

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111093.D
 Acq On : 29 Nov 2018 16:30
 Operator : JU/SJ
 Sample : J6125-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-028-A

Quant Time: Nov 29 17:34:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:35:31 2018
 Response via : Initial Calibration

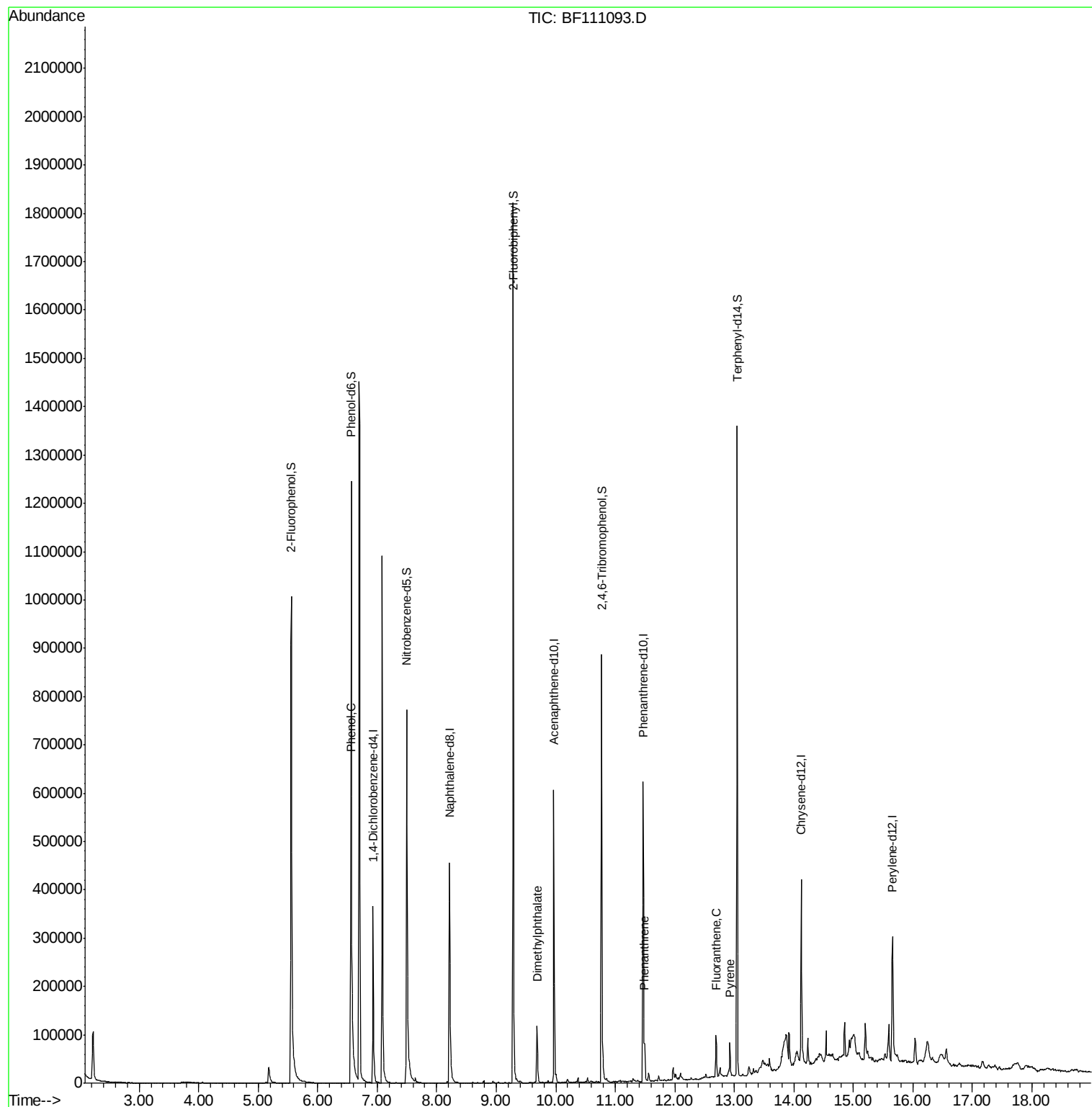
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	65342	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	275988	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	130086	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	234755	20.00	ng	0.00
76) Chrysene-d12	14.13	240	133660	20.00	ng	0.00
87) Perylene-d12	15.66	264	134975	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	386199	98.01	ng	0.00
7) Phenol-d6	6.56	99	492845	95.98	ng	0.00
23) Nitrobenzene-d5	7.50	82	307978	63.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	110756	85.73	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	587264	65.40	ng	0.00
79) Terphenyl-d14	13.04	244	451064	65.69	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	37756	6.529	ng	76
50) Dimethylphthalate	9.69	163	63309	6.636	ng	99
71) Phenanthrene	11.49	178	37306	3.000	ng	98
75) Fluoranthene	12.69	202	38172	2.987	ng	98
78) Pyrene	12.93	202	31624	3.239	ng	96

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

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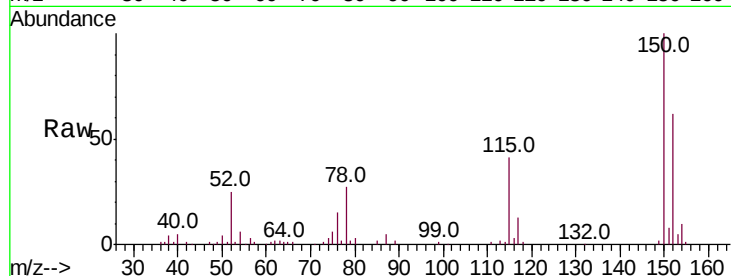


#1

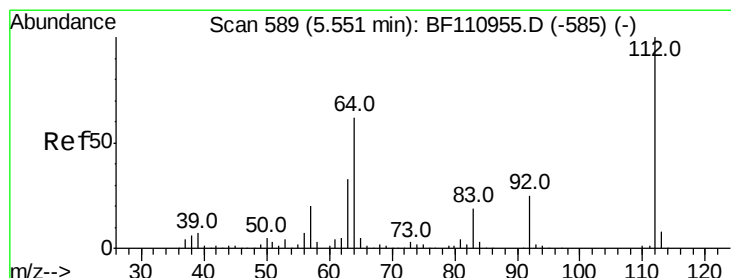
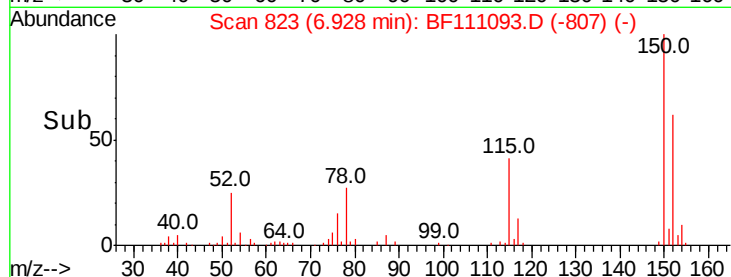
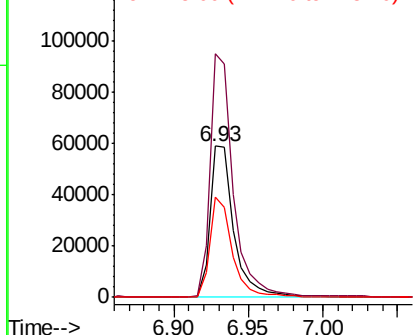
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF111093.D
Acq: 29 Nov 2018 16:30

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tot Ion:152 Resp: 65342
Ion Ratio Lower Upper
152 100
150 161.2 122.7 184.1
115 66.3 49.1 73.7



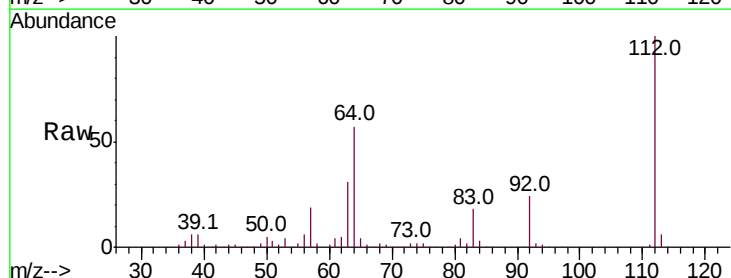
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



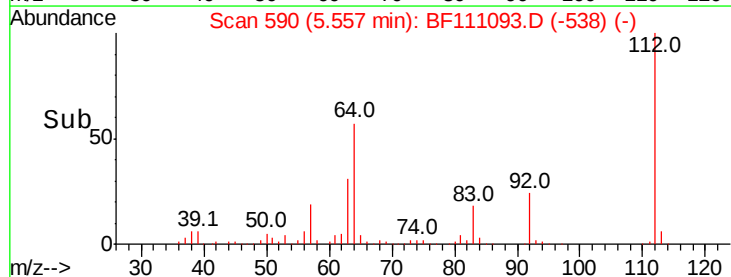
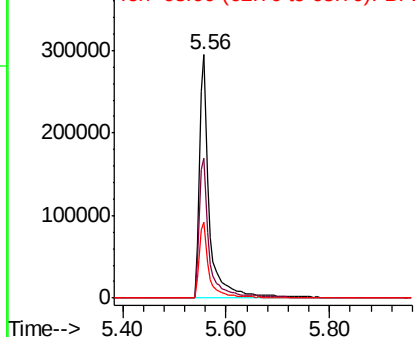
#5

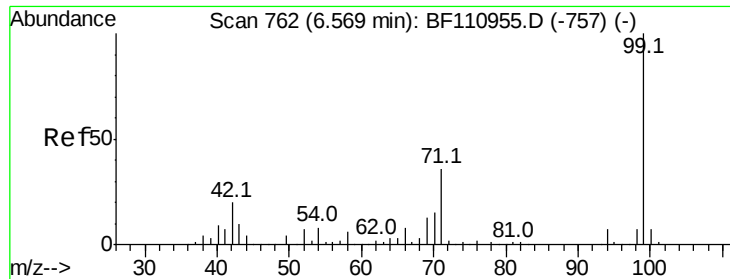
2-Fluorophenol
Concen: 98.014 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111093.D
Acq: 29 Nov 2018 16:30

Tgt Ion:112 Resp: 386199
Ion Ratio Lower Upper
112 100
64 57.4 44.1 66.1
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.981 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111093.D

Acq: 29 Nov 2018 16:30

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-028-A

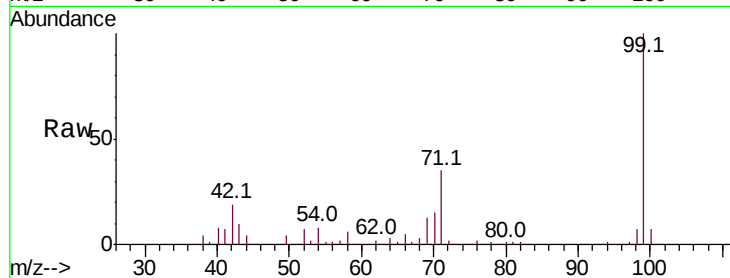
Tot Ion: 99 Resp: 492845

Ion Ratio Lower Upper

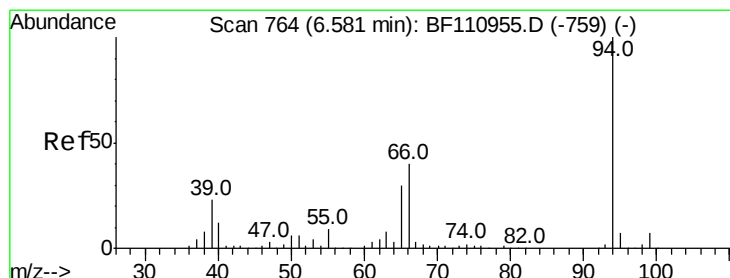
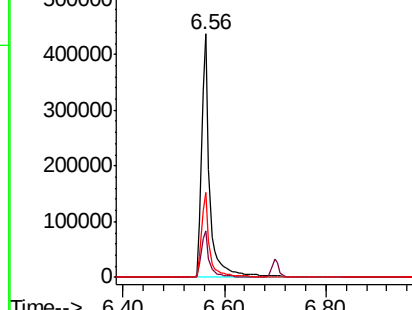
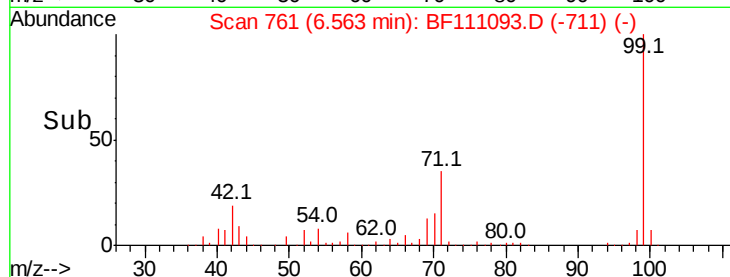
99 100

42 19.2 15.8 23.6

71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.529 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111093.D

Acq: 29 Nov 2018 16:30

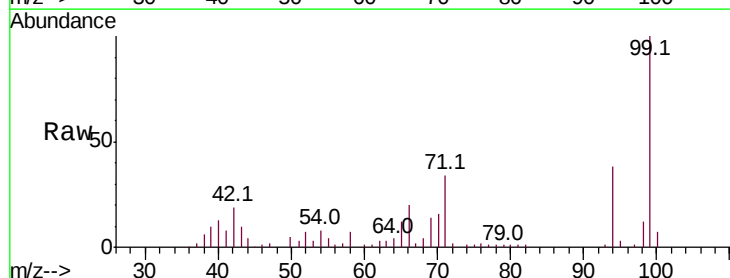
Tgt Ion: 94 Resp: 37756

Ion Ratio Lower Upper

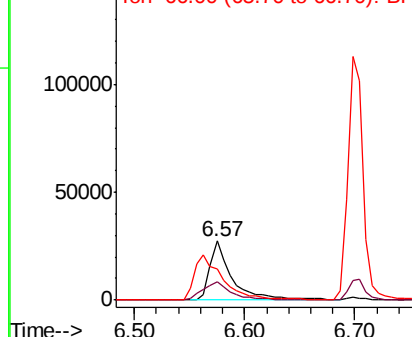
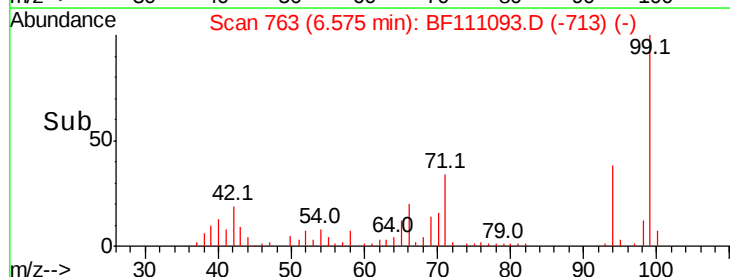
94 100

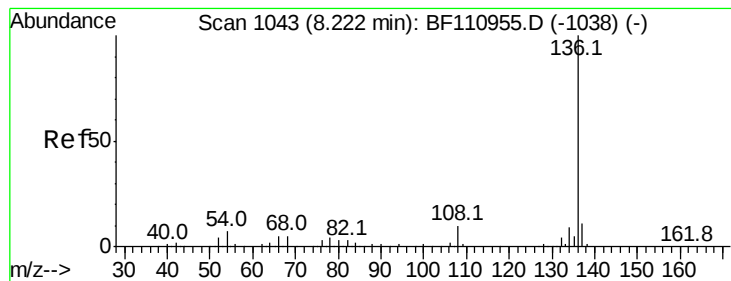
65 31.7 25.3 65.3

66 52.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111093.D

Acq: 29 Nov 2018 16:30

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-028-A

Tot Ion:136 Resp: 275988

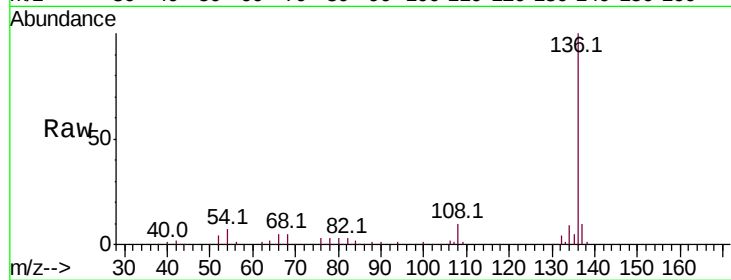
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.4 5.4 8.2

68 5.0 4.2 6.2

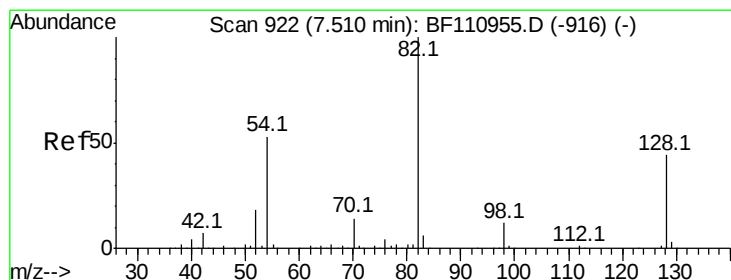
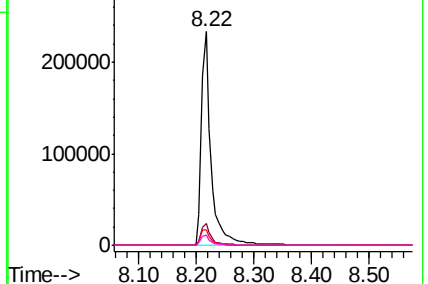
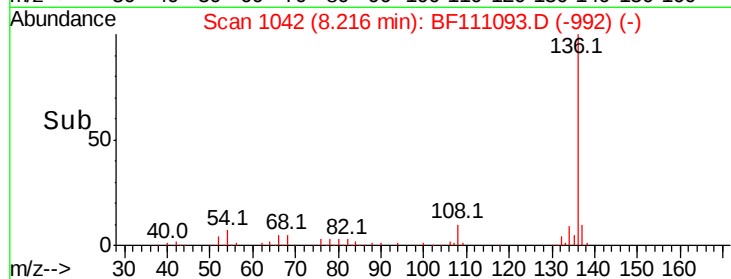


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 63.864 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF111093.D

Acq: 29 Nov 2018 16:30

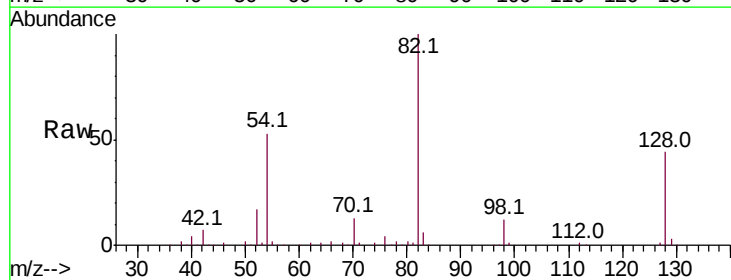
Tgt Ion: 82 Resp: 307978

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.2

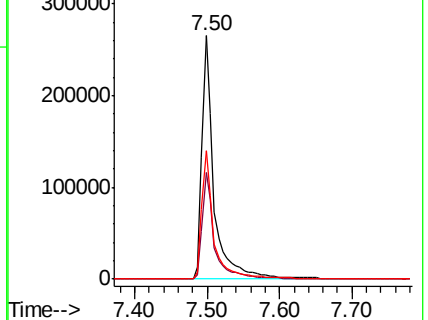
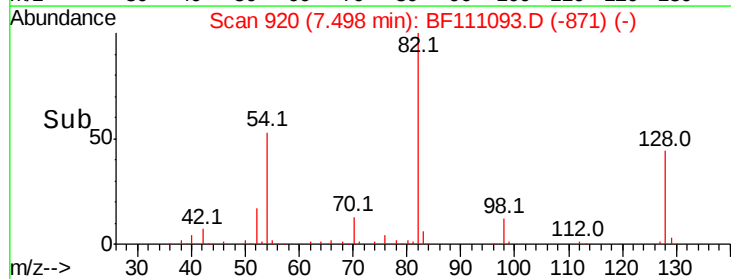
54 52.6 38.6 58.0

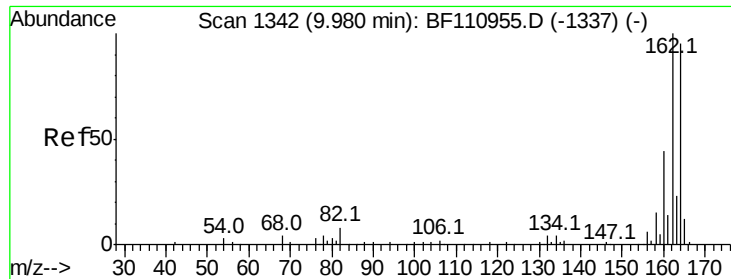


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

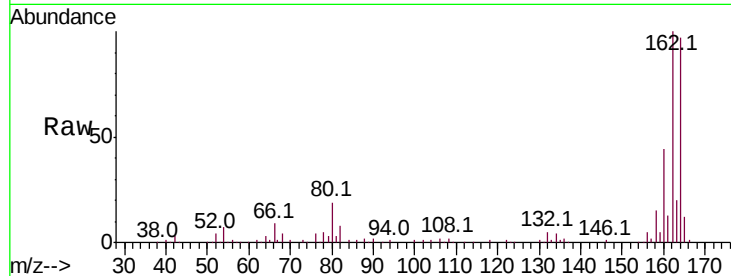




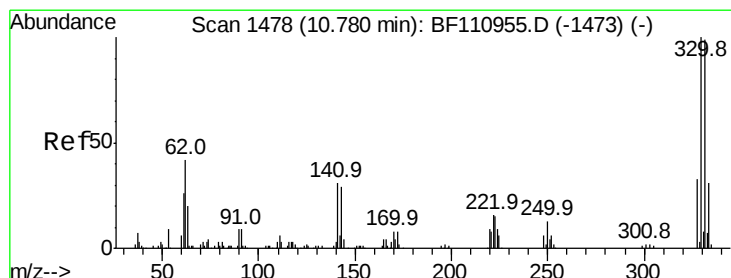
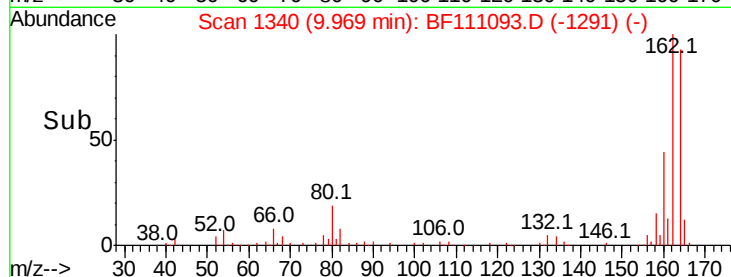
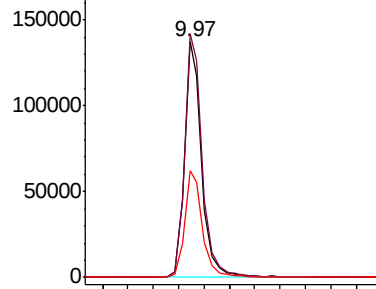
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111093.D
Acq: 29 Nov 2018 16:30

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tot Ion:164 Resp: 130086
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 45.0 37.0 55.6

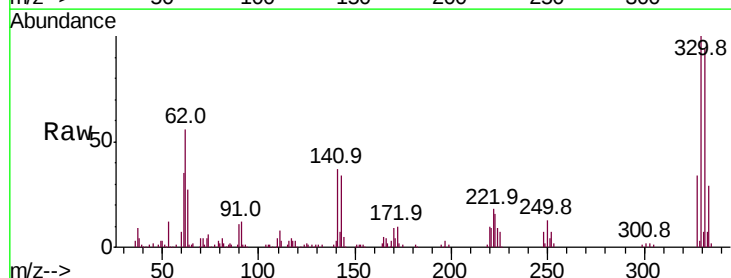


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

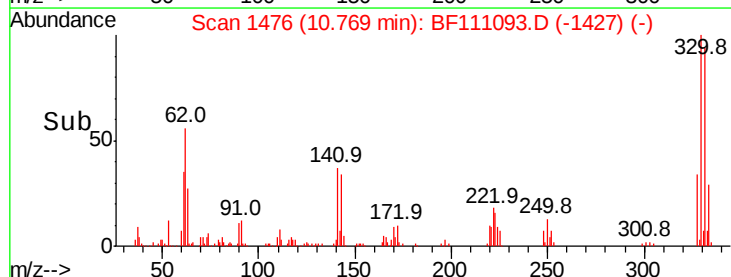
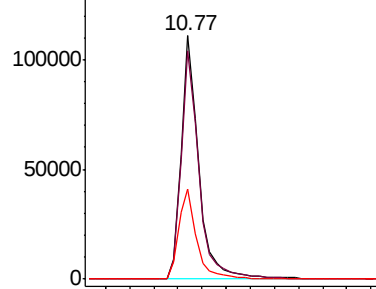


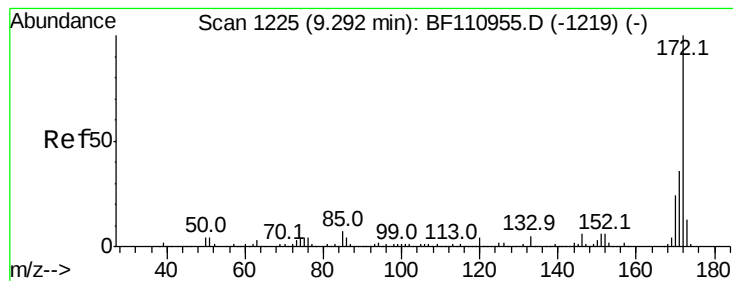
#42
2,4,6-Tribromophenol
Concen: 85.729 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111093.D
Acq: 29 Nov 2018 16:30

Tgt Ion:330 Resp: 110756
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 38.4 27.0 40.4



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





#45

2-Fluorobiphenyl

Concen: 65.404 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF111093.D

Acq: 29 Nov 2018 16:30

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-028-A

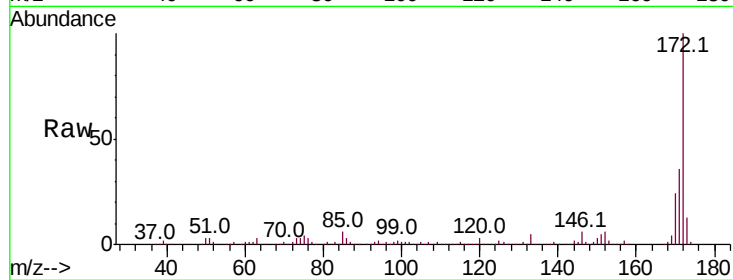
Tot Ion:172 Resp: 587264

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

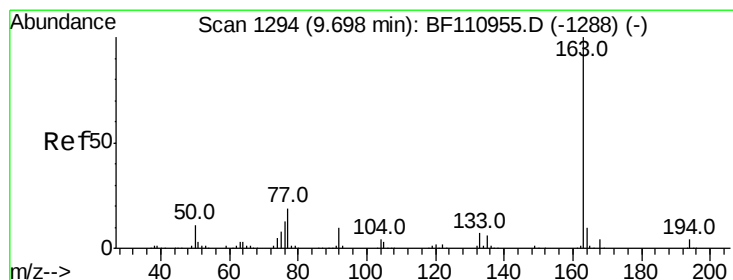
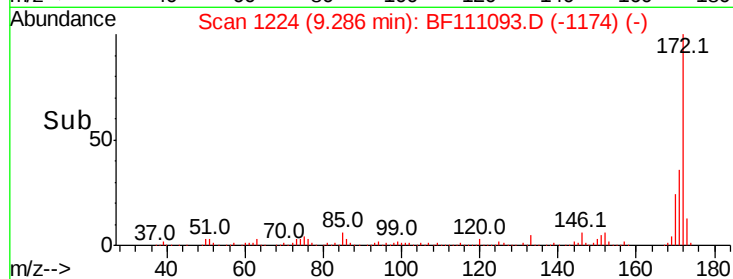
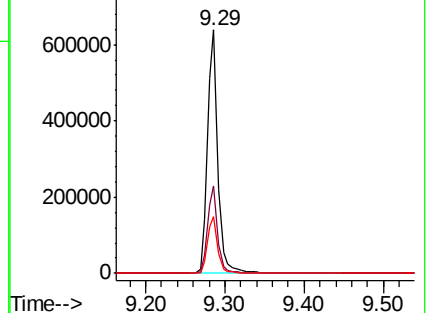
170 23.5 19.7 29.5



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



#50

Dimethylphthalate

Concen: 6.636 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111093.D

Acq: 29 Nov 2018 16:30

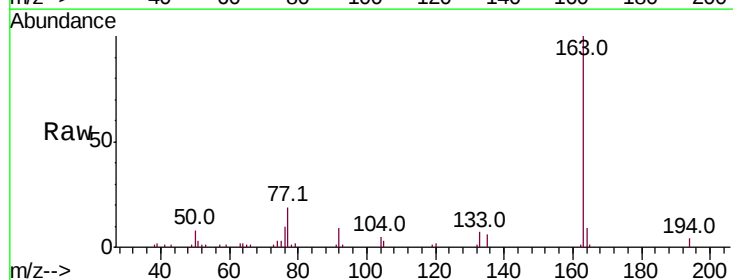
Tgt Ion:163 Resp: 63309

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

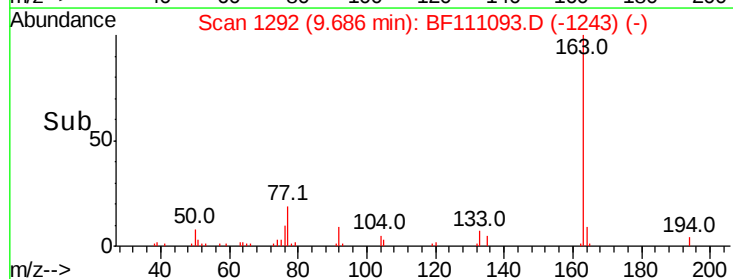
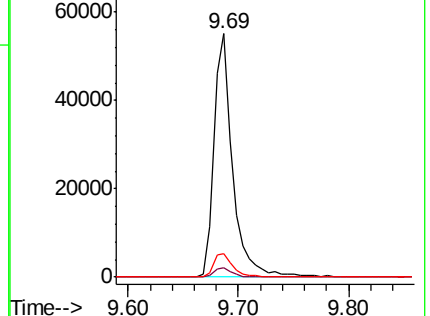
164 9.4 8.1 12.1

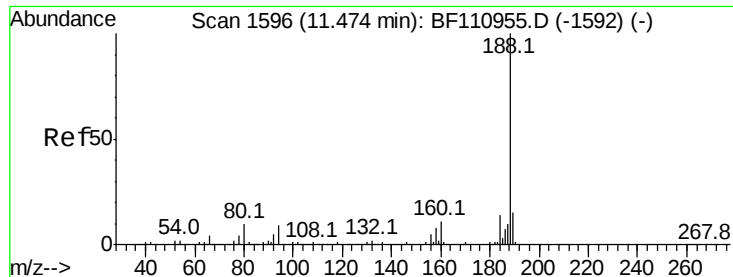


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

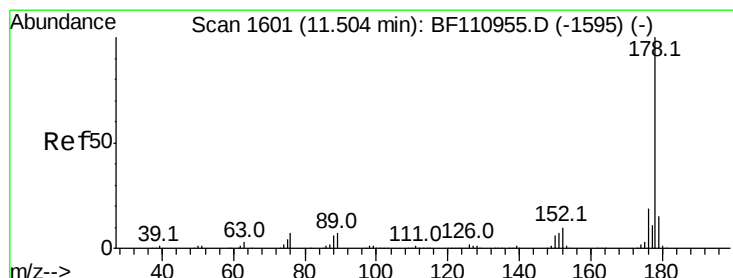
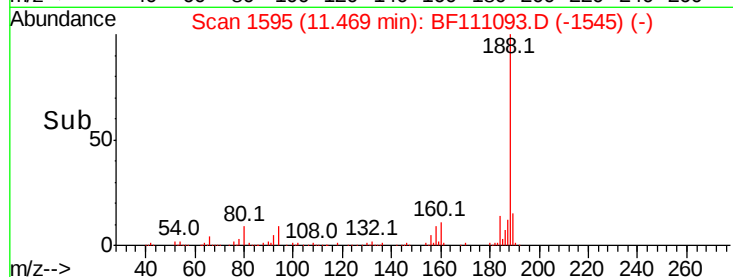
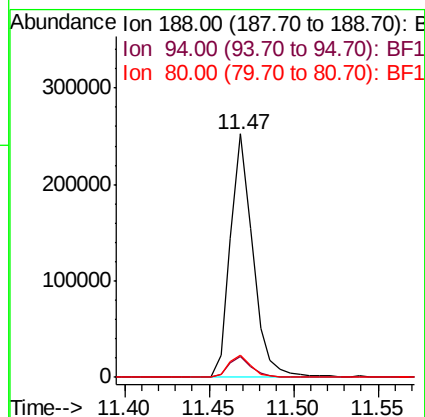
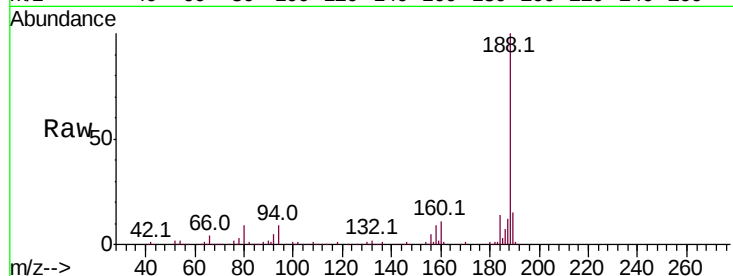




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111093.D
Acq: 29 Nov 2018 16:30

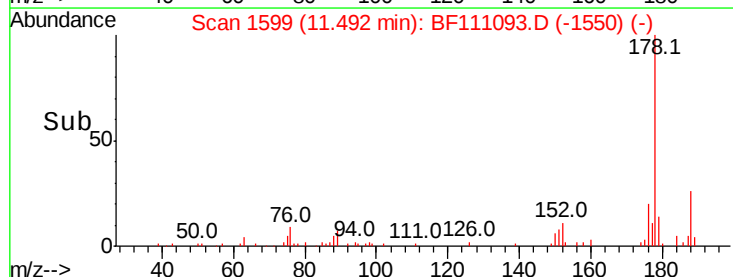
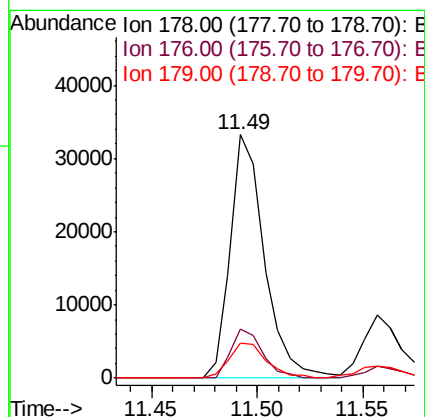
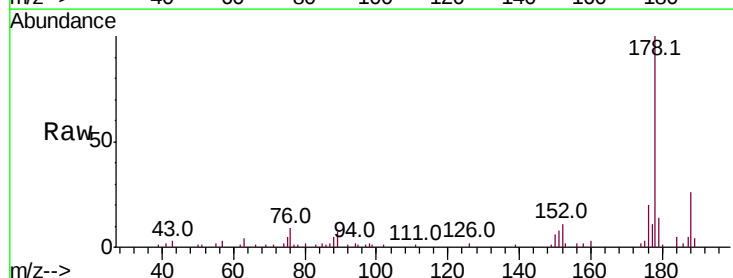
Instrument :
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FK-GF-02-028-A

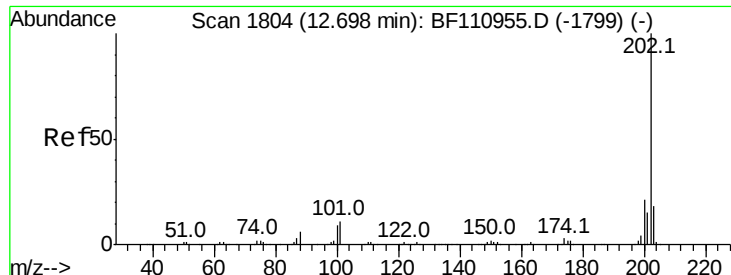
Tot Ion:188 Resp: 234755
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.0 7.9 11.9



#71
Phenanthrene
Concen: 3.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF111093.D
Acq: 29 Nov 2018 16:30

Tgt Ion:178 Resp: 37306
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 14.4 12.5 18.7

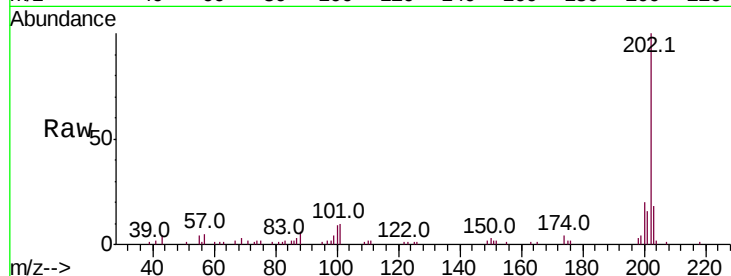




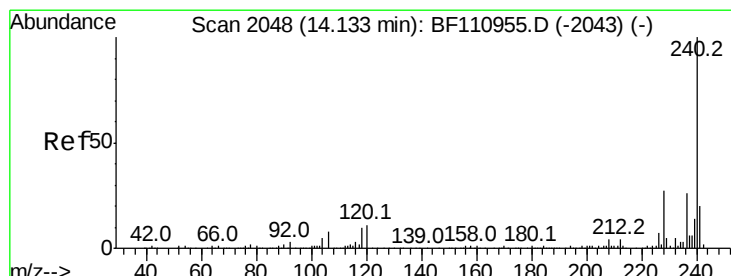
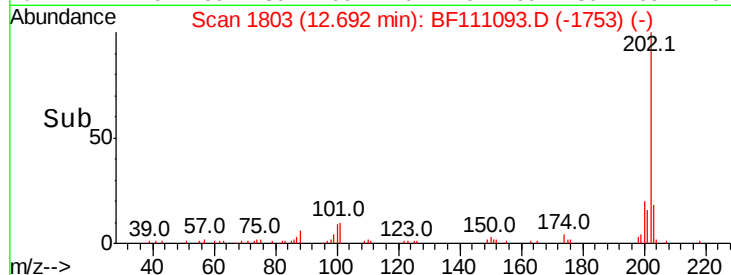
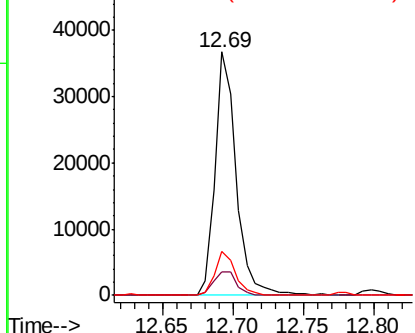
#75
 Fluoranthene
 Concen: 2.987 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF111093.D
 Acq: 29 Nov 2018 16:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-028-A

Tot Ion:202 Resp: 38172
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 31.4
 203 18.1 0.0 37.7

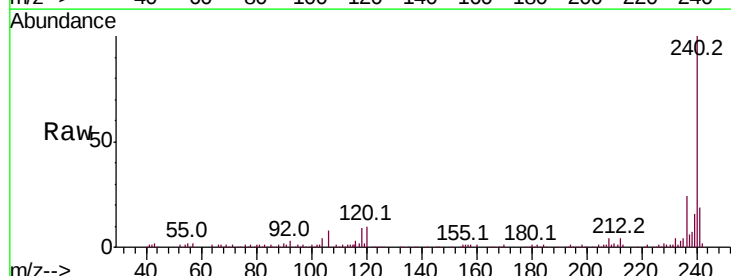


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

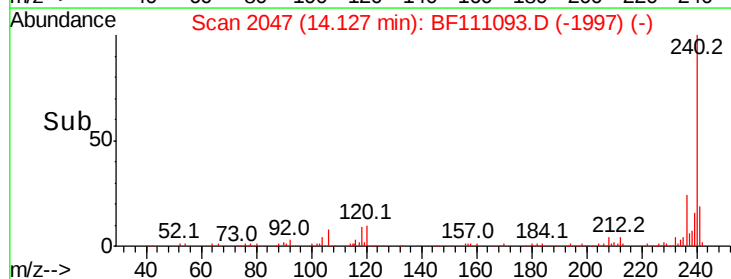
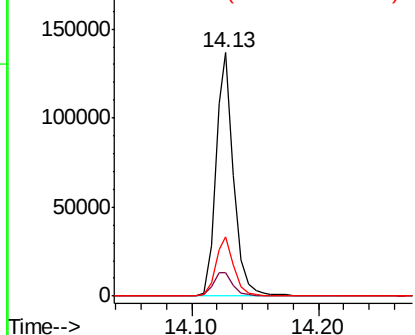


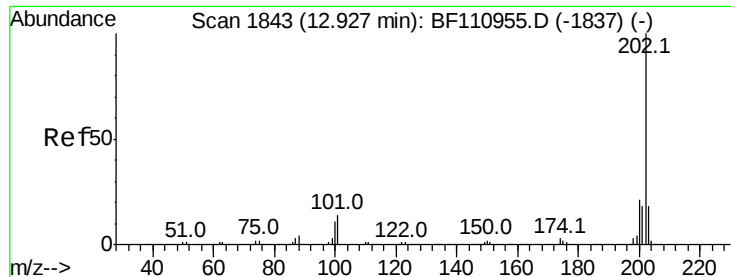
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF111093.D
 Acq: 29 Nov 2018 16:30

Tgt Ion:240 Resp: 133660
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.3 12.5
 236 24.2 21.2 31.8



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

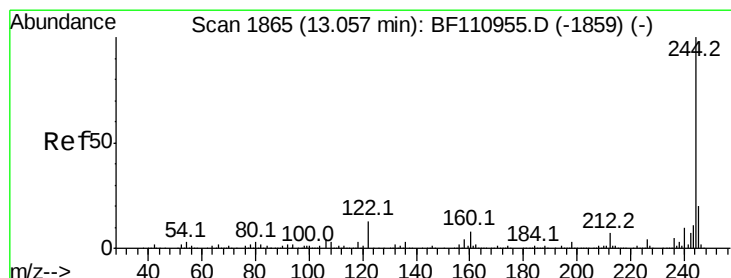
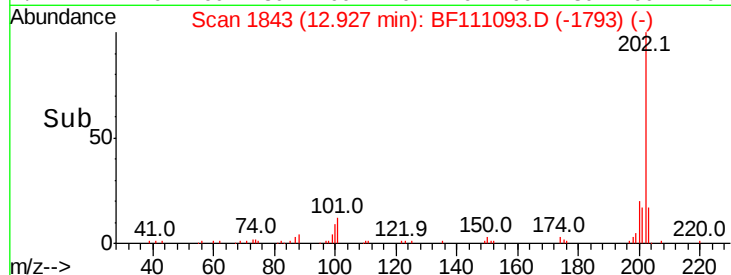
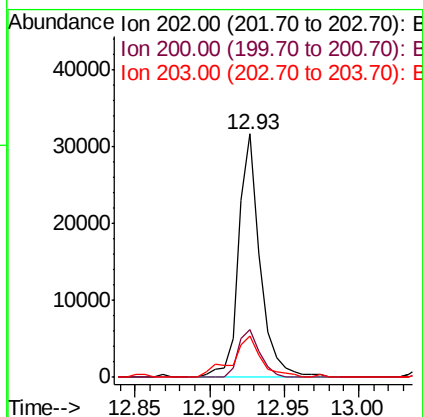
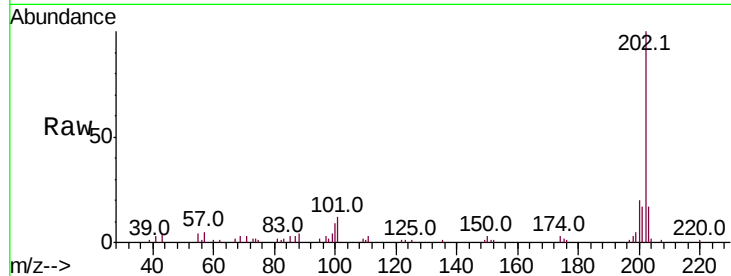




#78
Pvrene
Concen: 3.239 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111093.D
Acq: 29 Nov 2018 16:30

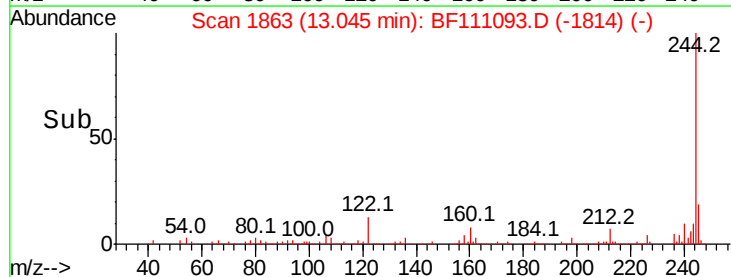
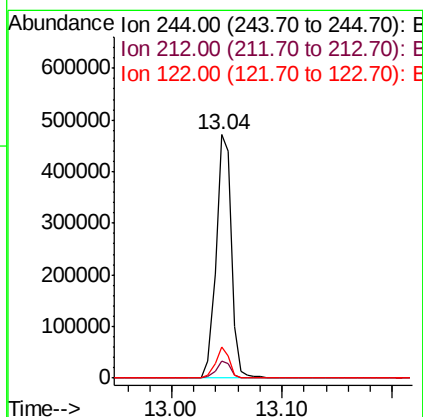
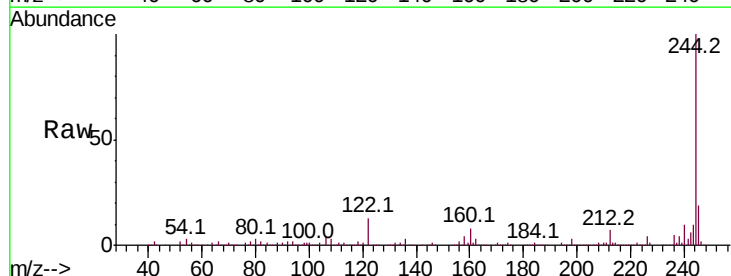
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

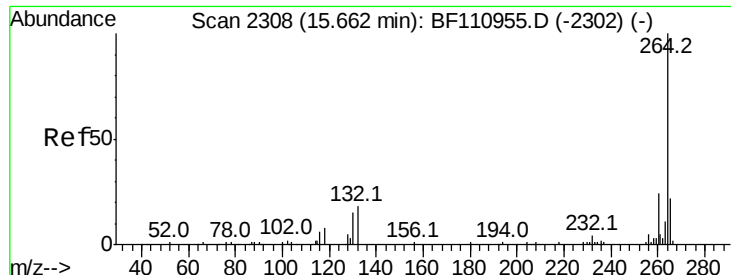
Tot Ion:202 Resp: 31624
Ion Ratio Lower Upper
202 100
200 19.8 17.8 26.6
203 16.8 14.2 21.4



#79
Terphenyl-d14
Concen: 65.694 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF111093.D
Acq: 29 Nov 2018 16:30

Tgt Ion:244 Resp: 451064
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.8 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF111093.D
Acq: 29 Nov 2018 16:30

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	20.8	16.7	25.1

