

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
 Data File : BF077355.D
 Acq On : 18 Feb 2015 16:40
 Operator : TP/IZ
 Sample : G1300-03
 Misc : S
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-005-B

Quant Time: Feb 18 17:31:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 09:51:00 2015
 Response via : Initial Calibration

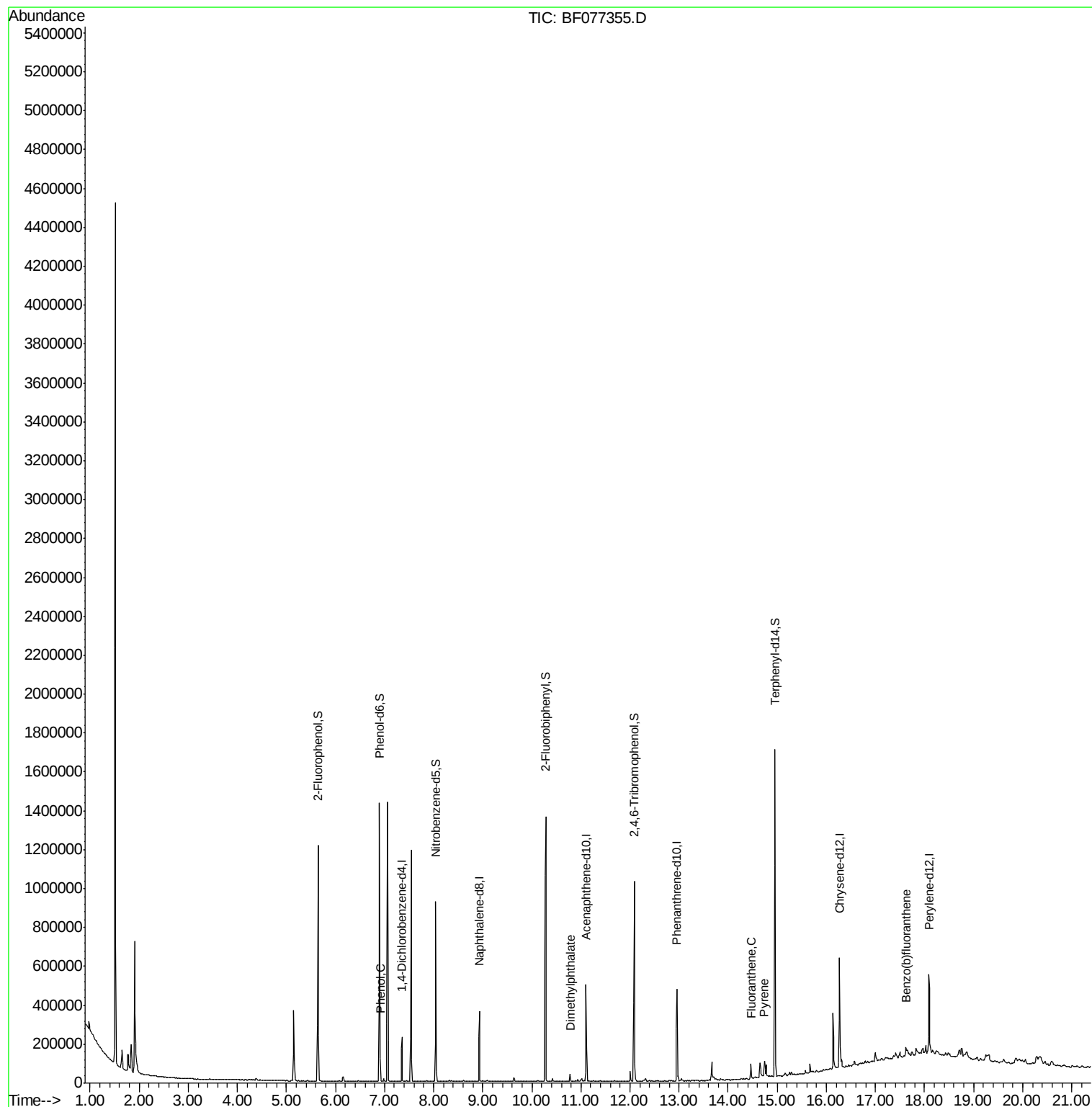
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	46537	20.00	ng	-0.02
21) Naphthalene-d8	8.93	136	205102	20.00	ng	-0.02
38) Acenaphthene-d10	11.11	164	103481	20.00	ng	-0.03
63) Phenanthrene-d10	12.96	188	213701	20.00	ng	-0.02
75) Chrysene-d12	16.27	240	207854	20.00	ng	0.00
86) Perylene-d12	18.09	264	214291	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	352098	129.30	ng	-0.02
7) Phenol-d6	6.90	99	487025	136.91	ng	-0.02
23) Nitrobenzene-d5	8.04	82	272200	91.91	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	128950	133.74	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	586163	85.39	ng	-0.02
78) Terphenyl-d14	14.96	244	676678	74.01	ng	-0.02
Target Compounds						
10) Phenol	6.91	94	17103	4.14	ng	Qvalue 97
49) Dimethylphthalate	10.79	163	21783	3.06	ng	# 98
74) Fluoranthene	14.47	202	39105	3.12	ng	97
77) Pyrene	14.74	202	35127	2.73	ng	98
87) Benzo(b)fluoranthene	17.62	252	30432m	2.21	ng	

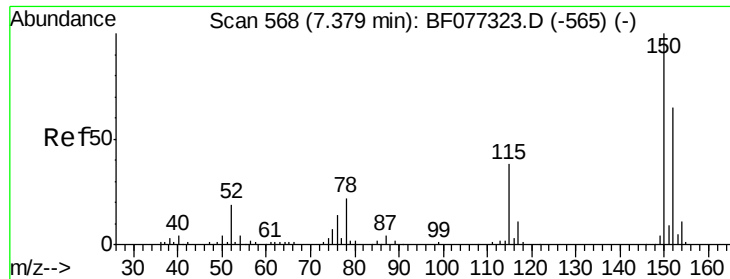
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-005-B

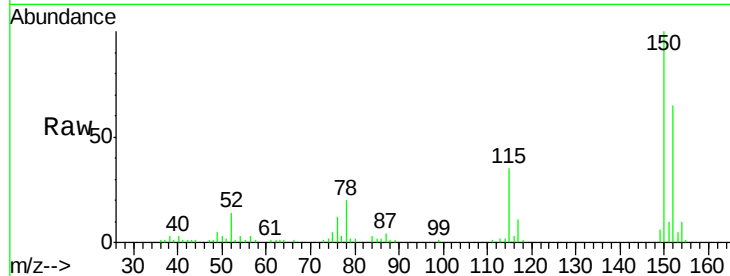
Tgt Ion:152 Resp: 46537

Ion Ratio Lower Upper

152 100

150 154.3 123.1 184.7

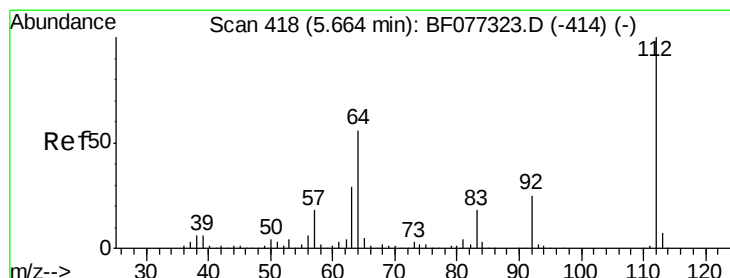
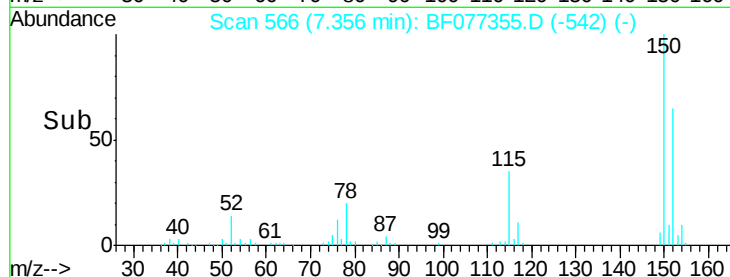
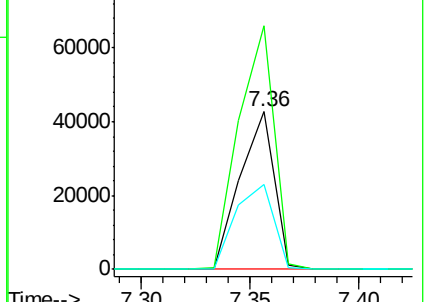
115 54.1 46.2 69.4



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: 129.30 ng

RT: 5.64 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

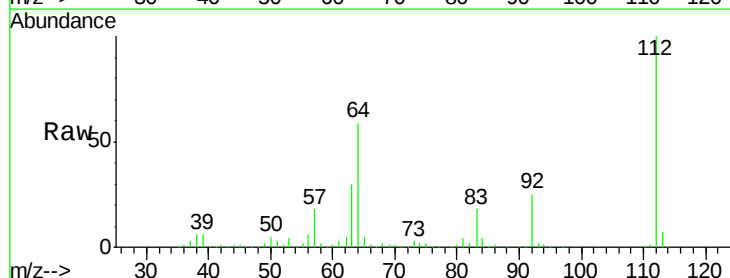
Tgt Ion:112 Resp: 352098

Ion Ratio Lower Upper

112 100

64 58.8 44.7 67.1

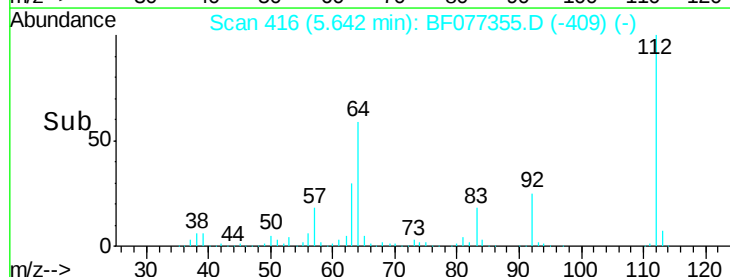
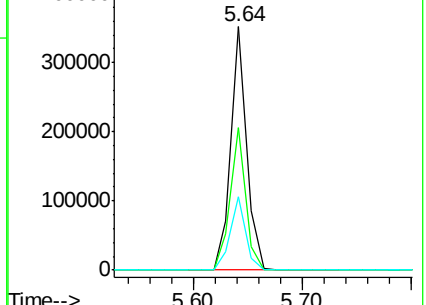
63 30.2 23.3 34.9

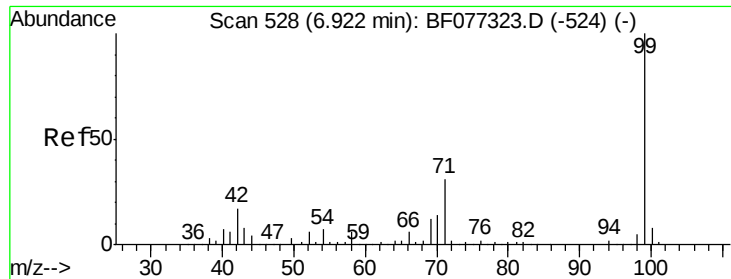


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.91 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-005-B

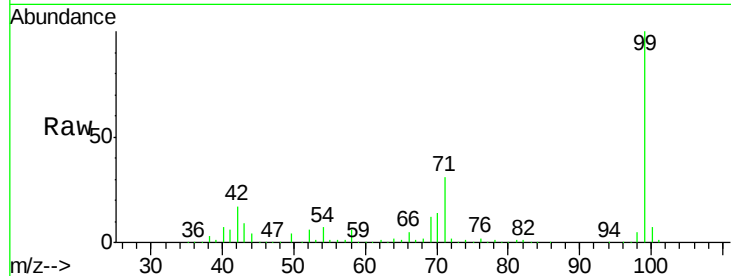
Tgt Ion: 99 Resp: 487025

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.6

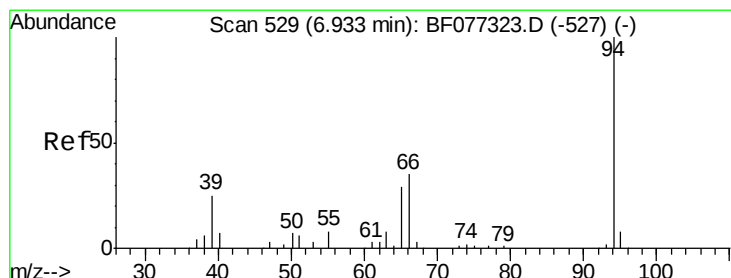
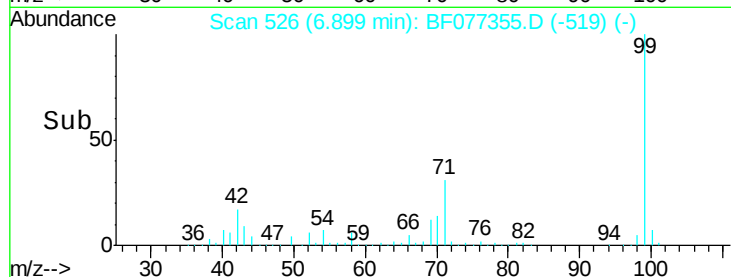
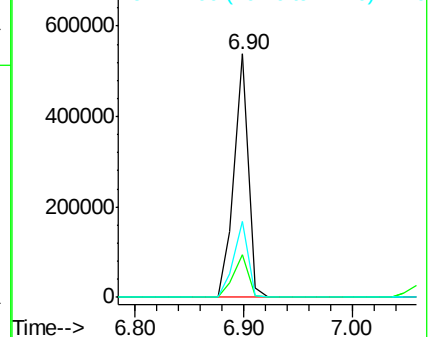
71 31.3 24.6 37.0



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: 4.14 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

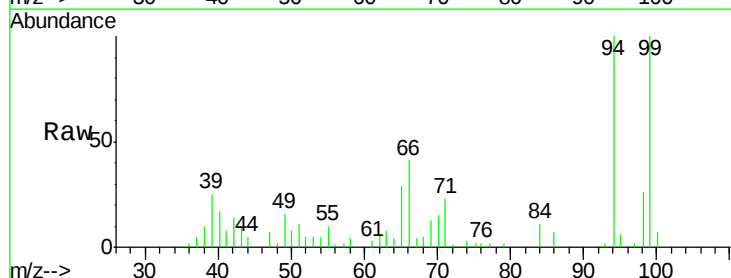
Tgt Ion: 94 Resp: 17103

Ion Ratio Lower Upper

94 100

65 28.7 9.3 49.3

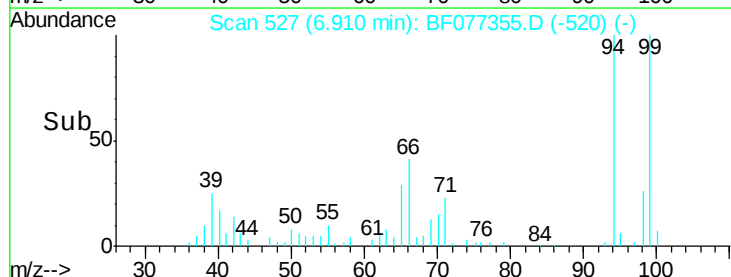
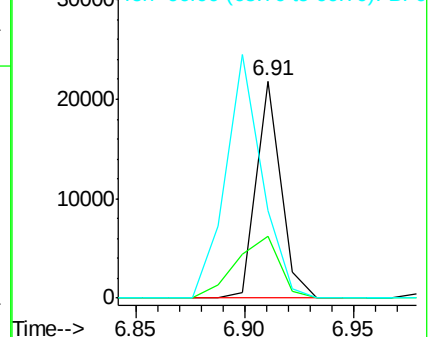
66 40.5 18.3 58.3

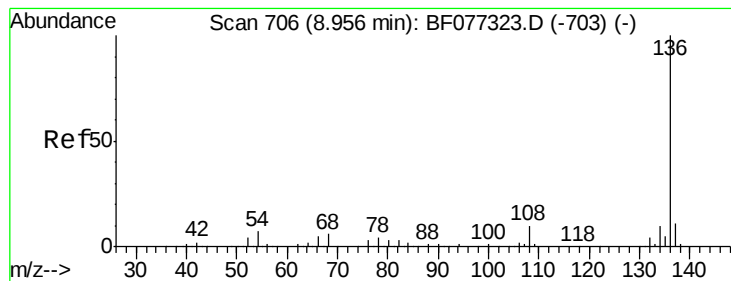


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

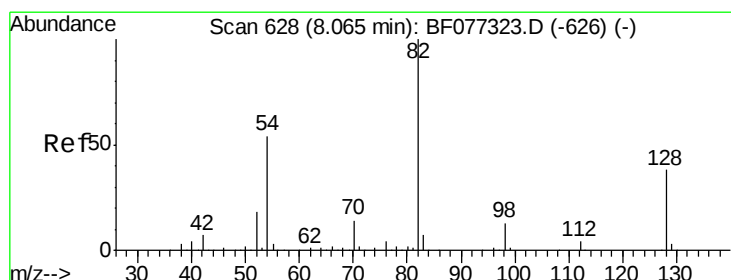
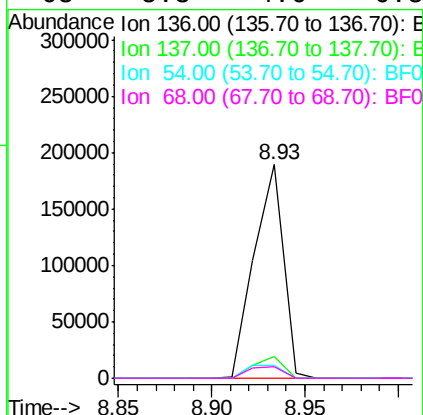
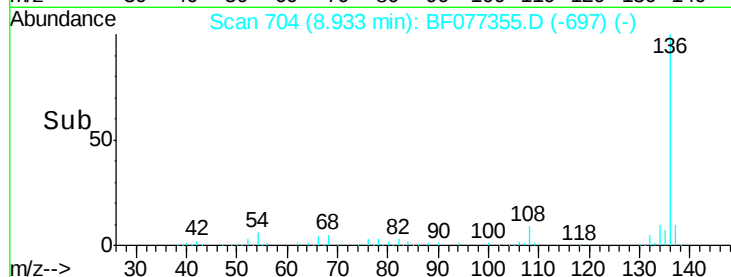
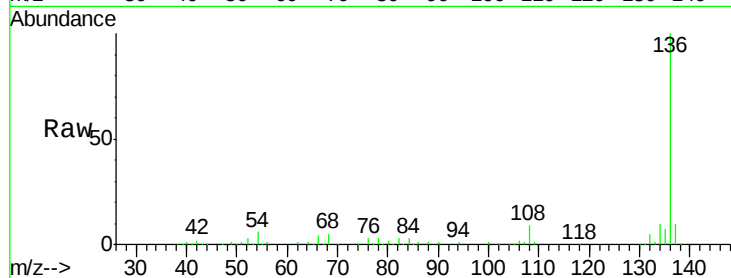




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF077355.D
Acq: 18 Feb 2015 16:40

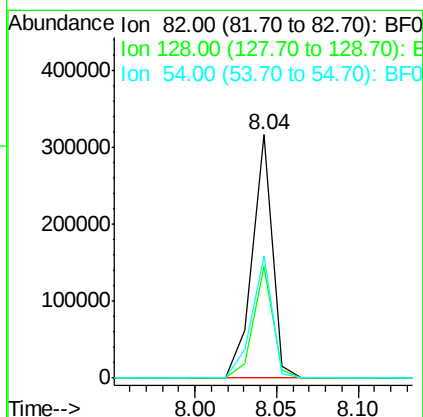
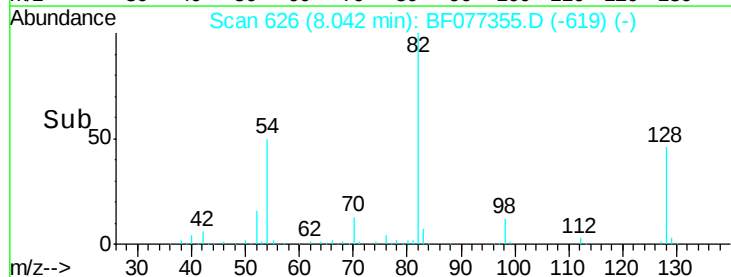
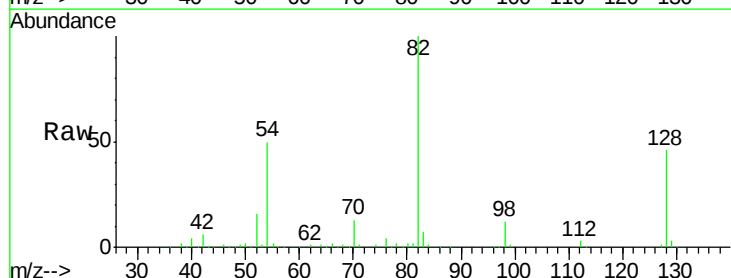
Instrument :
BNA_F
ClientSampleId :
FK-GF-04-005-B

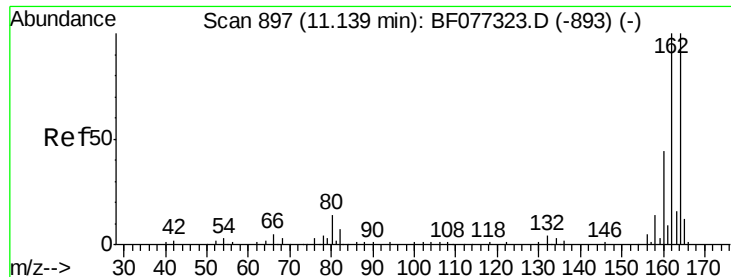
Tgt Ion:	136	Resp:	205102
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.7	5.8	8.6#
68	5.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 91.91 ng
RT: 8.04 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF077355.D
Acq: 18 Feb 2015 16:40

Tgt Ion:	82	Resp:	272200
Ion	Ratio	Lower	Upper
82	100		
128	45.9	30.7	46.1
54	49.9	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 894

Delta R.T. -0.03 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-005-B

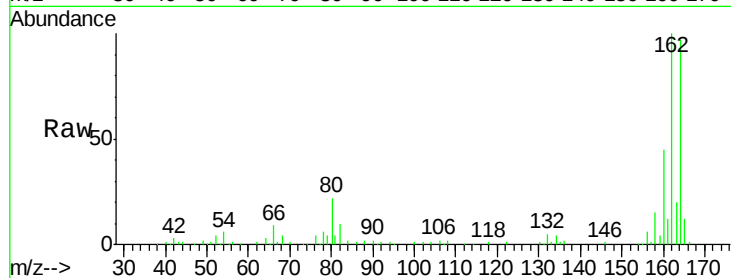
Tgt Ion:164 Resp: 103481

Ion Ratio Lower Upper

164 100

162 103.5 80.4 120.6

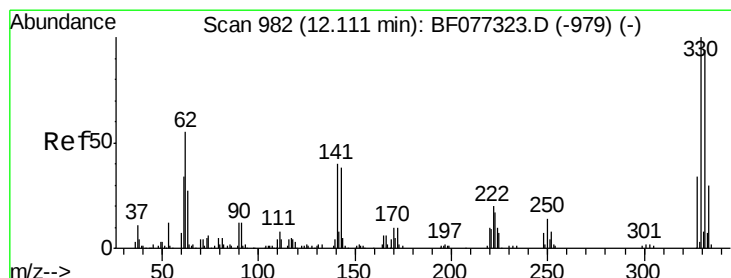
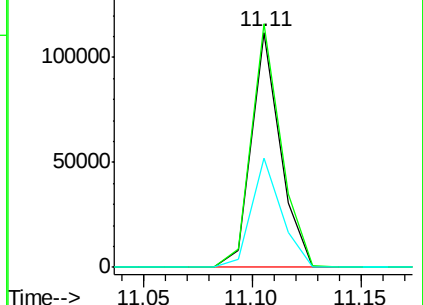
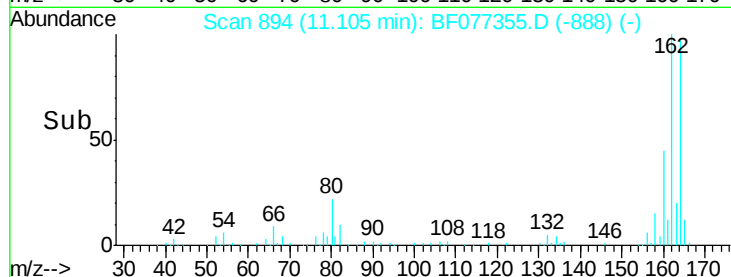
160 46.5 35.3 52.9



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: 133.74 ng

RT: 12.09 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

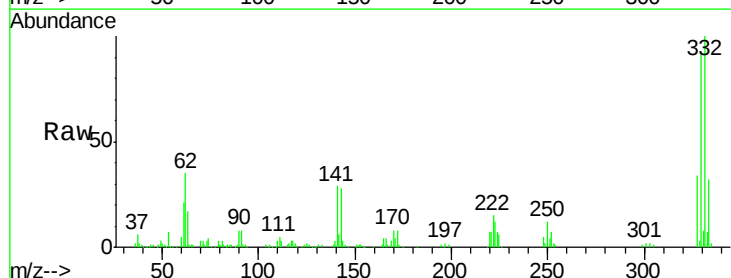
Tgt Ion:330 Resp: 128950

Ion Ratio Lower Upper

330 100

332 106.3 76.1 114.1

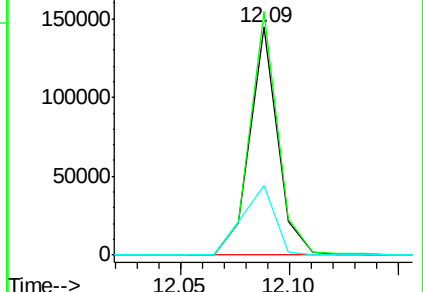
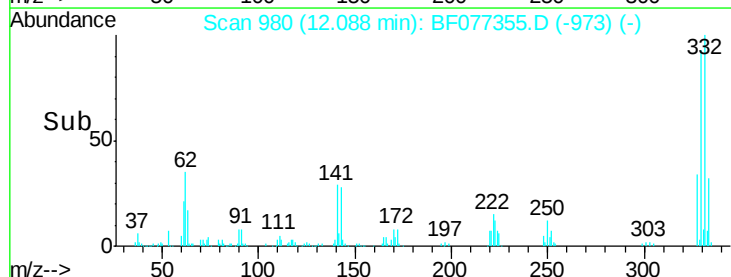
141 36.5 28.5 42.7

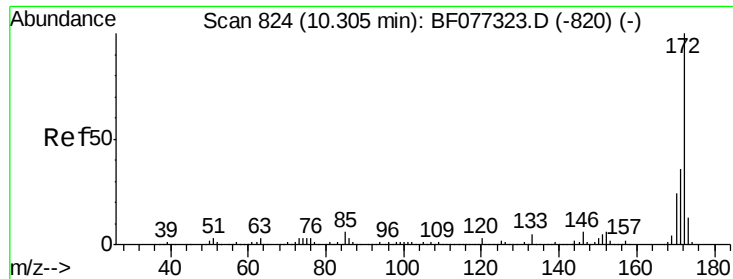


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

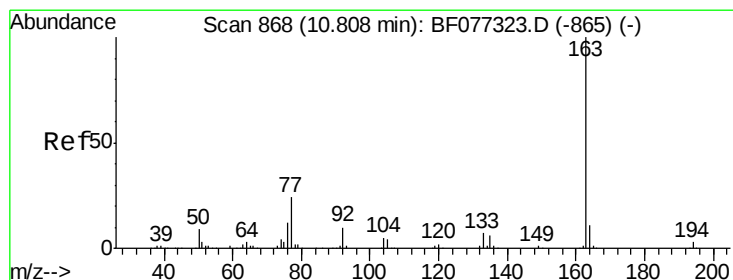
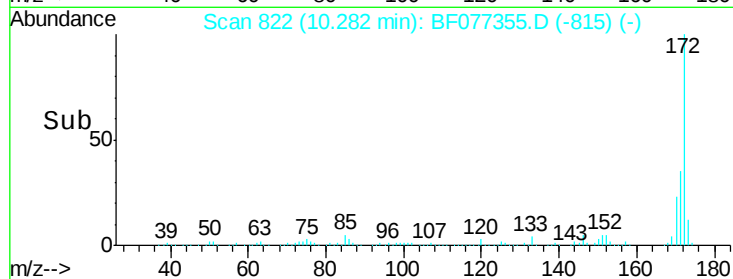
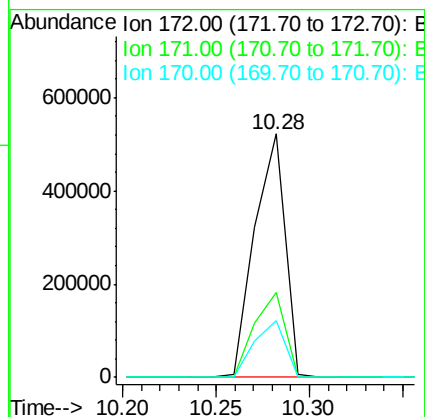
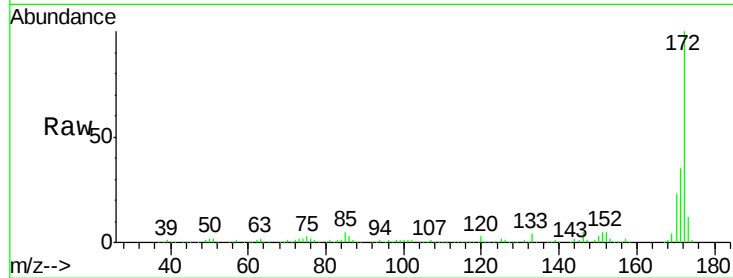




#44
 2-Fluorobiphenyl
 Concen: 85.39 ng
 RT: 10.28 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF077355.D
 Acq: 18 Feb 2015 16:40

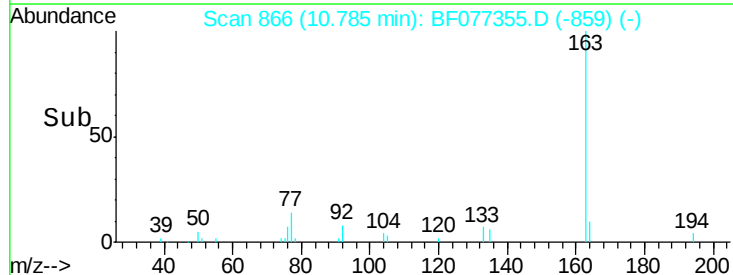
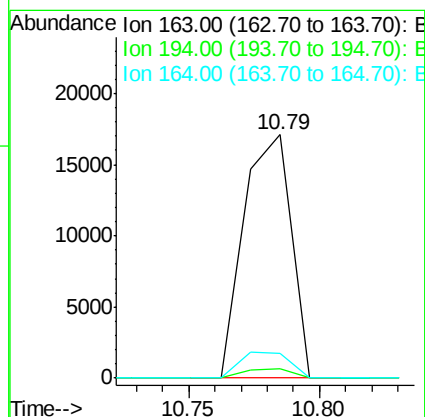
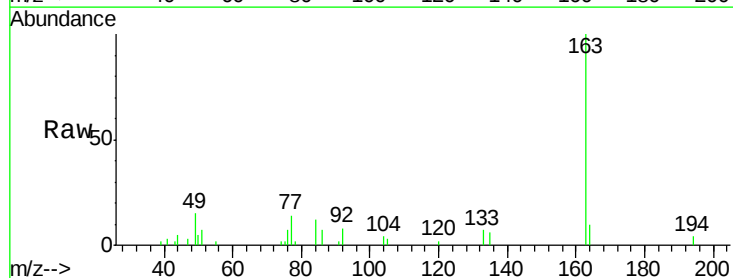
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-005-B

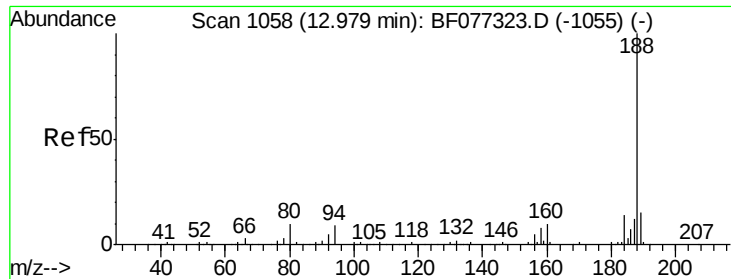
Tgt Ion:172 Resp: 586163
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.9 43.3
 170 23.3 19.4 29.2



#49
 Dimethylphthalate
 Concen: 3.06 ng
 RT: 10.79 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BF077355.D
 Acq: 18 Feb 2015 16:40

Tgt Ion:163 Resp: 21783
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.6 3.8#
 164 9.9 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.96 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-005-B

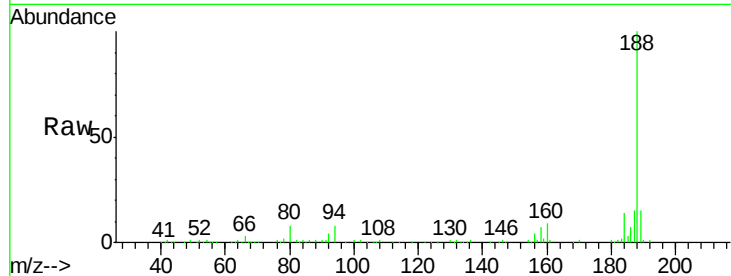
Tgt Ion:188 Resp: 213701

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

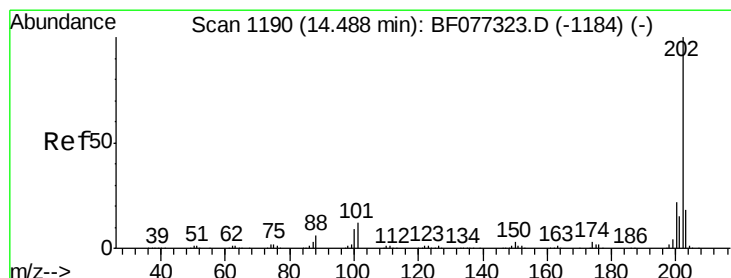
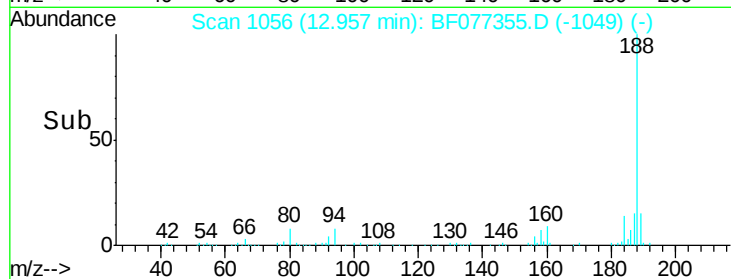
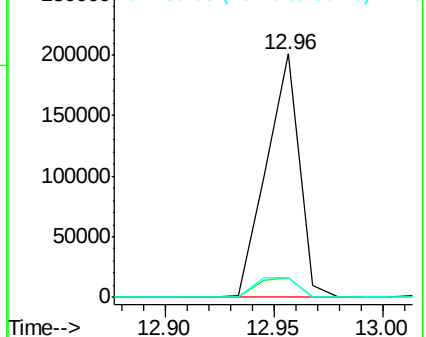
80 7.9 7.8 11.8



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: 3.12 ng

RT: 14.47 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

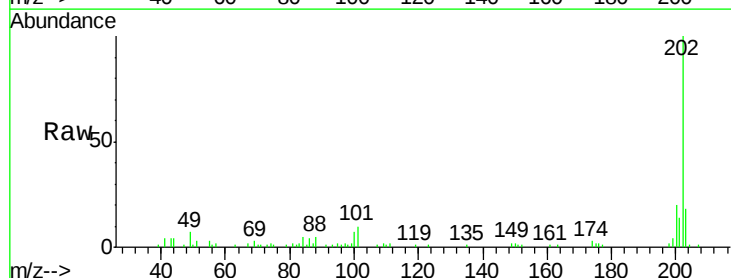
Tgt Ion:202 Resp: 39105

Ion Ratio Lower Upper

202 100

101 9.7 0.0 32.4

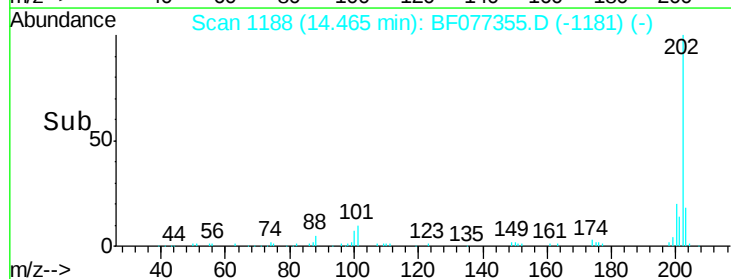
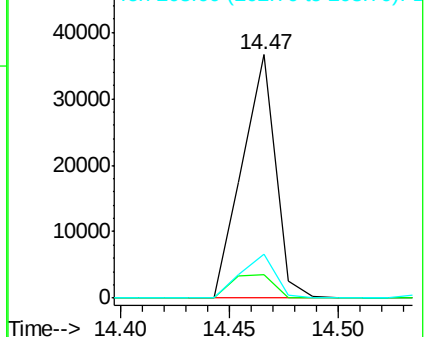
203 17.9 0.0 37.7

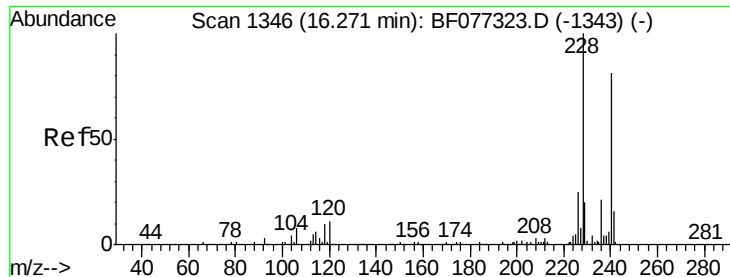


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.27 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

Instrument :

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FK-GF-04-005-B

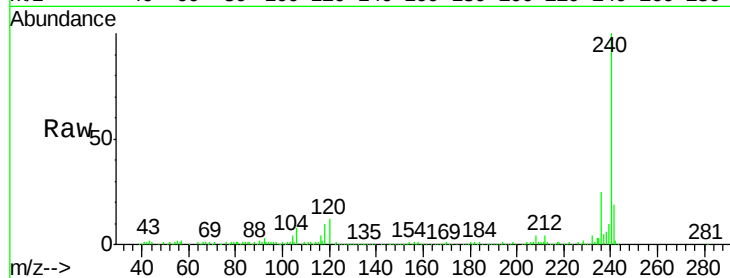
Tgt Ion:240 Resp: 207854

Ion Ratio Lower Upper

240 100

120 12.4 11.3 16.9

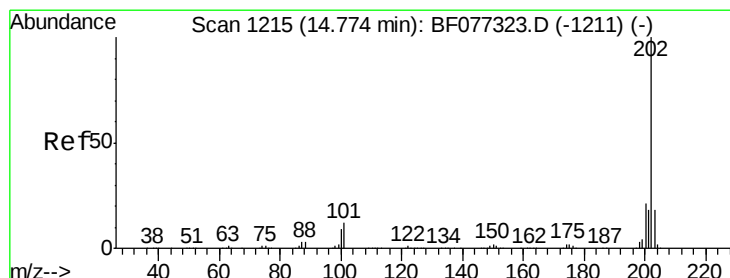
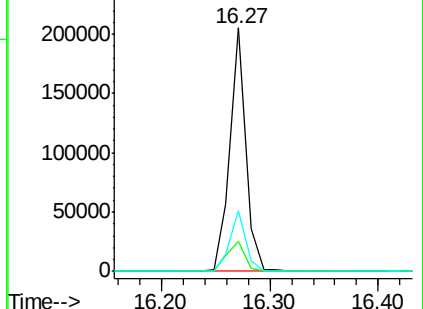
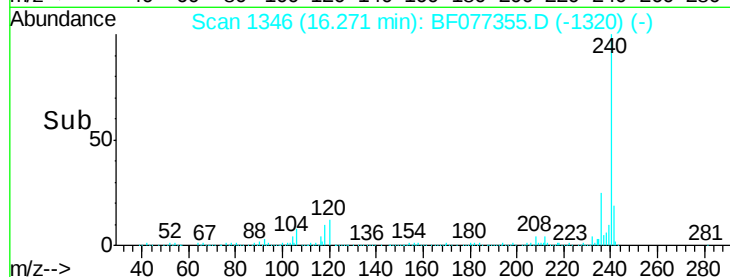
236 25.0 20.3 30.5



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: 2.73 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BF077355.D

Acq: 18 Feb 2015 16:40

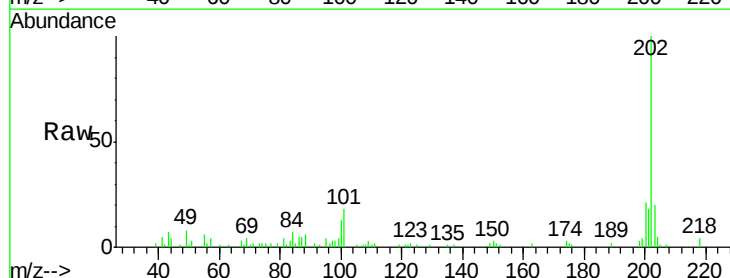
Tgt Ion:202 Resp: 35127

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

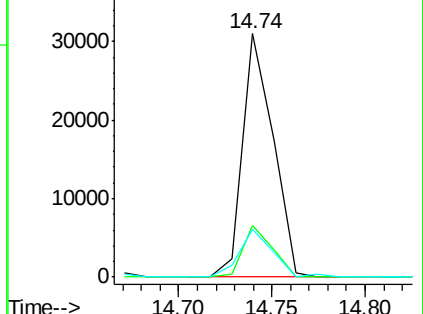
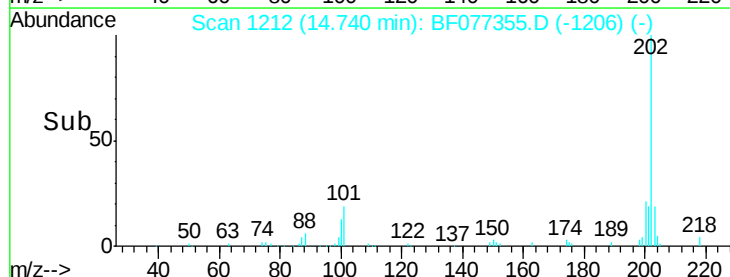
203 19.8 14.2 21.4

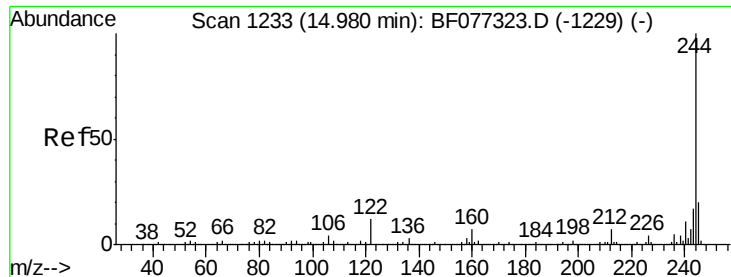


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

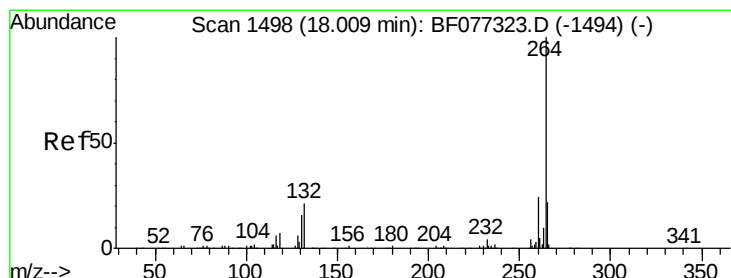
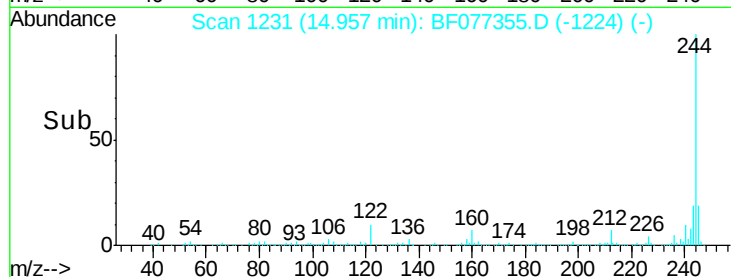
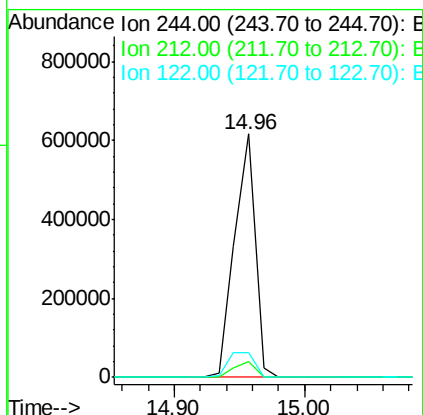
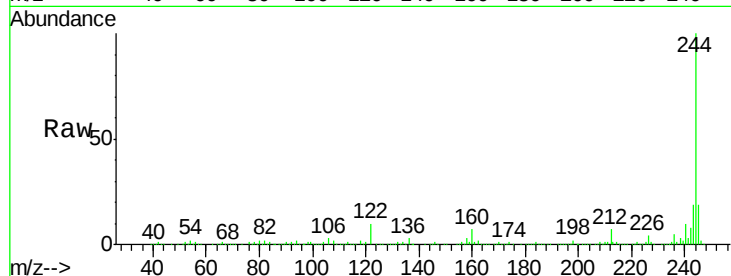




#78
 Terphenyl-d14
 Concen: 74.01 ng
 RT: 14.96 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF077355.D
 Acq: 18 Feb 2015 16:40

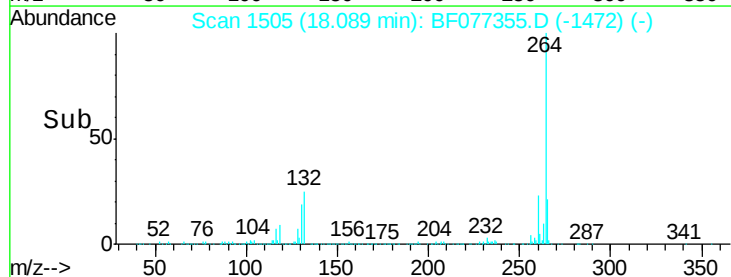
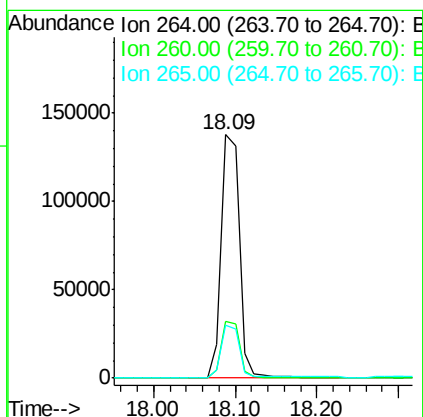
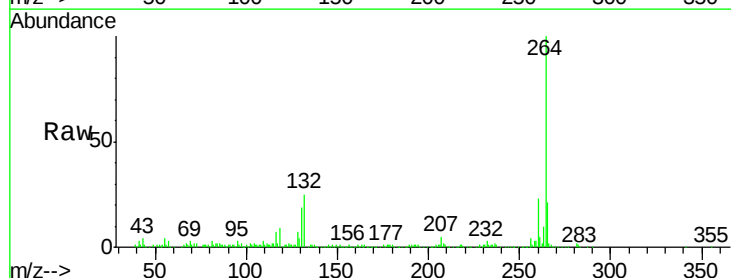
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-005-B

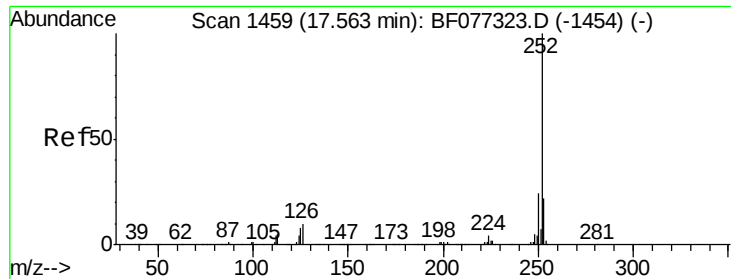
Tgt Ion:244 Resp: 676678
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 9.3 13.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1505
 Delta R.T. 0.08 min
 Lab File: BF077355.D
 Acq: 18 Feb 2015 16:40

Tgt Ion:264 Resp: 214291
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.5 17.7 26.5





#87
 Benzo(b)fluoranthene
 Concen: 2.21 ng m
 RT: 17.62 min Scan# 1464
 Delta R.T. 0.06 min
 Lab File: BF077355.D
 Acq: 18 Feb 2015 16:40

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-005-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	19.9	6.1	9.1

