

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093805.D
 Acq On : 21 Mar 2017 18:27
 Operator : SJ/MA
 Sample : I2331-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-002-B

Quant Time: Mar 22 02:27:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

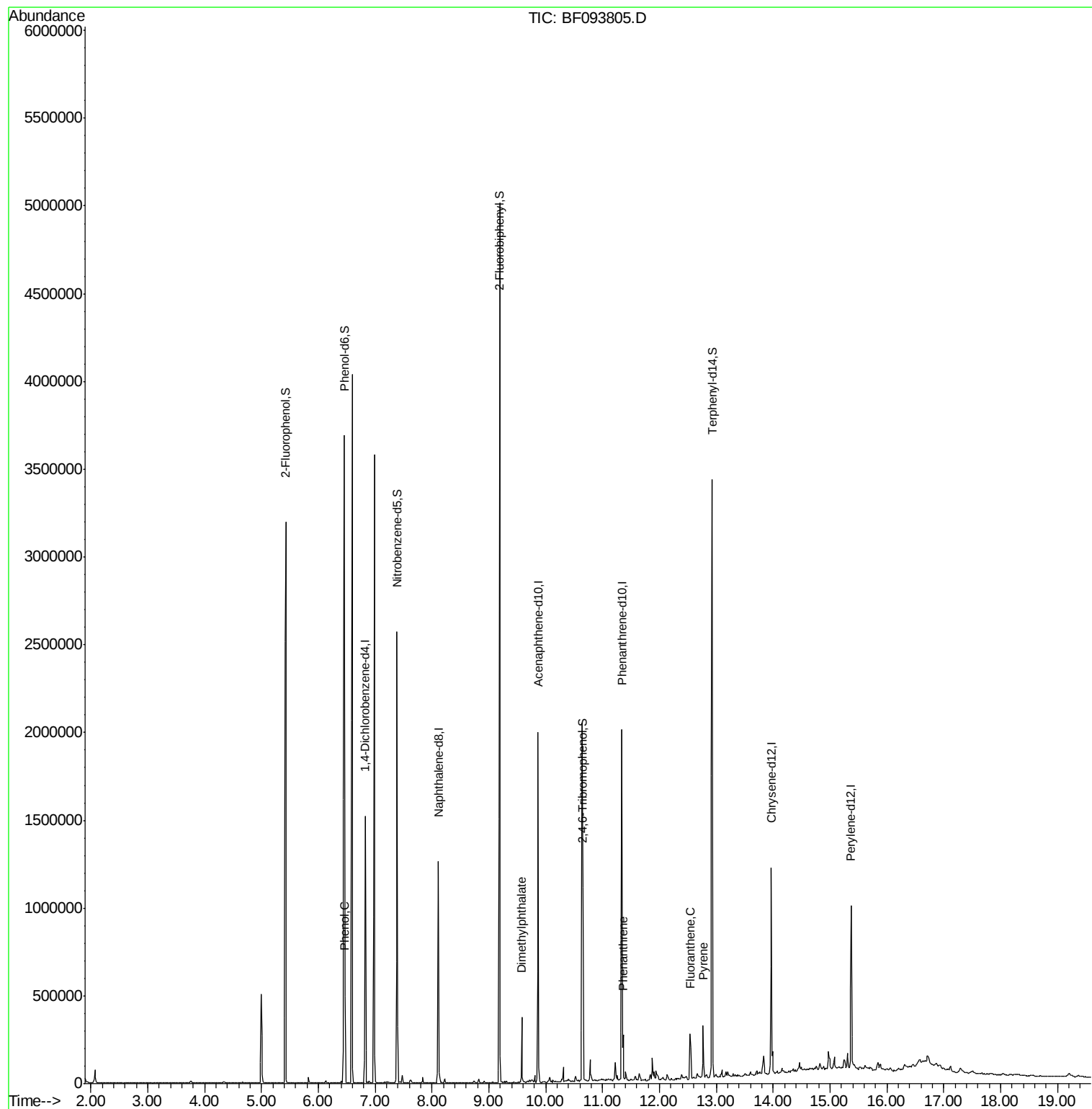
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	209659	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	868225	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	410020	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	653734	20.00	ng	0.00
75) Chrysene-d12	13.97	240	416111	20.00	ng	0.00
86) Perylene-d12	15.37	264	383488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1271703	106.07	ng	0.01
7) Phenol-d6	6.46	99	1401486	94.60	ng	0.00
23) Nitrobenzene-d5	7.38	82	850394	55.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	302122	95.13	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1558144	63.90	ng	0.00
78) Terphenyl-d14	12.93	244	1148555	56.28	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	89331	5.36	ng	89
49) Dimethylphthalate	9.58	163	136293	4.67	ng	100
70) Phenanthrene	11.36	178	86475	2.48	ng	98
74) Fluoranthene	12.54	202	129371	3.62	ng	93
77) Pyrene	12.77	202	116420	3.36	ng	98

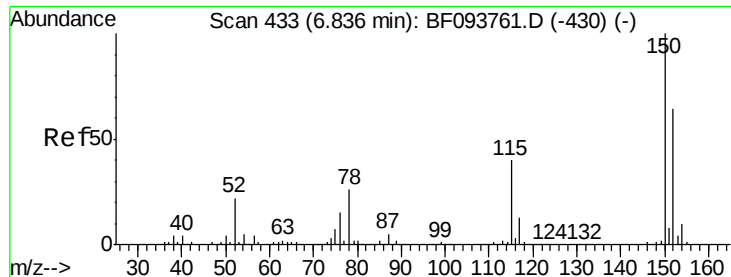
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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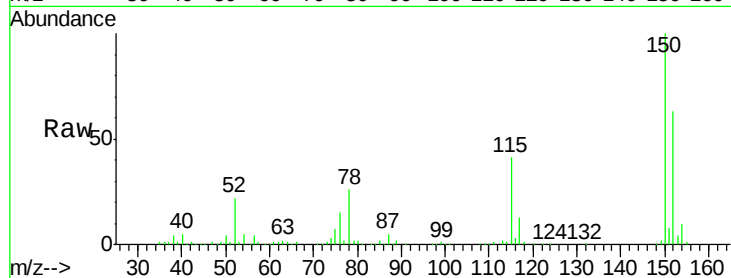


#1

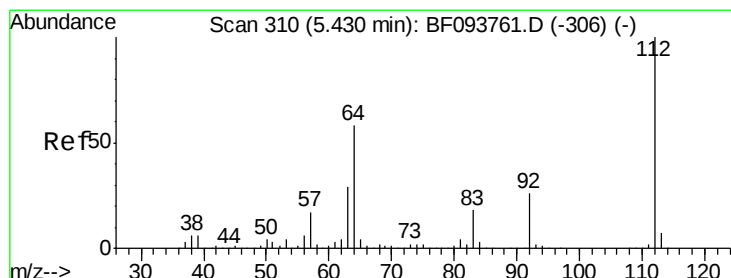
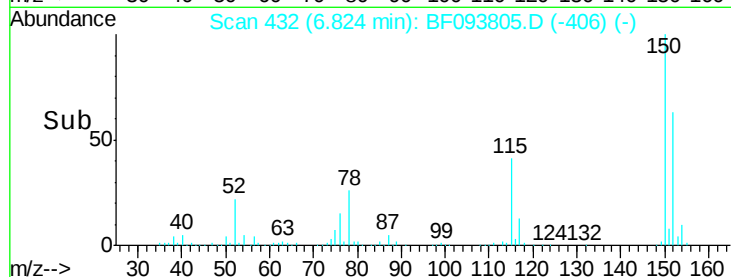
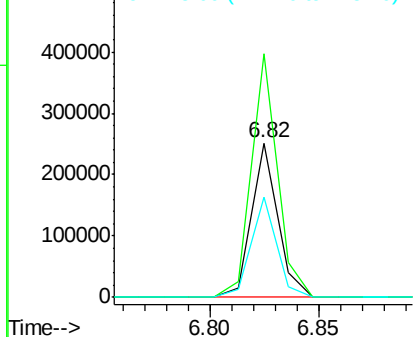
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093805.D
Acq: 21 Mar 2017 18:27

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-002-B

Tgt Ion:152 Resp: 209659
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 64.6 52.2 78.2



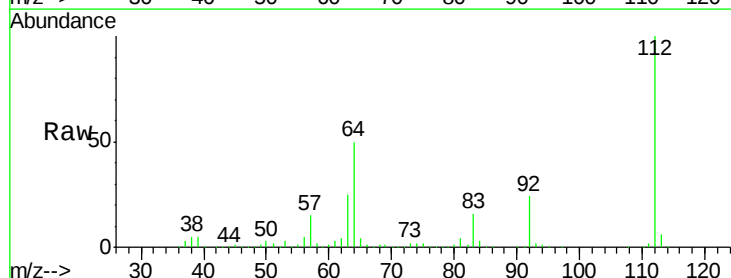
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



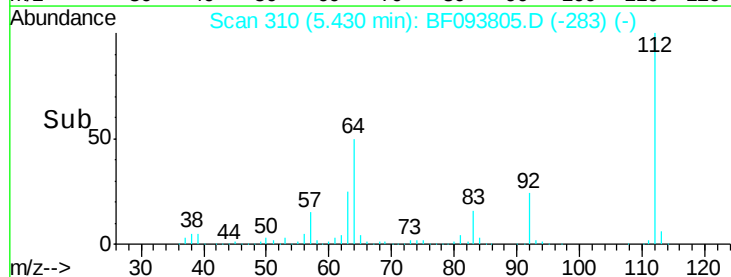
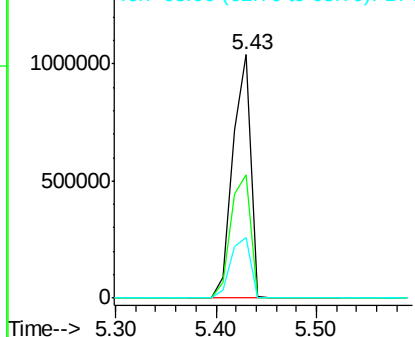
#5

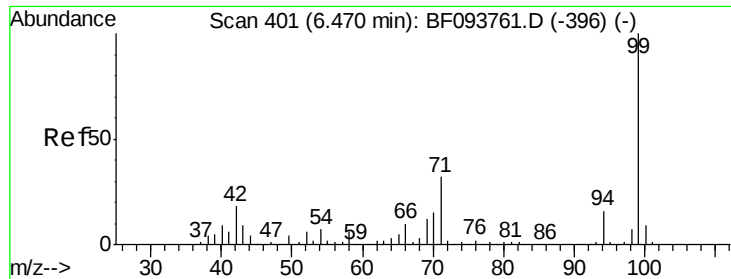
2-Fluorophenol
Concen: 106.07 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093805.D
Acq: 21 Mar 2017 18:27

Tgt Ion:112 Resp: 1271703
Ion Ratio Lower Upper
112 100
64 50.5 46.0 69.0
63 25.1 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: 94.60 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093805.D

Acq: 21 Mar 2017 18:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-B

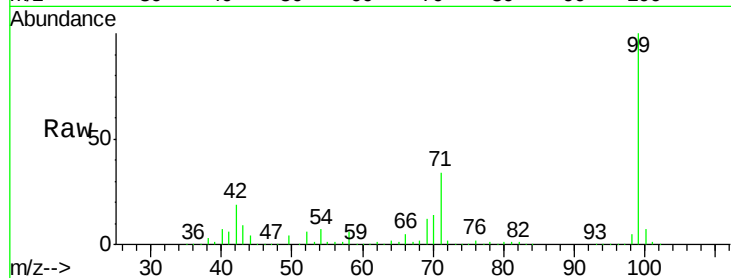
Tgt Ion: 99 Resp: 1401486

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

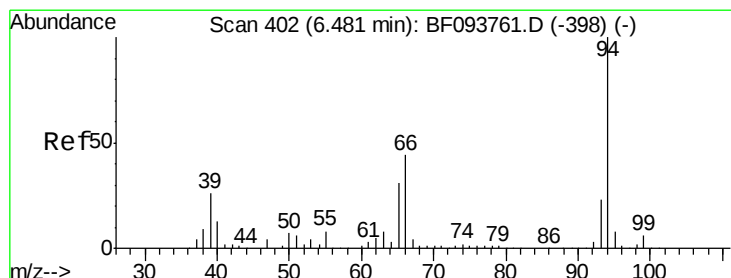
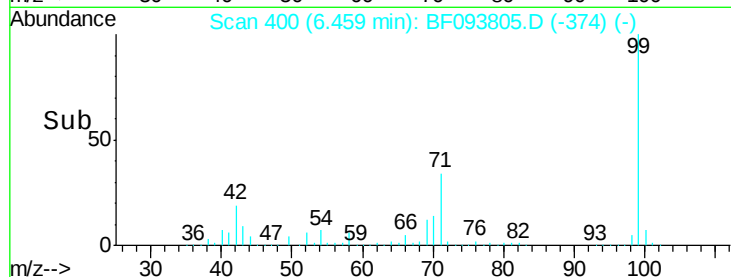
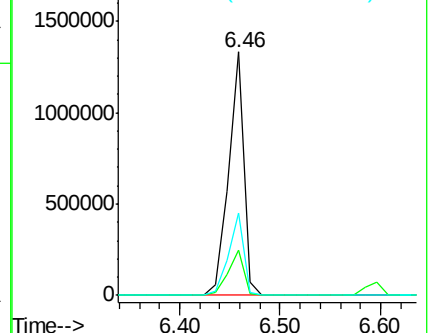
71 33.8 24.5 36.7



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



#10

Phenol

Concen: 5.36 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093805.D

Acq: 21 Mar 2017 18:27

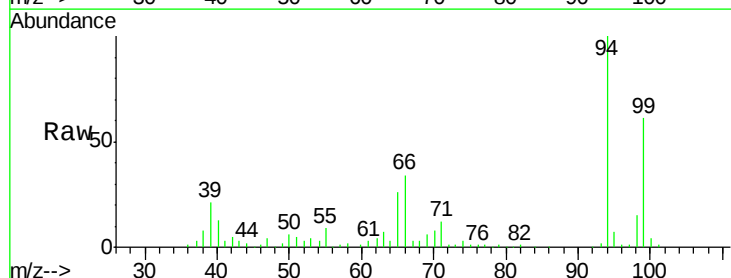
Tgt Ion: 94 Resp: 89331

Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

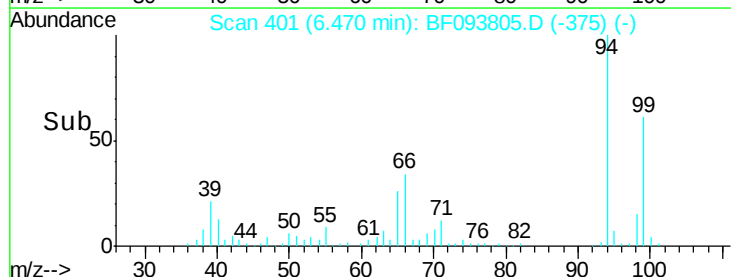
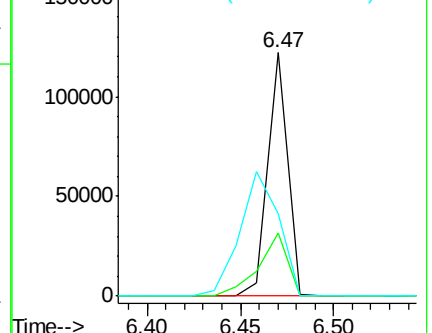
66 34.0 23.1 63.1

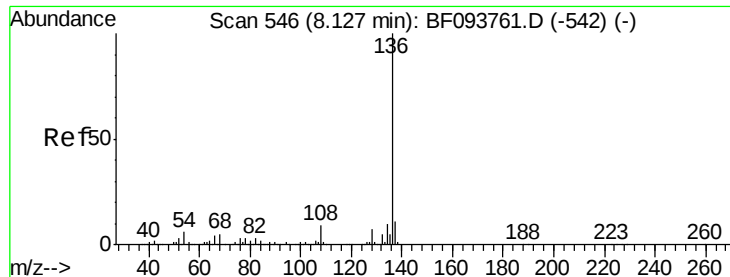


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

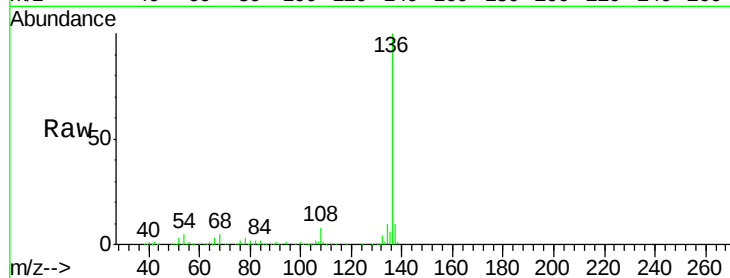




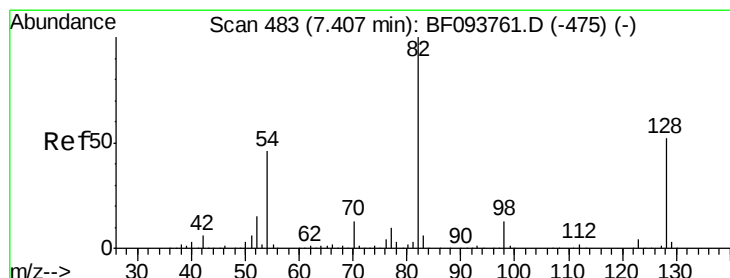
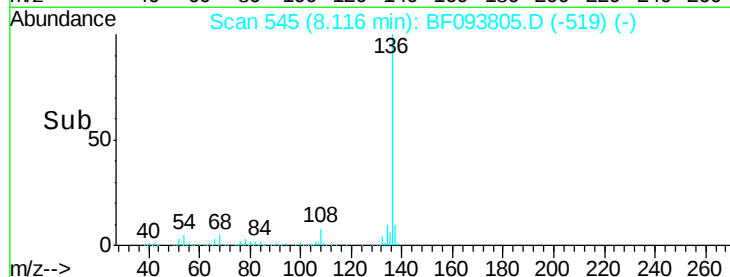
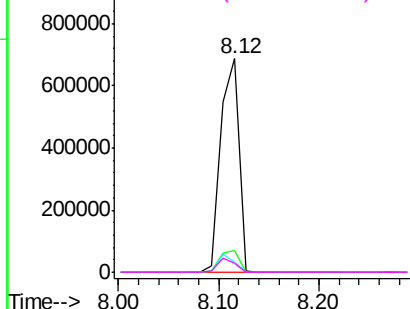
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093805.D
Acq: 21 Mar 2017 18:27

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-002-B

Tgt Ion:	136	Resp:	868225
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	5.0	4.9	7.3
68	4.5	4.1	6.1

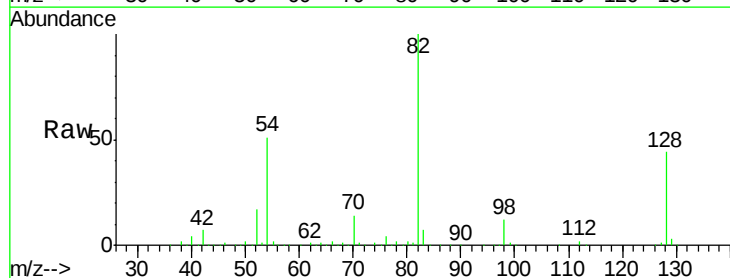


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

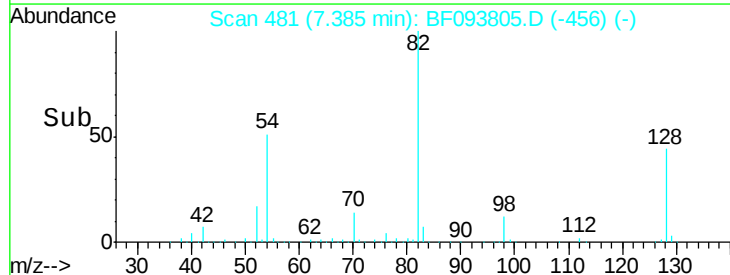
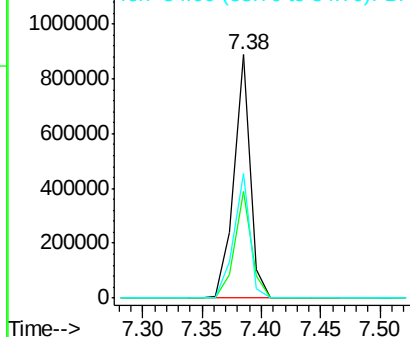


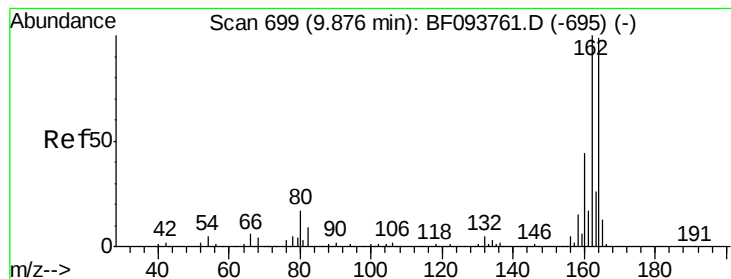
#23
Nitrobenzene-d5
Concen: 55.56 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093805.D
Acq: 21 Mar 2017 18:27

Tgt Ion:	82	Resp:	850394
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	51.3	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: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093805.D

Acq: 21 Mar 2017 18:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-B

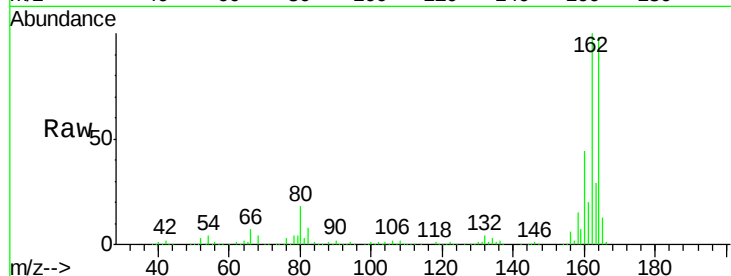
Tgt Ion:164 Resp: 410020

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

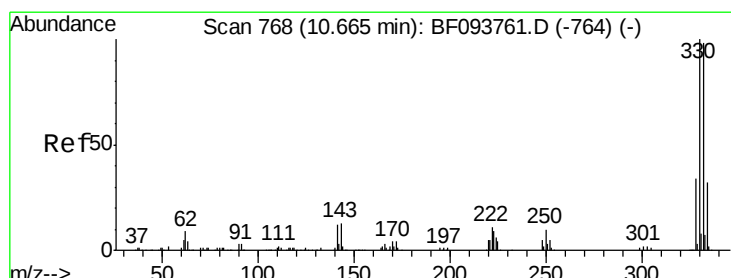
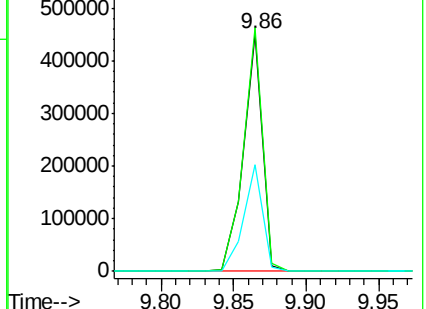
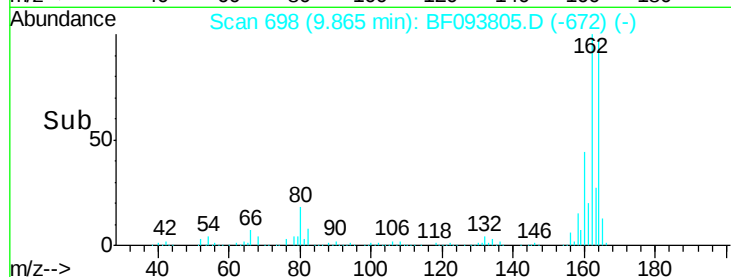
160 44.9 36.2 54.2



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: 95.13 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF093805.D

Acq: 21 Mar 2017 18:27

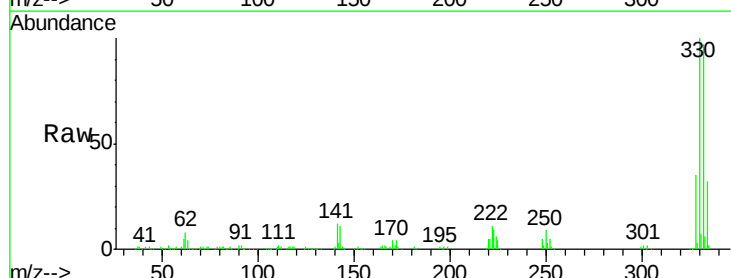
Tgt Ion:330 Resp: 302122

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

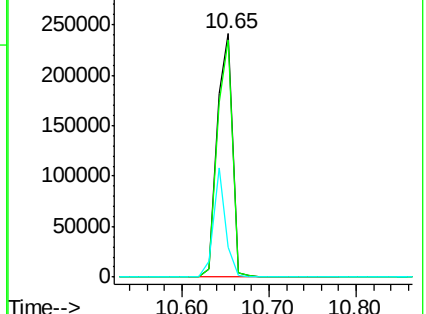
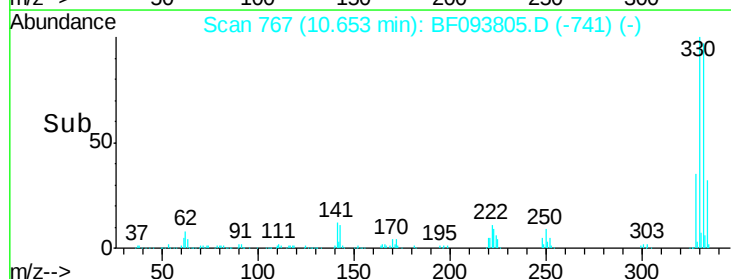
141 35.6 31.4 47.2

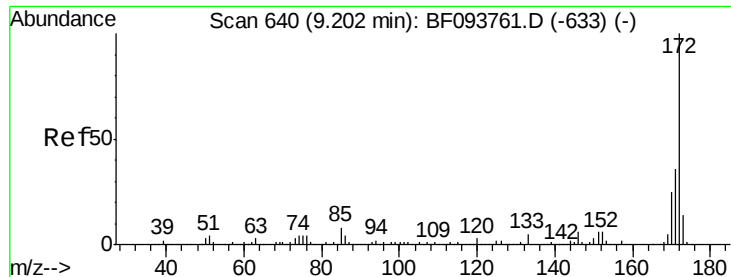


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

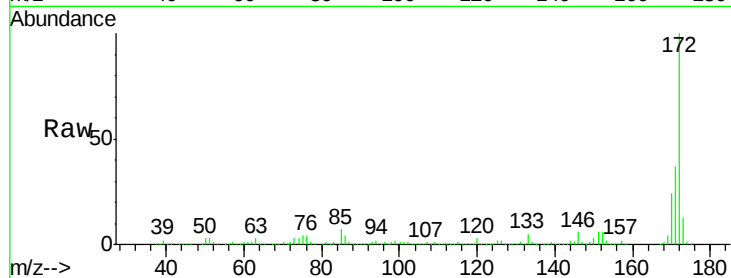




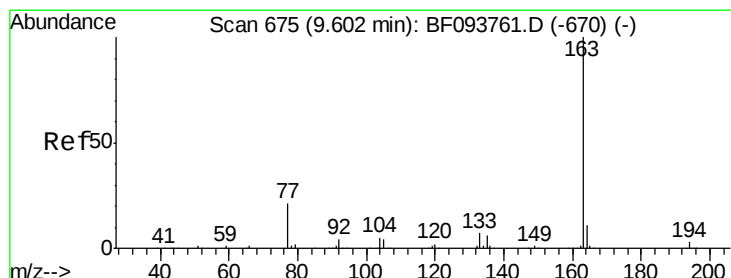
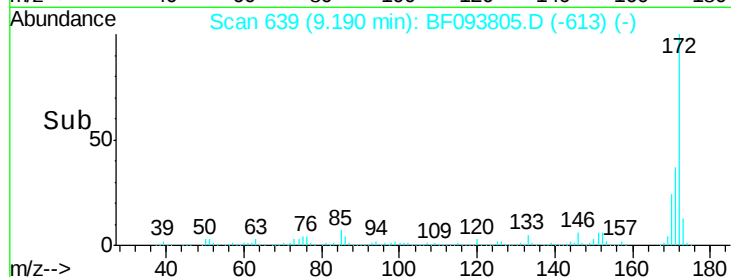
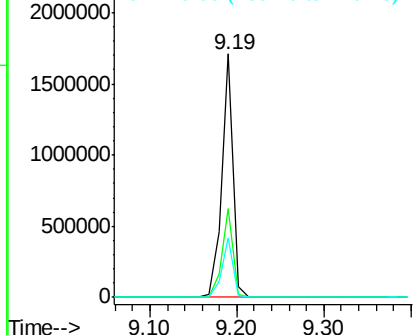
#44
 2-Fluorobiphenyl
 Concen: 63.90 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093805.D
 Acq: 21 Mar 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-002-B

Tgt Ion:172 Resp: 1558144
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.3 19.8 29.8

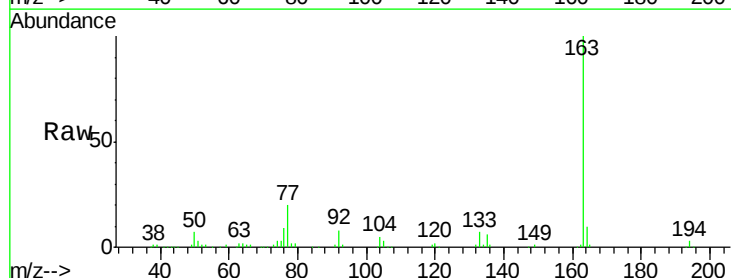


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

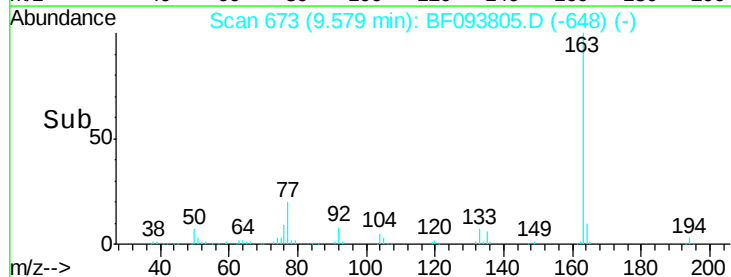
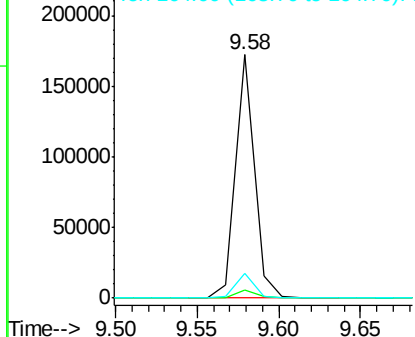


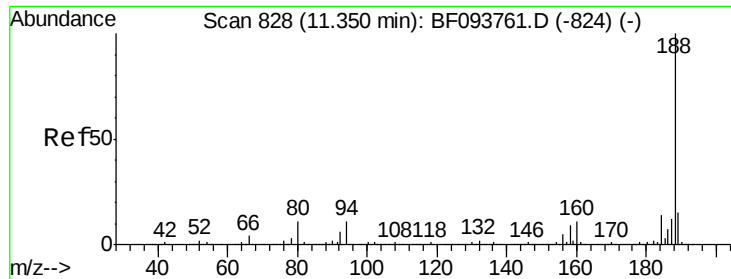
#49
 Dimethylphthalate
 Concen: 4.67 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF093805.D
 Acq: 21 Mar 2017 18:27

Tgt Ion:163 Resp: 136293
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.3 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

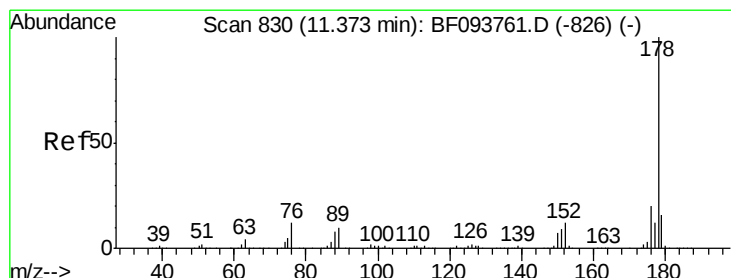
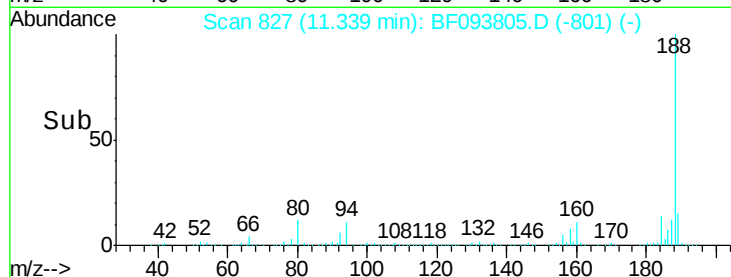
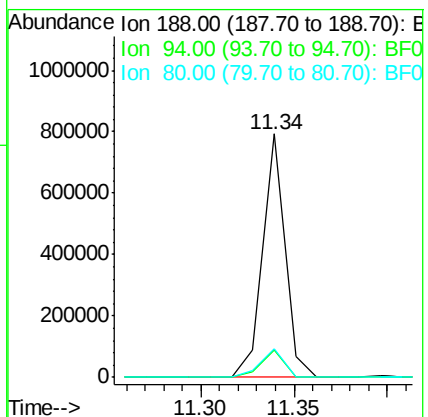
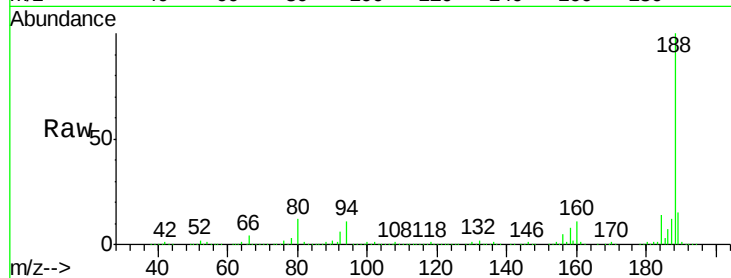




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093805.D
Acq: 21 Mar 2017 18:27

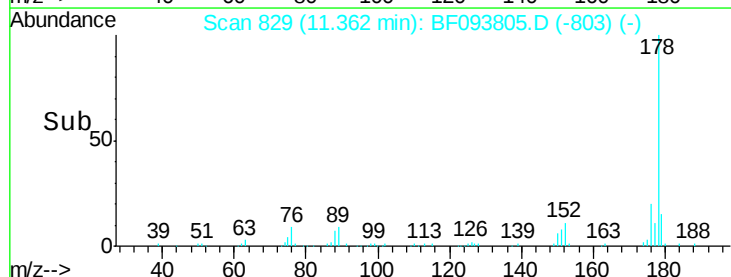
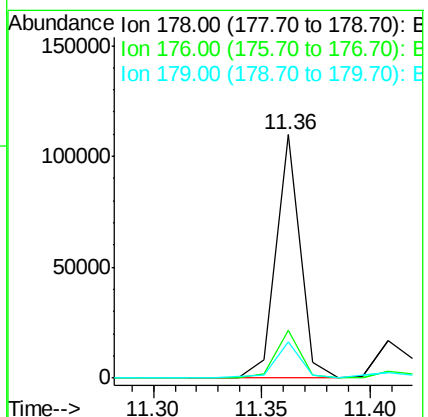
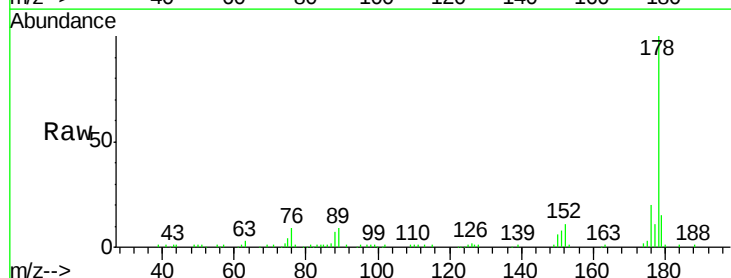
Instrument :
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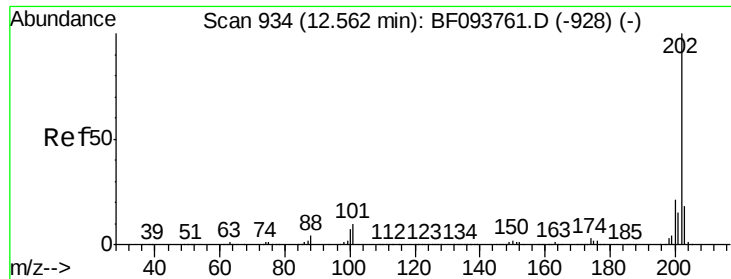
Tgt Ion:188 Resp: 653734
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.7 10.2 15.2



#70
Phenanthrene
Concen: 2.48 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093805.D
Acq: 21 Mar 2017 18:27

Tgt Ion:178 Resp: 86475
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 14.7 12.6 19.0

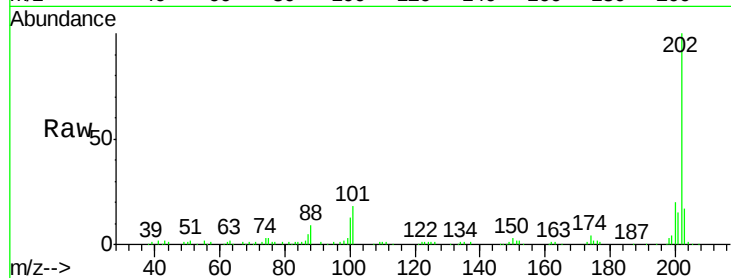




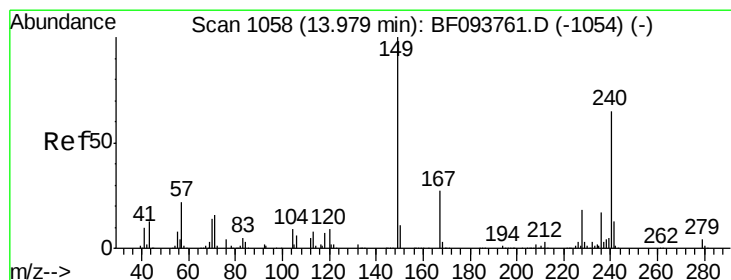
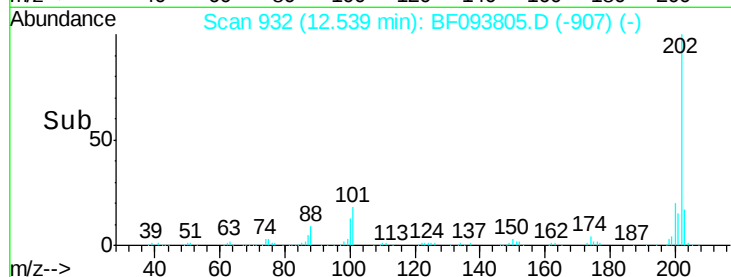
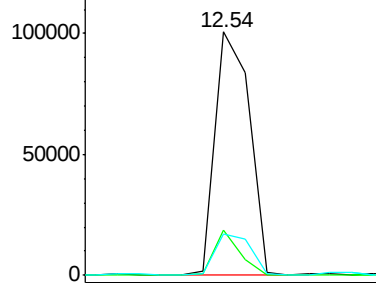
#74
 Fluoranthene
 Concen: 3.62 ng
 RT: 12.54 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BF093805.D
 Acq: 21 Mar 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-002-B

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	129371		
101	18.5	0.0	33.2	
203	16.8	0.0	38.1	

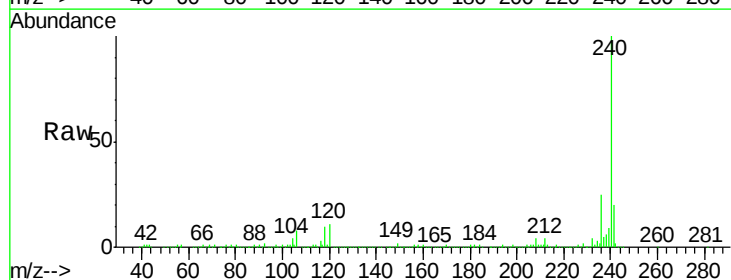


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

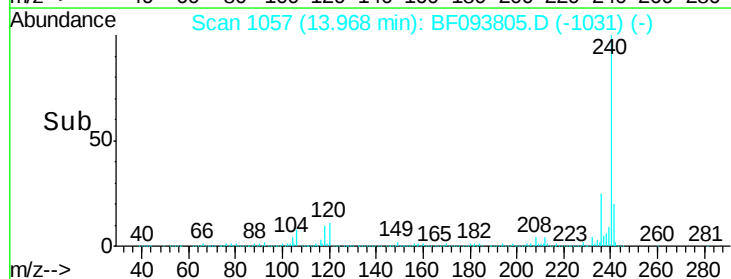
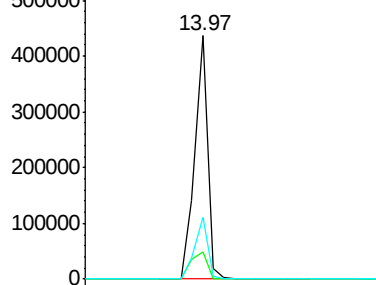


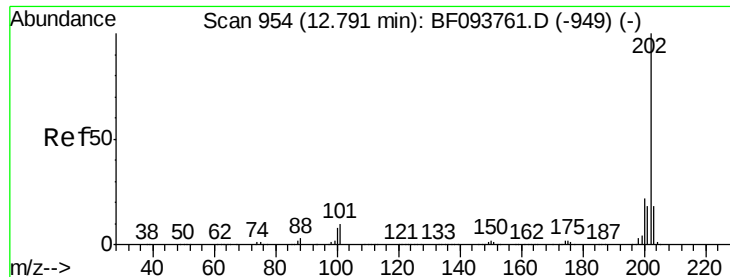
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF093805.D
 Acq: 21 Mar 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	416111		
120	11.4	5.8	8.8#	
236	25.3	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

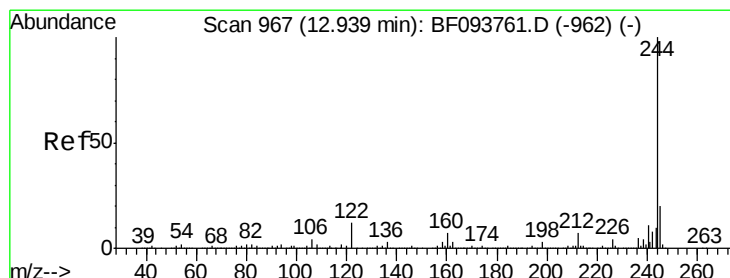
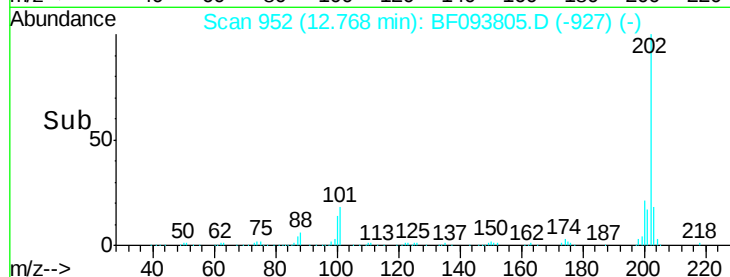
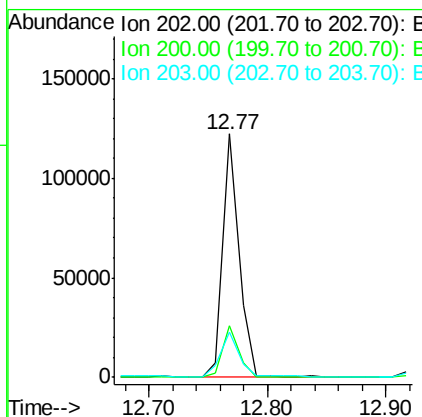
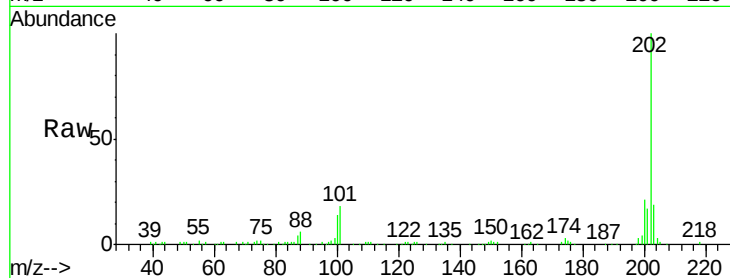




#77
 Pyrene
 Concen: 3.36 ng
 RT: 12.77 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF093805.D
 Acq: 21 Mar 2017 18:27

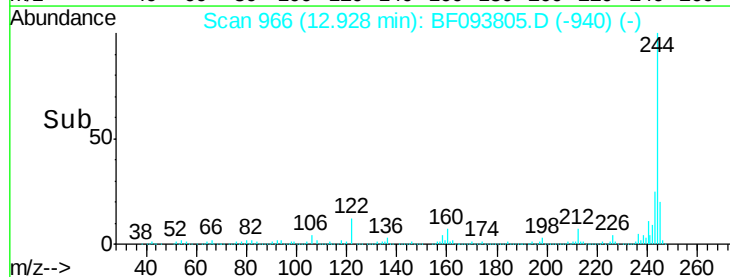
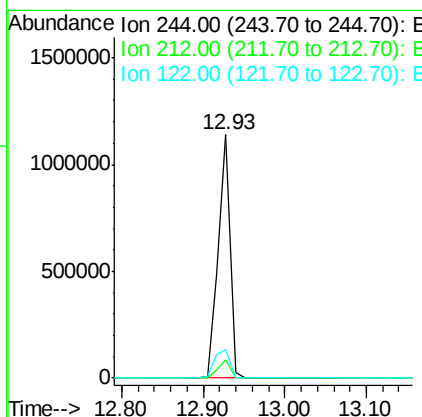
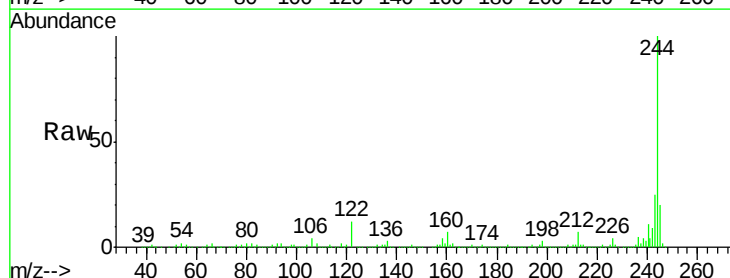
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-002-B

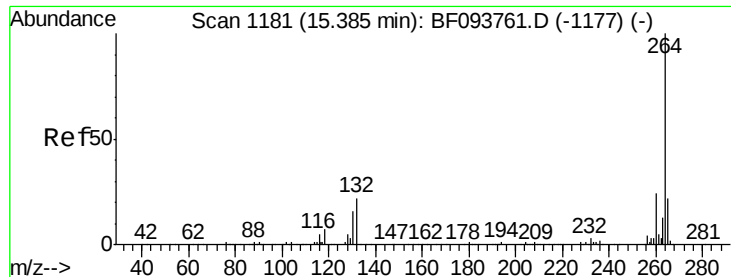
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.6	14.4	21.6



#78
 Terphenyl-d14
 Concen: 56.28 ng
 RT: 12.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF093805.D
 Acq: 21 Mar 2017 18:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.7	10.3	15.5

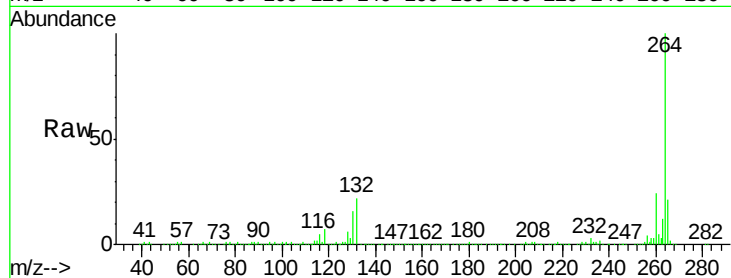




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093805.D
Acq: 21 Mar 2017 18:27

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-002-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	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

