

Data File : BF096910.D
Acq On : 20 Jul 2017 17:19
Operator : SJ/JU
Sample : I4282-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-A

Quant Time: Jul 21 03:25:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	108661	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	471589	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	183550	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	347524	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	204170	20.00	ng	-0.04
86) Perylene-d12	15.07	264	191883	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	763620	105.66	ng	-0.02
7) Phenol-d6	6.22	99	1036308	119.50	ng	-0.03
23) Nitrobenzene-d5	7.13	82	594615	78.10	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	203308	129.76	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	893584	76.92	ng	-0.04
78) Terphenyl-d14	12.66	244	709226	60.24	ng	-0.03
Target Compounds						
10) Phenol	6.23	94	43750	4.46	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.13	70	80236	15.36	ng	# 89
25) Isophorone	7.13	82	557784	39.38	ng	# 67
49) Dimethylphthalate	9.32	163	130810	9.46	ng	99
56) 2,4-Dinitrotoluene	9.60	165	23244	6.04	ng	# 33
66) 4-Bromophenyl-phenylether	10.39	248	12939	3.65	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.33	276	5453	3.78	ng	# 86

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

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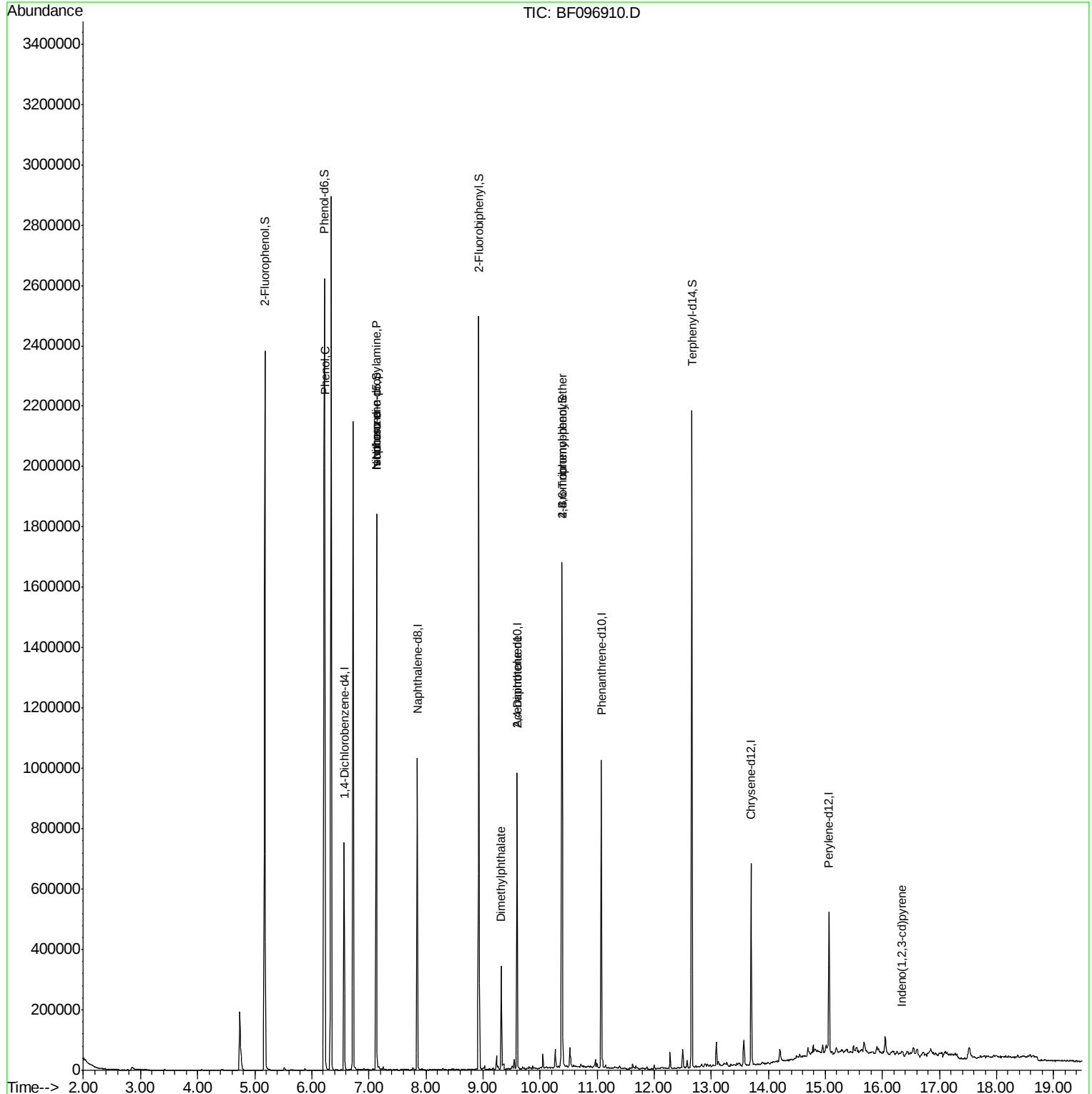
Quant Time: Jul 21 03:25:55 2017

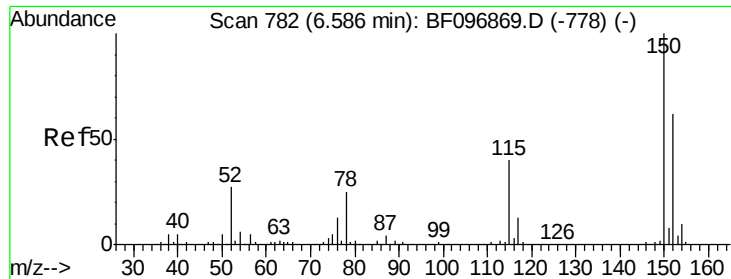
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 779

Delta R.T. -0.03 min

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ClientSampleId :

FK-GF-02-007-A

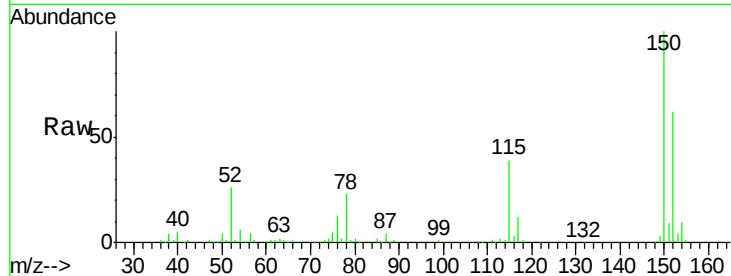
Tgt Ion:152 Resp: 108661

Ion Ratio Lower Upper

152 100

150 160.1 126.2 189.2

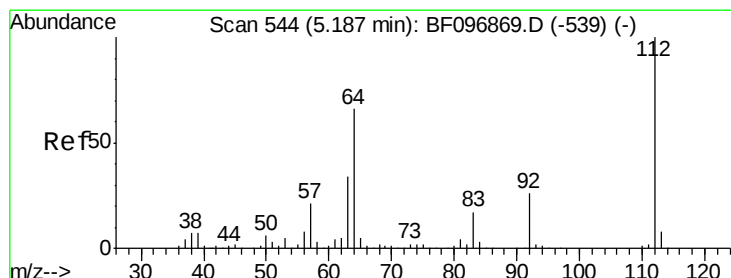
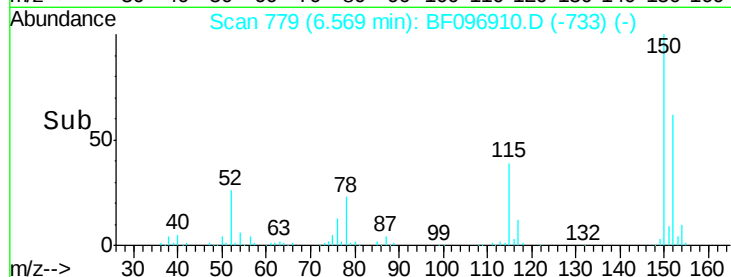
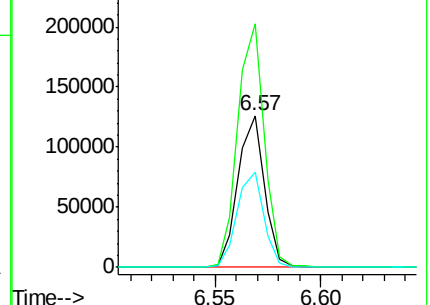
115 62.5 52.2 78.2



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: 105.66 ng

RT: 5.18 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF096910.D

Acq: 20 Jul 2017 17:19

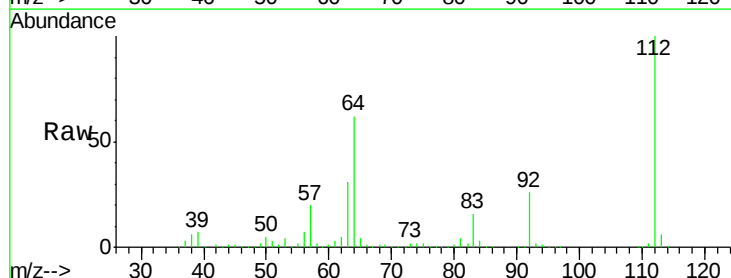
Tgt Ion:112 Resp: 763620

Ion Ratio Lower Upper

112 100

64 62.1 46.0 69.0

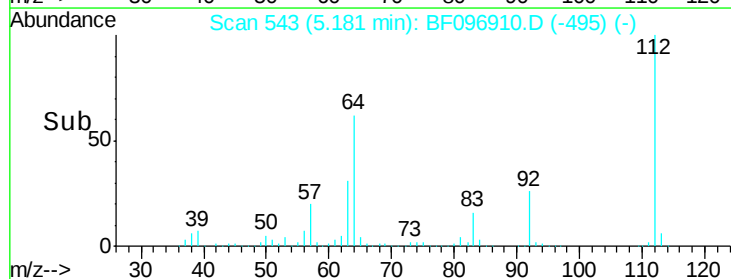
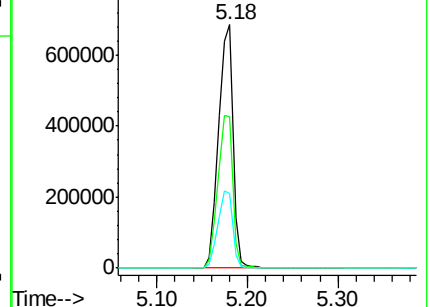
63 30.9 23.4 35.0

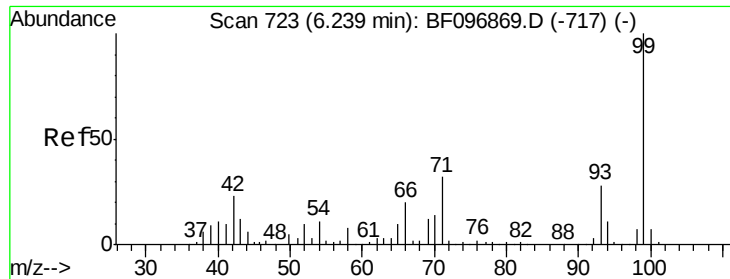


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.50 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096910.D

Acq: 20 Jul 2017 17:19

Instrument :

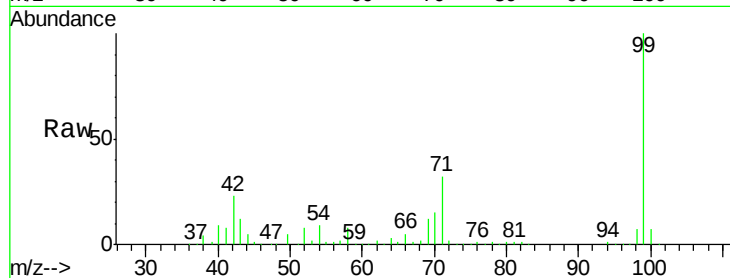
BNA_F

ClientSampleId :

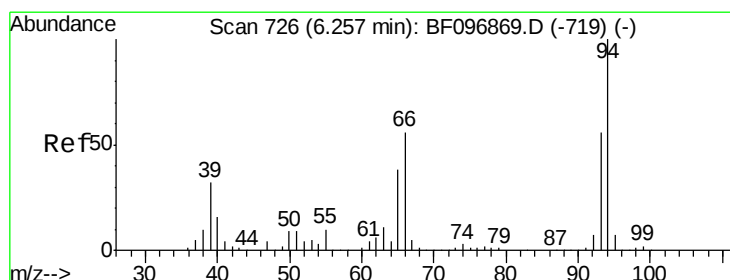
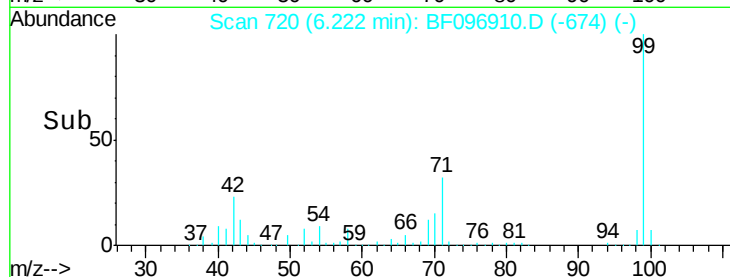
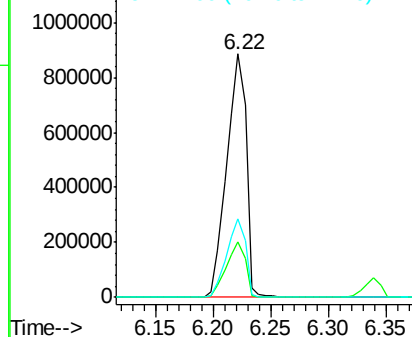
FK-GF-02-007-A

Tgt Ion: 99 Resp: 1036308

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.3	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: 4.46 ng

RT: 6.23 min Scan# 722

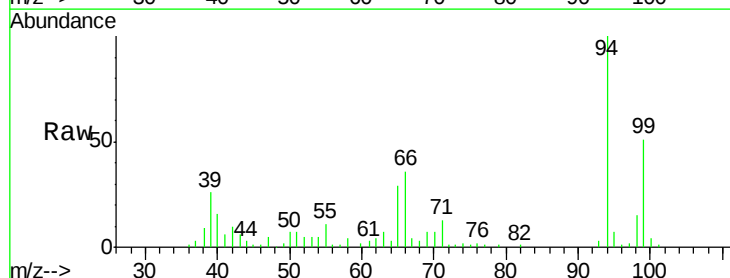
Delta R.T. -0.04 min

Lab File: BF096910.D

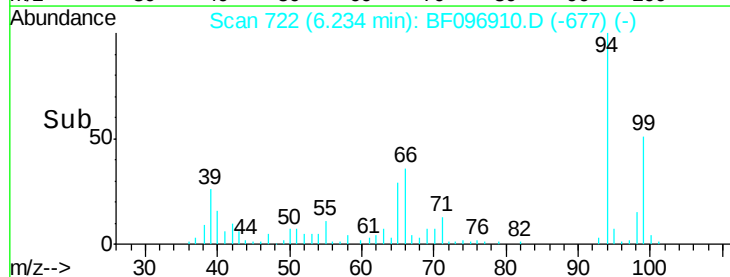
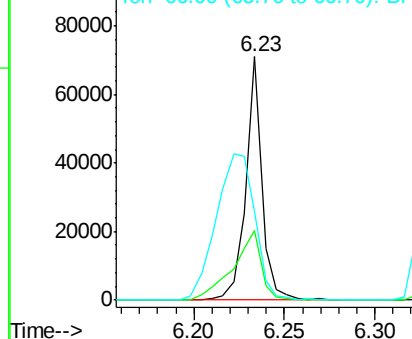
Acq: 20 Jul 2017 17:19

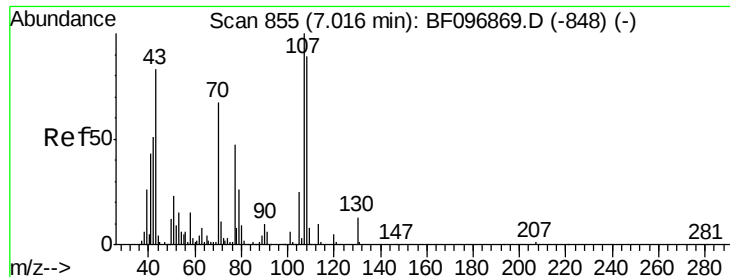
Tgt Ion: 94 Resp: 43750

Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.9	49.9
66	36.4	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

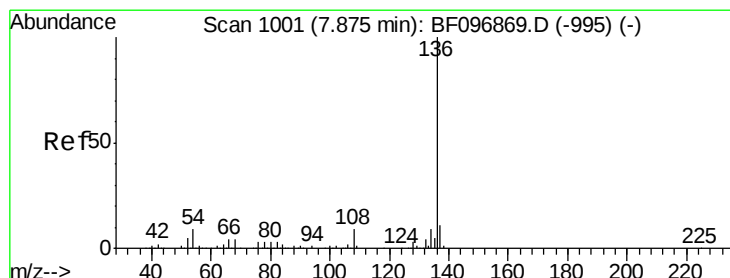
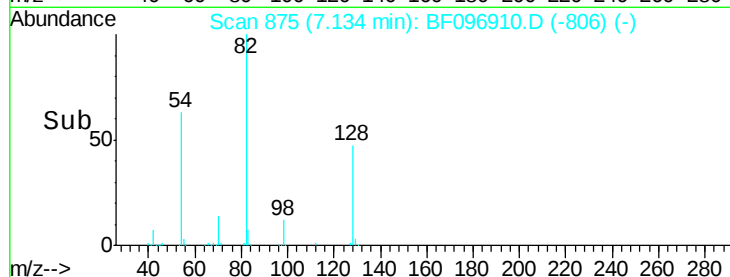
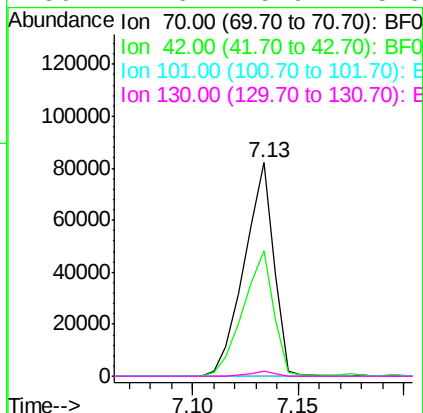
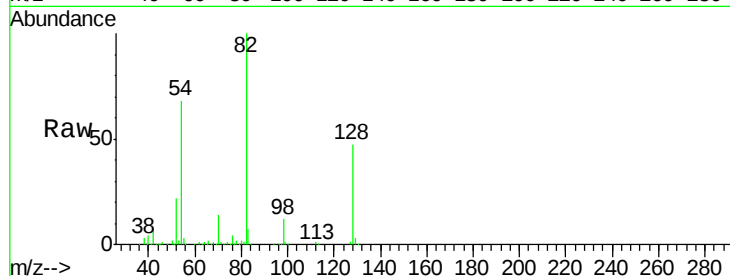




#19
n-Nitroso-di-n-propylamine
Concen: 15.36 ng
RT: 7.13 min Scan# 875
Delta R.T. 0.11 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

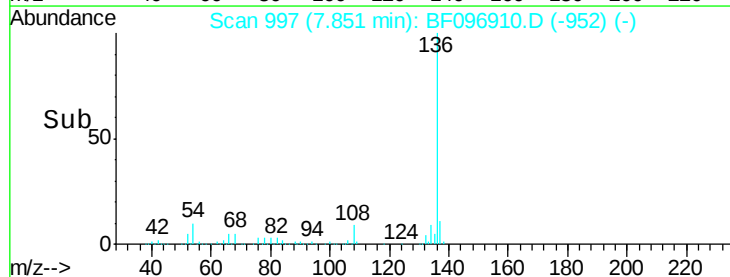
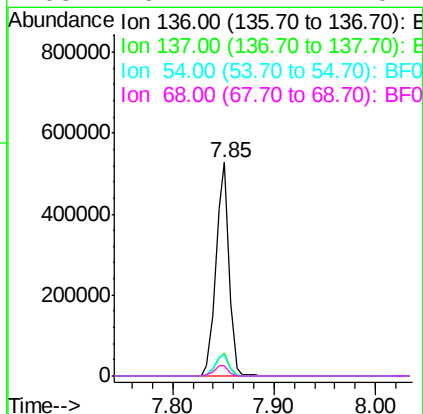
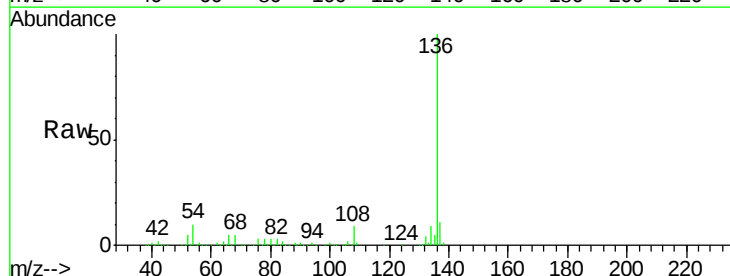
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-A

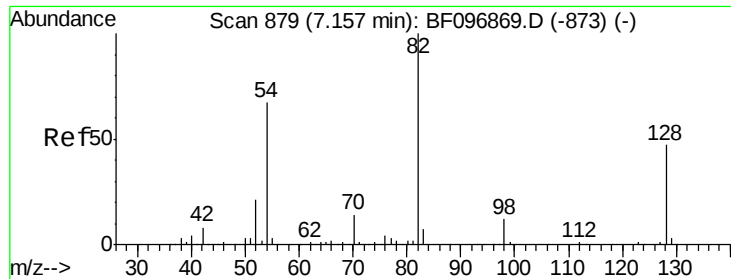
Tgt Ion:	70	Resp:	80236
Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

Tgt Ion:	136	Resp:	471589
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.6	4.9	7.3#
68	5.1	4.1	6.1

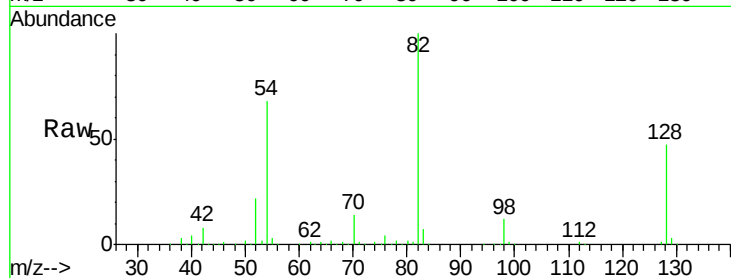




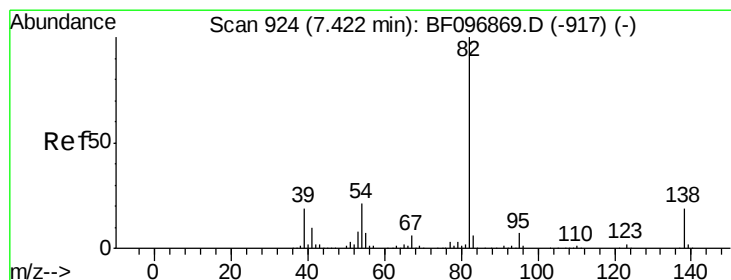
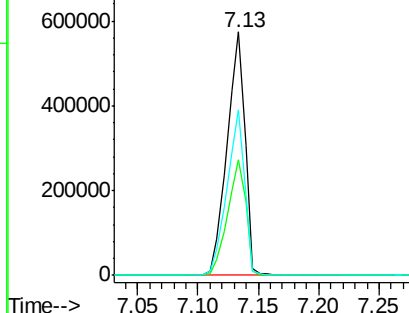
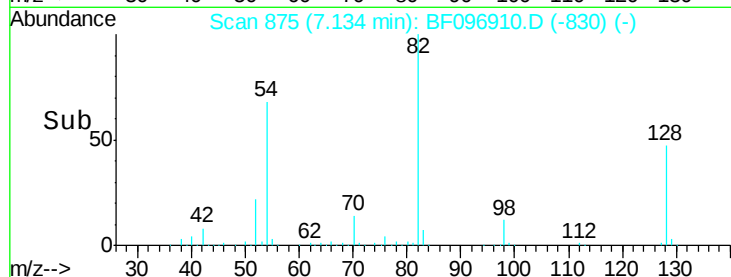
#23
 Nitrobenzene-d5
 Concen: 78.10 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-007-A

Tgt Ion: 82 Resp: 594615
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 68.1 42.2 63.2#

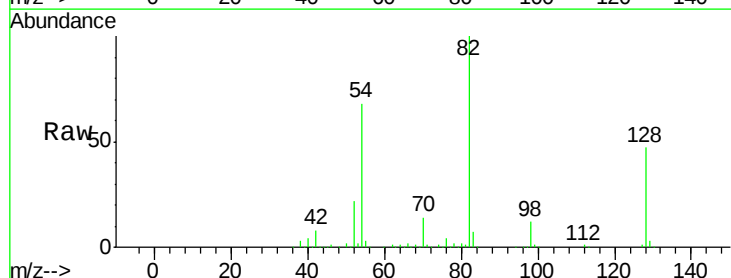


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

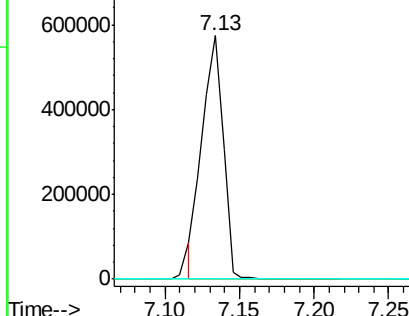
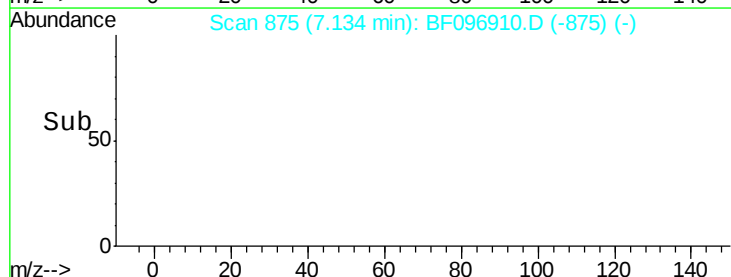


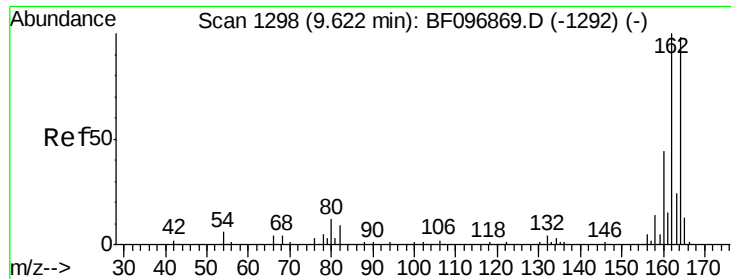
#25
 Isophorone
 Concen: 39.38 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.30 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

Tgt Ion: 82 Resp: 557784
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#



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: 9.60 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096910.D

Acq: 20 Jul 2017 17:19

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-007-A

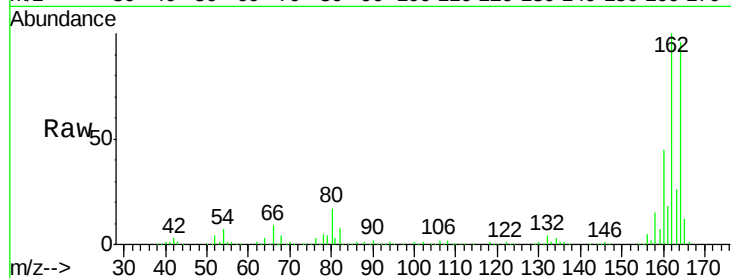
Tgt Ion:164 Resp: 183550

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

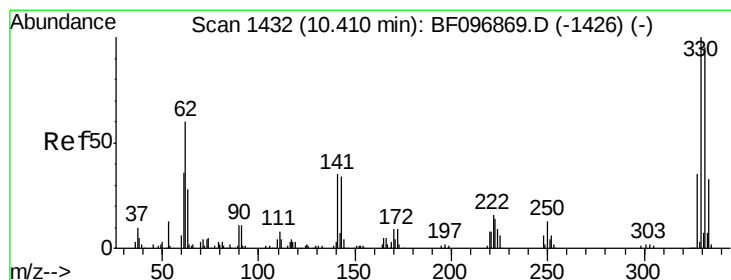
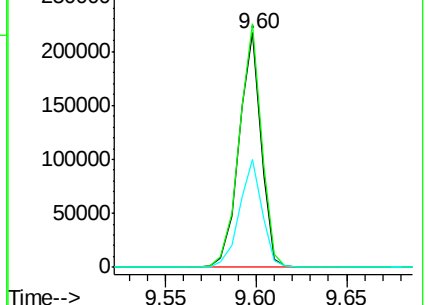
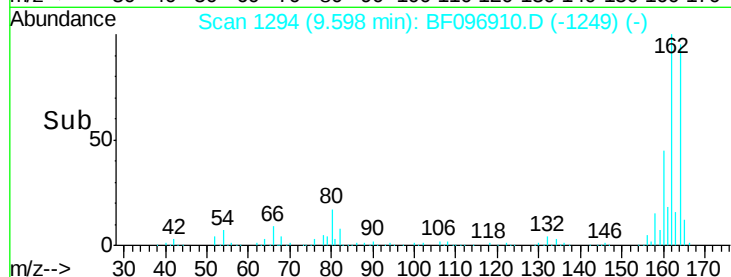
160 46.4 36.2 54.2



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: 129.76 ng

RT: 10.39 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096910.D

Acq: 20 Jul 2017 17:19

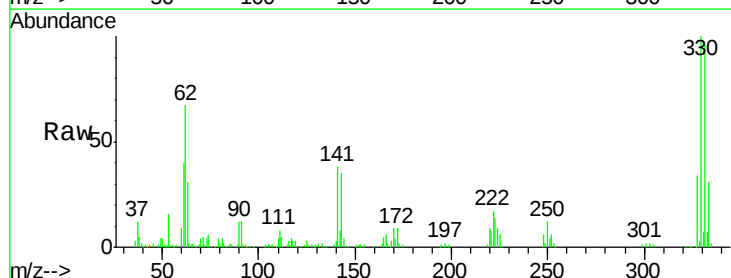
Tgt Ion:330 Resp: 203308

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

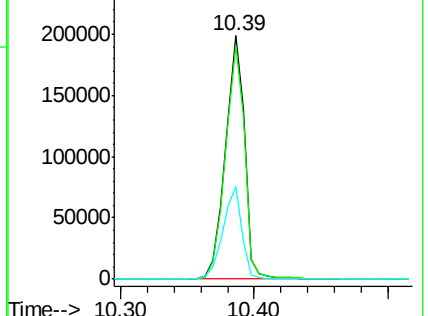
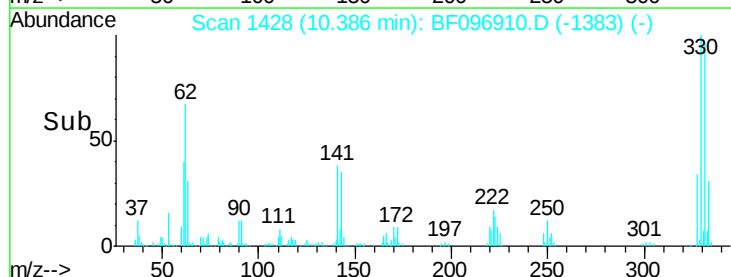
141 37.6 31.4 47.2

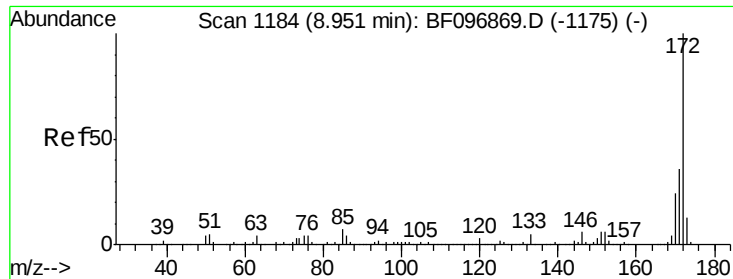


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

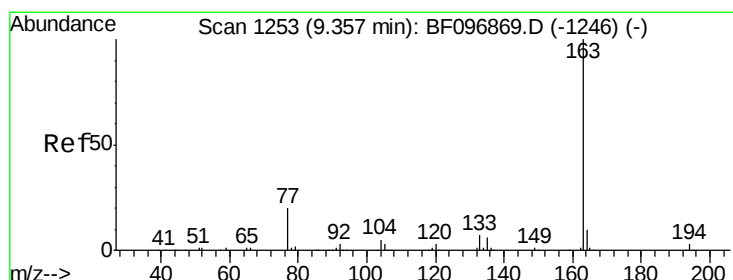
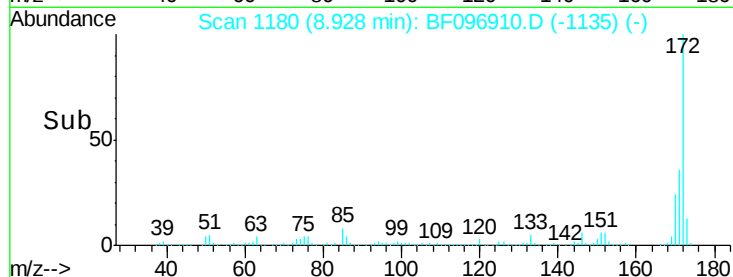
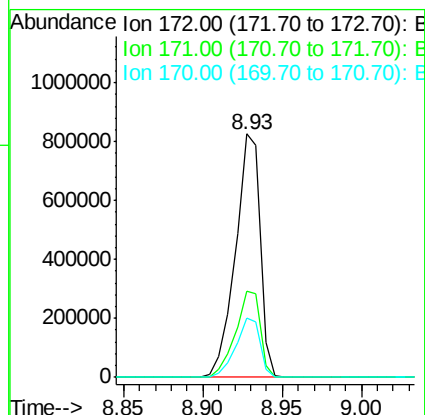
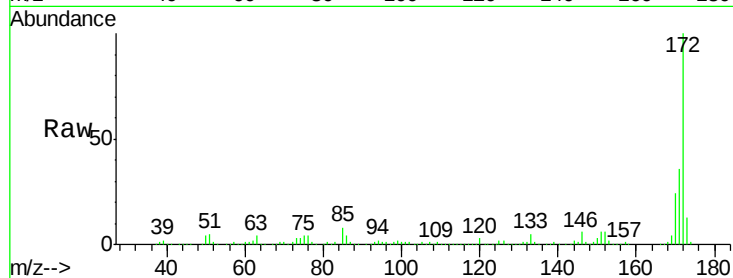




#44
 2-Fluorobiphenyl
 Concen: 76.92 ng
 RT: 8.93 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

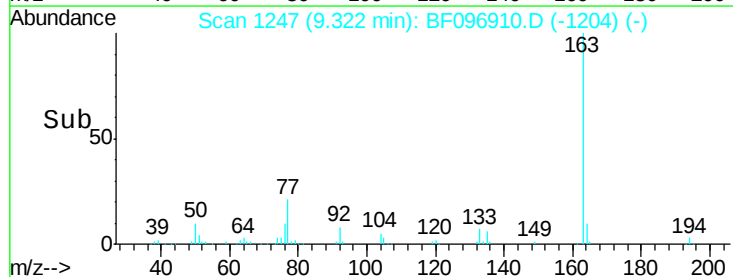
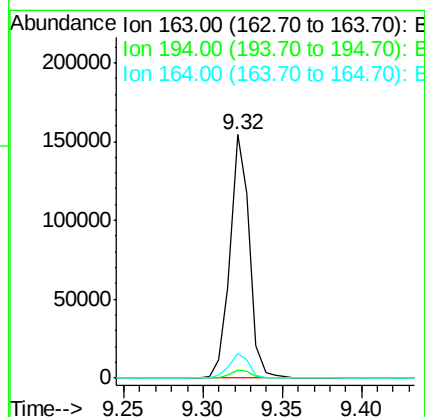
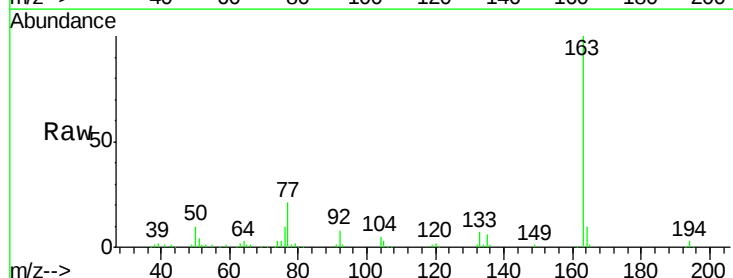
Instrument :
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Tgt Ion:172 Resp: 893584
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 9.46 ng
 RT: 9.32 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

Tgt Ion:163 Resp: 130810
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.1 8.4 12.6

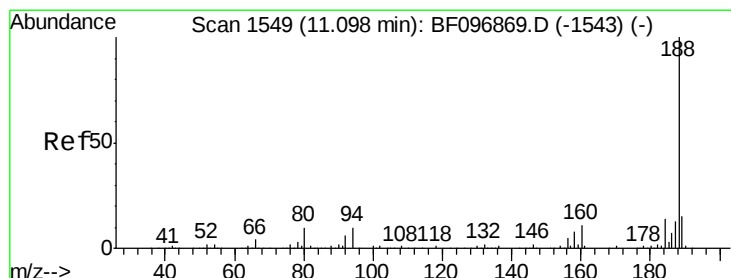
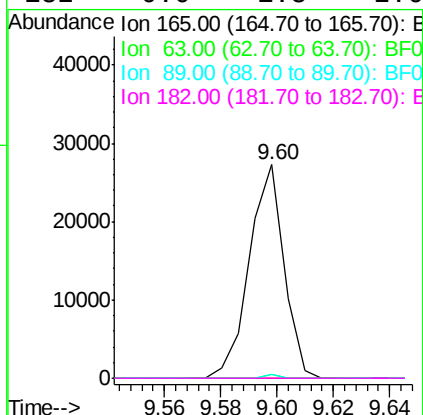
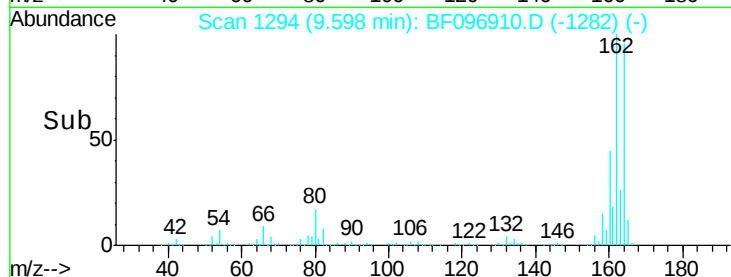
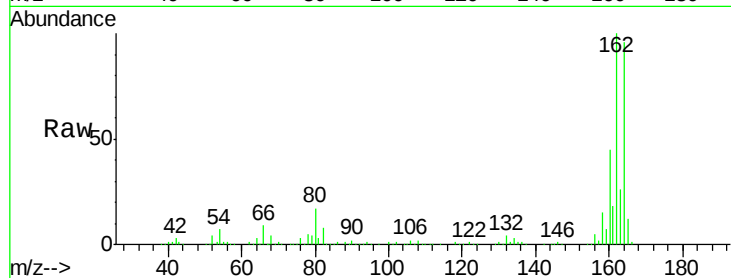




#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

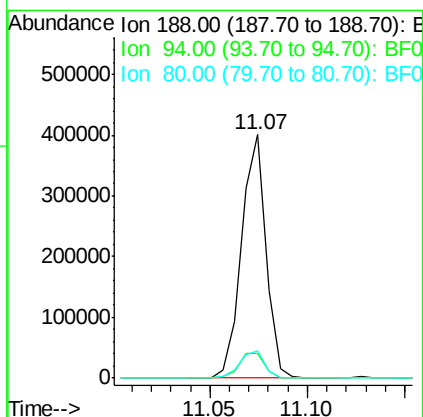
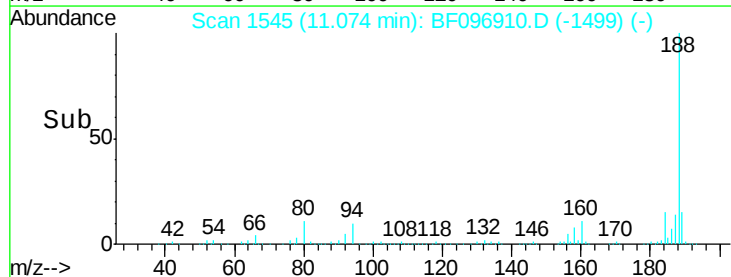
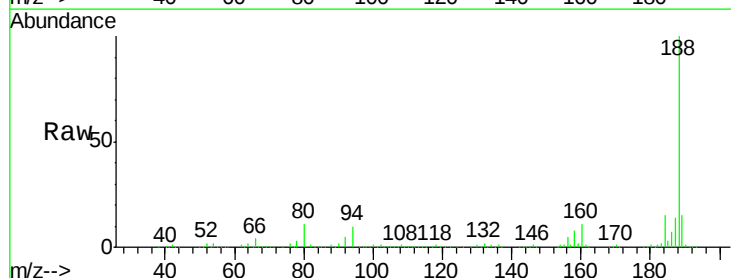
Instrument :
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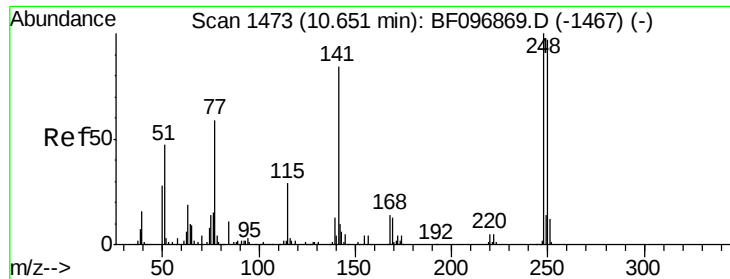
Tgt Ion:165 Resp: 23244
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.8 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 1545
 Delta R.T. -0.03 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

Tgt Ion:188 Resp: 347524
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.1 10.2 15.2

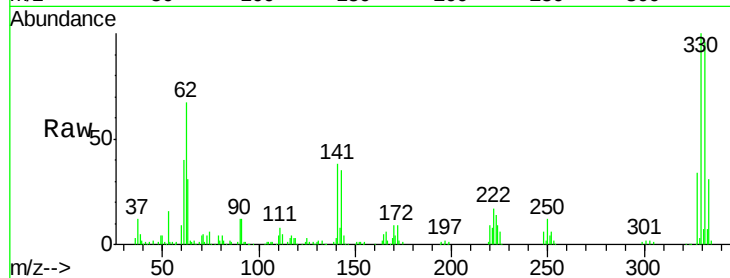




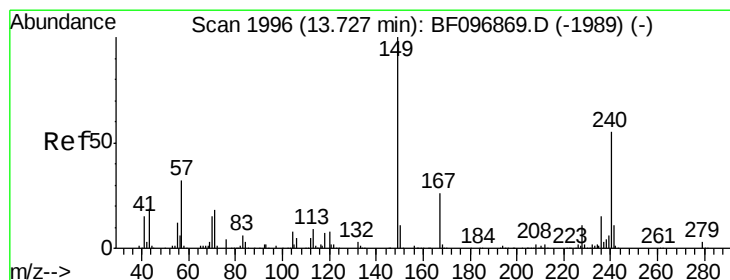
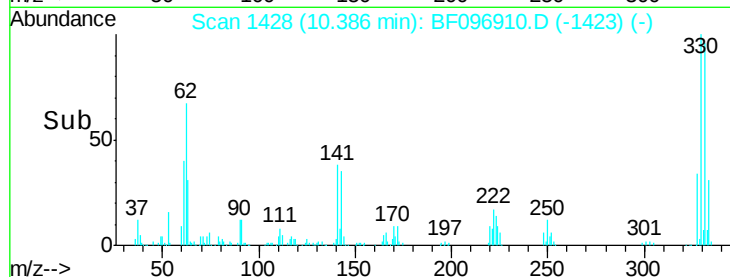
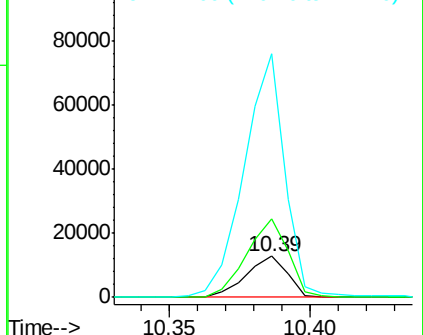
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.27 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-007-A

Tgt Ion:248 Resp: 12939
 Ion Ratio Lower Upper
 248 100
 250 189.6 76.8 115.2#
 141 590.4 68.6 103.0#

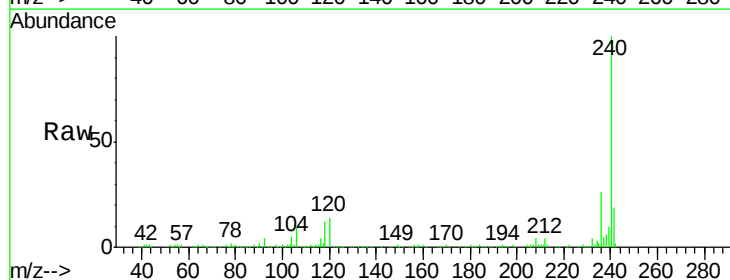


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

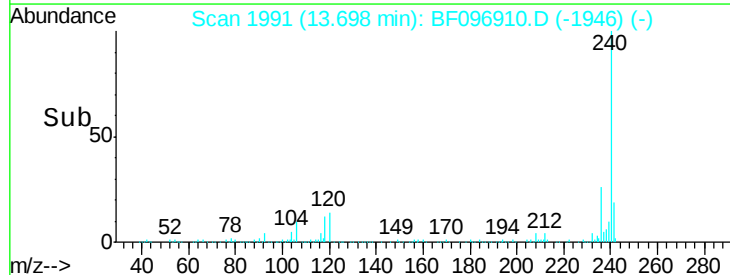
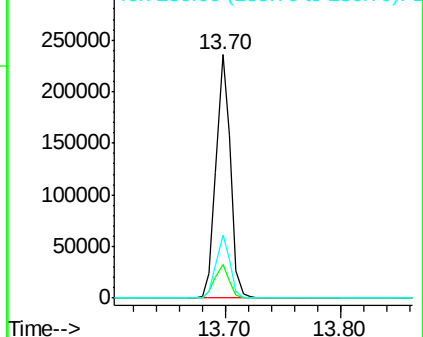


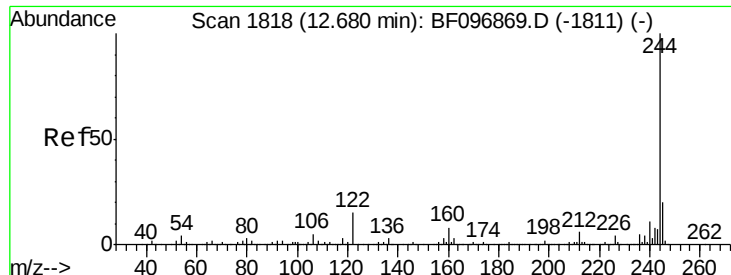
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1991
 Delta R.T. -0.04 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

Tgt Ion:240 Resp: 204170
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 25.8 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





#78

Terphenyl-d14

Concen: 60.24 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096910.D

Acq: 20 Jul 2017 17:19

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-007-A

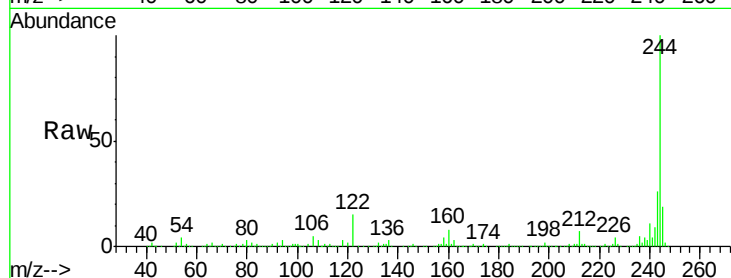
Tgt Ion:244 Resp: 709226

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 14.7 10.3 15.5



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

12.66

800000

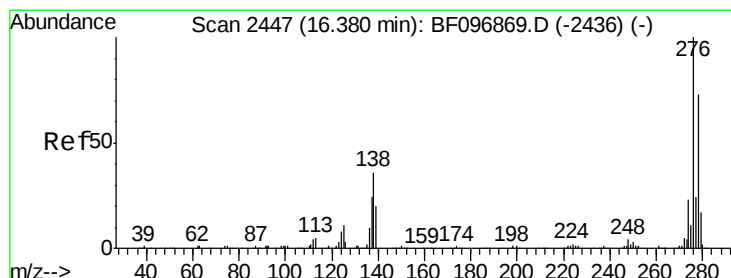
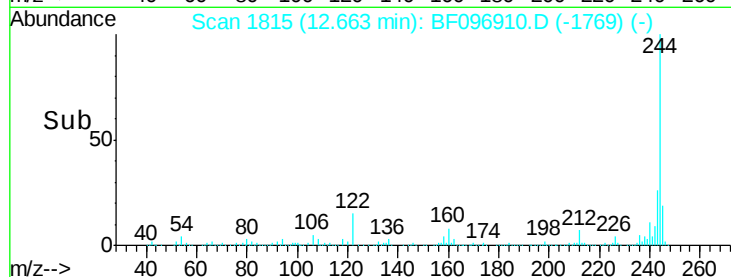
600000

400000

200000

0

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.78 ng

RT: 16.33 min Scan# 2439

Delta R.T. -0.06 min

Lab File: BF096910.D

Acq: 20 Jul 2017 17:19

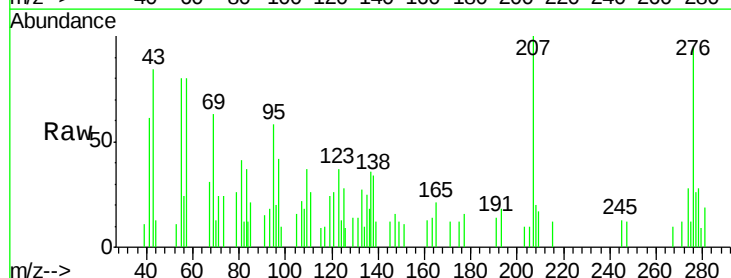
Tgt Ion:276 Resp: 5453

Ion Ratio Lower Upper

276 100

138 46.8 27.8 41.6#

277 28.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

16.33

4000

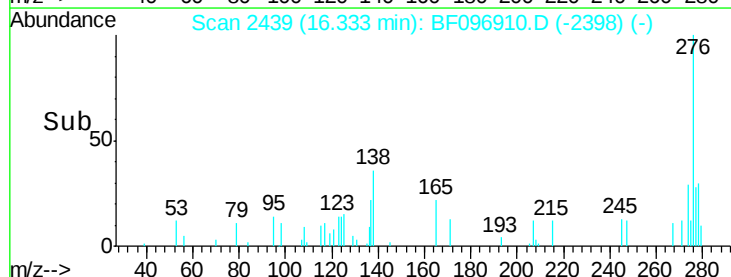
3000

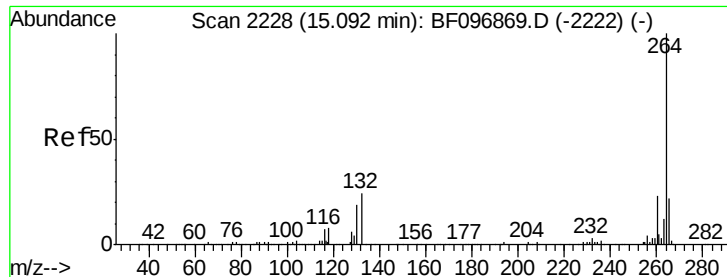
2000

1000

0

Time-->

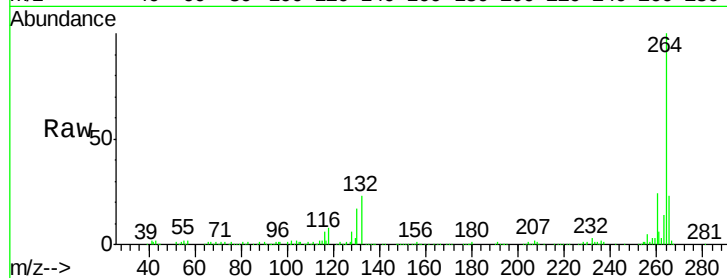




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.6	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

