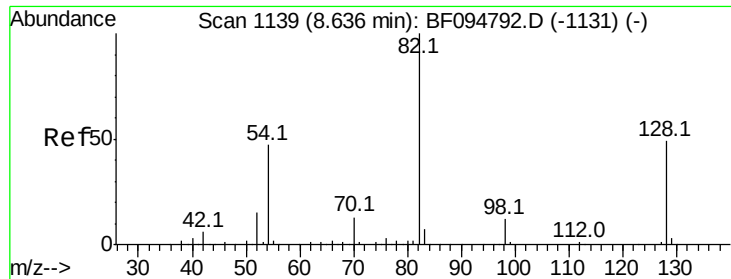
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.81 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF095466.D

Acq: 26 May 2017 17:59

Instrument :

BNA_F

ClientSampleId :

EX-01

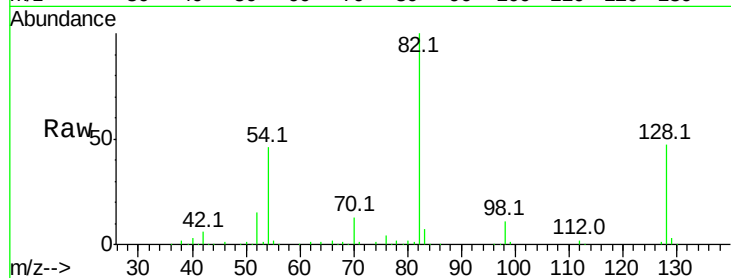
Tot Ion: 82 Resp: 546616

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

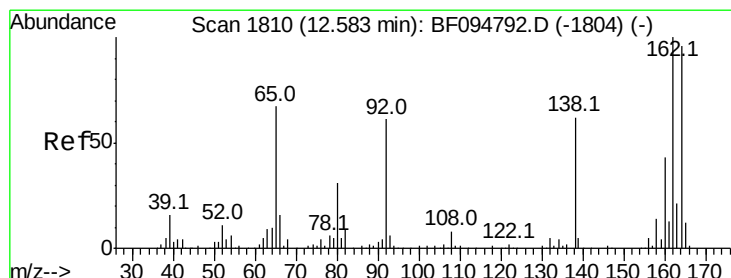
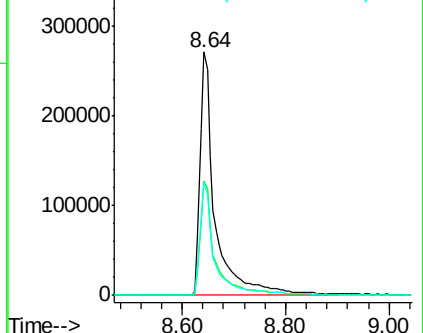
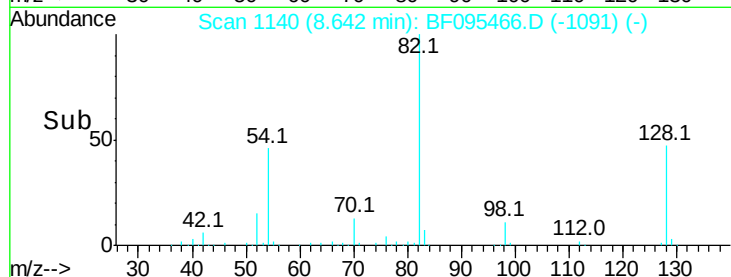
54 46.2 42.2 63.2



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: 12.60 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF095466.D

Acq: 26 May 2017 17:59

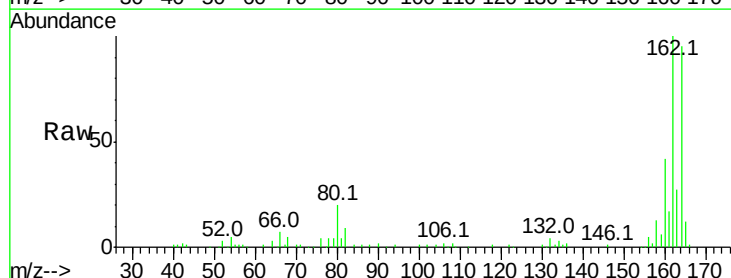
Tgt Ion:164 Resp: 158473

Ion Ratio Lower Upper

164 100

162 105.7 82.6 123.8

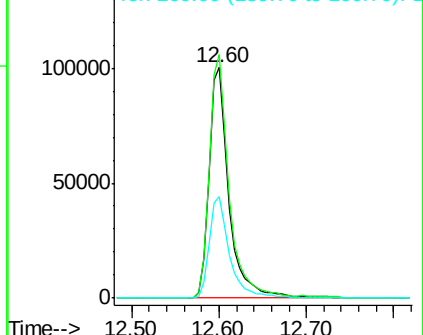
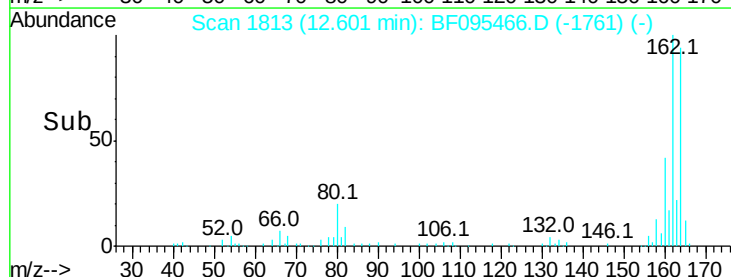
160 43.9 36.2 54.2

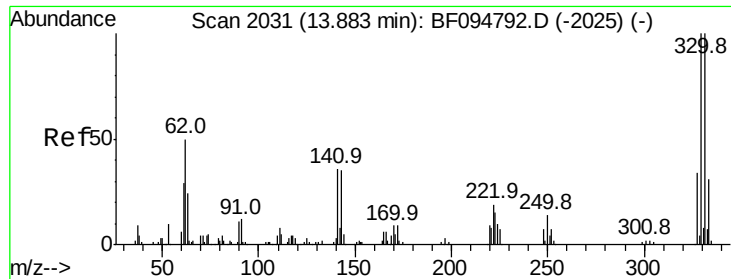


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

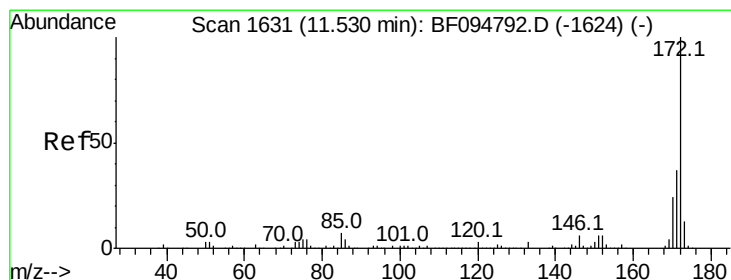
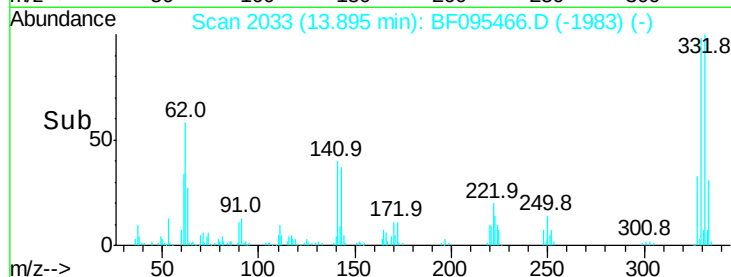
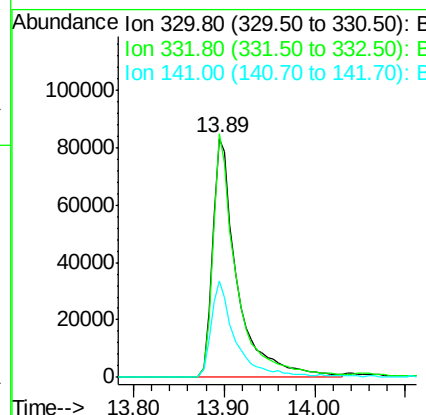
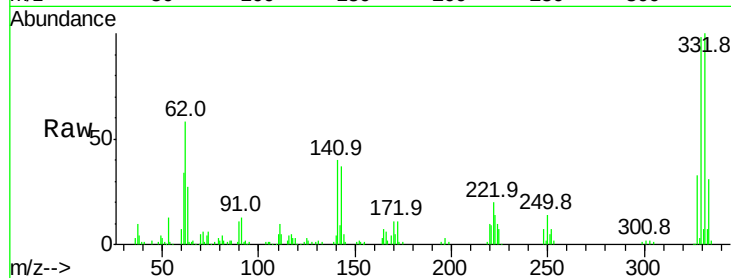




#41
 2,4,6-Tribromophenol
 Concen: 122.48 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095466.D
 Acq: 26 May 2017 17:59

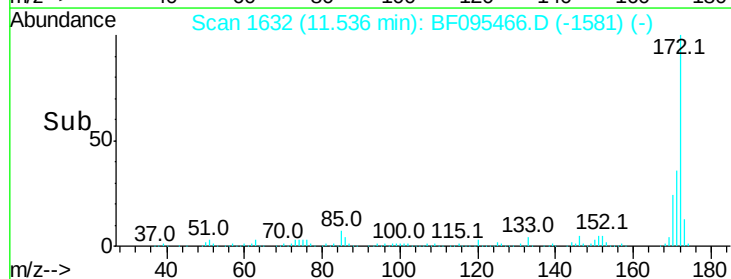
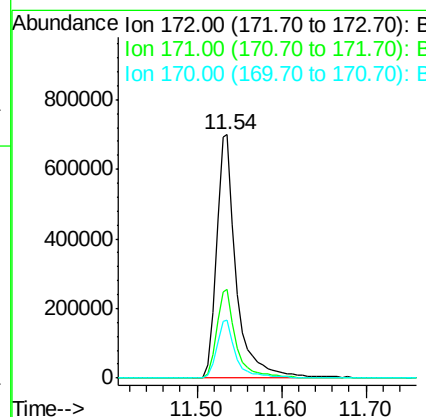
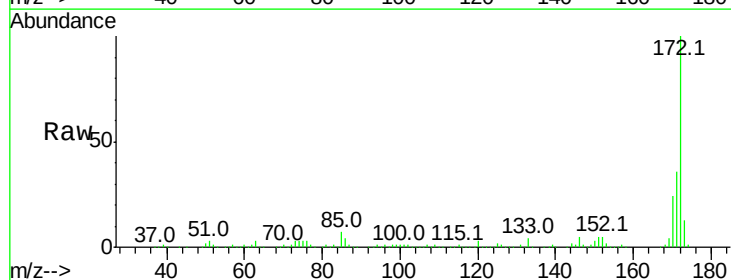
Instrument :
 BNA_F
 ClientSampleId :
 EX-01

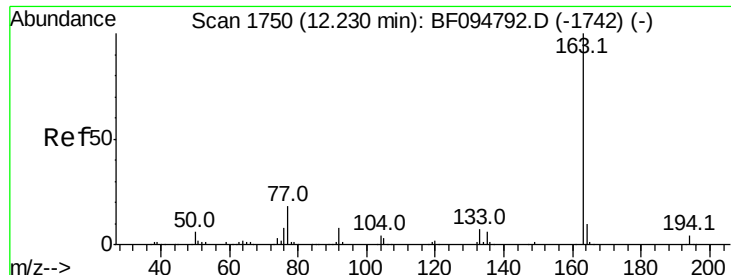
Tot Ion:330 Resp: 158959
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 105.53 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095466.D
 Acq: 26 May 2017 17:59

Tgt Ion:172 Resp: 1161863
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 19.8 29.8





#49

Dimethylphthalate

Concen: 13.11 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF095466.D

Acq: 26 May 2017 17:59

Instrument :

BNA_F

ClientSampleId :

EX-01

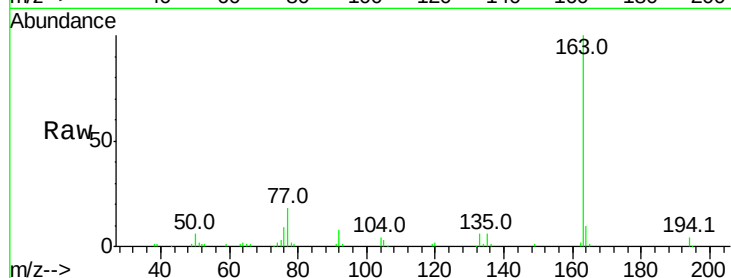
Tot Ion:163 Resp: 170597

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

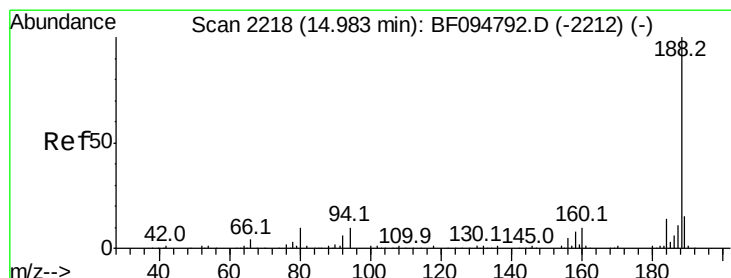
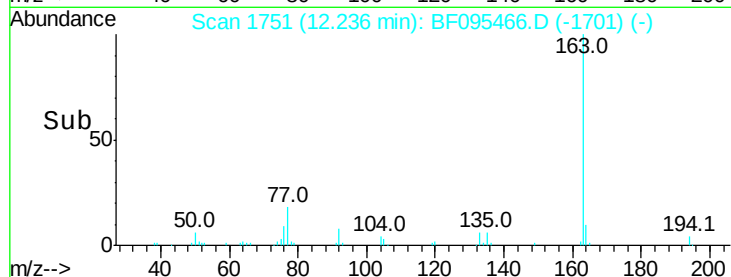
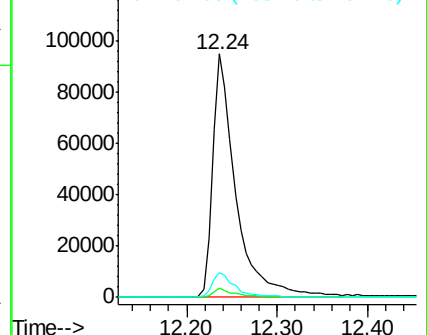
164 10.4 8.4 12.6



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: BF095466.D

Acq: 26 May 2017 17:59

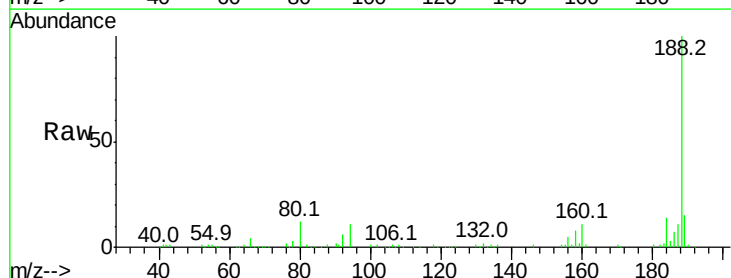
Tgt Ion:188 Resp: 231542

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

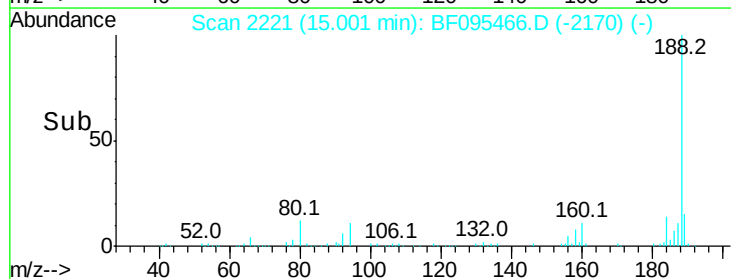
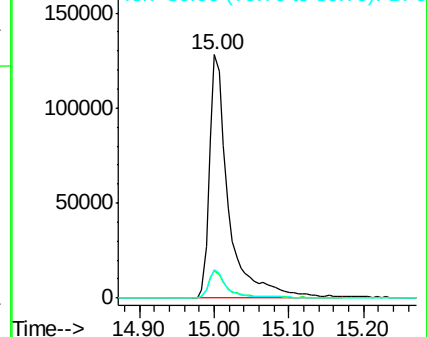
80 11.9 10.2 15.2

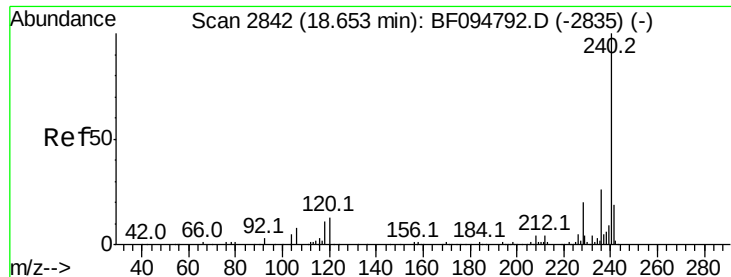


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BF095466.D

Acq: 26 May 2017 17:59

Instrument :

BNA_F

ClientSampleId :

EX-01

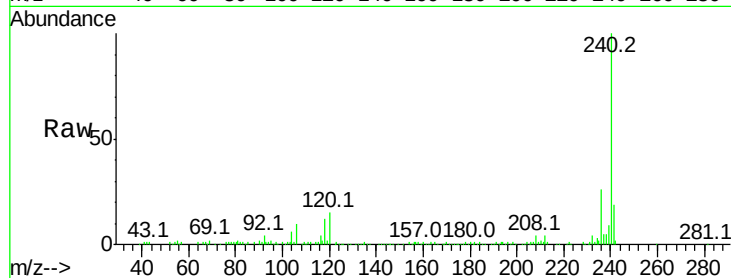
Tot Ion:240 Resp: 184001

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

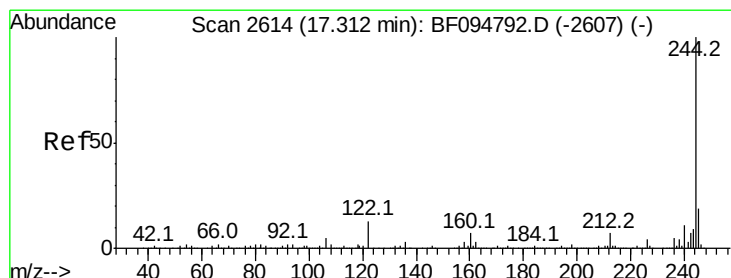
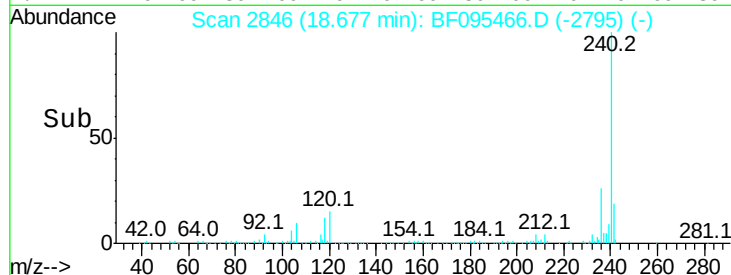
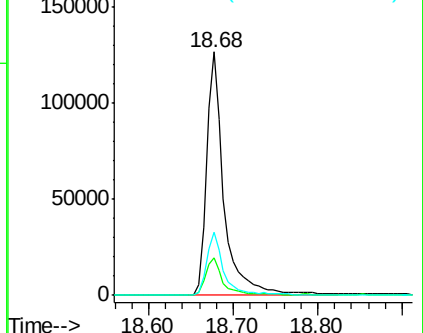
236 26.0 20.5 30.7



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: 84.24 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095466.D

Acq: 26 May 2017 17:59

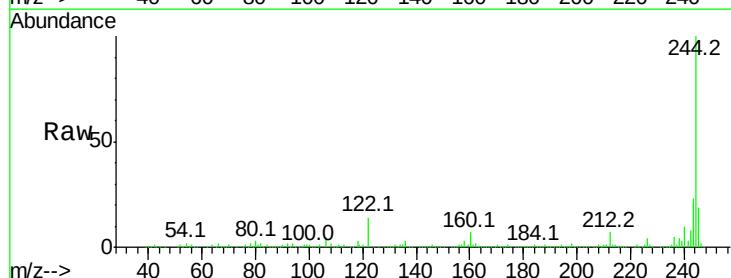
Tgt Ion:244 Resp: 703748

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

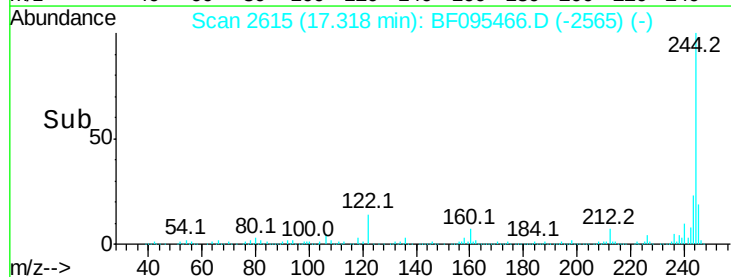
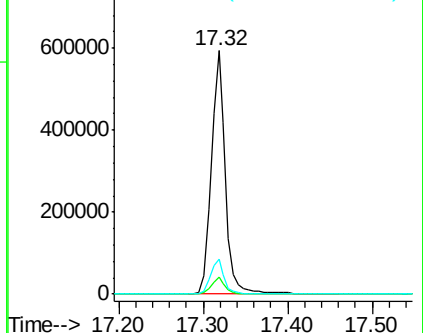
122 14.5 10.3 15.5

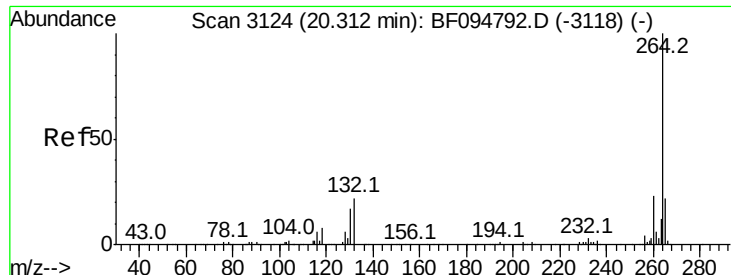


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

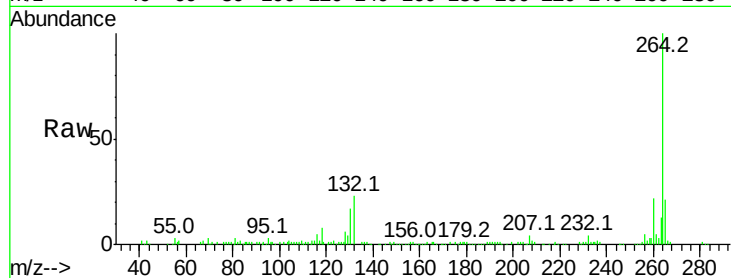




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BF095466.D
 Acq: 26 May 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 EX-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	21.0	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

