

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080992.D
 Acq On : 13 Aug 2015 21:12
 Operator : UM/IZ
 Sample : G3252-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-017-B

Quant Time: Aug 14 00:40:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

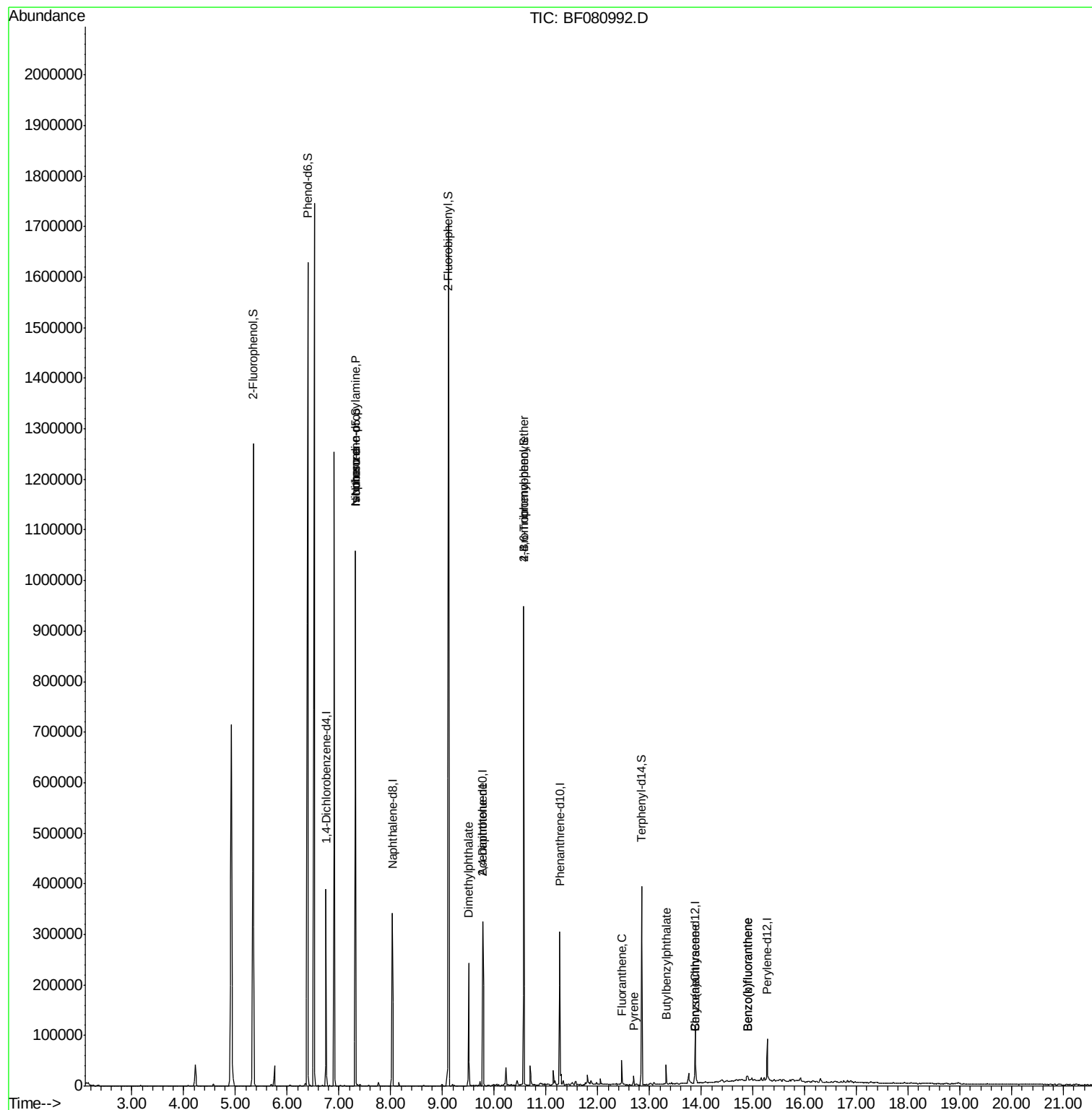
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	46378	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	163775	20.00	ng	-0.07
38) Acenaphthene-d10	9.78	164	73681	20.00	ng	-0.07
63) Phenanthrene-d10	11.26	188	138217	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	37501	20.00	ng	-0.08
86) Perylene-d12	15.28	264	35738	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	331337	116.73	ng	-0.03
7) Phenol-d6	6.40	99	577940	148.58	ng	-0.05
23) Nitrobenzene-d5	7.32	82	385581	111.36	ng	-0.06
41) 2,4,6-Tribromophenol	10.57	330	79597	98.33	ng	-0.07
44) 2-Fluorobiphenyl	9.12	172	525684	100.44	ng	-0.06
78) Terphenyl-d14	12.84	244	154563	85.13	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	52873	18.60	ng	# 78
25) Isophorone	7.32	82	367324	55.17	ng	# 65
49) Dimethylphthalate	9.50	163	82051	13.41	ng	100
56) 2,4-Dinitrotoluene	9.78	165	9289	5.49	ng	# 7
66) 4-Bromophenyl-phenylether	10.57	248	6040	4.13	ng	# 1
74) Fluoranthene	12.47	202	17153	2.03	ng	97
77) Pyrene	12.69	202	10474	3.78	ng	97
79) Butylbenzylphthalate	13.32	149	8037	6.02	ng	# 77
80) Benzo(a)anthracene	13.87	228	5284	2.23	ng	# 92
82) Chrysene	13.87	228	5284	2.33	ng	94
87) Benzo(b)fluoranthene	14.89	252	7877	3.17	ng	# 86
88) Benzo(k)fluoranthene	14.89	252	7877	3.62	ng	# 89

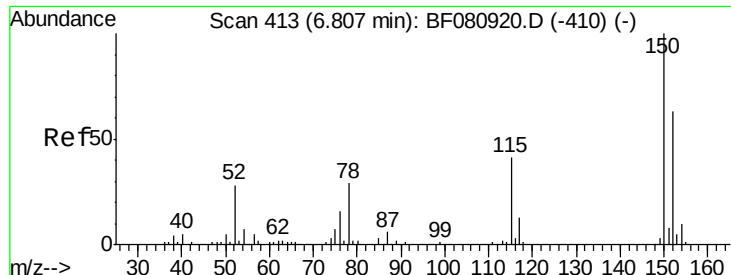
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-017-B

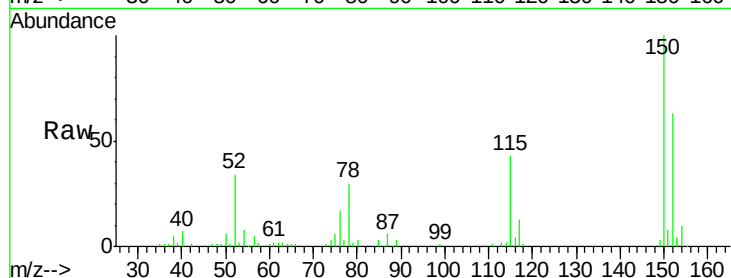
Tot Ion:152 Resp: 46378

Ion Ratio Lower Upper

152 100

150 157.5 127.4 191.2

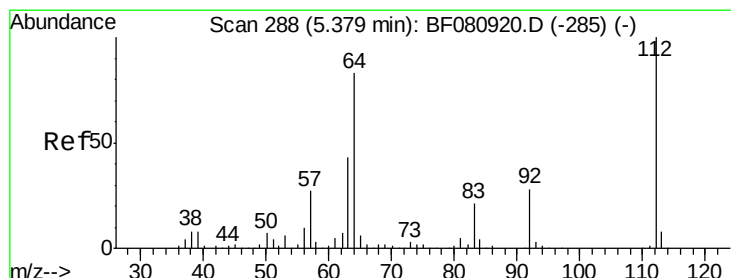
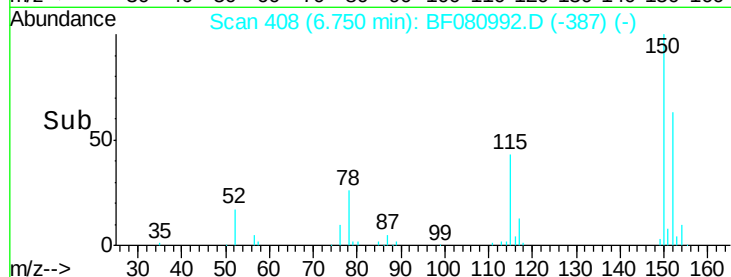
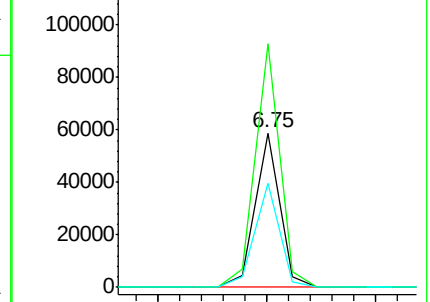
115 67.6 52.6 78.8



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: 116.73 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

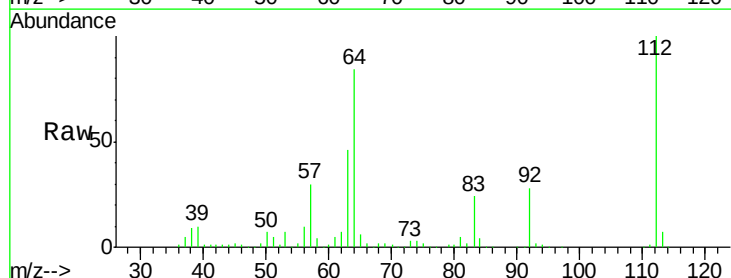
Tgt Ion:112 Resp: 331337

Ion Ratio Lower Upper

112 100

64 84.0 66.1 99.1

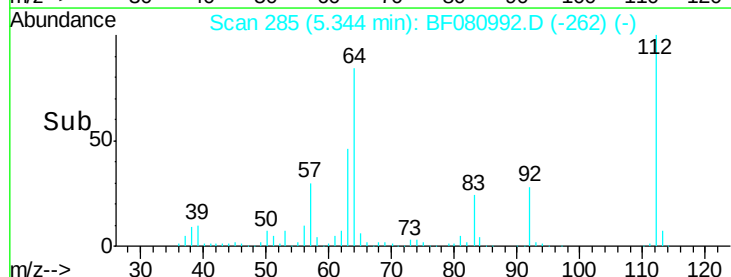
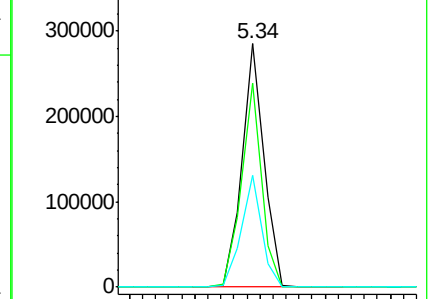
63 46.1 34.6 52.0

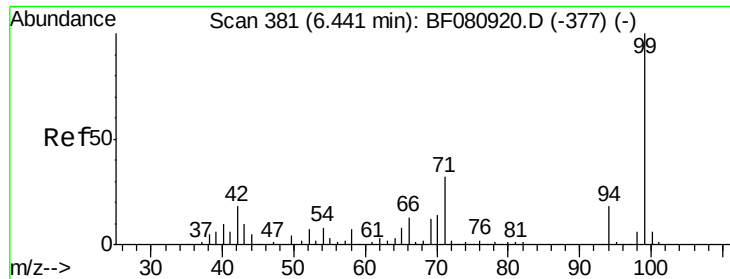


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 148.58 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-017-B

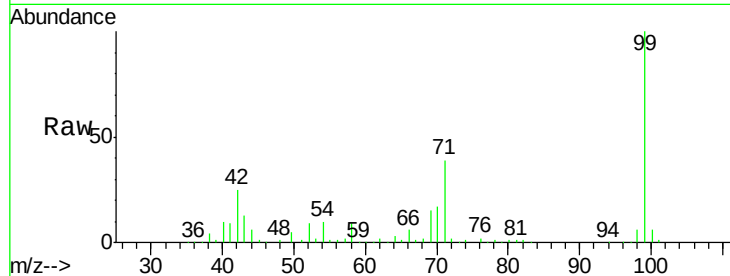
Tot Ion: 99 Resp: 577940

Ion Ratio Lower Upper

99 100

42 25.4 14.4 21.6#

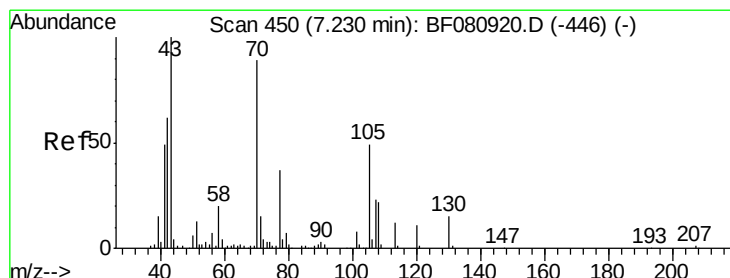
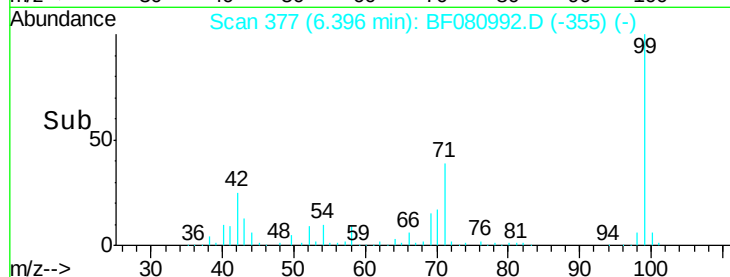
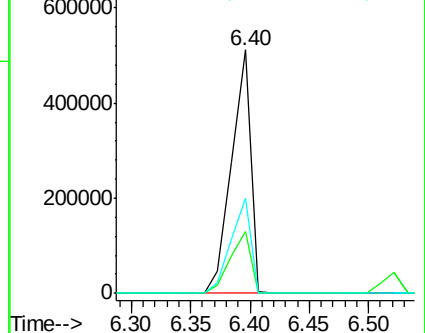
71 39.3 25.8 38.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.60 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.09 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Tgt Ion: 70 Resp: 52873

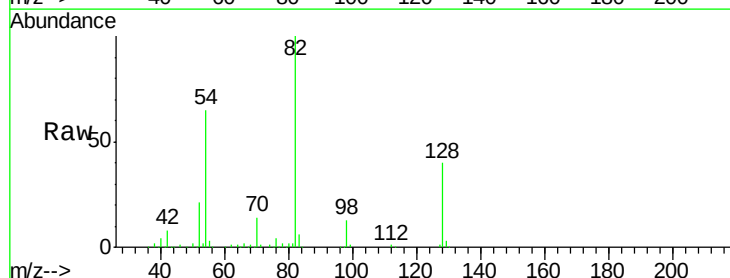
Ion Ratio Lower Upper

70 100

42 55.0 55.7 83.5#

101 0.0 7.0 10.6#

130 1.7 13.8 20.8#

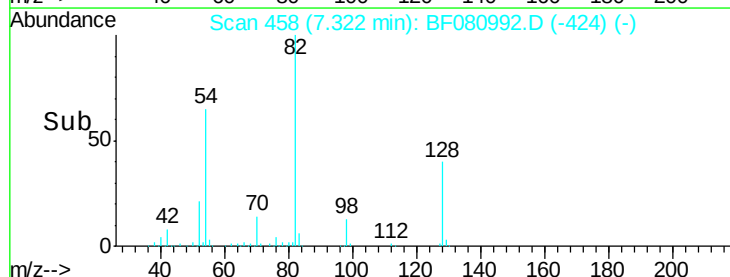
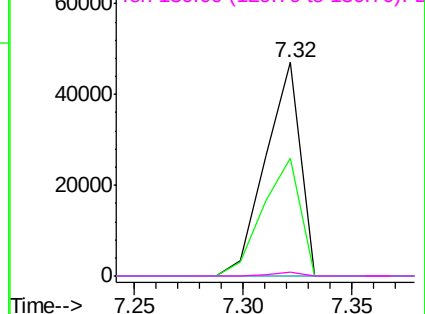


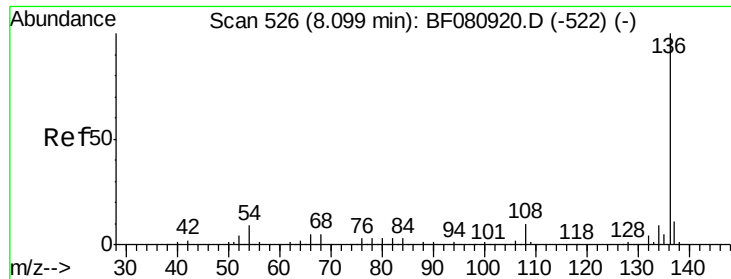
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

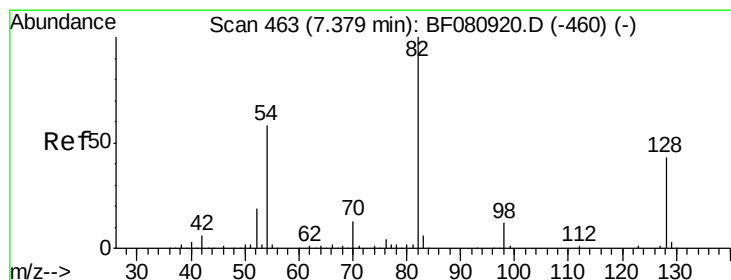
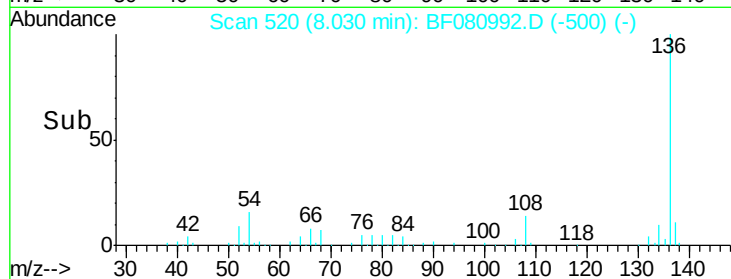
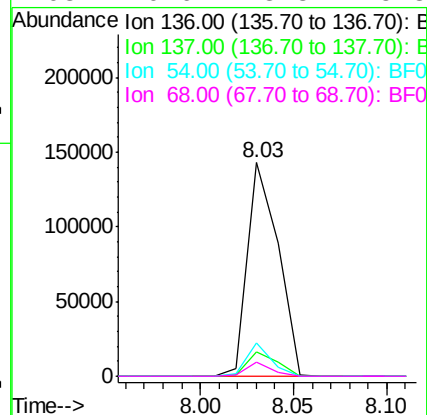
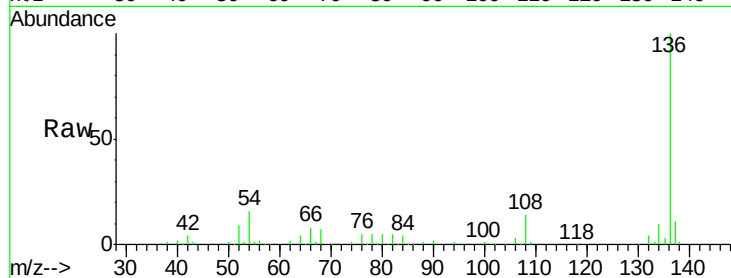




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.07 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

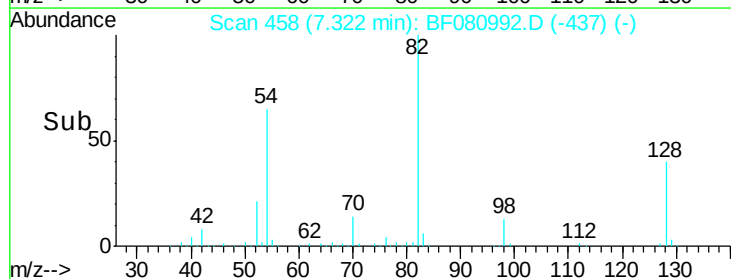
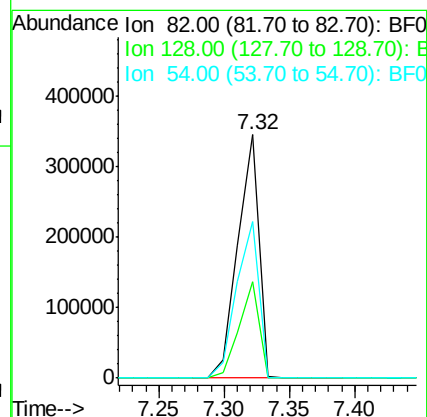
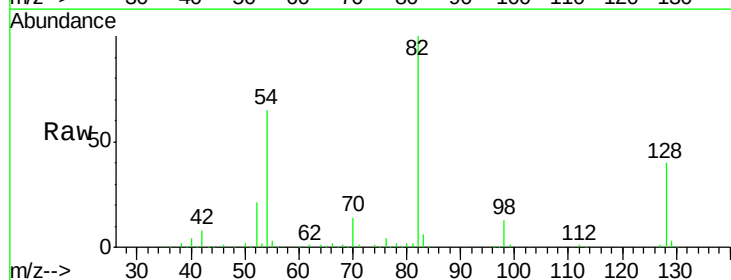
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BNA_F
ClientSampleId :
FK-GF-01-017-B

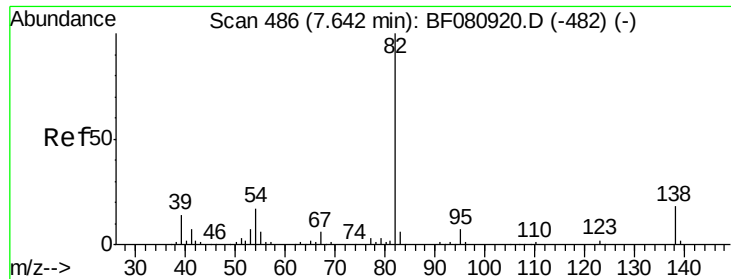
Tot Ion:136	Resp:	163775
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	15.7	7.1 10.7#
68	6.6	3.8 5.8#



#23
Nitrobenzene-d5
Concen: 111.36 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Tgt Ion: 82	Resp:	385581
Ion Ratio	Lower	Upper
82	100	
128	39.6	34.1 51.1
54	64.6	46.5 69.7





#25

Isophorone

Concen: 55.17 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.32 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-017-B

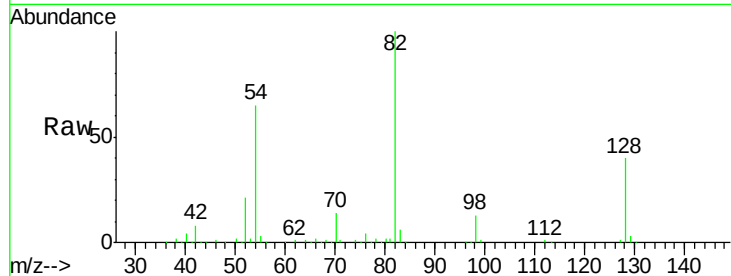
Tot Ion: 82 Resp: 367324

Ion Ratio Lower Upper

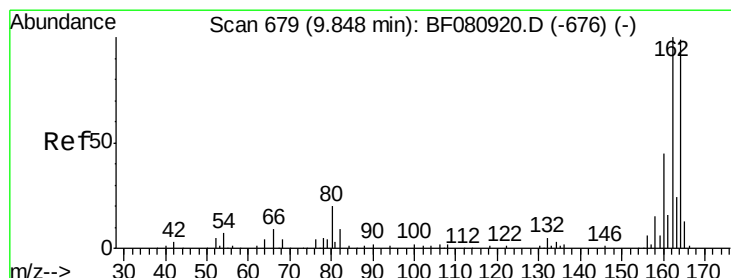
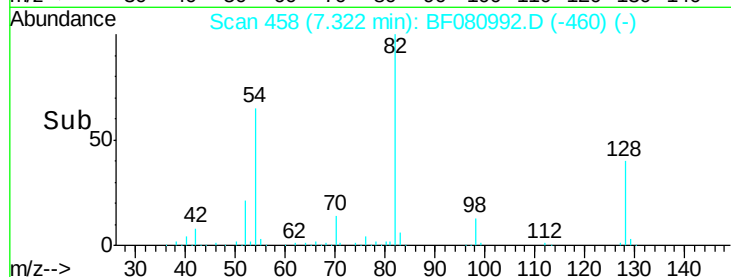
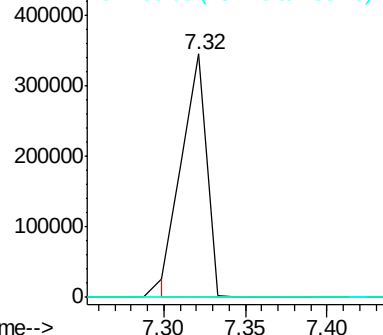
82 100

95 0.0 5.8 8.6#

138 0.0 14.1 21.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.07 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

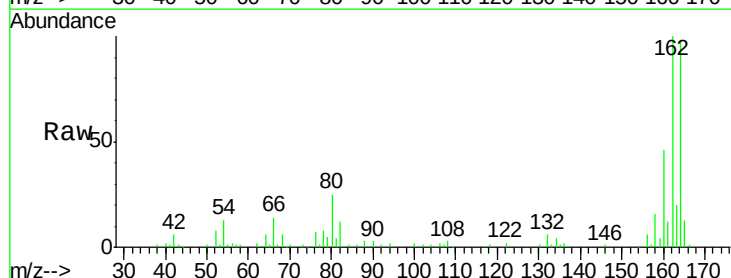
Tgt Ion: 164 Resp: 73681

Ion Ratio Lower Upper

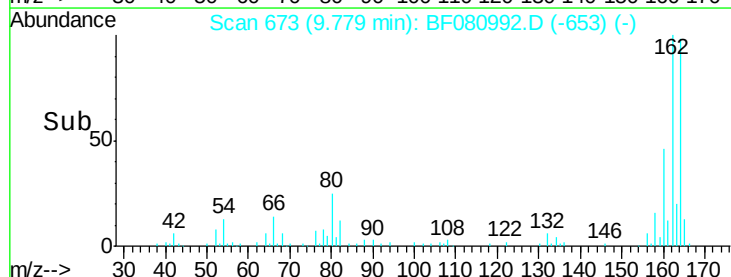
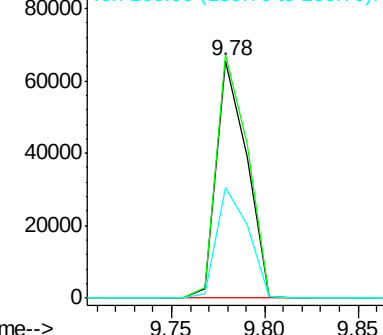
164 100

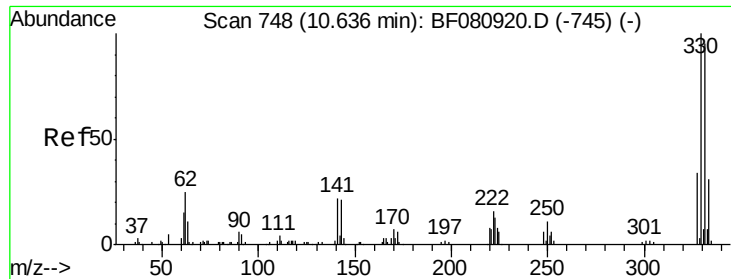
162 102.6 80.5 120.7

160 46.8 36.6 54.8



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

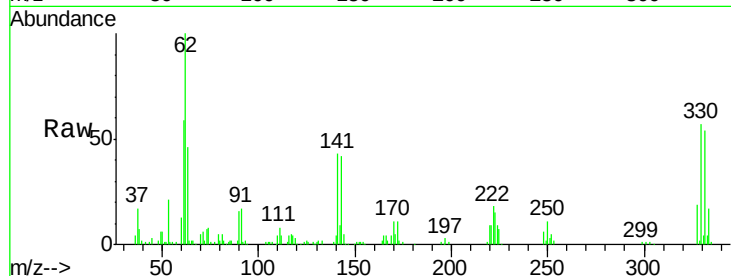




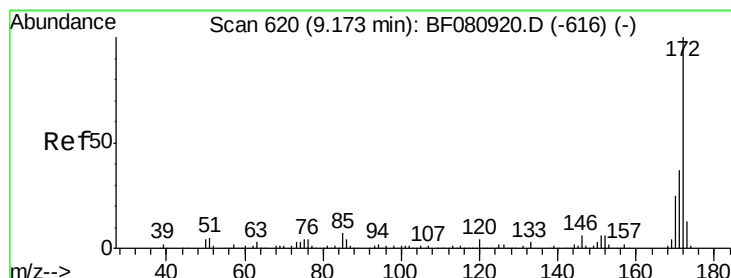
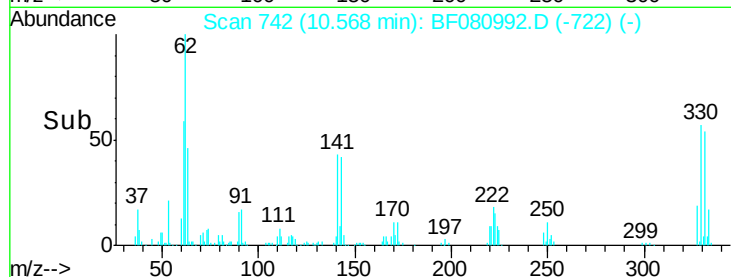
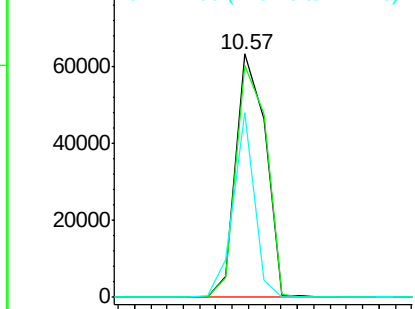
#41
 2,4,6-Tribromophenol
 Concen: 98.33 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.07 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

Instrument :
 BNA_F
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 FK-GF-01-017-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.2	114.4
141	53.6	27.8	41.8#

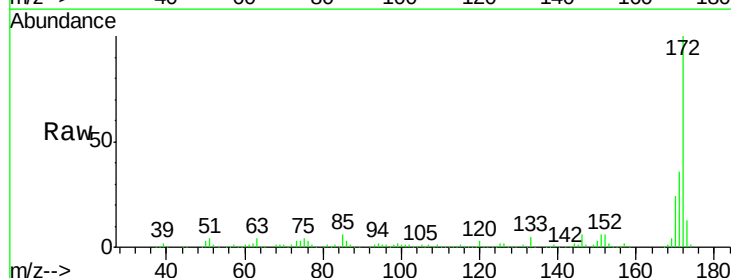


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

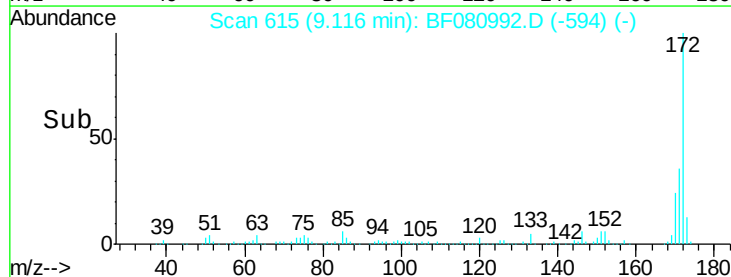
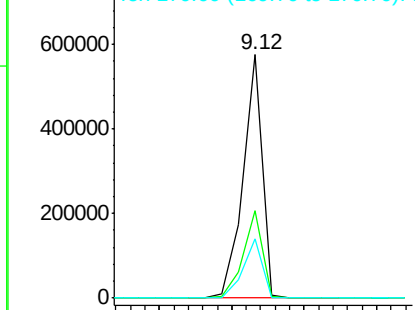


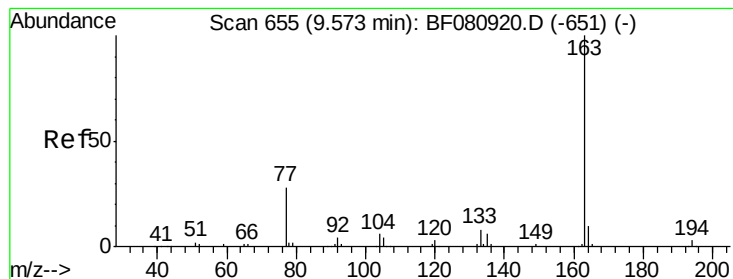
#44
 2-Fluorobiphenyl
 Concen: 100.44 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.4	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





#49

Dimethylphthalate

Concen: 13.41 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.07 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-017-B

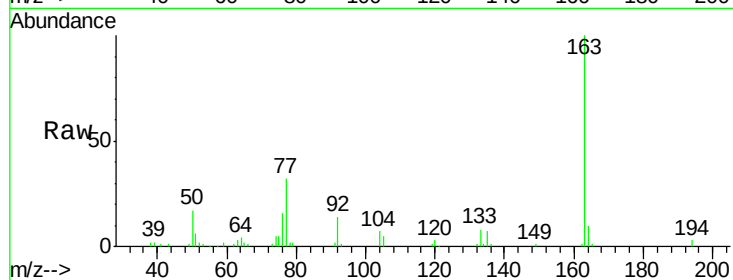
Tot Ion:163 Resp: 82051

Ion Ratio Lower Upper

163 100

194 2.8 2.4 3.6

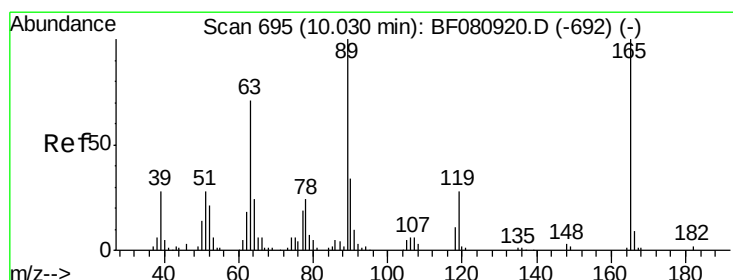
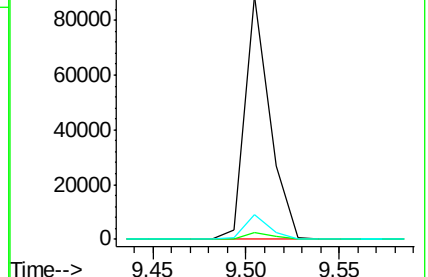
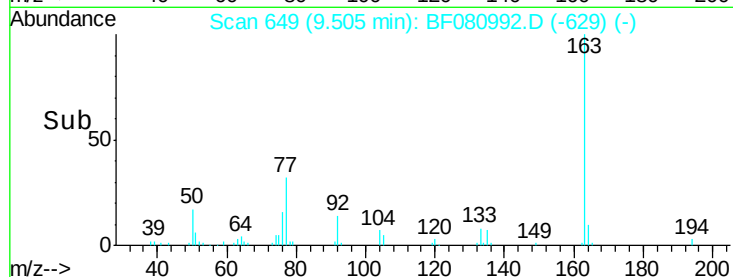
164 10.3 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 5.49 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.25 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Tgt Ion:165 Resp: 9289

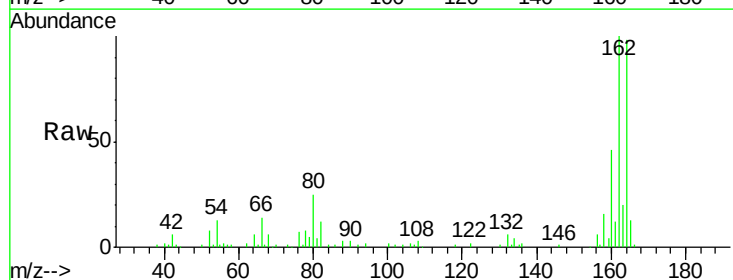
Ion Ratio Lower Upper

165 100

63 0.0 56.7 85.1#

89 0.0 80.4 120.6#

182 0.0 1.5 2.3#

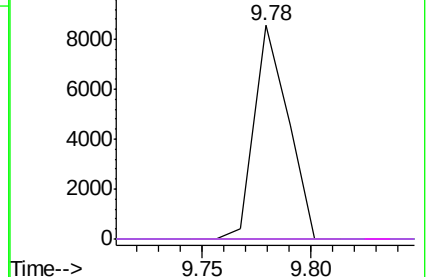
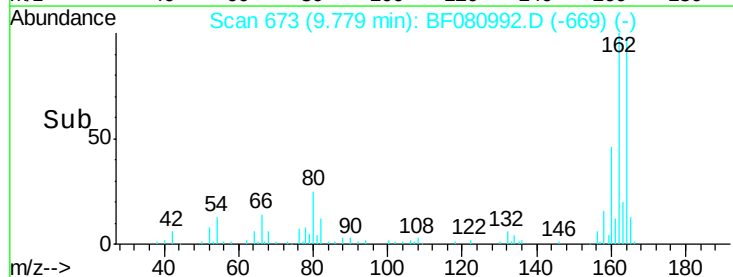


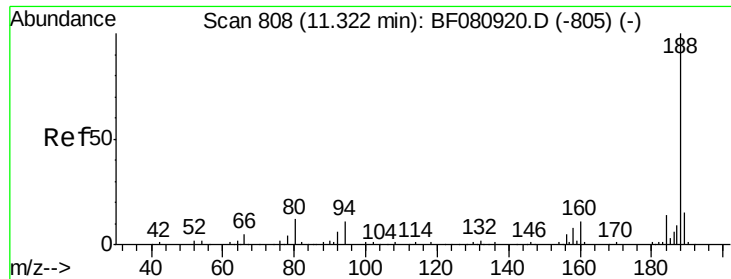
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

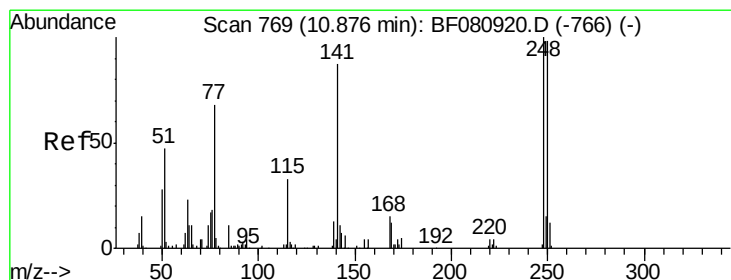
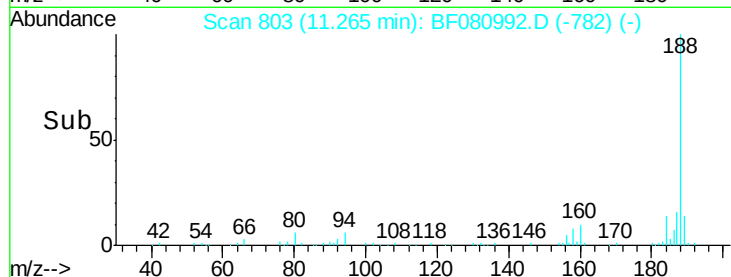
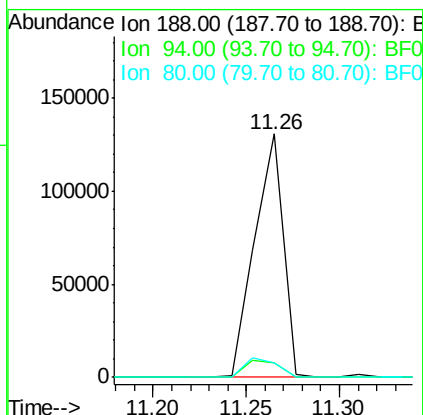
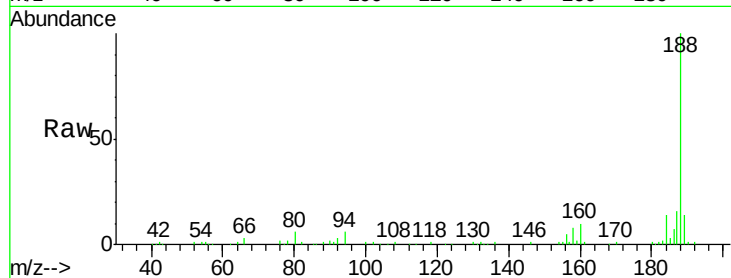




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

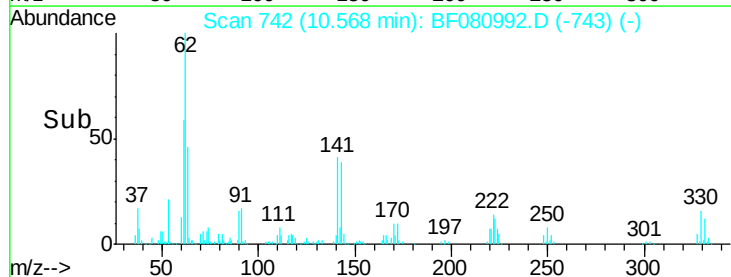
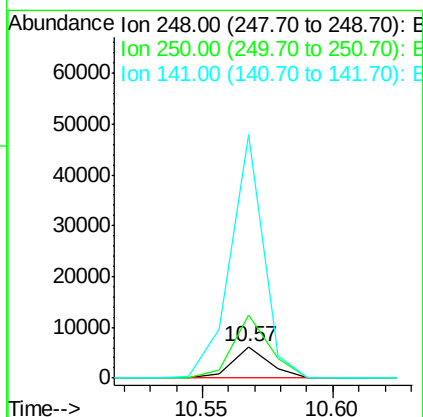
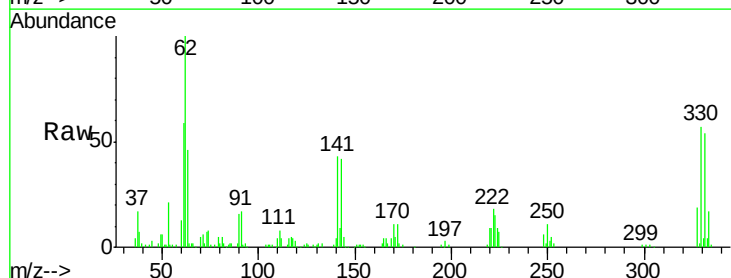
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 ClientSampleId :
 FK-GF-01-017-B

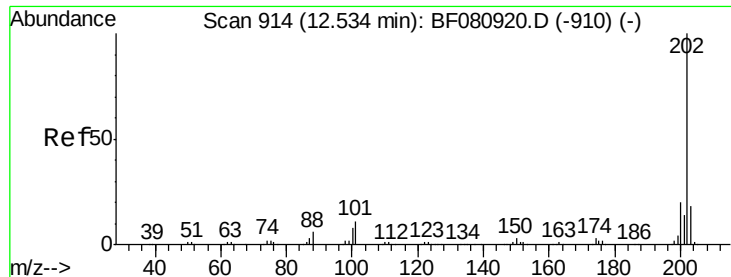
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	8.8	13.2#
80	5.9	9.5	14.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.13 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.31 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.8	78.1	117.1#
141	776.4	69.6	104.4#

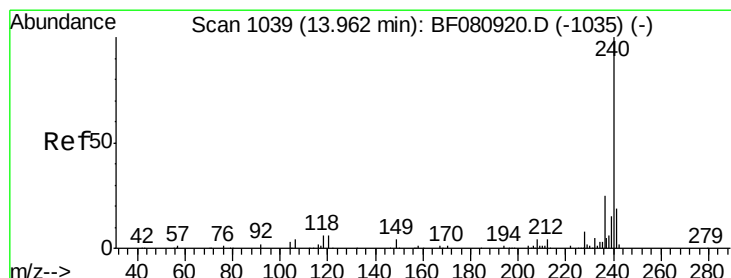
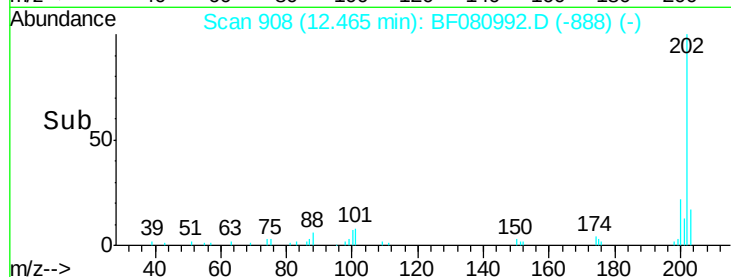
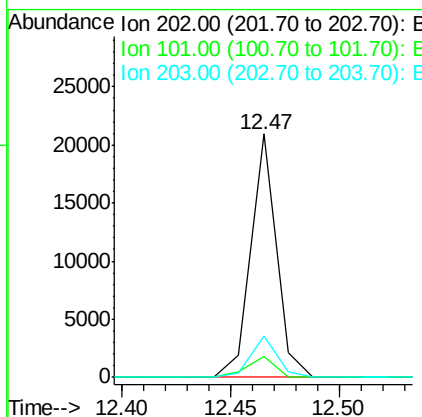
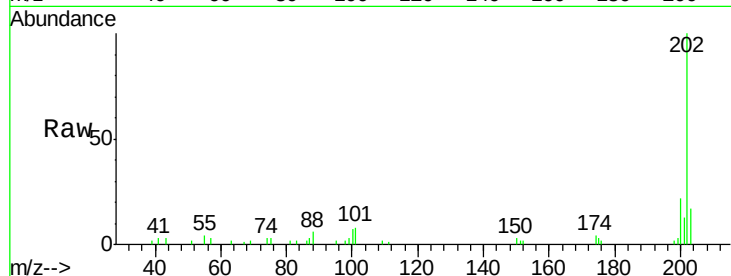




#74
 Fluoranthene
 Concen: 2.03 ng
 RT: 12.47 min Scan# 908
 Delta R.T. -0.07 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

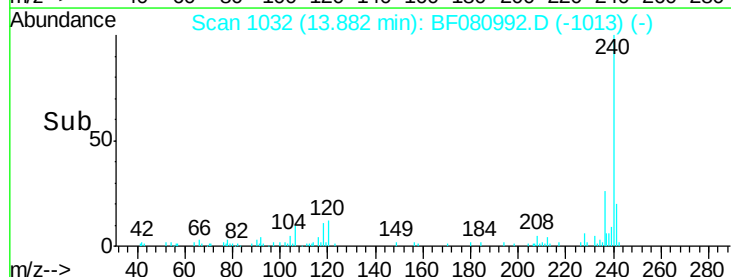
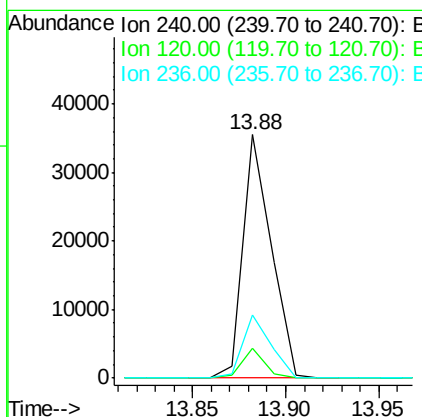
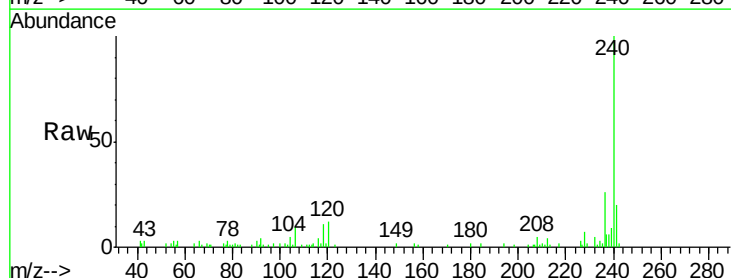
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-017-B

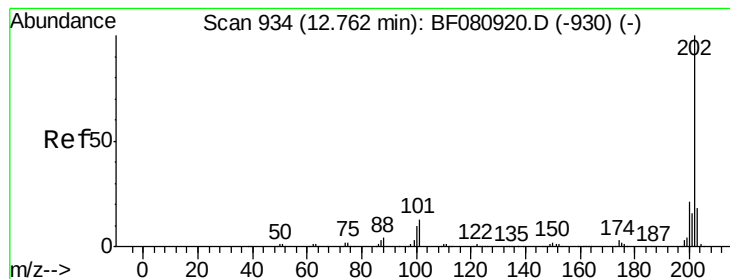
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	30.5
203	17.2	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.08 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.2	7.8#
236	26.1	20.2	30.4





#77

Pvrene

Concen: 3.78 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-017-B

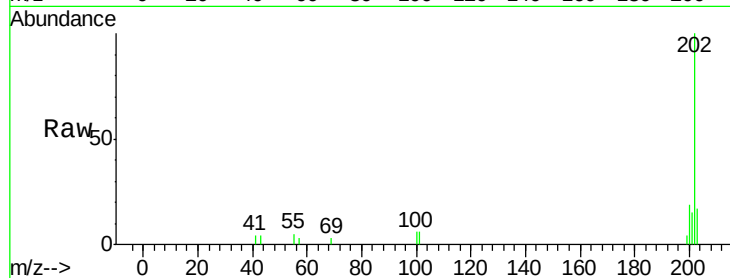
Tot Ion:202 Resp: 10474

Ion Ratio Lower Upper

202 100

200 19.2 16.6 24.8

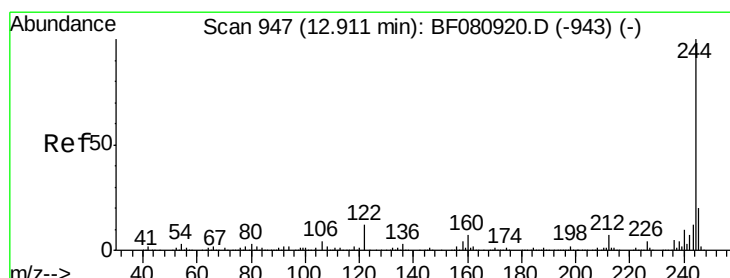
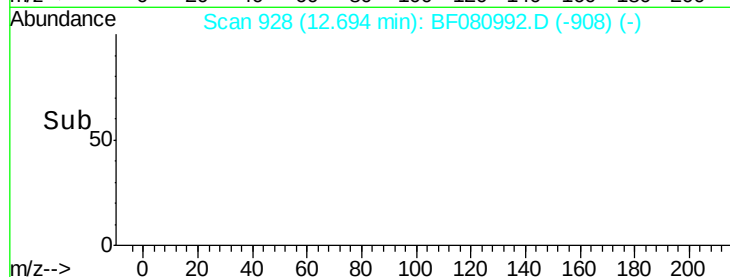
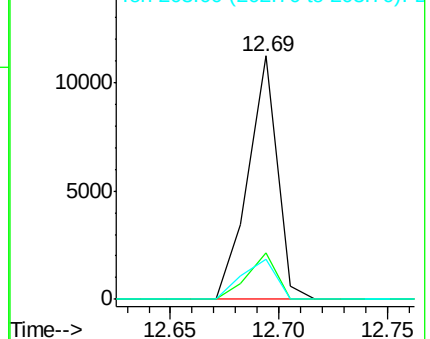
203 16.6 14.2 21.2



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: 85.13 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.07 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

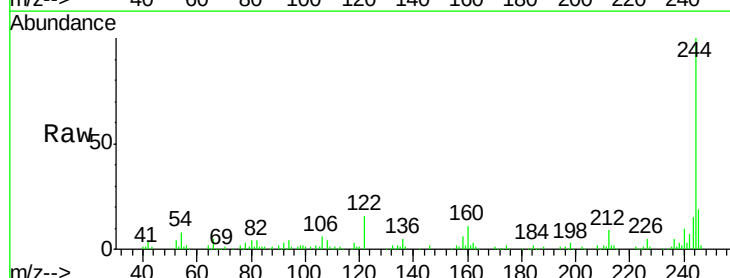
Tgt Ion:244 Resp: 154563

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

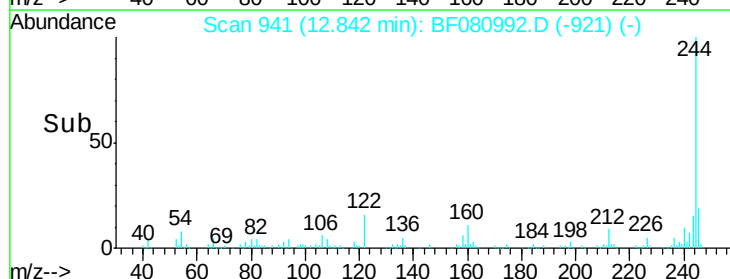
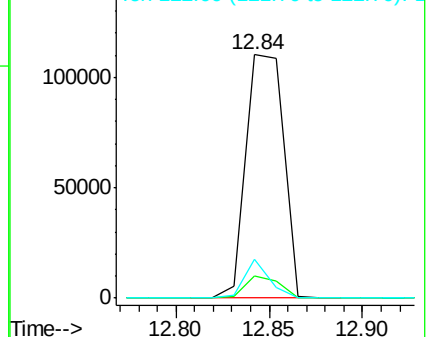
122 16.1 9.4 14.2#

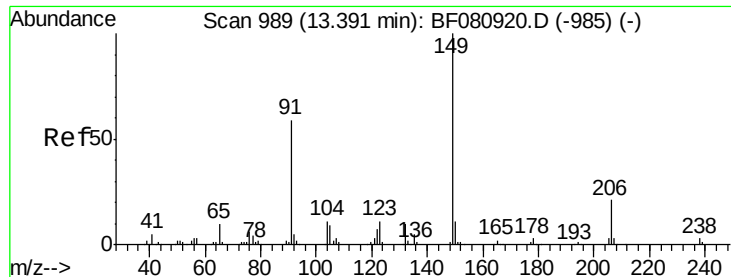


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

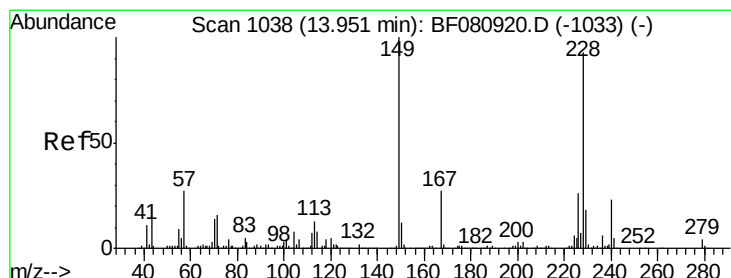
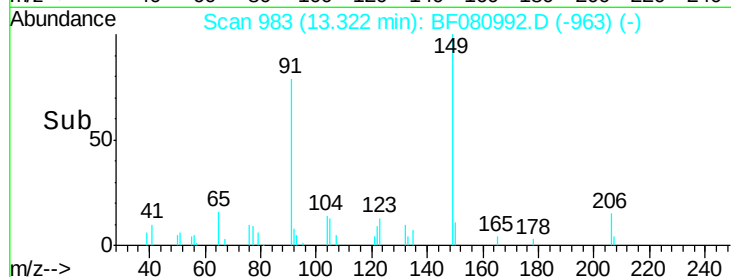
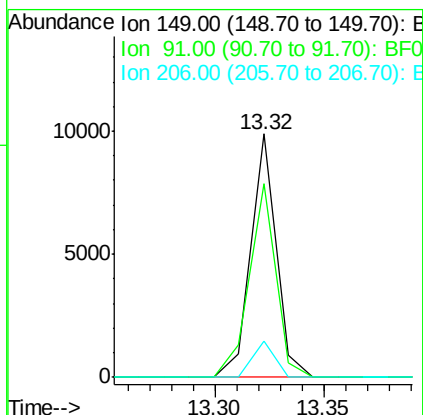
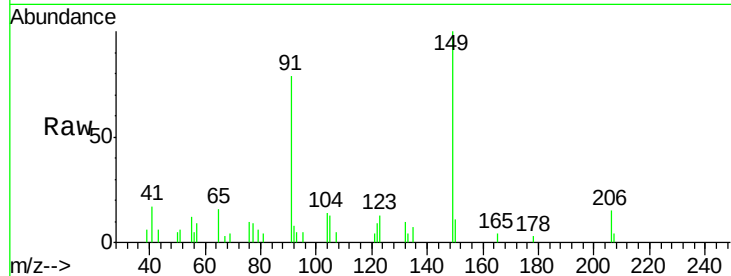




#79
Butylbenzylphthalate
Concen: 6.02 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.07 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

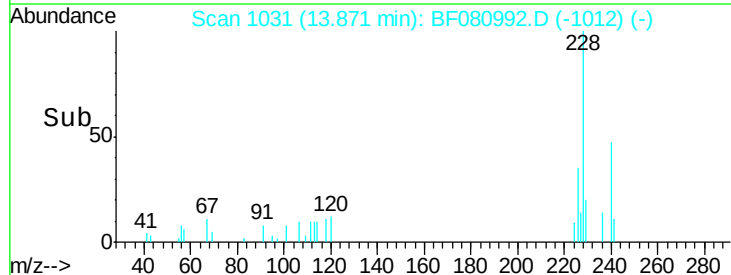
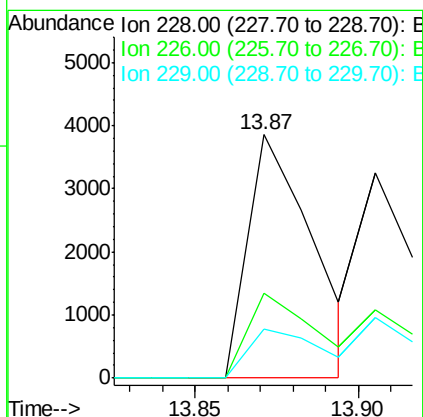
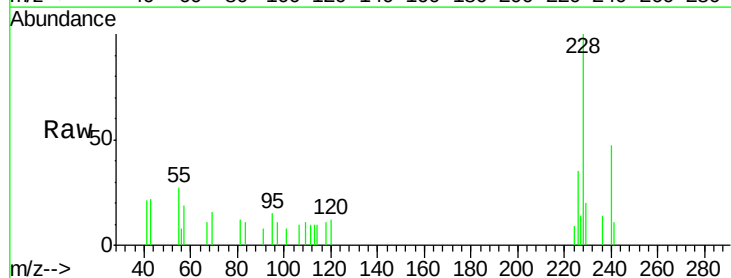
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-B

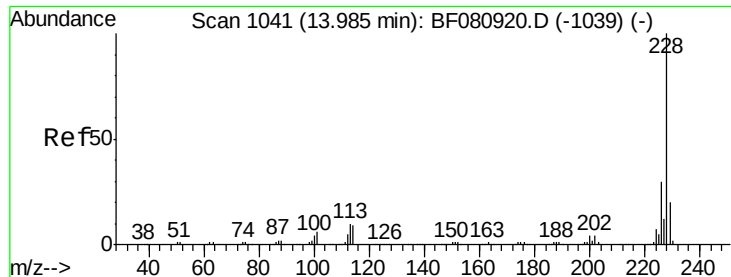
Tot Ion:149 Resp: 8037
Ion Ratio Lower Upper
149 100
91 79.4 47.2 70.8#
206 15.0 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 2.23 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Tgt Ion:228 Resp: 5284
Ion Ratio Lower Upper
228 100
226 34.8 22.2 33.2#
229 20.1 15.8 23.6





#82

Chrysene

Concen: 2.33 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.11 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-017-B

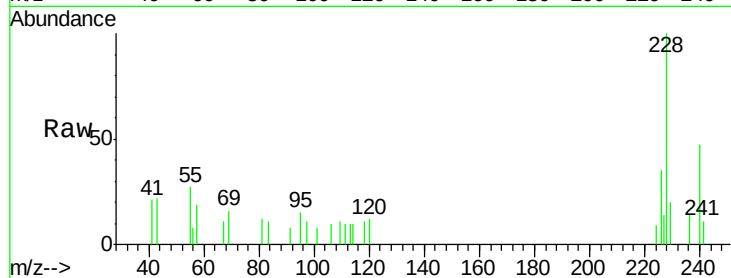
Tot Ion:228 Resp: 5284

Ion Ratio Lower Upper

228 100

226 34.8 23.9 35.9

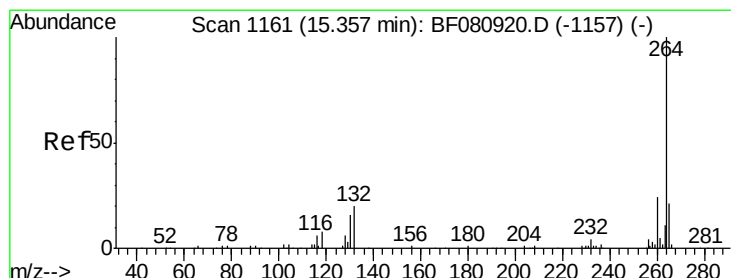
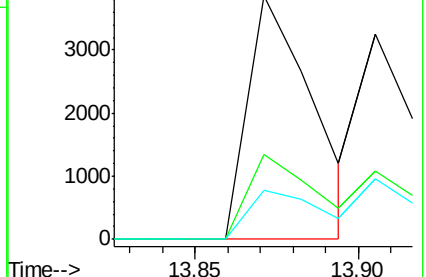
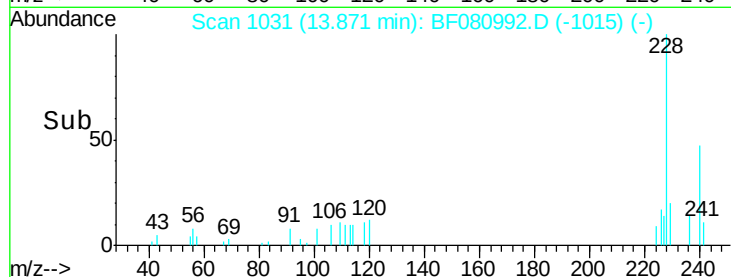
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. -0.08 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

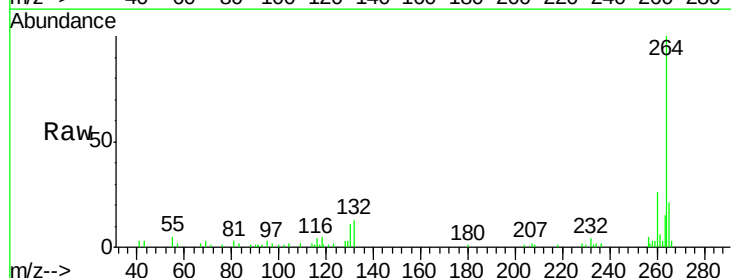
Tgt Ion:264 Resp: 35738

Ion Ratio Lower Upper

264 100

260 26.4 19.4 29.0

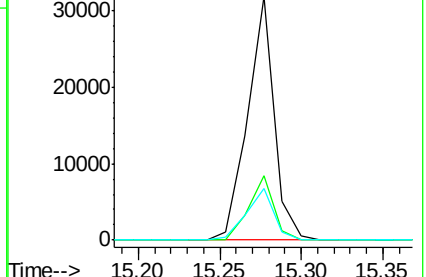
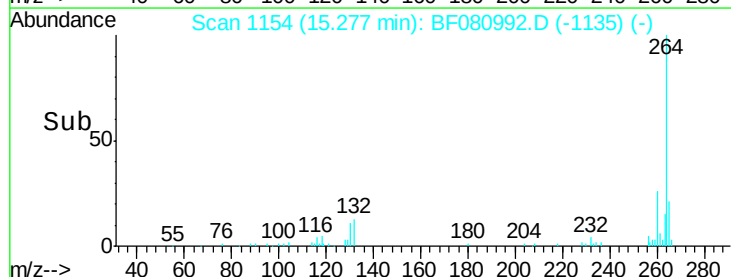
265 21.5 17.0 25.4

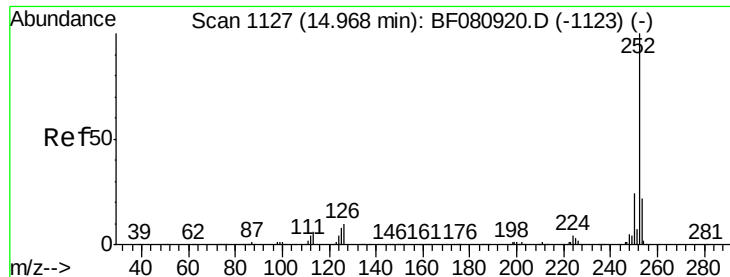


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

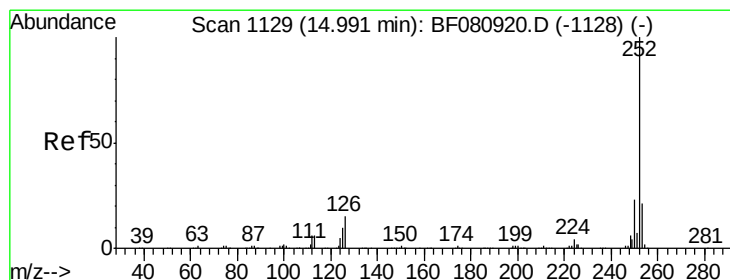
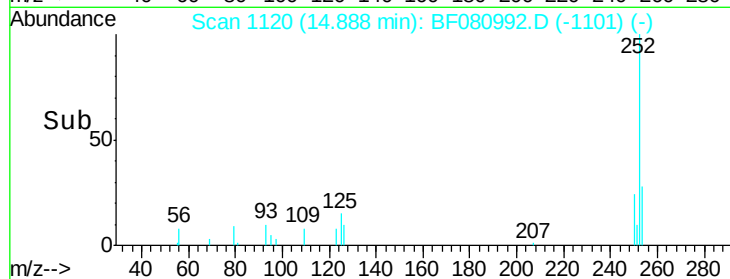
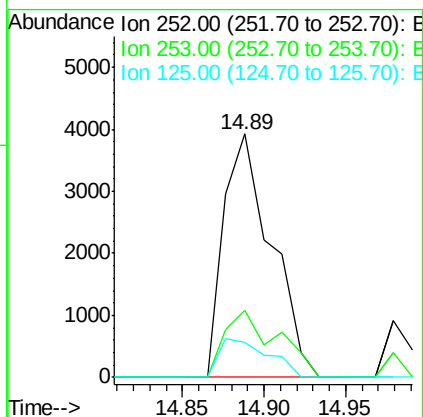
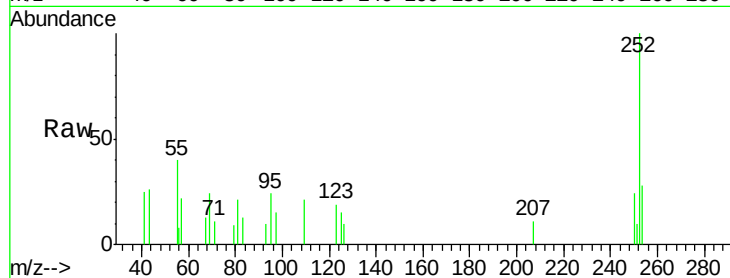




#87
Benzo(b)fluoranthene
Concen: 3.17 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.08 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-B

Tot Ion:252 Resp: 7877
Ion Ratio Lower Upper
252 100
253 27.6 17.6 26.4#
125 14.6 6.1 9.1#



#88
Benzo(k)fluoranthene
Concen: 3.62 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.10 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Tgt Ion:252 Resp: 7877
Ion Ratio Lower Upper
252 100
253 27.6 17.4 26.2#
125 14.6 9.0 13.6#

