

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093391.D
 Acq On : 4 Mar 2017 8:00
 Operator : SJ/MA
 Sample : I2088-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-A

Quant Time: Mar 06 00:10:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Mar 05 23:55:48 2017
 Response via : Initial Calibration

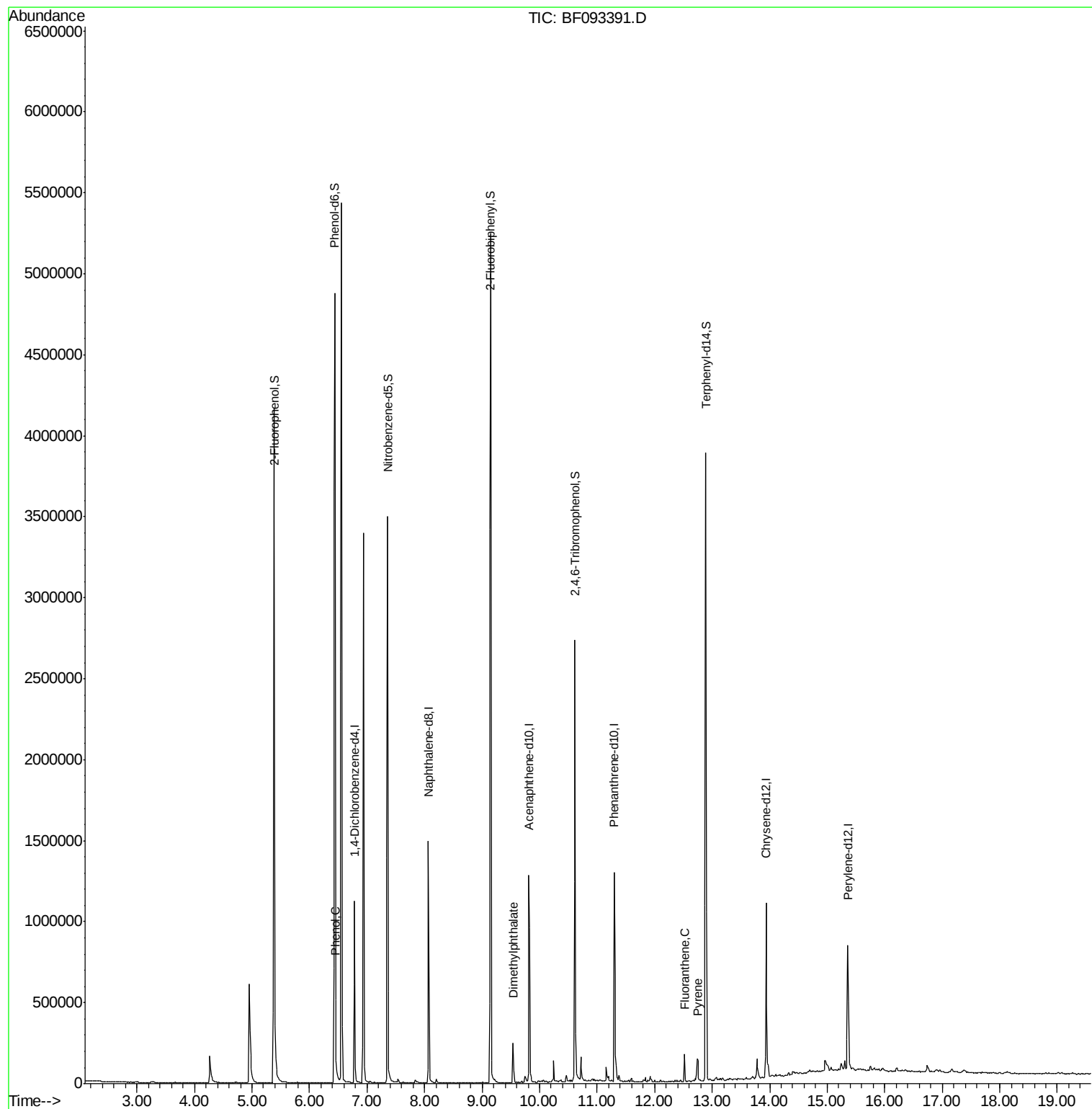
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	207456	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	773439	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	339649	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	554818	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	378183	20.00	ng	-0.01
86) Perylene-d12	15.36	264	343001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1736980	143.65	ng	0.02
7) Phenol-d6	6.44	99	2340502	150.43	ng	0.00
23) Nitrobenzene-d5	7.36	82	1322369	95.21	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	330769	134.65	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2182776	116.43	ng	0.00
78) Terphenyl-d14	12.89	244	1337491	83.10	ng	0.00
Target Compounds						
10) Phenol	6.45	94	111783	6.14	ng	# 66
49) Dimethylphthalate	9.54	163	107784	4.71	ng	# 99
74) Fluoranthene	12.52	202	93857	2.86	ng	94
77) Pyrene	12.75	202	82312	2.91	ng	97

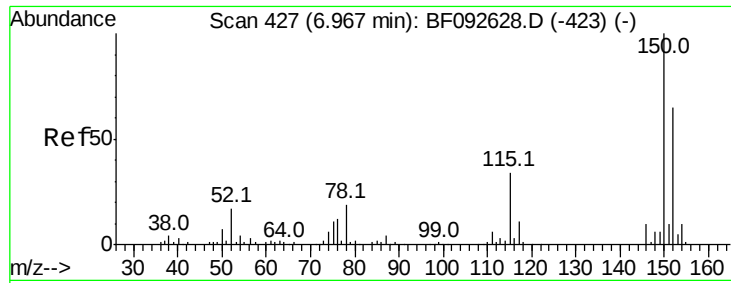
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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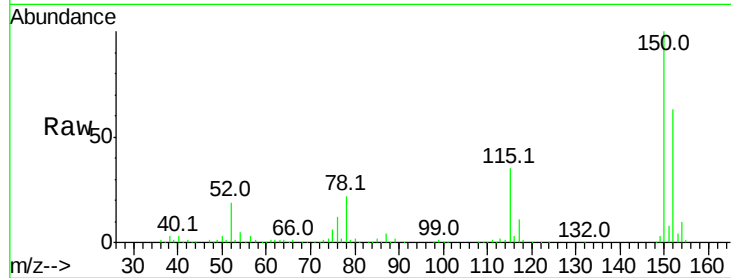


#1

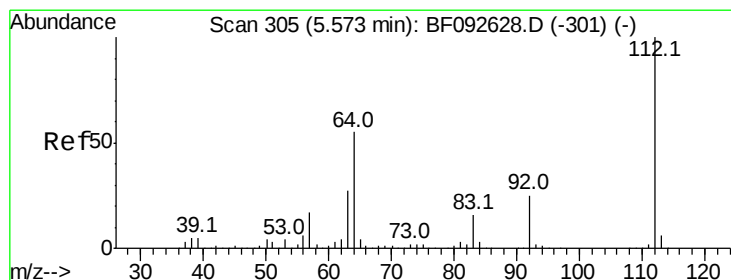
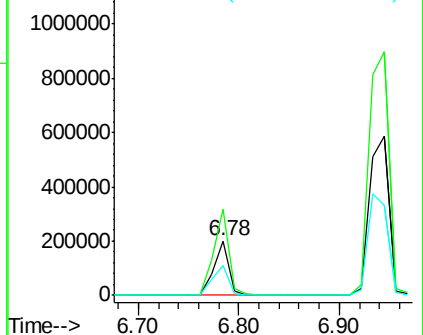
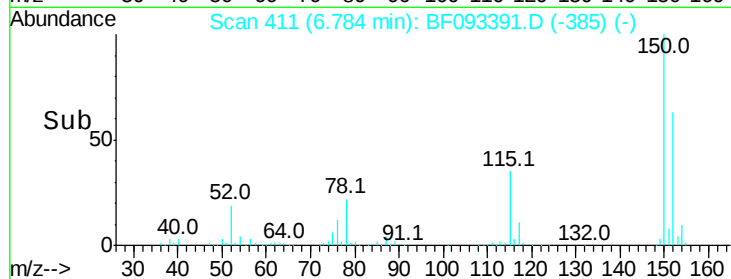
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF093391.D
Acq: 4 Mar 2017 8:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-A

Tot Ion:152 Resp: 207456
Ion Ratio Lower Upper
152 100
150 157.7 124.9 187.3
115 55.1 46.0 69.0



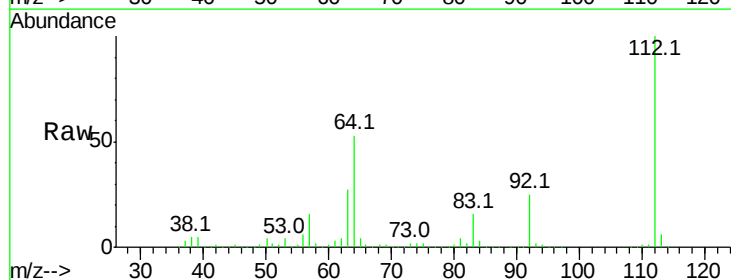
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



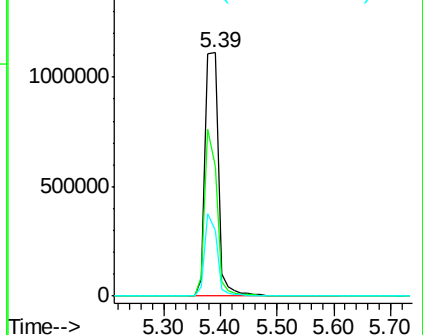
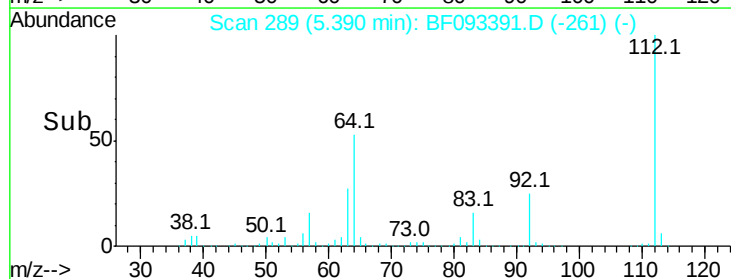
#5

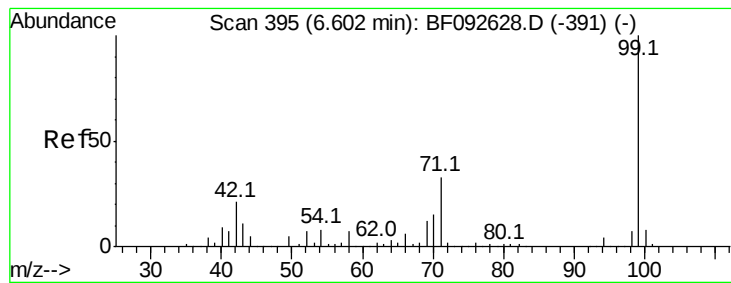
2-Fluorophenol
Concen: 143.65 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.02 min
Lab File: BF093391.D
Acq: 4 Mar 2017 8:00

Tgt Ion:112 Resp: 1736980
Ion Ratio Lower Upper
112 100
64 53.2 46.1 69.1
63 26.7 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: 150.43 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF093391.D

Acq: 4 Mar 2017 8:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-A

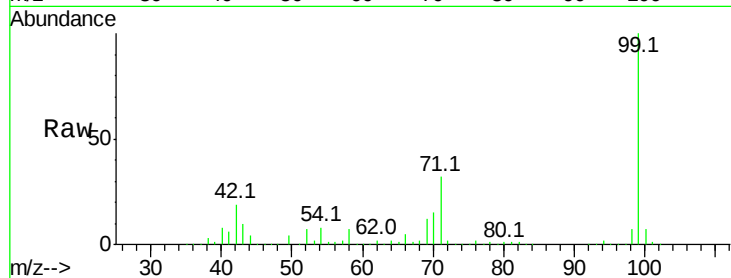
Tot Ion: 99 Resp: 2340502

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

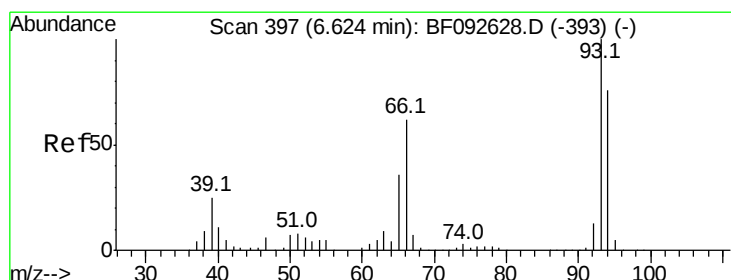
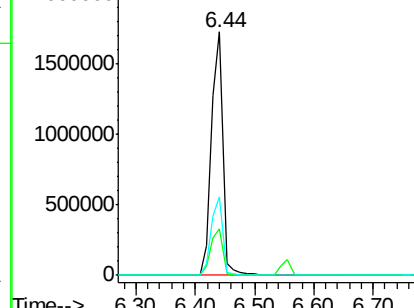
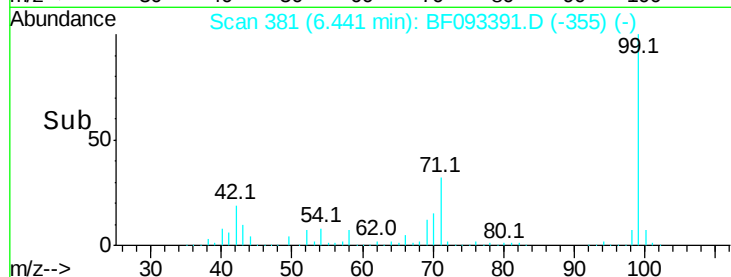
71 32.3 27.5 41.3



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



#10

Phenol

Concen: 6.14 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF093391.D

Acq: 4 Mar 2017 8:00

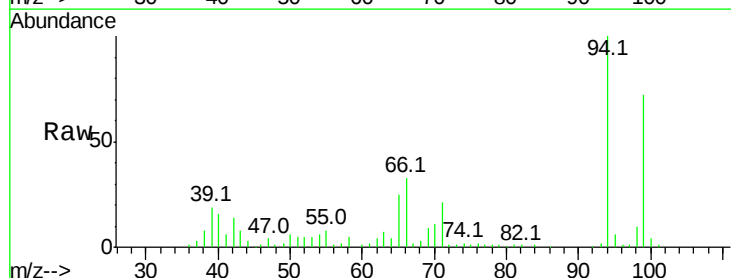
Tgt Ion: 94 Resp: 111783

Ion Ratio Lower Upper

94 100

65 24.8 21.4 61.4

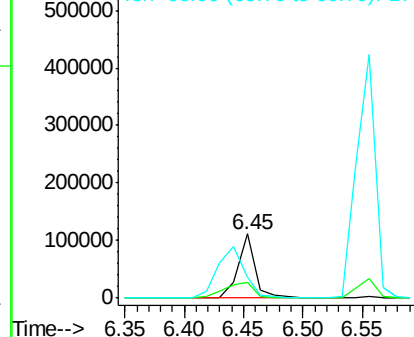
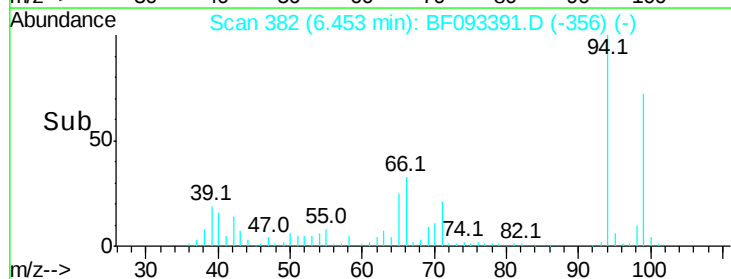
66 33.0 44.0 84.0#



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

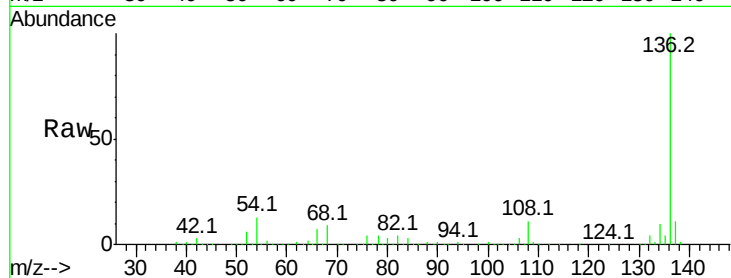




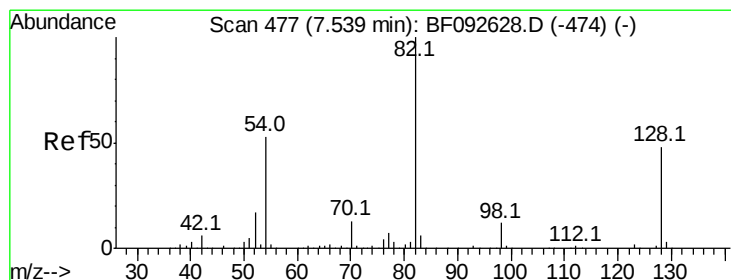
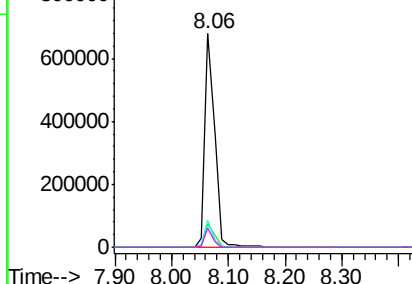
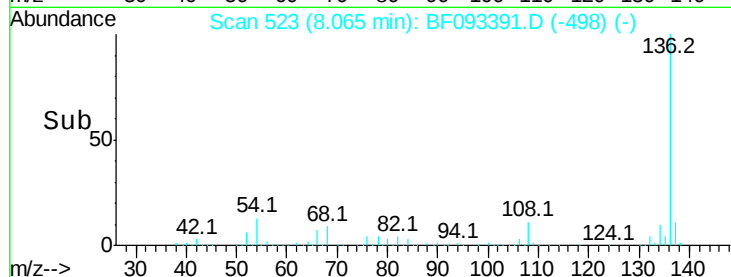
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF093391.D
Acq: 4 Mar 2017 8:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-A

Tot Ion:136	Resp:	773439
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.4	12.6
54 12.7	4.5	6.7#
68 9.0	3.6	5.4#

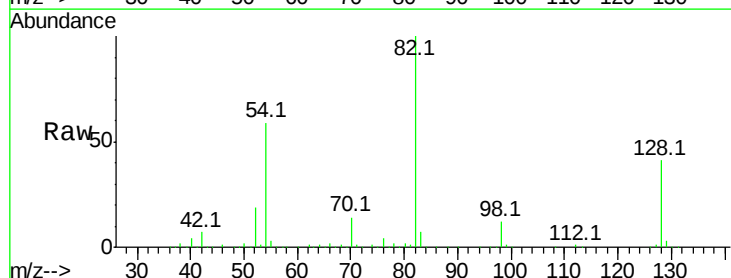


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

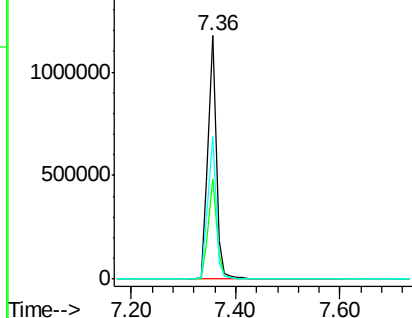
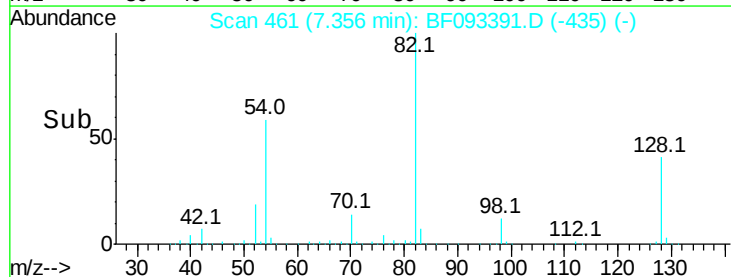


#23
Nitrobenzene-d5
Concen: 95.21 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF093391.D
Acq: 4 Mar 2017 8:00

Tgt Ion: 82	Resp: 1322369
Ion Ratio	Lower Upper
82 100	
128 41.4	34.6 52.0
54 58.7	39.5 59.3



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

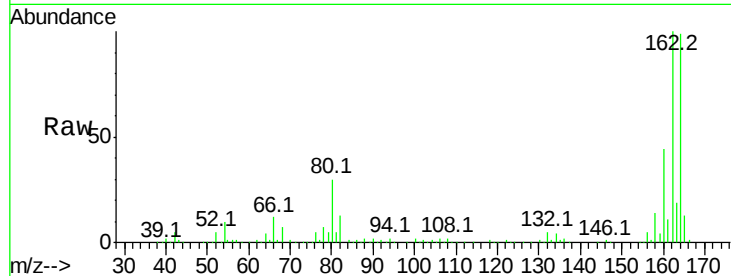




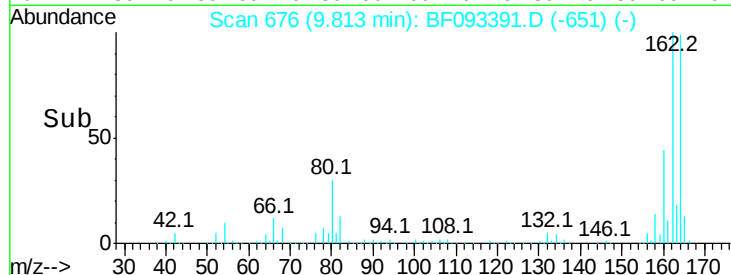
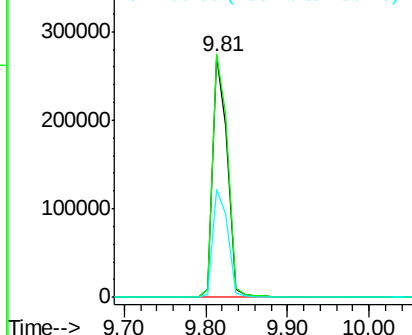
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF093391.D
Acq: 4 Mar 2017 8:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-A

Tot Ion:164 Resp: 339649
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 44.6 36.9 55.3

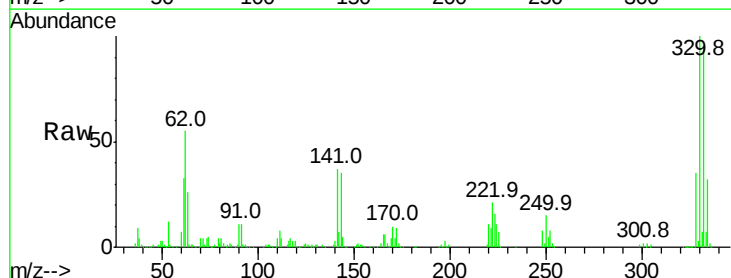


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

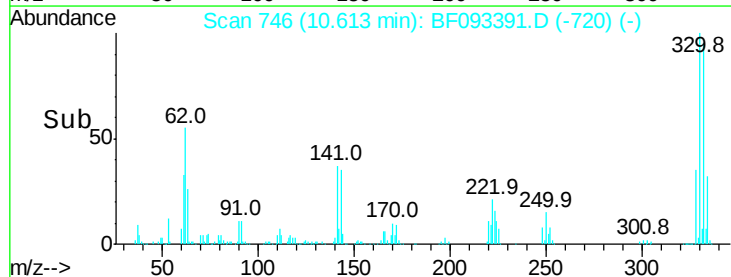
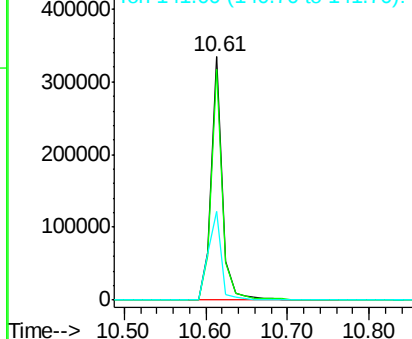


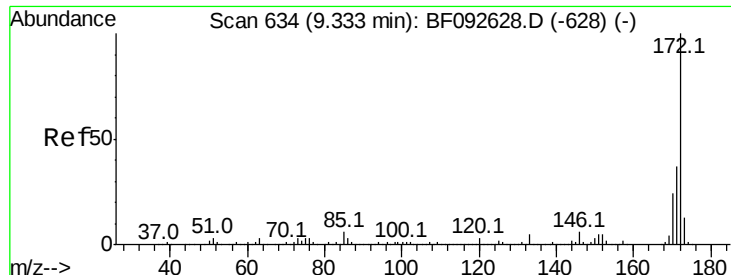
#41
2,4,6-Tribromophenol
Concen: 134.65 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF093391.D
Acq: 4 Mar 2017 8:00

Tgt Ion:330 Resp: 330769
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.2
141 43.3 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



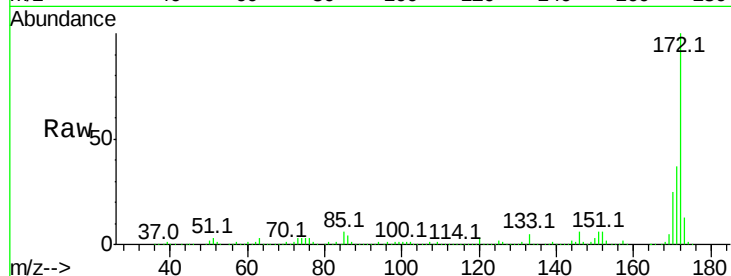


#44
 2-Fluorobiphenyl
 Concen: 116.43 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093391.D
 Acq: 4 Mar 2017 8:00

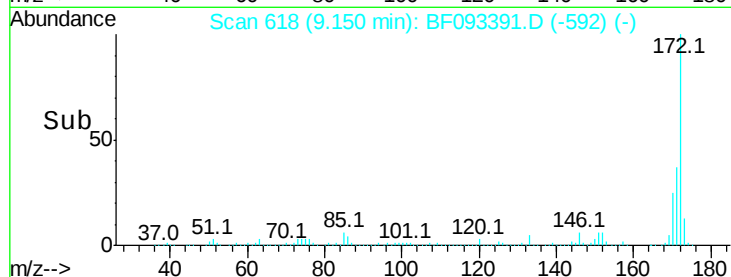
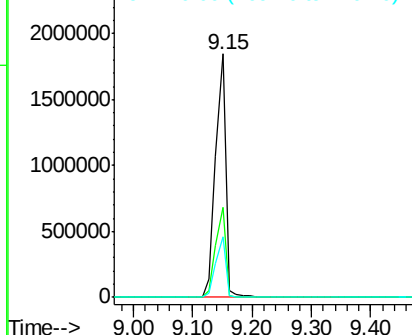
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-A

Tot Ion:172 Resp: 2182776

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.7	20.2	30.4



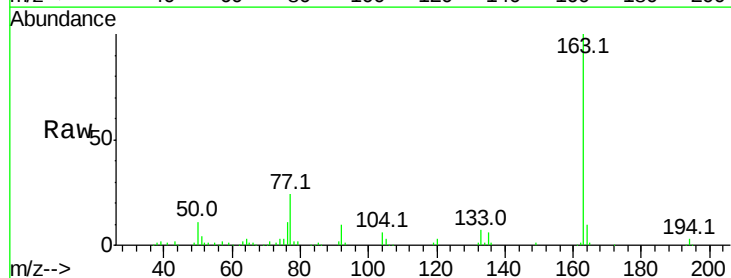
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



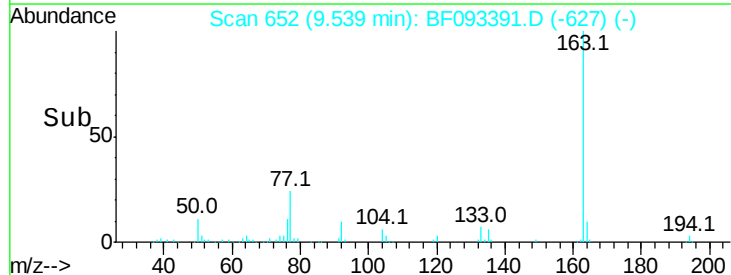
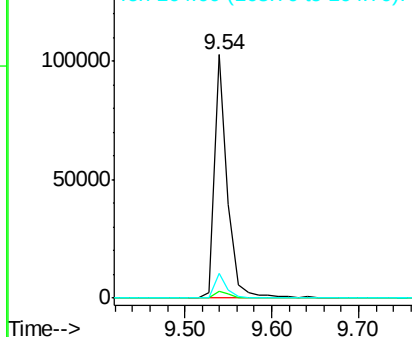
#49
 Dimethylphthalate
 Concen: 4.71 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF093391.D
 Acq: 4 Mar 2017 8:00

Tgt Ion:163 Resp: 107784

Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.0	4.4#
164	10.2	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

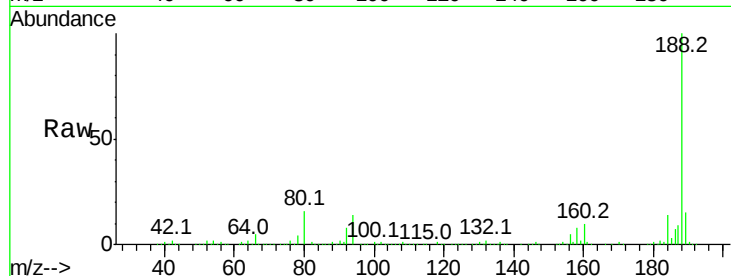




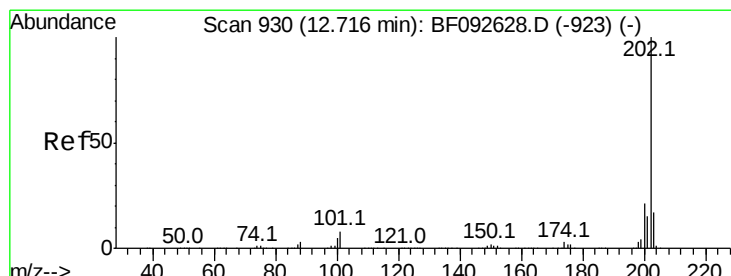
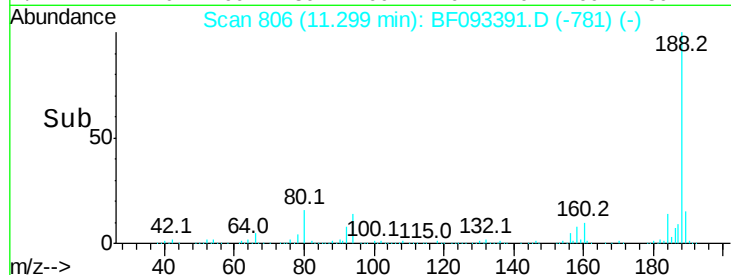
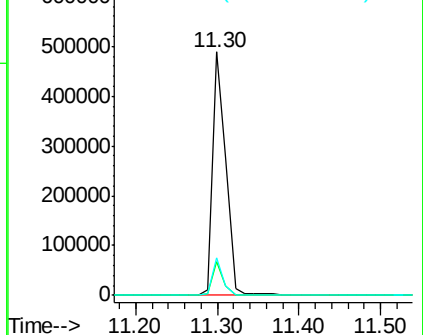
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093391.D
Acq: 4 Mar 2017 8:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-A

Tot Ion:188 Resp: 554818
Ion Ratio Lower Upper
188 100
94 14.1 10.0 15.0
80 15.7 11.2 16.8

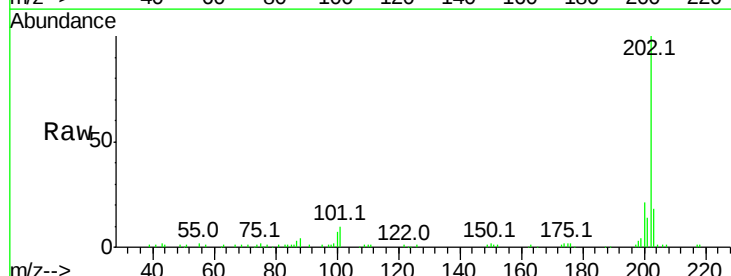


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

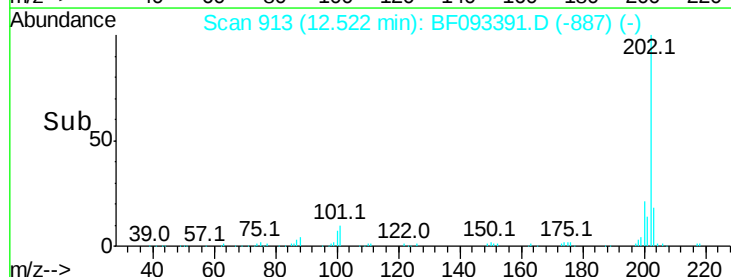
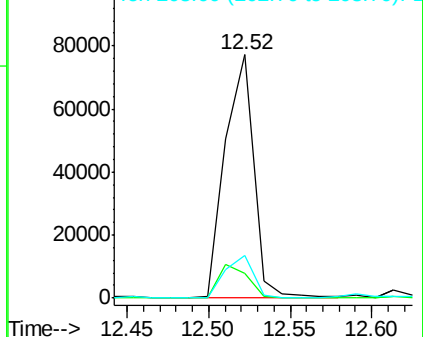


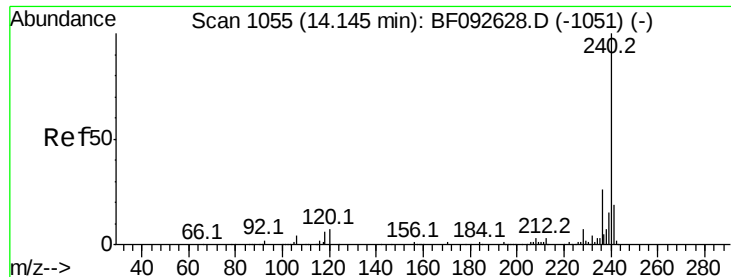
#74
Fluoranthene
Concen: 2.86 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF093391.D
Acq: 4 Mar 2017 8:00

Tgt Ion:202 Resp: 93857
Ion Ratio Lower Upper
202 100
101 10.0 0.0 34.6
203 17.8 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: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF093391.D

Acq: 4 Mar 2017 8:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-A

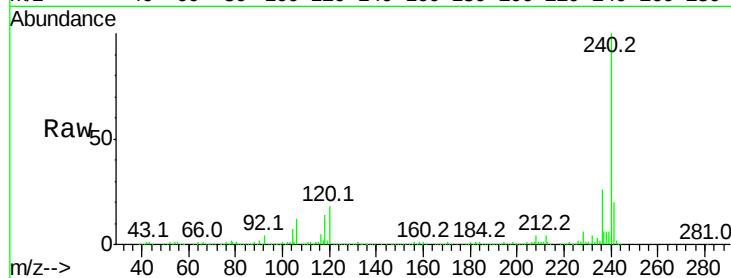
Tot Ion:240 Resp: 378183

Ion Ratio Lower Upper

240 100

120 17.5 12.9 19.3

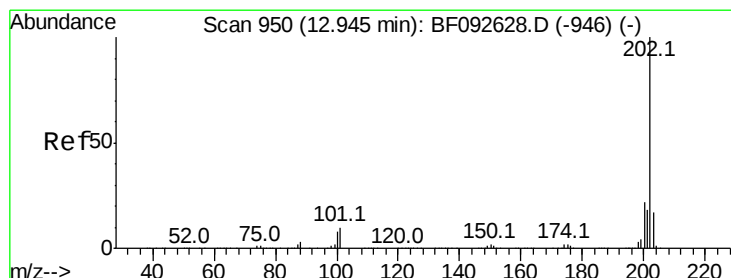
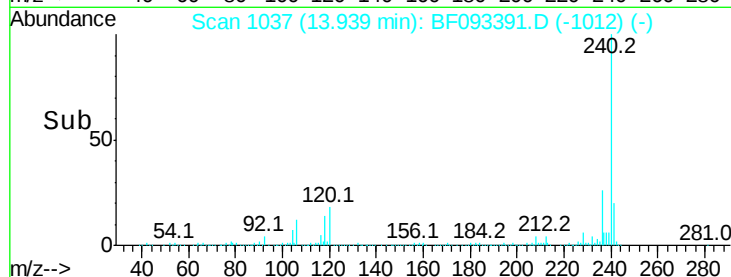
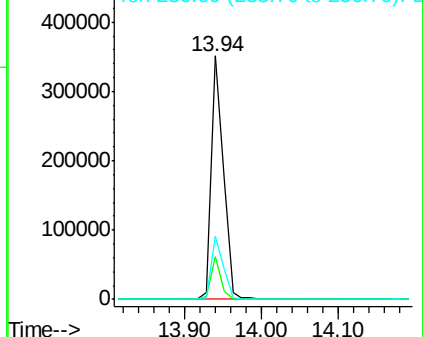
236 26.0 20.9 31.3



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: 2.91 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093391.D

Acq: 4 Mar 2017 8:00

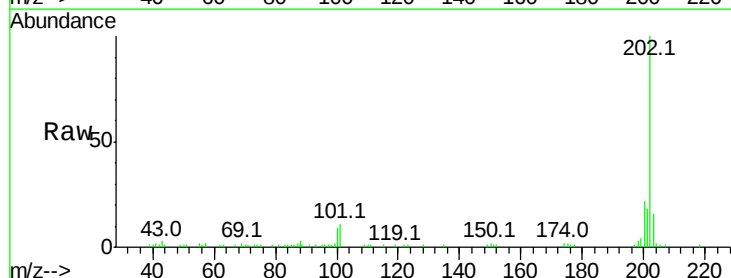
Tgt Ion:202 Resp: 82312

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

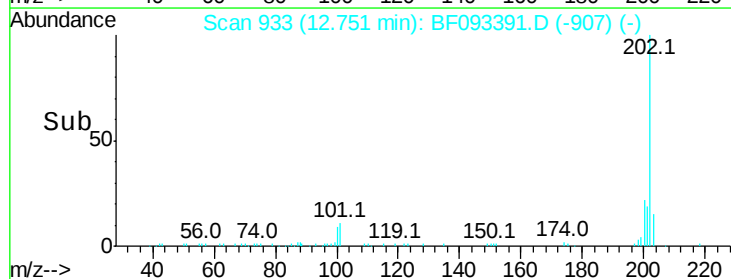
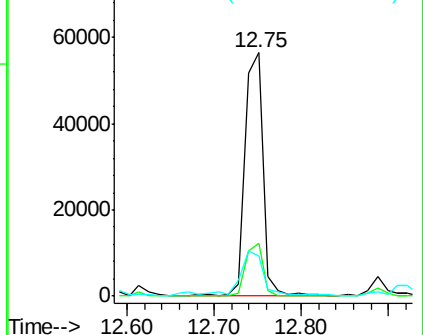
203 16.2 14.7 22.1

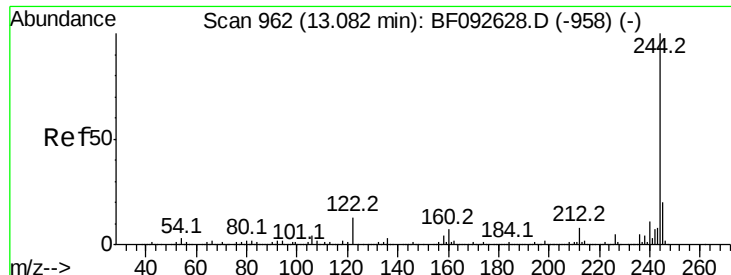


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.10 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093391.D

Acq: 4 Mar 2017 8:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-A

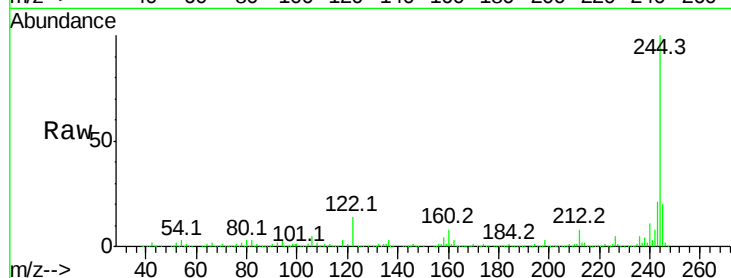
Tot Ion:244 Resp: 1337491

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

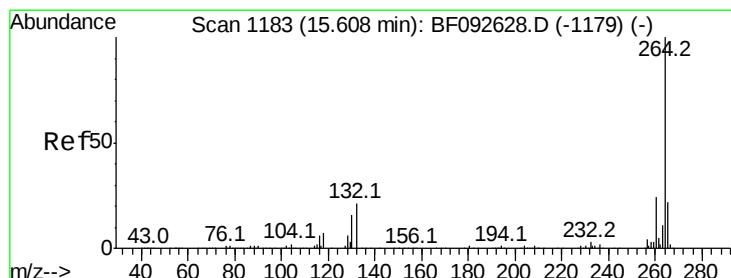
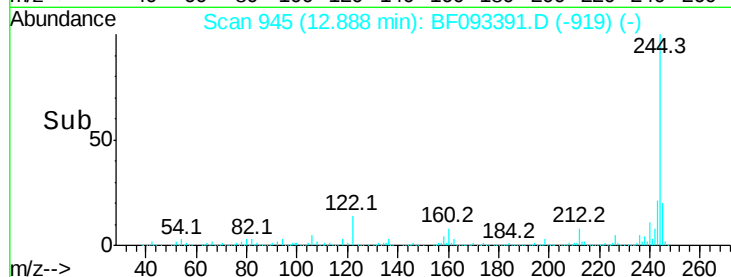
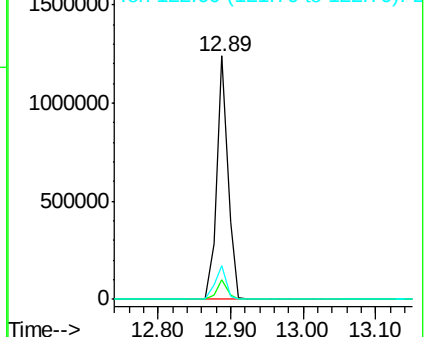
122 13.8 11.4 17.2



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: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF093391.D

Acq: 4 Mar 2017 8:00

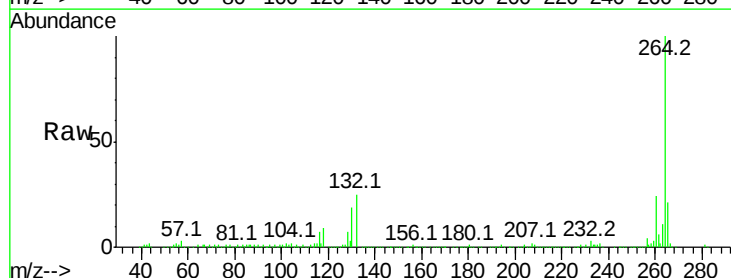
Tgt Ion:264 Resp: 343001

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 17.4 26.0



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

