

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016879.D
 Acq On : 6 May 2015 00:54
 Operator : TP/IZ
 Sample : G2111-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016

Quant Time: May 06 03:50:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 03:35:52 2015
 Response via : Initial Calibration

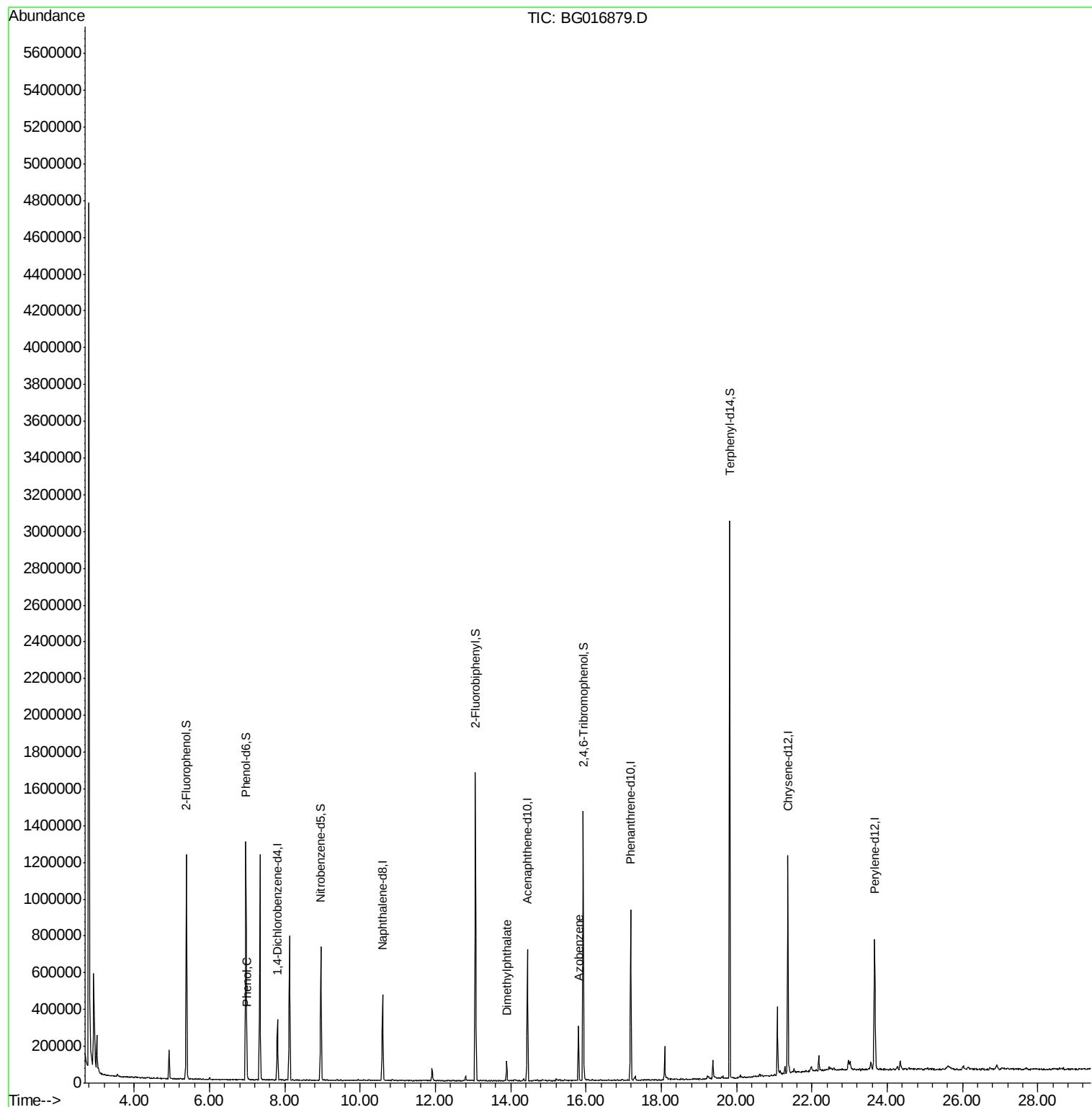
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	77744	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	344894	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	223037	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	503814	20.00	ng	0.00
75) Chrysene-d12	21.36	240	519809	20.00	ng	0.00
86) Perylene-d12	23.67	264	507358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	431090	96.55	ng	0.00
7) Phenol-d6	6.96	99	601455	94.29	ng	0.00
23) Nitrobenzene-d5	8.96	82	383841	54.37	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	198576	88.69	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	750851	50.80	ng	0.00
78) Terphenyl-d14	19.81	244	1156663	52.16	ng	0.00
Target Compounds						
10) Phenol	6.99	94	18502	2.70	ng	87
32) Benzoic acid	9.89	122	56	Below Cal	#	1
49) Dimethylphthalate	13.90	163	59672	3.58	ng	98
62) Azobenzene	15.80	77	80319	4.41	ng	# 1

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

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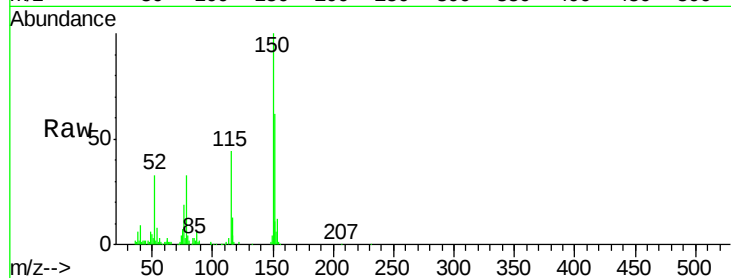


#1

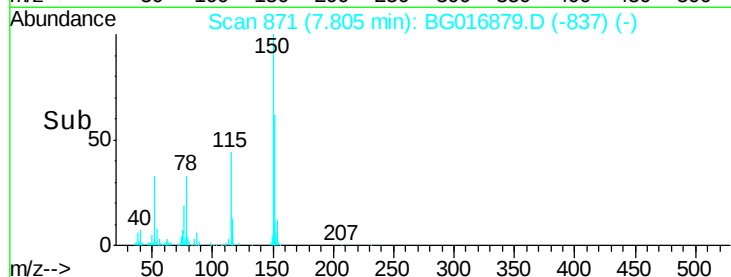
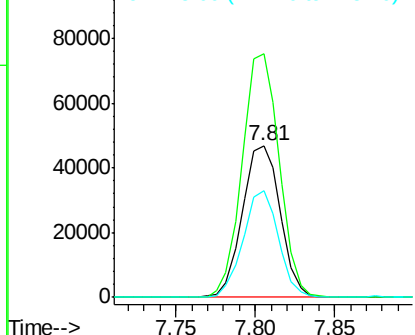
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. 0.00 min
Lab File: BG016879.D
Acq: 6 May 2015 00:54

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016

Tgt Ion:152 Resp: 77744
Ion Ratio Lower Upper
152 100
150 160.2 121.0 181.4
115 70.1 50.5 75.7



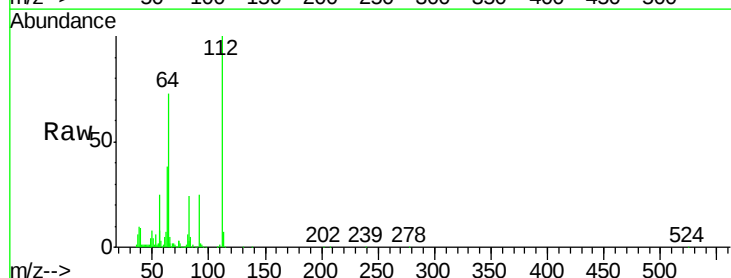
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



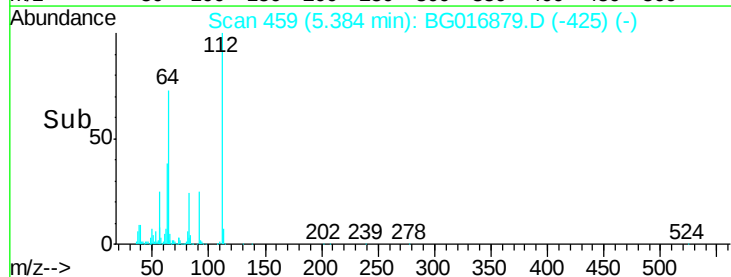
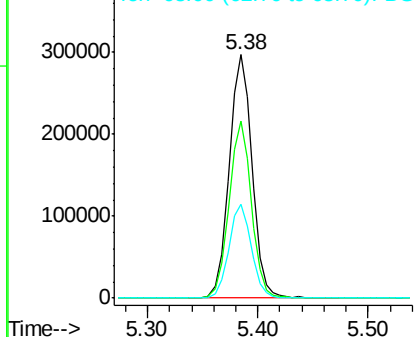
#5

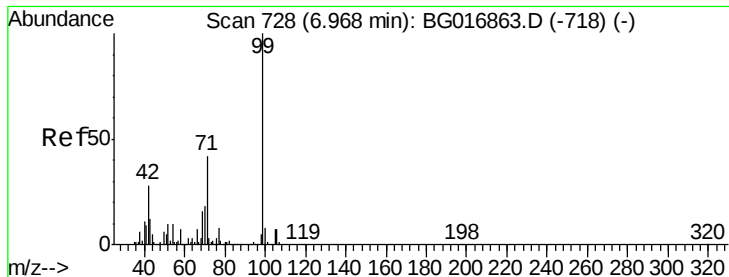
2-Fluorophenol
Concen: 96.55 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG016879.D
Acq: 6 May 2015 00:54

Tgt Ion:112 Resp: 431090
Ion Ratio Lower Upper
112 100
64 72.5 51.4 77.2
63 38.4 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 94.29 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016879.D

Acq: 6 May 2015 00:54

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016

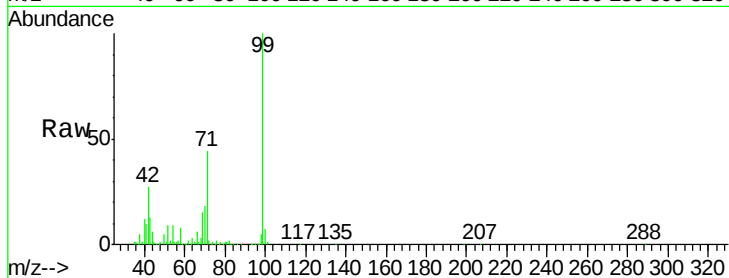
Tgt Ion: 99 Resp: 601455

Ion Ratio Lower Upper

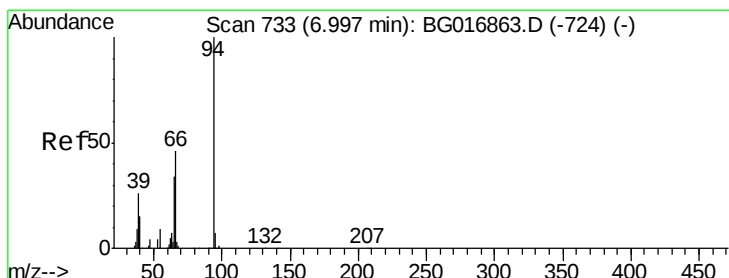
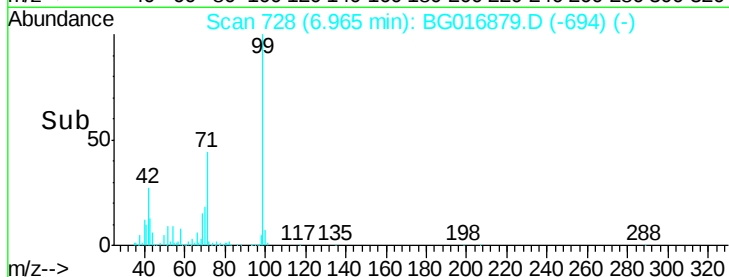
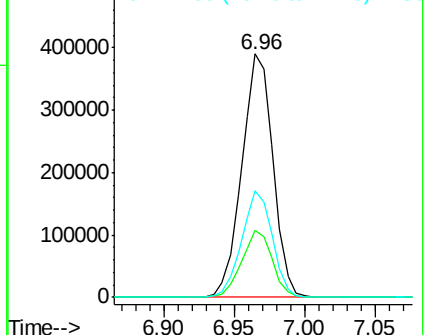
99 100

42 27.3 22.1 33.1

71 43.7 33.4 50.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.70 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016879.D

Acq: 6 May 2015 00:54

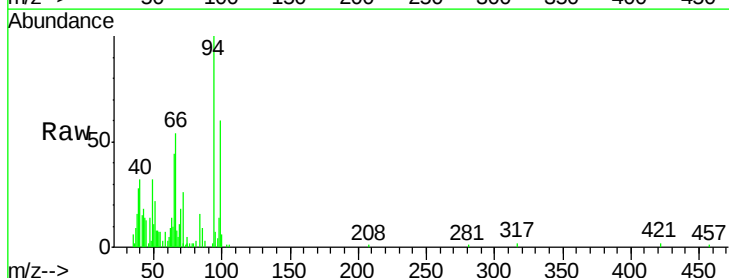
Tgt Ion: 94 Resp: 18502

Ion Ratio Lower Upper

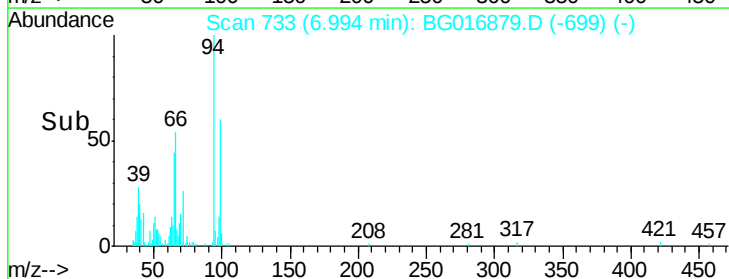
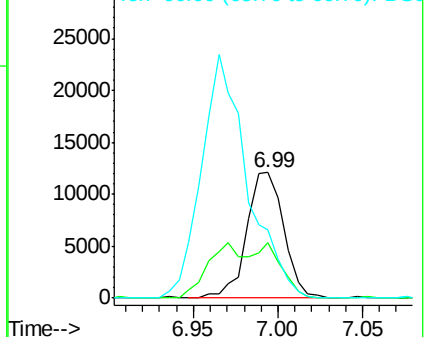
94 100

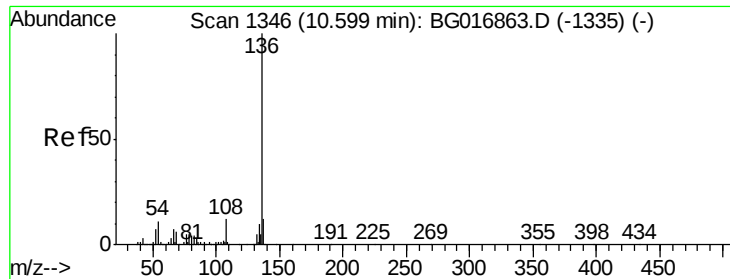
65 44.2 14.3 54.3

66 54.0 26.9 66.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

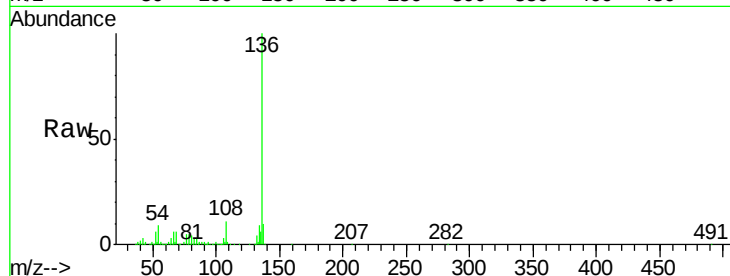




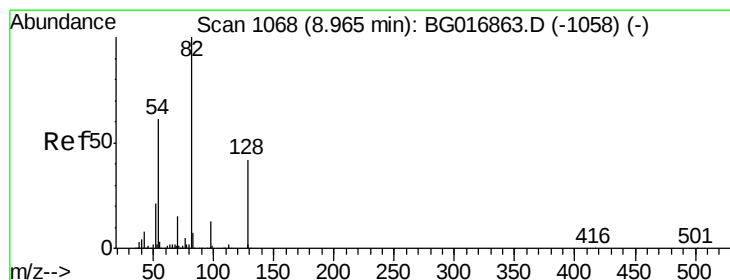
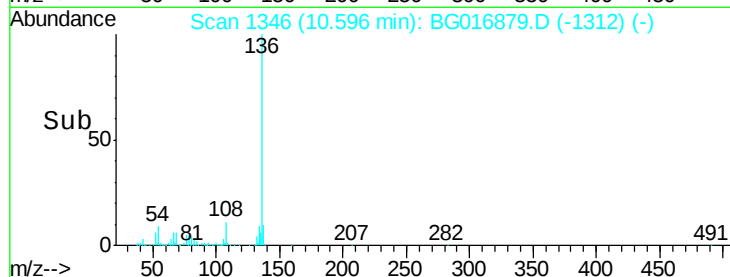
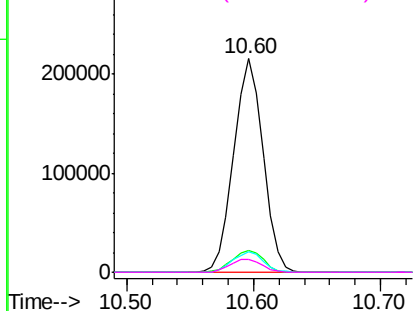
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG016879.D
Acq: 6 May 2015 00:54

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016

Tgt Ion:	136	Resp:	344894
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.8	14.8
54	9.4	8.7	13.1
68	6.1	5.0	7.4

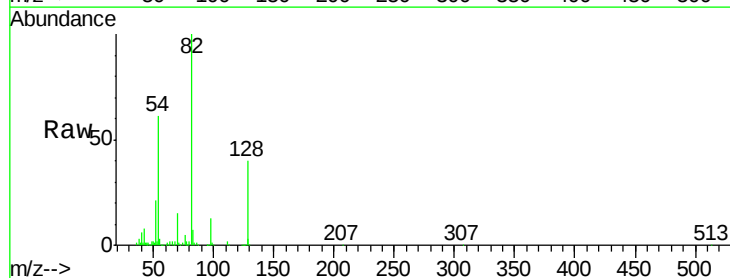


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

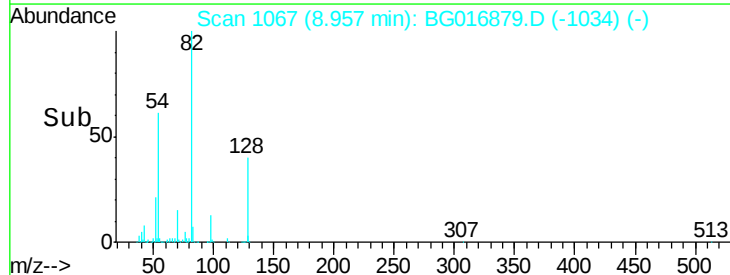
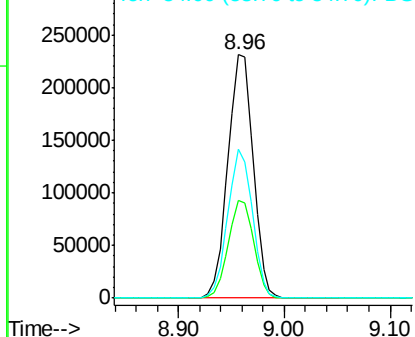


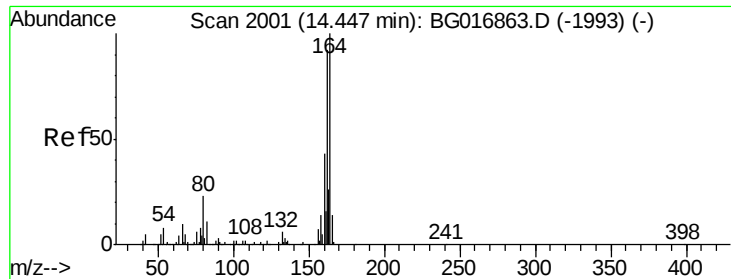
#23
Nitrobenzene-d5
Concen: 54.37 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG016879.D
Acq: 6 May 2015 00:54

Tgt Ion:	82	Resp:	383841
Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.2	49.8
54	61.4	48.6	72.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.44 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG016879.D

Acq: 6 May 2015 00:54

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016

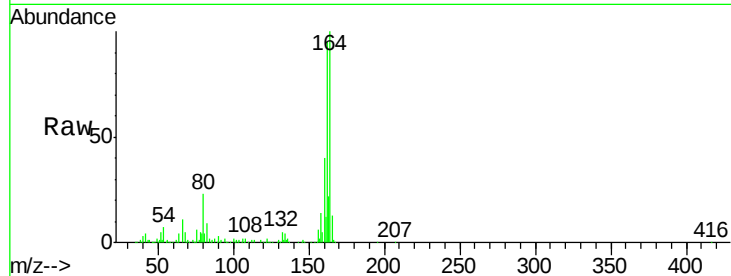
Tgt Ion:164 Resp: 223037

Ion Ratio Lower Upper

164 100

162 94.6 74.0 111.0

160 40.1 34.7 52.1



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

200000

150000

100000

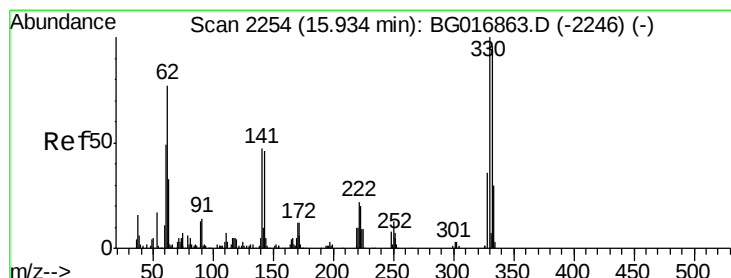
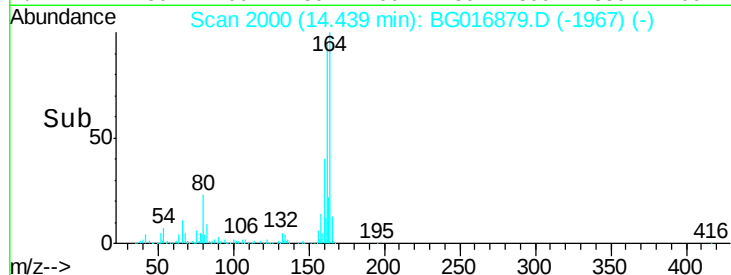
50000

0

14.44

14.35 14.40 14.45 14.50

Time-->



#41

2,4,6-Tribromophenol

Concen: 88.69 ng

RT: 15.93 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG016879.D

Acq: 6 May 2015 00:54

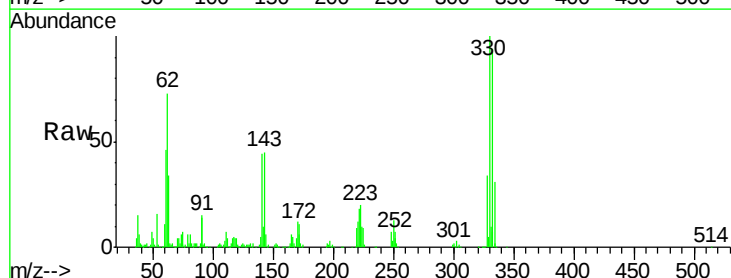
Tgt Ion:330 Resp: 198576

Ion Ratio Lower Upper

330 100

332 94.7 0.0 0.0#

141 51.7 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

200000

150000

100000

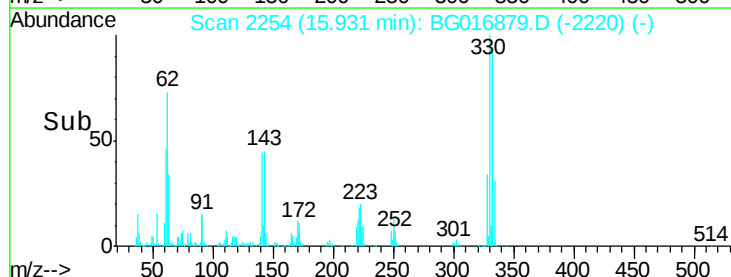
50000

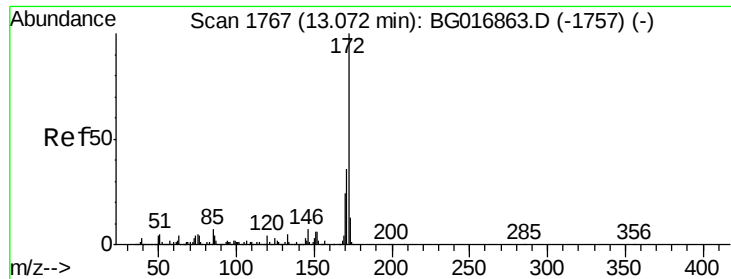
0

15.93

15.90 16.00

Time-->

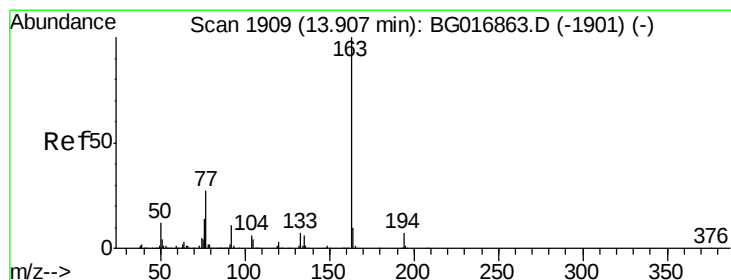
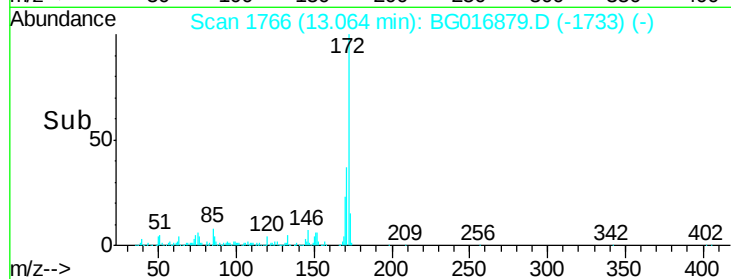
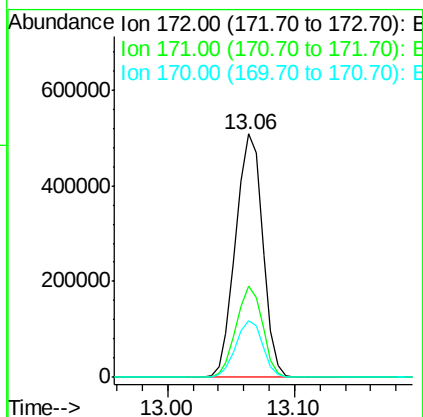
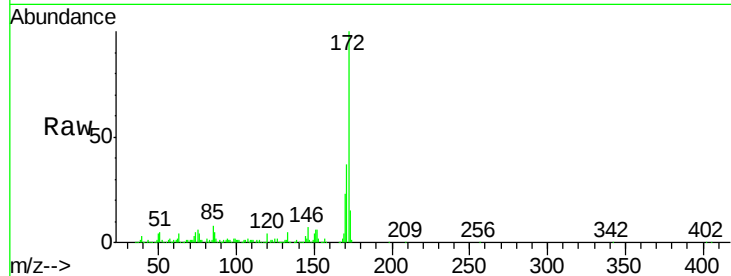




#44
2-Fluorobiphenyl
Concen: 50.80 ng
RT: 13.06 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG016879.D
Acq: 6 May 2015 00:54

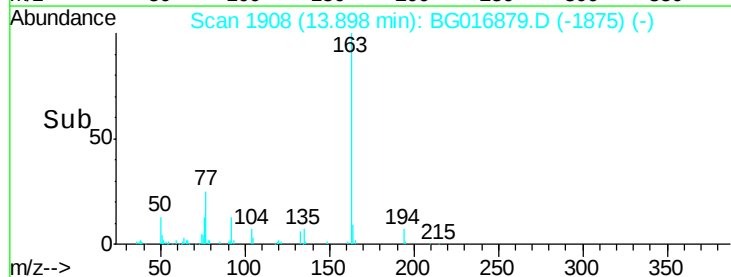
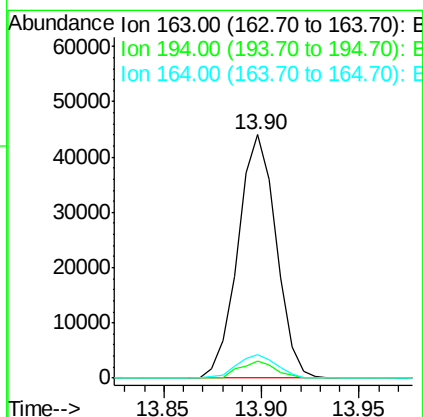
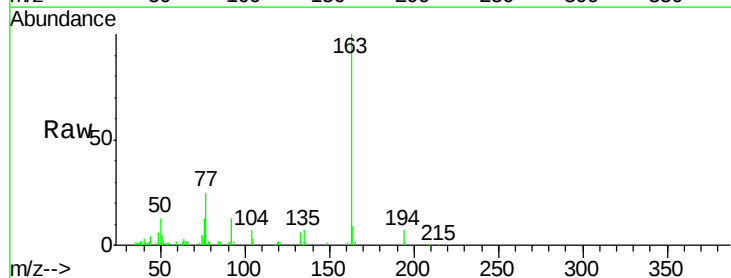
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016

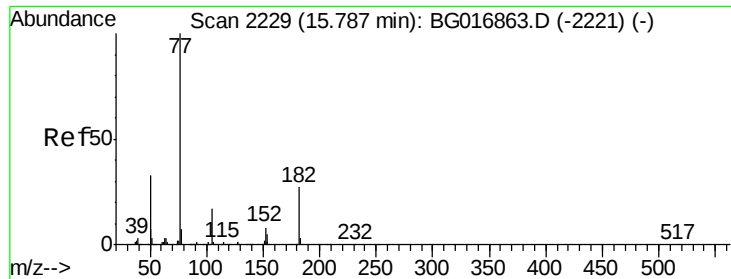
Tgt Ion:	172	Resp:	750851
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.4
170	23.2	19.0	28.4



#49
Dimethylphthalate
Concen: 3.58 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG016879.D
Acq: 6 May 2015 00:54

Tgt Ion:	163	Resp:	59672
Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.2	7.8
164	9.5	8.4	12.6





#62

Azobenzene

Concen: 4.41 ng

RT: 15.80 min Scan# 2232

Delta R.T. 0.02 min

Lab File: BG016879.D

Acq: 6 May 2015 00:54

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016

Tgt Ion: 77 Resp: 80319

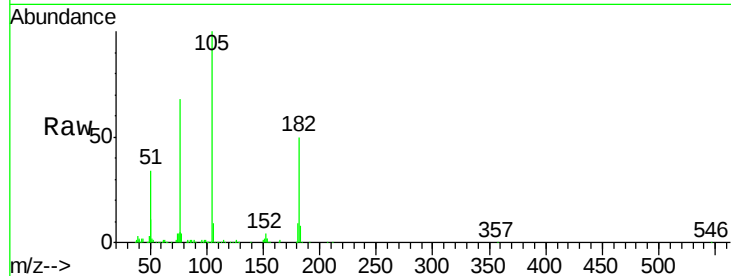
Ion Ratio Lower Upper

77 100

182 73.5 7.4 47.4#

105 147.8 0.0 36.6#

51 50.5 13.4 53.4

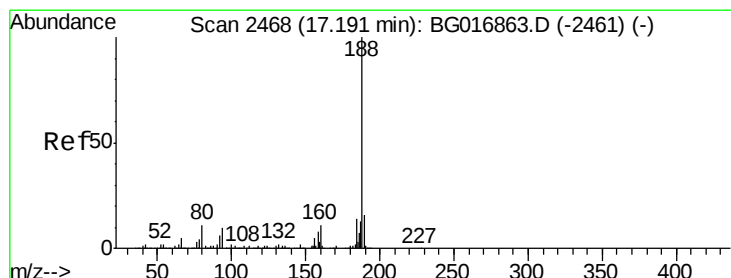
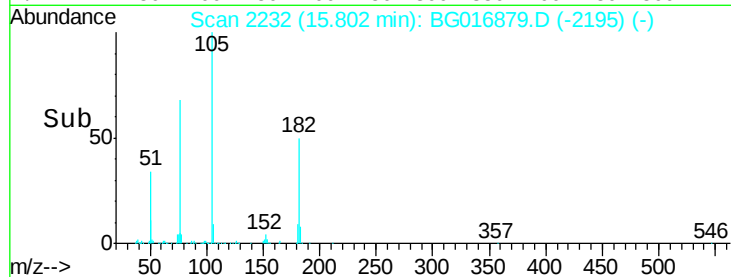
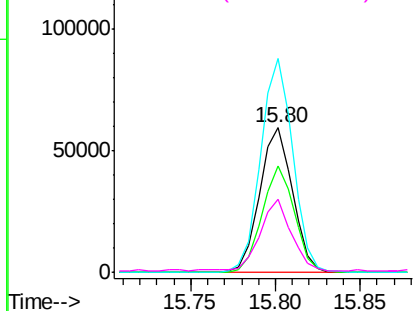


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG016879.D

Acq: 6 May 2015 00:54

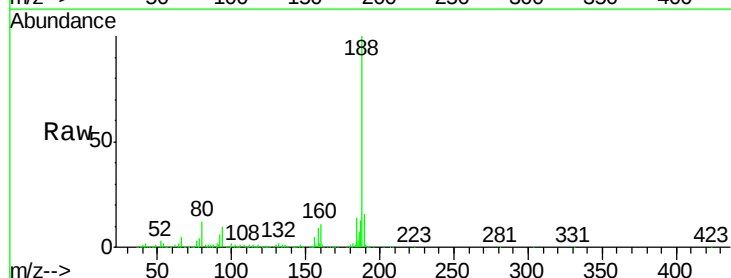
Tgt Ion: 188 Resp: 503814

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

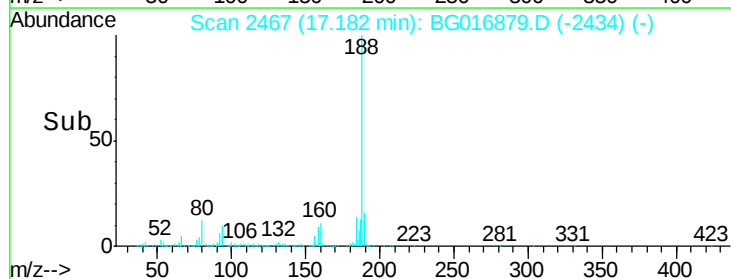
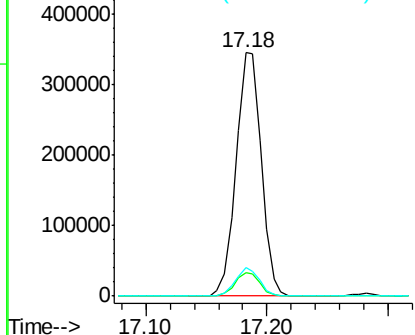
80 11.5 8.8 13.2

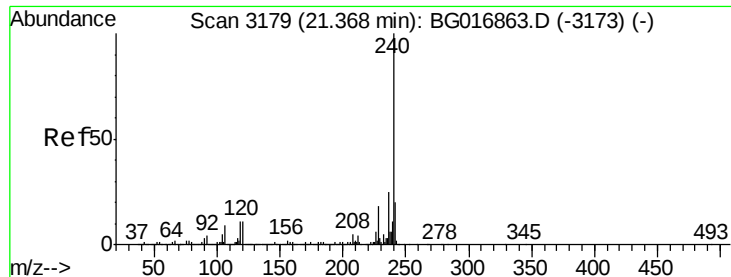


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG016879.D

Acq: 6 May 2015 00:54

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016

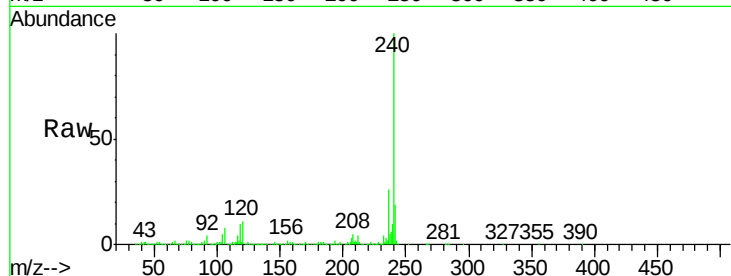
Tgt Ion:240 Resp: 519809

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

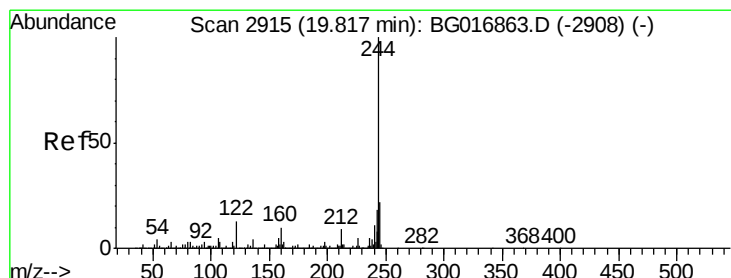
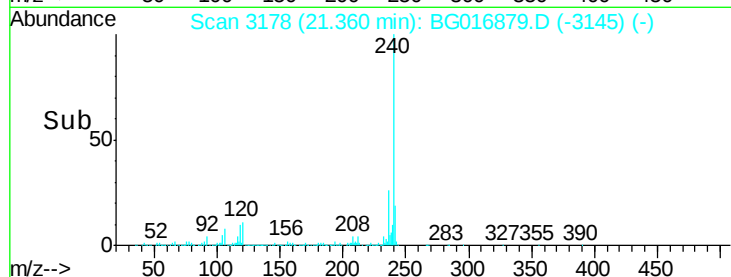
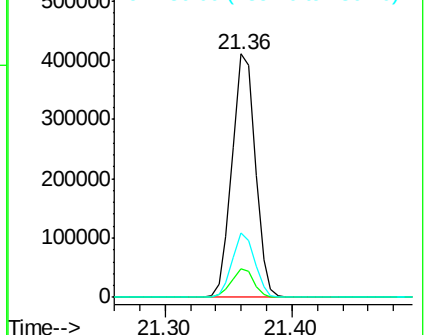
236 26.4 20.2 30.4



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: 52.16 ng

RT: 19.81 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG016879.D

Acq: 6 May 2015 00:54

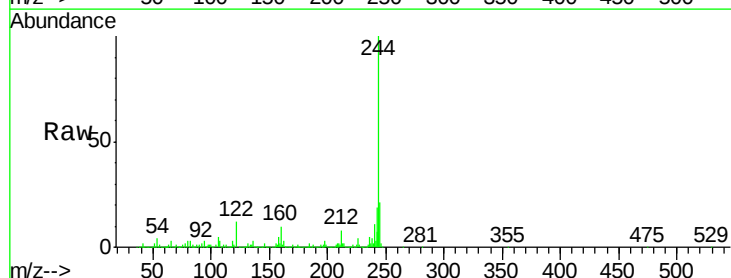
Tgt Ion:244 Resp: 1156663

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

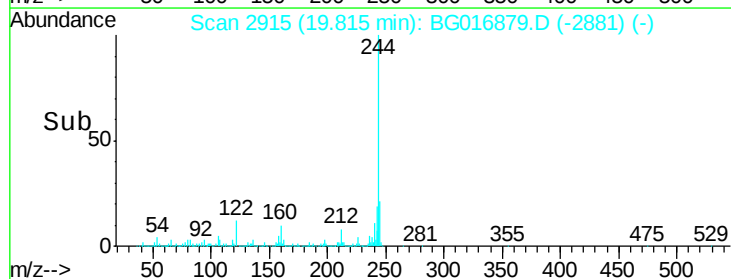
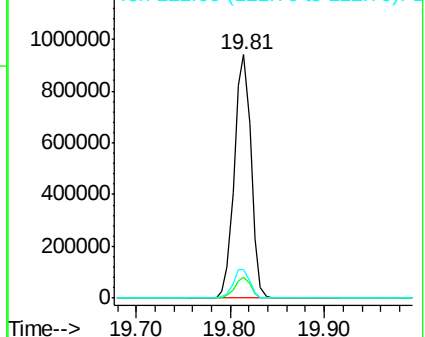
122 11.9 10.4 15.6

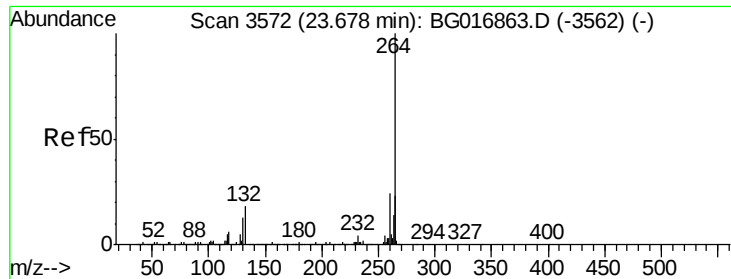


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.67 min Scan# 3571
Delta R.T. 0.00 min
Lab File: BG016879.D
Acq: 6 May 2015 00:54

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016

Tgt Ion: 264 Resp: 507358
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 19.9 18.5 27.7

