

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
 Data File : BF079489.D
 Acq On : 26 May 2015 21:52
 Operator : TP/IZ
 Sample : G2362-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 27 01:20:26 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	140356	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	571822	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	288584	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	538835	20.00	ng	0.00
75) Chrysene-d12	15.87	240	551362	20.00	ng	0.00
86) Perylene-d12	17.60	264	568541	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	724619	89.55	ng	0.00
7) Phenol-d6	6.62	99	1054321	102.22	ng	0.00
23) Nitrobenzene-d5	7.71	82	602328	60.89	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	335803	105.94	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	982737	48.58	ng	0.00
78) Terphenyl-d14	14.59	244	1159929	49.37	ng	0.00

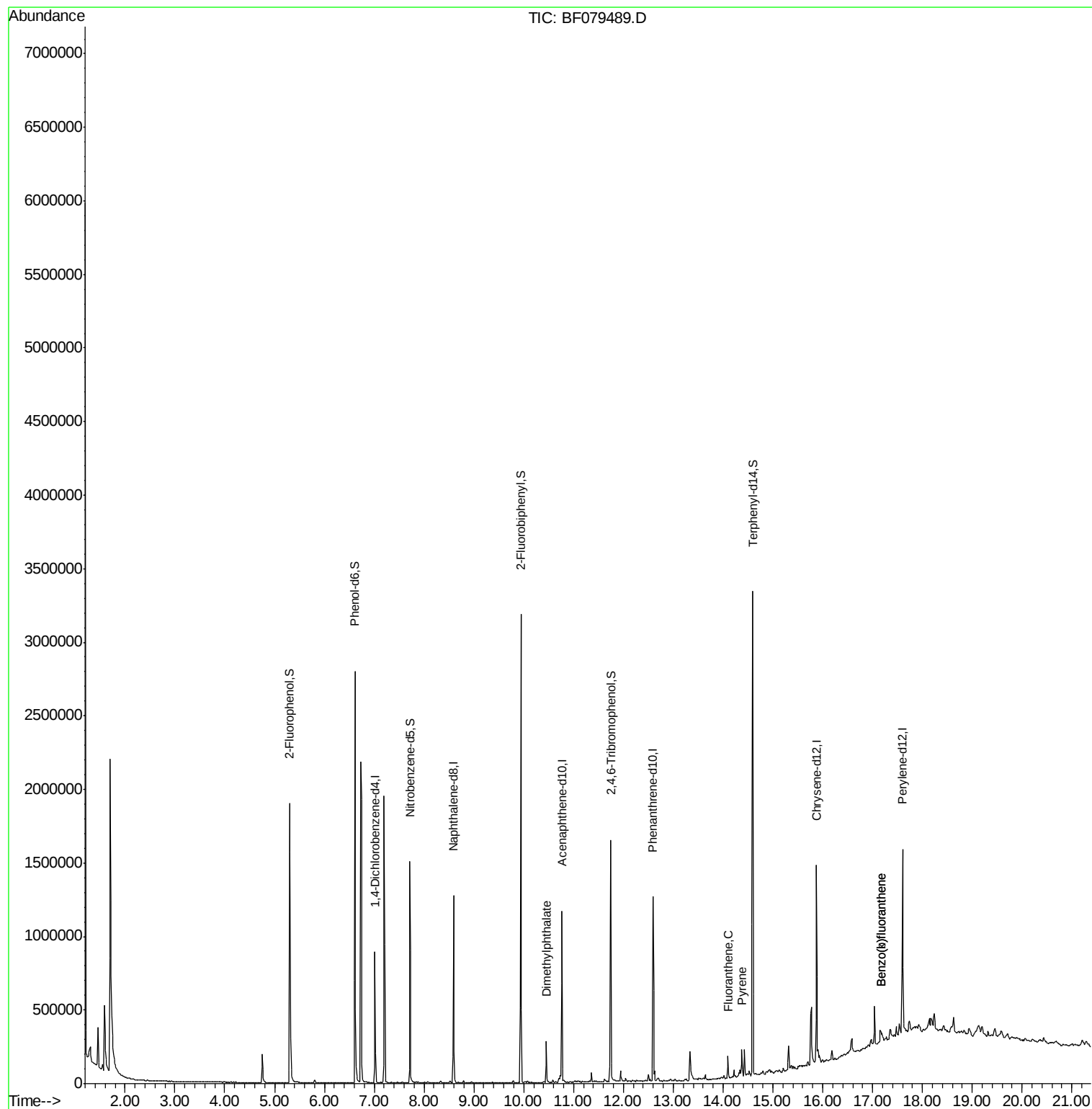
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	10.46	163	131704	6.19	ng	99
73) Di-n-butylphthalate	13.36	149	5908	Below Cal	#	91
74) Fluoranthene	14.10	202	72999	2.30	ng	99
77) Pyrene	14.38	202	73106	2.14	ng	99
87) Benzo(b)fluoranthene	17.17	252	76723	2.37	ng	# 89
88) Benzo(k)fluoranthene	17.17	252	76723	2.65	ng	# 87
89) Benzo(a)pyrene	17.54	252	40715	Below Cal	#	90
90) Dibenzo(a,h)anthracene	18.95	278	16023	Below Cal	#	78
91) Benzo(g,h,i)perylene	19.31	276	34601	Below Cal	#	93

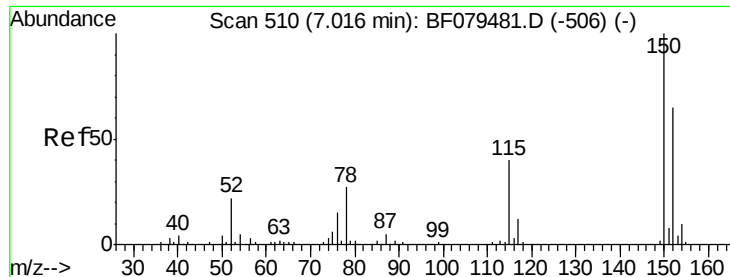
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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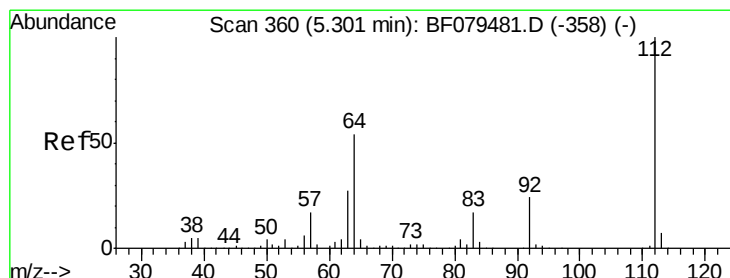
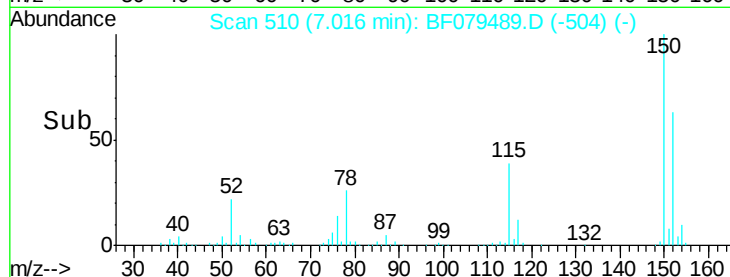
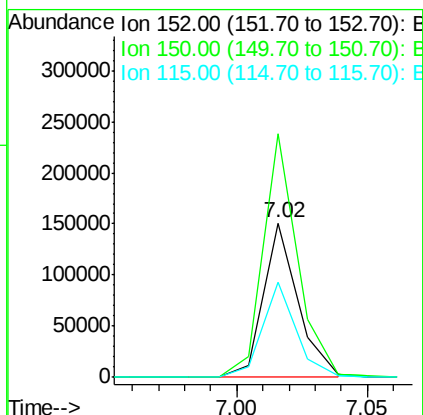
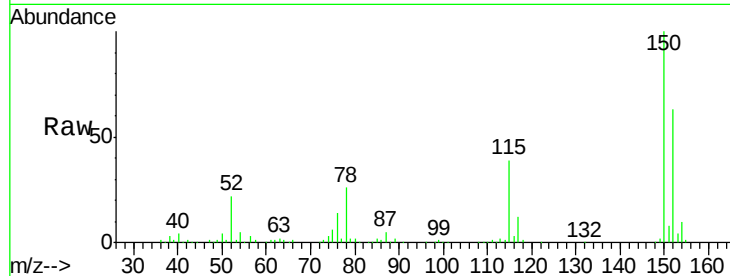




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.02 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF079489.D
 Acq: 26 May 2015 21:52

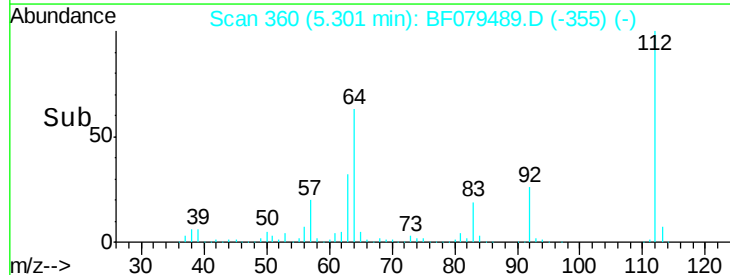
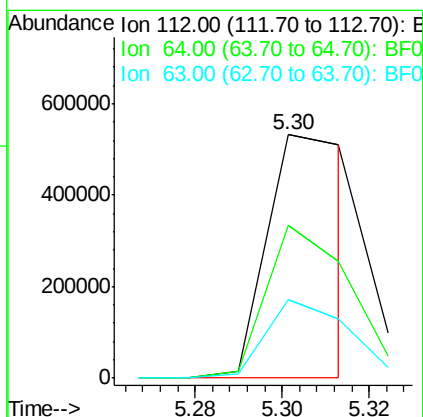
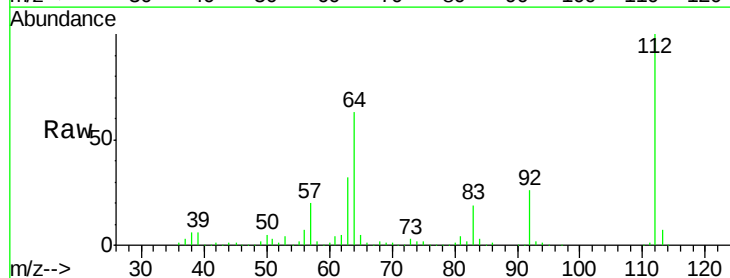
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-BRE

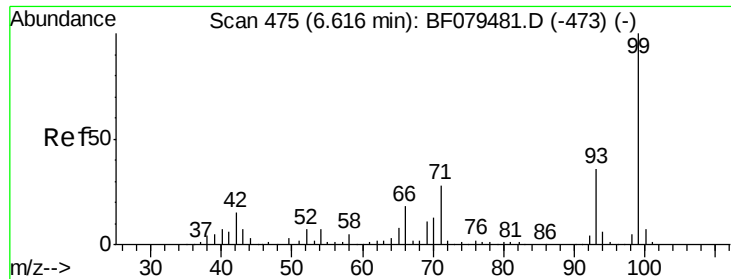
Tgt Ion:152 Resp: 140356
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.0 186.0
 115 61.4 49.6 74.4



#5
 2-Fluorophenol
 Concen: 89.55 ng
 RT: 5.30 min Scan# 360
 Delta R.T. 0.00 min
 Lab File: BF079489.D
 Acq: 26 May 2015 21:52

Tgt Ion:112 Resp: 724619
 Ion Ratio Lower Upper
 112 100
 64 62.9 43.5 65.3
 63 32.1 21.8 32.8





#7

Phenol-d6

Concen: 102.22 ng

RT: 6.62 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF079489.D

Acq: 26 May 2015 21:52

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-BRE

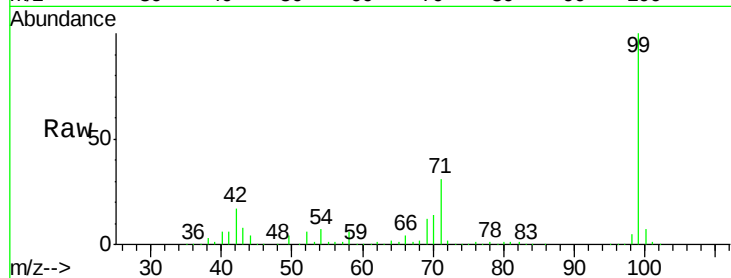
Tgt Ion: 99 Resp: 1054321

Ion Ratio Lower Upper

99 100

42 16.7 11.9 17.9

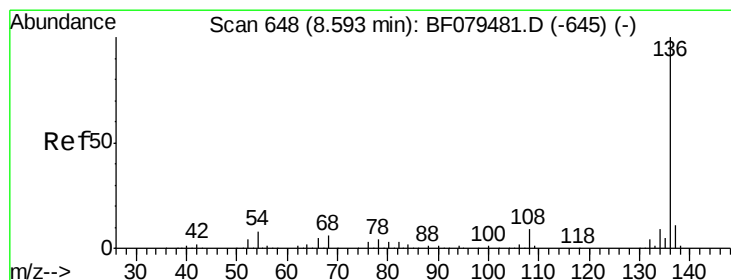
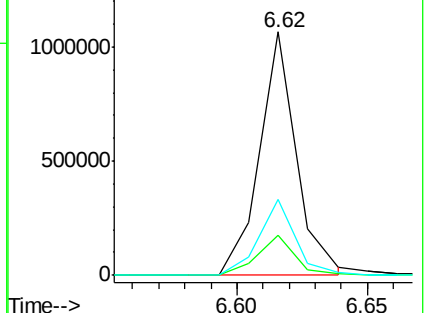
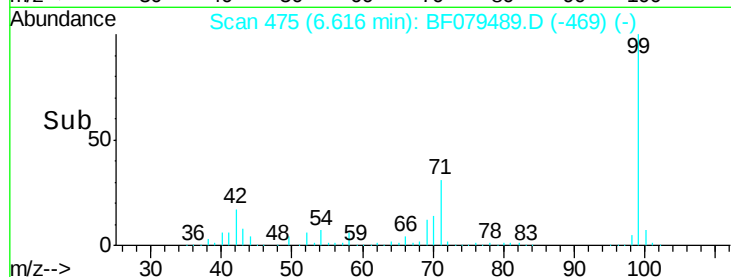
71 31.3 22.1 33.1



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: BF079489.D

Acq: 26 May 2015 21:52

Tgt Ion: 136 Resp: 571822

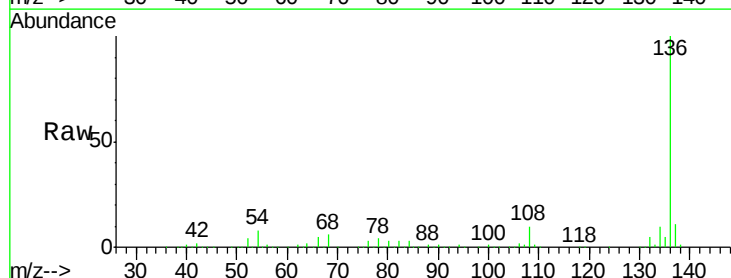
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.7 6.6 9.8

68 6.0 4.7 7.1

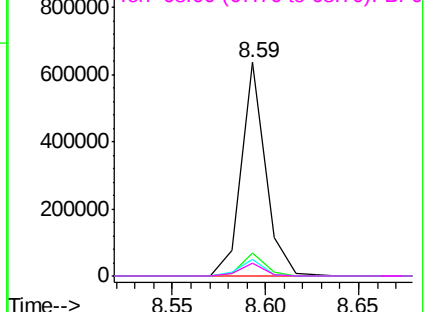
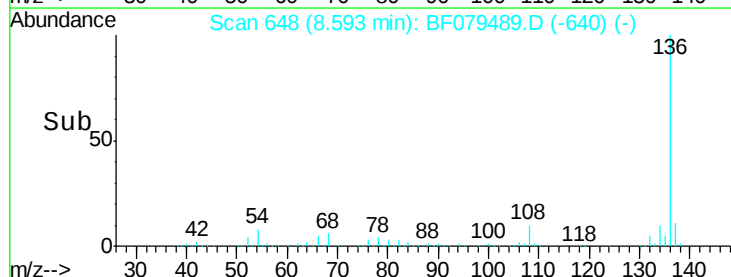


Abundance Ion 136.00 (135.70 to 136.70): E

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

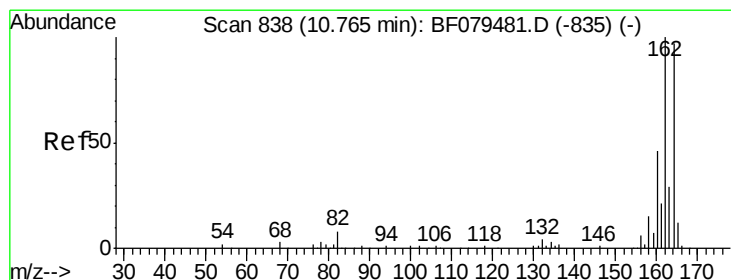
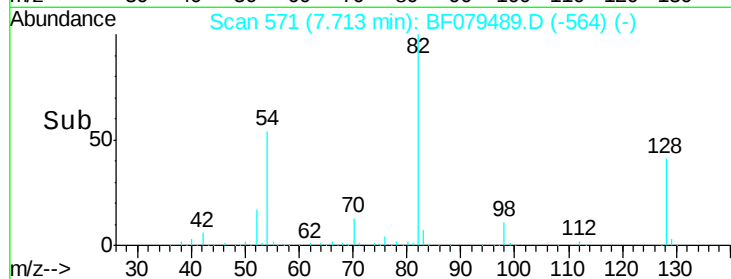
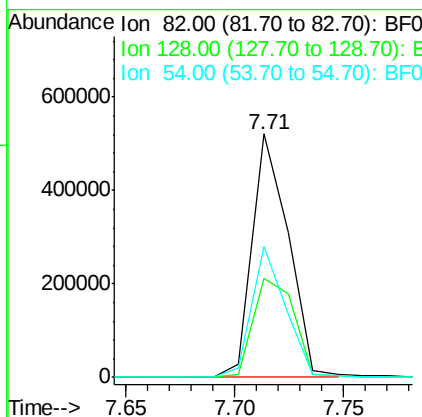
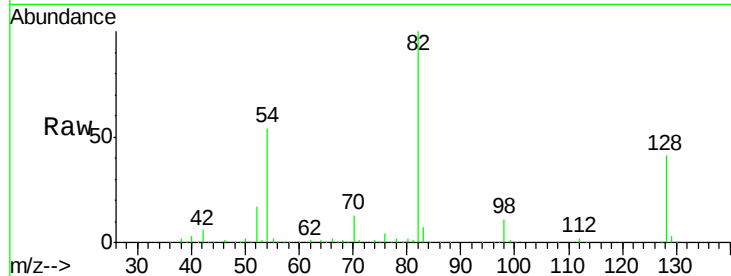




#23
 Nitrobenzene-d5
 Concen: 60.89 ng
 RT: 7.71 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF079489.D
 Acq: 26 May 2015 21:52

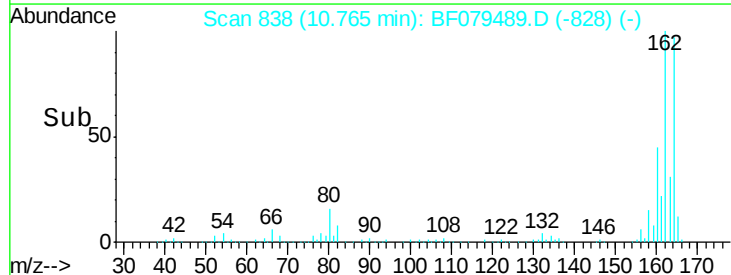
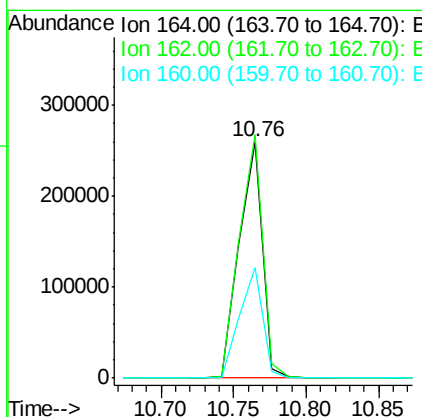
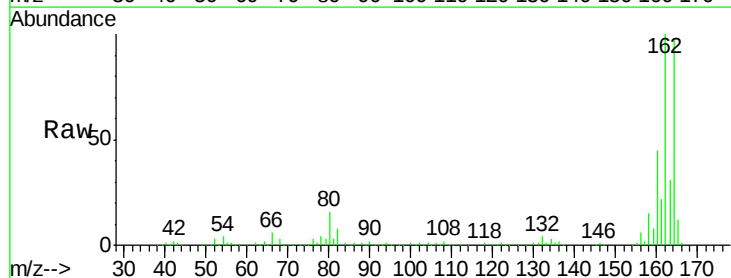
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-BRE

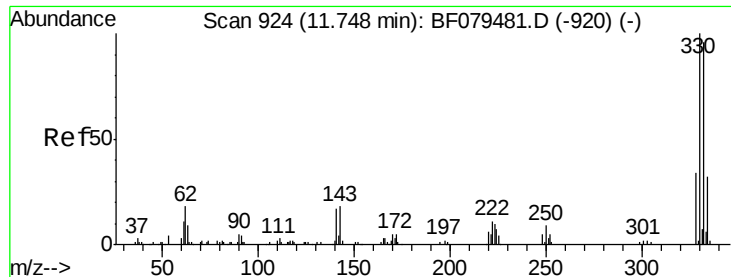
Tgt Ion: 82 Resp: 602328
 Ion Ratio Lower Upper
 82 100
 128 40.7 30.8 46.2
 54 53.8 42.8 64.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF079489.D
 Acq: 26 May 2015 21:52

Tgt Ion: 164 Resp: 288584
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 124.0
 160 46.6 37.7 56.5

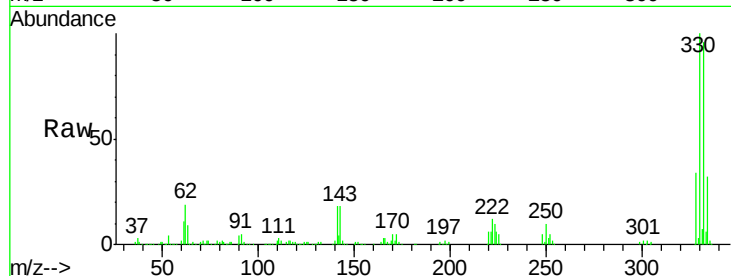




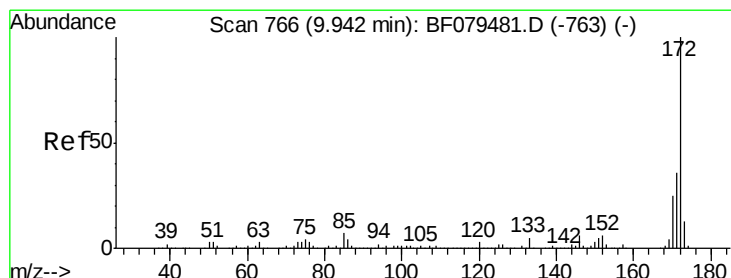
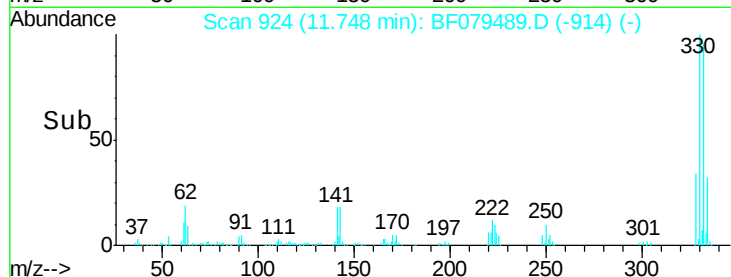
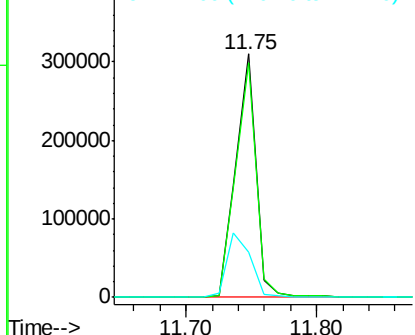
#41
 2,4,6-Tribromophenol
 Concen: 105.94 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF079489.D
 Acq: 26 May 2015 21:52

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	31.0	0.0	0.0#

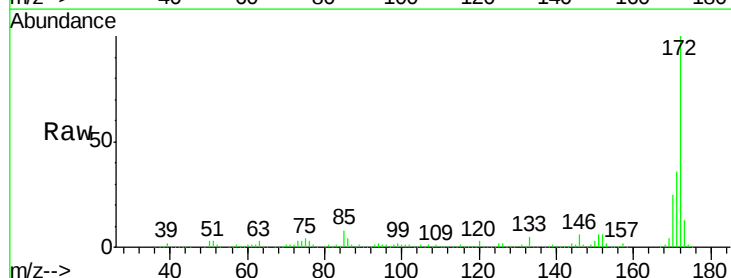


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

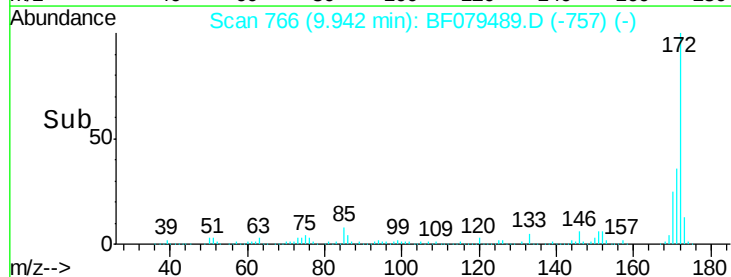
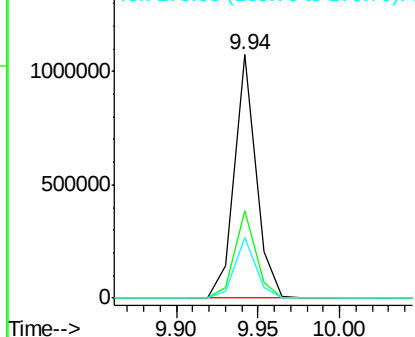


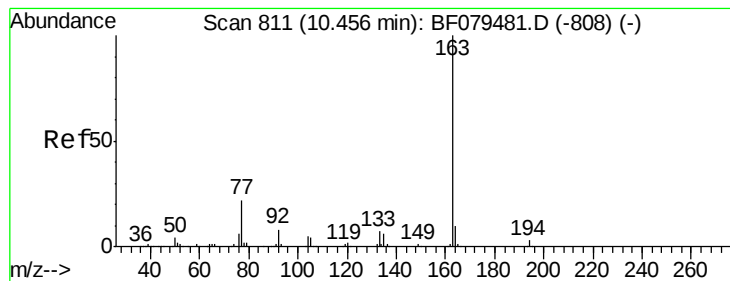
#44
 2-Fluorobiphenyl
 Concen: 48.58 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079489.D
 Acq: 26 May 2015 21:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.8	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: 6.19 ng

RT: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF079489.D

Acq: 26 May 2015 21:52

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-BRE

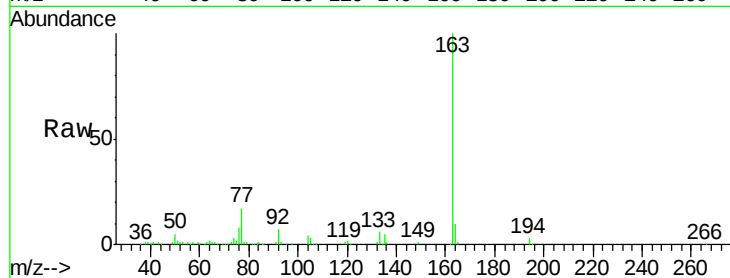
Tgt Ion:163 Resp: 131704

Ion Ratio Lower Upper

163 100

194 3.4 2.4 3.6

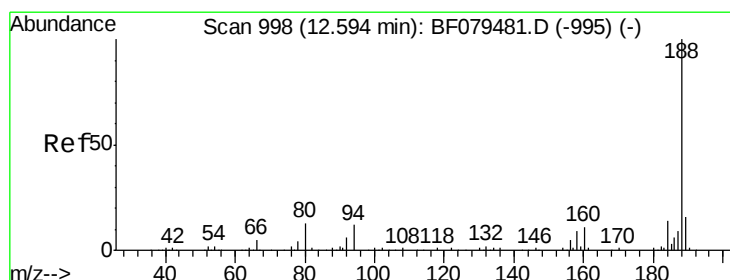
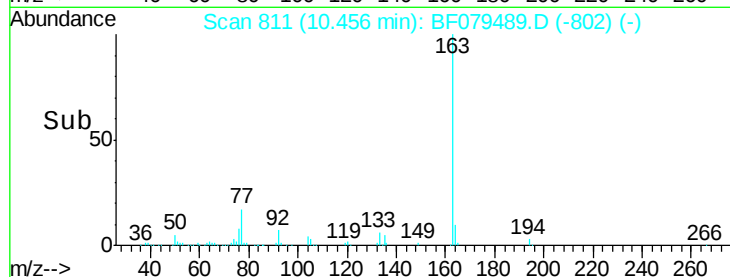
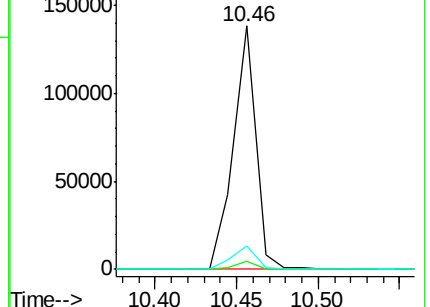
164 9.9 8.2 12.4



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: BF079489.D

Acq: 26 May 2015 21:52

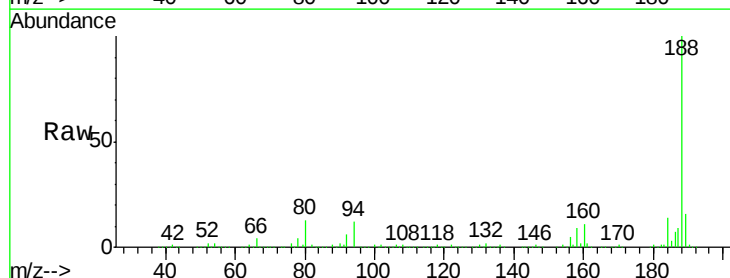
Tgt Ion:188 Resp: 538835

Ion Ratio Lower Upper

188 100

94 12.1 9.8 14.6

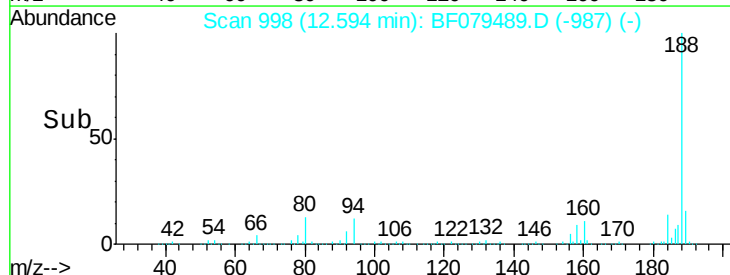
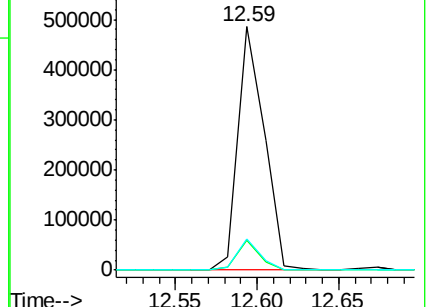
80 13.0 10.5 15.7

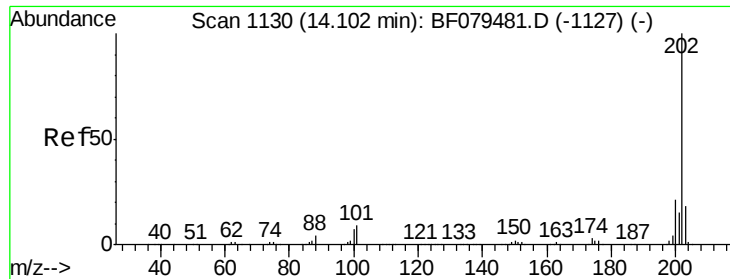


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

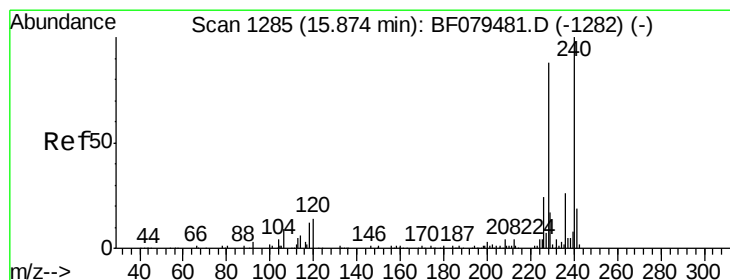
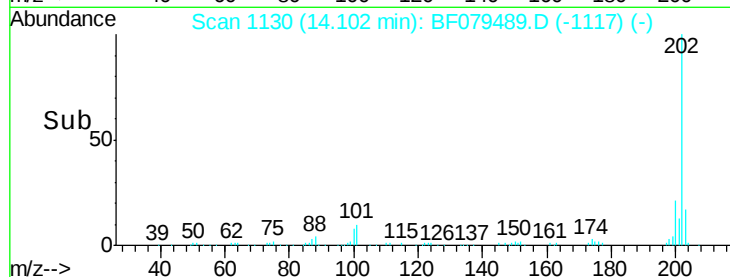
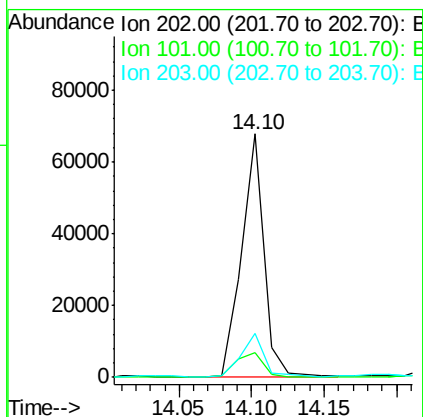
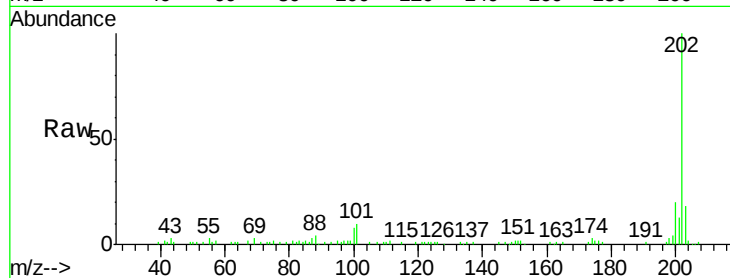




#74
 Fluoranthene
 Concen: 2.30 ng
 RT: 14.10 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF079489.D
 Acq: 26 May 2015 21:52

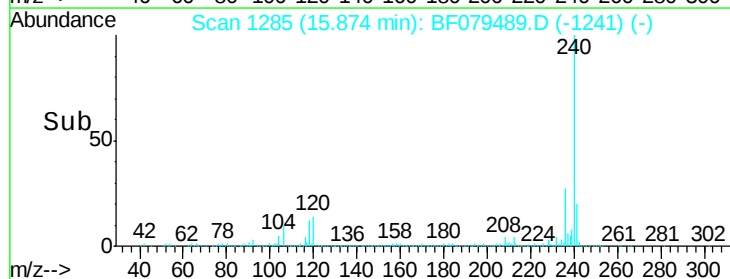
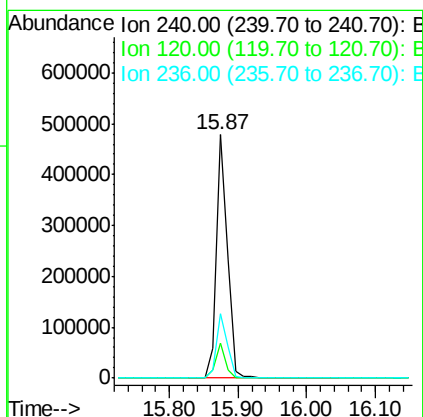
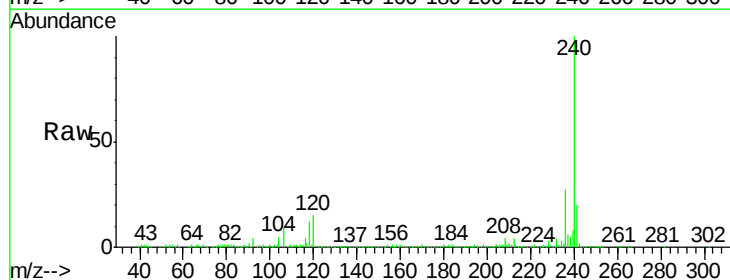
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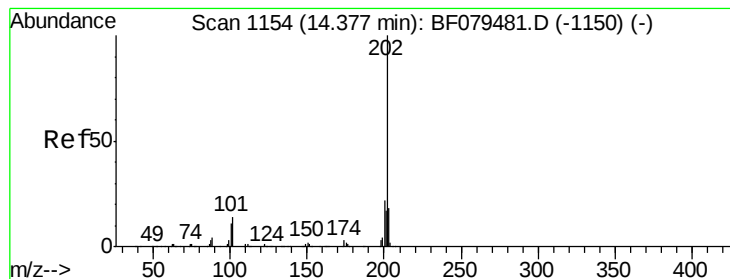
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	29.3
203	17.9	0.0	37.6



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.87 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF079489.D
 Acq: 26 May 2015 21:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	10.8	16.2
236	26.7	21.0	31.6





#77

Pyrene

Concen: 2.14 ng

RT: 14.38 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF079489.D

Acq: 26 May 2015 21:52

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-BRE

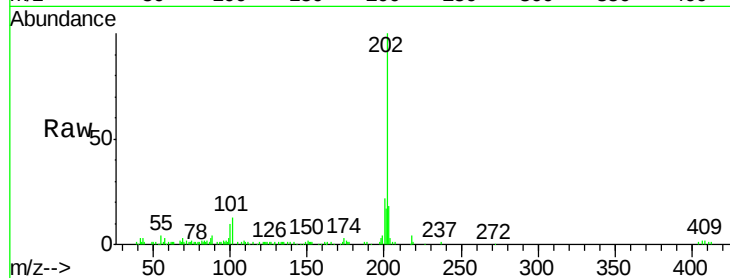
Tgt Ion:202 Resp: 73106

Ion Ratio Lower Upper

202 100

200 22.1 17.5 26.3

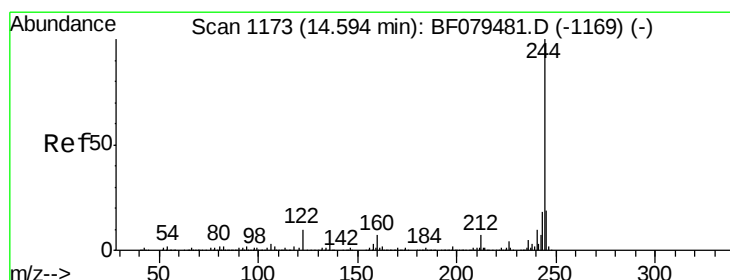
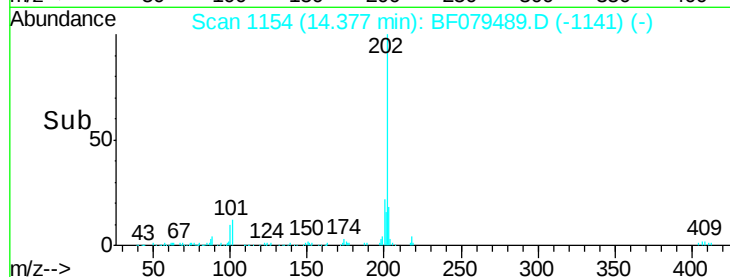
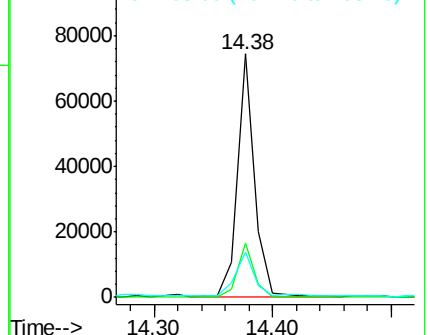
203 18.4 14.4 21.6



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: 49.37 ng

RT: 14.59 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF079489.D

Acq: 26 May 2015 21:52

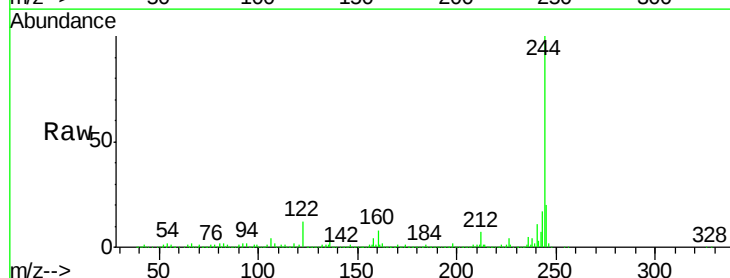
Tgt Ion:244 Resp: 1159929

Ion Ratio Lower Upper

244 100

212 7.1 5.2 7.8

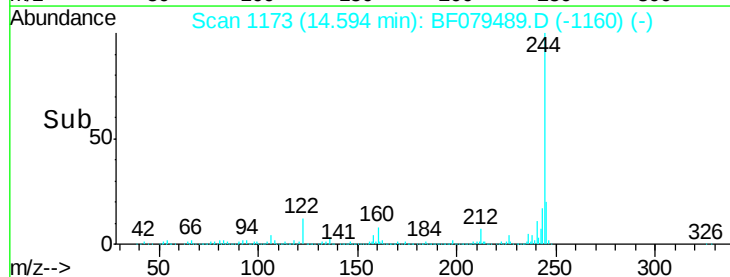
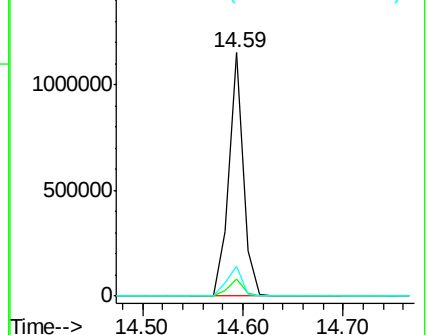
122 12.4 8.0 12.0#

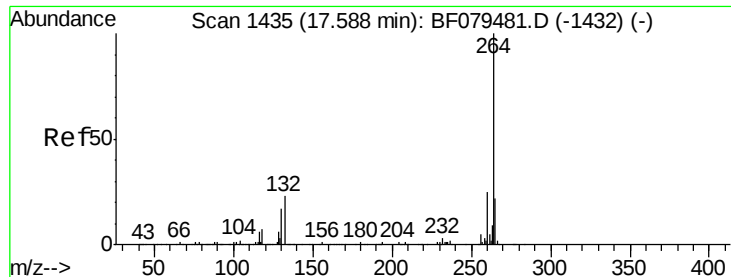


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

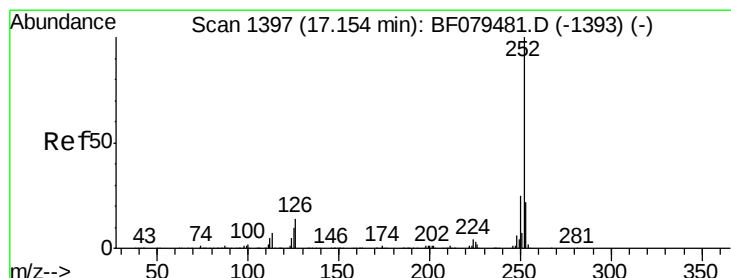
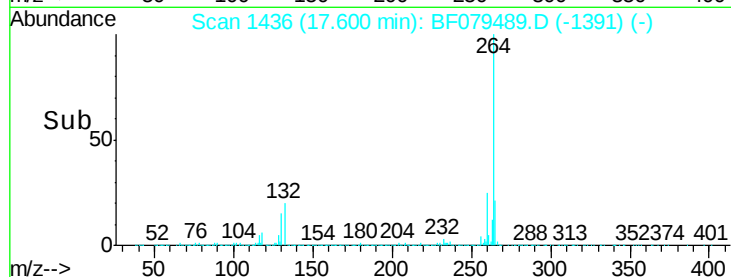
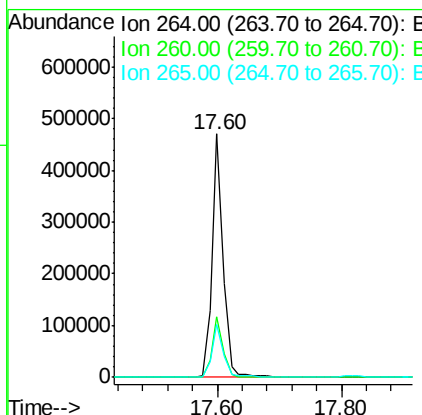
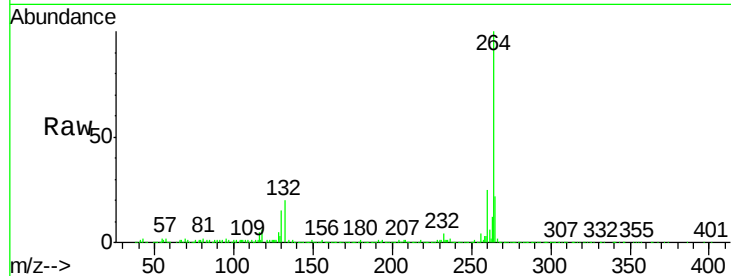




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.60 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF079489.D
Acq: 26 May 2015 21:52

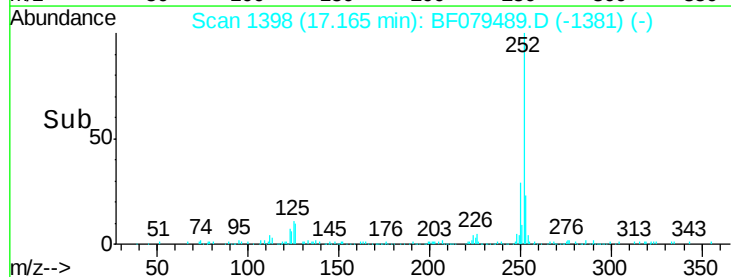
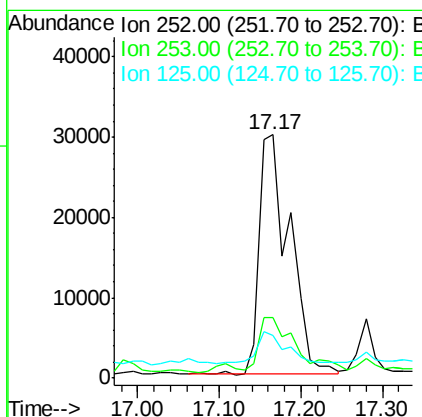
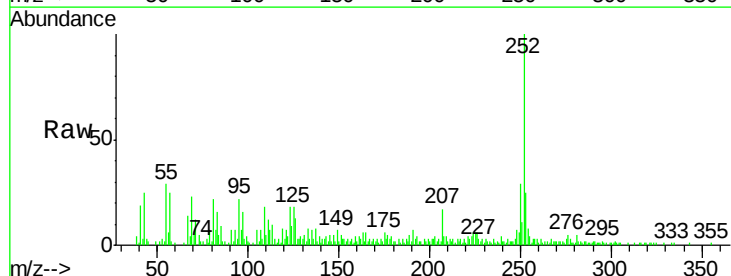
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-015-BRE

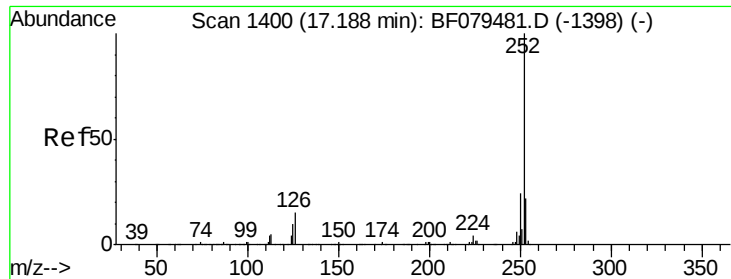
Tgt Ion:264 Resp: 568541
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 21.6 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 2.37 ng
RT: 17.17 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF079489.D
Acq: 26 May 2015 21:52

Tgt Ion:252 Resp: 76723
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 17.7 7.8 11.6#





#88

Benzo(k)fluoranthene

Concen: 2.65 ng

RT: 17.17 min Scan# 1398

Delta R.T. -0.02 min

Lab File: BF079489.D

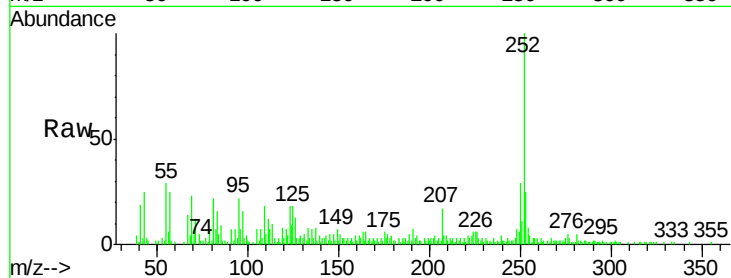
Acq: 26 May 2015 21:52

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-BRE



Tgt Ion:	252	Resp:	76723
Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	17.7	6.8	10.2#

