

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
 Data File : BF079488.D
 Acq On : 26 May 2015 21:23
 Operator : TP/IZ
 Sample : G2362-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-ARE

Quant Time: May 27 01:20:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 19:25:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	121700	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	514053	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	250714	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	483963	20.00	ng	0.00
75) Chrysene-d12	15.87	240	498066	20.00	ng	0.00
86) Perylene-d12	17.57	264	512789	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	632432	90.13	ng	0.00
7) Phenol-d6	6.62	99	925360	103.47	ng	0.00
23) Nitrobenzene-d5	7.71	82	497376	55.93	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	275411	100.01	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	974642	55.46	ng	0.00
78) Terphenyl-d14	14.59	244	1135548	53.51	ng	0.00

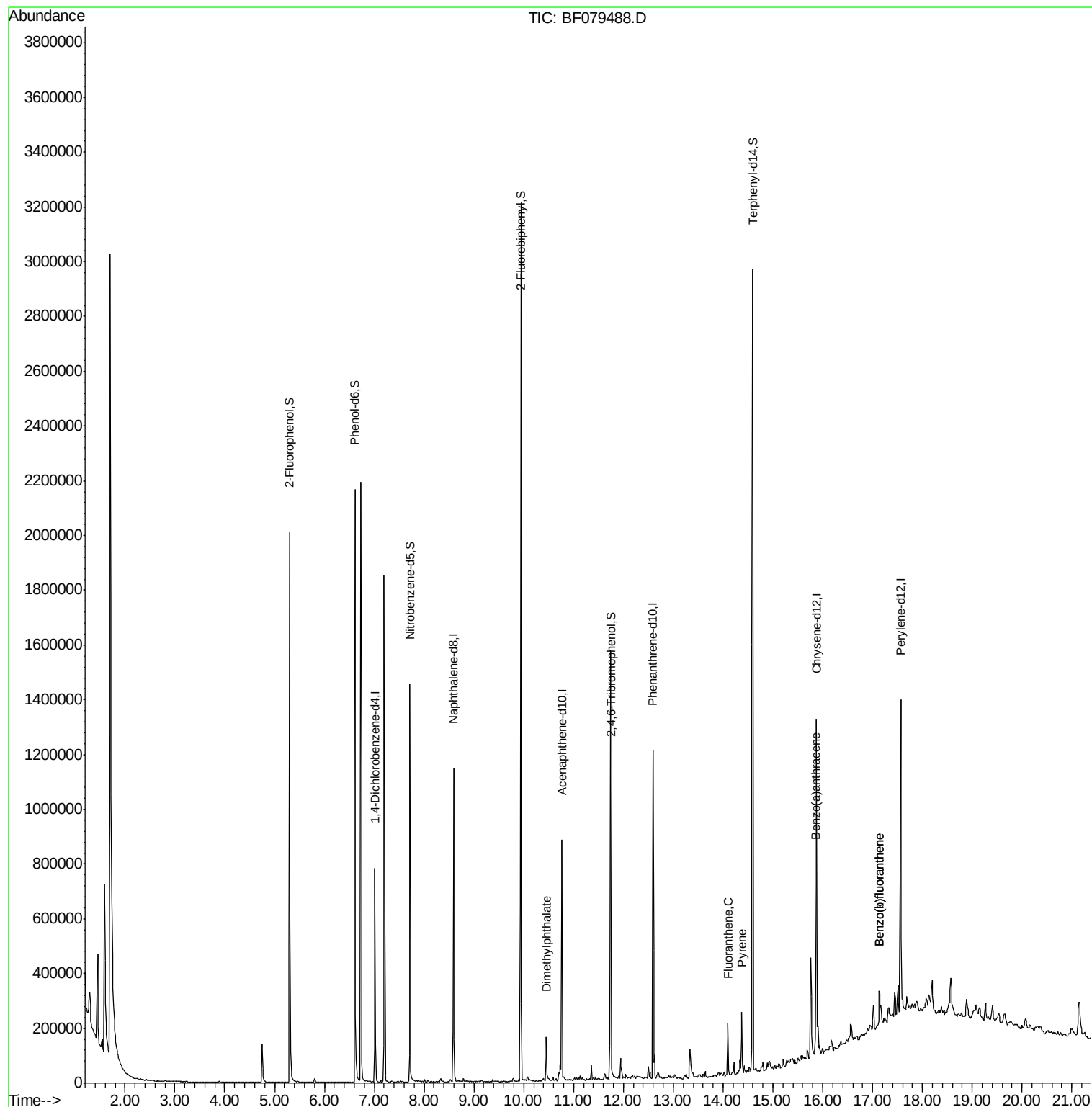
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	10.46	163	80443	4.35	ng	99
73) Di-n-butylphthalate	13.36	149	5256	Below Cal	#	86
74) Fluoranthene	14.10	202	105846	3.72	ng	99
77) Pyrene	14.38	202	98996	3.21	ng	98
80) Benzo(a)anthracene	15.86	228	62907	2.20	ng	96
87) Benzo(b)fluoranthene	17.13	252	109486	3.74	ng	# 92
88) Benzo(k)fluoranthene	17.13	252	109486	4.19	ng	# 90
90) Dibenzo(a,h)anthracene	18.90	278	22942	Below Cal	#	90
91) Benzo(g,h,i)perylene	19.27	276	48547	Below Cal		97

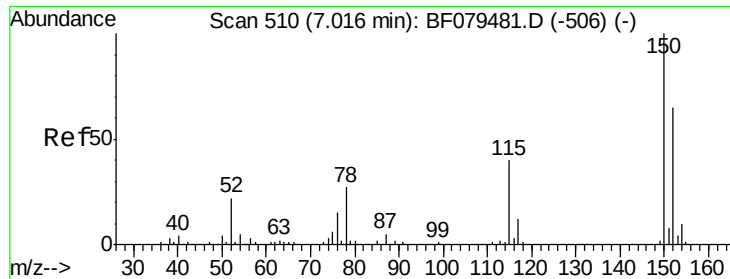
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 26 19:25:27 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-ARE

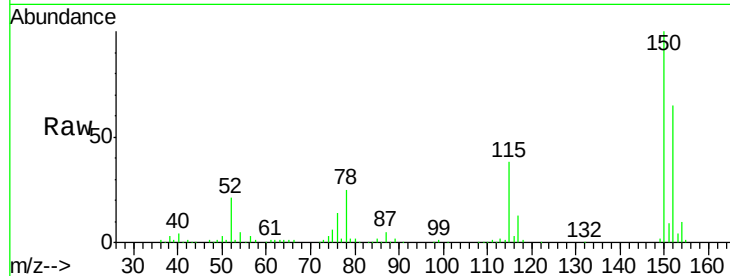
Tgt Ion:152 Resp: 121700

Ion Ratio Lower Upper

152 100

150 153.8 124.0 186.0

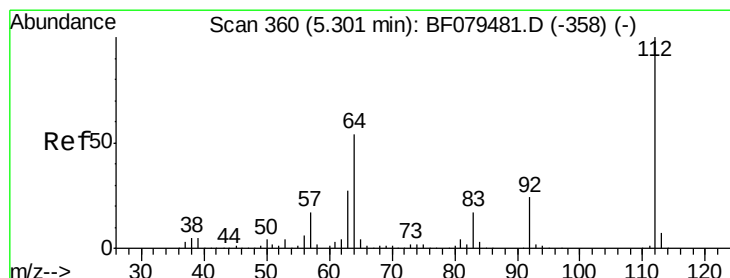
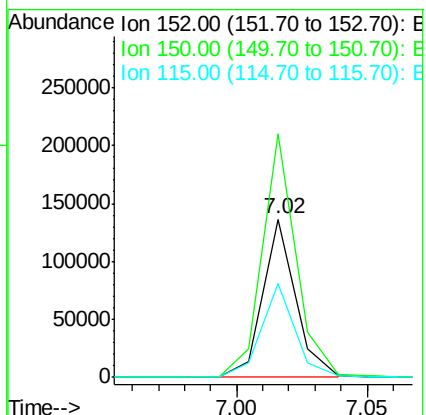
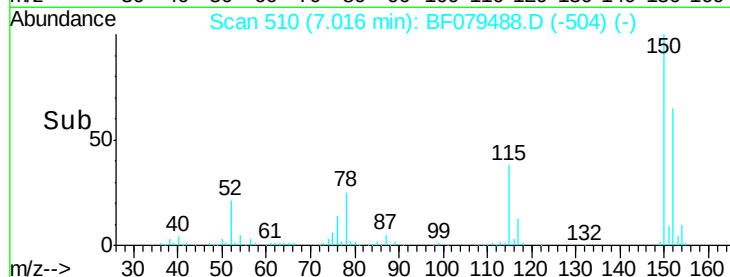
115 59.1 49.6 74.4



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: 90.13 ng

RT: 5.30 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

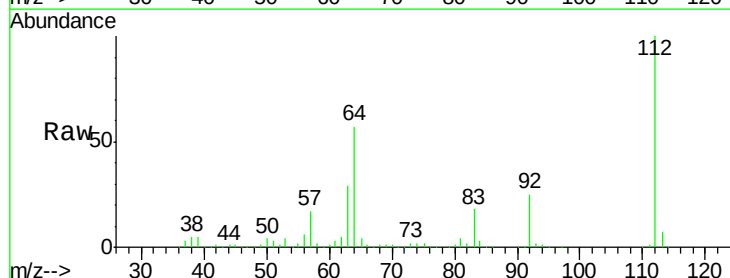
Tgt Ion:112 Resp: 632432

Ion Ratio Lower Upper

112 100

64 57.3 43.5 65.3

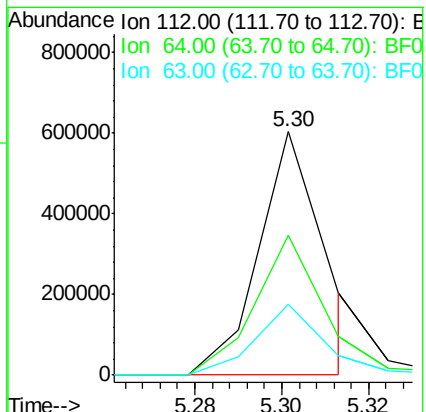
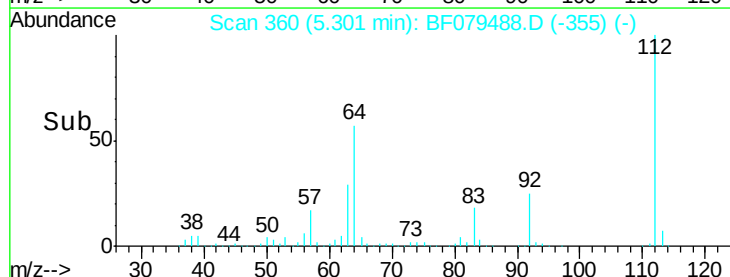
63 28.9 21.8 32.8

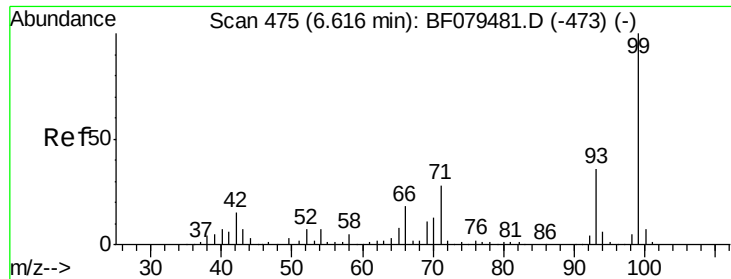


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.47 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-ARE

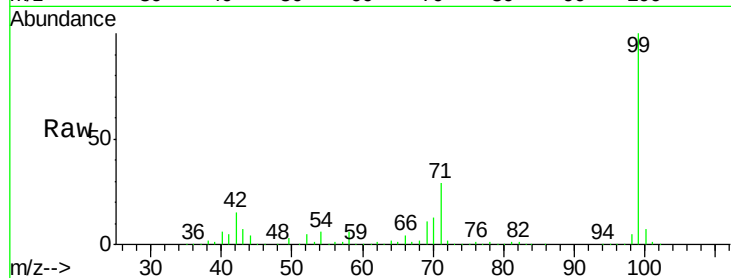
Tgt Ion: 99 Resp: 925360

Ion Ratio Lower Upper

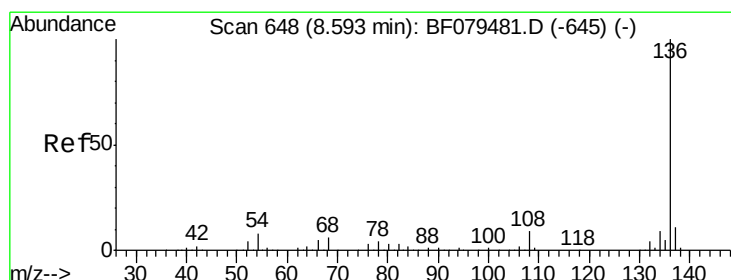
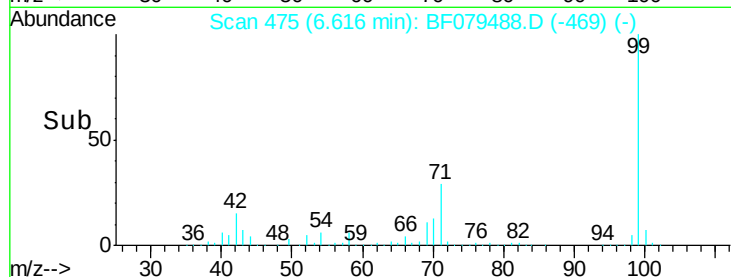
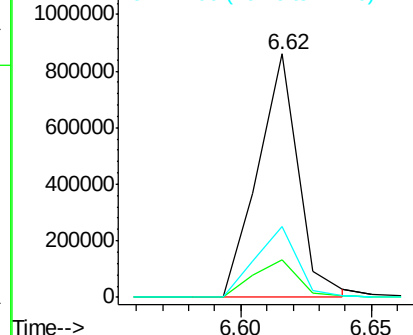
99 100

42 15.3 11.9 17.9

71 28.9 22.1 33.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

Tgt Ion: 136 Resp: 514053

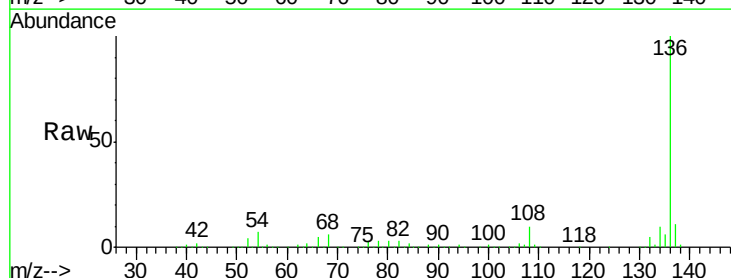
Ion Ratio Lower Upper

136 100

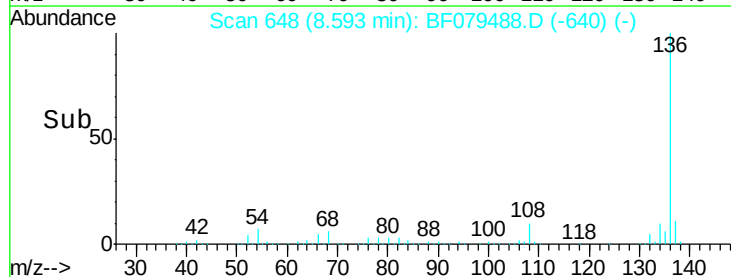
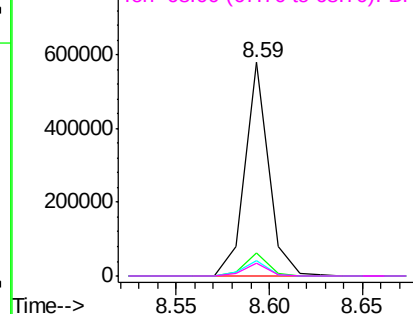
137 11.0 8.5 12.7

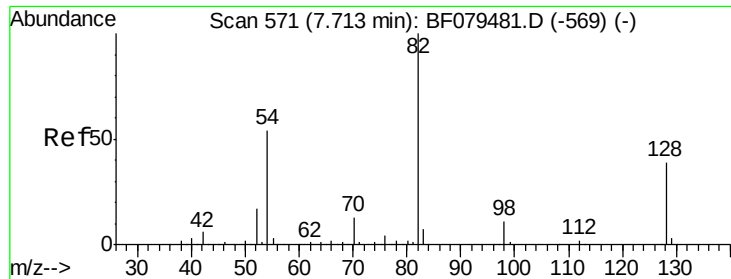
54 7.3 6.6 9.8

68 5.7 4.7 7.1



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: 55.93 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-ARE

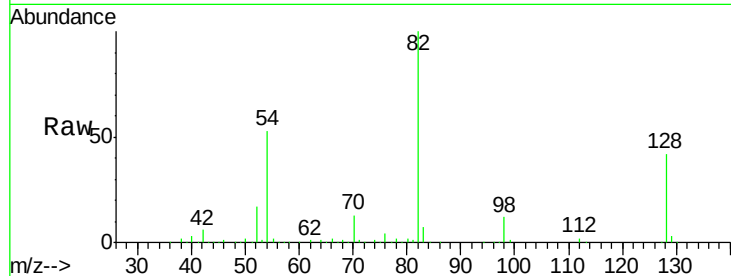
Tgt Ion: 82 Resp: 497376

Ion Ratio Lower Upper

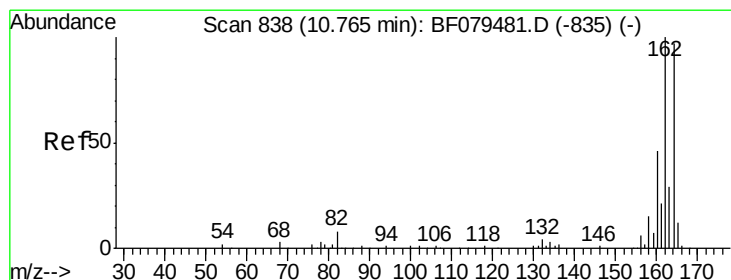
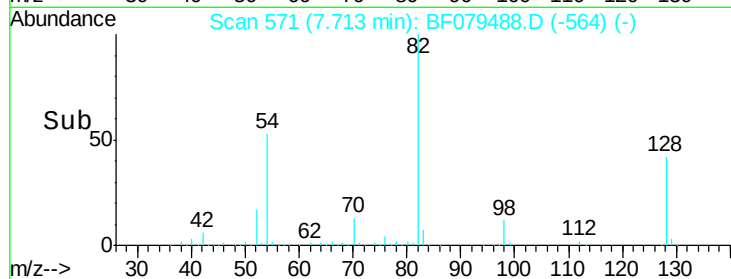
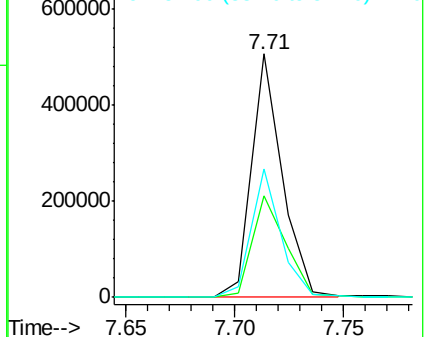
82 100

128 41.6 30.8 46.2

54 52.7 42.8 64.2



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: 10.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

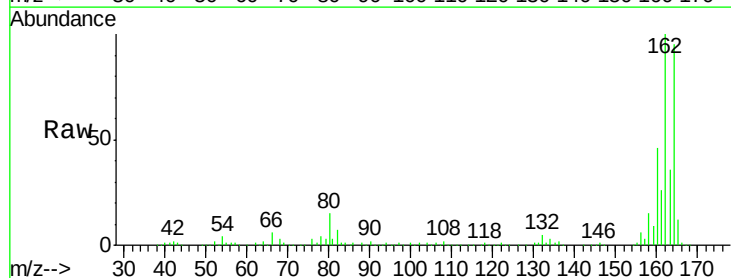
Tgt Ion: 164 Resp: 250714

Ion Ratio Lower Upper

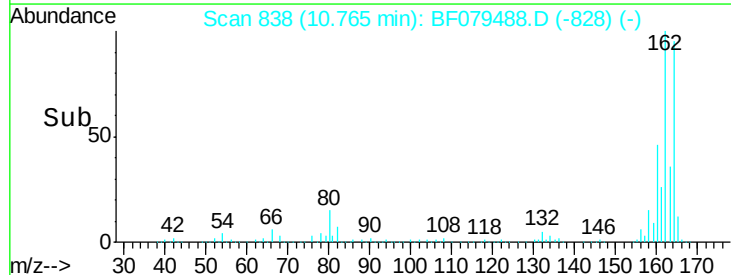
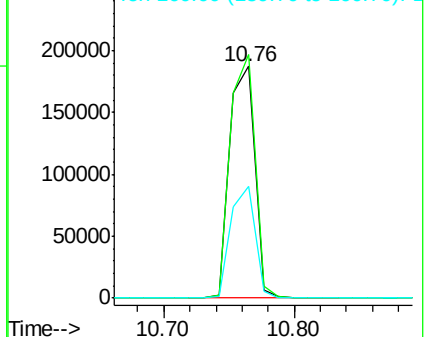
164 100

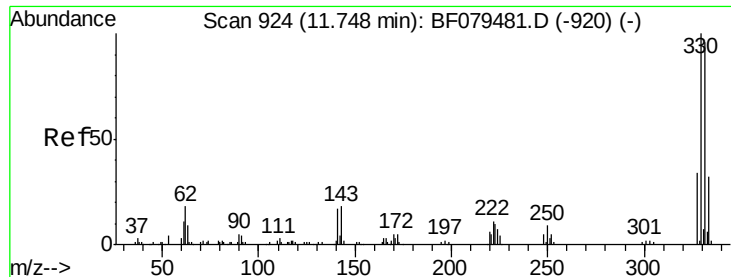
162 105.0 82.6 124.0

160 48.5 37.7 56.5



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

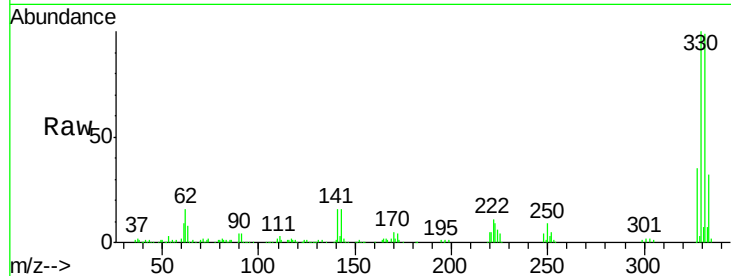




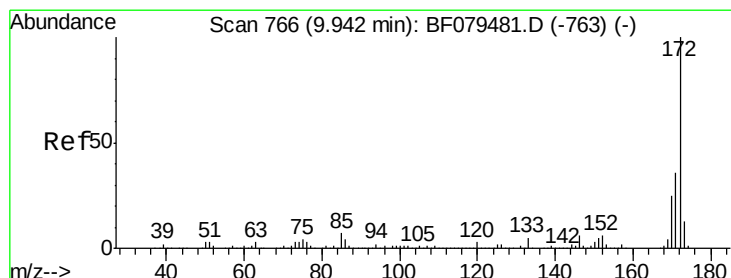
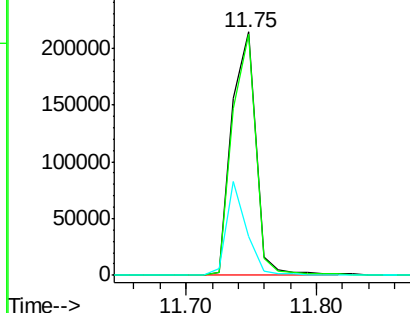
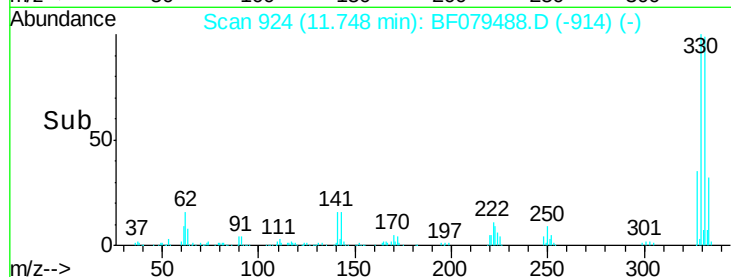
#41
 2,4,6-Tribromophenol
 Concen: 100.01 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079488.D
 Acq: 26 May 2015 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-ARE

Tgt Ion:330 Resp: 275411
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 32.5 0.0 0.0#

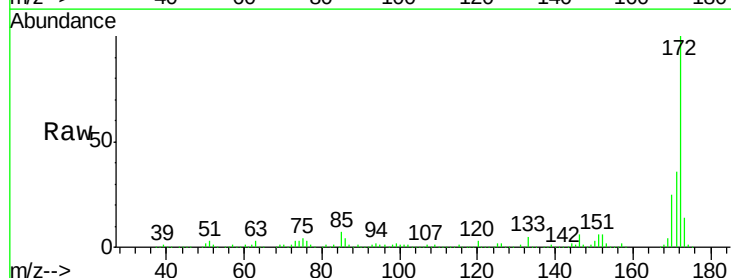


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

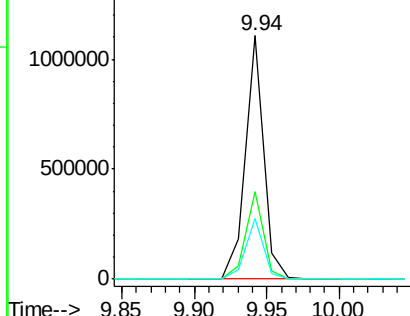
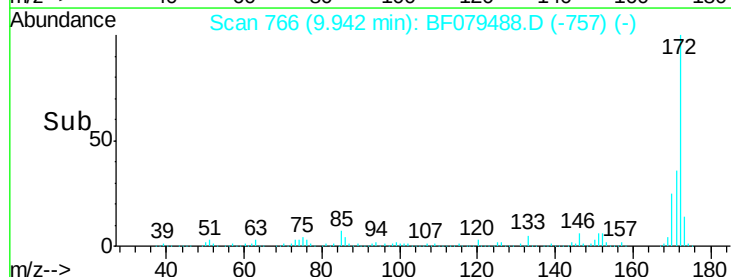


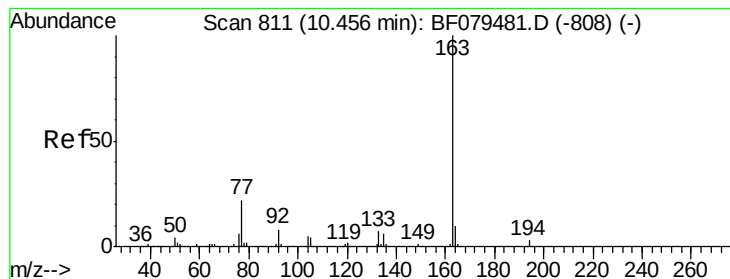
#44
 2-Fluorobiphenyl
 Concen: 55.46 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079488.D
 Acq: 26 May 2015 21:23

Tgt Ion:172 Resp: 974642
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 25.1 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: 4.35 ng

RT: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-ARE

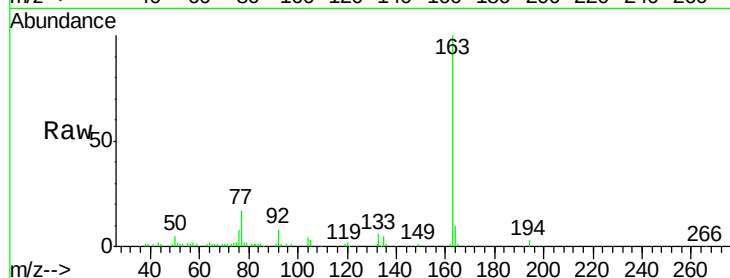
Tgt Ion:163 Resp: 80443

Ion Ratio Lower Upper

163 100

194 3.4 2.4 3.6

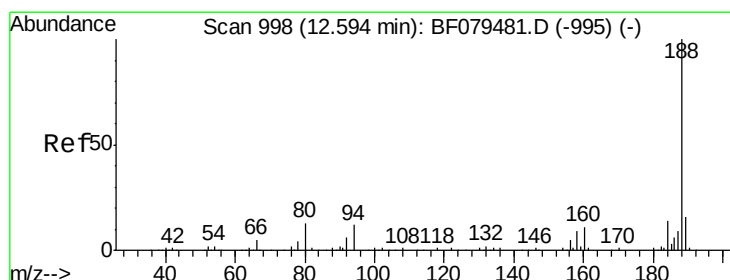
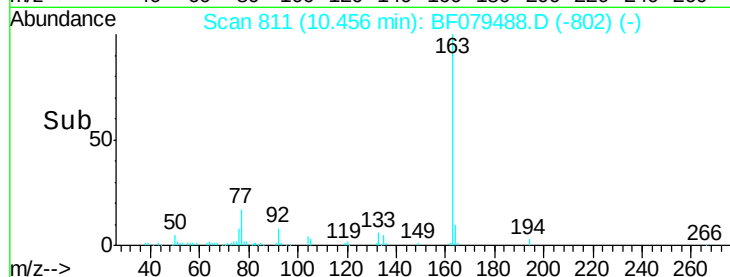
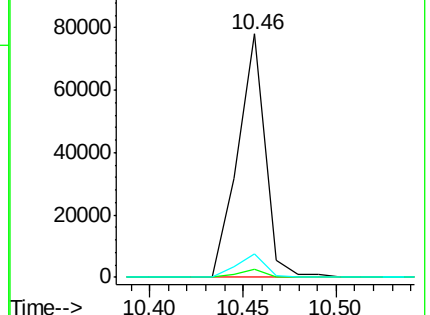
164 9.8 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

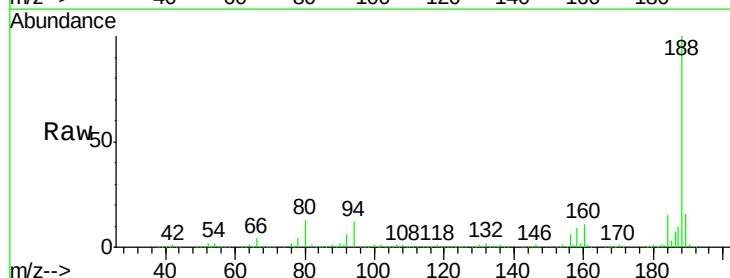
Tgt Ion:188 Resp: 483963

Ion Ratio Lower Upper

188 100

94 12.2 9.8 14.6

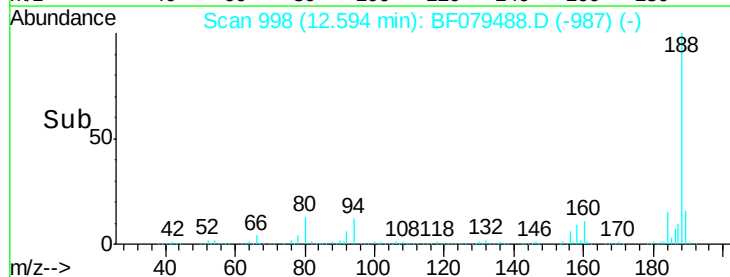
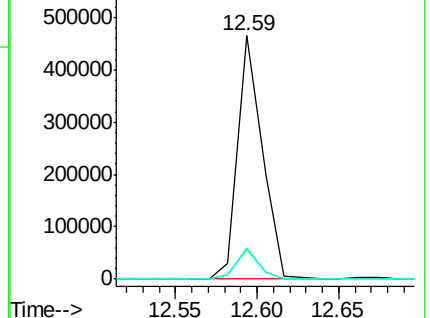
80 12.7 10.5 15.7

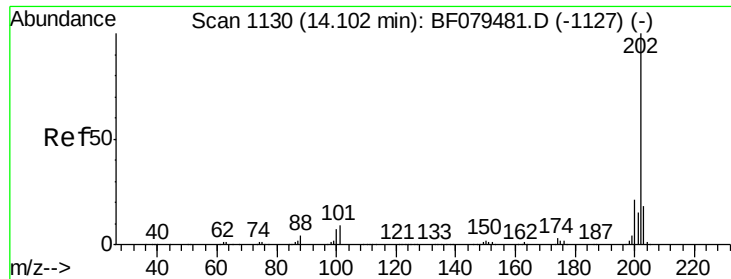


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.72 ng

RT: 14.10 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

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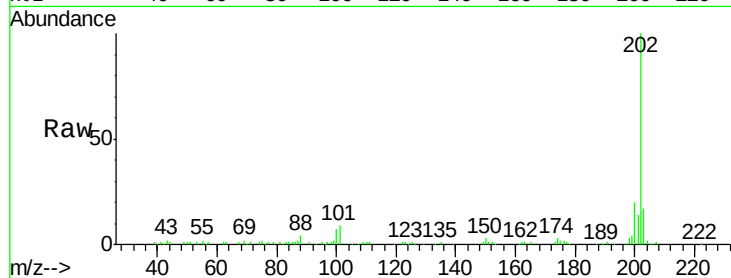
Tgt Ion:202 Resp: 105846

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.3

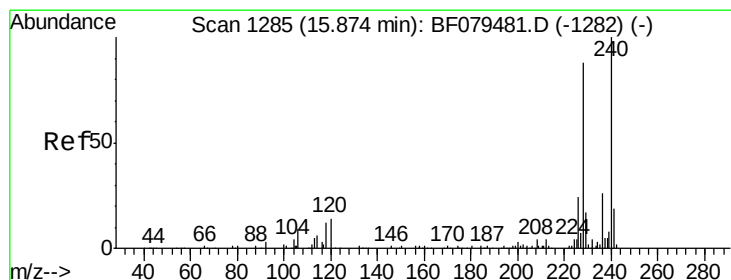
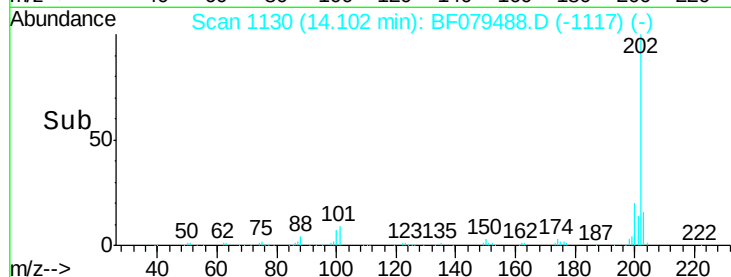
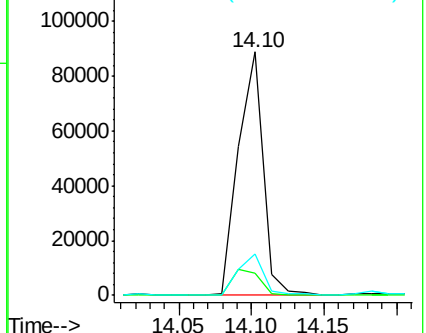
203 16.8 0.0 37.6



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: 15.87 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

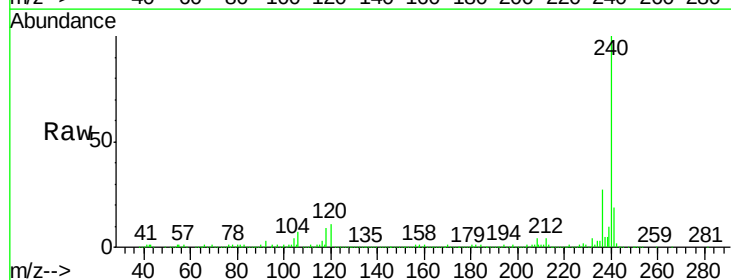
Tgt Ion:240 Resp: 498066

Ion Ratio Lower Upper

240 100

120 10.8 10.8 16.2#

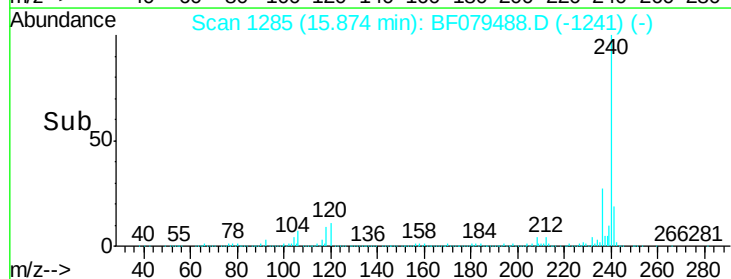
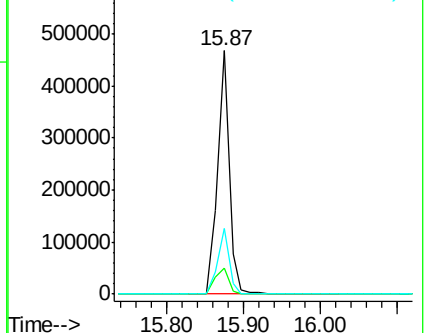
236 26.9 21.0 31.6

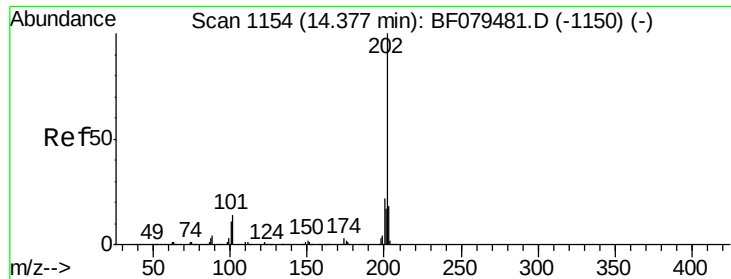


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.21 ng

RT: 14.38 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

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FK-GF-01-015-ARE

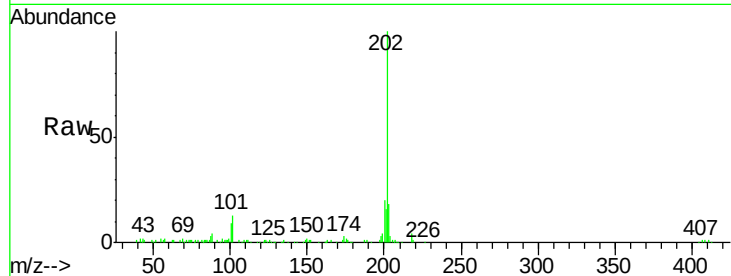
Tgt Ion:202 Resp: 98996

Ion Ratio Lower Upper

202 100

200 20.5 17.5 26.3

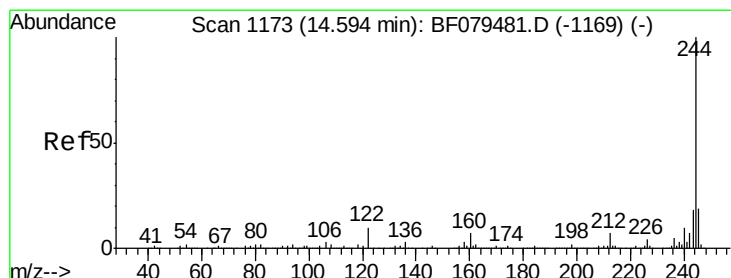
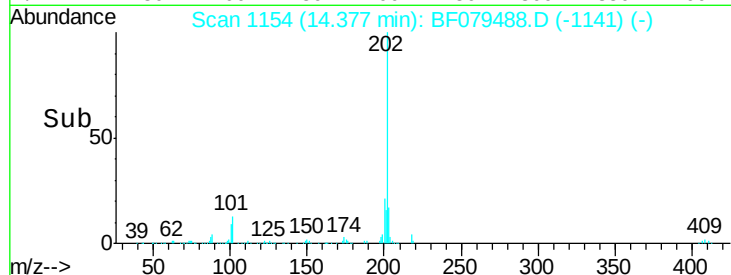
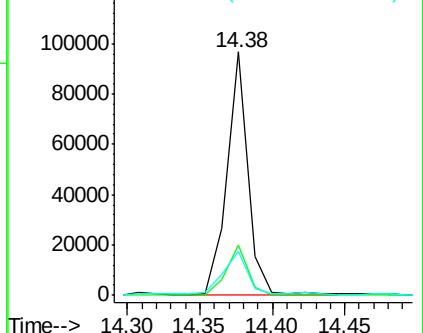
203 18.0 14.4 21.6



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: 53.51 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

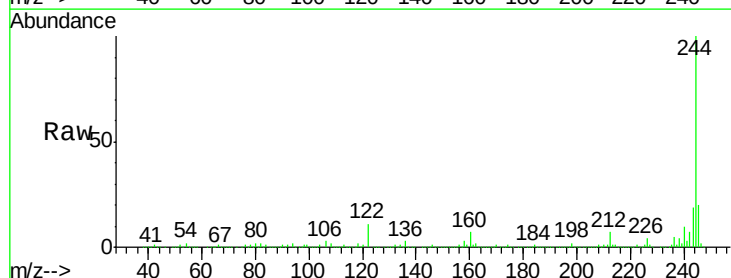
Tgt Ion:244 Resp: 1135548

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

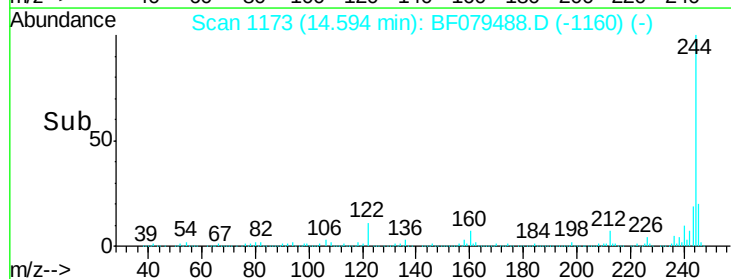
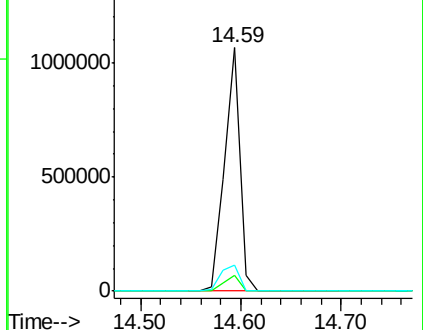
122 10.5 8.0 12.0

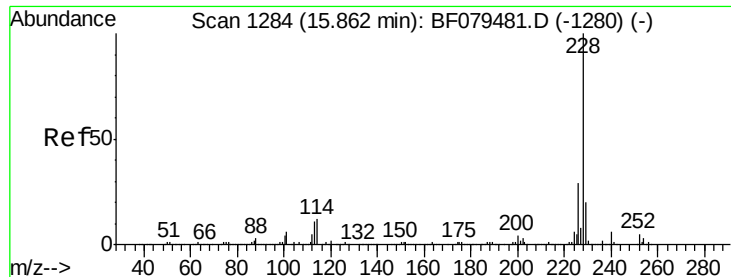


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.20 ng

RT: 15.86 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-ARE

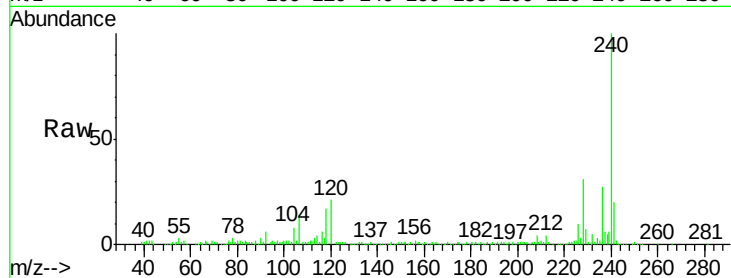
Tgt Ion:228 Resp: 62907

Ion Ratio Lower Upper

228 100

226 30.9 22.8 34.2

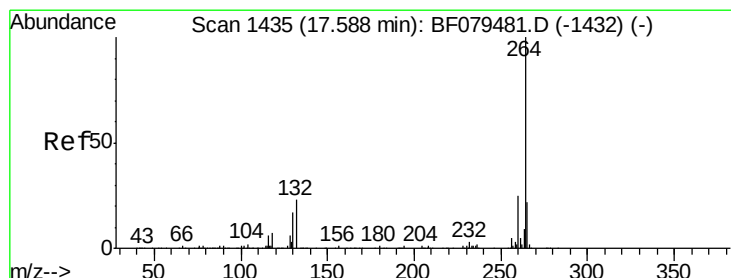
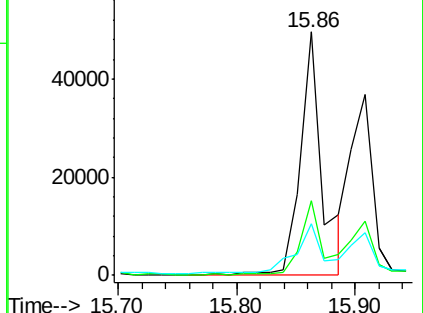
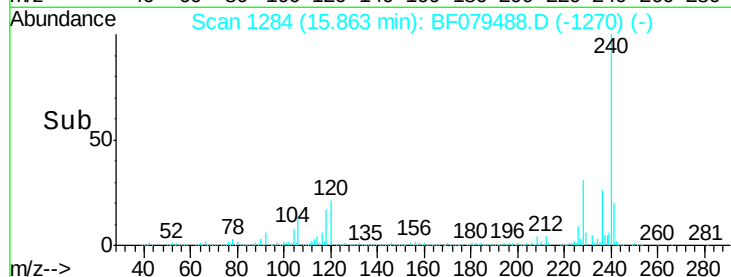
229 21.1 15.9 23.9



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: 17.57 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

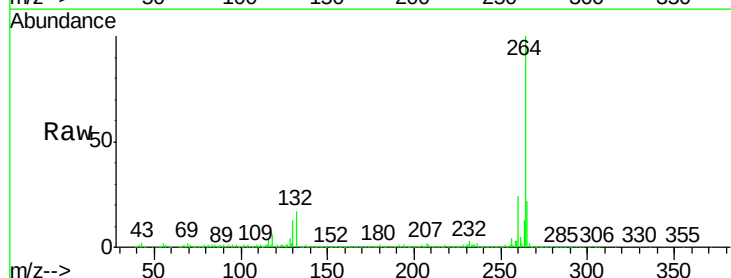
Tgt Ion:264 Resp: 512789

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

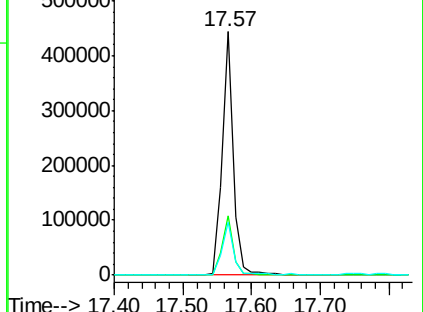
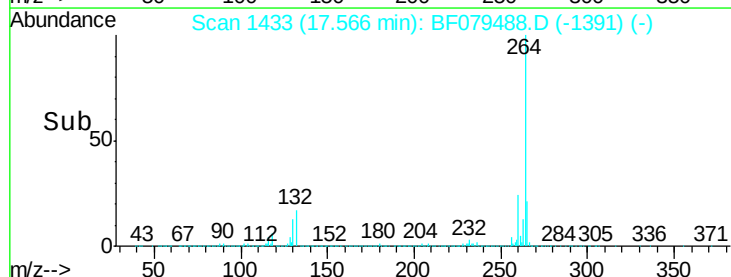
265 21.5 17.8 26.6

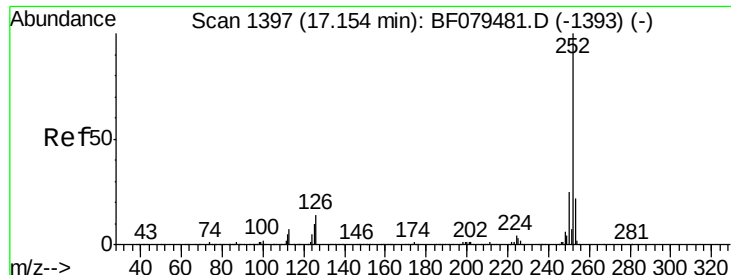


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.74 ng

RT: 17.13 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

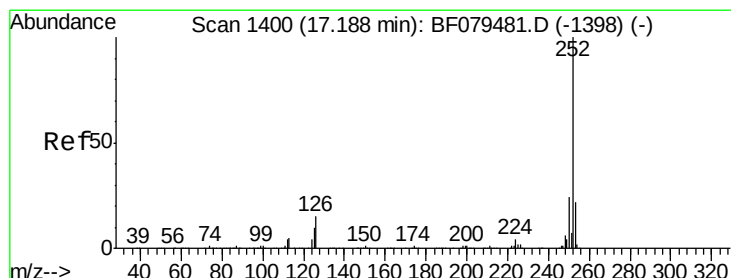
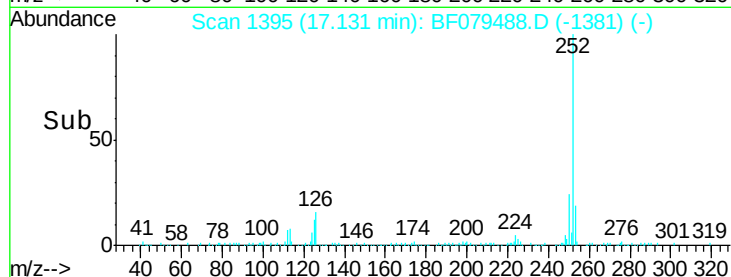
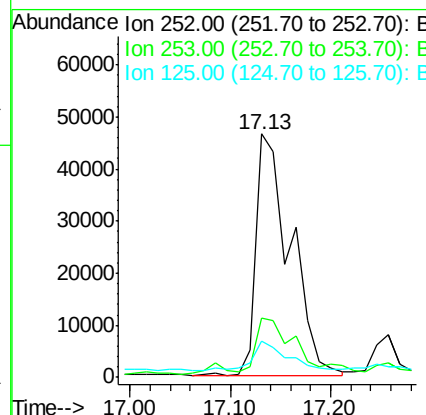
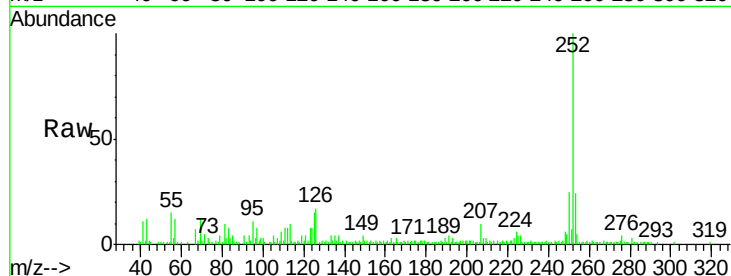
Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-ARE

Tgt Ion:	252	Resp:	109486
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.6	26.4
125	15.0	7.8	11.6#



#88

Benzo(k)fluoranthene

Concen: 4.19 ng

RT: 17.13 min Scan# 1395

Delta R.T. -0.06 min

Lab File: BF079488.D

Acq: 26 May 2015 21:23

Tgt Ion:	252	Resp:	109486
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.2	25.8
125	15.0	6.8	10.2#

