

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096017.D
 Acq On : 19 Jun 2017 21:07
 Operator : SJ/MA
 Sample : I3745-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-006-A

Quant Time: Jun 20 03:09:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

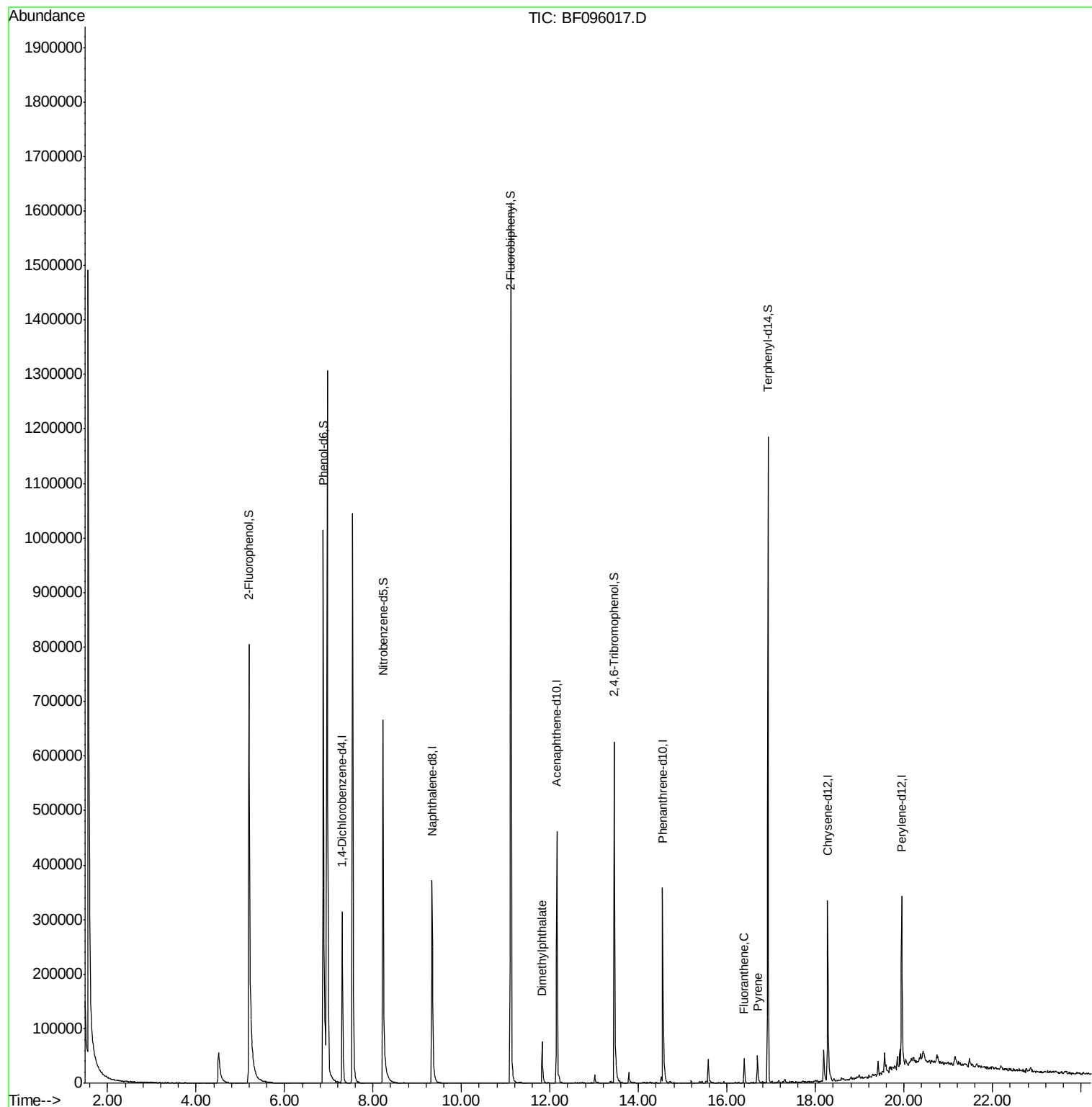
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	82115	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	336050	20.00	ng	-0.02
38) Acenaphthene-d10	12.15	164	142555	20.00	ng	-0.03
63) Phenanthrene-d10	14.54	188	226565	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	150064	20.00	ng	-0.02
86) Perylene-d12	19.94	264	145737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	573720	111.33	ng	-0.02
7) Phenol-d6	6.87	99	679697	110.17	ng	-0.04
23) Nitrobenzene-d5	8.23	82	398902	73.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.45	330	120361	95.43	ng	-0.03
44) 2-Fluorobiphenyl	11.12	172	753113	73.52	ng	-0.02
78) Terphenyl-d14	16.93	244	453571	75.01	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	11.82	163	64039	5.92	ng	98
74) Fluoranthene	16.39	202	30440	2.35	ng	96
77) Pyrene	16.69	202	28095	2.51	ng	# 92

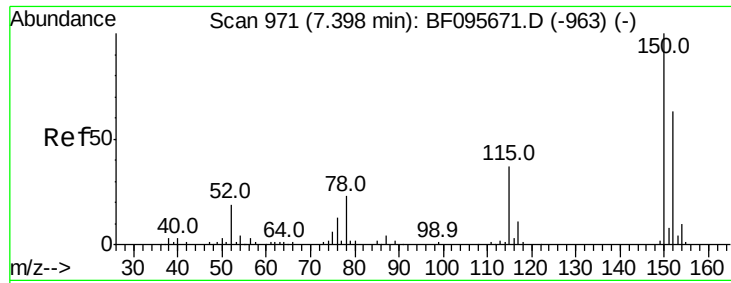
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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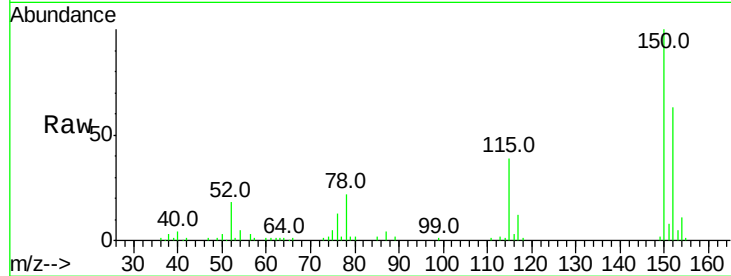


#1

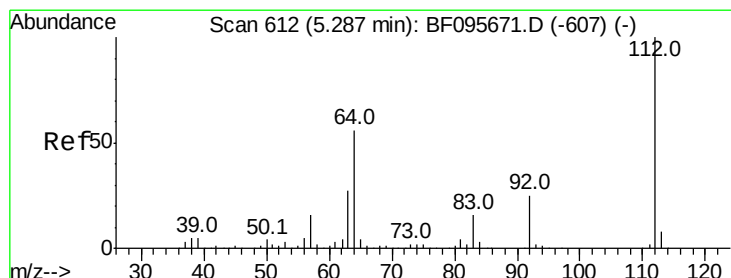
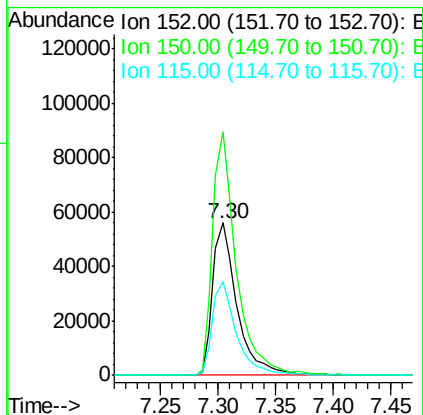
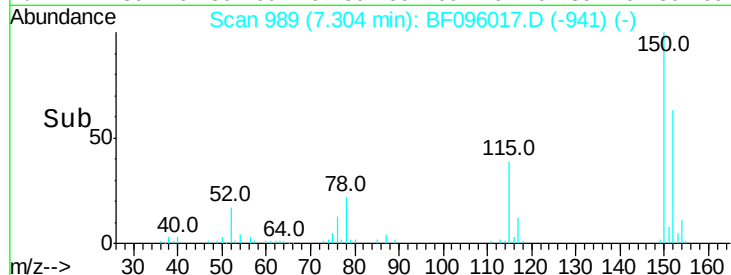
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096017.D
Acq: 19 Jun 2017 21:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-006-A

Tot Ion:152 Resp: 82115
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 61.5 52.2 78.2



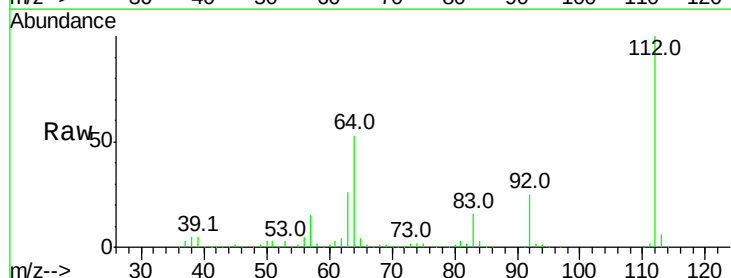
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



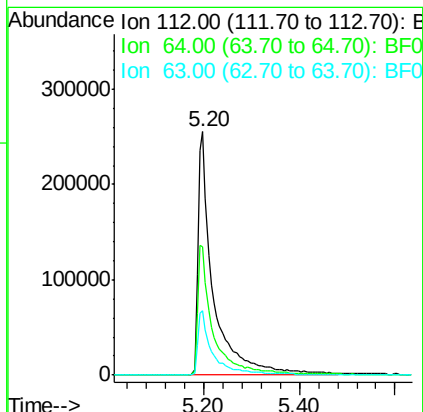
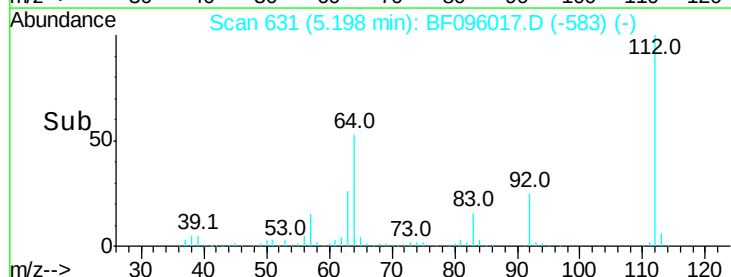
#5

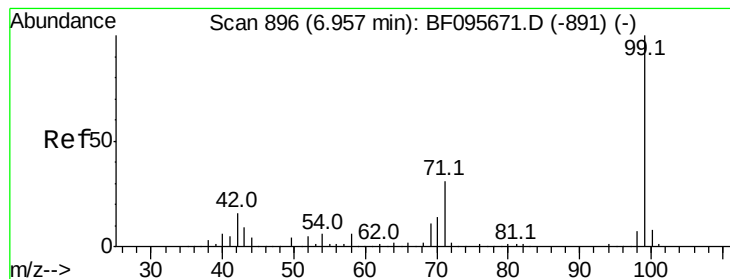
2-Fluorophenol
Concen: 111.33 ng
RT: 5.20 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF096017.D
Acq: 19 Jun 2017 21:07

Tgt Ion:112 Resp: 573720
Ion Ratio Lower Upper
112 100
64 52.9 46.0 69.0
63 26.3 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: 110.17 ng

RT: 6.87 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF096017.D

Acq: 19 Jun 2017 21:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-006-A

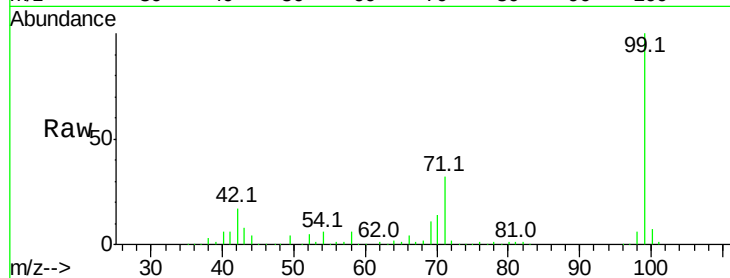
Tot Ion: 99 Resp: 679697

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

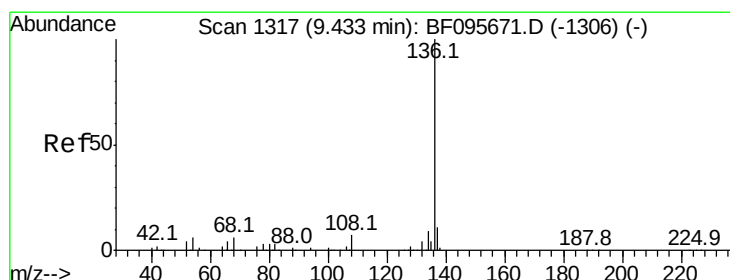
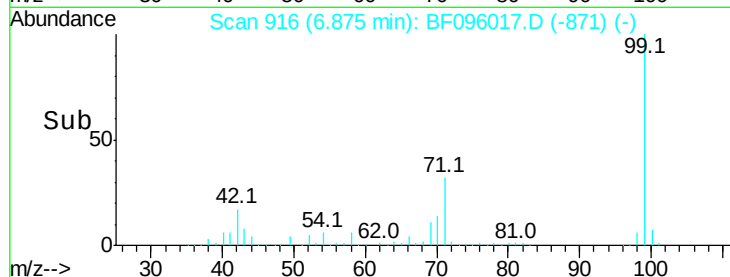
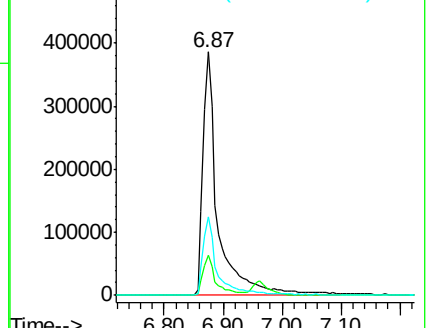
71 32.2 24.5 36.7



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: 20.00 ng

RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096017.D

Acq: 19 Jun 2017 21:07

Tgt Ion: 136 Resp: 336050

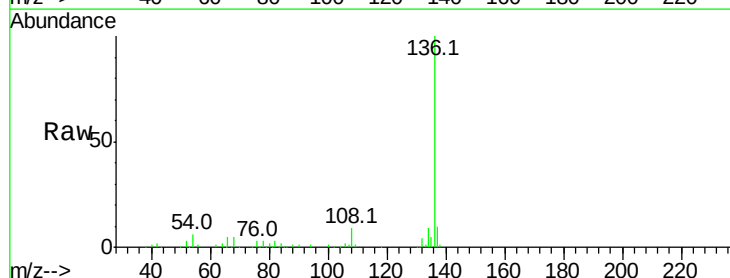
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.2 4.9 7.3

68 4.9 4.1 6.1

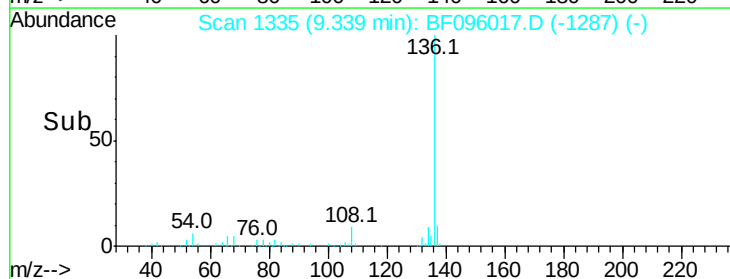
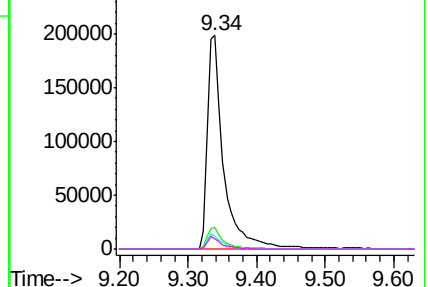


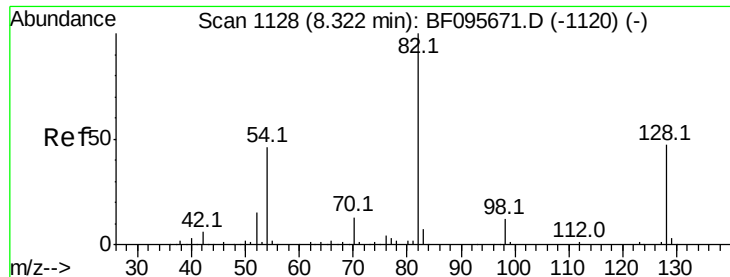
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.72 ng

RT: 8.23 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF096017.D

Acq: 19 Jun 2017 21:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-006-A

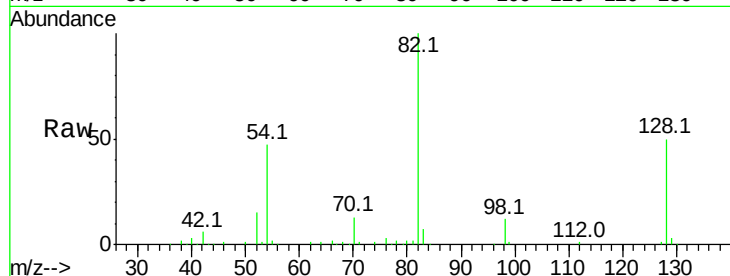
Tot Ion: 82 Resp: 398902

Ion Ratio Lower Upper

82 100

128 49.6 34.0 51.0

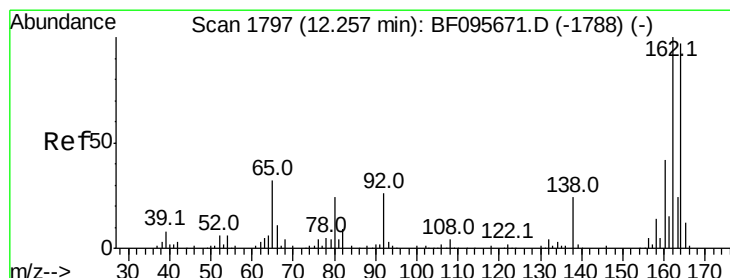
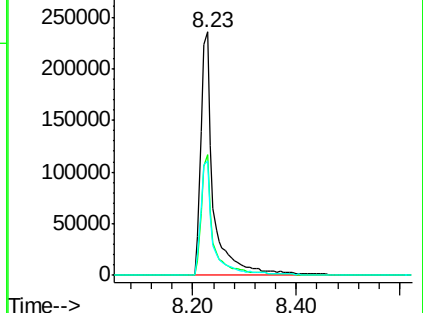
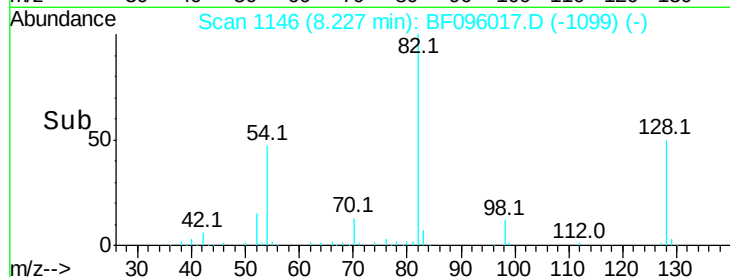
54 46.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.15 min Scan# 1813

Delta R.T. -0.03 min

Lab File: BF096017.D

Acq: 19 Jun 2017 21:07

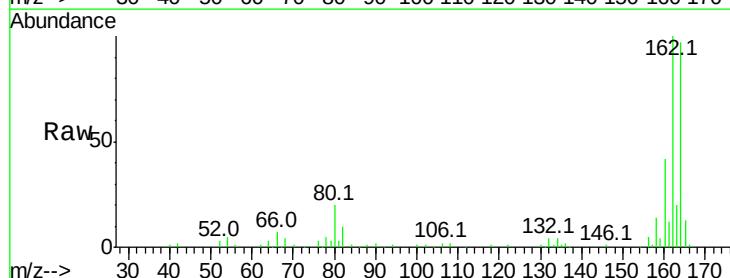
Tgt Ion: 164 Resp: 142555

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

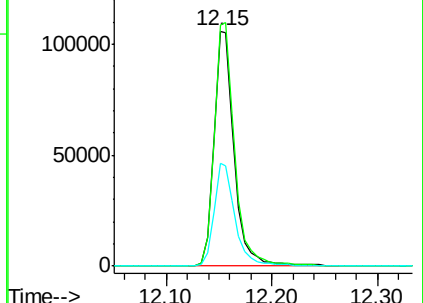
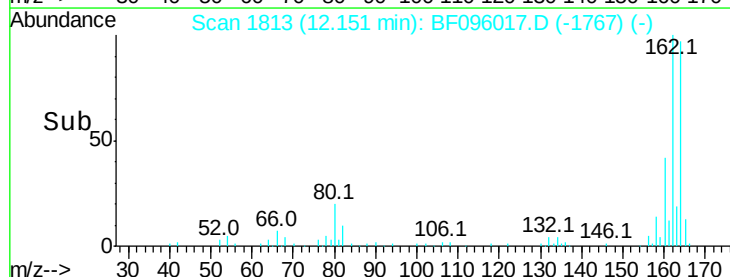
160 43.6 36.2 54.2

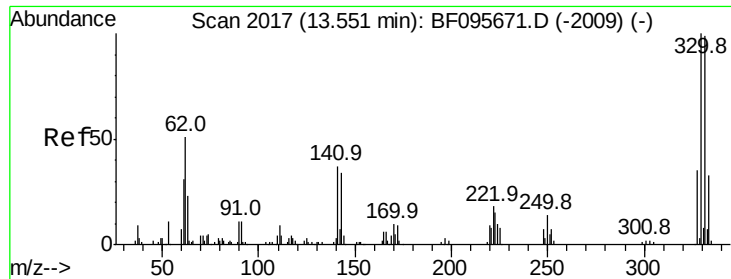


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

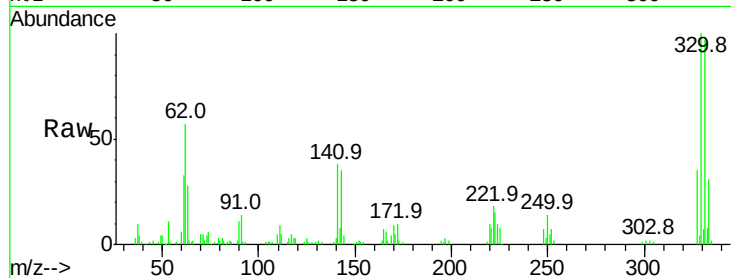




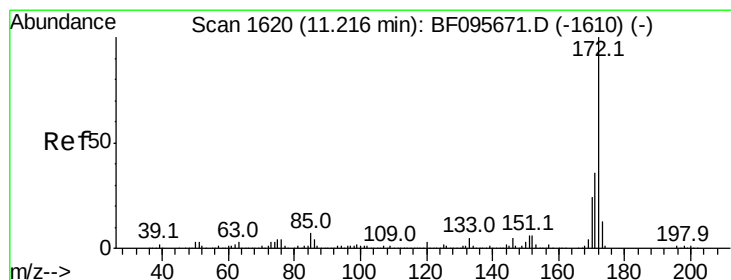
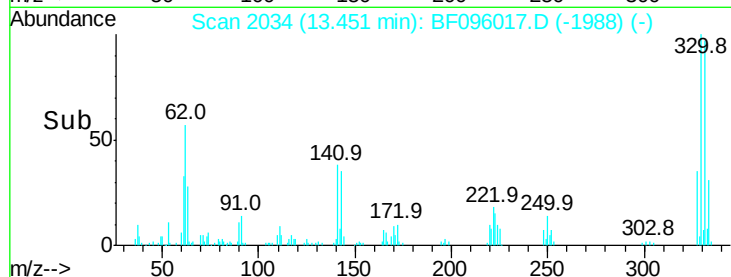
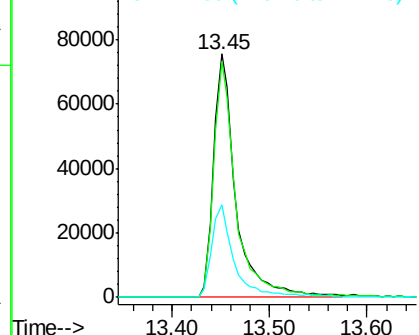
#41
 2,4,6-Tribromophenol
 Concen: 95.43 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BF096017.D
 Acq: 19 Jun 2017 21:07

Instrument :
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 ClientSampleId :
 FK-GF-02-006-A

Tot Ion:330 Resp: 120361
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 38.4 31.4 47.2

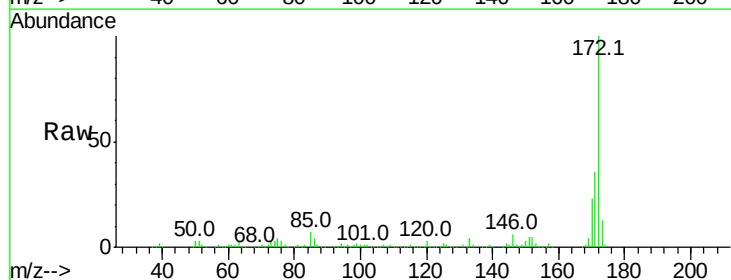


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

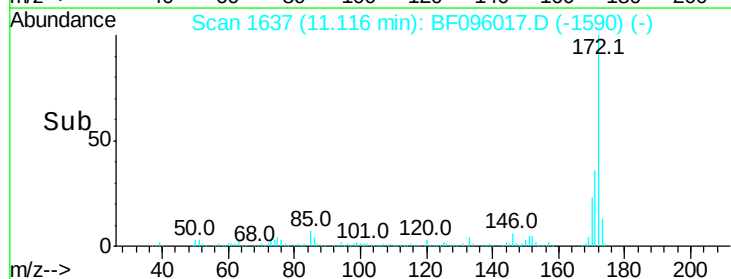
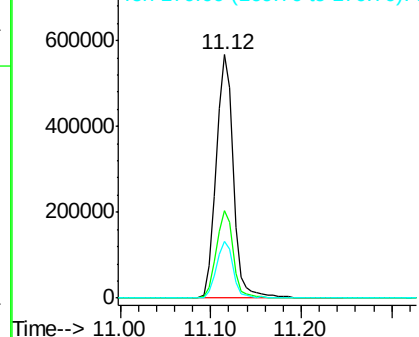


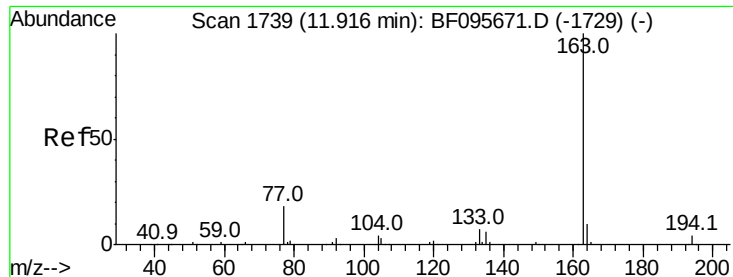
#44
 2-Fluorobiphenyl
 Concen: 73.52 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096017.D
 Acq: 19 Jun 2017 21:07

Tgt Ion:172 Resp: 753113
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.2 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





#49

Dimethylphthalate

Concen: 5.92 ng

RT: 11.82 min Scan# 1757

Delta R.T. -0.03 min

Lab File: BF096017.D

Acq: 19 Jun 2017 21:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-006-A

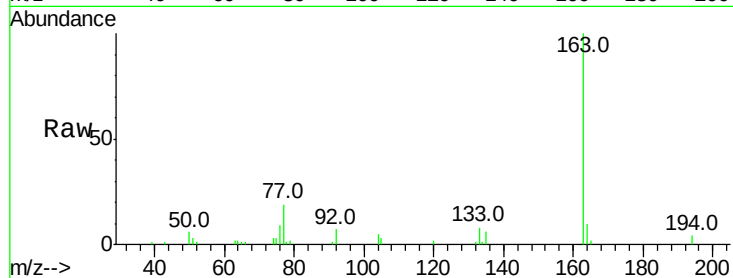
Tot Ion:163 Resp: 64039

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

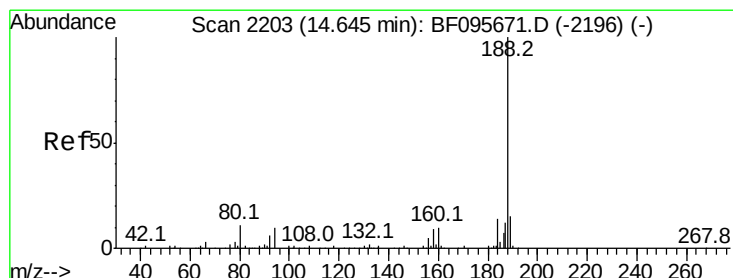
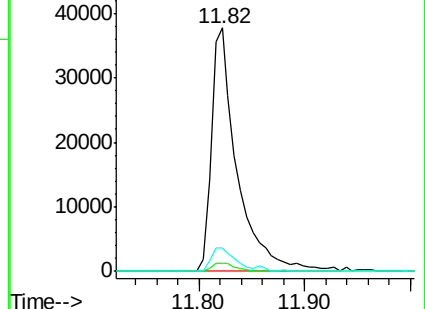
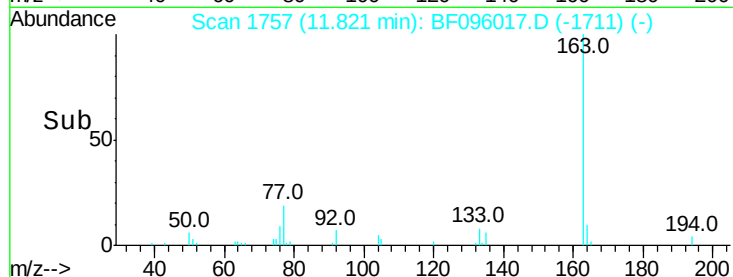
164 9.6 8.4 12.6



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: 14.54 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BF096017.D

Acq: 19 Jun 2017 21:07

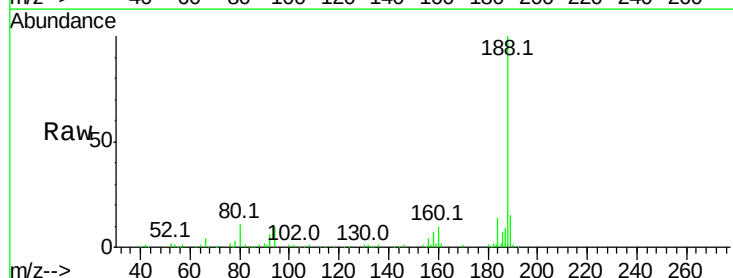
Tgt Ion:188 Resp: 226565

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

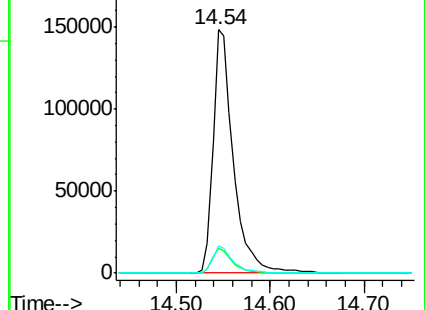
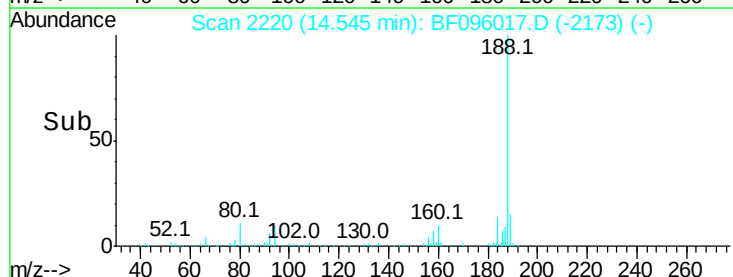
80 11.0 10.2 15.2

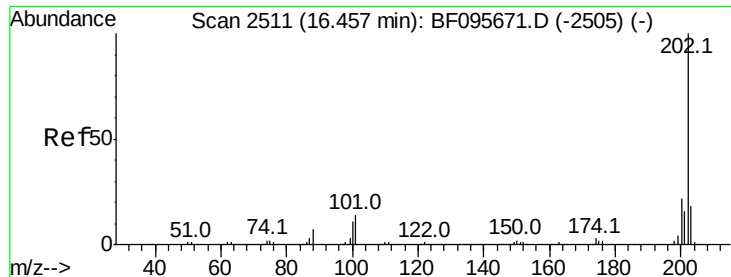


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

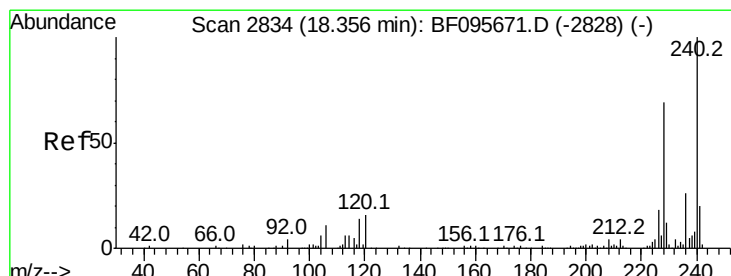
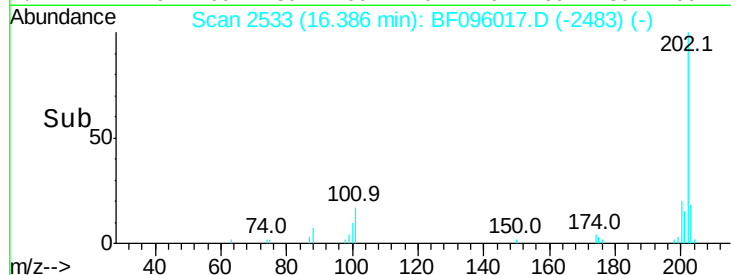
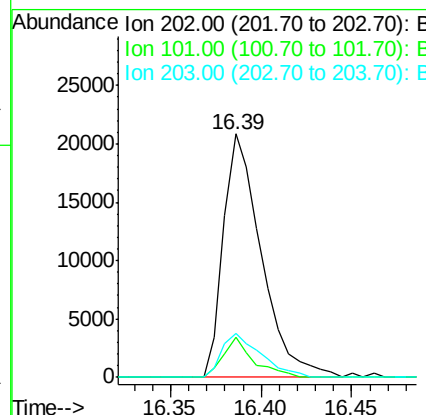
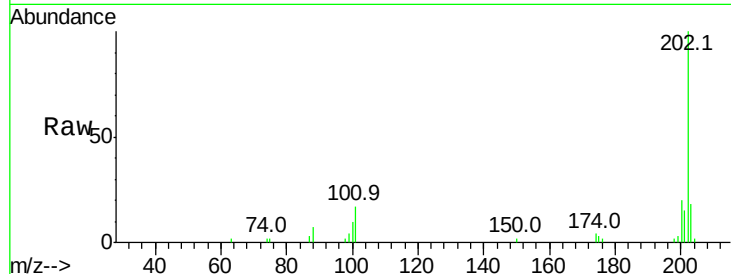




#74
 Fluoranthene
 Concen: 2.35 ng
 RT: 16.39 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF096017.D
 Acq: 19 Jun 2017 21:07

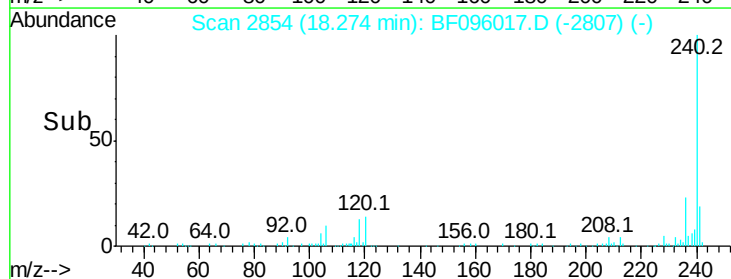
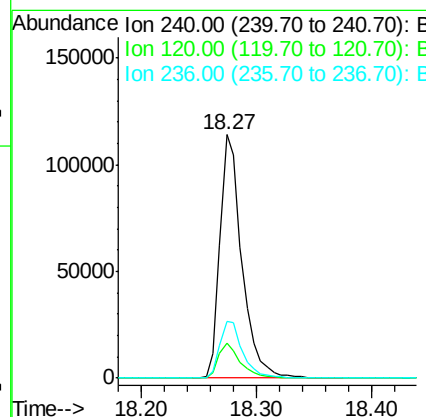
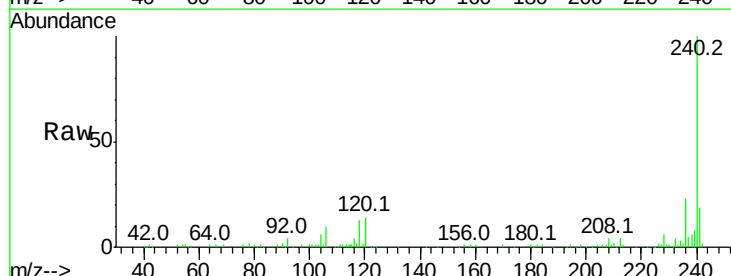
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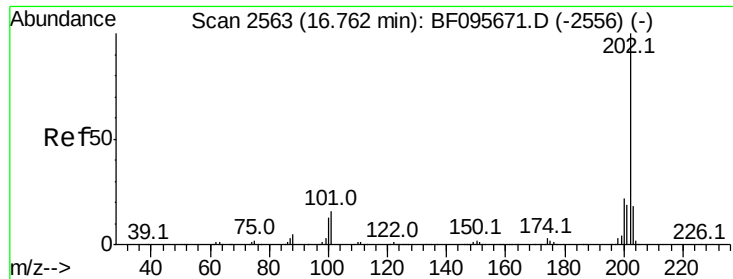
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.7	0.0	33.2
203	18.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF096017.D
 Acq: 19 Jun 2017 21:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	23.2	20.5	30.7

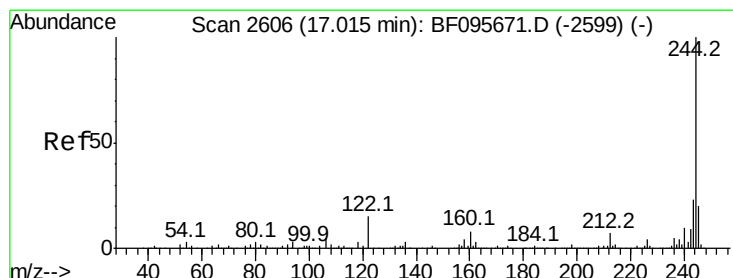
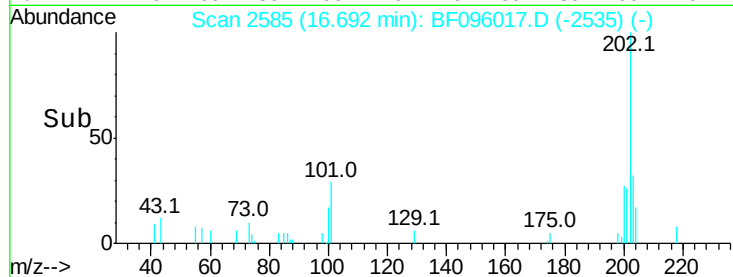
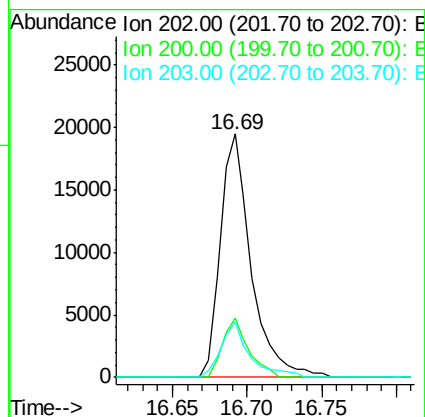
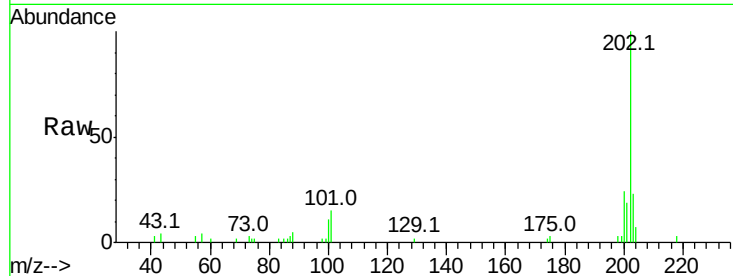




#77
Pvrene
Concen: 2.51 ng
RT: 16.69 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF096017.D
Acq: 19 Jun 2017 21:07

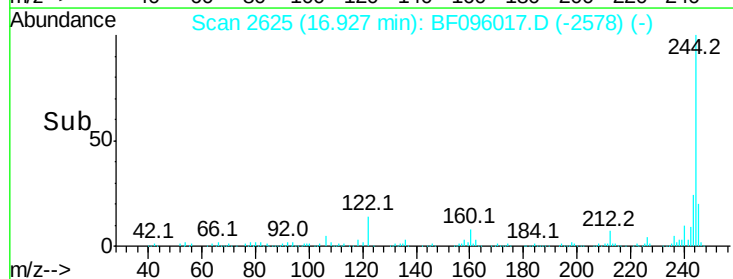
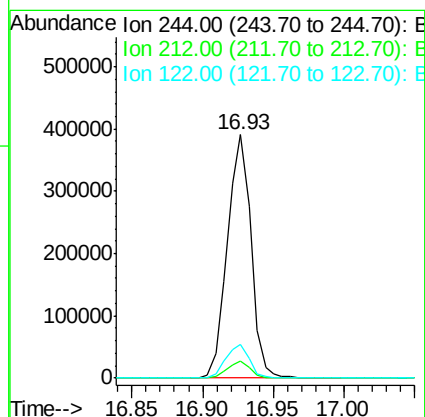
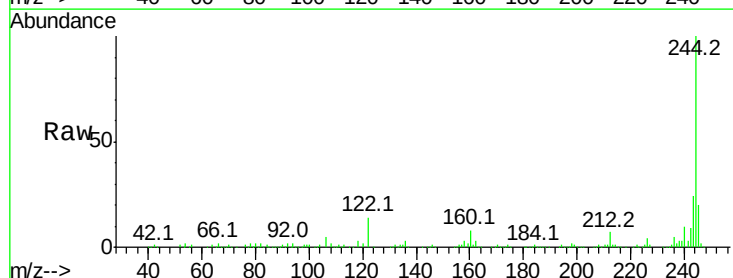
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-006-A

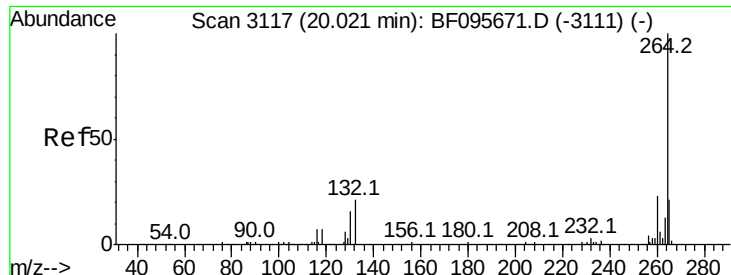
Tot Ion	Ratio	Lower	Upper
202	100		
200	24.3	17.6	26.4
203	22.9	14.4	21.6



#78
Terphenyl-d14
Concen: 75.01 ng
RT: 16.93 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF096017.D
Acq: 19 Jun 2017 21:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.0	10.3	15.5

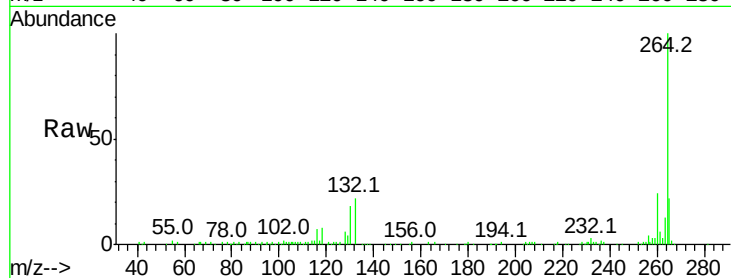




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BF096017.D
Acq: 19 Jun 2017 21:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-006-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.0	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

