

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
 Data File : BG023170.D
 Acq On : 18 Jul 2016 22:37
 Operator : UM/SJ
 Sample : H4044-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F9-B2(6-11)C

Quant Time: Jul 19 01:06:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

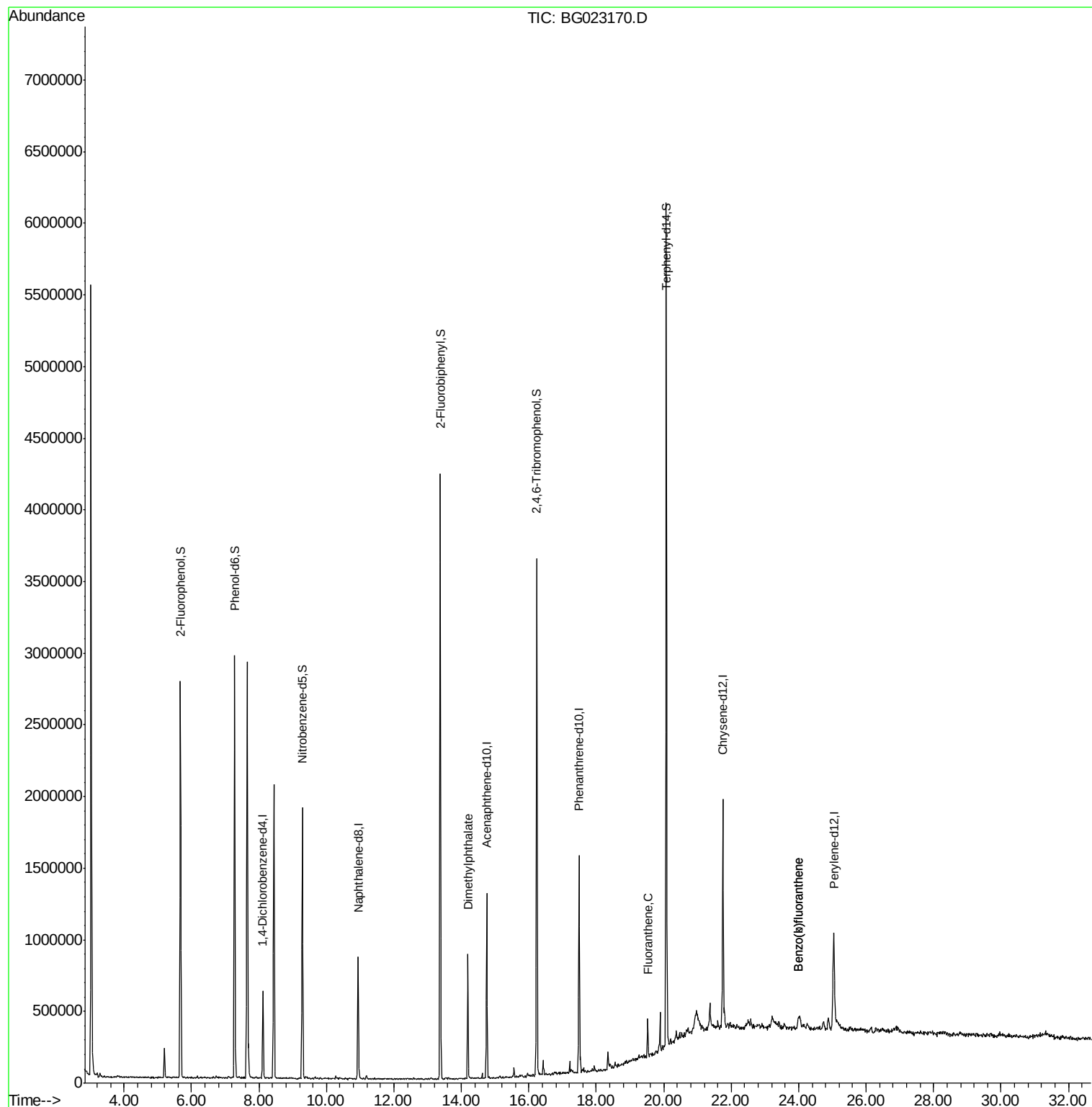
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	151454	20.00	ng	-0.04
21) Naphthalene-d8	10.94	136	671522	20.00	ng	-0.04
38) Acenaphthene-d10	14.75	164	434471	20.00	ng	-0.05
63) Phenanthrene-d10	17.49	188	911535	20.00	ng	-0.07
75) Chrysene-d12	21.75	240	894327	20.00	ng	-0.10
86) Perylene-d12	25.04	264	873825	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1088295	117.52	ng	-0.02
7) Phenol-d6	7.28	99	1642491	113.24	ng	-0.03
23) Nitrobenzene-d5	9.29	82	1237318	78.90	ng	-0.04
41) 2,4,6-Tribromophenol	16.23	330	626639	80.25	ng	-0.06
44) 2-Fluorobiphenyl	13.37	172	1983515	71.91	ng	-0.04
78) Terphenyl-d14	20.08	244	2185345	73.64	ng	-0.08
Target Compounds						
49) Dimethylphthalate	14.19	163	514271	14.49	ng	Qvalue 98
74) Fluoranthene	19.53	202	166440	3.04	ng	97
87) Benzo(b)fluoranthene	24.00	252	114275	2.27	ng	# 93
88) Benzo(k)fluoranthene	24.00	252	114275	2.39	ng	# 93

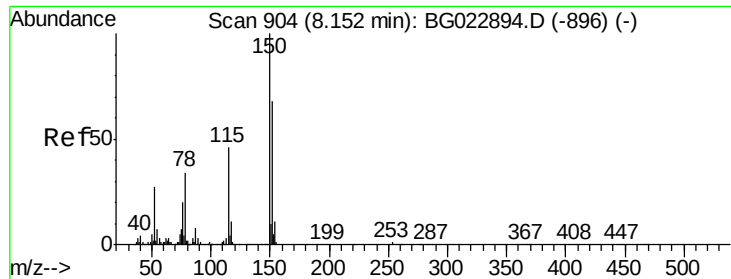
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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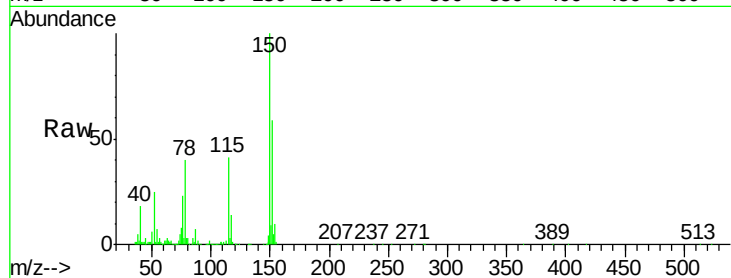


#1

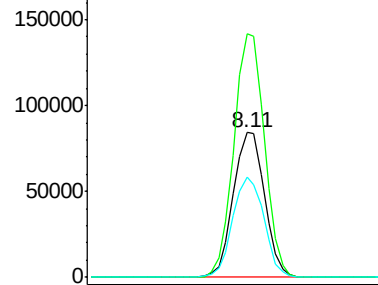
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.04 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

Instrument :
BNA_G
ClientSampleId :
F9-B2(6-11)C

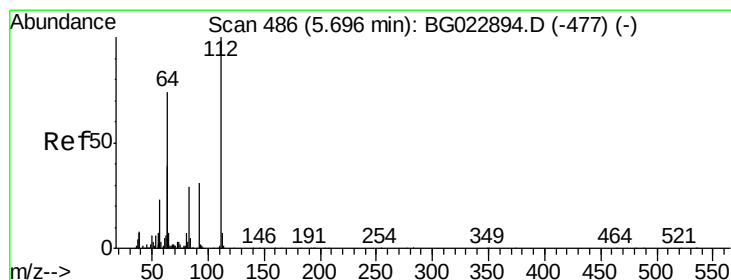
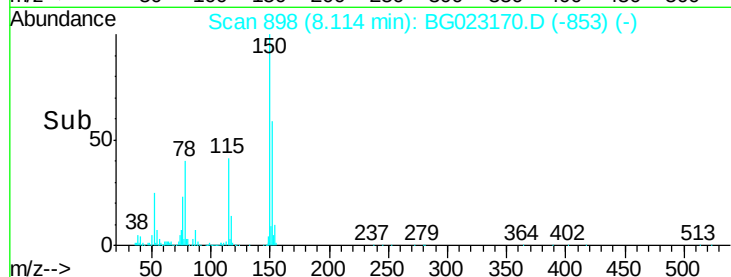
Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.2	144.7	217.1
115	69.4	64.0	96.0



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



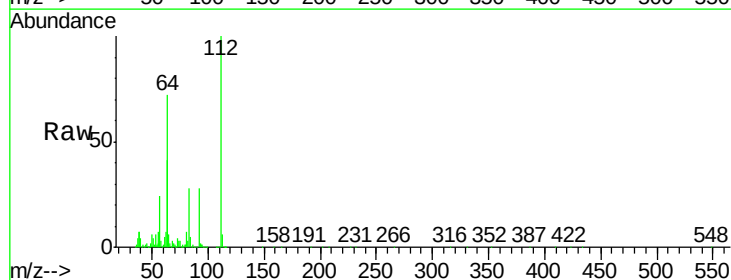
Time-->



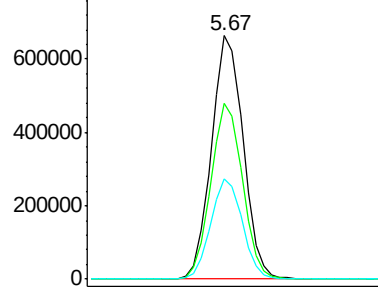
#5

2-Fluorophenol
Concen: 117.52 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

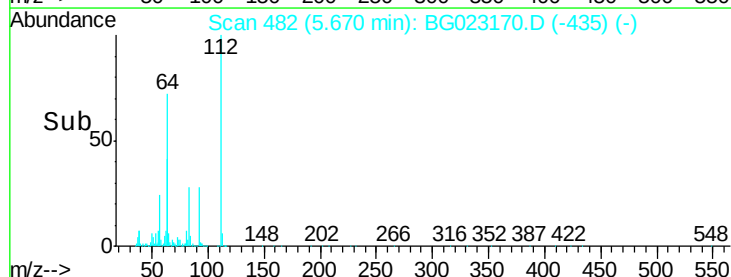
Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	59.0	88.4
63	41.3	37.8	56.8

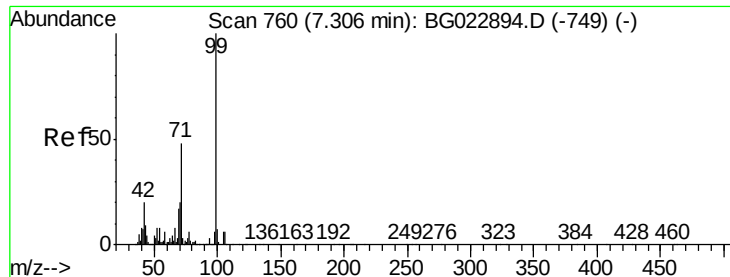


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 113.24 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.03 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

Instrument :

BNA_G

ClientSampleId :

F9-B2(6-11)C

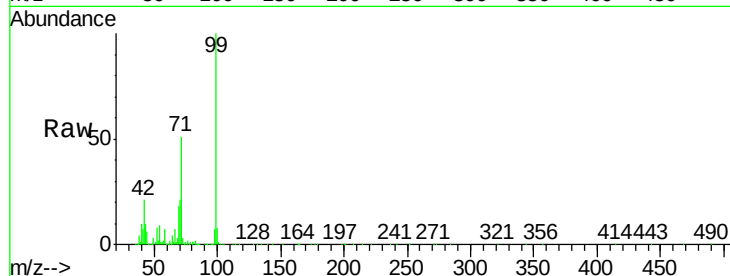
Tgt Ion: 99 Resp: 1642491

Ion Ratio Lower Upper

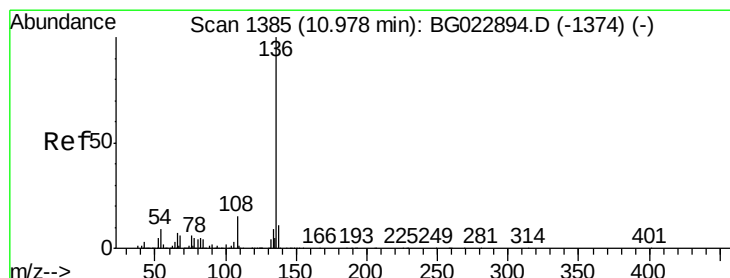
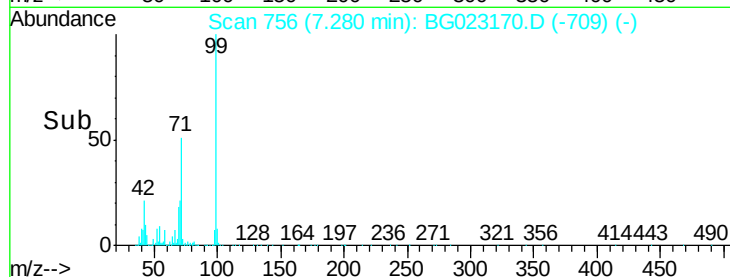
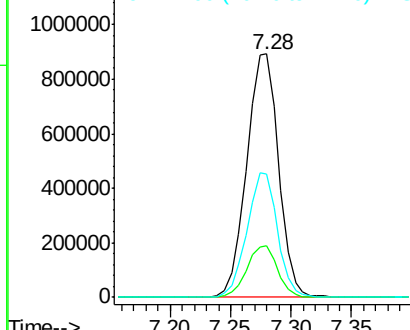
99 100

42 21.2 17.8 26.6

71 50.6 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.04 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

Tgt Ion: 136 Resp: 671522

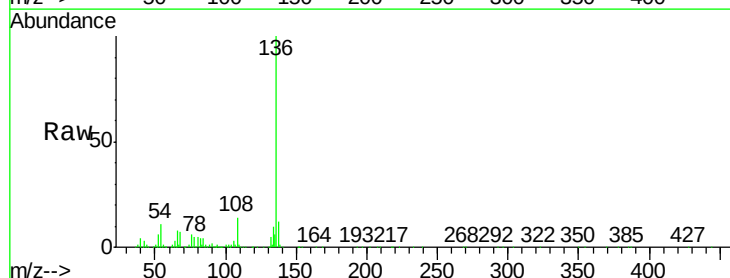
Ion Ratio Lower Upper

136 100

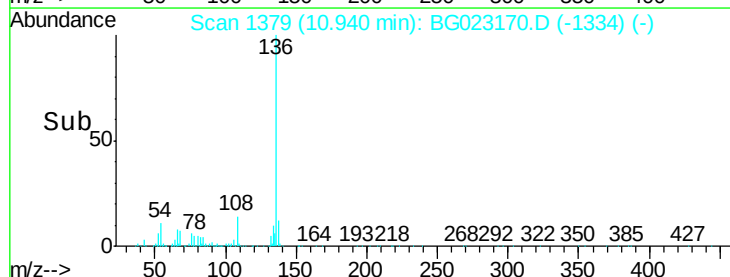
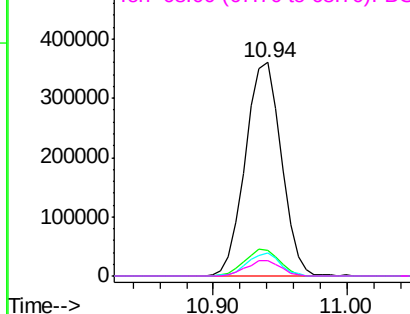
137 12.1 9.6 14.4

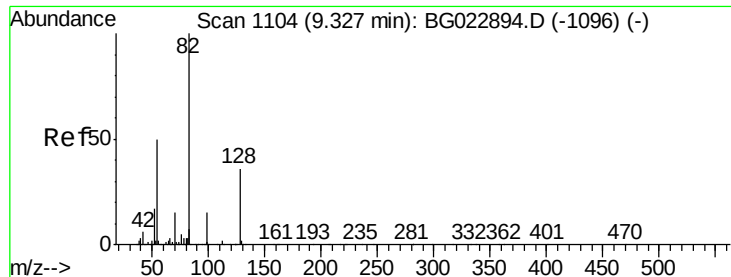
54 10.7 7.3 10.9

68 7.2 5.3 7.9



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





#23

Nitrobenzene-d5

Concen: 78.90 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.04 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

Instrument :

BNA_G

ClientSampleId :

F9-B2(6-11)C

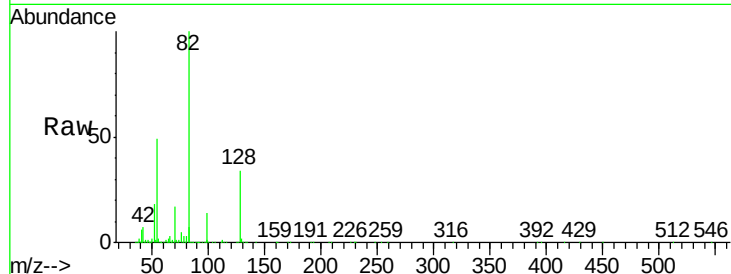
Tgt Ion: 82 Resp: 1237318

Ion Ratio Lower Upper

82 100

128 34.0 24.4 36.6

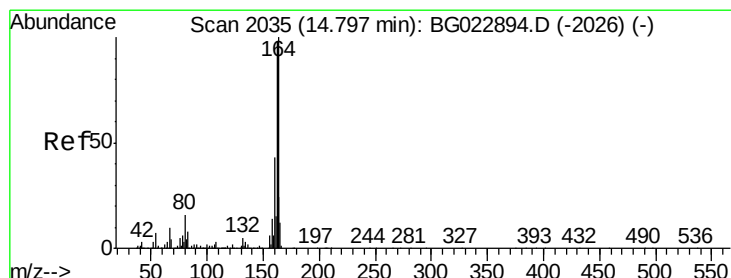
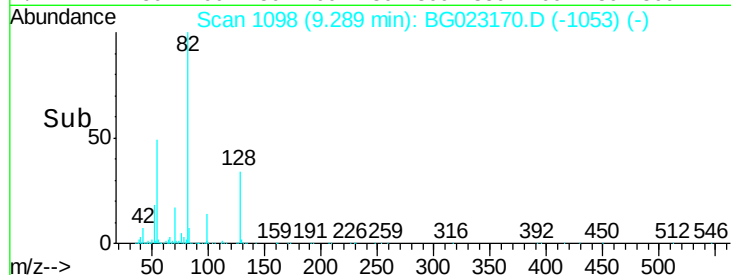
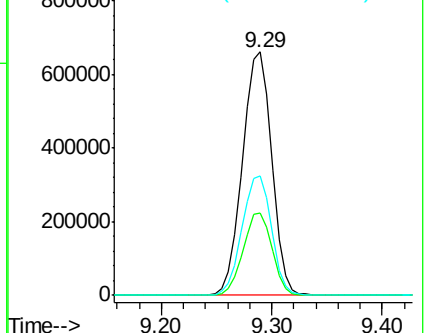
54 49.1 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.05 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

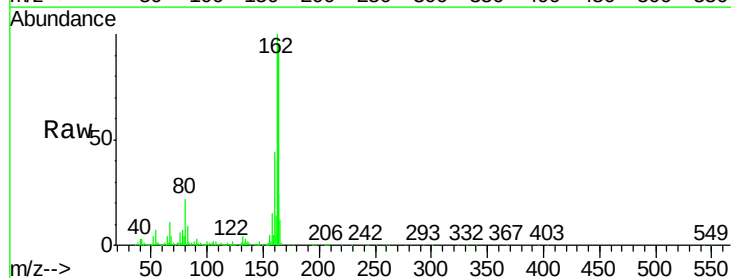
Tgt Ion: 164 Resp: 434471

Ion Ratio Lower Upper

164 100

162 103.8 87.7 131.5

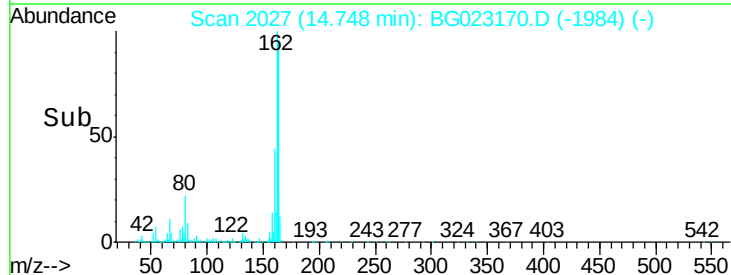
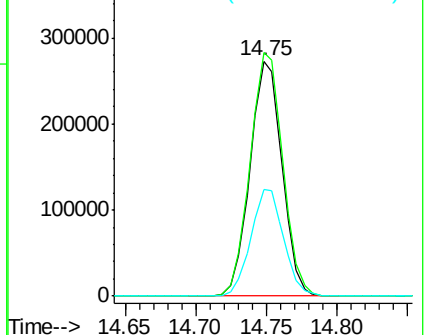
160 45.5 37.2 55.8

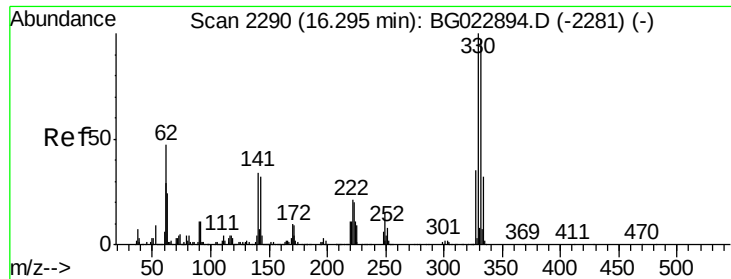


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

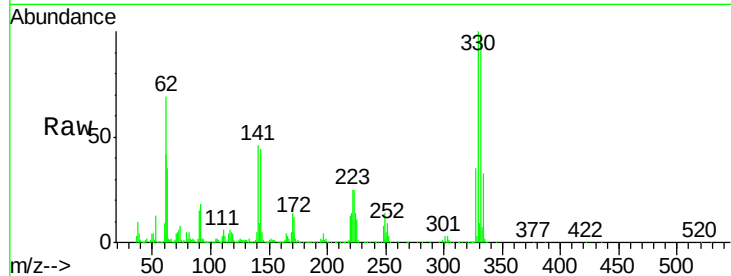




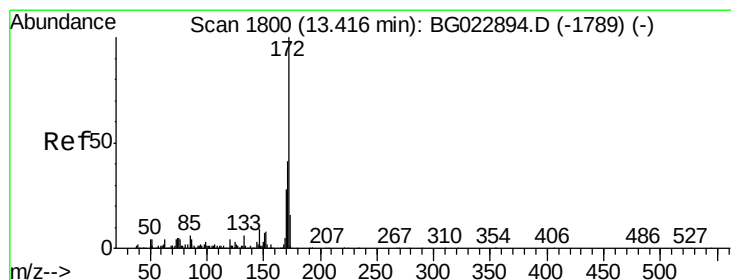
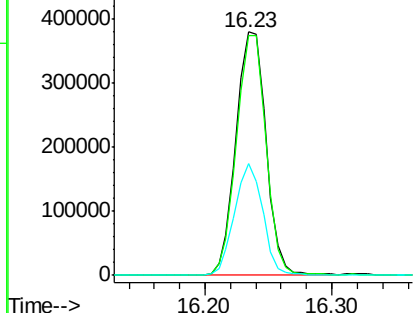
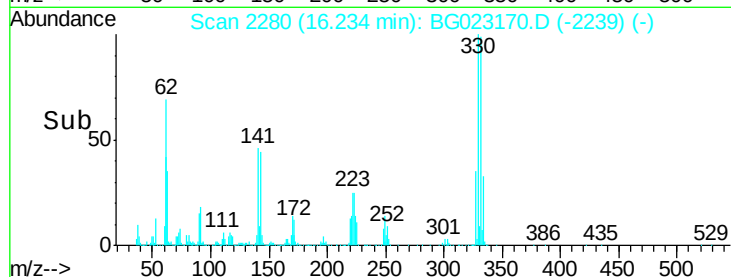
#41
2,4,6-Tribromophenol
Concen: 80.25 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.06 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

Instrument :
BNA_G
ClientSampleId :
F9-B2(6-11)C

Tgt Ion:330 Resp: 626639
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 42.9 31.7 47.5

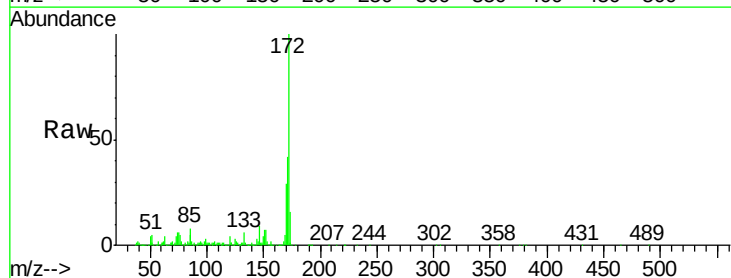


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

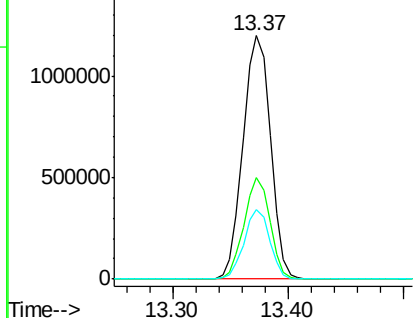
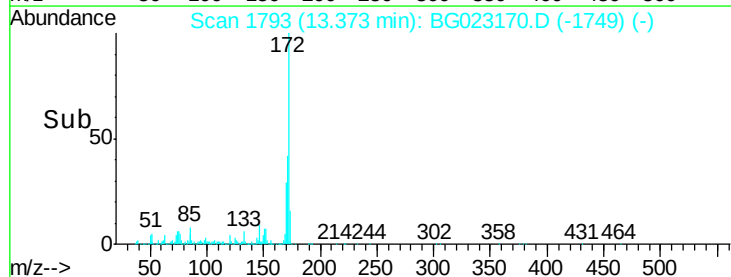


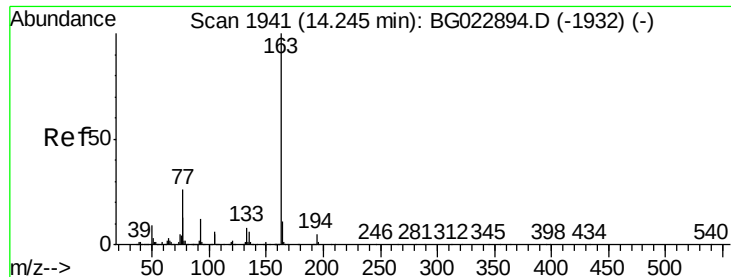
#44
2-Fluorobiphenyl
Concen: 71.91 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.04 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

Tgt Ion:172 Resp: 1983515
Ion Ratio Lower Upper
172 100
171 41.6 31.6 47.4
170 28.8 21.3 31.9



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: 14.49 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.06 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

Instrument :

BNA_G

ClientSampleId :

F9-B2(6-11)C

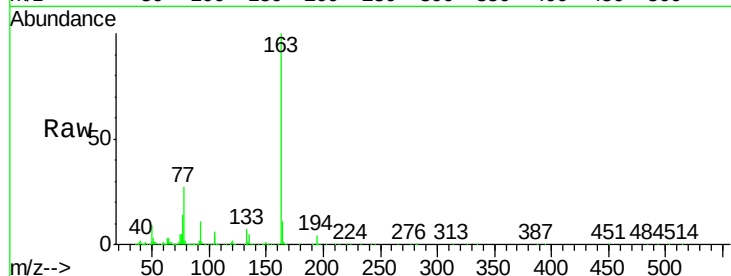
Tgt Ion:163 Resp: 514271

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

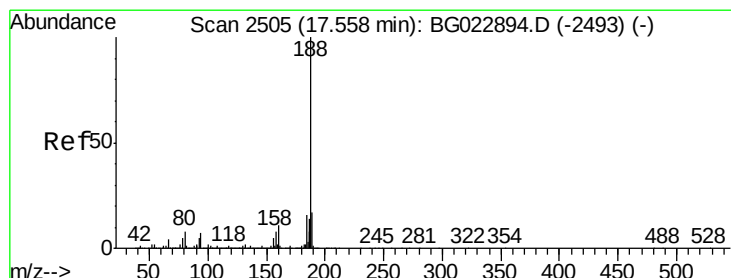
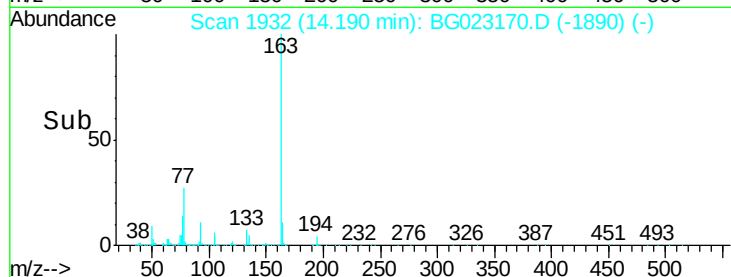
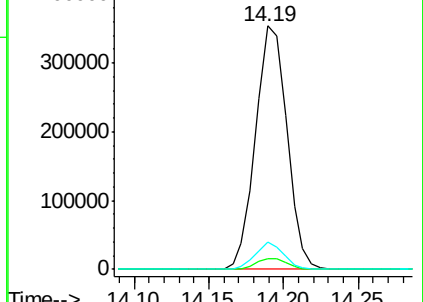
164 11.2 8.1 12.1



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: 17.49 min Scan# 2493

Delta R.T. -0.07 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

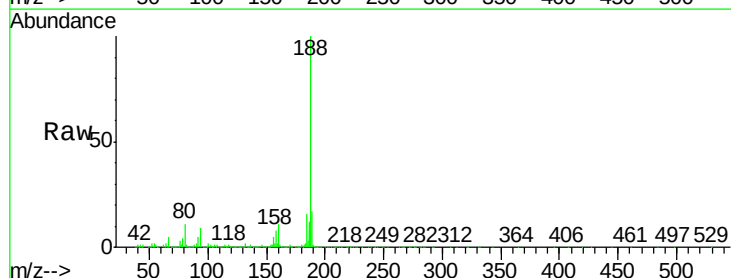
Tgt Ion:188 Resp: 911535

Ion Ratio Lower Upper

188 100

94 9.4 5.2 7.8#

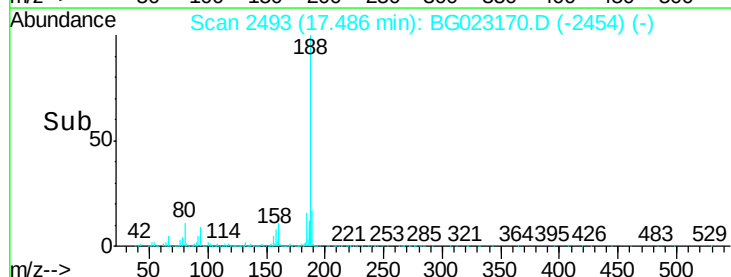
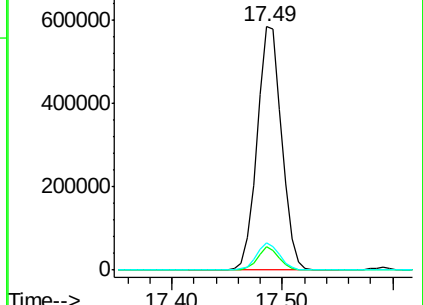
80 11.2 7.2 10.8#

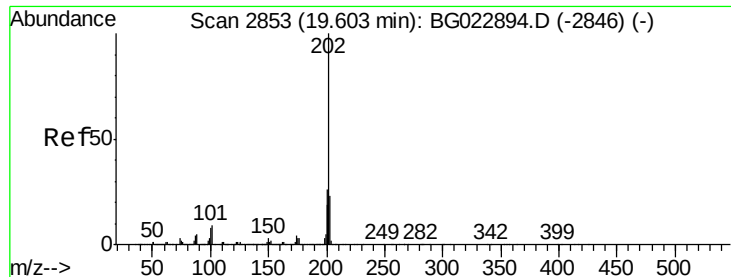


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 3.04 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.07 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

Instrument :

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ClientSampleId :

F9-B2(6-11)C

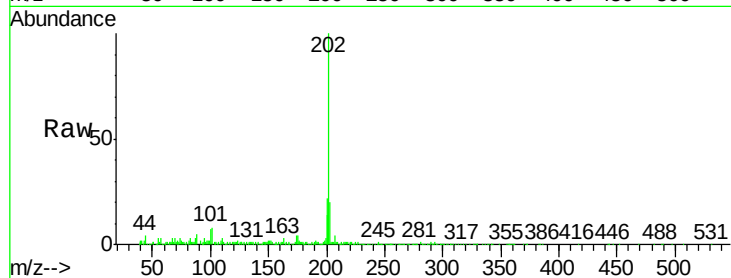
Tgt Ion:202 Resp: 166440

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.4

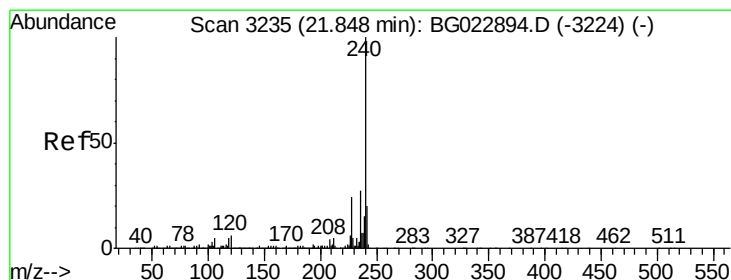
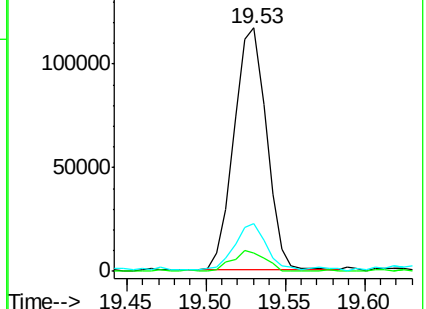
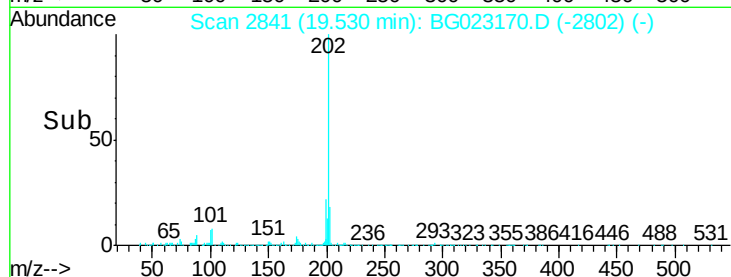
203 19.9 1.7 41.7



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: 21.75 min Scan# 3219

Delta R.T. -0.10 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

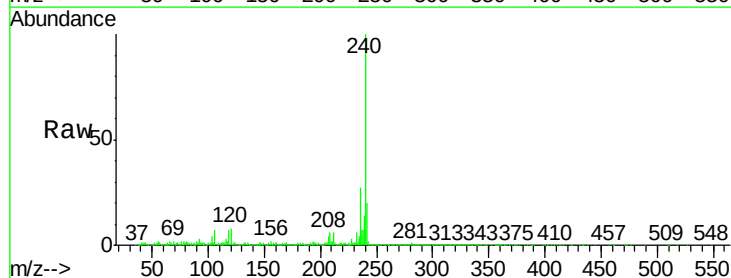
Tgt Ion:240 Resp: 894327

Ion Ratio Lower Upper

240 100

120 8.2 4.1 6.1#

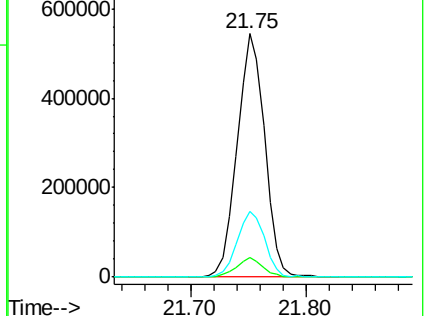
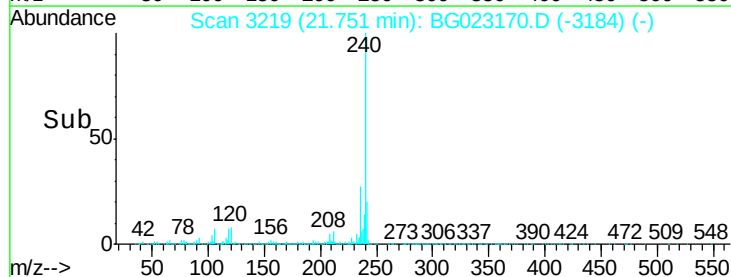
236 27.0 21.1 31.7

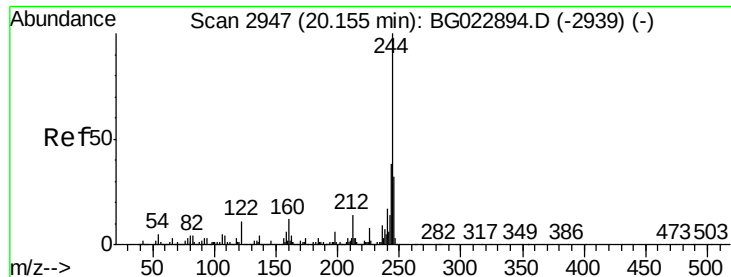


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.64 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.08 min

Lab File: BG023170.D

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F9-B2(6-11)C

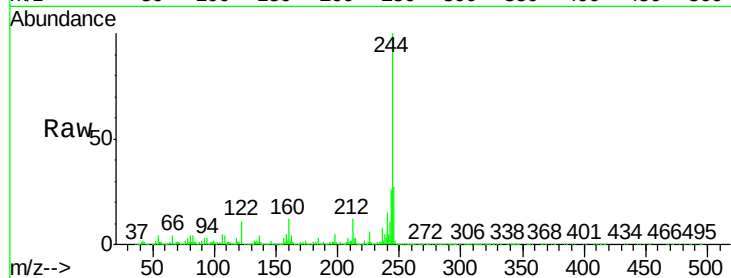
Tgt Ion:244 Resp: 2185345

Ion Ratio Lower Upper

244 100

212 11.9 10.8 16.2

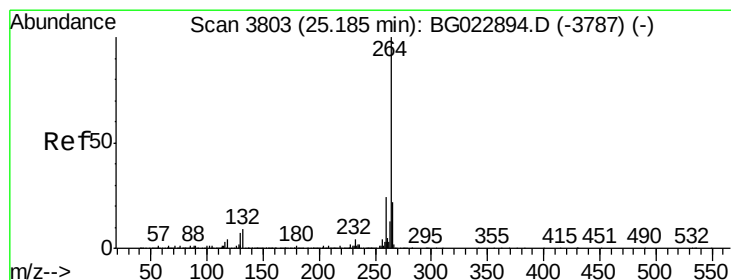
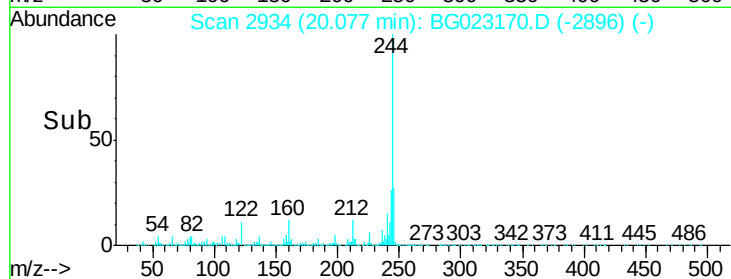
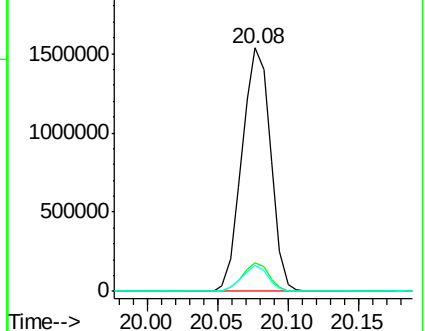
122 10.6 8.0 12.0



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: 25.04 min Scan# 3779

Delta R.T. -0.14 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

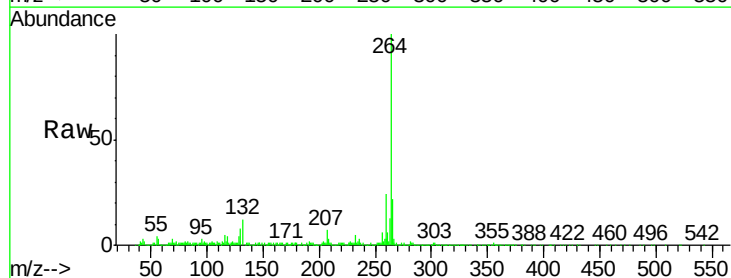
Tgt Ion:264 Resp: 873825

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

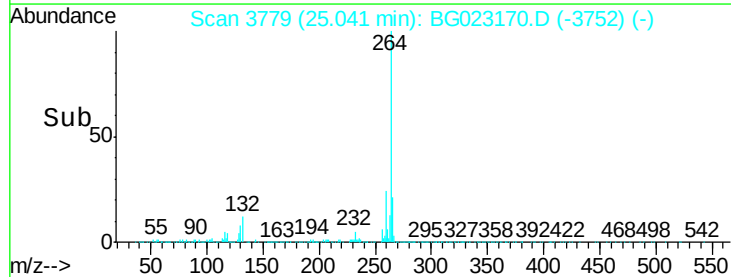
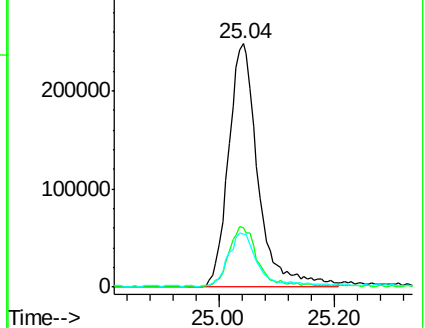
265 21.6 18.9 28.3

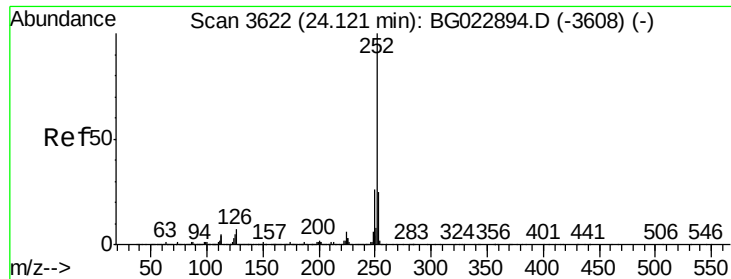


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

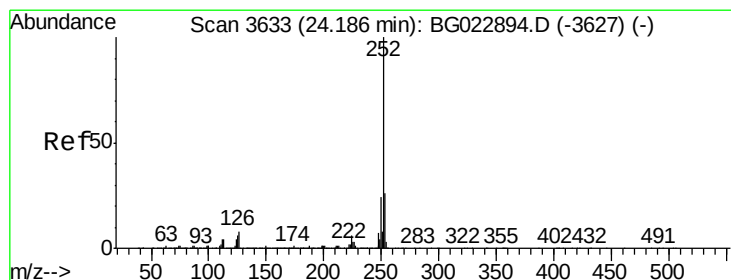
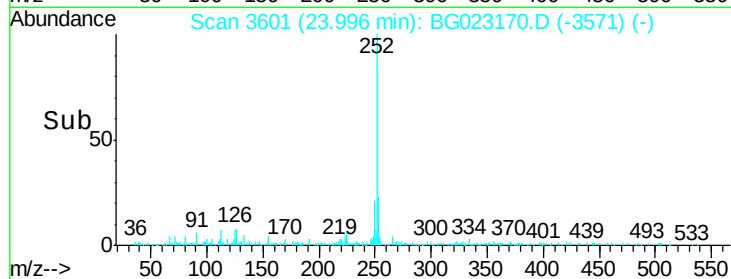
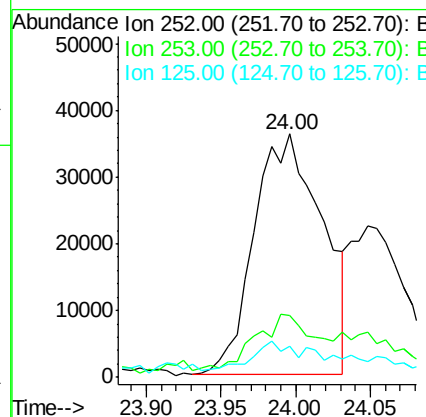
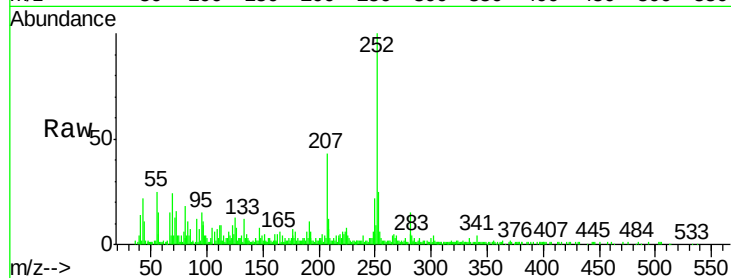




#87
Benzo(b)fluoranthene
Concen: 2.27 ng
RT: 24.00 min Scan# 3601
Delta R.T. -0.13 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

Instrument :
BNA_G
ClientSampleId :
F9-B2(6-11)C

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	12.7	3.9	5.9



#88
Benzo(k)fluoranthene
Concen: 2.39 ng
RT: 24.00 min Scan# 3601
Delta R.T. -0.19 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.8	28.2
125	12.7	3.2	4.8

