

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
 Data File : BG016821.D
 Acq On : 30 Apr 2015 6:06
 Operator : TP/IZ
 Sample : G2031-07 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB7

Quant Time: Apr 30 07:33:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 02:30:36 2015
 Response via : Initial Calibration

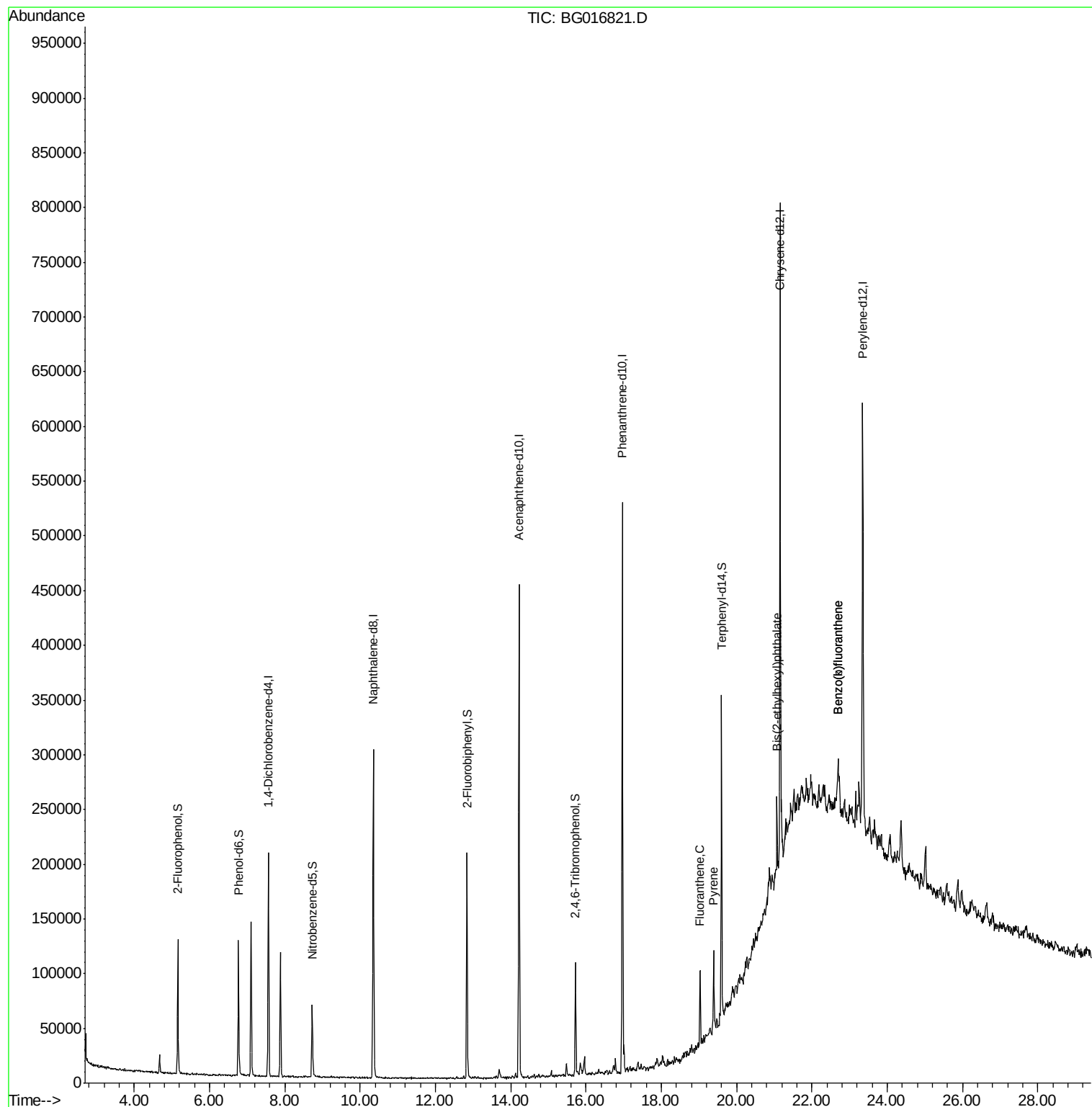
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	60271	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	270567	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	151979	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	277259	20.00	ng	0.00
75) Chrysene-d12	21.15	240	236017	20.00	ng	0.00
86) Perylene-d12	23.35	264	232666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	67548	20.64	ng	0.00
7) Phenol-d6	6.77	99	93029	20.26	ng	0.00
23) Nitrobenzene-d5	8.73	82	45894	11.05	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	18166	16.05	ng	0.00
44) 2-Fluorobiphenyl	12.83	172	115908	11.81	ng	0.00
78) Terphenyl-d14	19.60	244	119421	12.20	ng	0.00
Target Compounds						
74) Fluoranthene	19.03	202	38743	2.40	ng	Qvalue 99
77) Pyrene	19.40	202	41623	2.70	ng	98
83) Bis(2-ethylhexyl)phthalate	21.07	149	22861	2.11	ng	100
87) Benzo(b)fluoranthene	22.69	252	28784	2.17	ng	# 77
88) Benzo(k)fluoranthene	22.69	252	28784	2.22	ng	# 77

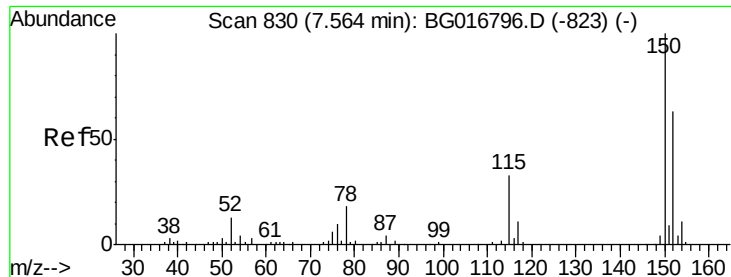
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Instrument :

BNA_G

ClientSampleId :

SB7

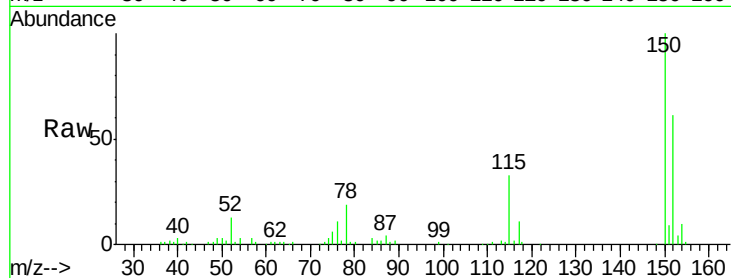
Tgt Ion:152 Resp: 60271

Ion Ratio Lower Upper

152 100

150 165.3 126.2 189.4

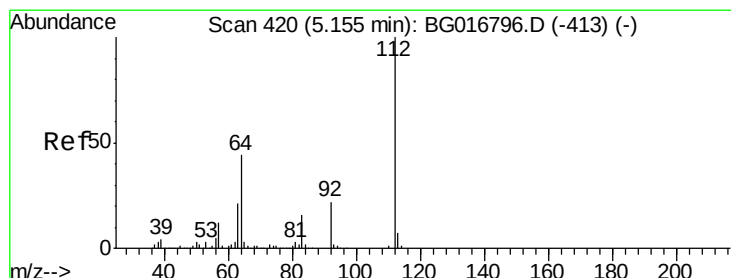
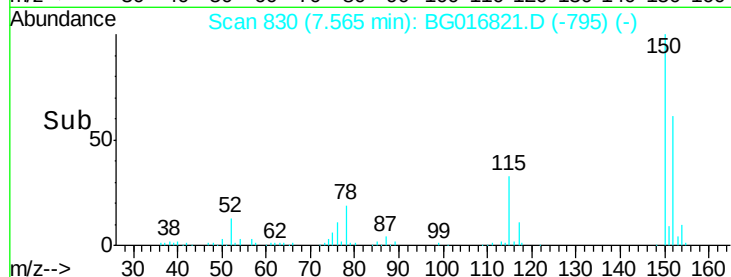
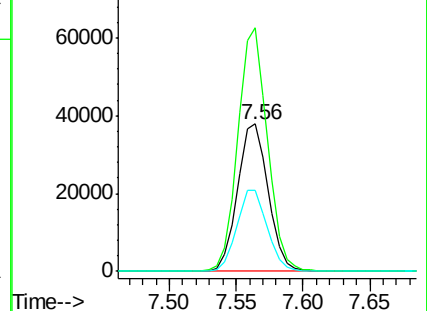
115 54.8 41.1 61.7



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: 20.64 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

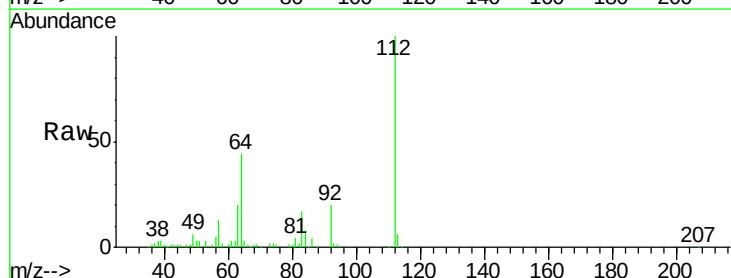
Tgt Ion:112 Resp: 67548

Ion Ratio Lower Upper

112 100

64 44.3 35.5 53.3

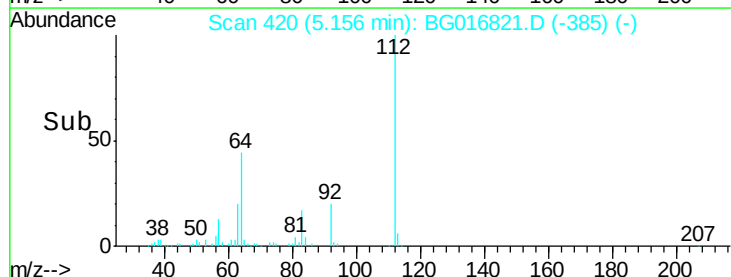
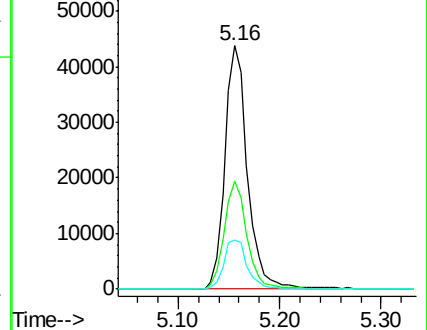
63 19.9 17.2 25.8

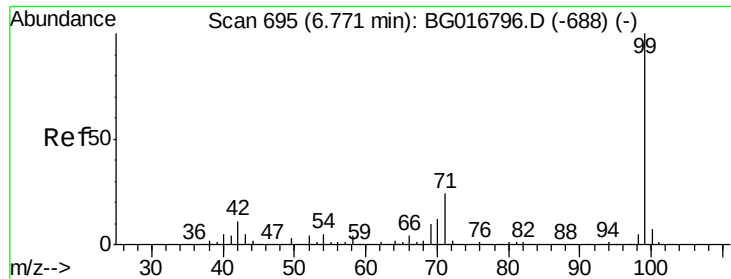


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 20.26 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Instrument :

BNA_G

ClientSampleId :

SB7

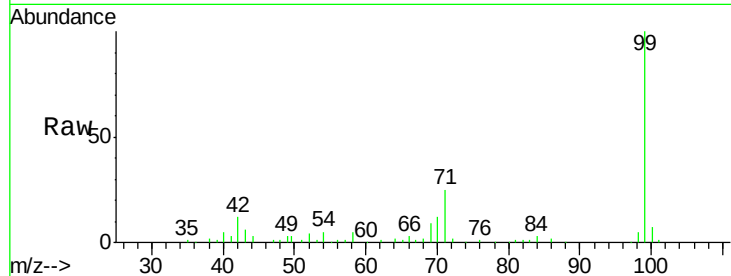
Tgt Ion: 99 Resp: 93029

Ion Ratio Lower Upper

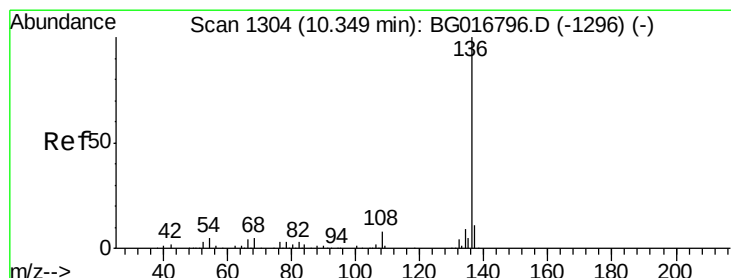
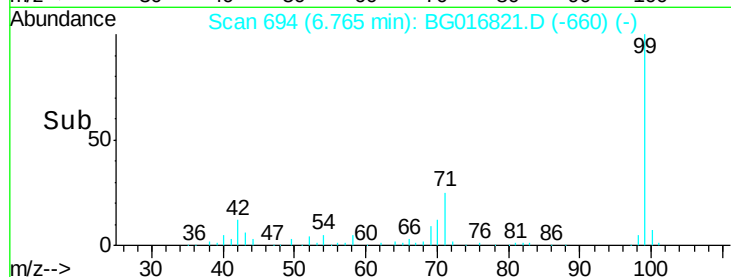
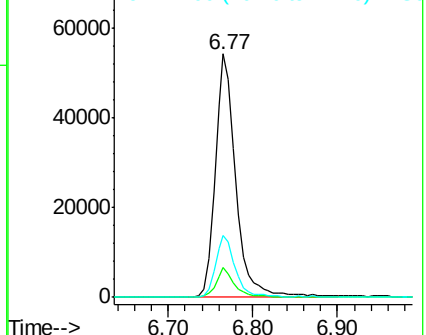
99 100

42 12.1 8.9 13.3

71 25.4 19.0 28.6



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: 10.35 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Tgt Ion: 136 Resp: 270567

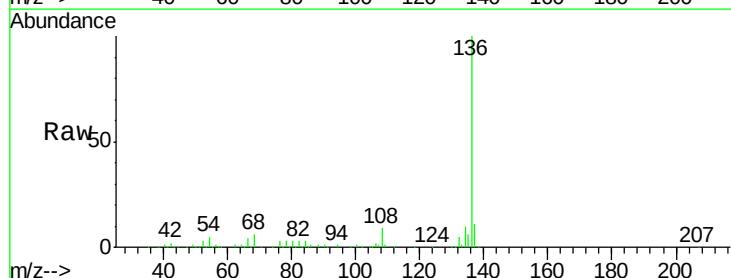
Ion Ratio Lower Upper

136 100

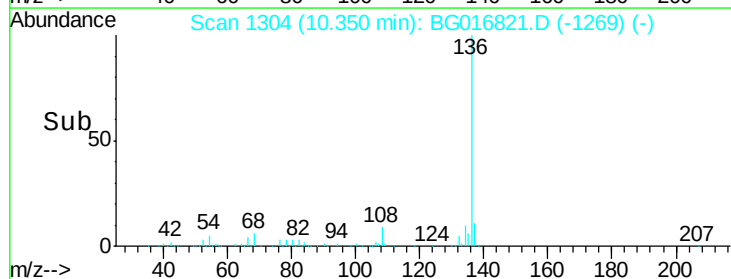
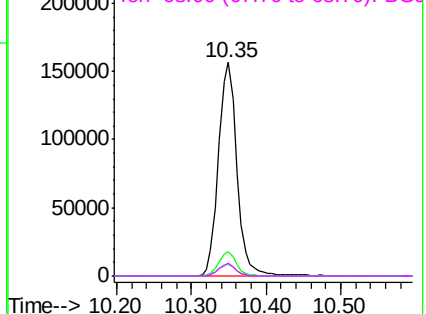
137 11.4 8.6 12.8

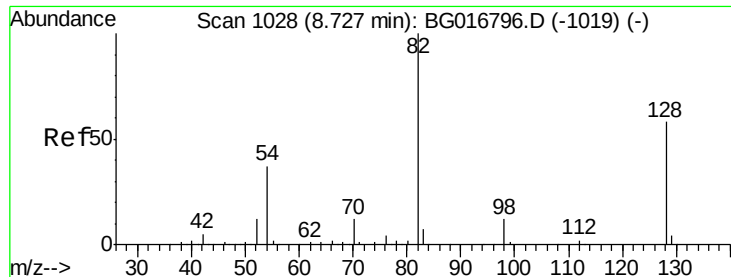
54 5.4 4.3 6.5

68 6.3 4.3 6.5



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

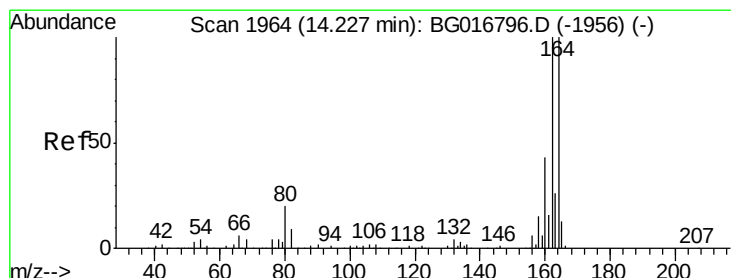
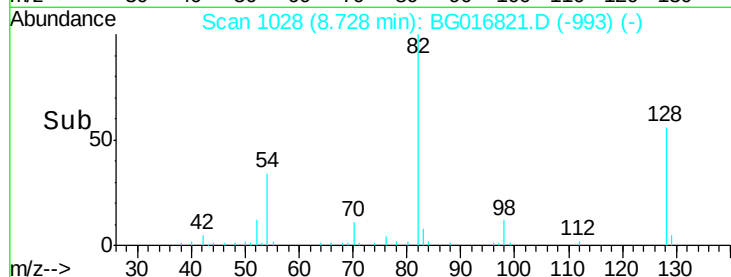
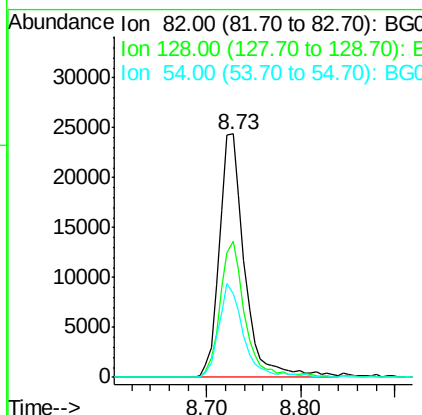
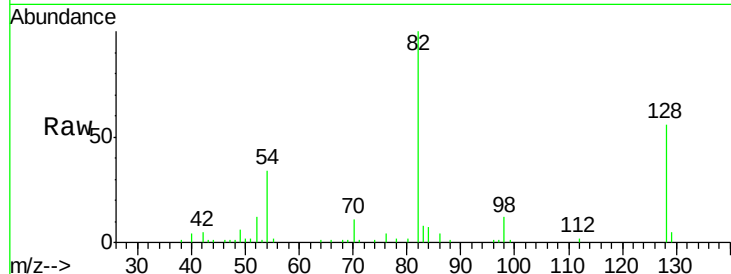




#23
 Nitrobenzene-d5
 Concen: 11.05 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

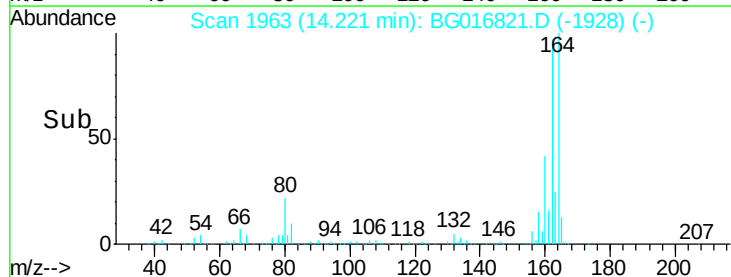
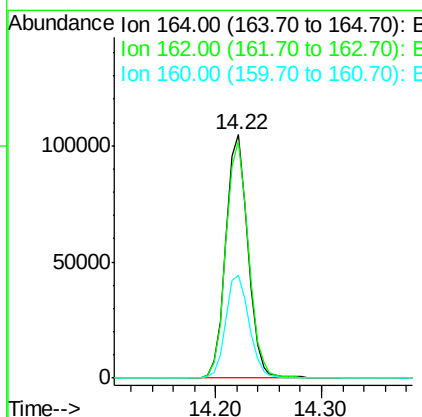
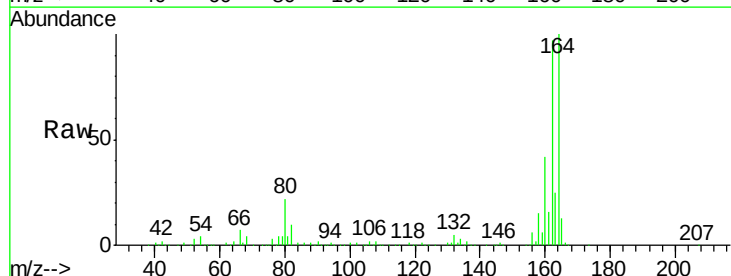
Instrument :
 BNA_G
 ClientSampled :
 SB7

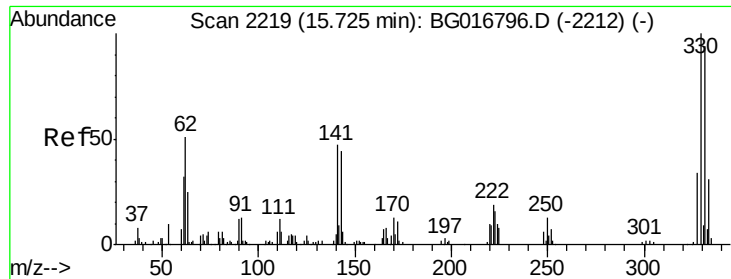
Tgt Ion: 82 Resp: 45894
 Ion Ratio Lower Upper
 82 100
 128 55.7 46.3 69.5
 54 34.3 30.0 45.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

Tgt Ion: 164 Resp: 151979
 Ion Ratio Lower Upper
 164 100
 162 97.4 80.2 120.4
 160 42.4 34.8 52.2

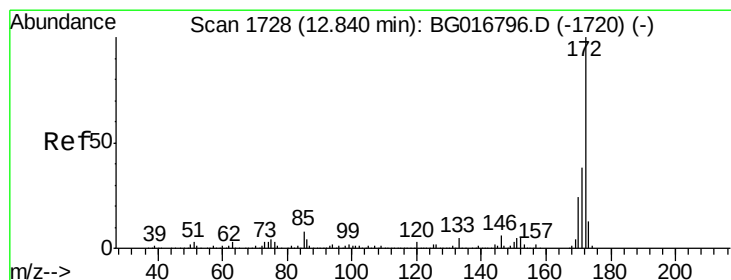
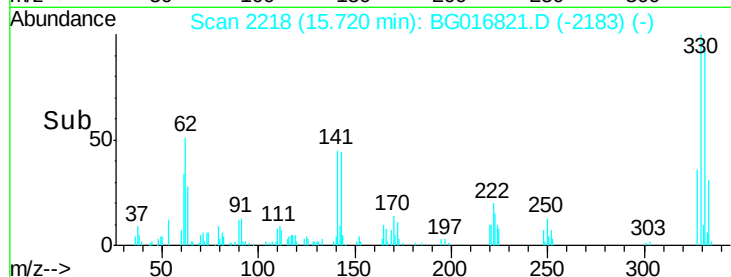
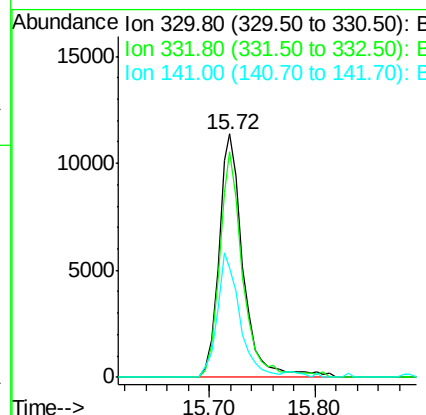
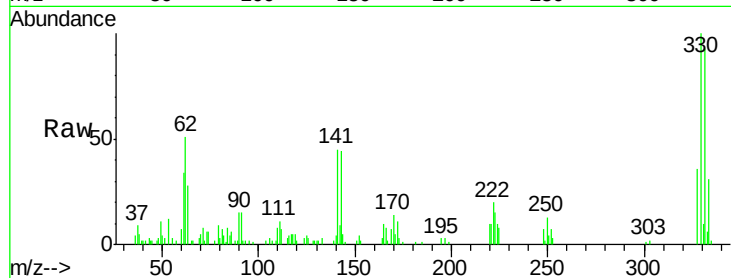




#41
 2,4,6-Tribromophenol
 Concen: 16.05 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

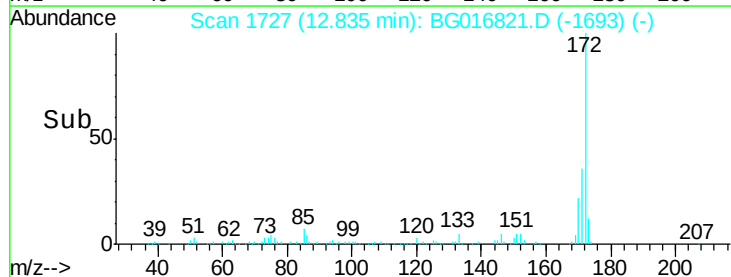
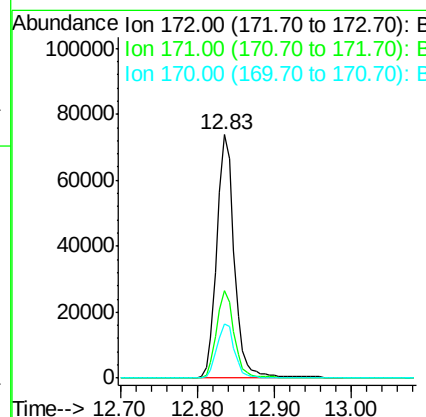
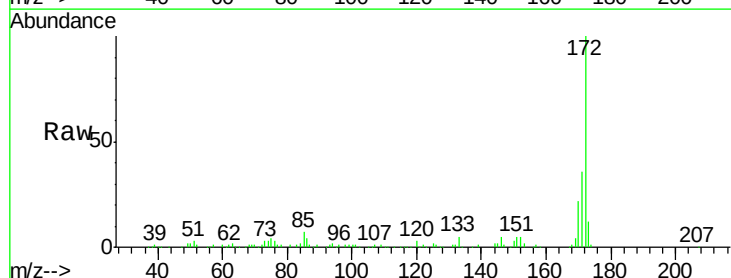
Instrument :
 BNA_G
 ClientSampleId :
 SB7

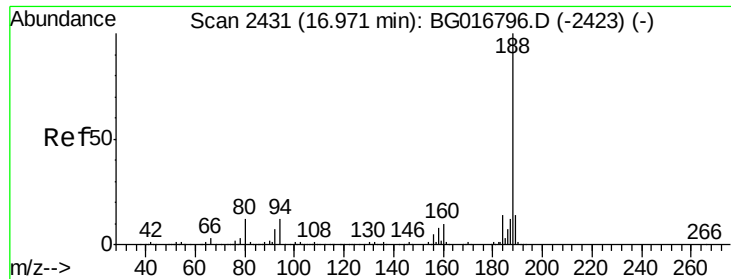
Tgt Ion: 330 Resp: 18166
 Ion Ratio Lower Upper
 330 100
 332 88.7 75.3 112.9
 141 47.7 40.7 61.1



#44
 2-Fluorobiphenyl
 Concen: 11.81 ng
 RT: 12.83 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

Tgt Ion: 172 Resp: 115908
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.2 45.4
 170 22.3 19.4 29.0

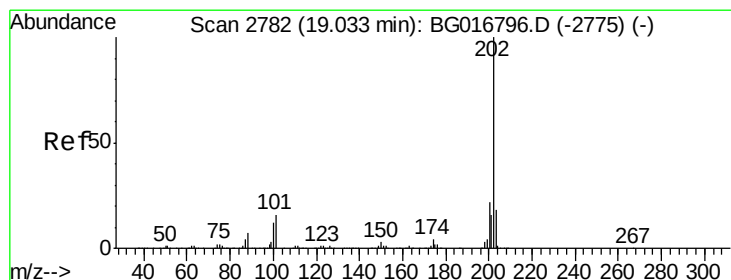
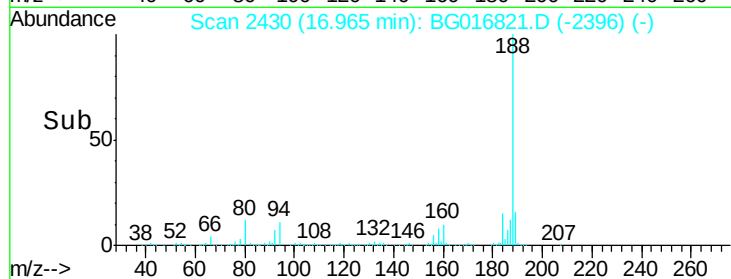
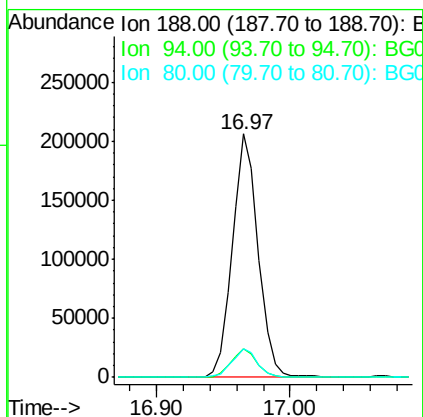
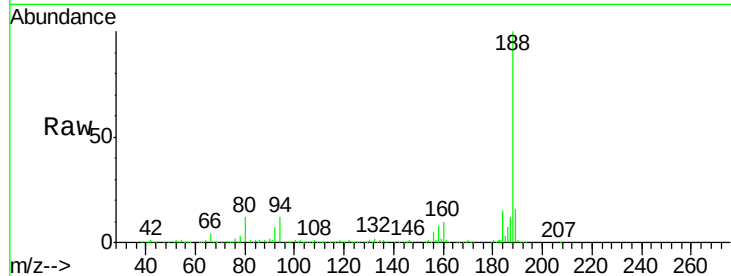




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016821.D
Acq: 30 Apr 2015 6:06

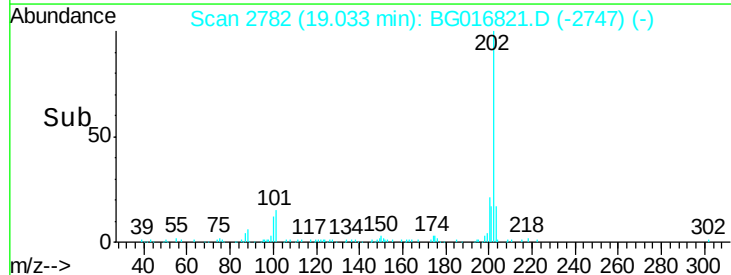
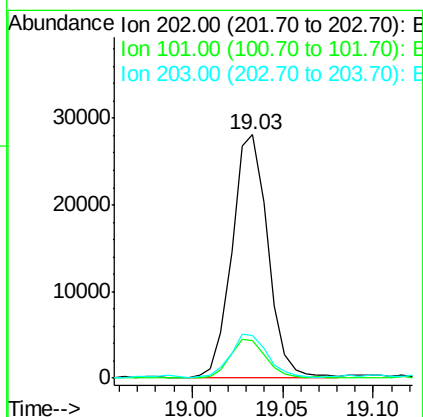
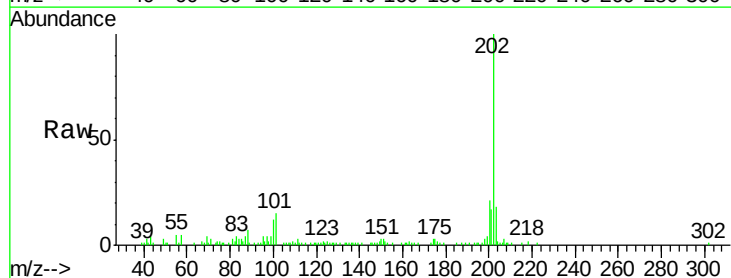
Instrument :
BNA_G
ClientSampleId :
SB7

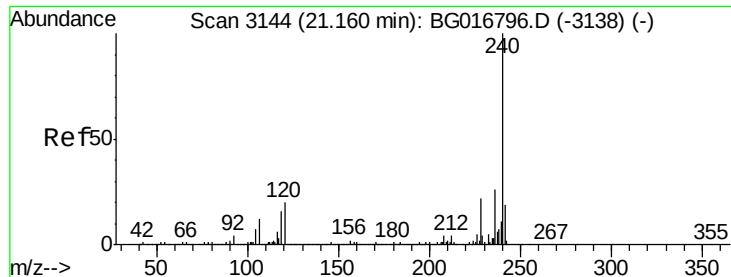
Tgt Ion:188 Resp: 277259
Ion Ratio Lower Upper
188 100
94 11.6 9.5 14.3
80 11.7 9.2 13.8



#74
Fluoranthene
Concen: 2.40 ng
RT: 19.03 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG016821.D
Acq: 30 Apr 2015 6:06

Tgt Ion:202 Resp: 38743
Ion Ratio Lower Upper
202 100
101 15.2 0.0 36.2
203 17.6 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

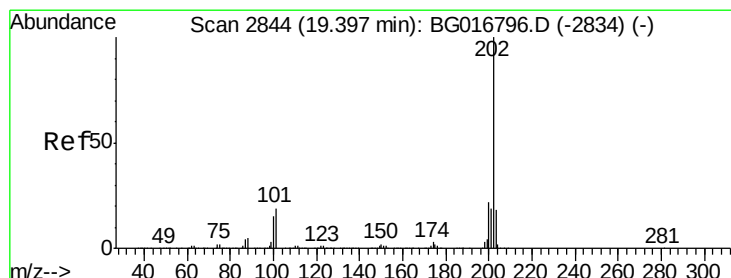
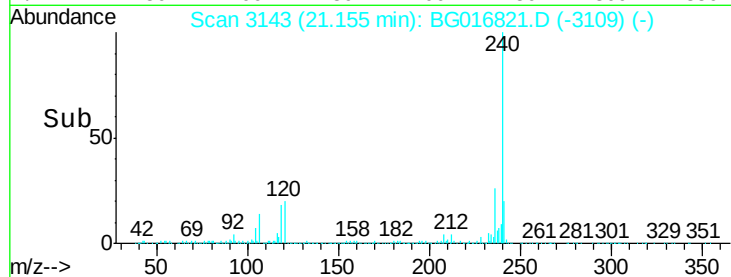
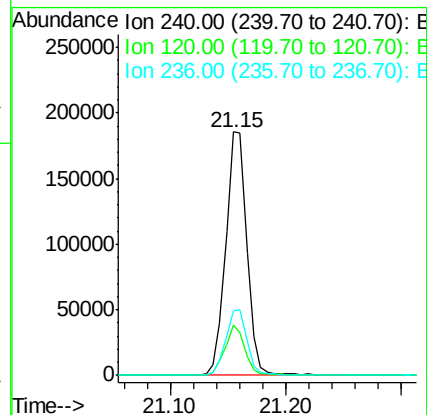
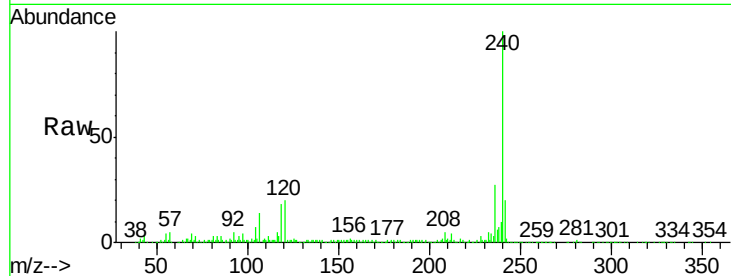
Instrument :

BNA_G

ClientSampleId :

SB7

Tgt Ion:	240	Resp:	236017
Ion Ratio	Lower	Upper	
240	100		
120	20.5	16.1	24.1
236	26.7	21.0	31.6



#77

Pyrene

Concen: 2.70 ng

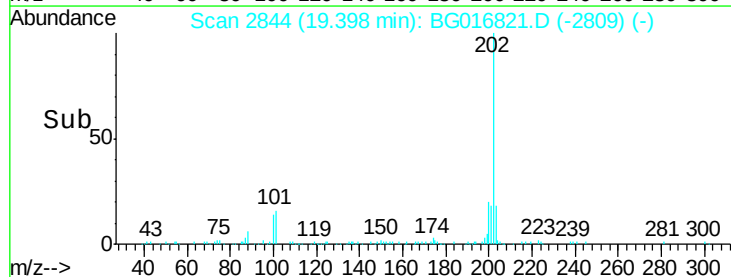
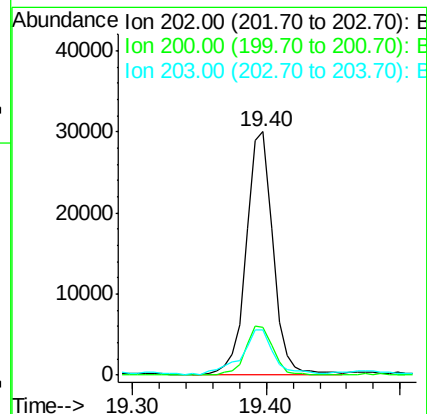
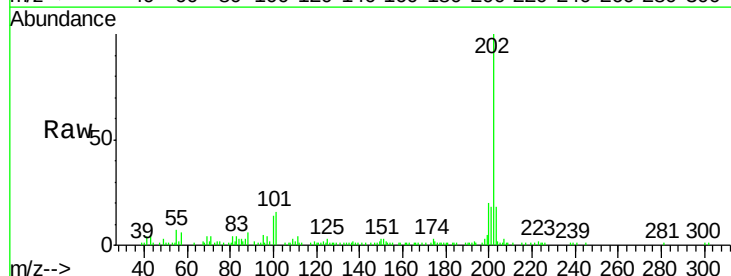
RT: 19.40 min Scan# 2844

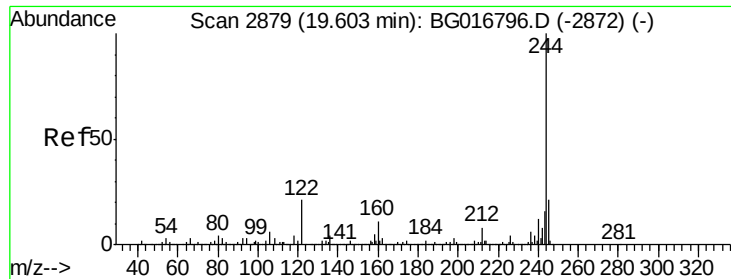
Delta R.T. 0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Tgt Ion:	202	Resp:	41623
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.3	25.9
203	18.4	14.6	22.0





#78

Terphenyl-d14

Concen: 12.20 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Instrument :

BNA_G

ClientSampleId :

SB7

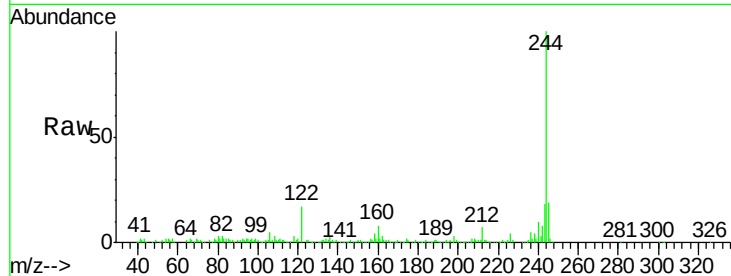
Tgt Ion:244 Resp: 119421

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

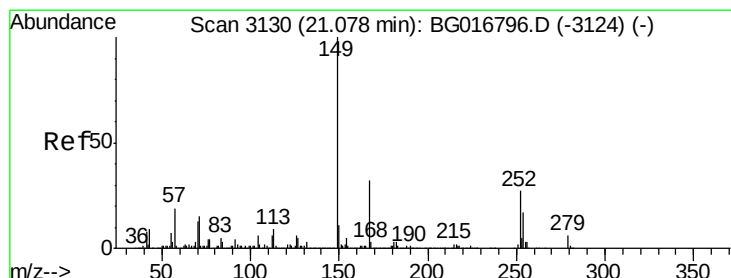
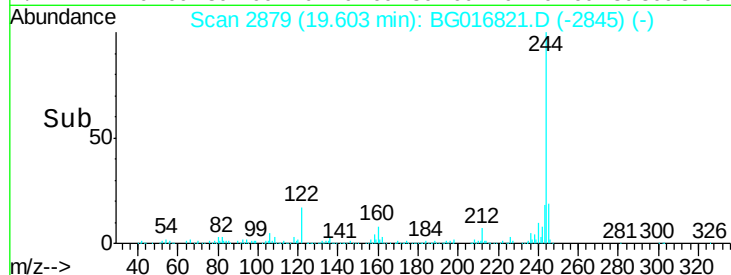
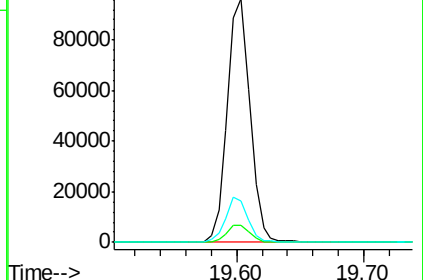
122 17.1 16.4 24.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.11 ng

RT: 21.07 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

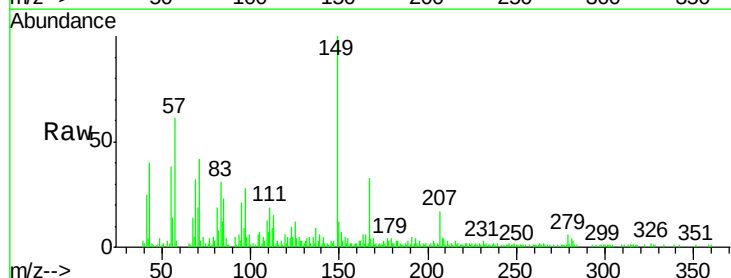
Tgt Ion:149 Resp: 22861

Ion Ratio Lower Upper

149 100

167 32.6 25.9 38.9

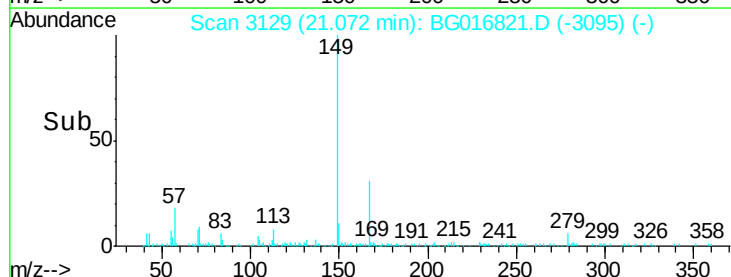
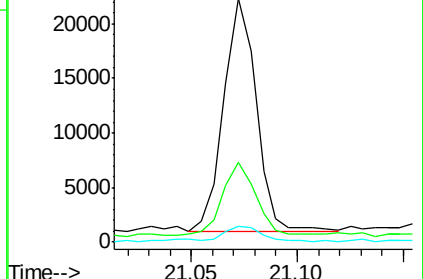
279 6.3 5.0 7.4

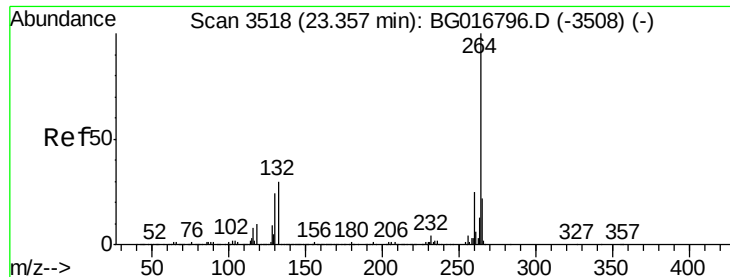


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

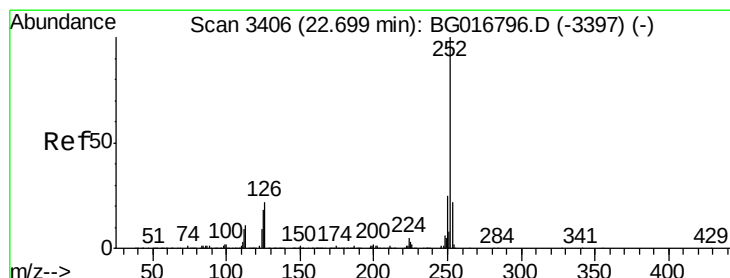
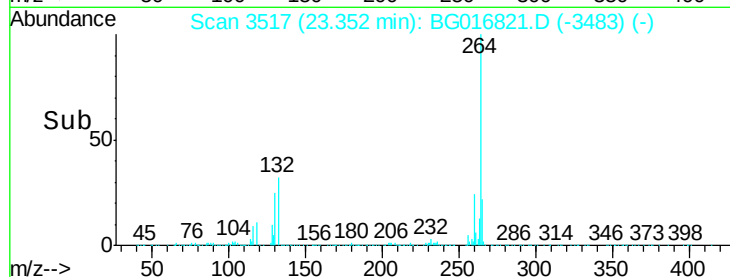
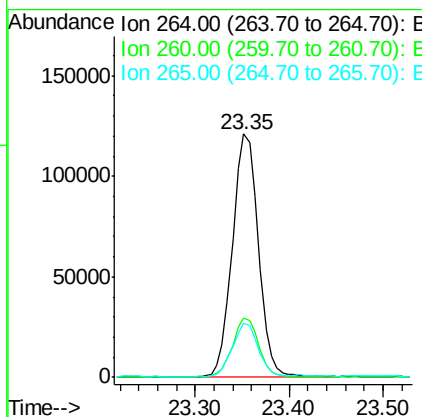
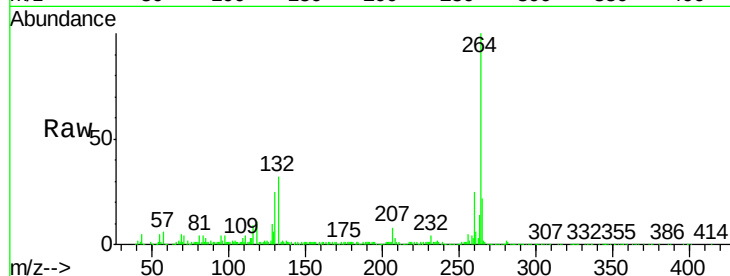




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG016821.D
Acq: 30 Apr 2015 6:06

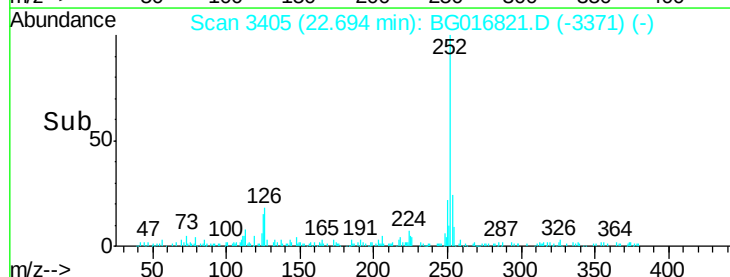
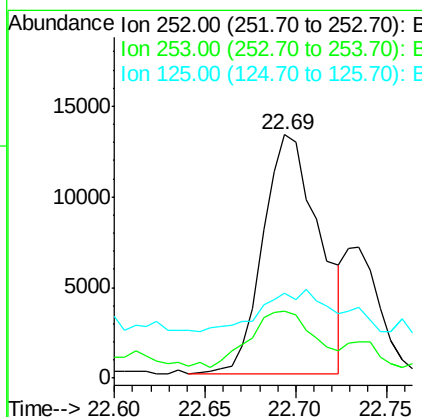
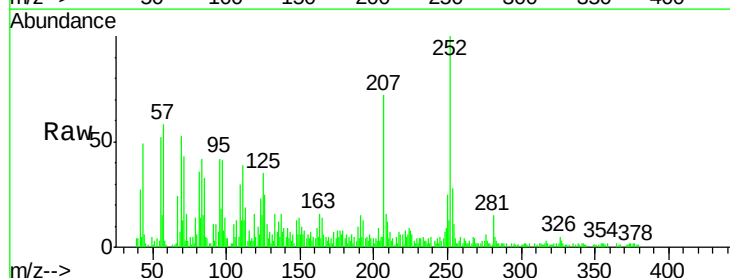
Instrument :
BNA_G
ClientSampleId :
SB7

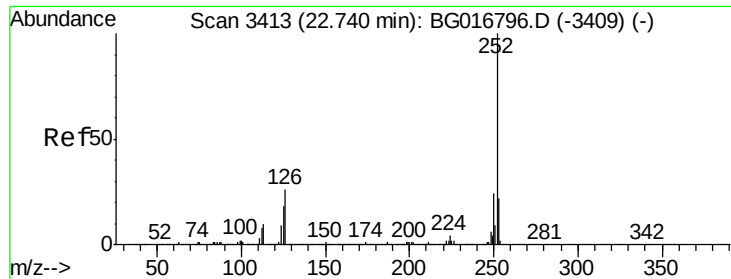
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.2	17.4	26.2



#87
Benzo(b)fluoranthene
Concen: 2.17 ng
RT: 22.69 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BG016821.D
Acq: 30 Apr 2015 6:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.0	27.0#
125	34.8	14.2	21.2#





#88

Benzo(k)fluoranthene

Concen: 2.22 ng

RT: 22.69 min Scan# 3405

Delta R.T. -0.04 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Instrument :

BNA_G

ClientSampleId :

SB7

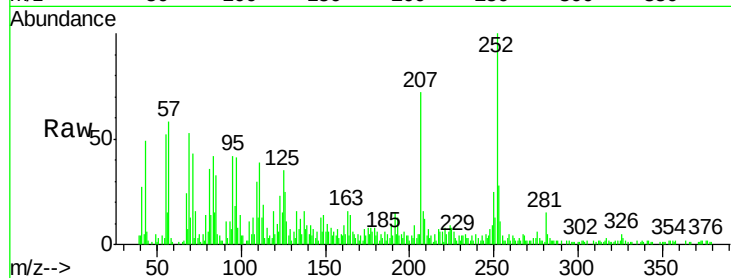
Tgt Ion:252 Resp: 28784

Ion Ratio Lower Upper

252 100

253 27.6 17.7 26.5#

125 34.8 14.5 21.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

