

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095622.D
 Acq On : 2 Jun 2017 7:05
 Operator : SJ/MA
 Sample : I3398-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: Jun 02 08:28:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

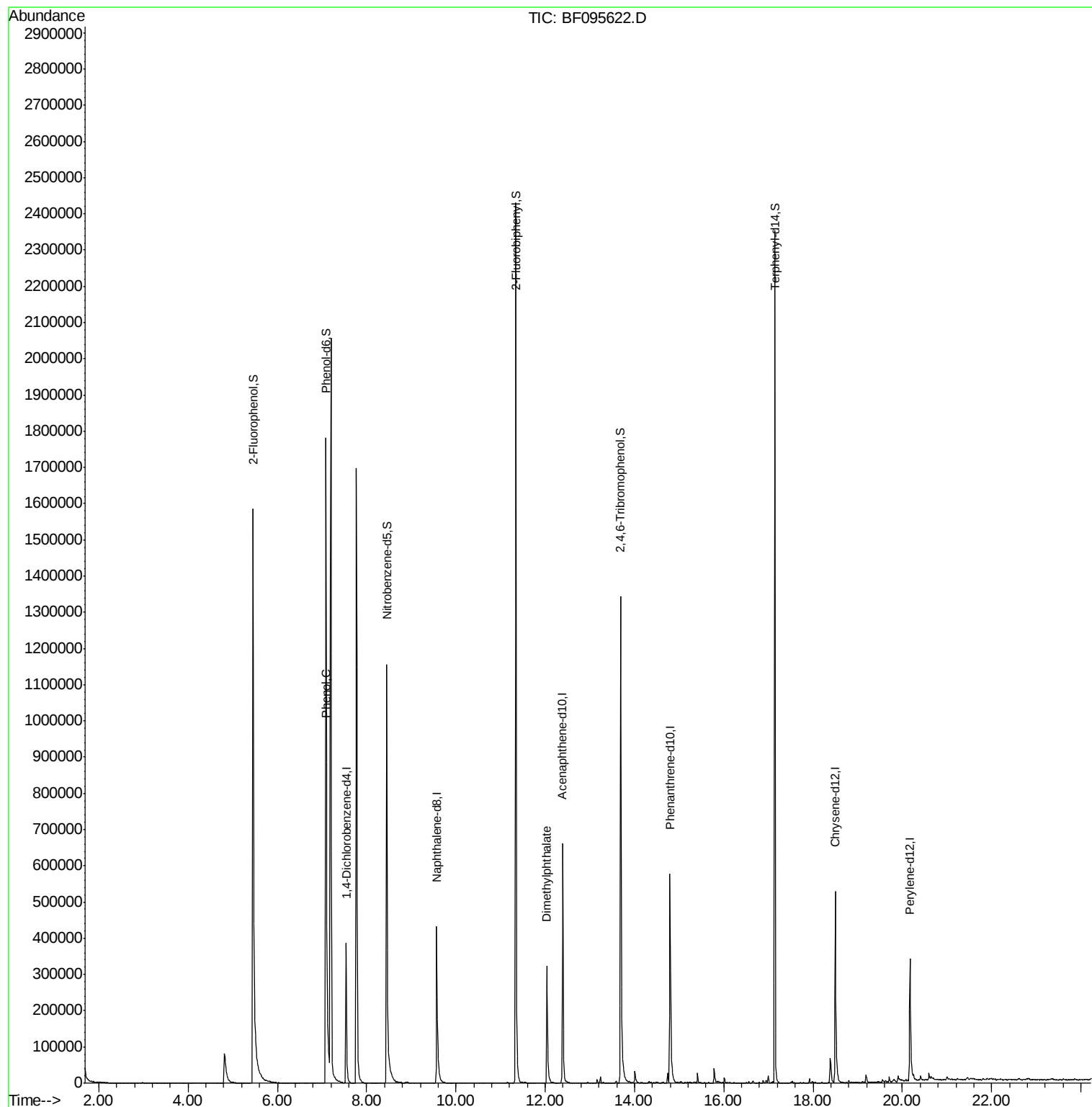
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	98713	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	404683	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	195024	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	392856	20.00	ng	0.00
75) Chrysene-d12	18.50	240	311955	20.00	ng	0.00
86) Perylene-d12	20.17	264	206071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	945381	159.67	ng	0.01
7) Phenol-d6	7.09	99	1072835	151.02	ng	0.00
23) Nitrobenzene-d5	8.45	82	680142	105.98	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	259367	162.39	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1162628	85.81	ng	0.00
78) Terphenyl-d14	17.15	244	1000633	70.65	ng	0.00
Target Compounds						
10) Phenol	7.10	94	34346	4.588	ng	Qvalue # 77
49) Dimethylphthalate	12.04	163	250512	15.647	ng	100

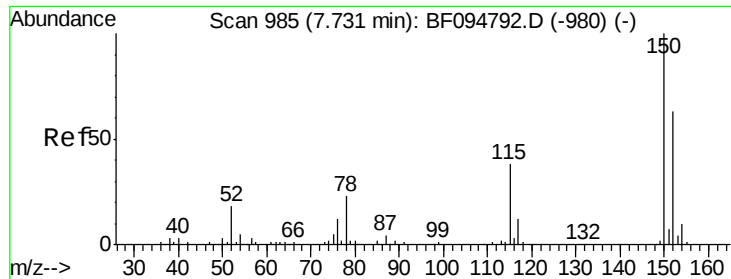
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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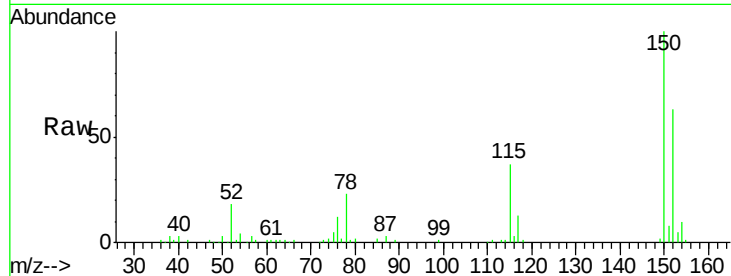




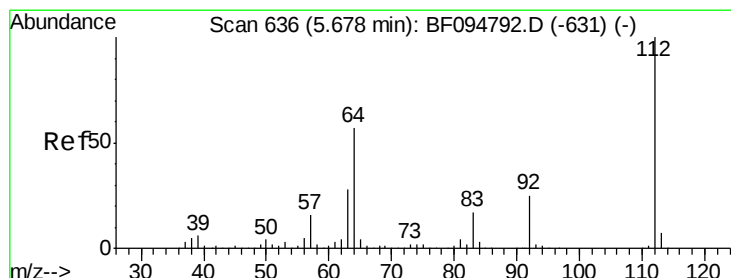
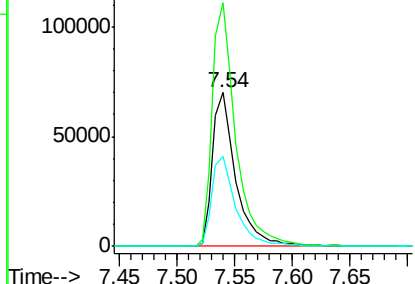
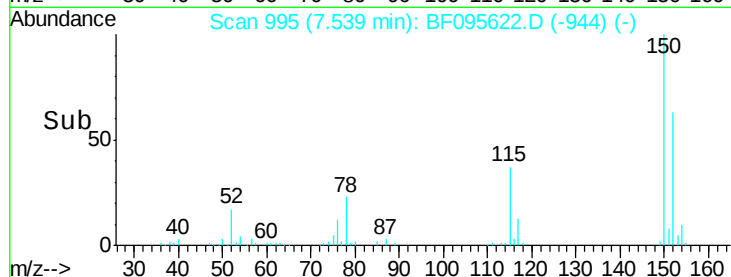
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095622.D
 Acq: 2 Jun 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tgt Ion:152 Resp: 98713
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 58.5 52.2 78.2

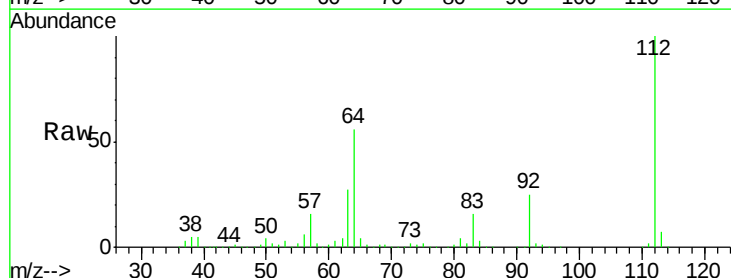


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

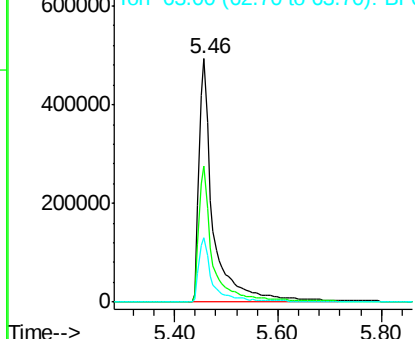
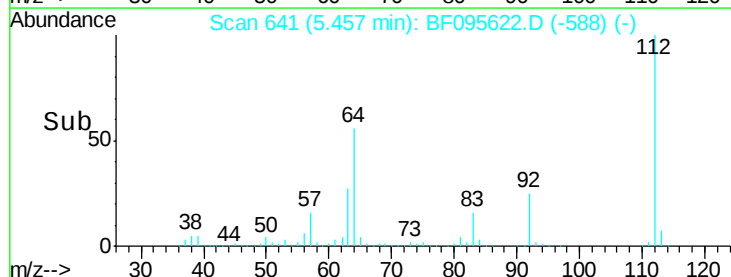


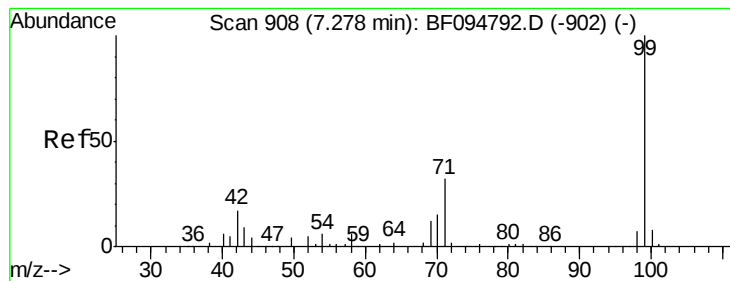
#5
 2-Fluorophenol
 Concen: 159.670 ng
 RT: 5.46 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF095622.D
 Acq: 2 Jun 2017 7:05

Tgt Ion:112 Resp: 945381
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 26.6 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: 151.016 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

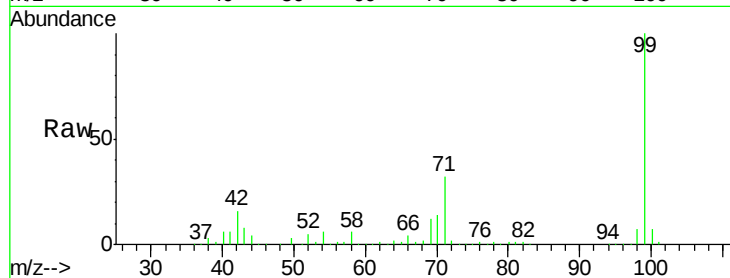
Tgt Ion: 99 Resp: 1072835

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

71 32.0 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

800000

600000

400000

200000

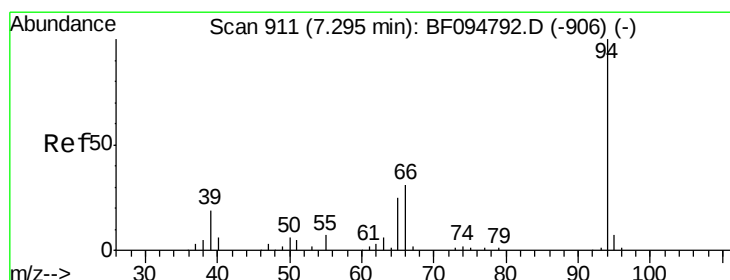
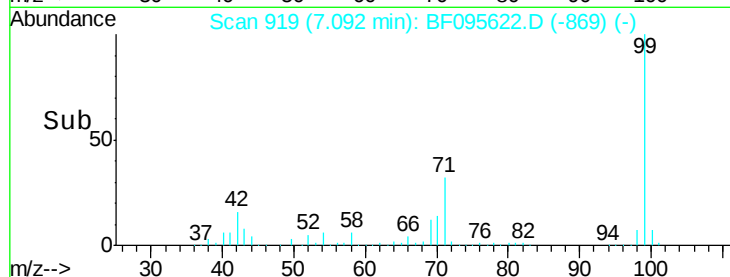
0

7.09

7.10

7.20

Time-->



#10

Phenol

Concen: 4.588 ng

RT: 7.10 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

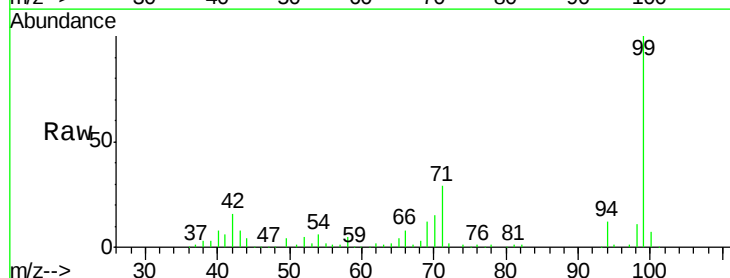
Tgt Ion: 94 Resp: 34346

Ion Ratio Lower Upper

94 100

65 32.0 9.9 49.9

66 66.1 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

200000

150000

100000

50000

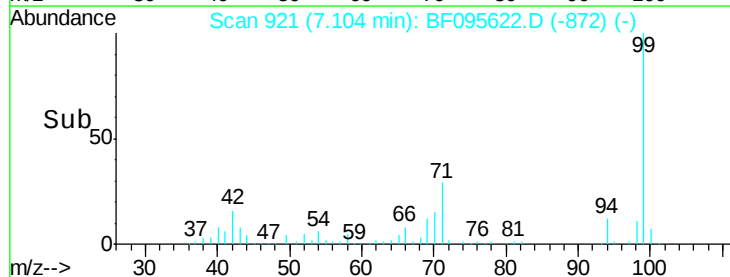
0

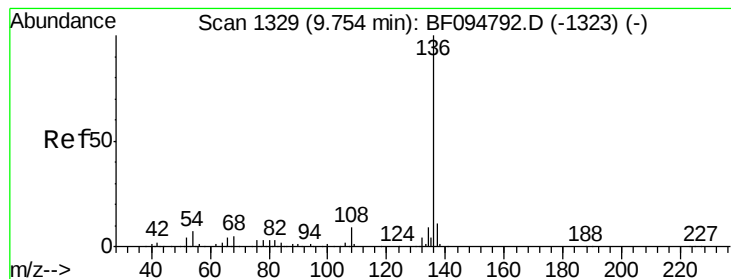
7.10

7.15

7.20

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

Tgt Ion:136 Resp: 404683

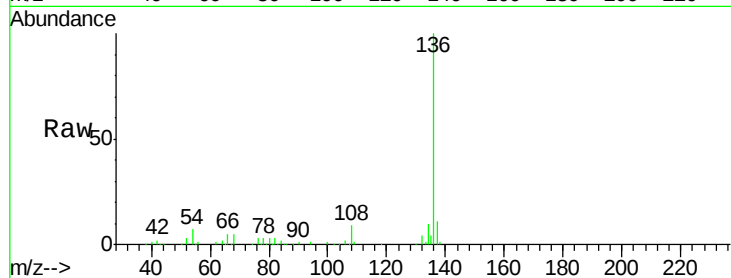
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

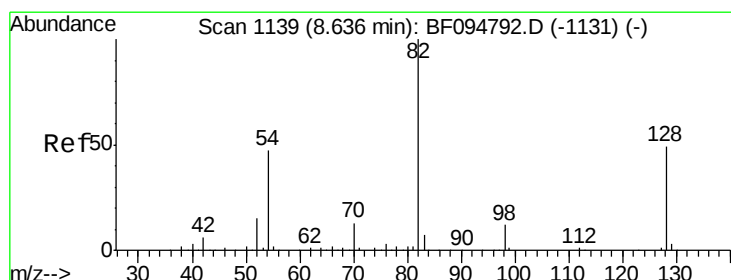
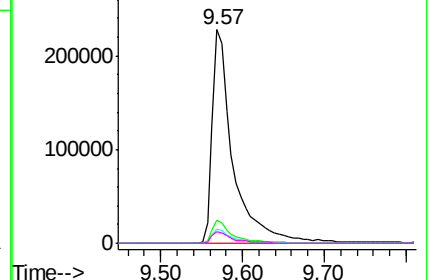
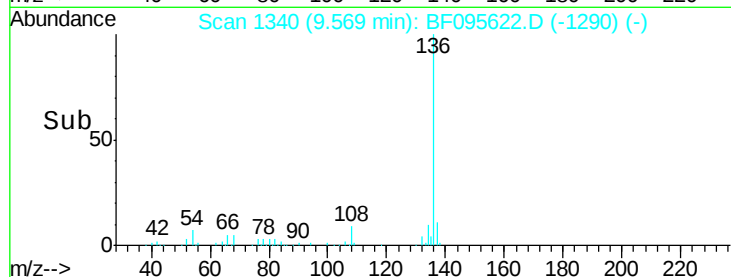


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.981 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

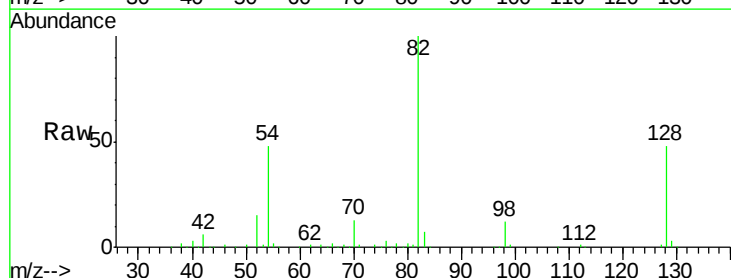
Tgt Ion: 82 Resp: 680142

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

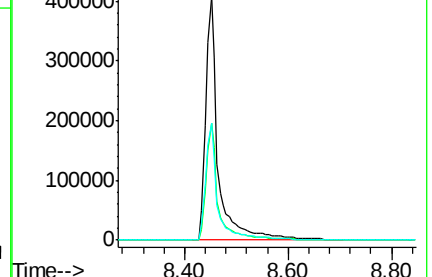
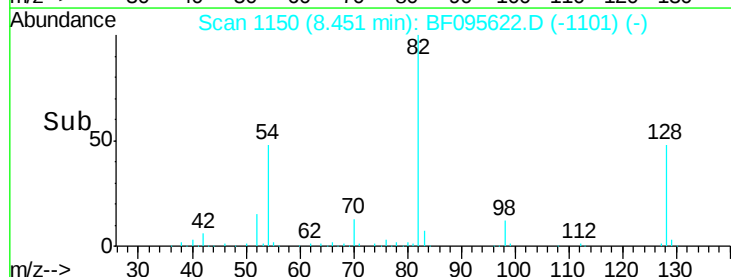
54 47.8 42.2 63.2

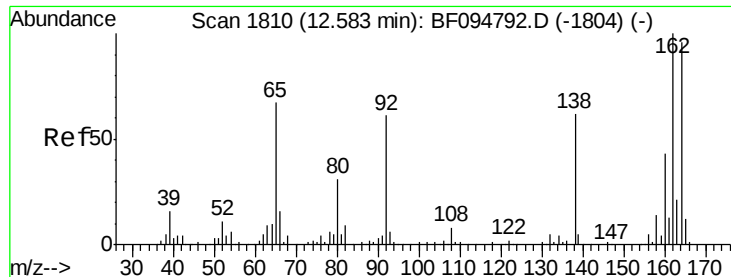


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

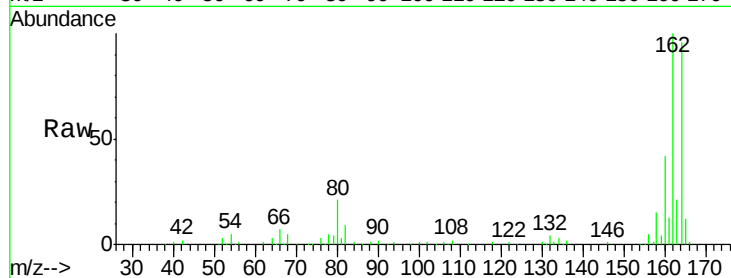
Tgt Ion:164 Resp: 195024

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

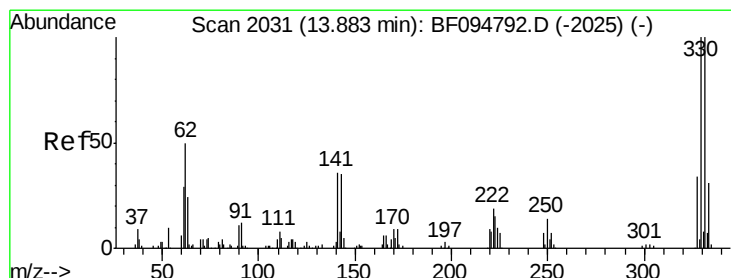
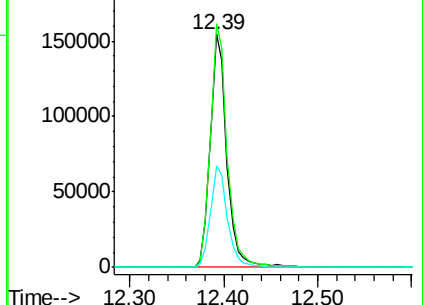
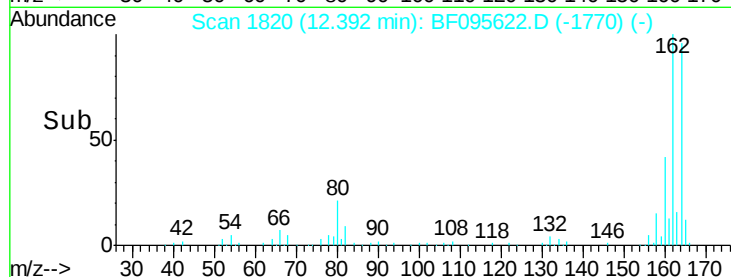
160 43.7 36.2 54.2



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: 162.390 ng

RT: 13.69 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

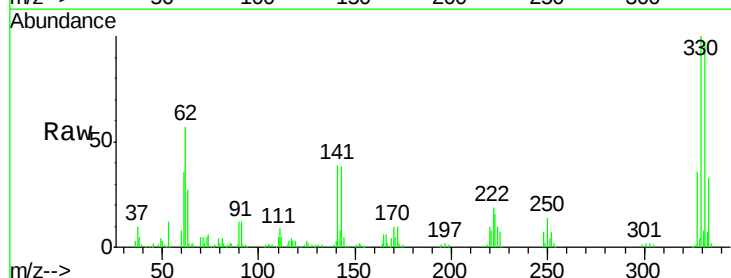
Tgt Ion:330 Resp: 259367

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

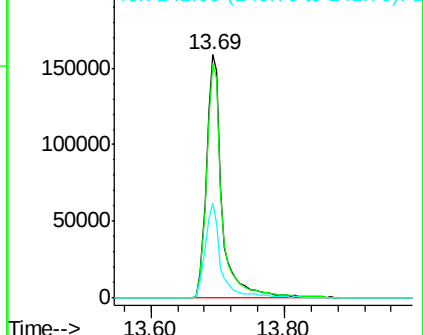
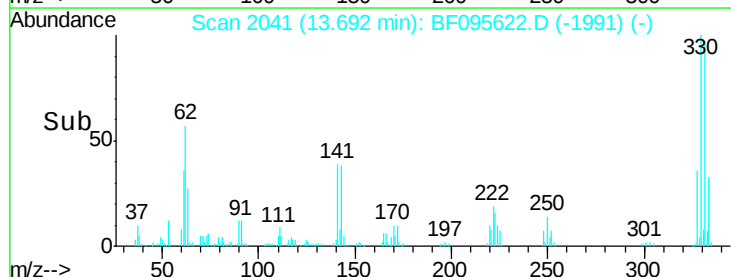
141 38.5 31.4 47.2

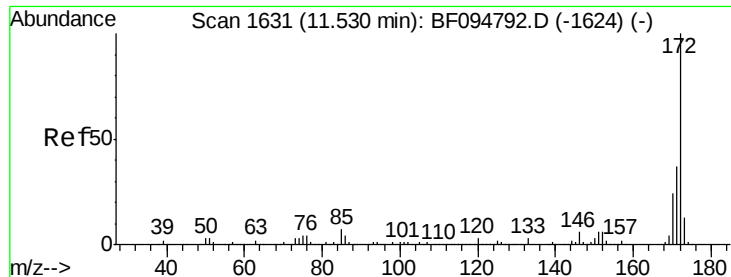


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

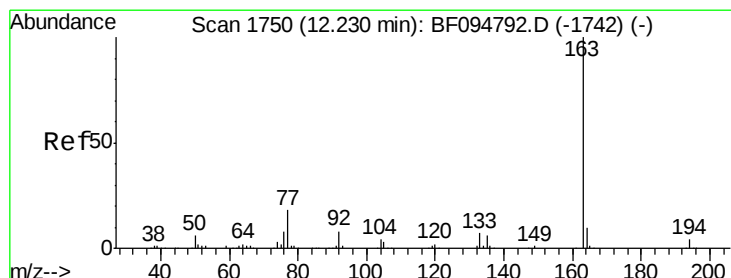
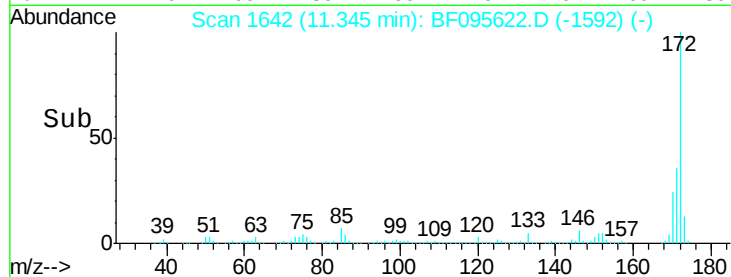
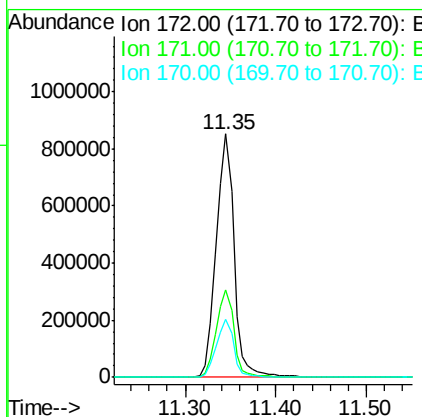
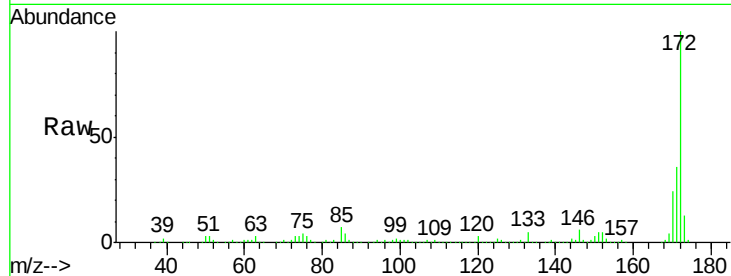




#44
2-Fluorobiphenyl
Concen: 85.806 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095622.D
Acq: 2 Jun 2017 7:05

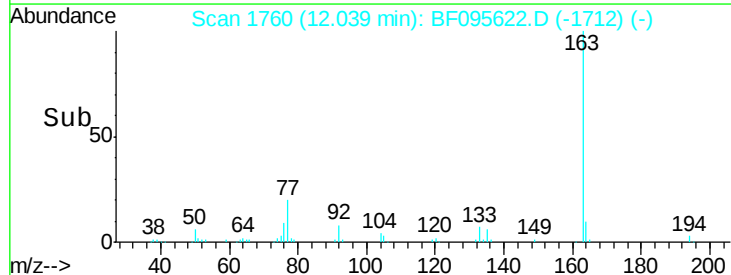
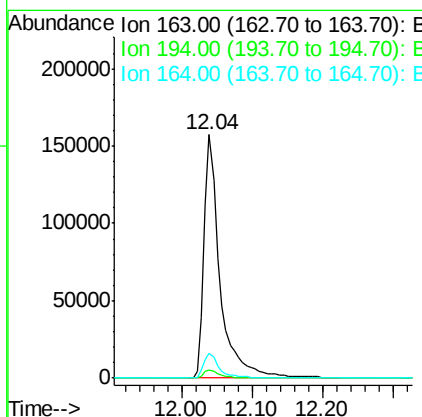
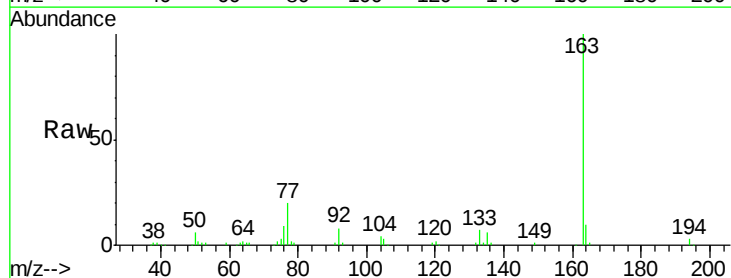
Instrument :
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ClientSampleId :
SB-08-COMP

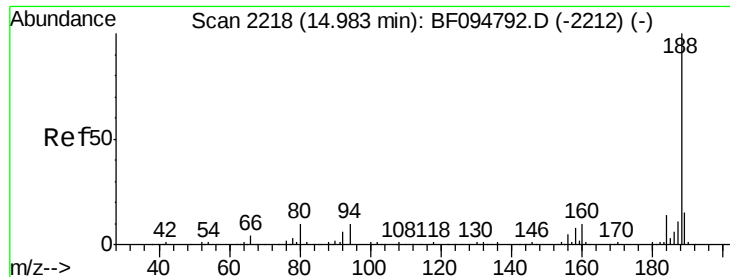
Tgt Ion:172 Resp: 1162628
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 15.647 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095622.D
Acq: 2 Jun 2017 7:05

Tgt Ion:163 Resp: 250512
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

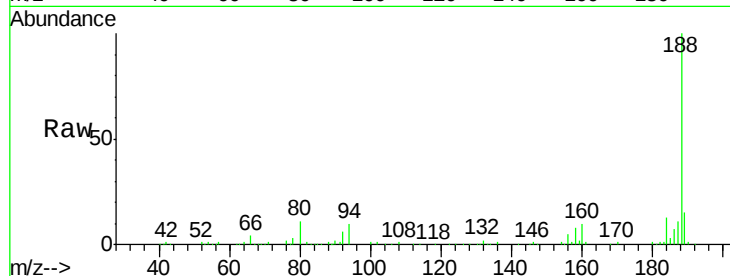
Tgt Ion:188 Resp: 392856

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

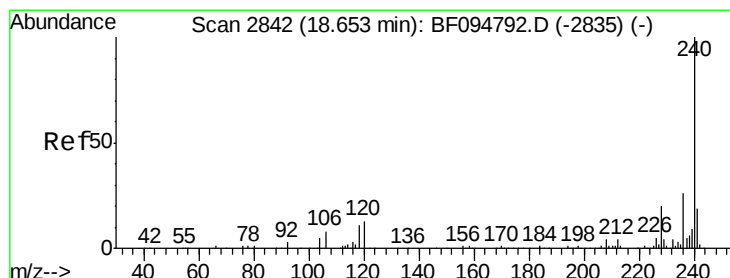
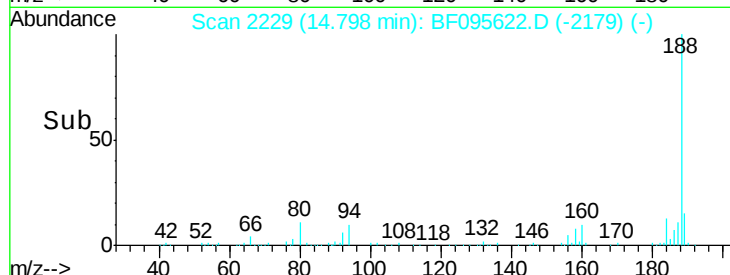
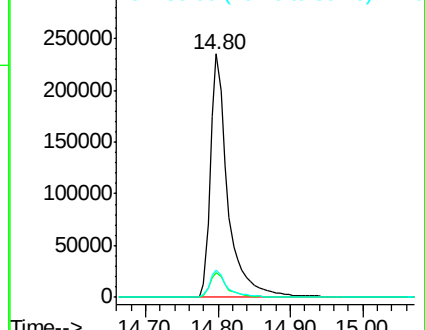
80 11.3 10.2 15.2



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: 20.000 ng

RT: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

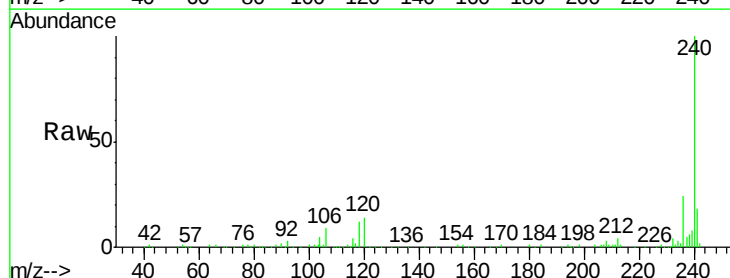
Tgt Ion:240 Resp: 311955

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

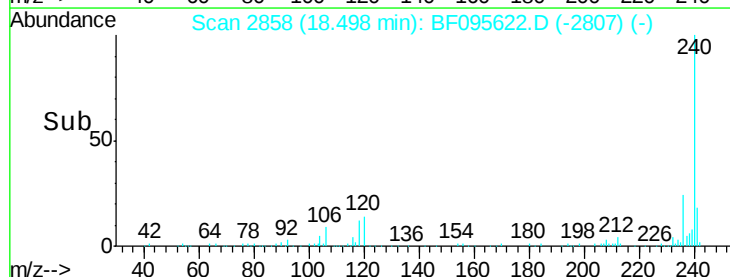
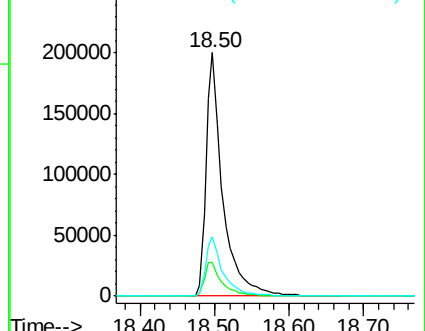
236 24.5 20.5 30.7

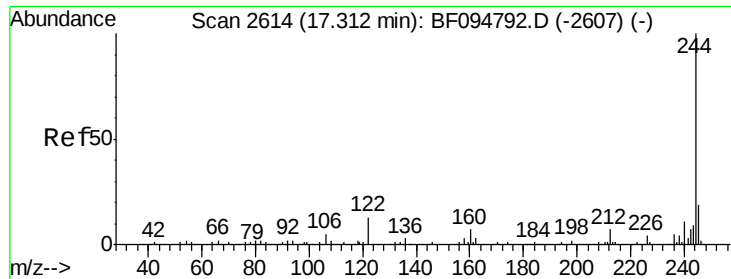


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

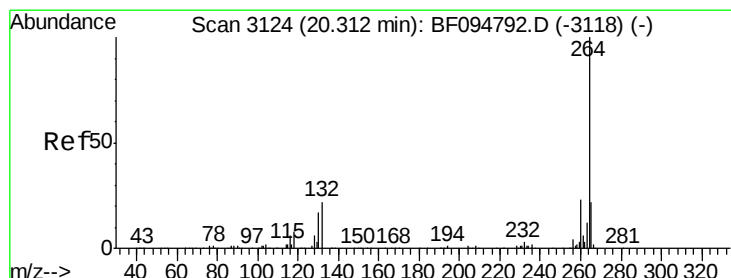
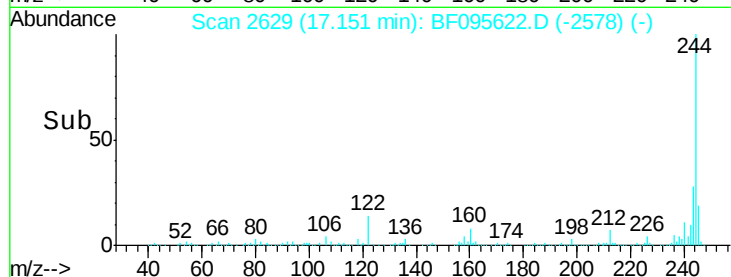
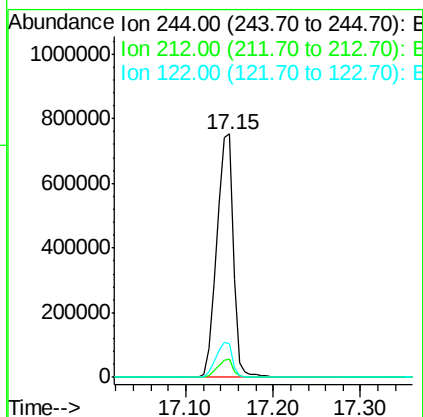
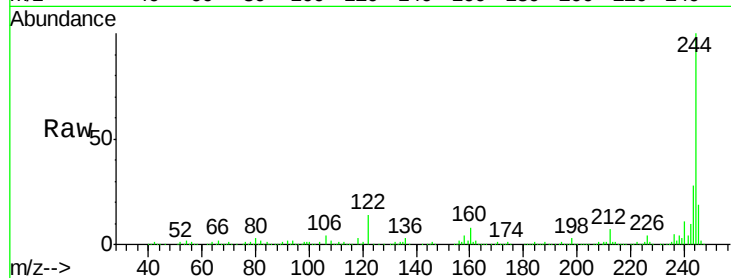




#78
 Terphenyl-d14
 Concen: 70.650 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095622.D
 Acq: 2 Jun 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tgt Ion:244 Resp: 1000633
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095622.D
 Acq: 2 Jun 2017 7:05

Tgt Ion:264 Resp: 206071
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.8 17.2 25.8

