

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095603.D
 Acq On : 1 Jun 2017 19:41
 Operator : SJ/MA
 Sample : I3361-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S22-0024

Quant Time: Jun 02 03:59:33 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

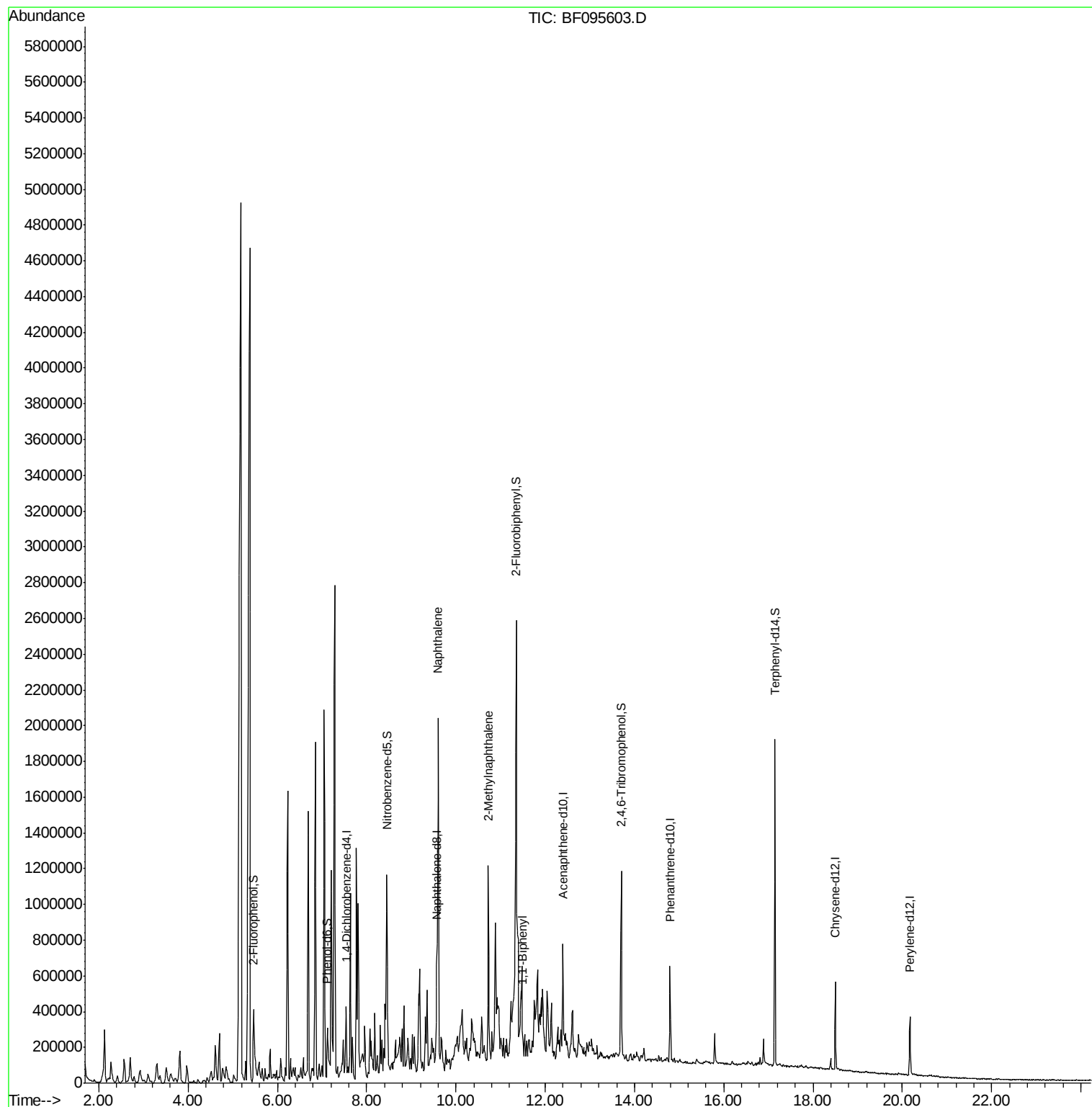
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	76507	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	315597	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	162167	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	272814	20.00	ng	0.00
75) Chrysene-d12	18.50	240	217390	20.00	ng	0.00
86) Perylene-d12	20.17	264	148926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	301957	65.80	ng	0.02
7) Phenol-d6	7.12	99	285019	51.77	ng	0.02
23) Nitrobenzene-d5	8.45	82	468380	93.59	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	180482	135.90	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	917302	81.42	ng	0.00
78) Terphenyl-d14	17.15	244	722565	73.21	ng	0.00
Target Compounds						
31) Naphthalene	9.60	128	1376430	86.776	ng	99
37) 2-Methylnaphthalene	10.73	142	406791	39.077	ng	98
45) 1,1'-Biphenyl	11.50	154	40528	2.968	ng	96

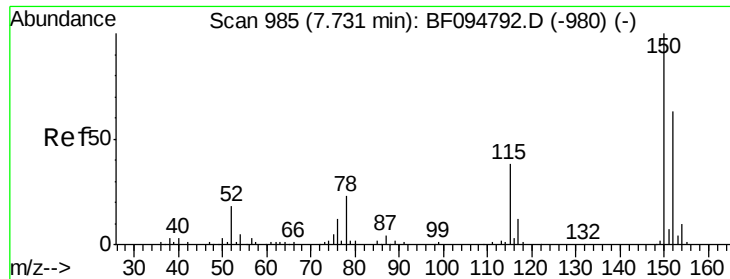
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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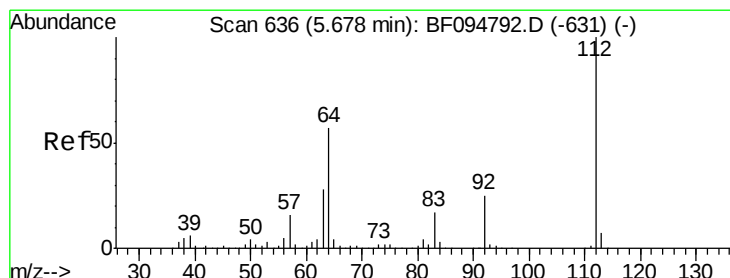
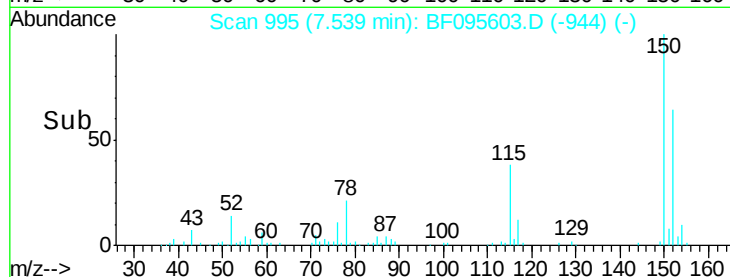
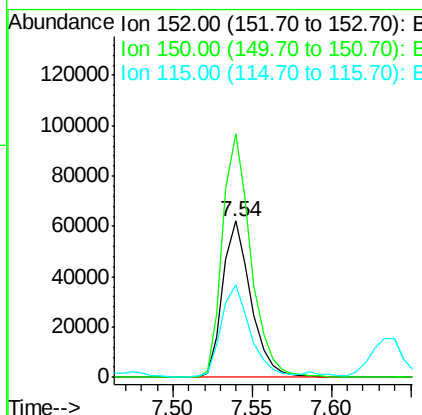
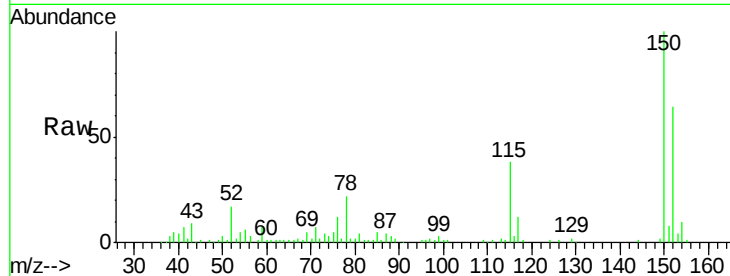


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095603.D
Acq: 1 Jun 2017 19:41

Instrument :
BNA_F
ClientSampleId :
S22-0024

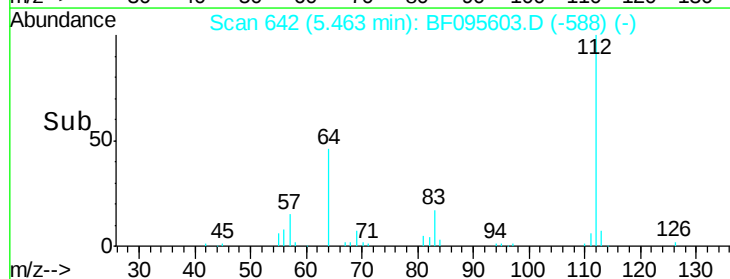
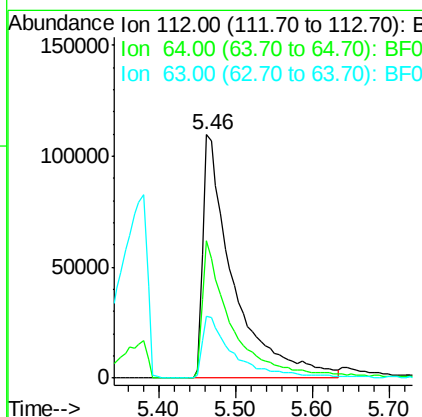
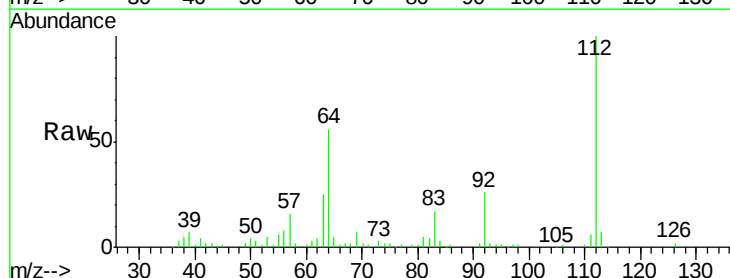
Tgt Ion:152 Resp: 76507
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 59.3 52.2 78.2

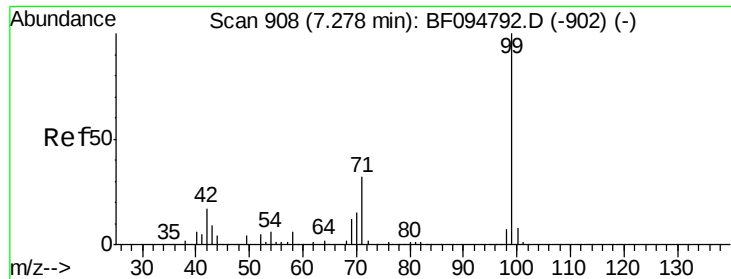


#5

2-Fluorophenol
Concen: 65.801 ng
RT: 5.46 min Scan# 642
Delta R.T. 0.02 min
Lab File: BF095603.D
Acq: 1 Jun 2017 19:41

Tgt Ion:112 Resp: 301957
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 25.4 23.4 35.0





#7

Phenol-d6

Concen: 51.765 ng

RT: 7.12 min Scan# 923

Delta R.T. 0.02 min

Lab File: BF095603.D

Acq: 1 Jun 2017 19:41

Instrument :

BNA_F

ClientSampled :

S22-0024

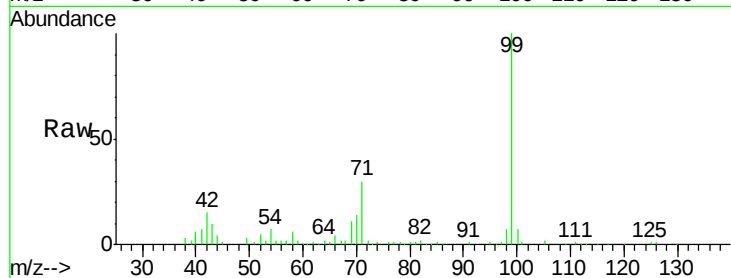
Tgt Ion: 99 Resp: 285019

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

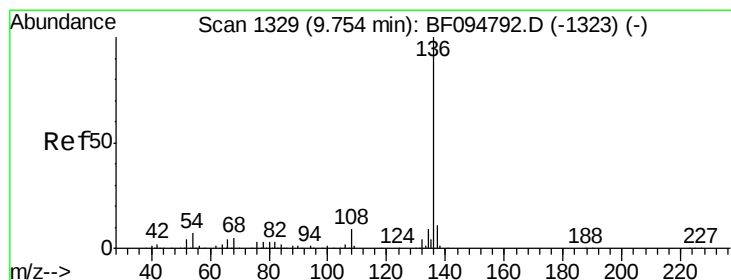
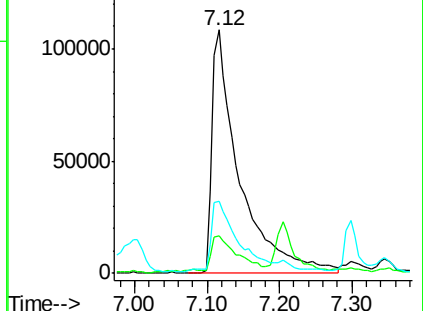
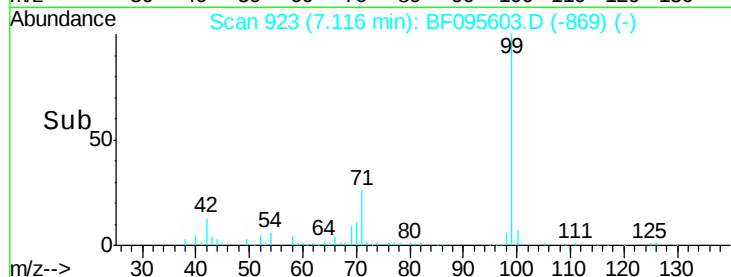
71 29.7 24.5 36.7



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: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095603.D

Acq: 1 Jun 2017 19:41

Tgt Ion: 136 Resp: 315597

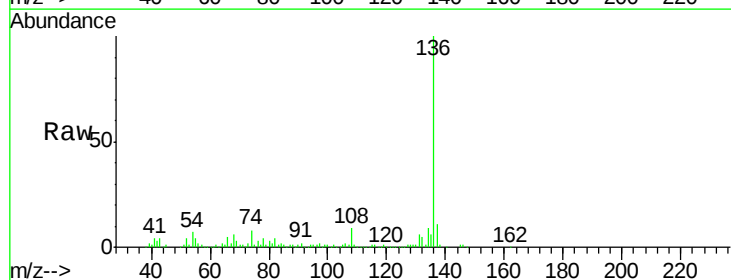
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

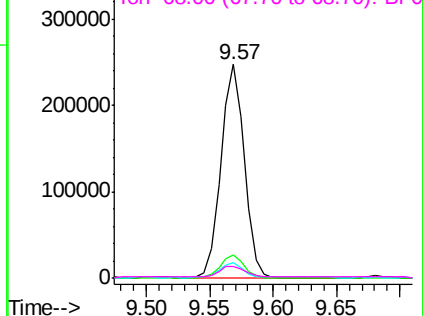
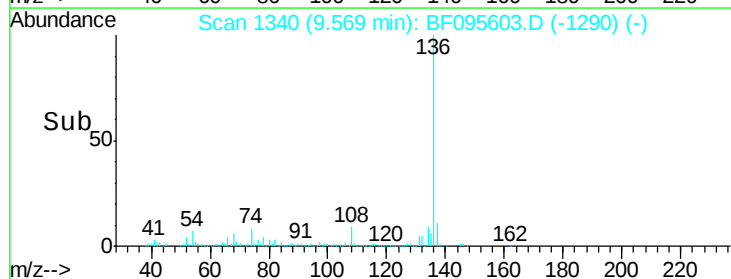


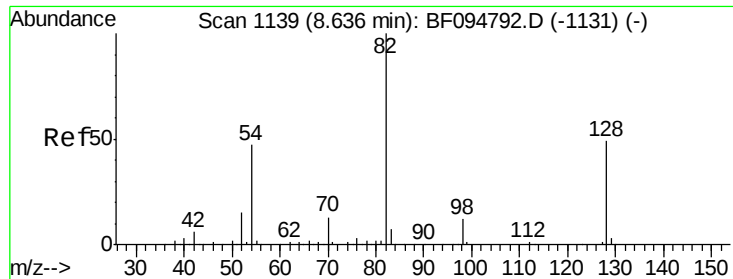
Abundance Ion 136.00 (135.70 to 136.70): E

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

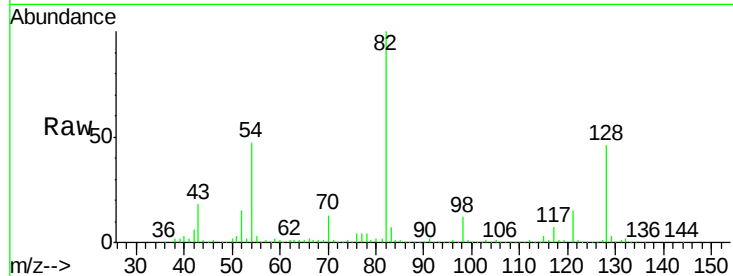




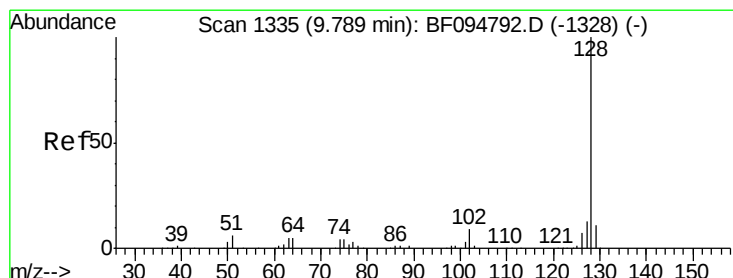
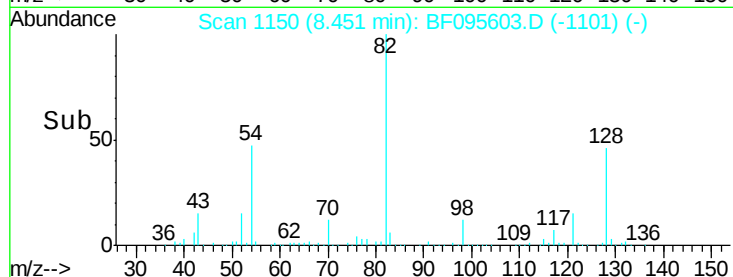
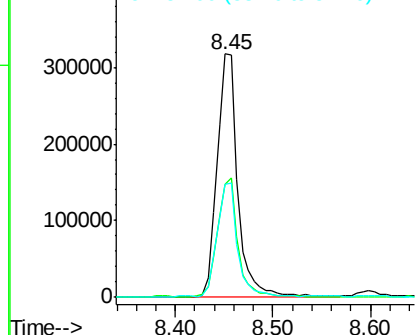
#23
 Nitrobenzene-d5
 Concen: 93.586 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095603.D
 Acq: 1 Jun 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 S22-0024

Tgt Ion: 82 Resp: 468380
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 46.6 42.2 63.2

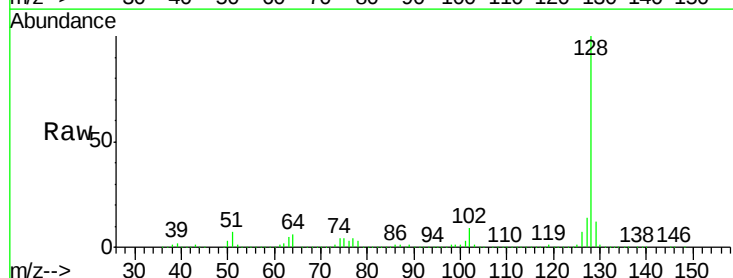


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

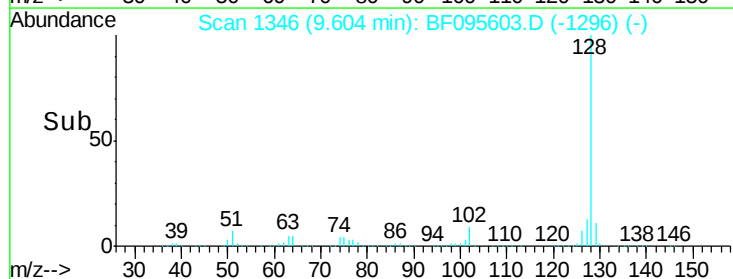
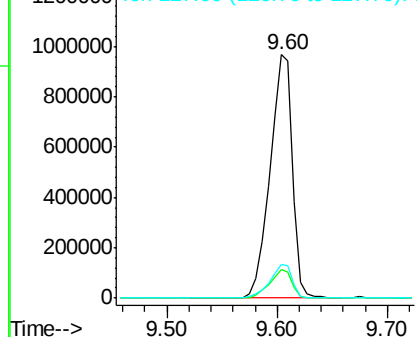


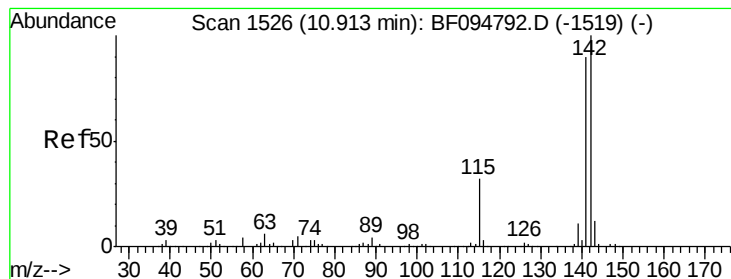
#31
 Naphthalene
 Concen: 86.776 ng
 RT: 9.60 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF095603.D
 Acq: 1 Jun 2017 19:41

Tgt Ion: 128 Resp: 1376430
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.6
 127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 39.077 ng

RT: 10.73 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF095603.D

Acq: 1 Jun 2017 19:41

Instrument :

BNA_F

ClientSampleId :

S22-0024

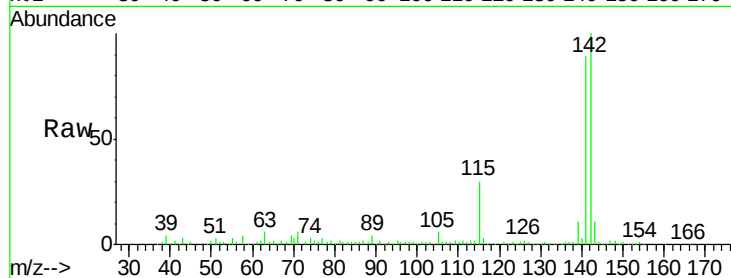
Tgt Ion:142 Resp: 406791

Ion Ratio Lower Upper

142 100

141 89.3 71.3 106.9

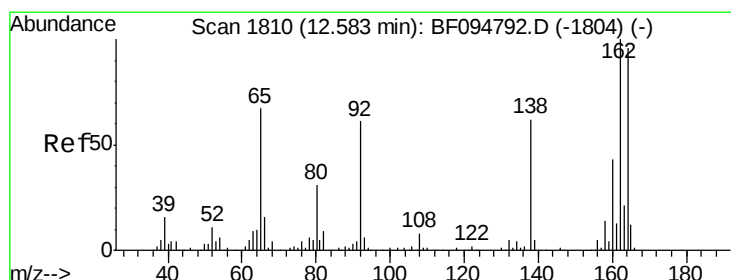
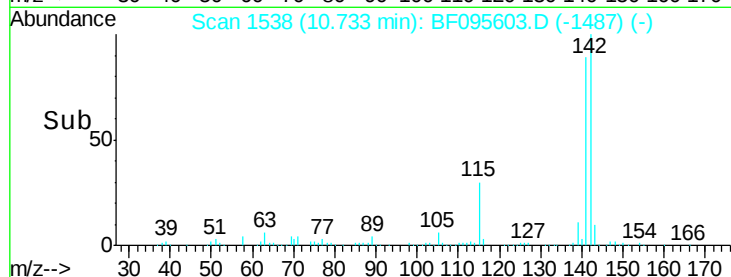
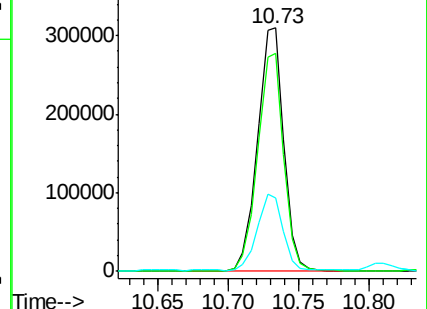
115 30.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.40 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF095603.D

Acq: 1 Jun 2017 19:41

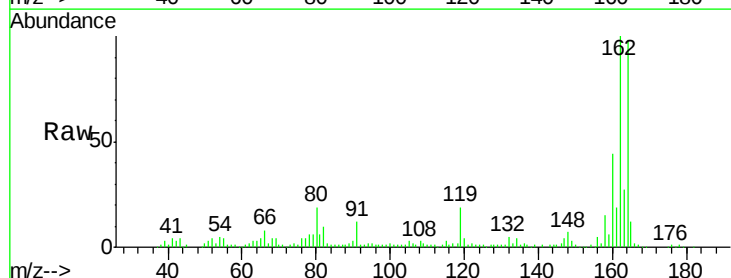
Tgt Ion:164 Resp: 162167

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

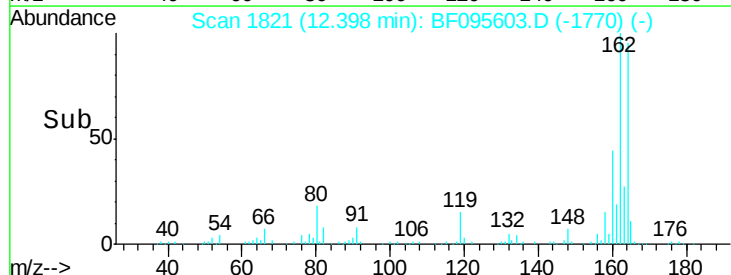
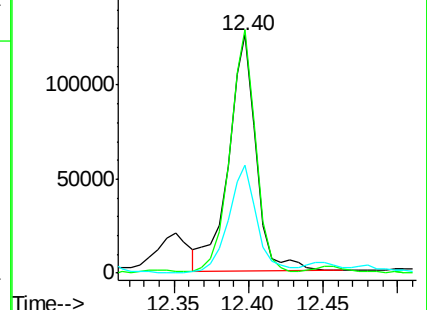
160 45.3 36.2 54.2

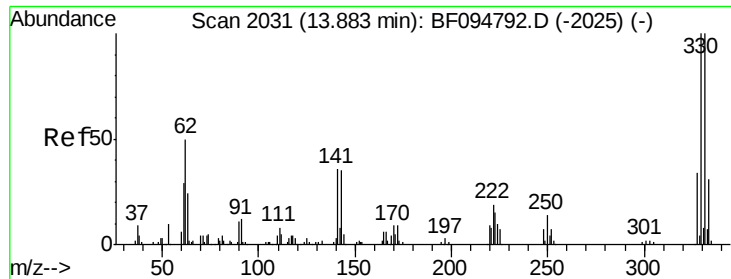


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

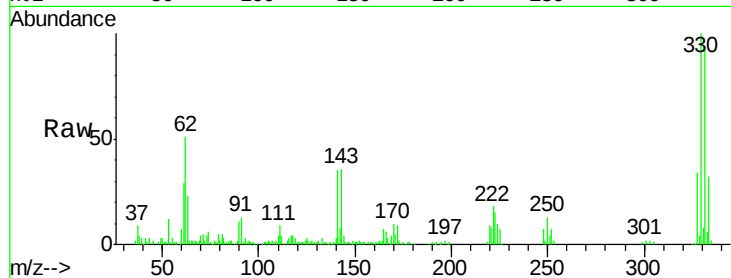




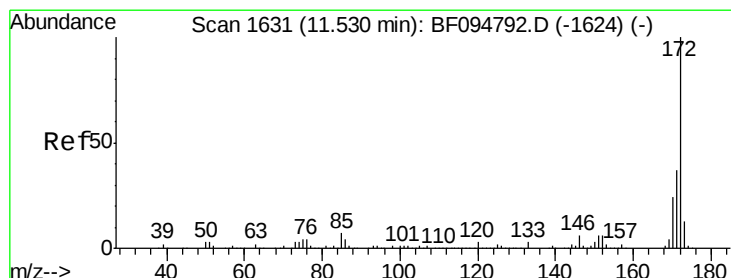
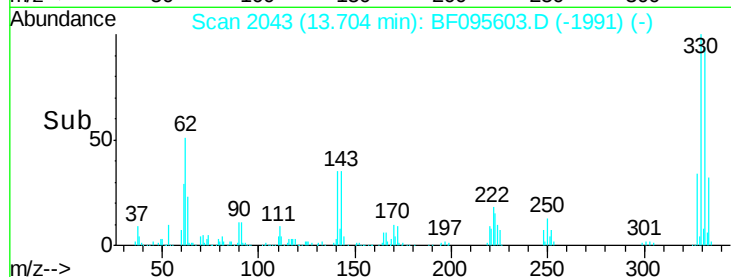
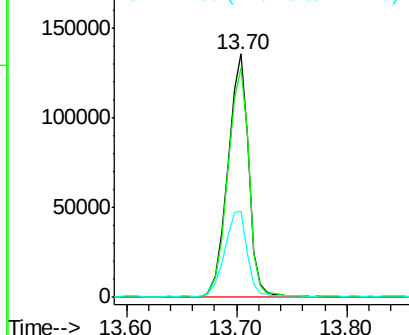
#41
 2,4,6-Tribromophenol
 Concen: 135.895 ng
 RT: 13.70 min Scan# 2043
 Delta R.T. 0.01 min
 Lab File: BF095603.D
 Acq: 1 Jun 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 S22-0024

Tgt Ion:330 Resp: 180482
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 37.9 31.4 47.2

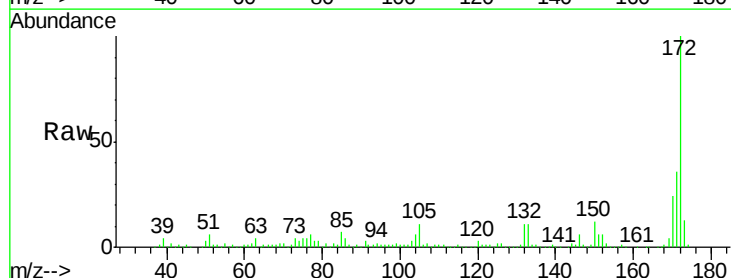


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

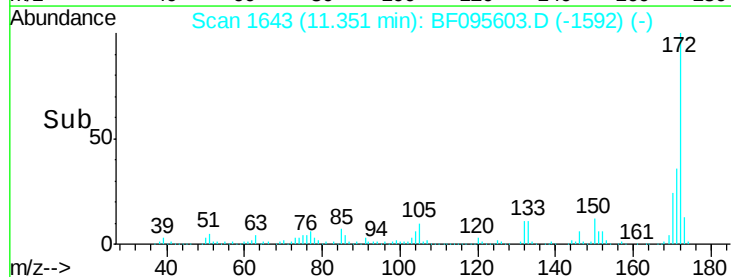
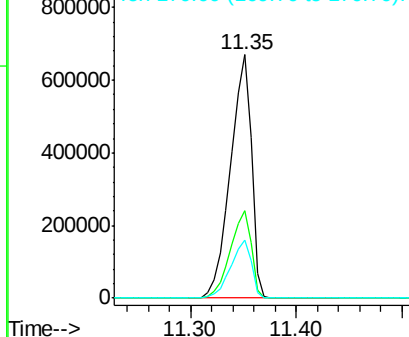


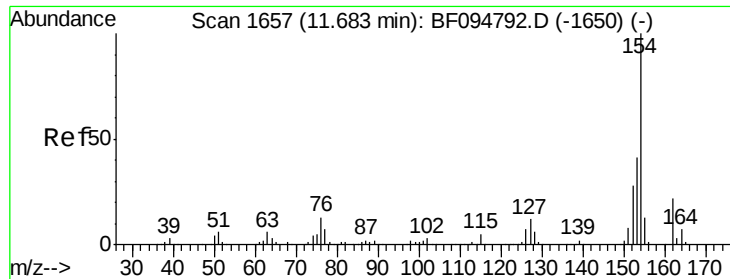
#44
 2-Fluorobiphenyl
 Concen: 81.417 ng
 RT: 11.35 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BF095603.D
 Acq: 1 Jun 2017 19:41

Tgt Ion:172 Resp: 917302
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.8 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

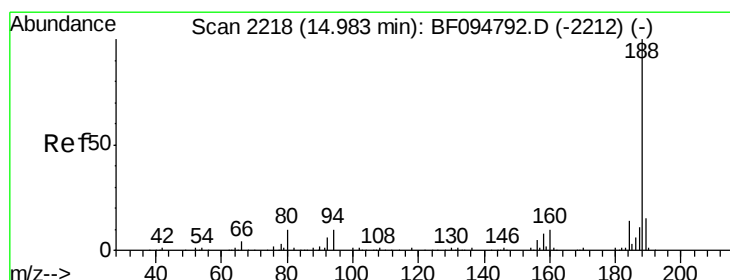
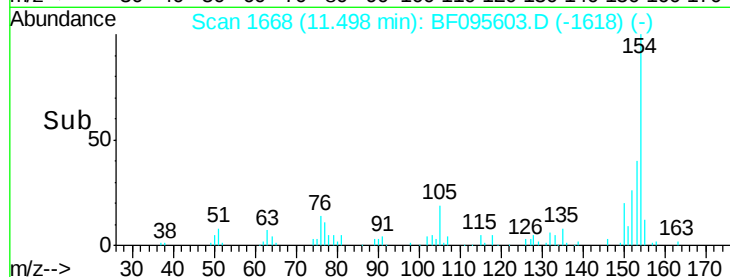
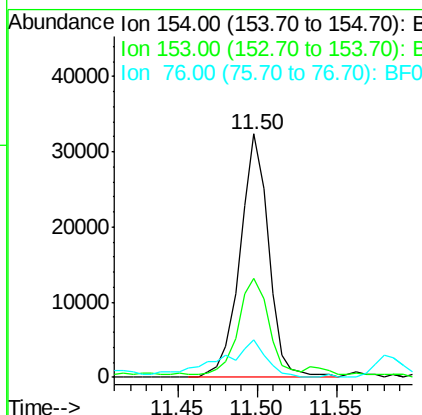
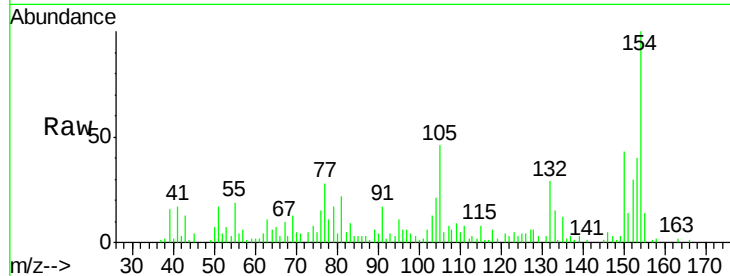




#45
 1,1'-Biphenyl
 Concen: 2.968 ng
 RT: 11.50 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF095603.D
 Acq: 1 Jun 2017 19:41

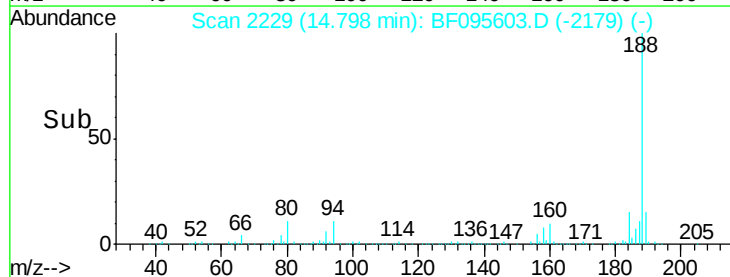
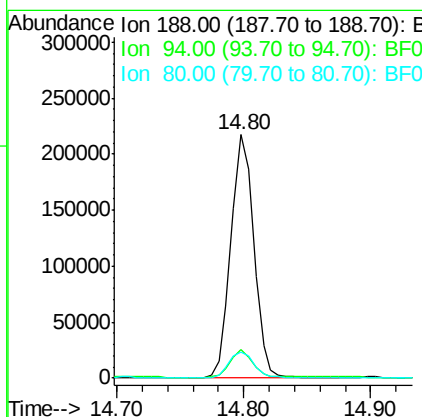
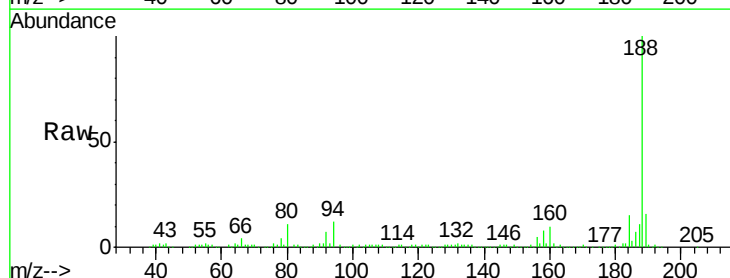
Instrument :
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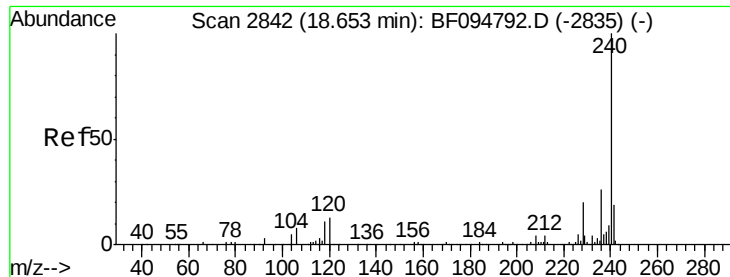
Tgt Ion:154 Resp: 40528
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.2 61.2
 76 15.2 0.0 29.9



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095603.D
 Acq: 1 Jun 2017 19:41

Tgt Ion:188 Resp: 272814
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 10.9 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095603.D

Acq: 1 Jun 2017 19:41

Instrument :

BNA_F

ClientSampleId :

S22-0024

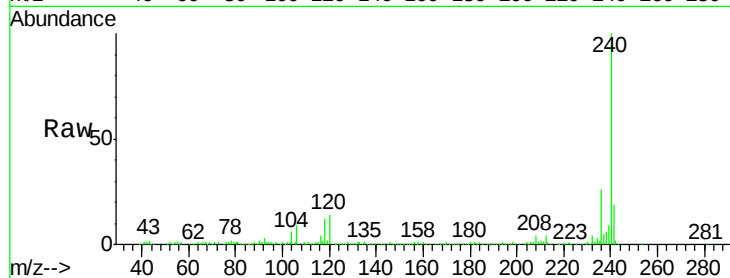
Tgt Ion:240 Resp: 217390

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

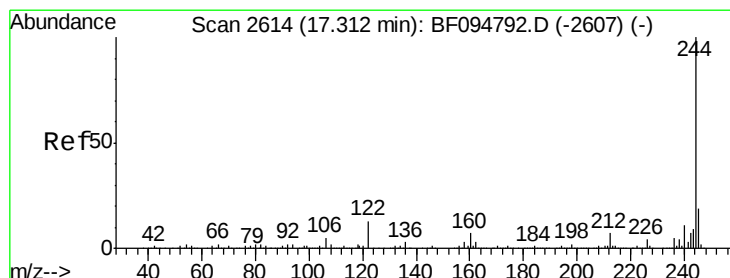
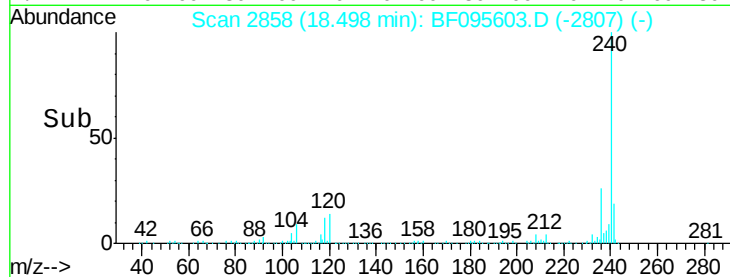
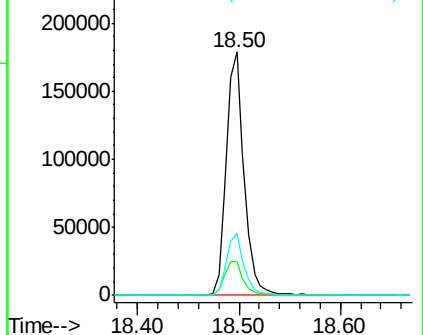
236 25.5 20.5 30.7



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: 73.209 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BF095603.D

Acq: 1 Jun 2017 19:41

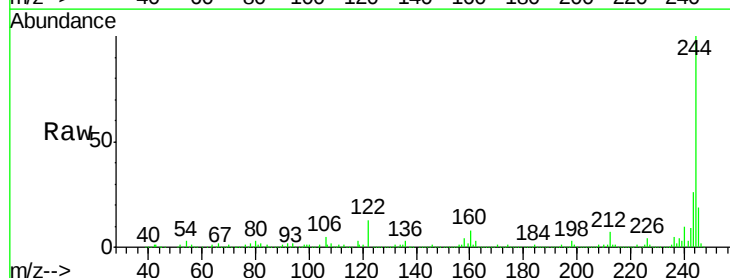
Tgt Ion:244 Resp: 722565

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

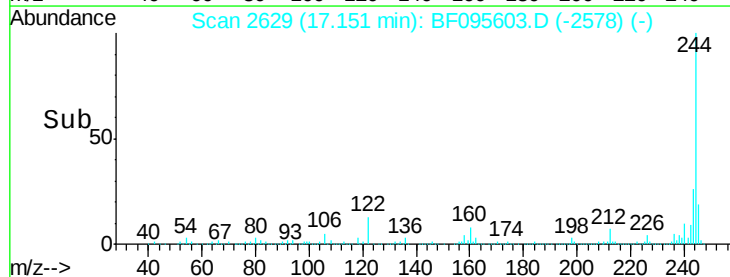
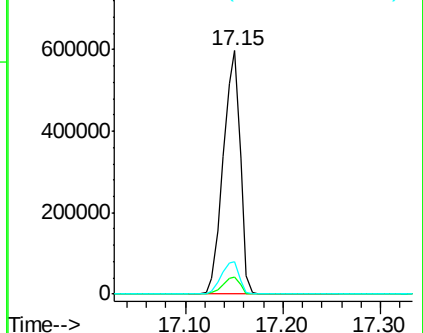
122 13.3 10.3 15.5

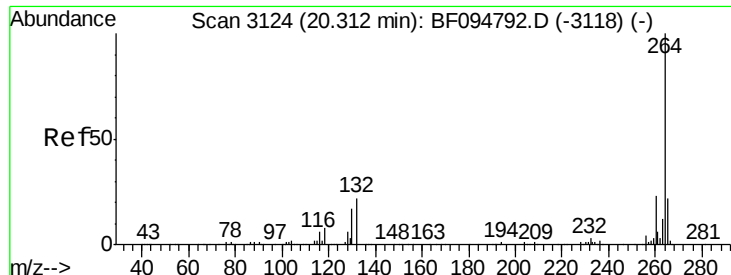


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095603.D
Acq: 1 Jun 2017 19:41

Instrument :
BNA_F
ClientSampleId :
S22-0024

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	17.2	25.8

