

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095335.D
 Acq On : 23 May 2017 4:34
 Operator : SJ/MA
 Sample : I3249-30
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16COMP

Quant Time: May 23 05:17:24 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

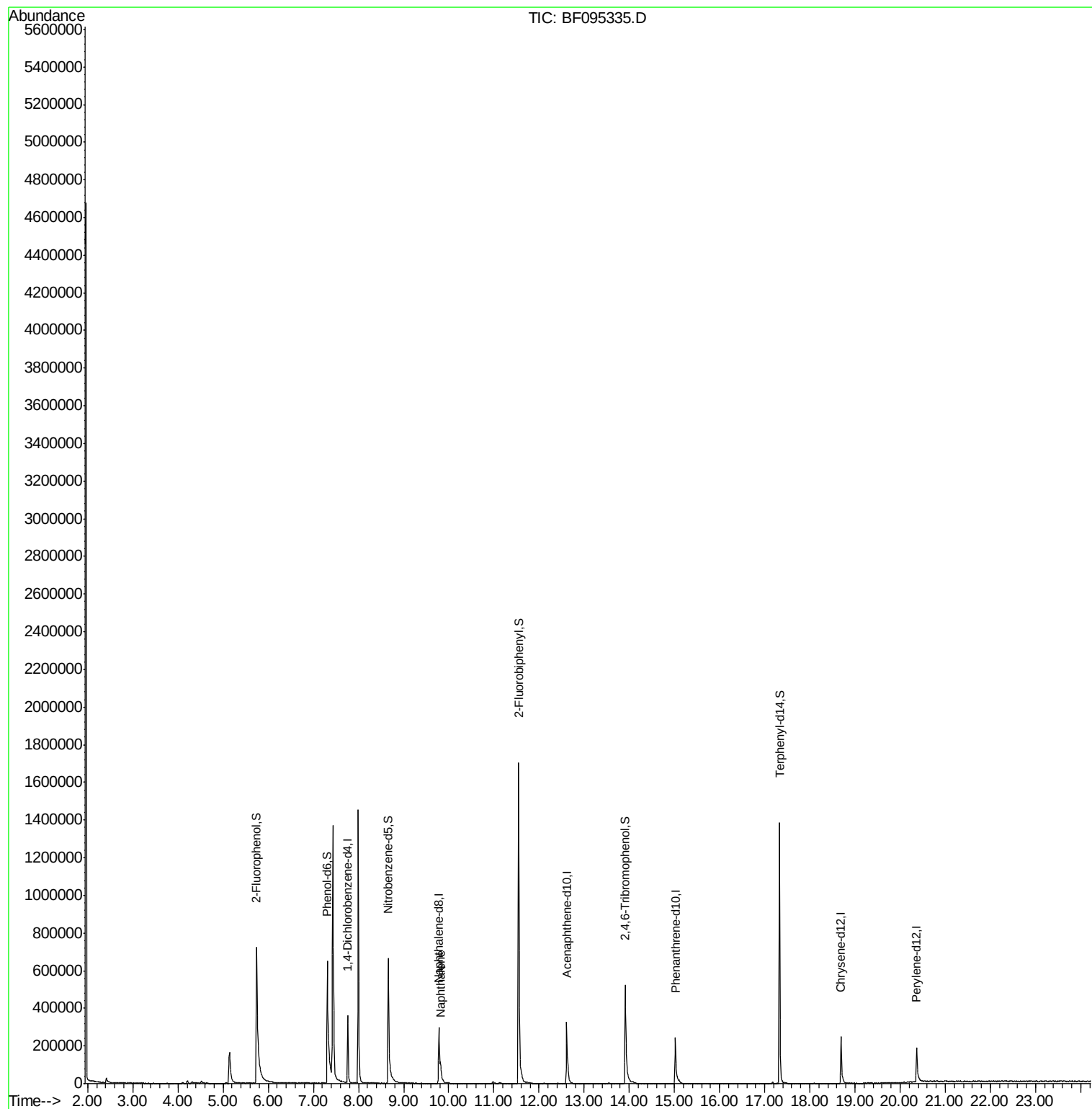
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	80380	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	320466	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	141161	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	183030	20.00	ng	0.00
75) Chrysene-d12	18.69	240	167166	20.00	ng	0.00
86) Perylene-d12	20.37	264	137841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	632230	131.13	ng	0.00
7) Phenol-d6	7.31	99	685358	118.48	ng	0.00
23) Nitrobenzene-d5	8.66	82	456180	89.76	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	145310	125.69	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1008216	102.80	ng	-0.01
78) Terphenyl-d14	17.33	244	577438	76.08	ng	-0.02
Target Compounds						
31) Naphthalene	9.82	128	65488	4.07	ng	Qvalue 98

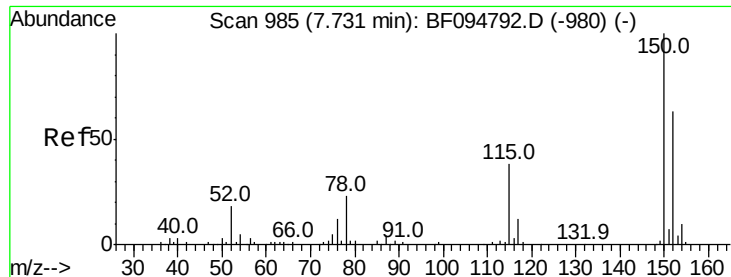
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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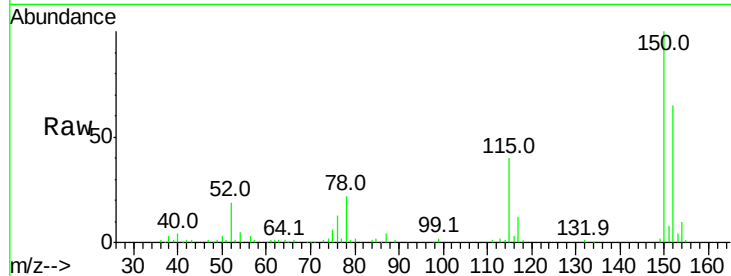


#1

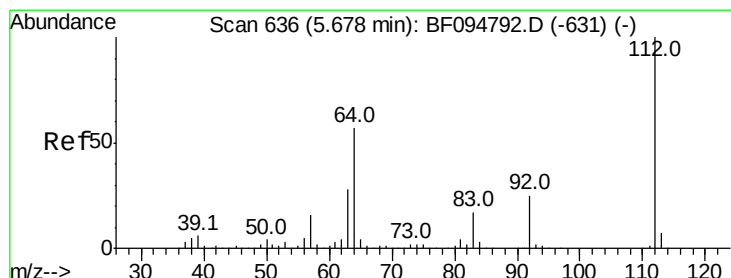
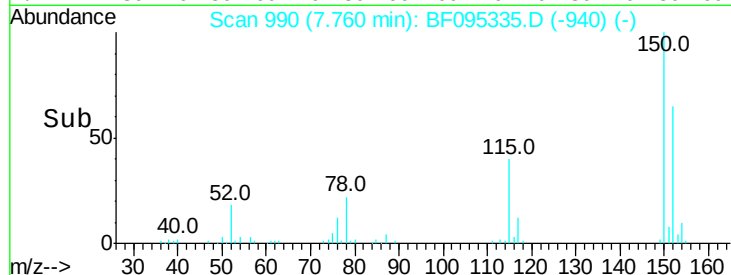
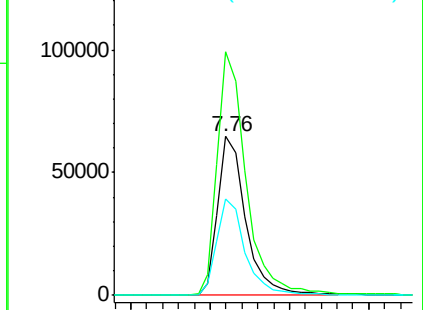
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

Instrument :
 BNA_F
 ClientSampled :
 SB-16COMP

Tot Ion:152 Resp: 80380
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.2 189.2
 115 60.9 52.2 78.2



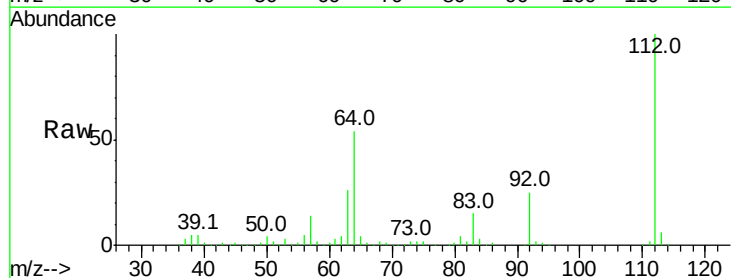
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



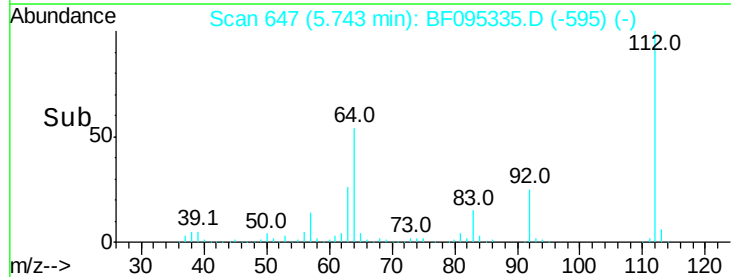
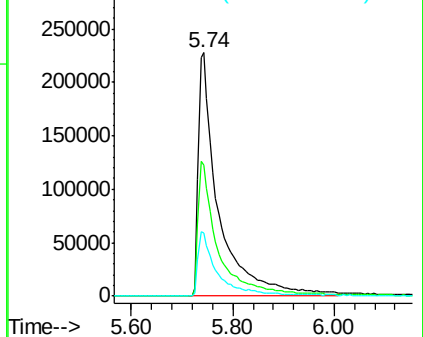
#5

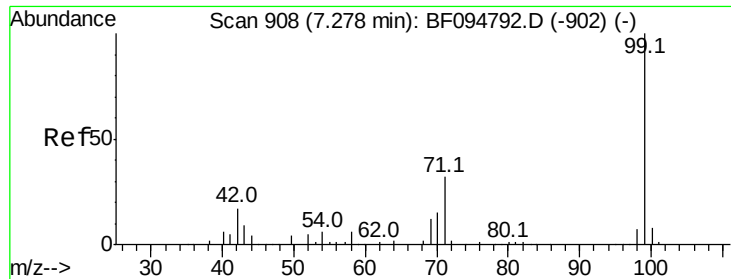
2-Fluorophenol
 Concen: 131.13 ng
 RT: 5.74 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

Tgt Ion:112 Resp: 632230
 Ion Ratio Lower Upper
 112 100
 64 53.6 46.0 69.0
 63 25.9 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: 118.48 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

Instrument :

BNA_F

ClientSampleId :

SB-16COMP

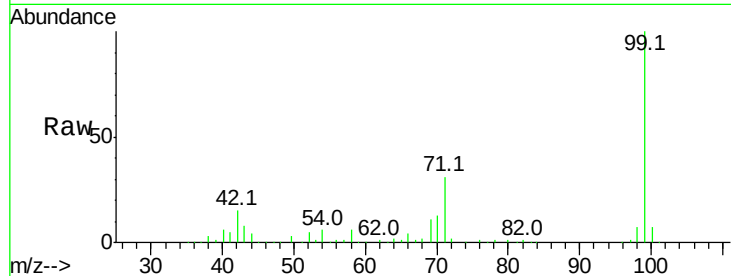
Tot Ion: 99 Resp: 685358

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

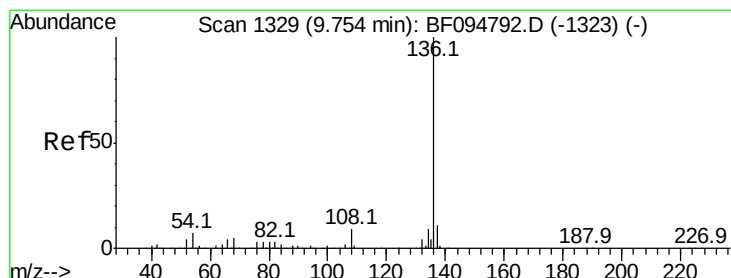
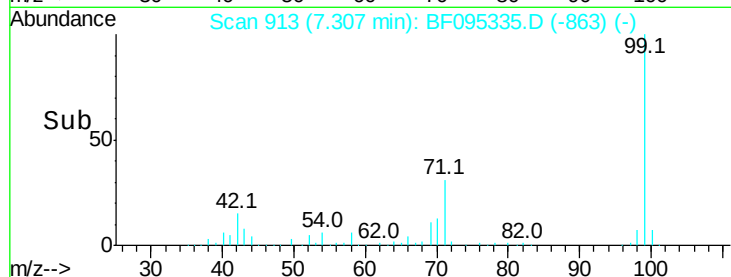
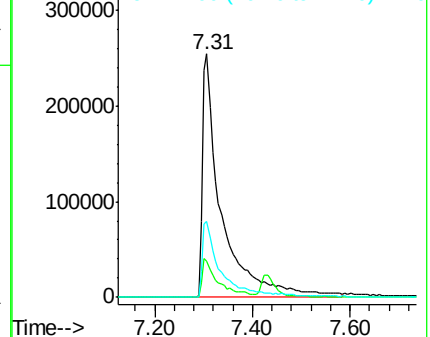
71 31.4 24.5 36.7



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# 1334

Delta R.T. 0.00 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

Tgt Ion: 136 Resp: 320466

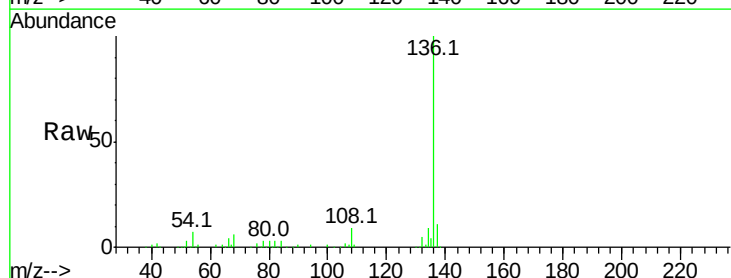
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.8 4.1 6.1

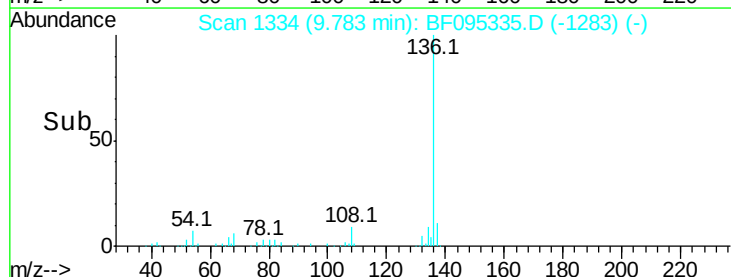
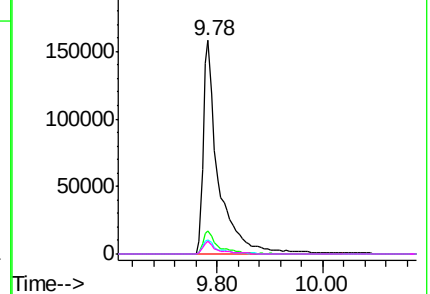


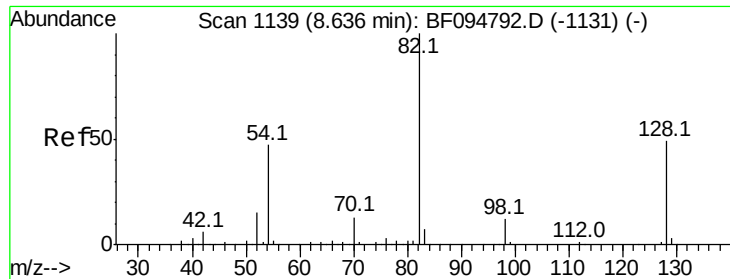
Abundance Ion 136.00 (135.70 to 136.70): E

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

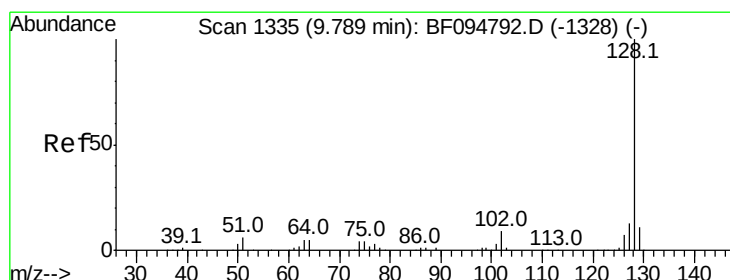
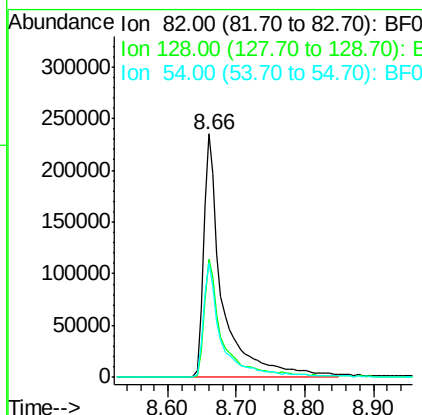
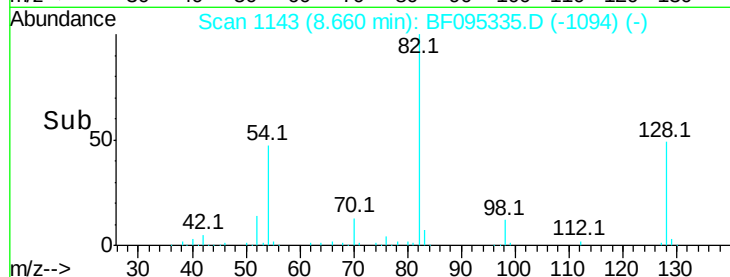
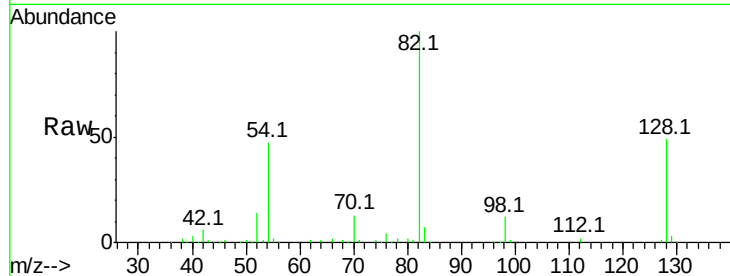




#23
 Nitrobenzene-d5
 Concen: 89.76 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

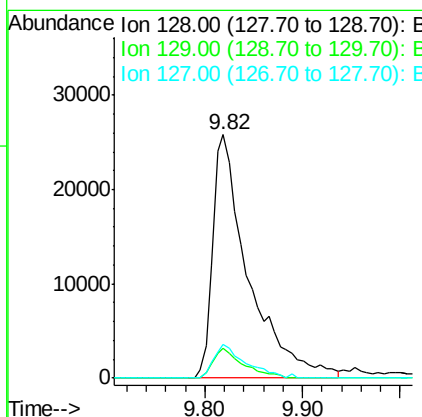
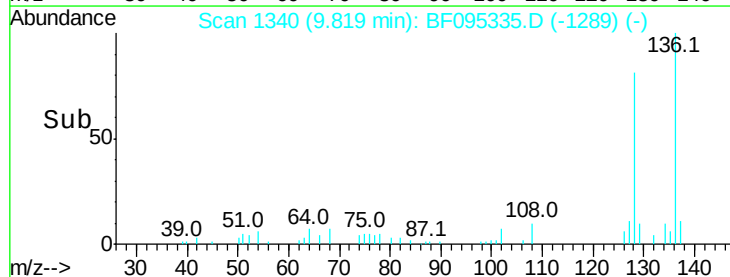
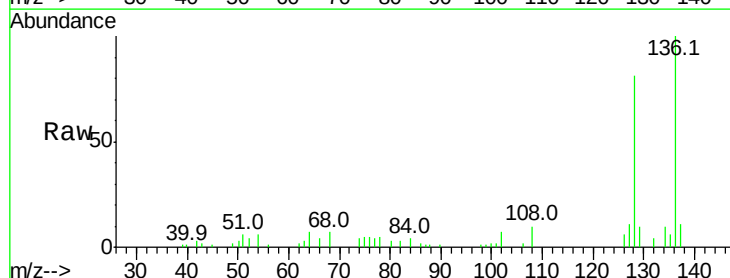
Instrument :
 BNA_F
 ClientSampleId :
 SB-16COMP

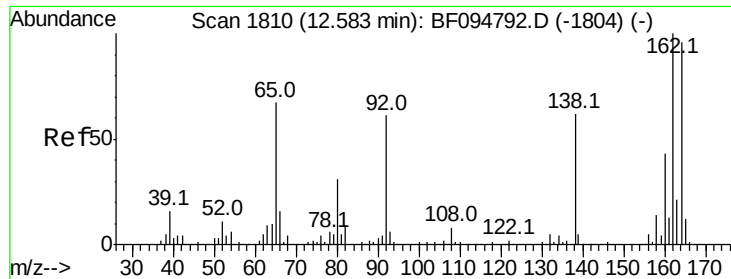
Tot Ion: 82 Resp: 456180
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 47.1 42.2 63.2



#31
 Naphthalene
 Concen: 4.07 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

Tgt Ion:128 Resp: 65488
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.0 13.6
 127 14.1 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

Instrument :

BNA_F

ClientSampleId :

SB-16COMP

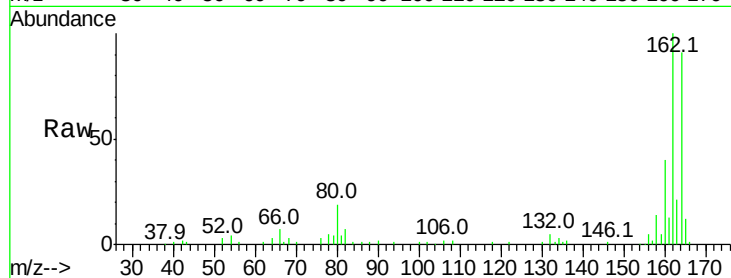
Tot Ion:164 Resp: 141161

Ion Ratio Lower Upper

164 100

162 110.3 82.6 123.8

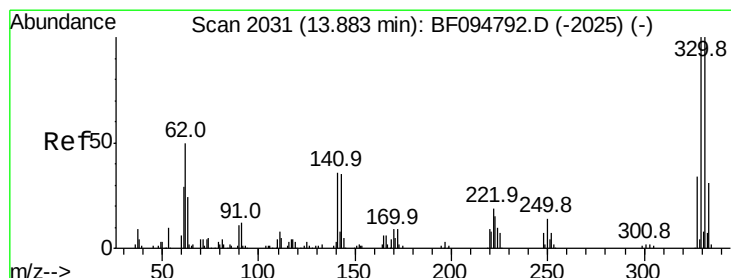
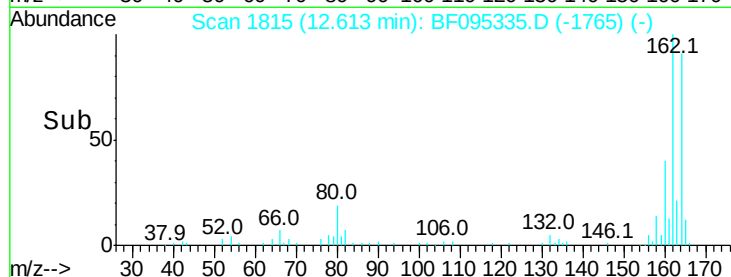
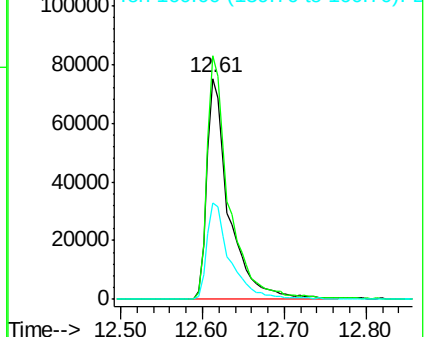
160 44.0 36.2 54.2



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: 125.69 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

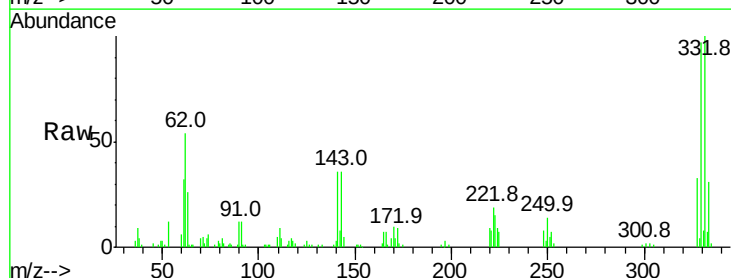
Tgt Ion:330 Resp: 145310

Ion Ratio Lower Upper

330 100

332 94.4 76.6 115.0

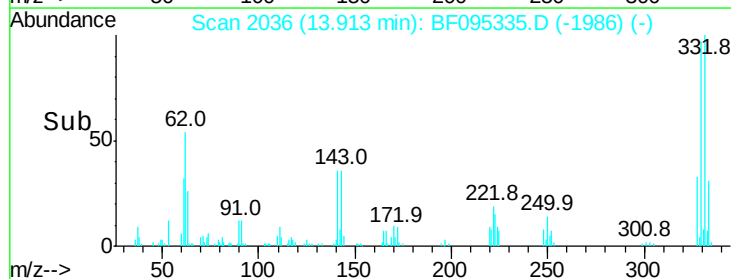
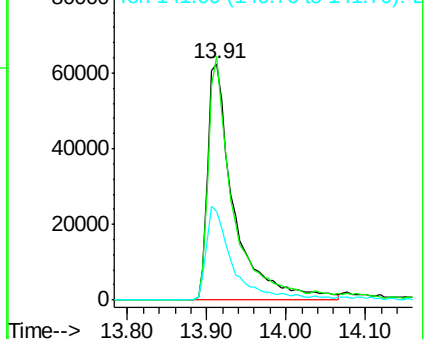
141 38.8 31.4 47.2

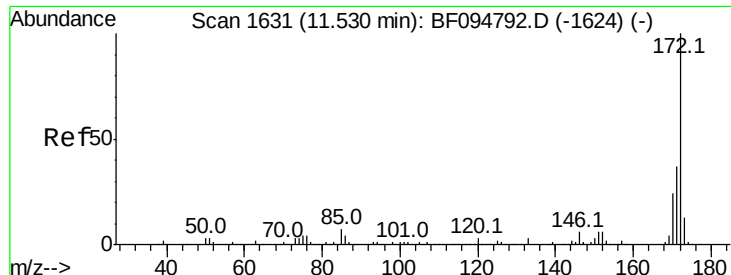


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



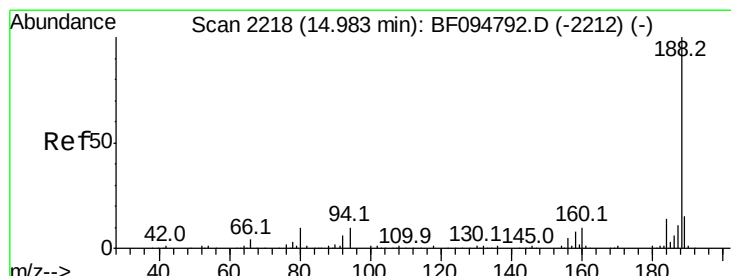
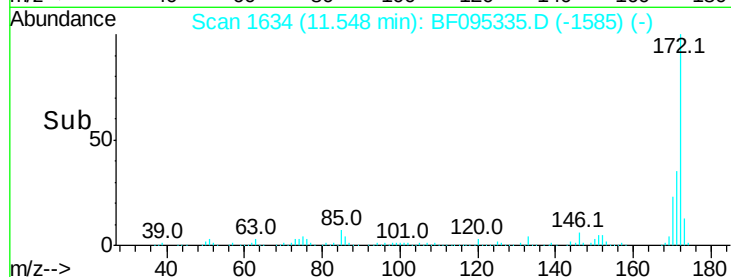
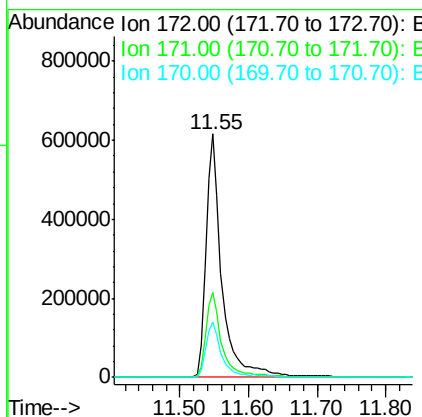
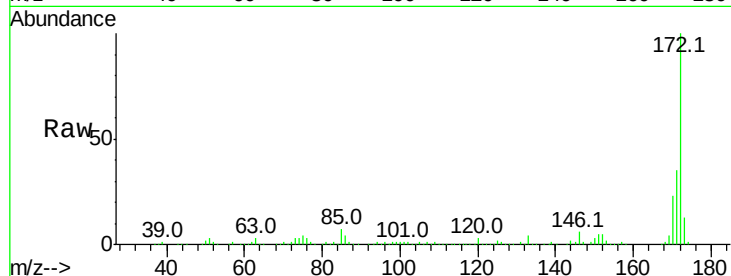


#44
 2-Fluorobiphenyl
 Concen: 102.80 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-16COMP

Tot Ion:172 Resp: 1008216

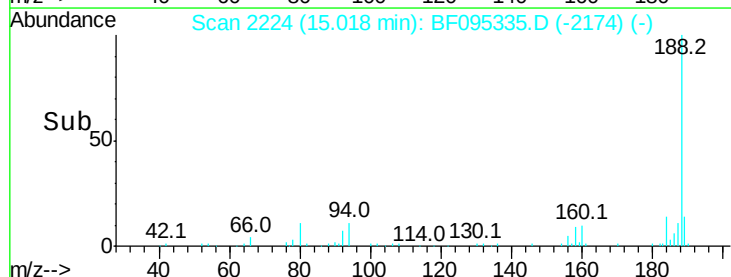
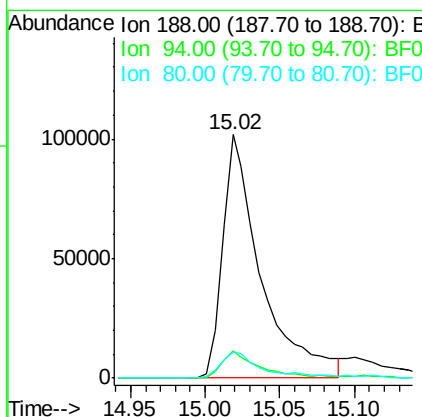
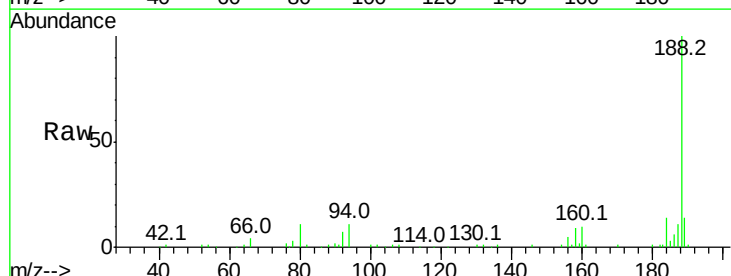
Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	22.9	19.8	29.8

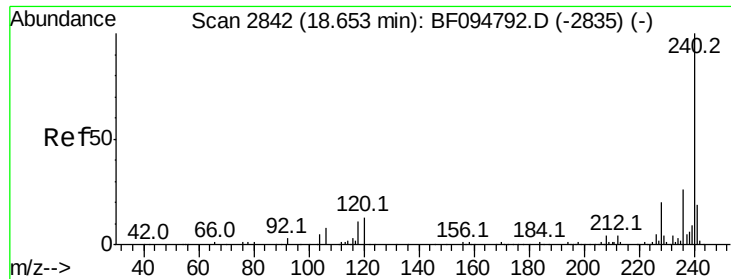


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

Tgt Ion:188 Resp: 183030

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	10.8	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

Instrument :

BNA_F

ClientSampleId :

SB-16COMP

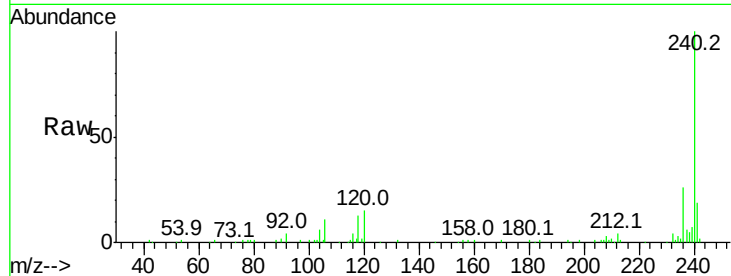
Tot Ion:240 Resp: 167166

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

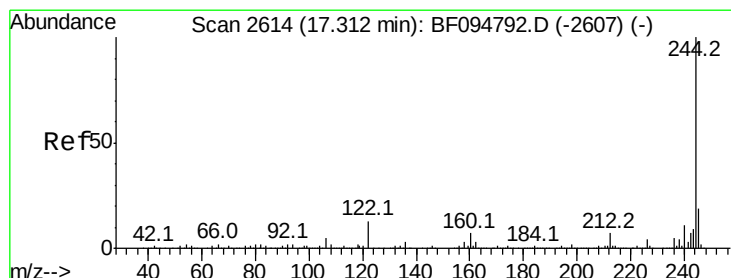
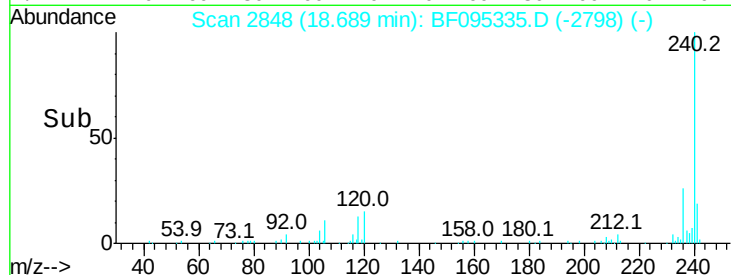
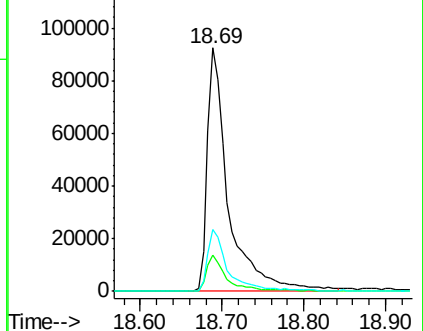
236 25.6 20.5 30.7



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



#78

Terphenyl-d14

Concen: 76.08 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

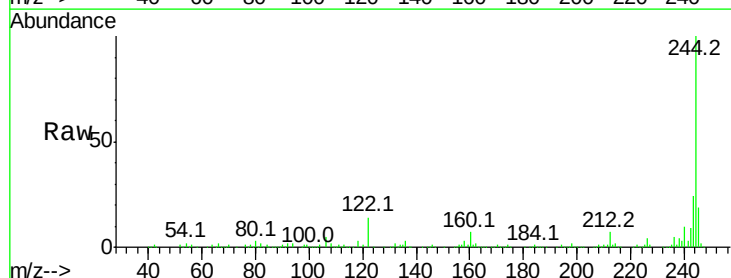
Tgt Ion:244 Resp: 577438

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

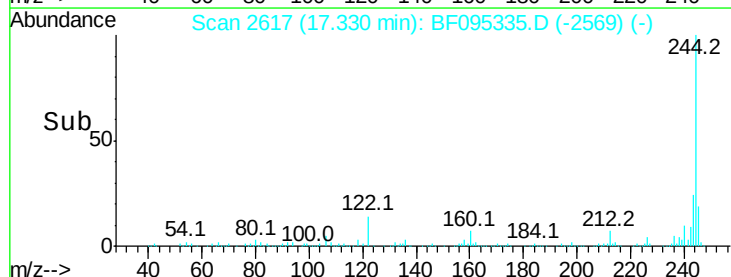
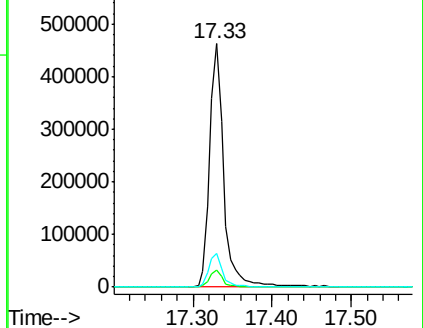
122 13.8 10.3 15.5

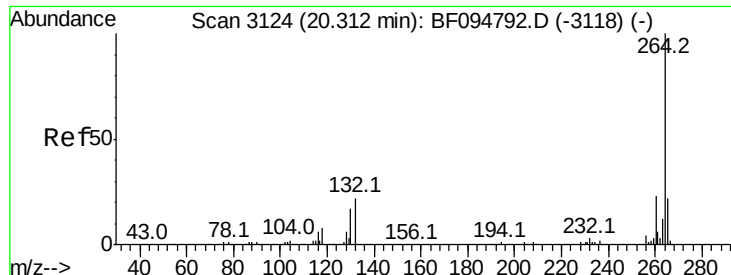


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095335.D
Acq: 23 May 2017 4:34

Instrument :
BNA_F
ClientSampleId :
SB-16COMP

Tot Ion:264 Resp: 137841
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 22.0 17.2 25.8

