

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
 Data File : BG023721.D
 Acq On : 15 Aug 2016 14:43
 Operator : UM/SJ
 Sample : H4452-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2

Quant Time: Aug 15 17:43:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

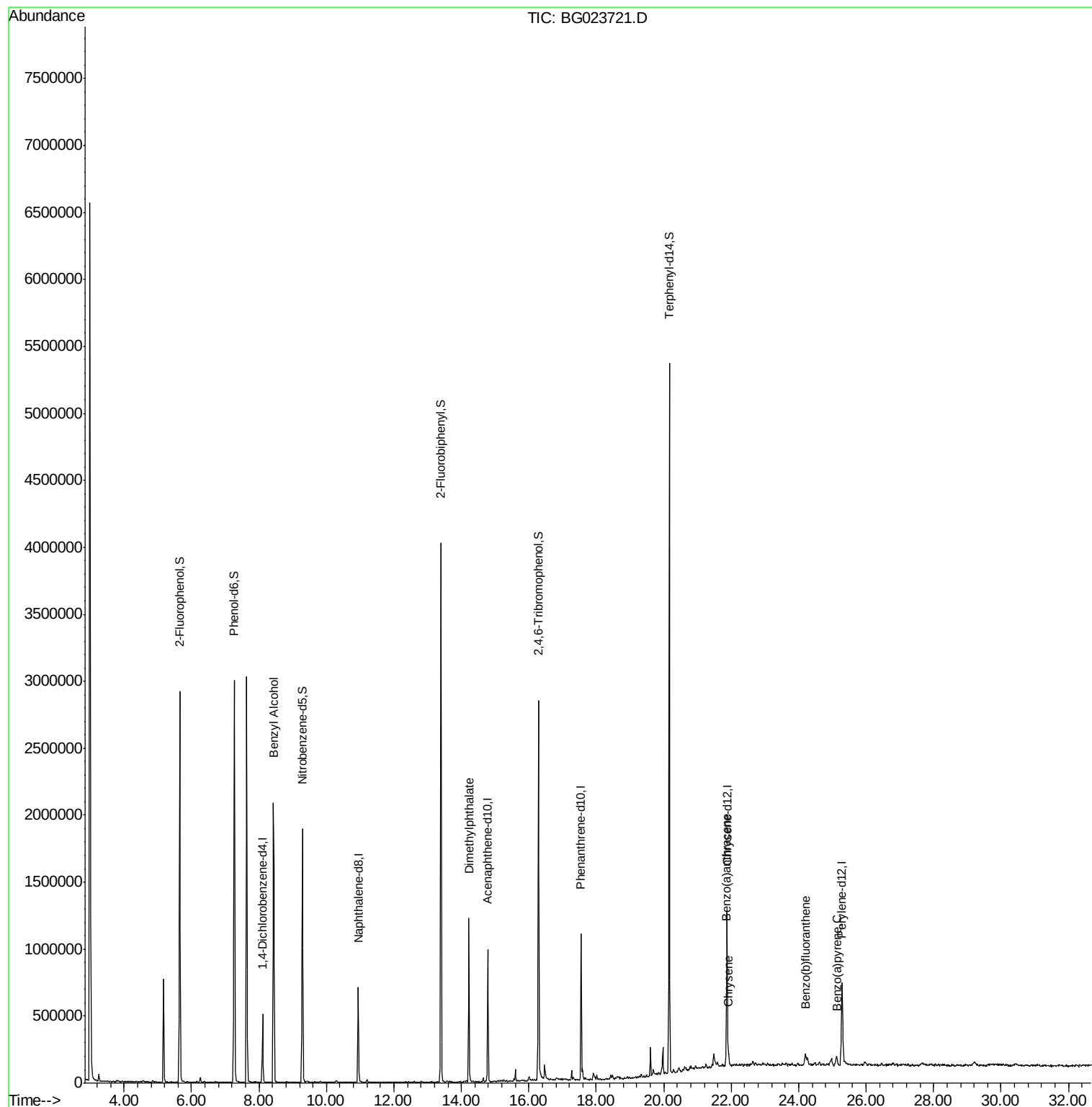
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	134513	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	585688	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	327128	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	644998	20.00	ng	0.00
75) Chrysene-d12	21.88	240	716272	20.00	ng	0.01
86) Perylene-d12	25.29	264	711319	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1210614	151.50	ng	0.00
7) Phenol-d6	7.27	99	1724198	138.53	ng	0.00
23) Nitrobenzene-d5	9.29	82	1223117	103.82	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	602504	125.92	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1991672	102.69	ng	0.00
78) Terphenyl-d14	20.16	244	2090327	93.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.43	79	21787	2.31	ng	# 75
49) Dimethylphthalate	14.22	163	756076	30.12	ng	99
80) Benzo(a)anthracene	21.86	228	87001	2.20	ng	# 89
82) Chrysene	21.92	228	75291	2.00	ng	94
87) Benzo(b)fluoranthene	24.20	252	106793	2.67	ng	# 98
89) Benzo(a)pyrene	25.12	252	78518	2.06	ng	# 91

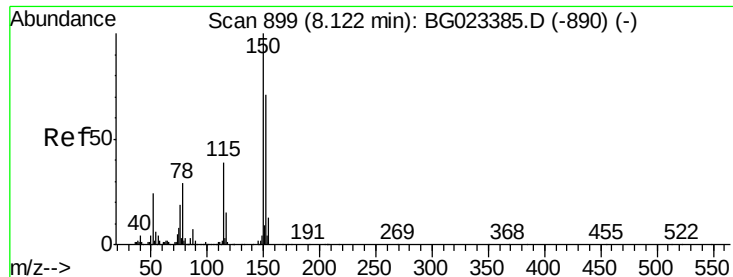
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
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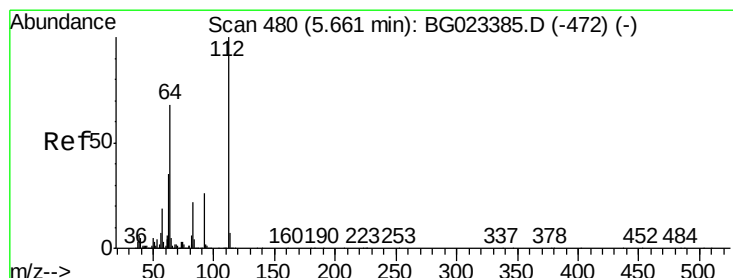
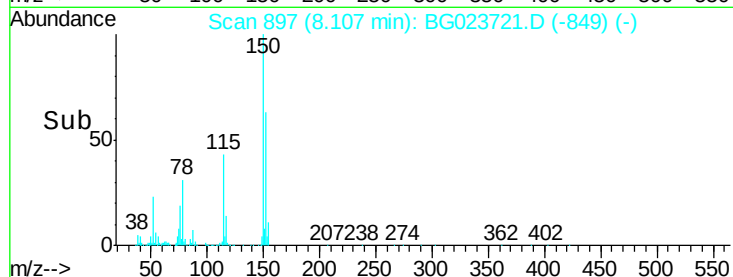
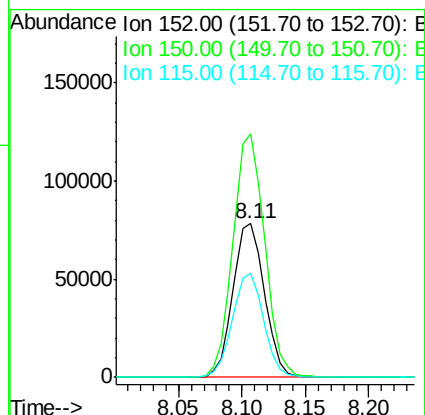
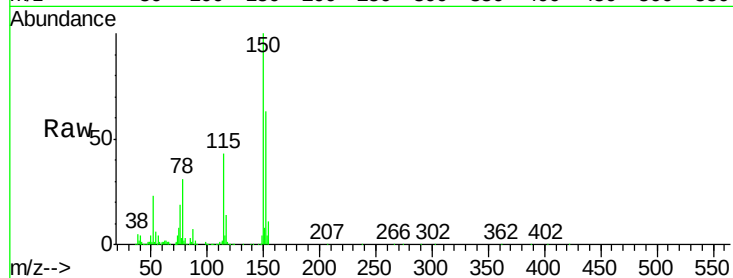


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.02 min
Lab File: BG023721.D
Acq: 15 Aug 2016 14:43

Instrument :
BNA_G
ClientSampleId :
S-2

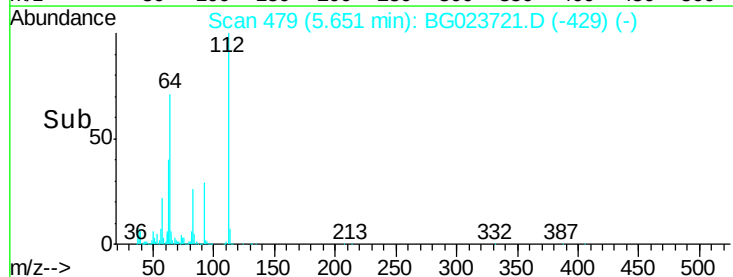
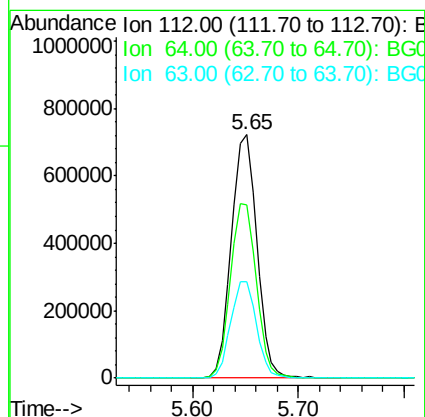
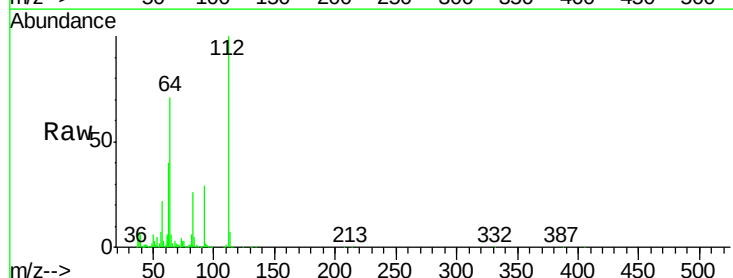
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	144.7	217.1
115	67.7	64.0	96.0

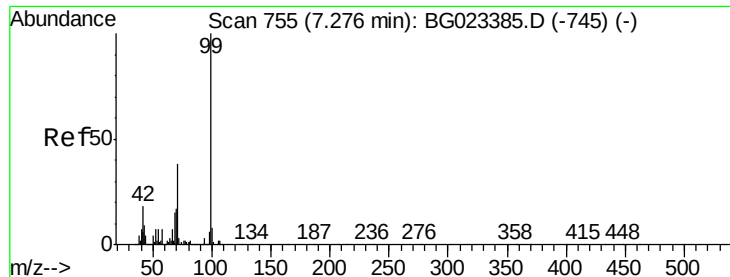


#5

2-Fluorophenol
Concen: 151.50 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG023721.D
Acq: 15 Aug 2016 14:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	59.0	88.4
63	39.5	37.8	56.8





#7

Phenol-d6

Concen: 138.53 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

Instrument :

BNA_G

ClientSampleId :

S-2

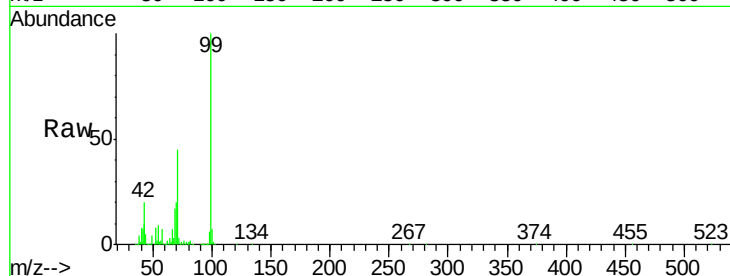
Tgt Ion: 99 Resp: 1724198

Ion Ratio Lower Upper

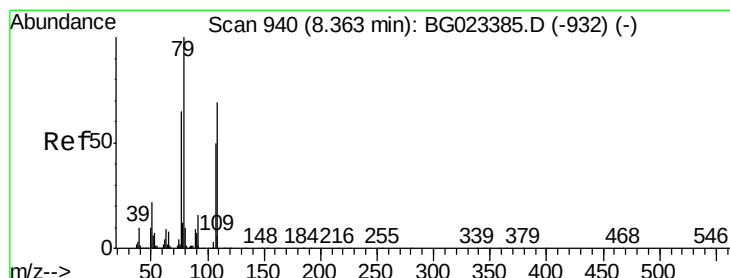
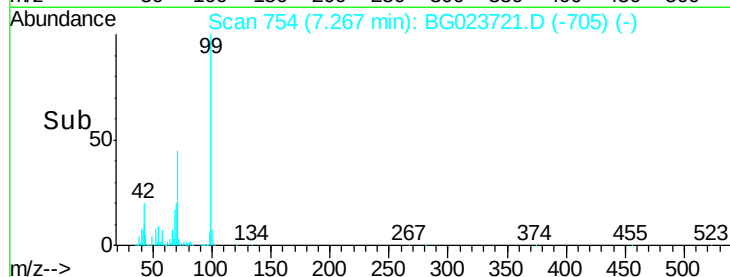
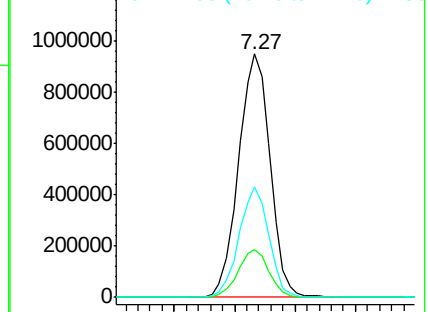
99 100

42 19.6 17.8 26.6

71 45.1 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



#15

Benzyl Alcohol

Concen: 2.31 ng

RT: 8.43 min Scan# 952

Delta R.T. 0.07 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

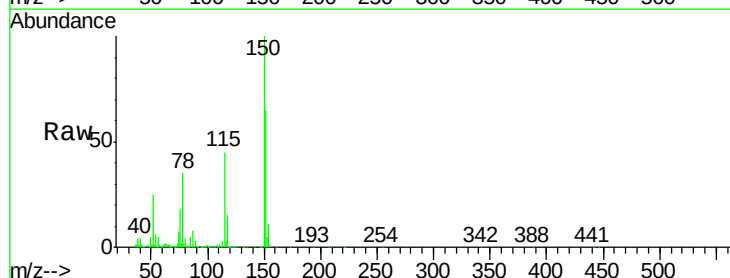
Tgt Ion: 79 Resp: 21787

Ion Ratio Lower Upper

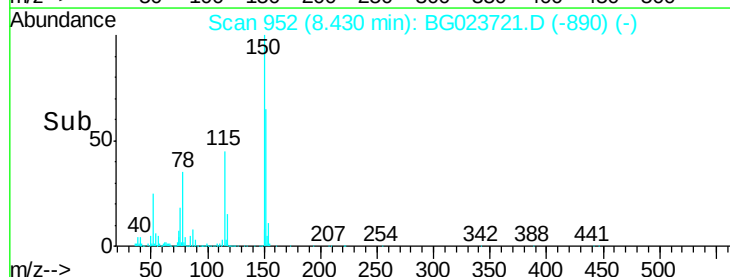
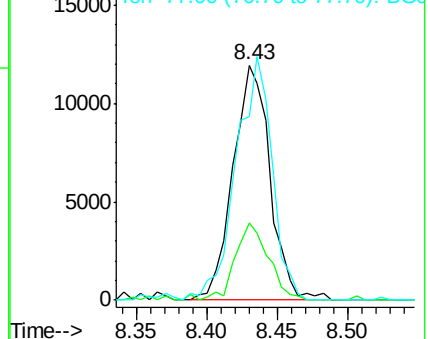
79 100

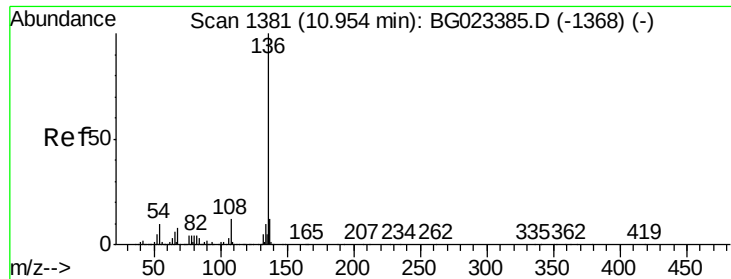
108 32.7 46.5 69.7#

77 78.0 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

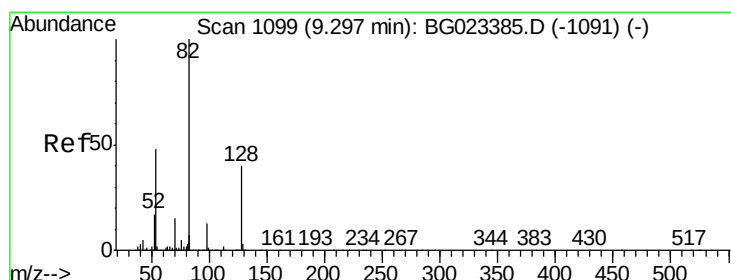
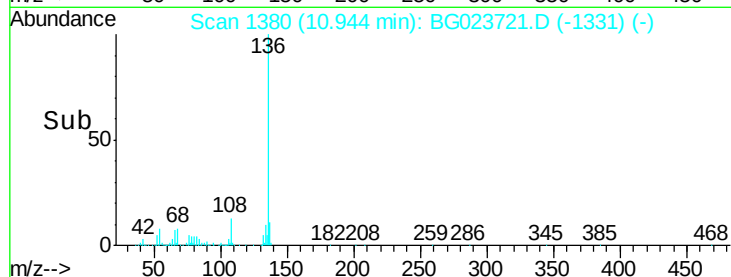
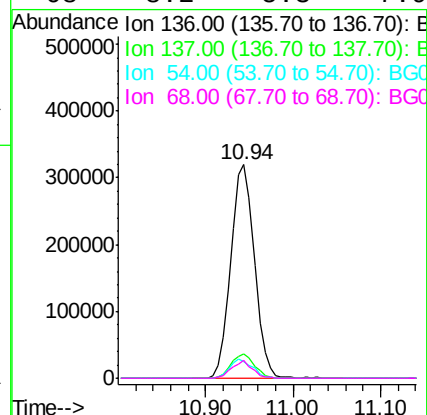
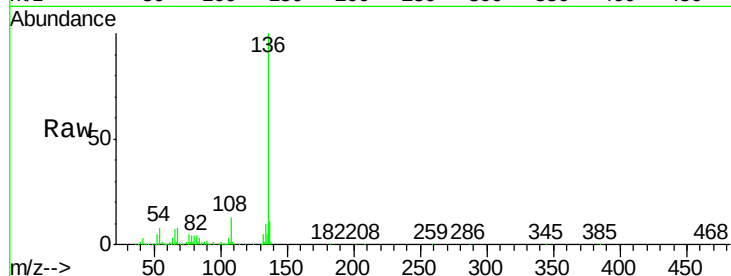




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG023721.D
Acq: 15 Aug 2016 14:43

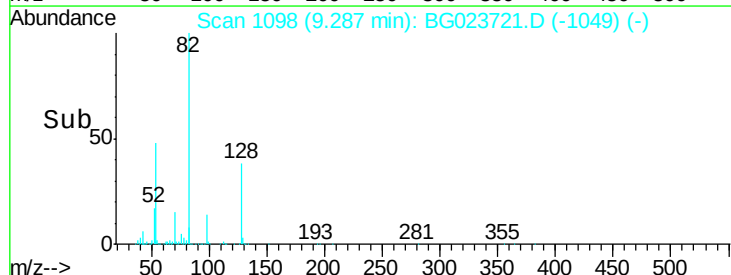
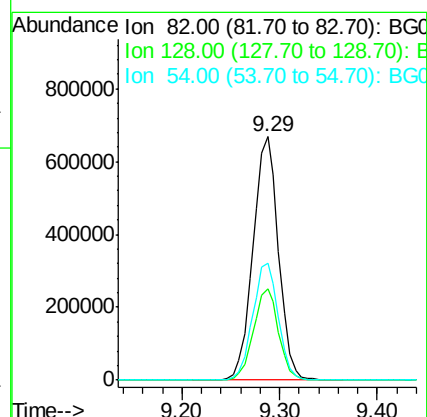
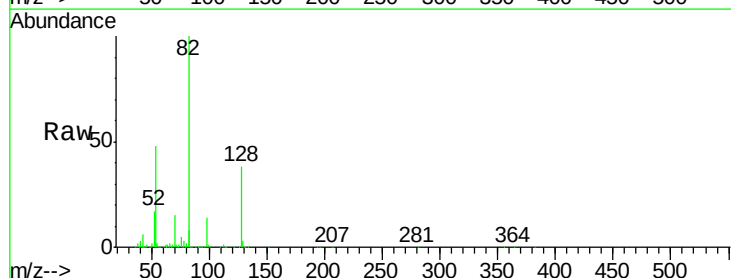
Instrument :
BNA_G
ClientSampled :
S-2

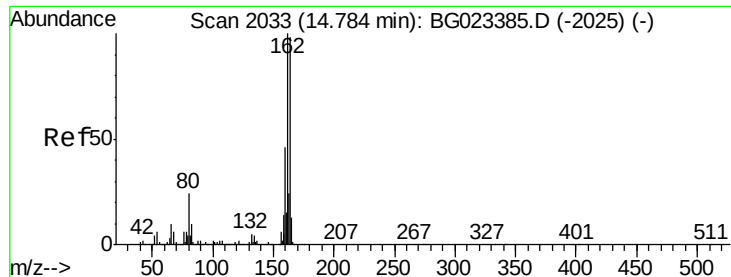
Tgt Ion:	136	Resp:	585688
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	8.1	7.3	10.9
68	8.2	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 103.82 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG023721.D
Acq: 15 Aug 2016 14:43

Tgt Ion:	82	Resp:	1223117
Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	47.9	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

Instrument :

BNA_G

ClientSampled :

S-2

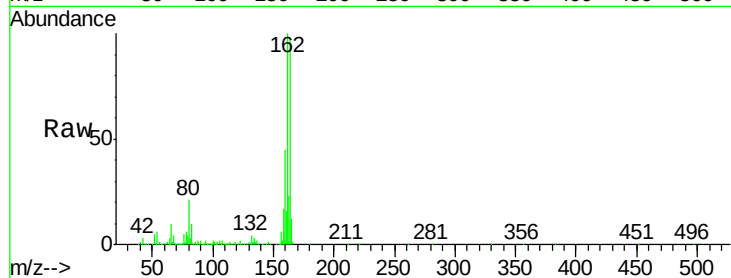
Tgt Ion:164 Resp: 327128

Ion Ratio Lower Upper

164 100

162 102.8 87.7 131.5

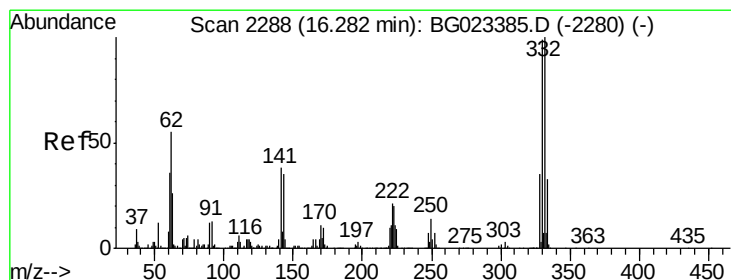
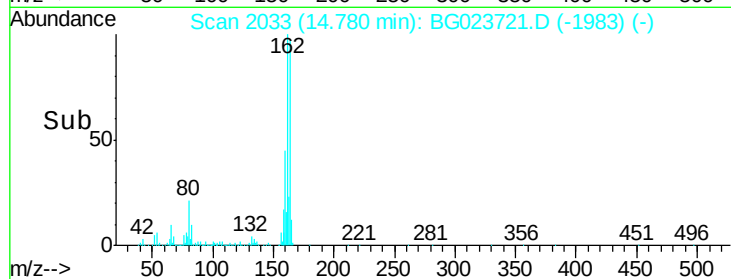
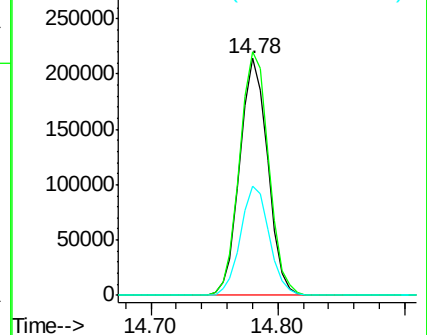
160 46.4 37.2 55.8



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: 125.92 ng

RT: 16.28 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

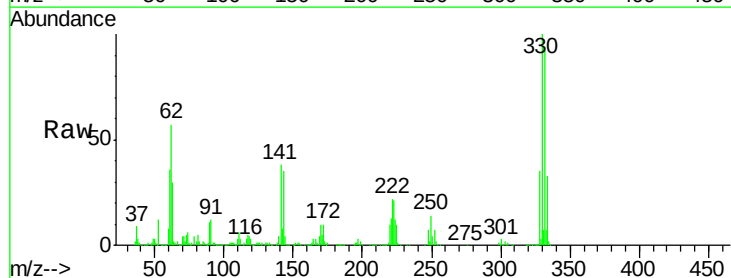
Tgt Ion:330 Resp: 602504

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

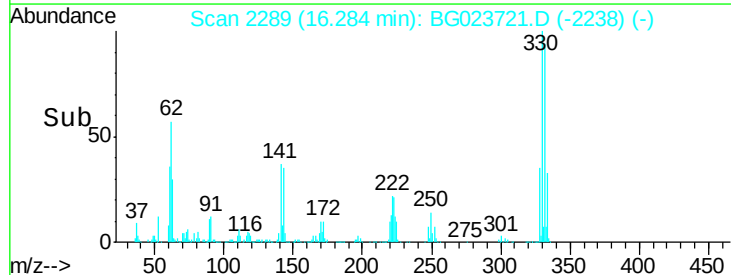
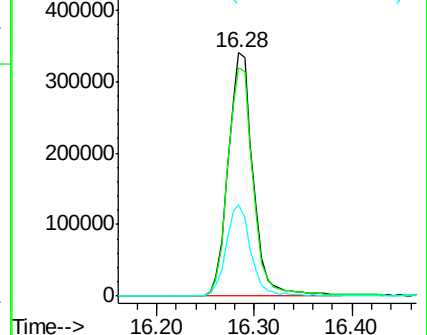
141 37.4 31.7 47.5

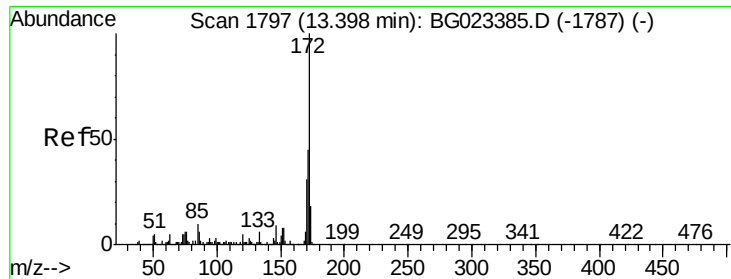


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

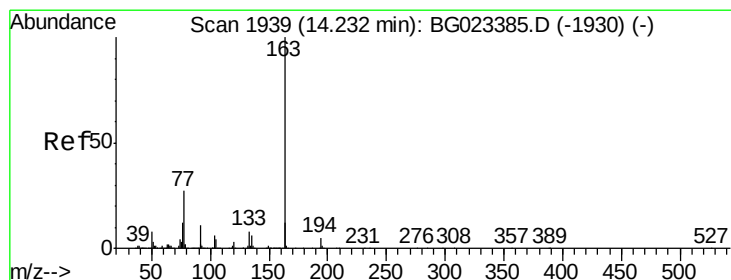
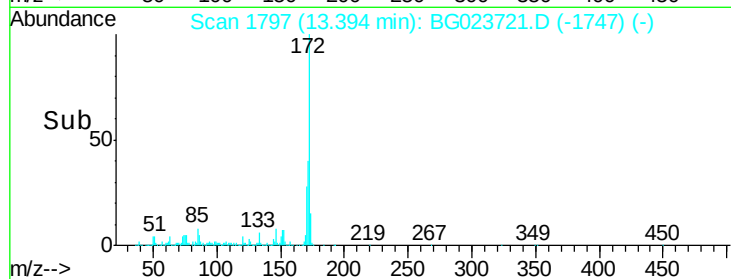
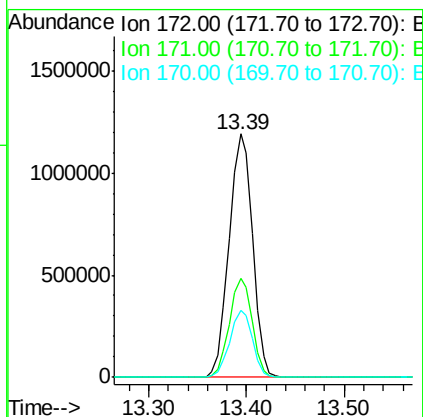
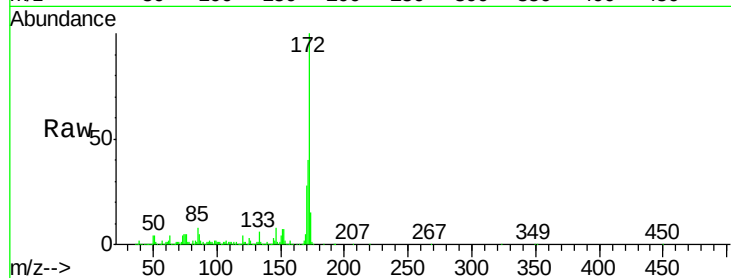




#44
2-Fluorobiphenyl
Concen: 102.69 ng
RT: 13.39 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023721.D
Acq: 15 Aug 2016 14:43

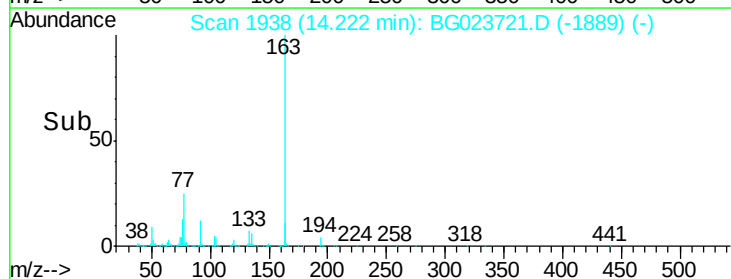
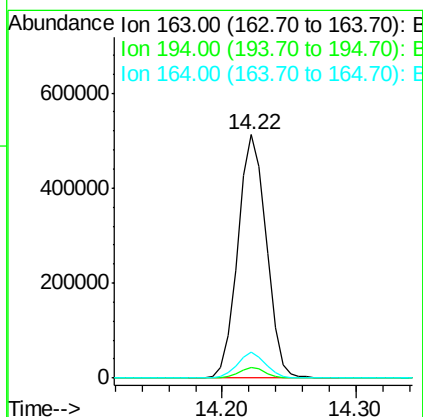
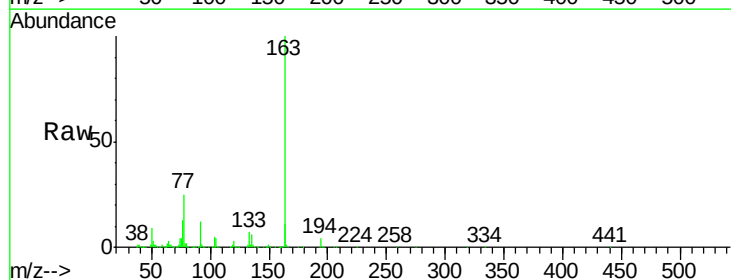
Instrument :
BNA_G
ClientSampleId :
S-2

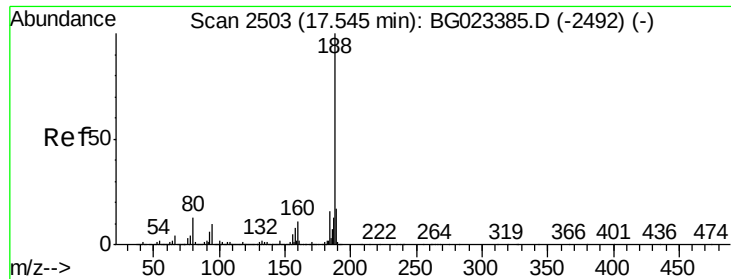
Tgt Ion:172 Resp: 1991672
Ion Ratio Lower Upper
172 100
171 40.5 31.6 47.4
170 27.7 21.3 31.9



#49
Dimethylphthalate
Concen: 30.12 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023721.D
Acq: 15 Aug 2016 14:43

Tgt Ion:163 Resp: 756076
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.8 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

Instrument :

BNA_G

ClientSampled :

S-2

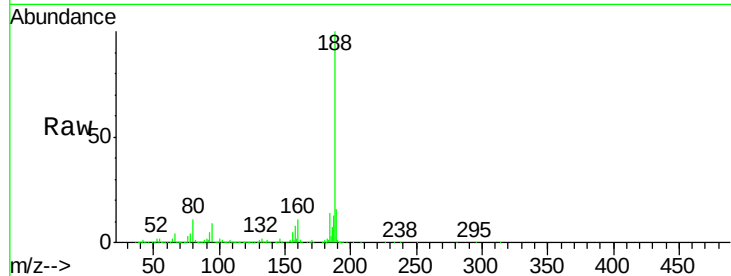
Tgt Ion:188 Resp: 644998

Ion Ratio Lower Upper

188 100

94 9.1 5.2 7.8#

80 10.8 7.2 10.8#

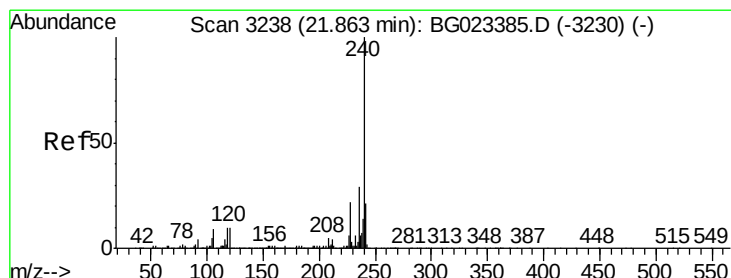
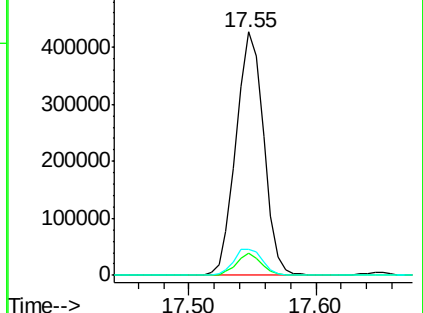
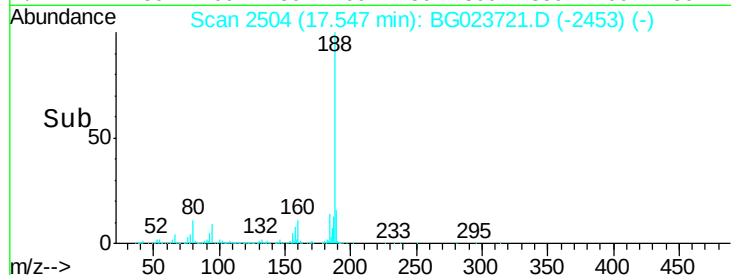


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3241

Delta R.T. 0.01 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

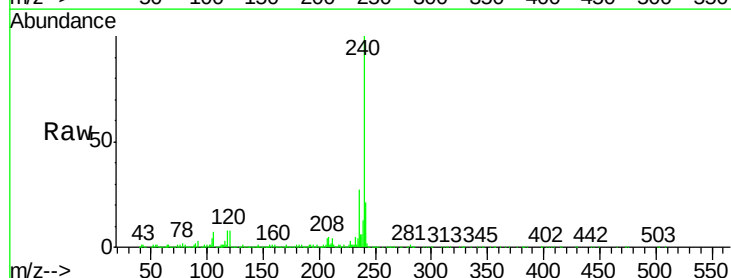
Tgt Ion:240 Resp: 716272

Ion Ratio Lower Upper

240 100

120 7.9 4.1 6.1#

236 26.8 21.1 31.7

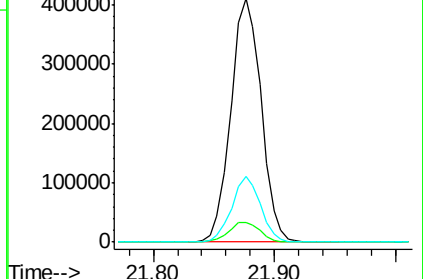
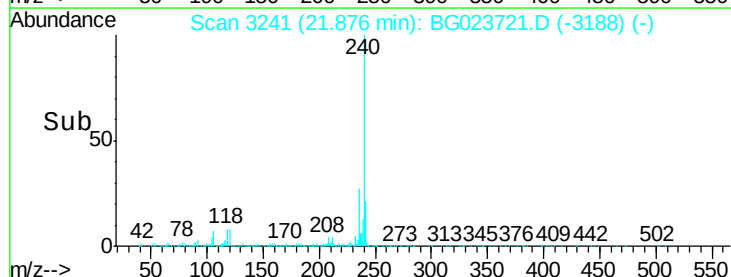


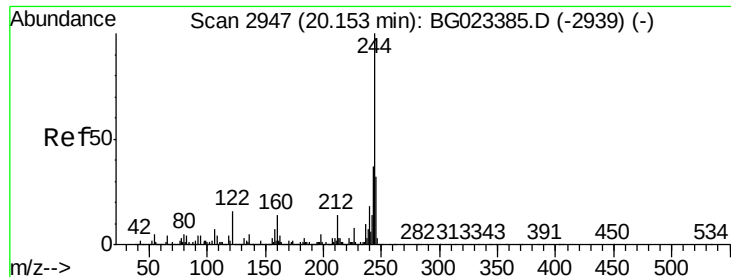
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#78

Terphenyl-d14

Concen: 93.17 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

Instrument :

BNA_G

ClientSampleId :

S-2

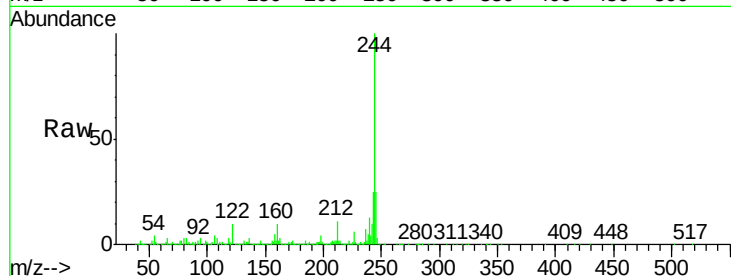
Tgt Ion:244 Resp: 2090327

Ion Ratio Lower Upper

244 100

212 11.1 10.8 16.2

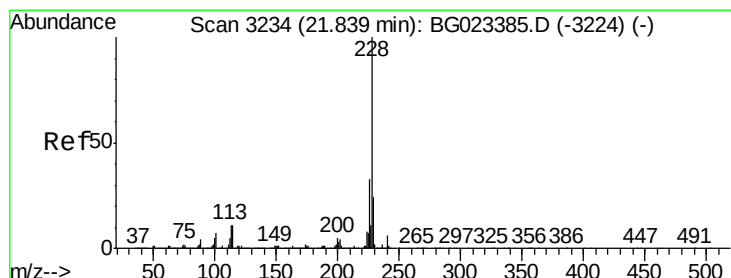
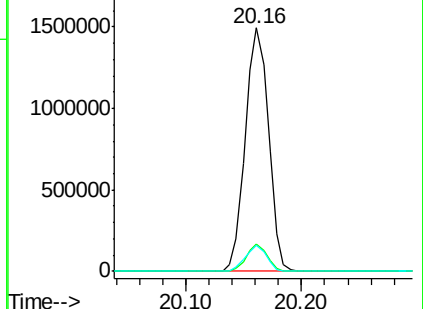
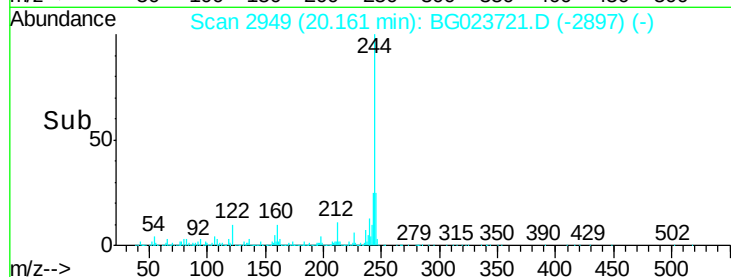
122 10.5 8.0 12.0



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: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

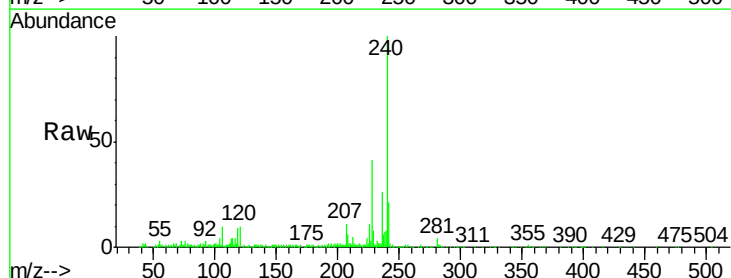
Tgt Ion:228 Resp: 87001

Ion Ratio Lower Upper

228 100

226 26.6 25.3 37.9

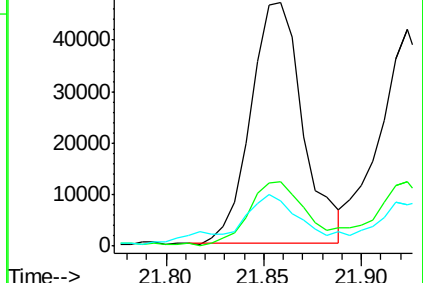
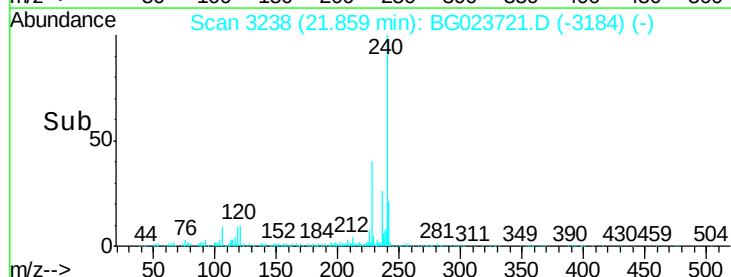
229 18.7 19.9 29.9#

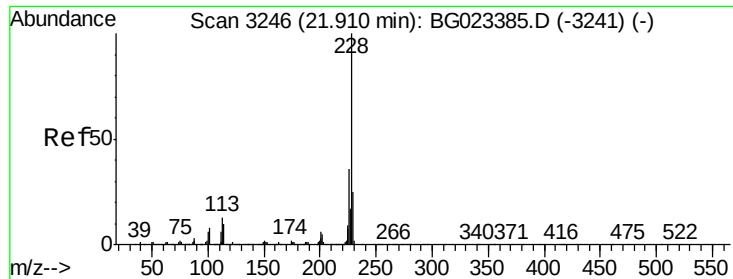


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.00 ng

RT: 21.92 min Scan# 3249

Delta R.T. 0.01 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

Instrument :

BNA_G

ClientSampleId :

S-2

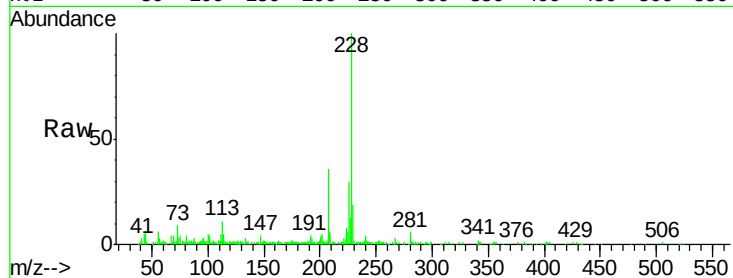
Tgt Ion:228 Resp: 75291

Ion Ratio Lower Upper

228 100

226 29.8 26.7 40.1

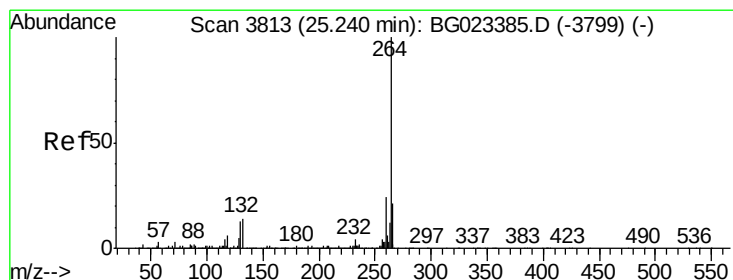
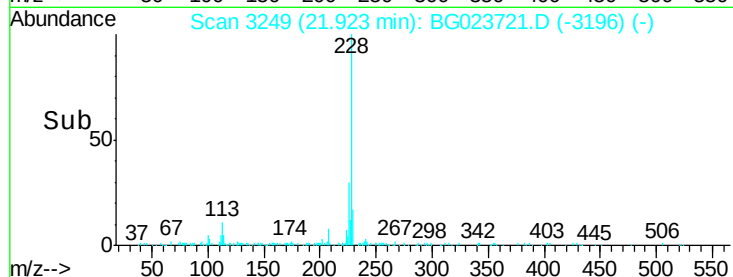
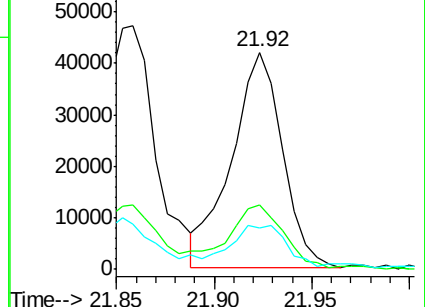
229 19.2 17.4 26.2



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: 25.29 min Scan# 3822

Delta R.T. 0.05 min

Lab File: BG023721.D

Acq: 15 Aug 2016 14:43

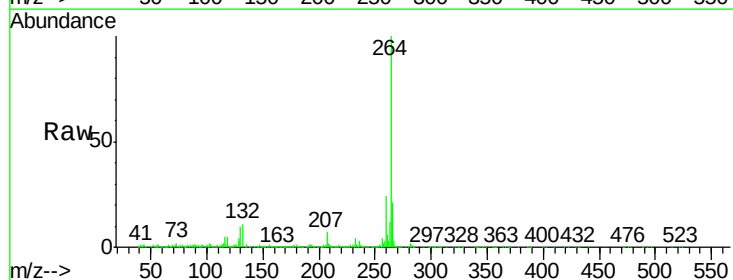
Tgt Ion:264 Resp: 711319

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

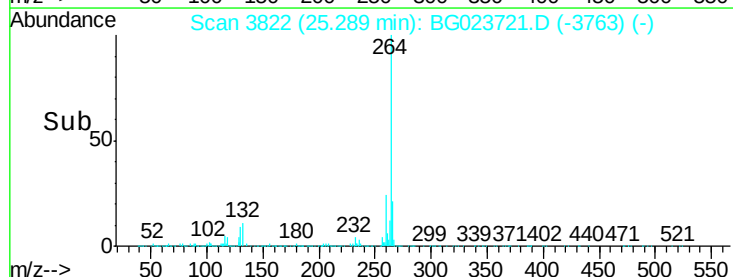
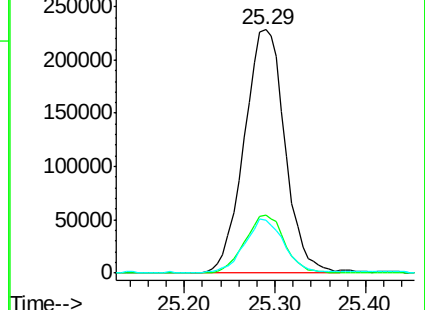
265 21.5 18.9 28.3

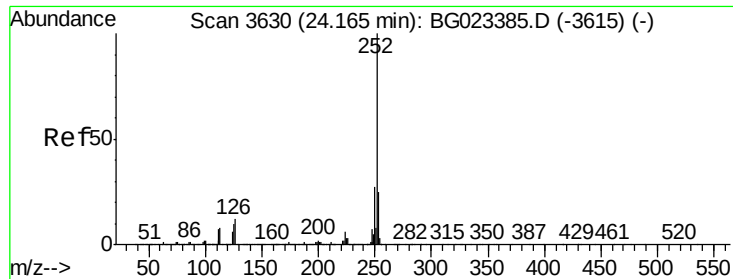


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

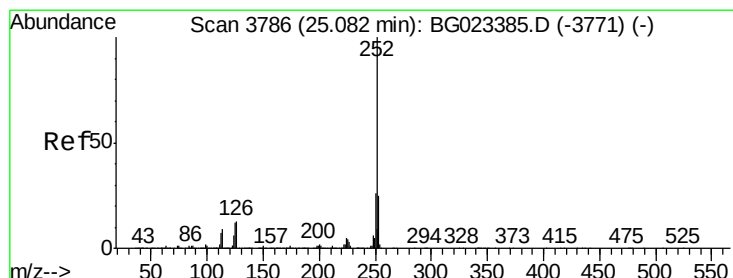
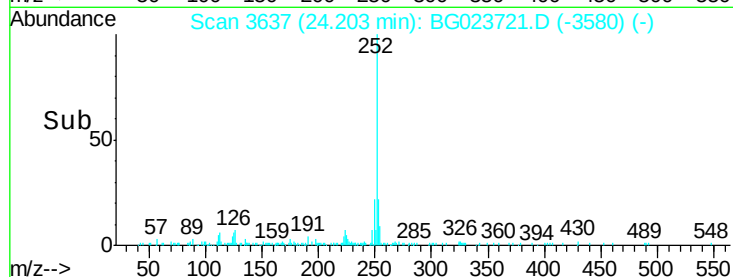
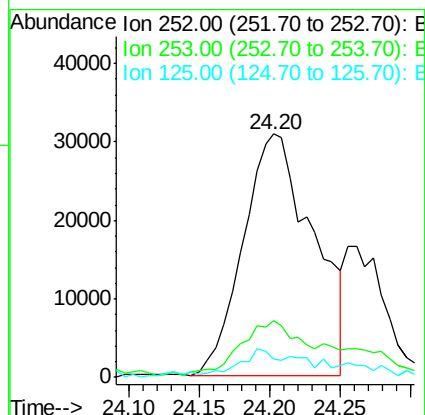
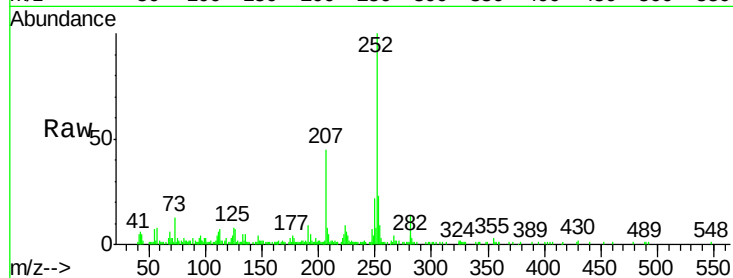




#87
Benzo(b)fluoranthene
Concen: 2.67 ng
RT: 24.20 min Scan# 3637
Delta R.T. 0.04 min
Lab File: BG023721.D
Acq: 15 Aug 2016 14:43

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	7.7	3.9	5.9



#89
Benzo(a)pyrene
Concen: 2.06 ng
RT: 25.12 min Scan# 3793
Delta R.T. 0.04 min
Lab File: BG023721.D
Acq: 15 Aug 2016 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.0	18.7	28.1
125	11.3	3.9	5.9

