

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095217.D
 Acq On : 18 May 2017 10:16
 Operator : SJ/MA
 Sample : I3192-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 051617-05

Quant Time: May 18 12:49:44 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

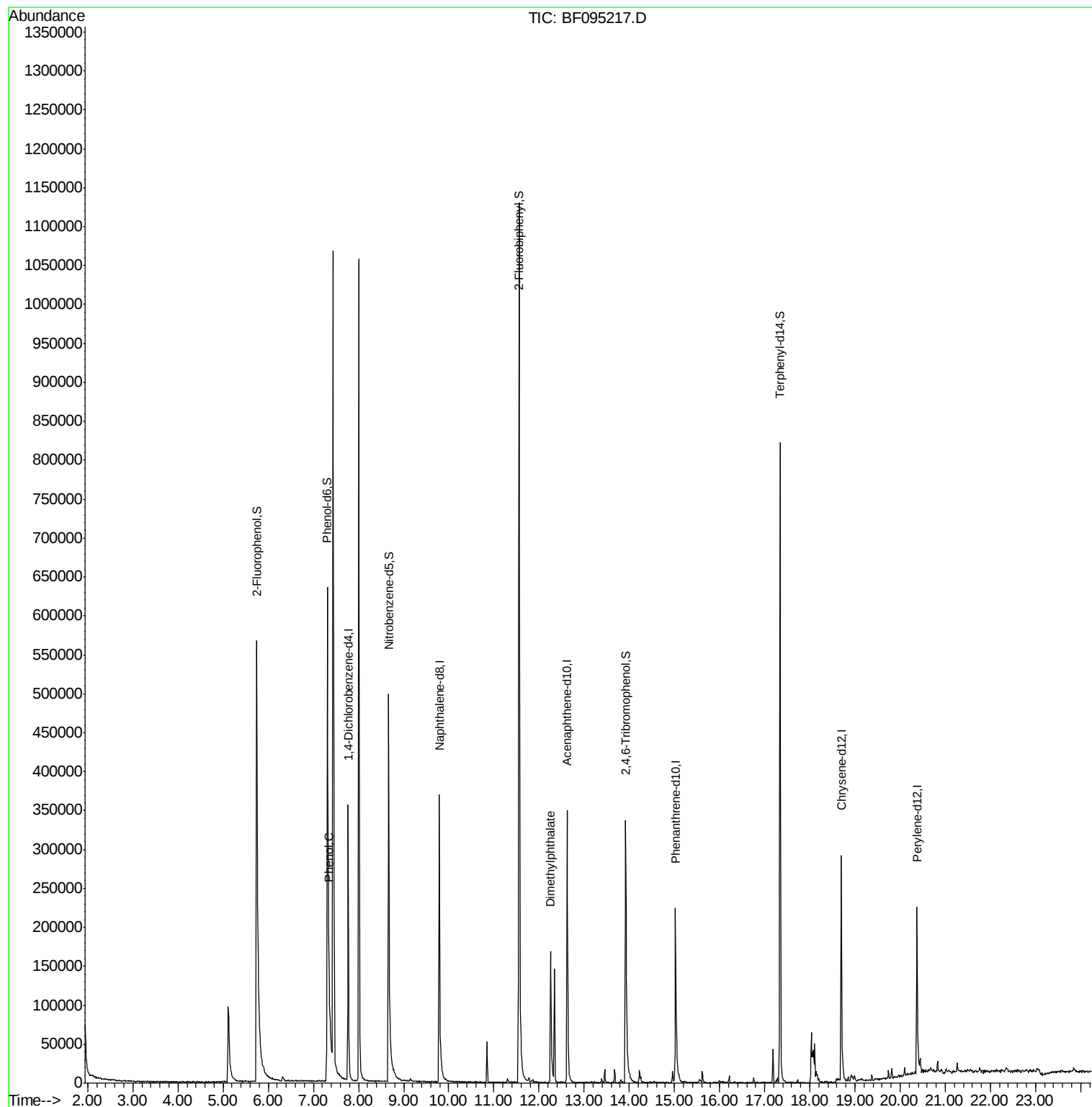
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	79762	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	303390	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	124452	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	176152	20.00	ng	0.04
75) Chrysene-d12	18.69	240	164592	20.00	ng	0.04
86) Perylene-d12	20.37	264	122250	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	454045	94.91	ng	0.06
7) Phenol-d6	7.31	99	537237	93.59	ng	0.03
23) Nitrobenzene-d5	8.67	82	317738	66.04	ng	0.03
41) 2,4,6-Tribromophenol	13.92	330	77570	76.11	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	606107	70.10	ng	0.03
78) Terphenyl-d14	17.34	244	335497	44.90	ng	0.03
Target Compounds						
10) Phenol	7.34	94	29182	4.82	ng	88
49) Dimethylphthalate	12.25	163	145092	14.20	ng	98

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

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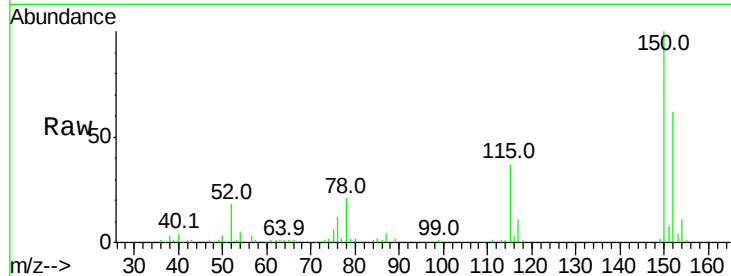


#1

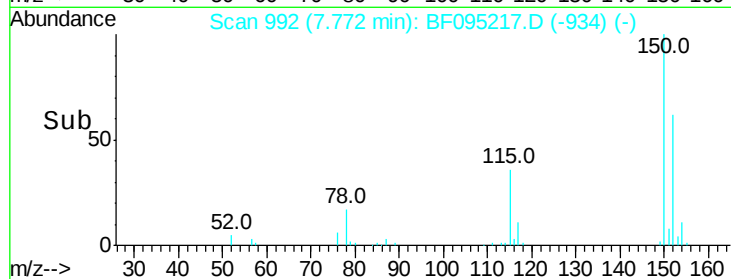
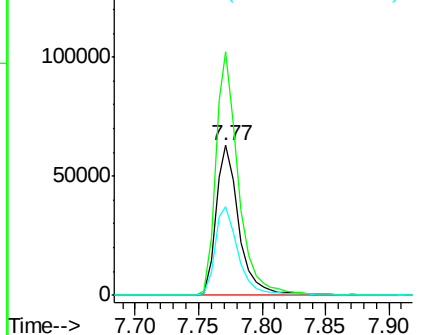
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.04 min
 Lab File: BF095217.D
 Acq: 18 May 2017 10:16

Instrument :
 BNA_F
 ClientSampled :
 051617-05

Tot Ion:152 Resp: 79762
 Ion Ratio Lower Upper
 152 100
 150 162.6 126.2 189.2
 115 59.5 52.2 78.2



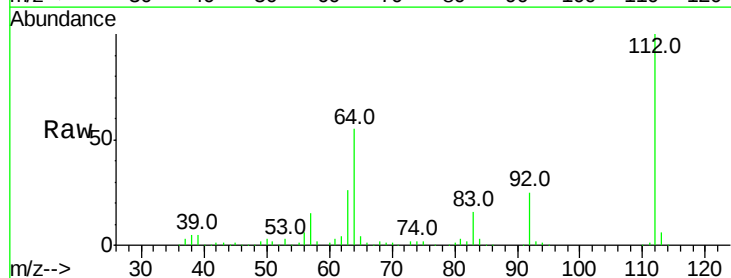
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



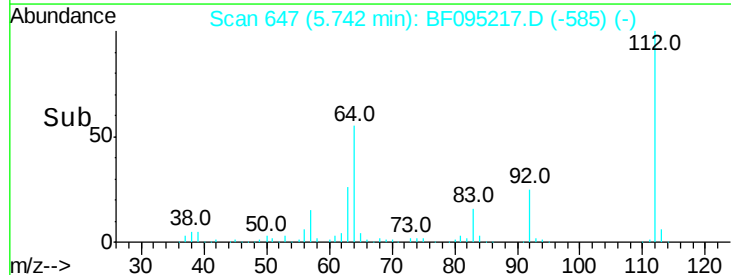
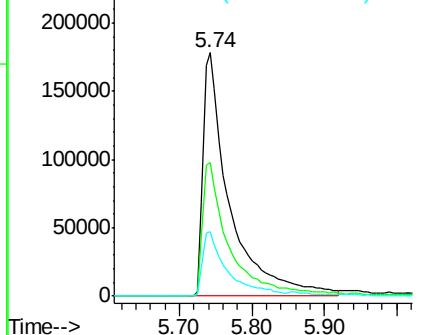
#5

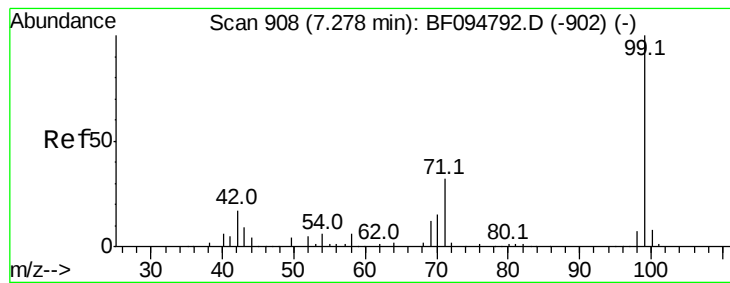
2-Fluorophenol
 Concen: 94.91 ng
 RT: 5.74 min Scan# 647
 Delta R.T. 0.06 min
 Lab File: BF095217.D
 Acq: 18 May 2017 10:16

Tgt Ion:112 Resp: 454045
 Ion Ratio Lower Upper
 112 100
 64 55.0 46.0 69.0
 63 26.2 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: 93.59 ng

RT: 7.31 min Scan# 913

Delta R.T. 0.03 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

Instrument :

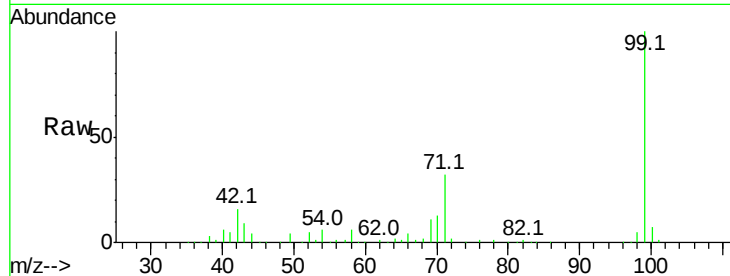
BNA_F

ClientSampleId :

051617-05

Tot Ion: 99 Resp: 537237

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.9	24.5	36.7

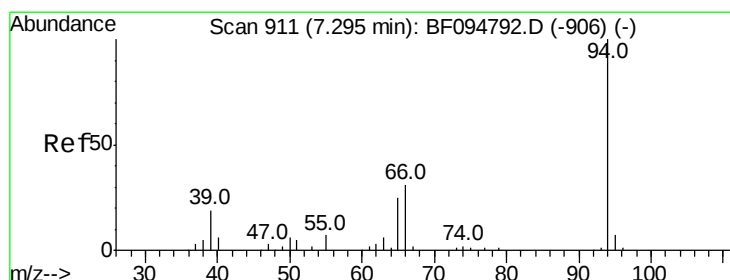
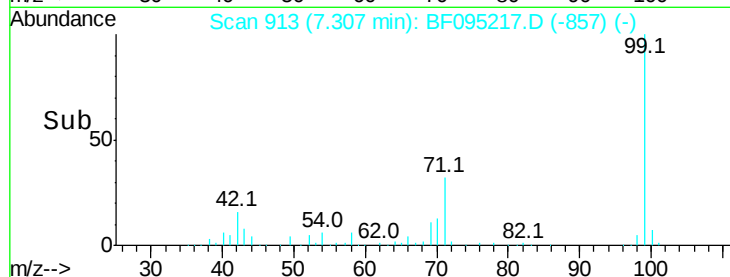
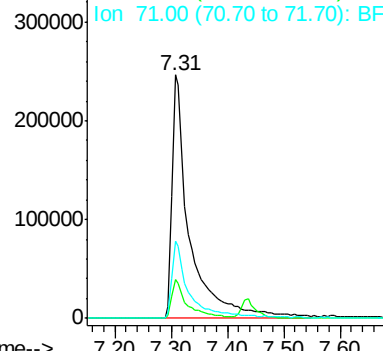


Abundance

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



#10

Phenol

Concen: 4.82 ng

RT: 7.34 min Scan# 919

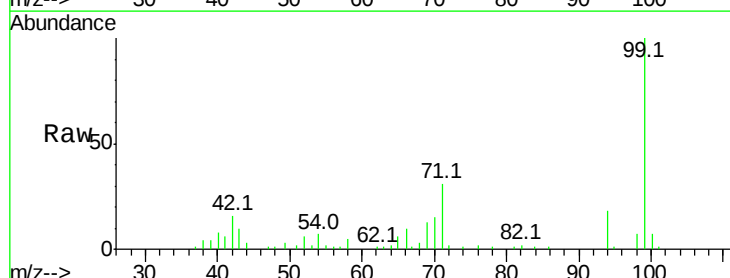
Delta R.T. 0.05 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

Tgt Ion: 94 Resp: 29182

Ion	Ratio	Lower	Upper
94	100		
65	32.2	9.9	49.9
66	54.4	23.1	63.1

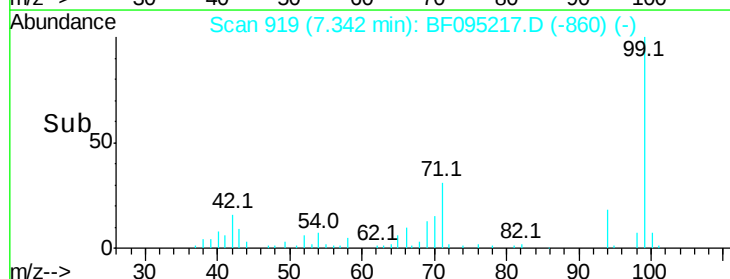
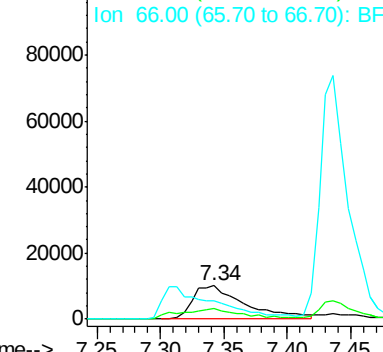


Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

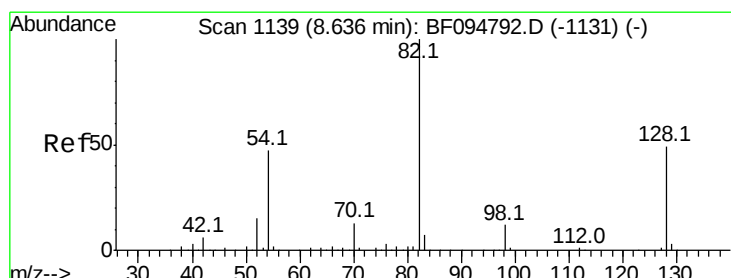
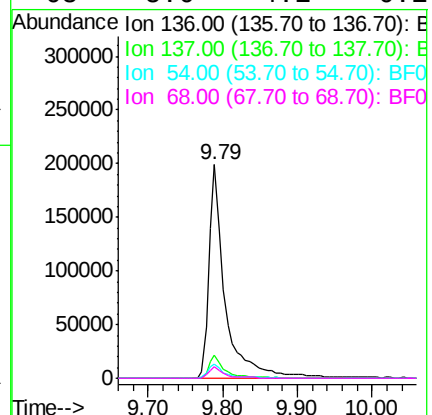
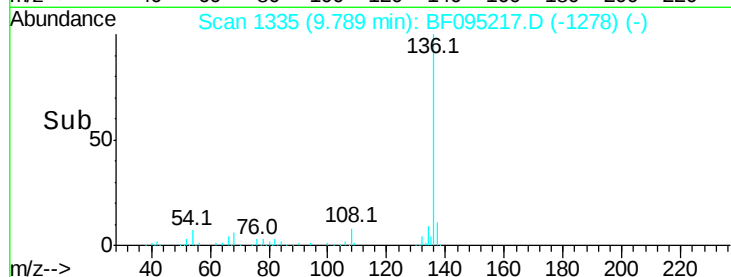
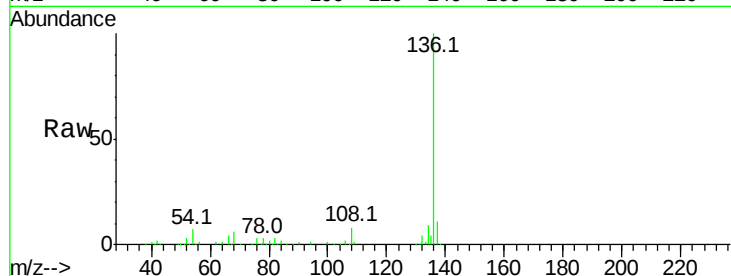




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095217.D
Acq: 18 May 2017 10:16

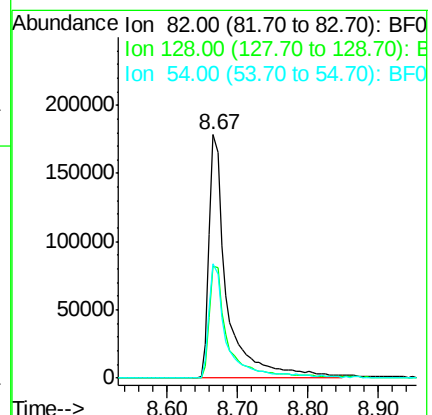
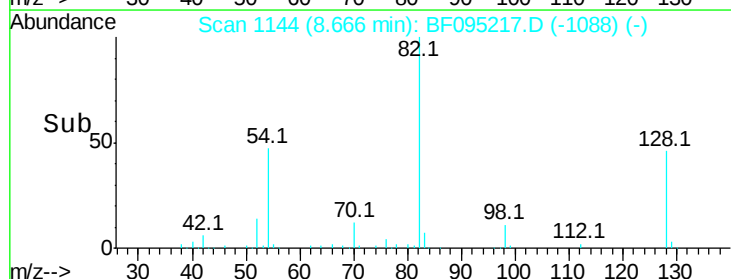
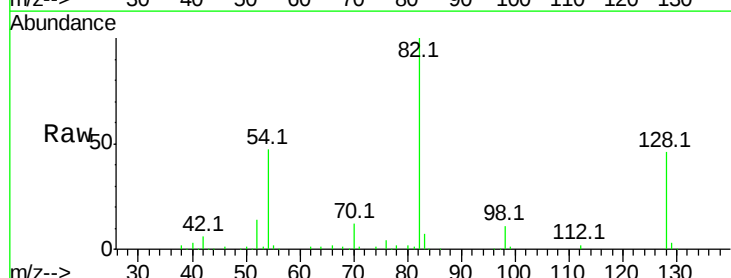
Instrument :
BNA_F
ClientSampleId :
051617-05

Tot Ion:136	Resp:	303390
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	6.5	4.9 7.3
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 66.04 ng
RT: 8.67 min Scan# 1144
Delta R.T. 0.03 min
Lab File: BF095217.D
Acq: 18 May 2017 10:16

Tgt Ion: 82	Resp:	317738
Ion Ratio	Lower	Upper
82	100	
128	45.8	34.0 51.0
54	46.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1817

Delta R.T. 0.04 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

Instrument :

BNA_F

ClientSampleId :

051617-05

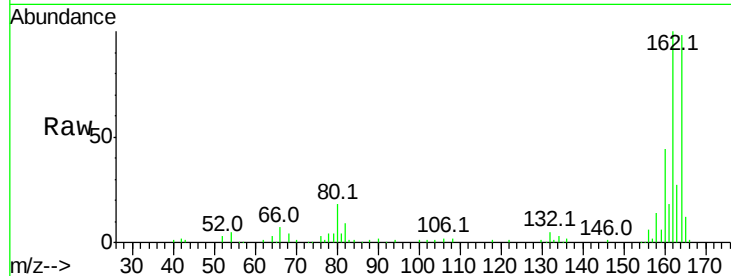
Tot Ion:164 Resp: 124452

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

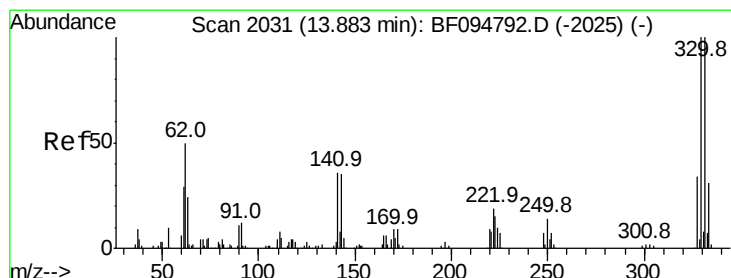
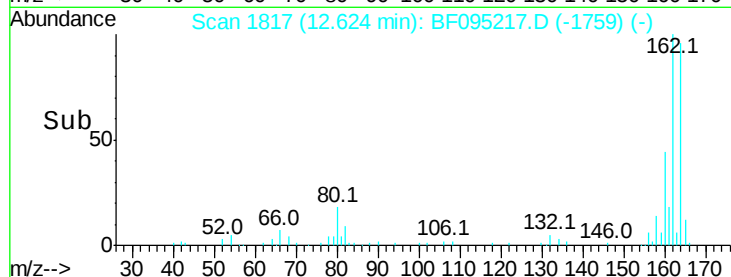
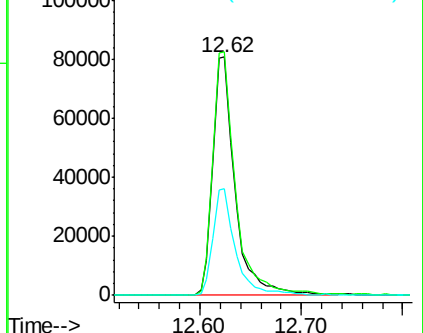
160 44.8 36.2 54.2



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: 76.11 ng

RT: 13.92 min Scan# 2038

Delta R.T. 0.04 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

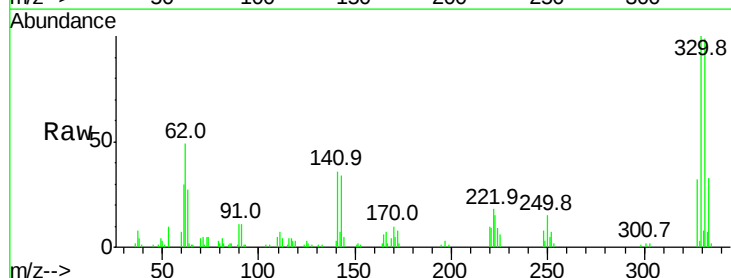
Tgt Ion:330 Resp: 77570

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

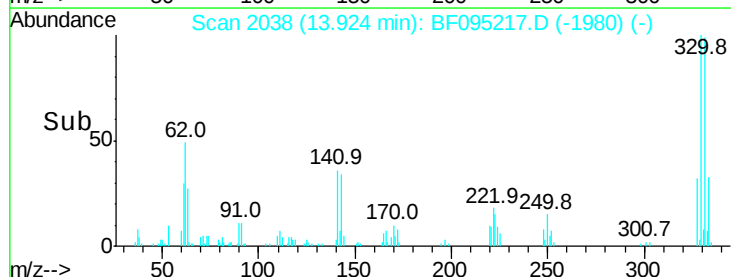
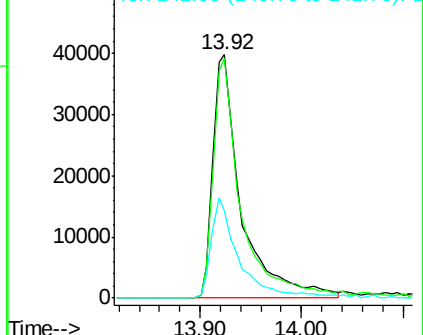
141 40.1 31.4 47.2



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

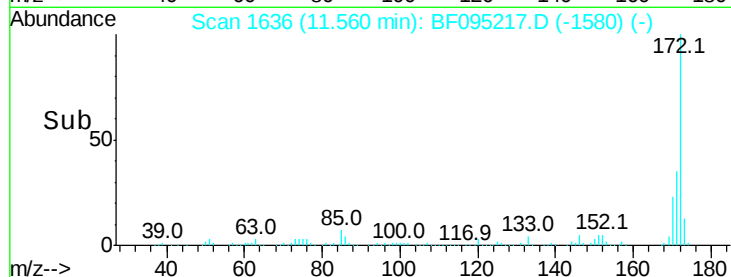
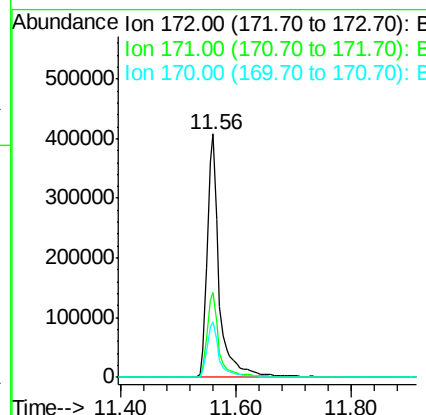
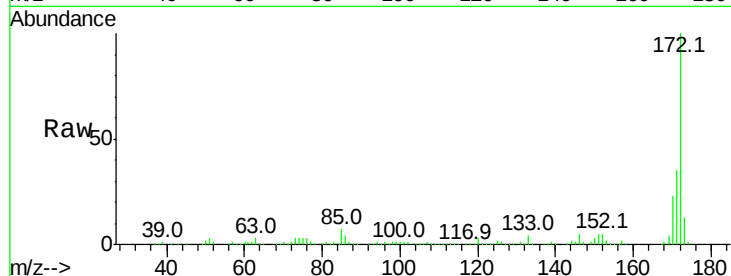




#44
2-Fluorobiphenyl
Concen: 70.10 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.03 min
Lab File: BF095217.D
Acq: 18 May 2017 10:16

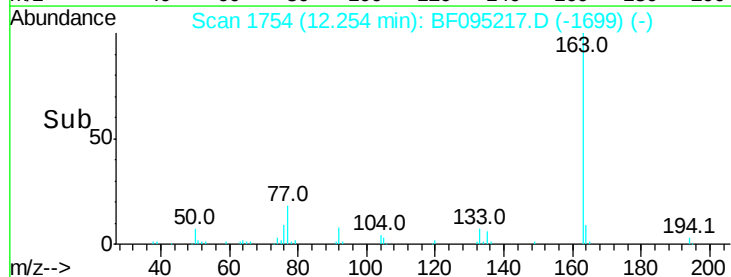
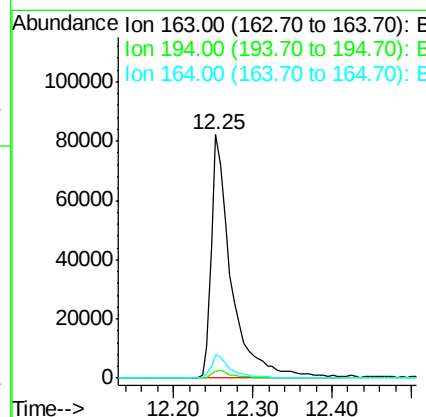
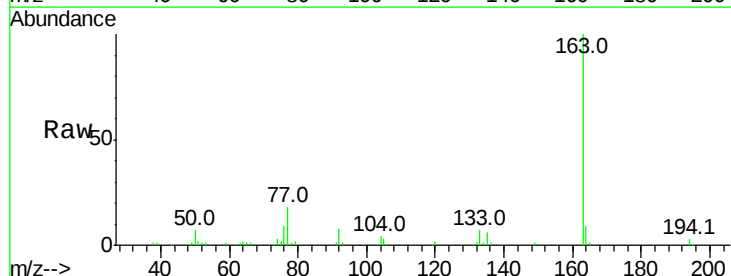
Instrument :
BNA_F
ClientSampleId :
051617-05

Tot Ion:172 Resp: 606107
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 23.0 19.8 29.8



#49
Dimethylphthalate
Concen: 14.20 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095217.D
Acq: 18 May 2017 10:16

Tgt Ion:163 Resp: 145092
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.5 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

Instrument :

BNA_F

ClientSampleId :

051617-05

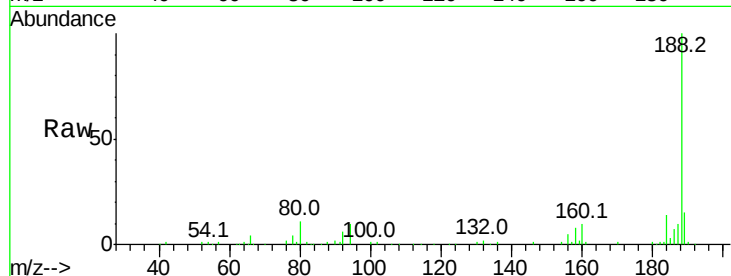
Tot Ion:188 Resp: 176152

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

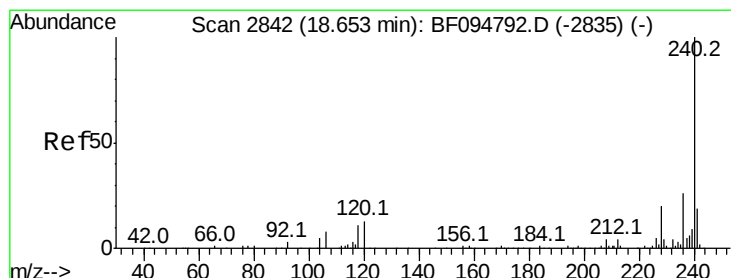
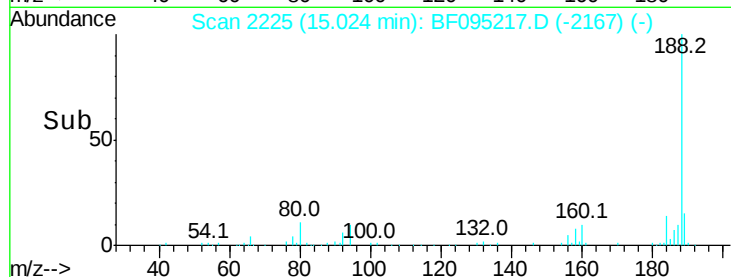
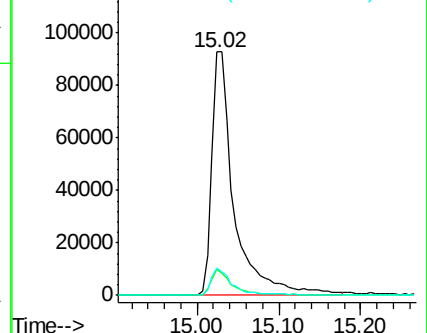
80 11.0 10.2 15.2



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: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

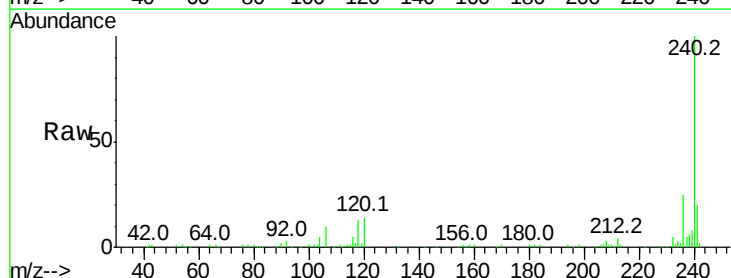
Tgt Ion:240 Resp: 164592

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

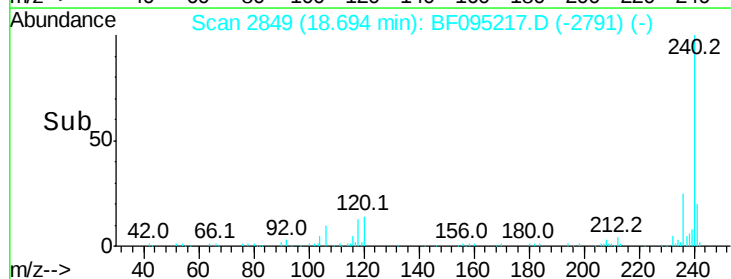
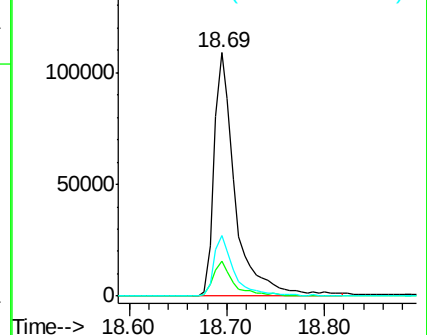
236 24.8 20.5 30.7

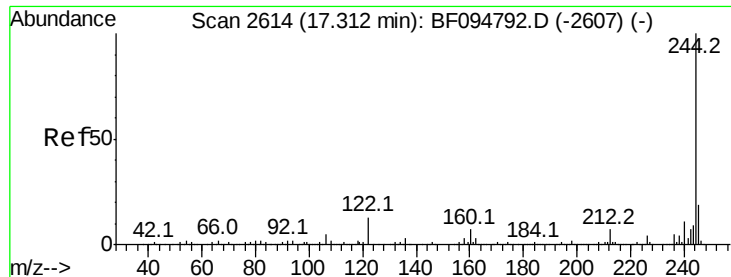


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 44.90 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

Instrument :

BNA_F

ClientSampleId :

051617-05

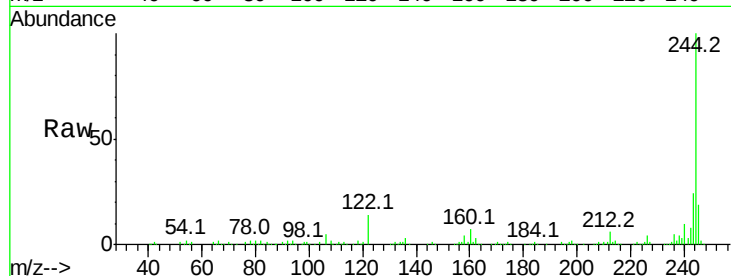
Tot Ion:244 Resp: 335497

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

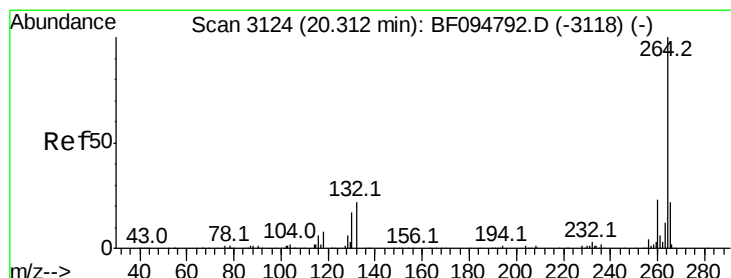
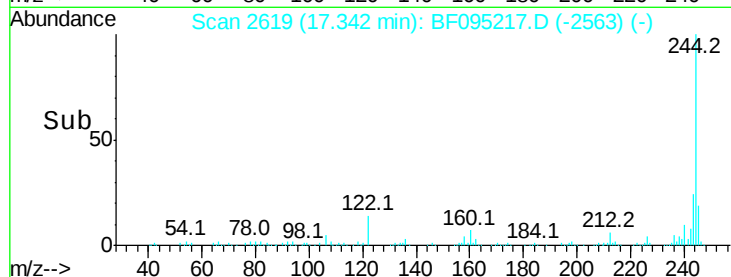
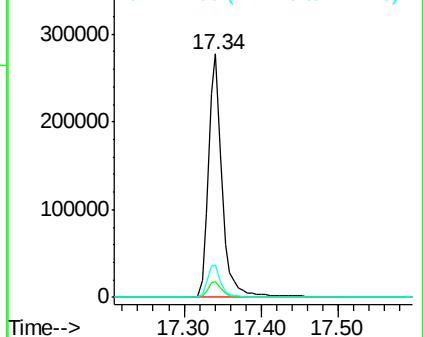
122 13.5 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3134

Delta R.T. 0.06 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

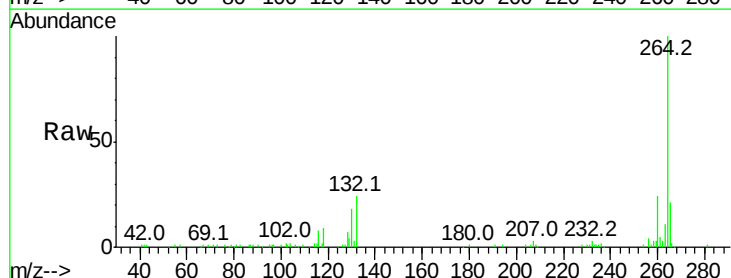
Tgt Ion:264 Resp: 122250

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.3 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

