

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092948.D
 Acq On : 14 Feb 2017 17:09
 Operator : SJ/MA
 Sample : I1792-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-A

Quant Time: Feb 14 17:41:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

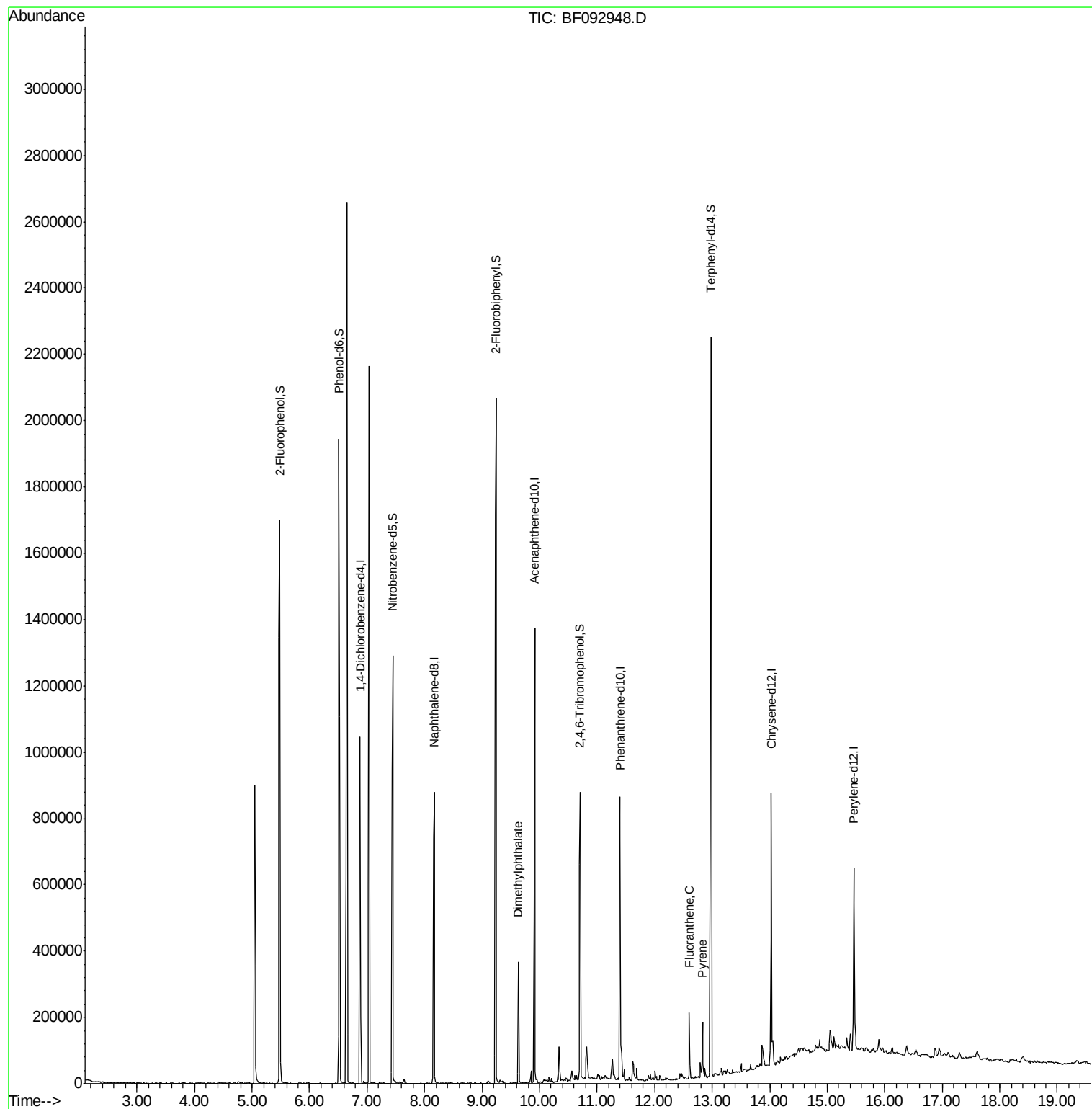
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	148268	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	567197	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	314843	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	464125	20.00	ng	0.00
75) Chrysene-d12	14.03	240	287108	20.00	ng	-0.02
86) Perylene-d12	15.46	264	276660	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	623376	72.13	ng	0.00
7) Phenol-d6	6.51	99	794754	71.47	ng	-0.02
23) Nitrobenzene-d5	7.45	82	539595	52.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	129756	56.98	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	937106	53.92	ng	0.00
78) Terphenyl-d14	12.98	244	687947	56.30	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	135940	6.41	ng	99
74) Fluoranthene	12.60	202	76606	2.79	ng	98
77) Pyrene	12.83	202	66714	3.10	ng	98

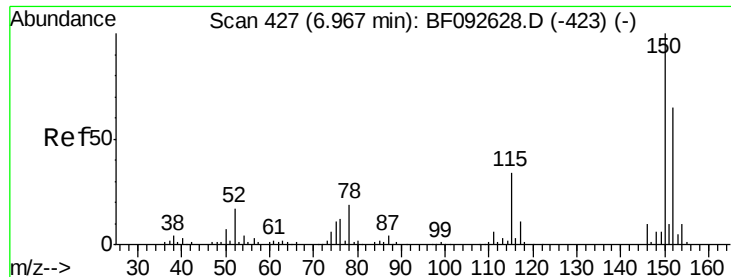
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092948.D

Acq: 14 Feb 2017 17:09

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-A

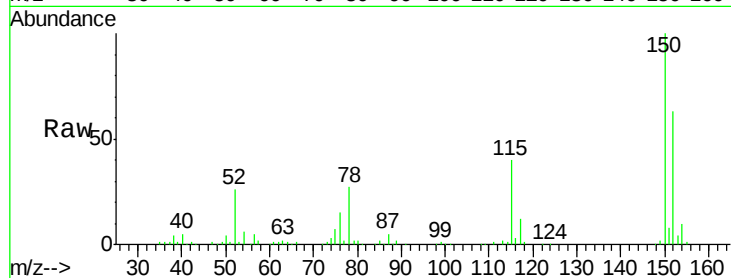
Tgt Ion:152 Resp: 148268

Ion Ratio Lower Upper

152 100

150 159.8 124.9 187.3

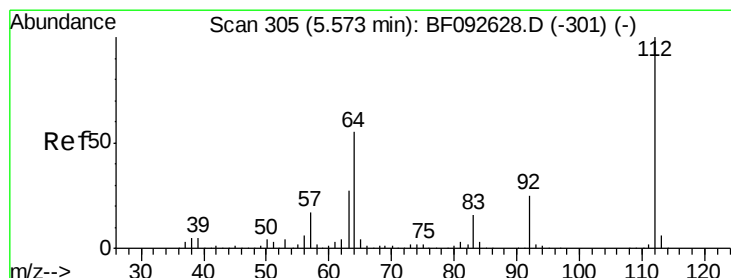
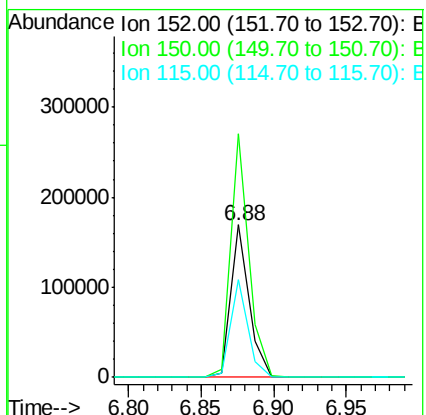
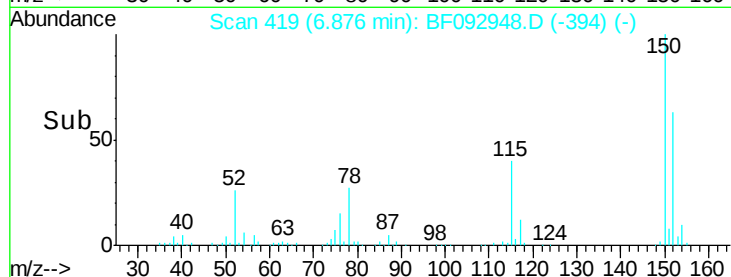
115 63.8 46.0 69.0



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: 72.13 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF092948.D

Acq: 14 Feb 2017 17:09

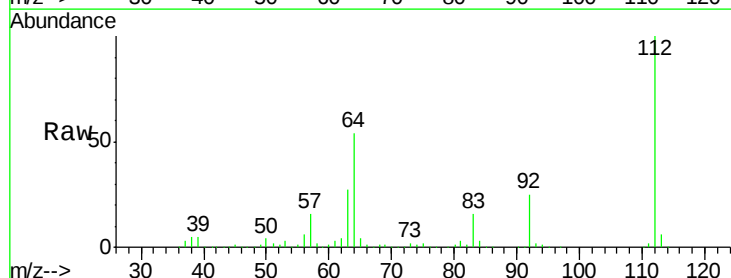
Tgt Ion:112 Resp: 623376

Ion Ratio Lower Upper

112 100

64 54.0 46.1 69.1

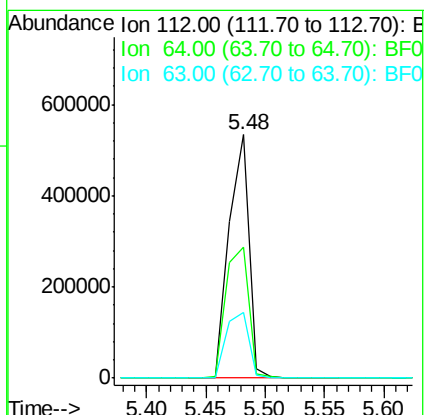
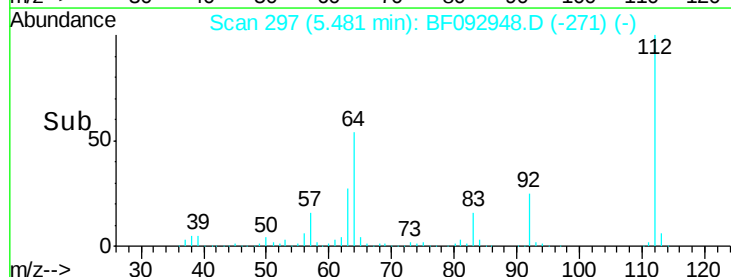
63 27.2 23.8 35.6

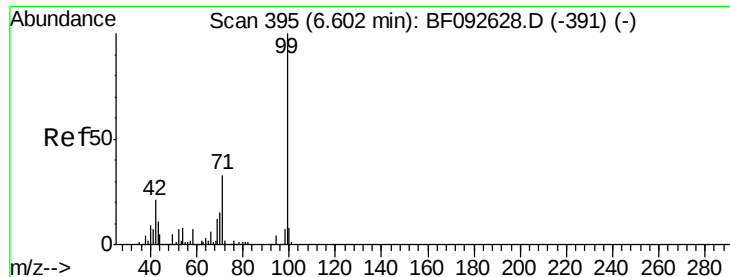


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 71.47 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092948.D

Acq: 14 Feb 2017 17:09

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-A

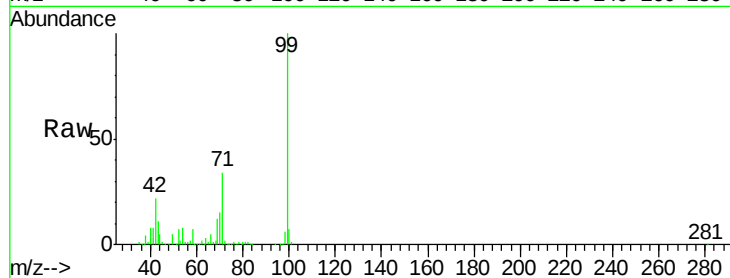
Tgt Ion: 99 Resp: 794754

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

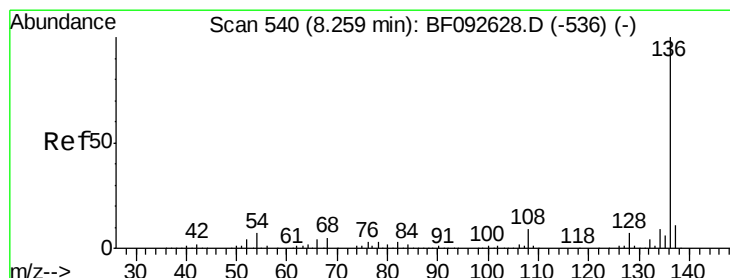
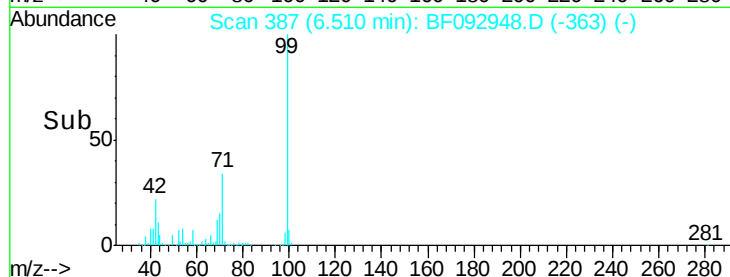
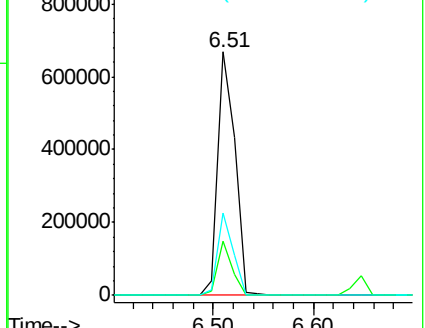
71 33.9 27.5 41.3



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: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF092948.D

Acq: 14 Feb 2017 17:09

Tgt Ion: 136 Resp: 567197

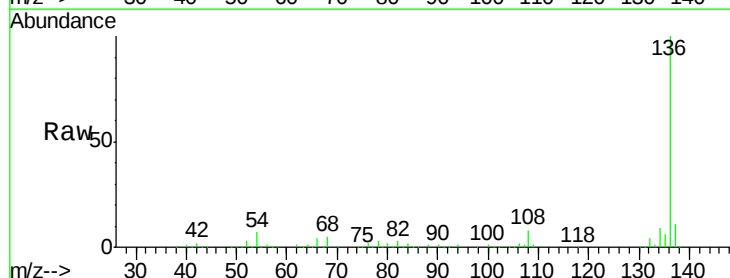
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 6.6 4.5 6.7

68 4.9 3.6 5.4

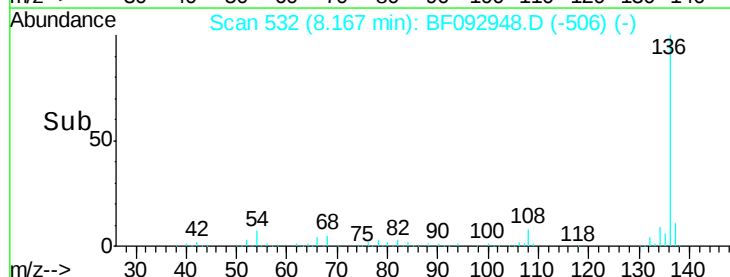
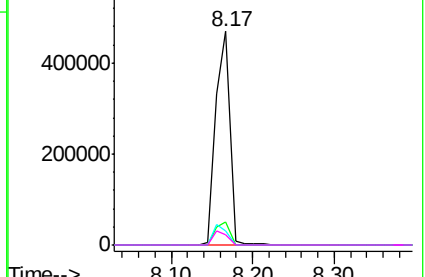


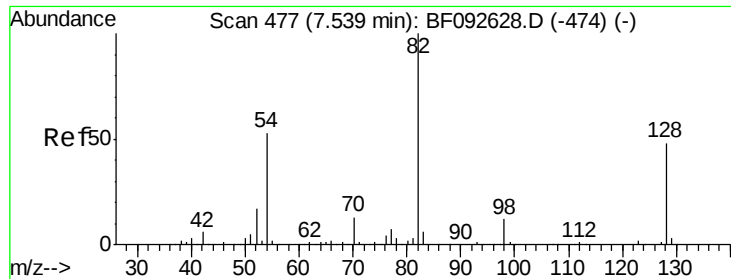
Abundance Ion 136.00 (135.70 to 136.70): E

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

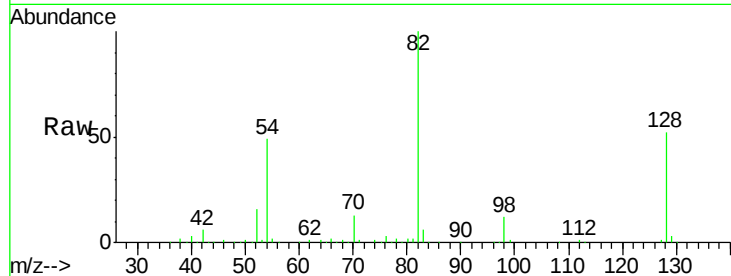




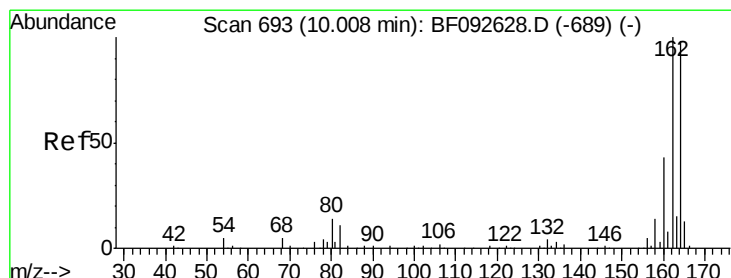
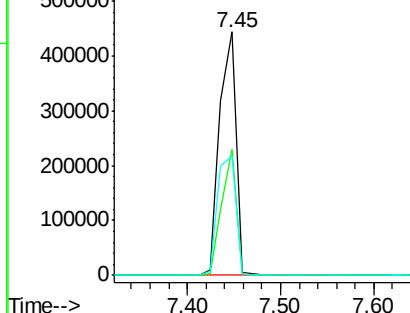
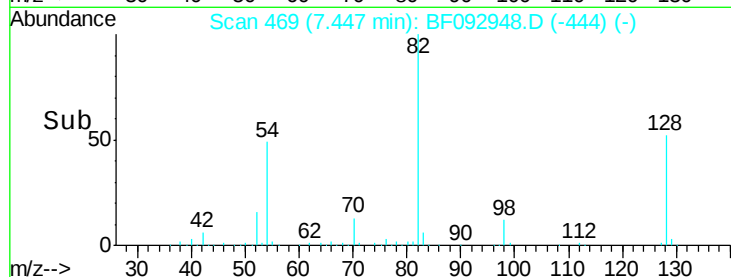
#23
 Nitrobenzene-d5
 Concen: 52.98 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092948.D
 Acq: 14 Feb 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-A

Tgt Ion: 82 Resp: 539595
 Ion Ratio Lower Upper
 82 100
 128 51.7 34.6 52.0
 54 49.2 39.5 59.3

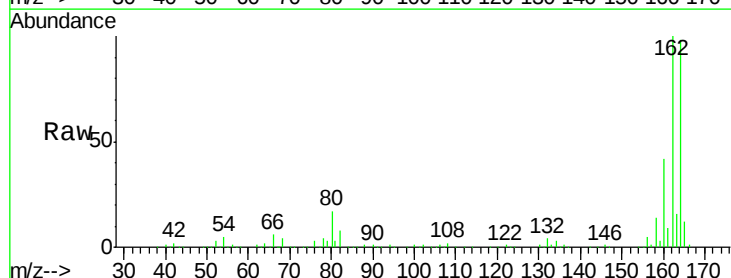


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

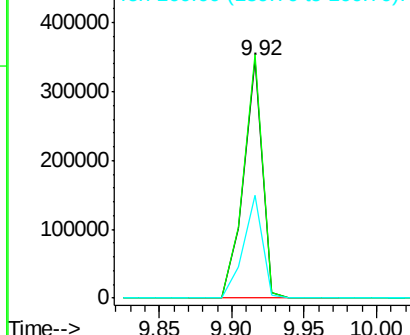
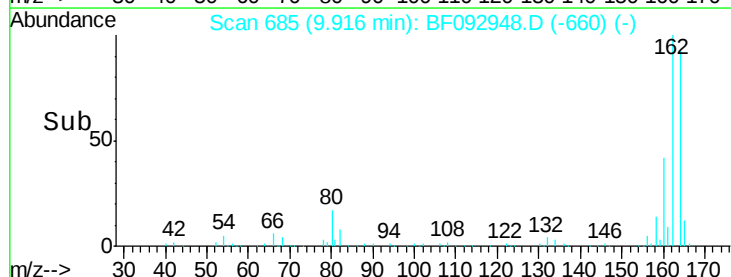


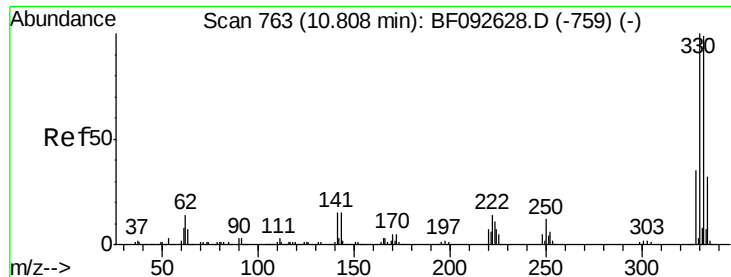
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092948.D
 Acq: 14 Feb 2017 17:09

Tgt Ion: 164 Resp: 314843
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 43.1 36.9 55.3



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

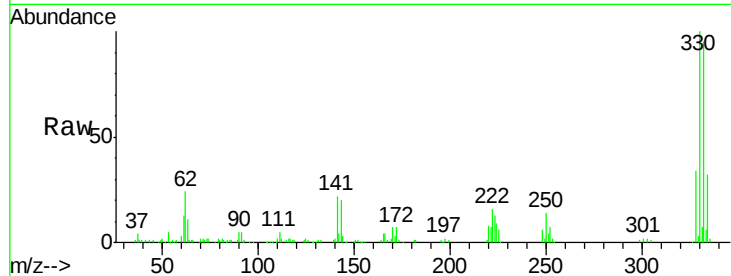




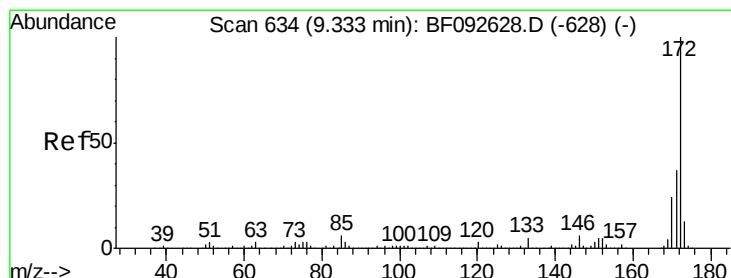
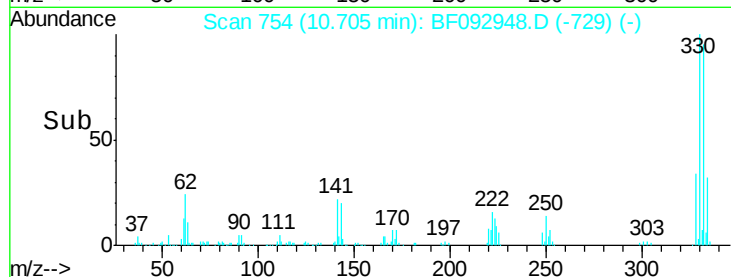
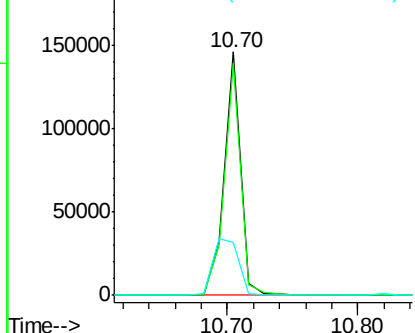
#41
 2,4,6-Tribromophenol
 Concen: 56.98 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092948.D
 Acq: 14 Feb 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.2
141	36.2	34.1	51.1

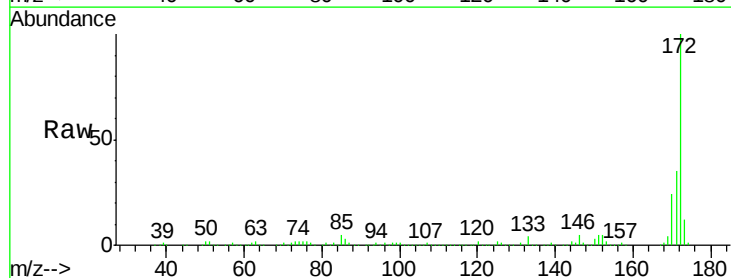


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

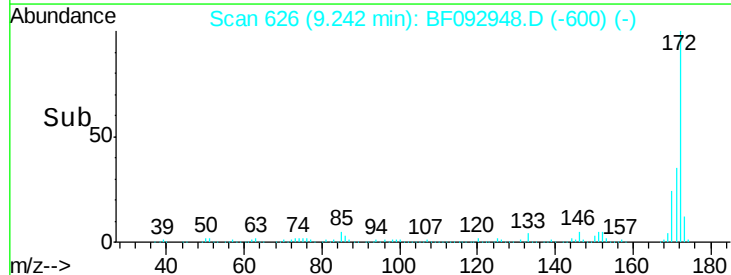
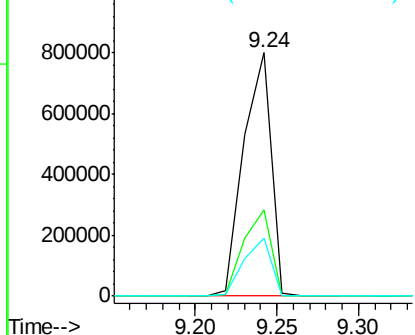


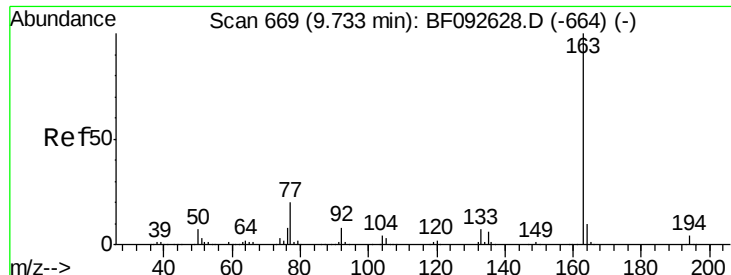
#44
 2-Fluorobiphenyl
 Concen: 53.92 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092948.D
 Acq: 14 Feb 2017 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.9	20.2	30.4



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





#49

Dimethylphthalate

Concen: 6.41 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF092948.D

Acq: 14 Feb 2017 17:09

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-A

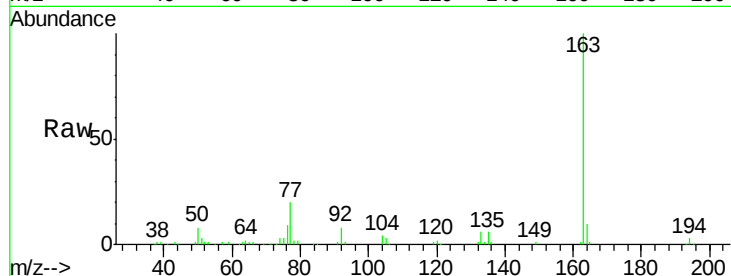
Tgt Ion:163 Resp: 135940

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

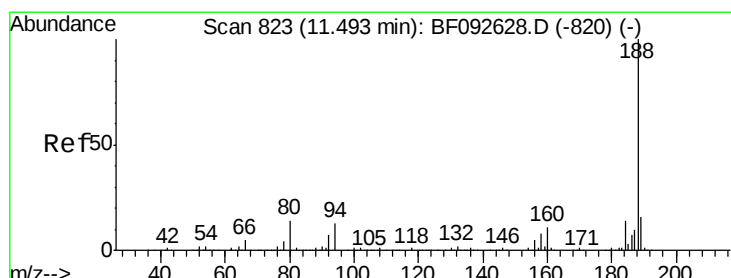
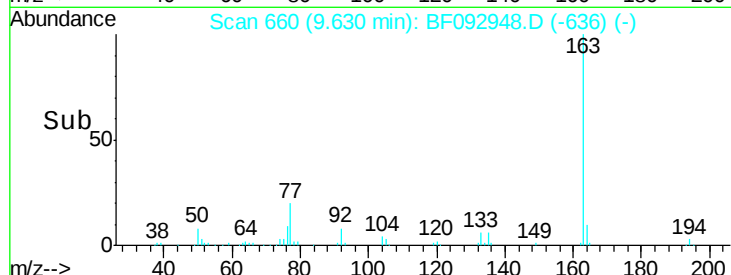
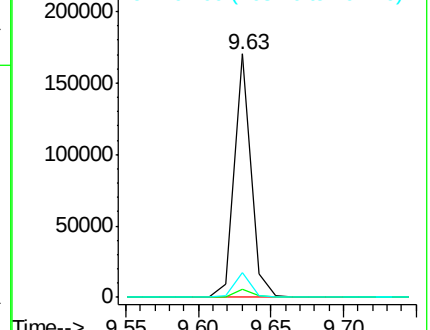
164 10.4 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF092948.D

Acq: 14 Feb 2017 17:09

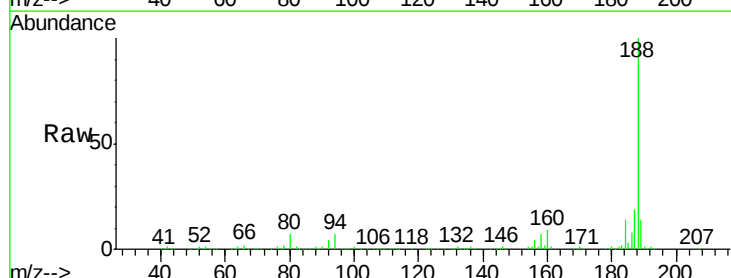
Tgt Ion:188 Resp: 464125

Ion Ratio Lower Upper

188 100

94 6.9 10.0 15.0#

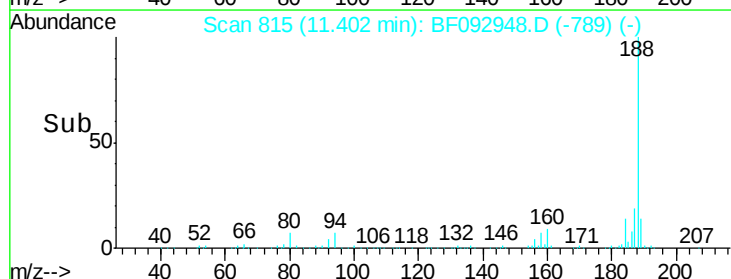
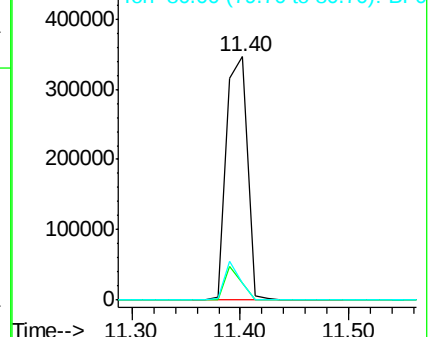
80 6.8 11.2 16.8#

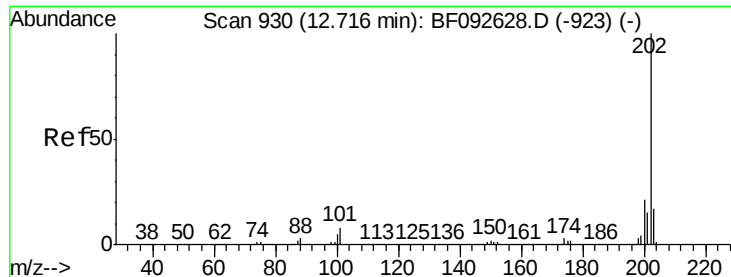


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.79 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092948.D

Acq: 14 Feb 2017 17:09

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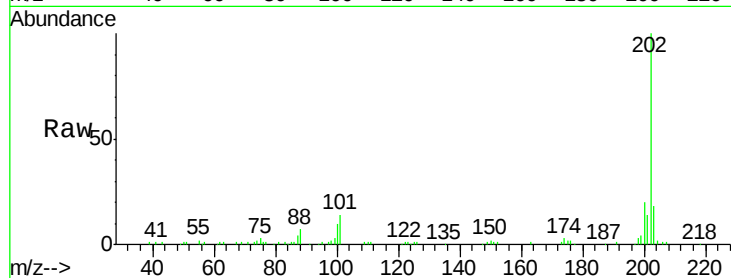
Tgt Ion:202 Resp: 76606

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.6

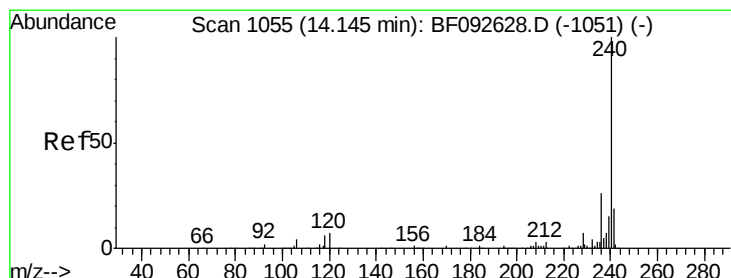
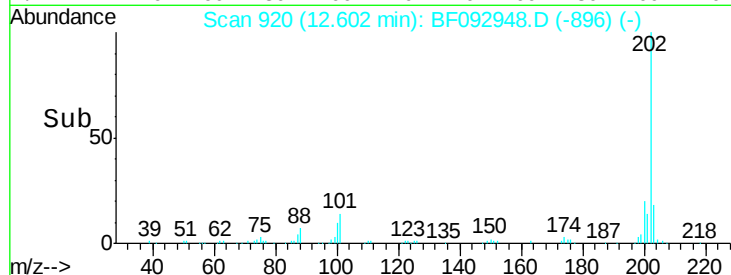
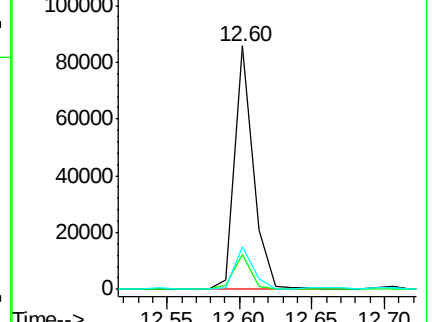
203 17.6 0.0 38.7



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092948.D

Acq: 14 Feb 2017 17:09

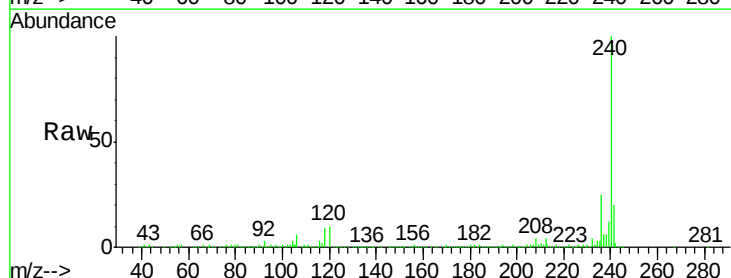
Tgt Ion:240 Resp: 287108

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

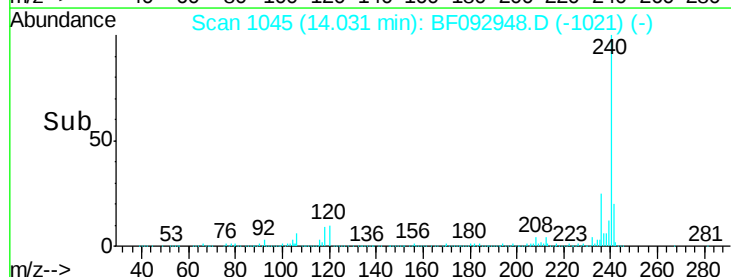
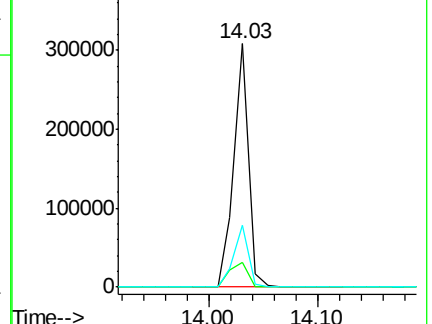
236 25.3 20.9 31.3

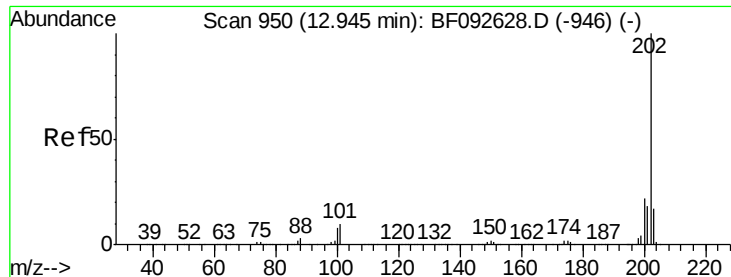


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

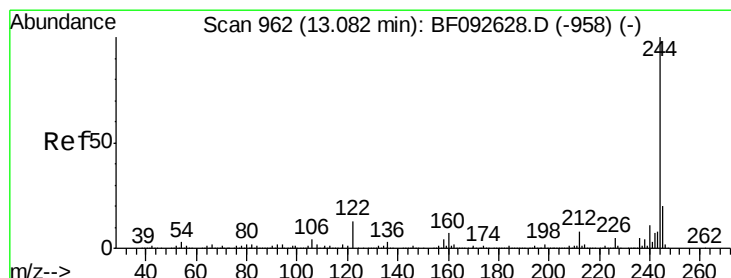
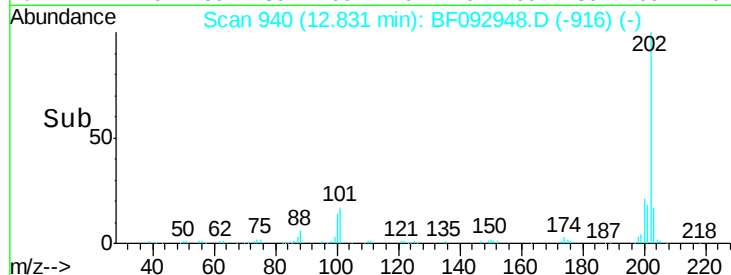
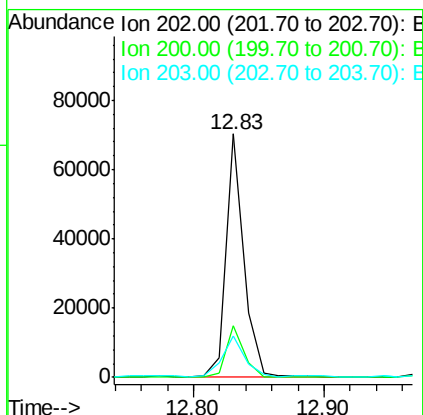
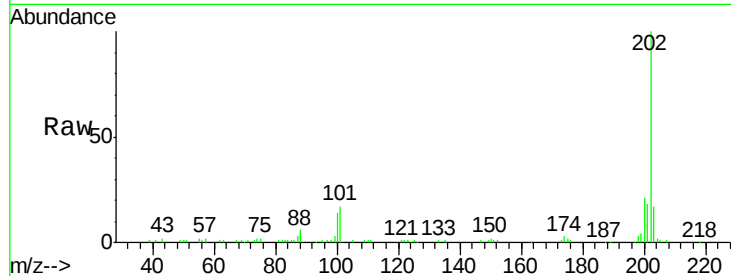




#77
 Pyrene
 Concen: 3.10 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF092948.D
 Acq: 14 Feb 2017 17:09

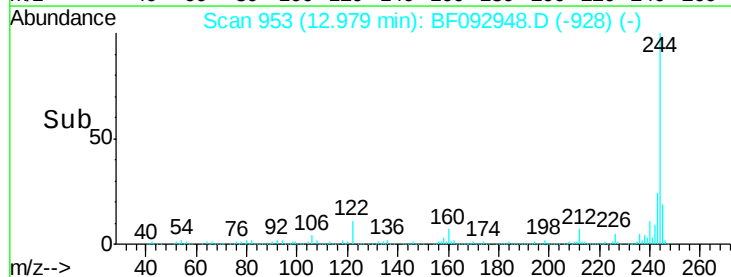
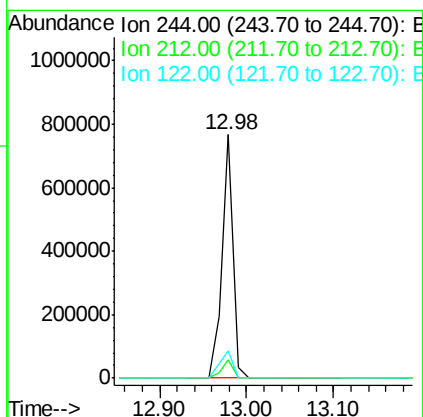
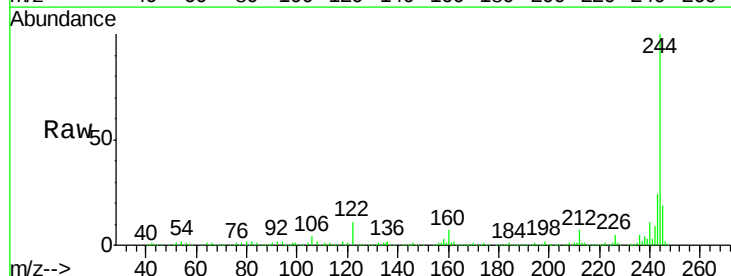
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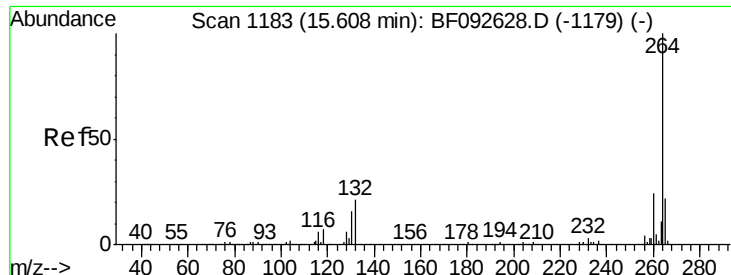
Tgt Ion: 202 Resp: 66714
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.7 26.5
 203 17.2 14.7 22.1



#78
 Terphenyl-d14
 Concen: 56.30 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092948.D
 Acq: 14 Feb 2017 17:09

Tgt Ion: 244 Resp: 687947
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 11.3 11.4 17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092948.D
Acq: 14 Feb 2017 17:09

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.4	26.0

