

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081516\
 Data File : BG023722.D
 Acq On : 15 Aug 2016 15:20
 Operator : UM/SJ
 Sample : H4452-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 15 17:14:52 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

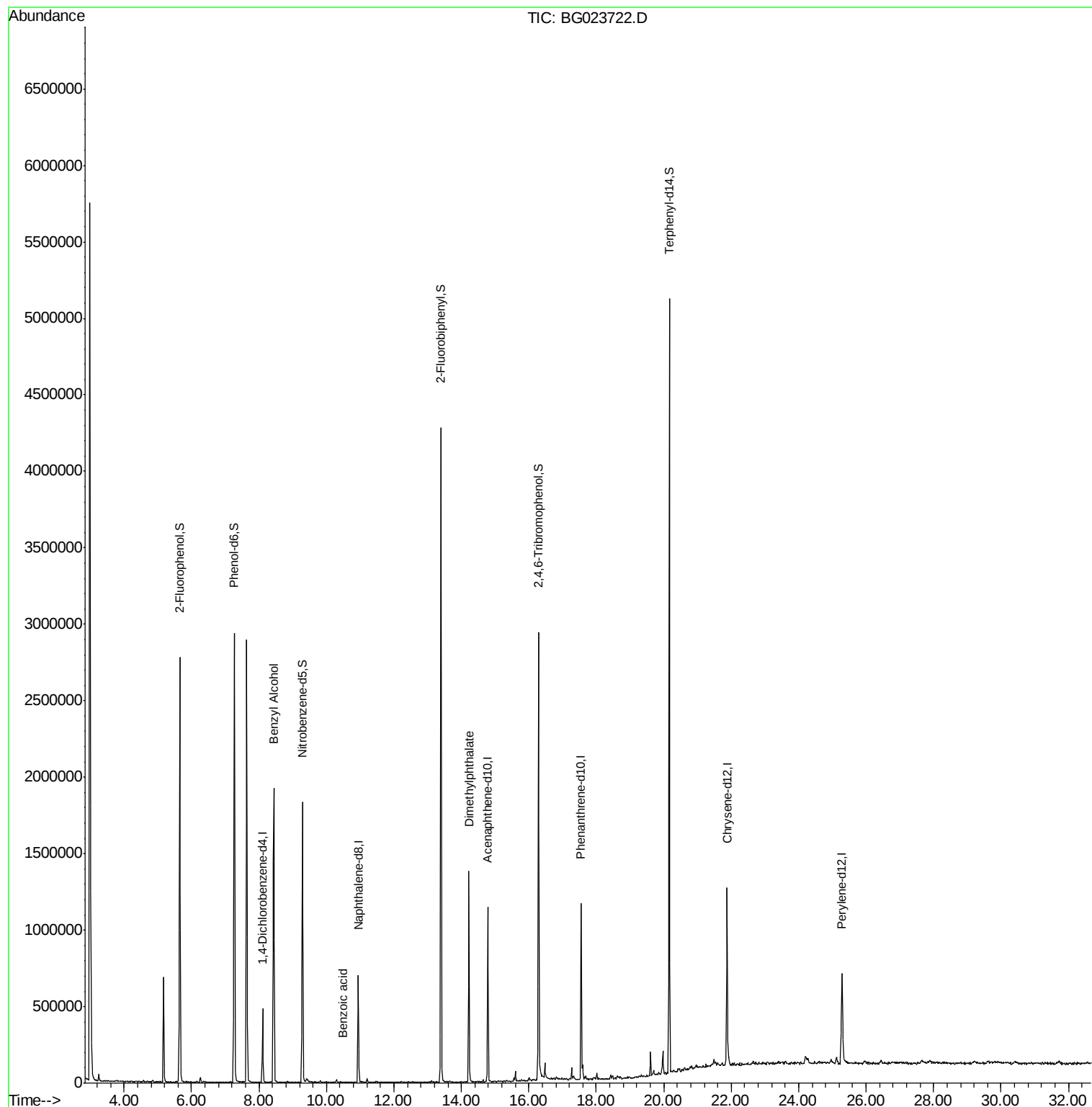
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	124273	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	581548	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	371672	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	714911	20.00	ng	0.00
75) Chrysene-d12	21.88	240	690819	20.00	ng	0.01
86) Perylene-d12	25.28	264	693427	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1175834	159.27	ng	0.00
7) Phenol-d6	7.27	99	1724813	149.99	ng	0.00
23) Nitrobenzene-d5	9.29	82	1205382	103.05	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	593133	109.10	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	2040525	92.60	ng	0.00
78) Terphenyl-d14	20.16	244	2034435	94.24	ng	0.00
Target Compounds						
9) Benzaldehyde	7.27	77	3845	Below Cal	#	11
15) Benzyl Alcohol	8.43	79	19842	2.28 ng	#	66
32) Benzoic acid	10.48	122	61	6.45 ng	#	1
49) Dimethylphthalate	14.22	163	853114	29.92 ng		98
73) Di-n-butylphthalate	18.50	149	7659	Below Cal	#	94
74) Fluoranthene	19.61	202	98760	Below Cal		91
77) Pyrene	19.97	202	97299	Below Cal	#	90

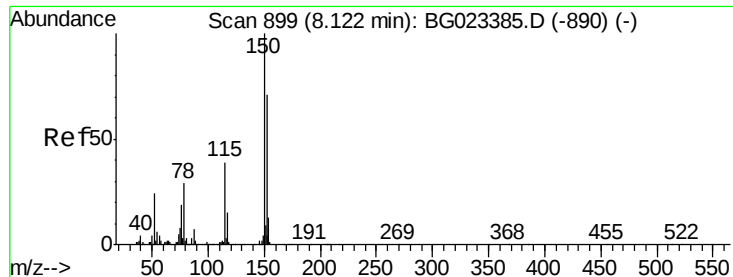
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081516\
Data File : BG023722.D
Acq On : 15 Aug 2016 15:20
Operator : UM/SJ
Sample : H4452-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 15 17:14:52 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



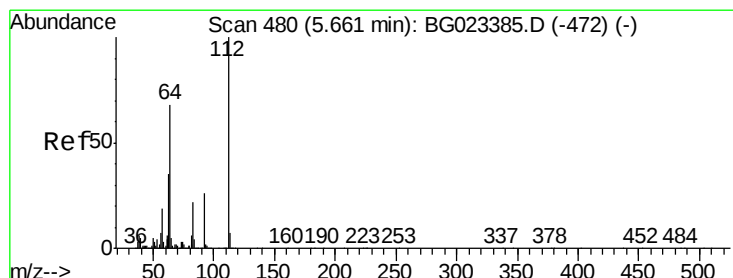
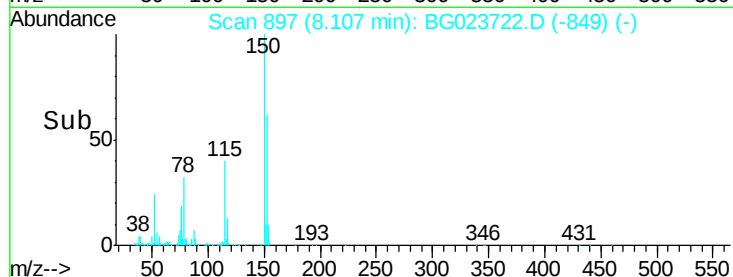
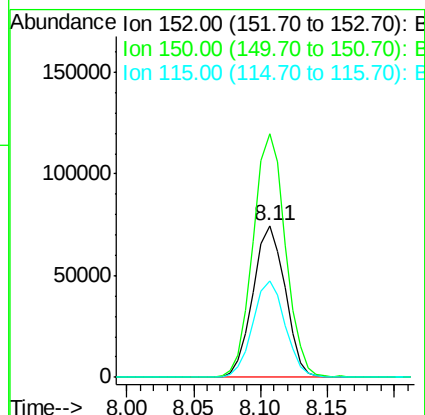
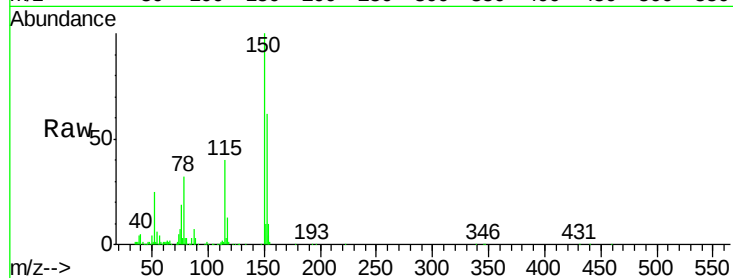


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.02 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

Instrument :
BNA_G
ClientSampleId :

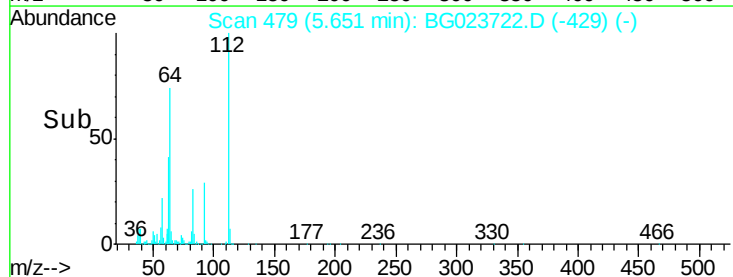
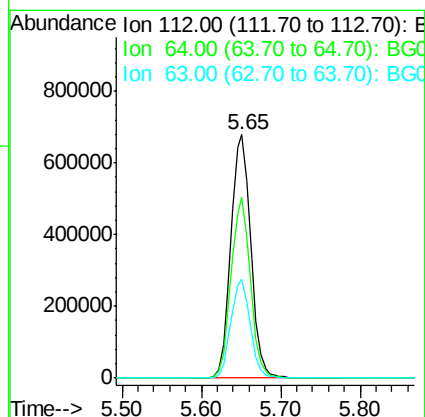
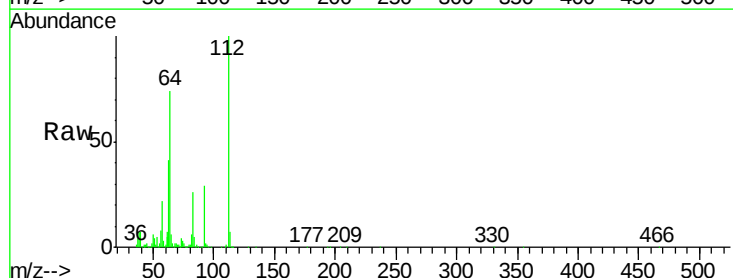
Tot Ion:152 Resp: 124273
Ion Ratio Lower Upper
152 100
150 160.5 144.7 217.1
115 63.5 64.0 96.0#

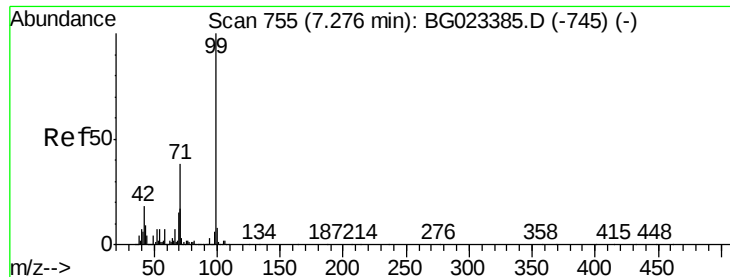


#5

2-Fluorophenol
Concen: 159.27 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

Tgt Ion:112 Resp: 1175834
Ion Ratio Lower Upper
112 100
64 74.2 59.0 88.4
63 40.8 37.8 56.8





#7

Phenol-d6

Concen: 149.99 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

Instrument :

BNA_G

ClientSampleId :

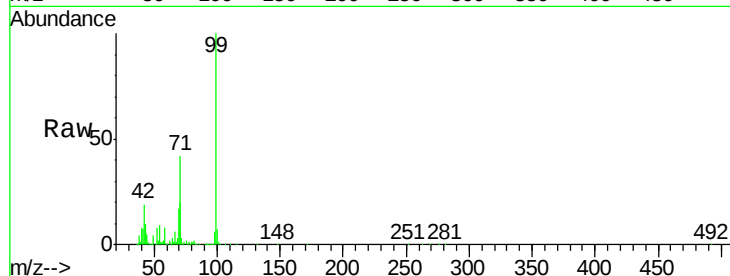
Tot Ion: 99 Resp: 1724813

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.8	26.6
71	42.4	41.5	62.3

99 100

42 19.3 17.8 26.6

71 42.4 41.5 62.3

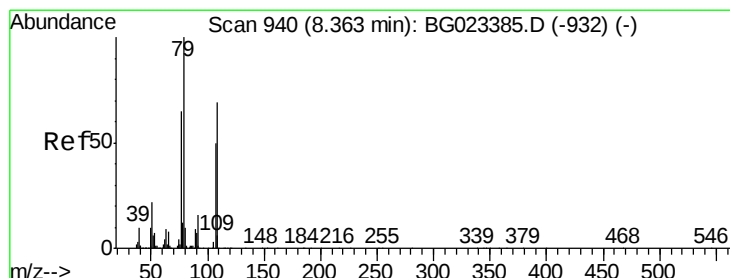
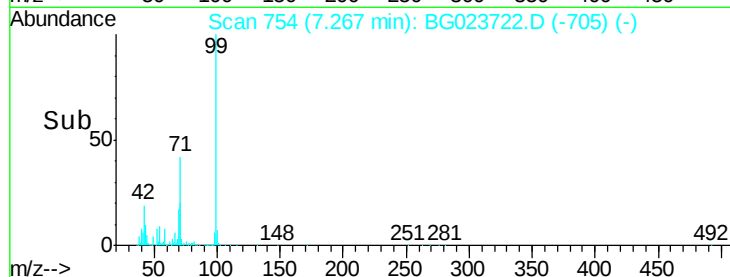
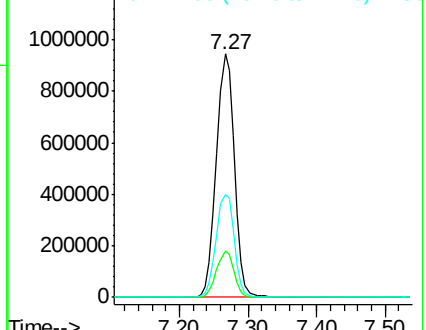


Abundance

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: 2.28 ng

RT: 8.43 min Scan# 952

Delta R.T. 0.07 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

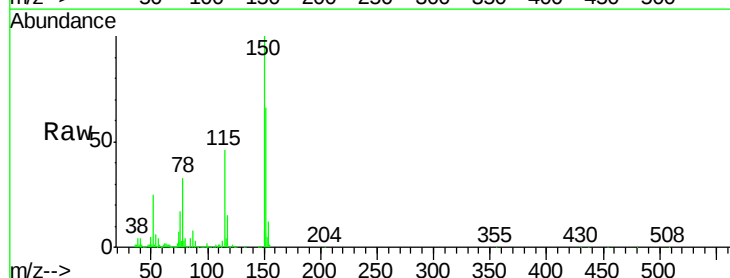
Tgt Ion: 79 Resp: 19842

Ion	Ratio	Lower	Upper
79	100		
108	25.9	46.5	69.7#
77	86.1	52.3	78.5#

79 100

108 25.9 46.5 69.7#

77 86.1 52.3 78.5#

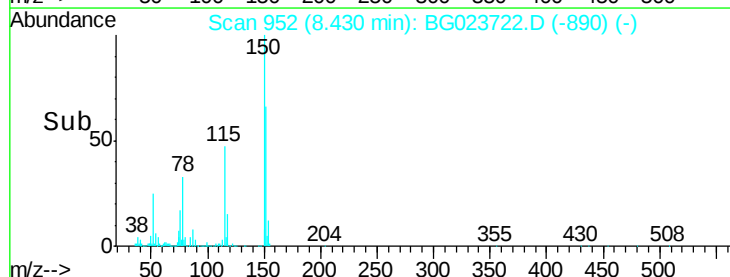
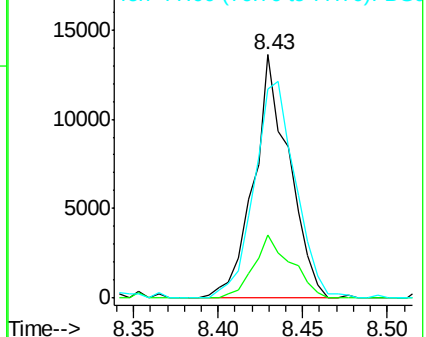


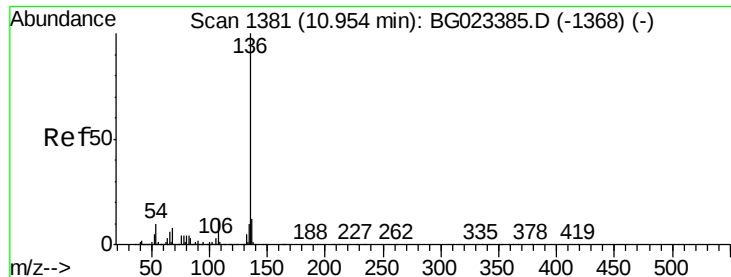
Abundance

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: BG023722.D

Acq: 15 Aug 2016 15:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 581548

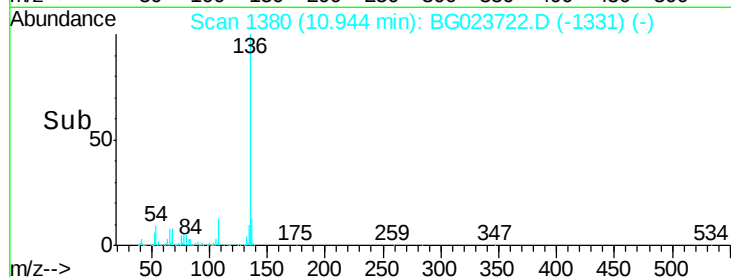
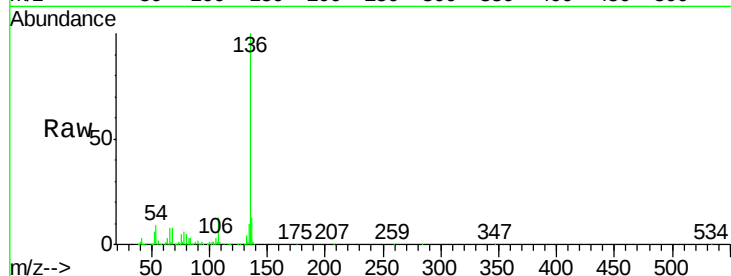
Ion Ratio Lower Upper

136 100

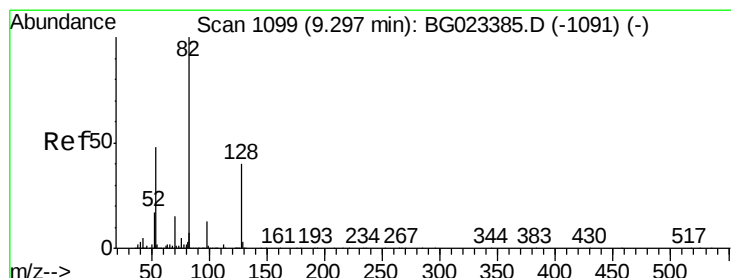
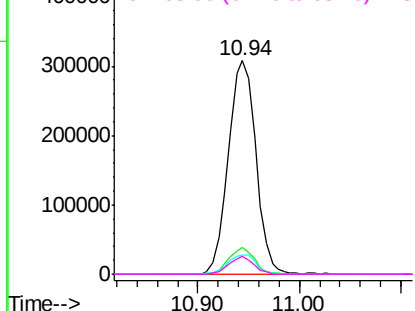
137 12.8 9.6 14.4

54 9.1 7.3 10.9

68 8.1 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: 103.05 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

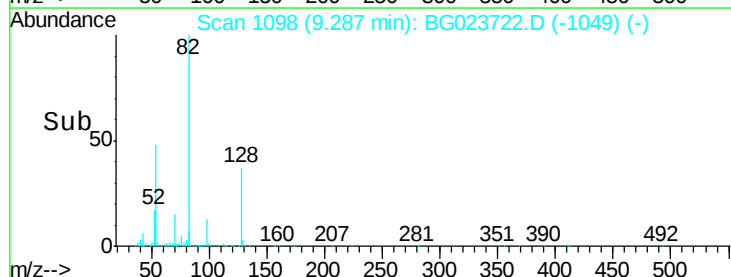
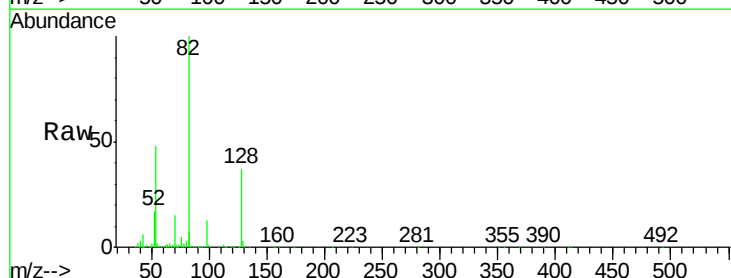
Tgt Ion: 82 Resp: 1205382

Ion Ratio Lower Upper

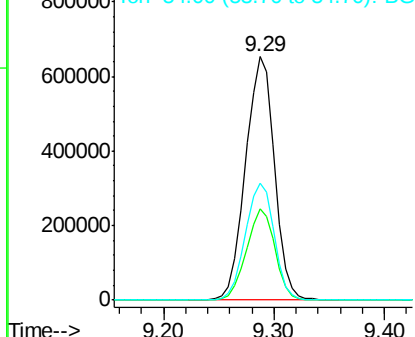
82 100

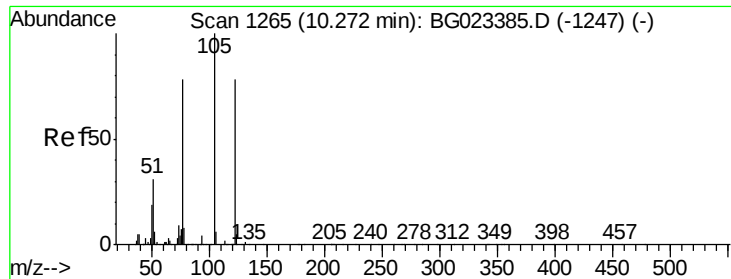
128 37.3 24.4 36.6#

54 48.1 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

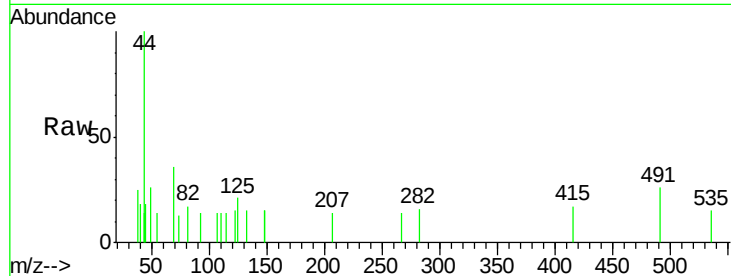




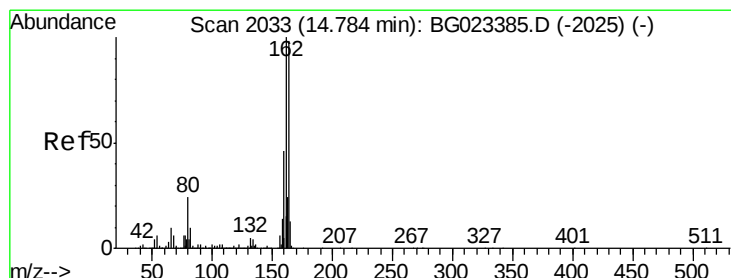
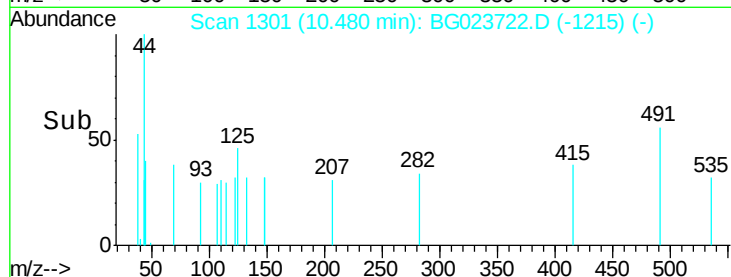
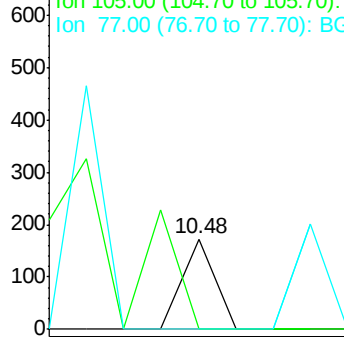
#32
Benzoic acid
Concen: 6.45 ng
RT: 10.48 min Scan# 1301
Delta R.T. 0.21 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

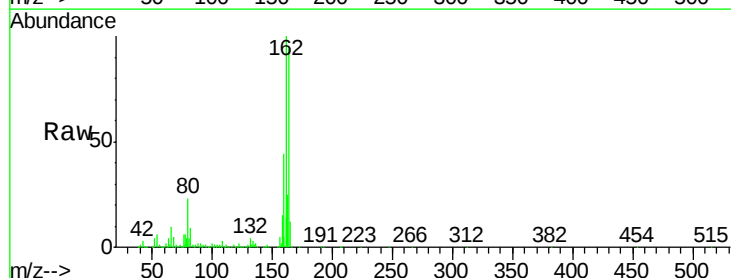


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

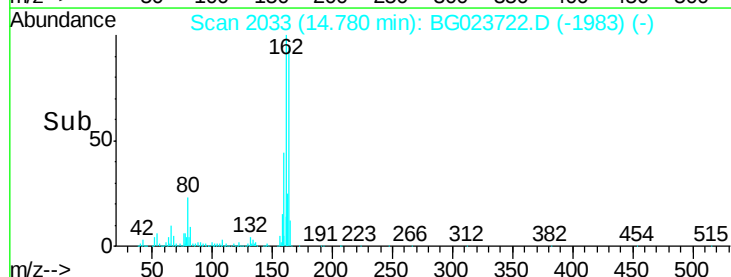
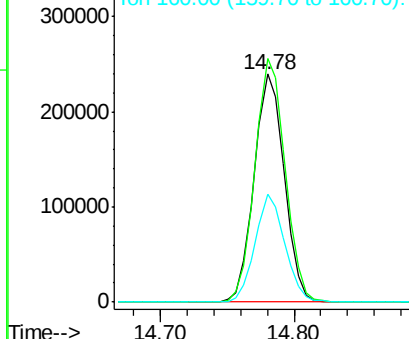


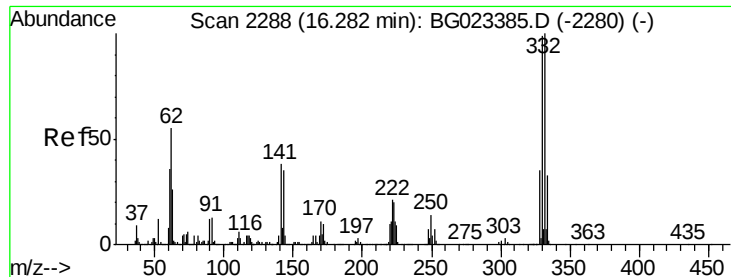
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

Tgt Ion:164 Resp: 371672
Ion Ratio Lower Upper
164 100
162 106.9 87.7 131.5
160 47.4 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

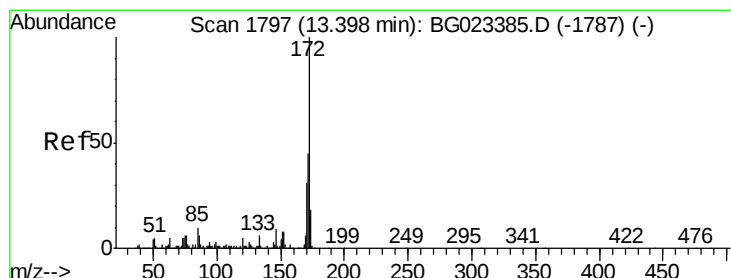
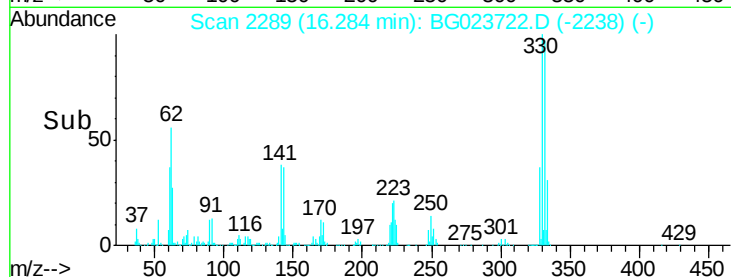
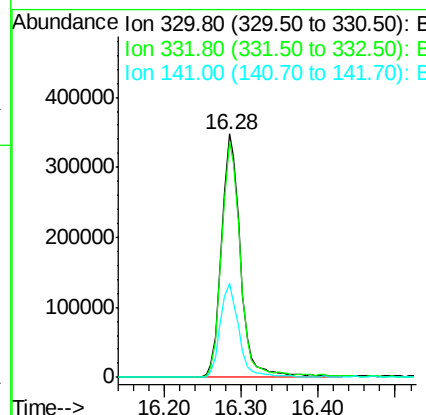
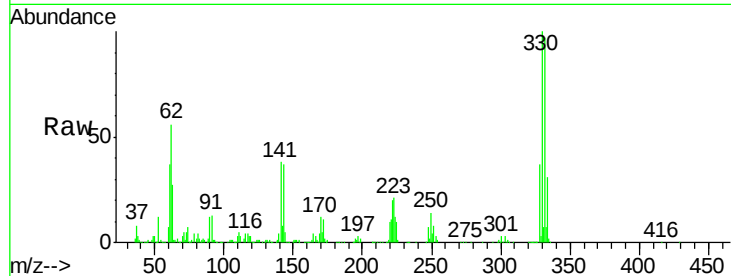




#41
 2,4,6-Tribromophenol
 Concen: 109.10 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023722.D
 Acq: 15 Aug 2016 15:20

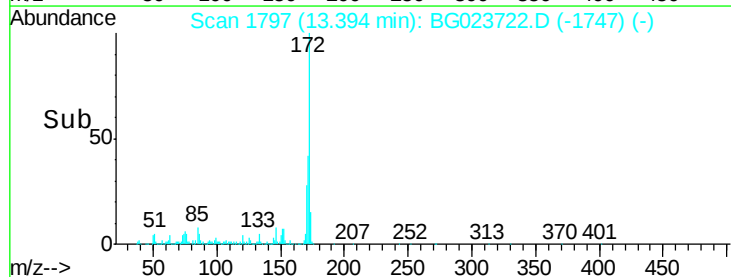
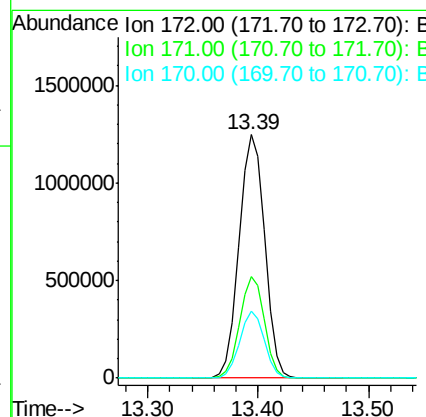
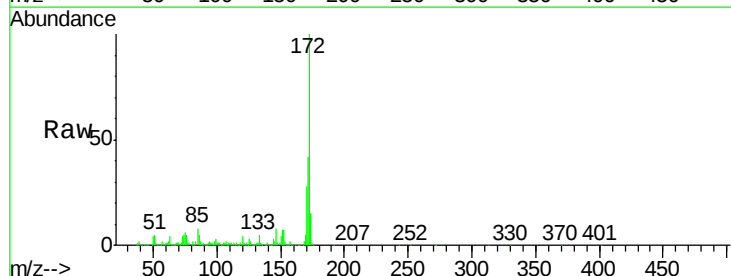
Instrument :
 BNA_G
 ClientSampleId :

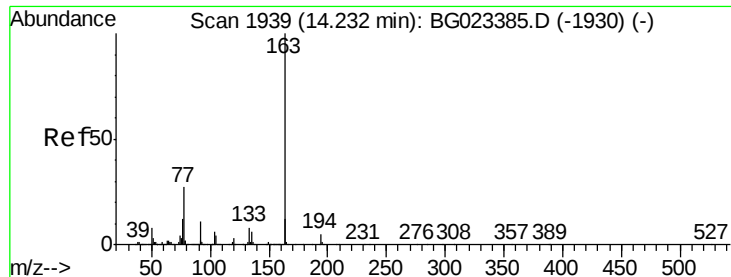
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	37.8	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 92.60 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023722.D
 Acq: 15 Aug 2016 15:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.8	31.6	47.4
170	27.7	21.3	31.9





#49

Dimethylphthalate

Concen: 29.92 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

Instrument :

BNA_G

ClientSampleId :

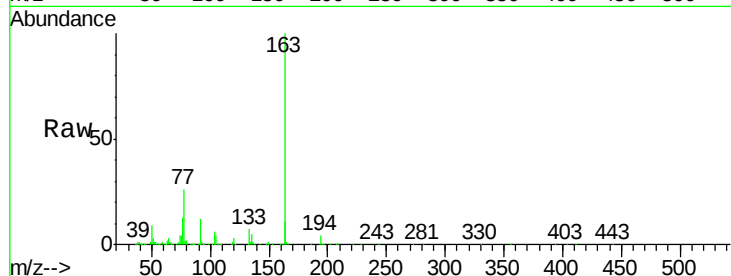
Tot Ion:163 Resp: 853114

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

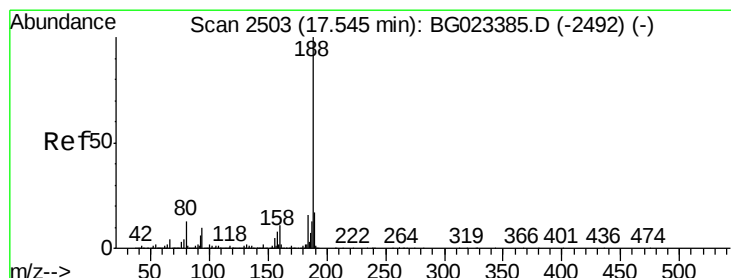
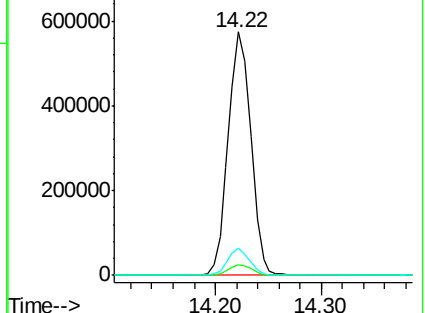
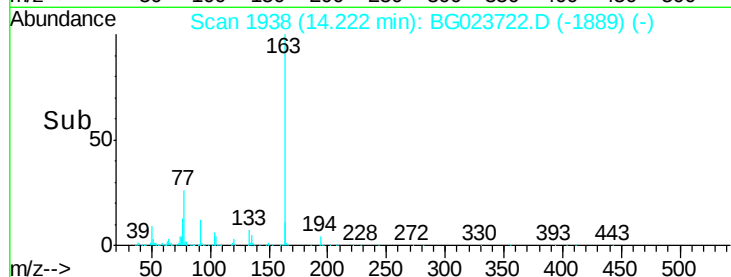
164 11.3 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

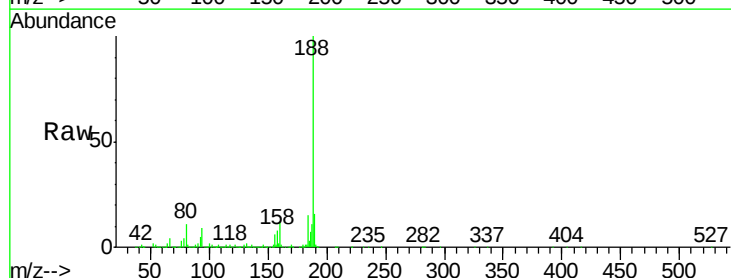
Tgt Ion:188 Resp: 714911

Ion Ratio Lower Upper

188 100

94 9.0 5.2 7.8#

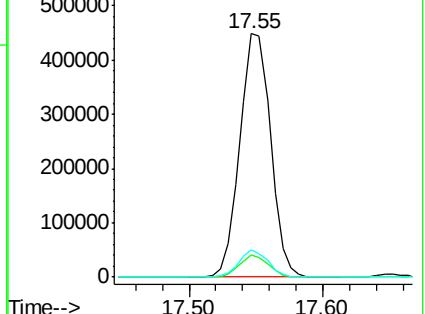
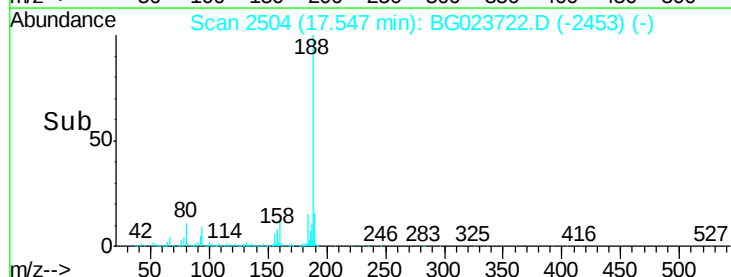
80 11.1 7.2 10.8#

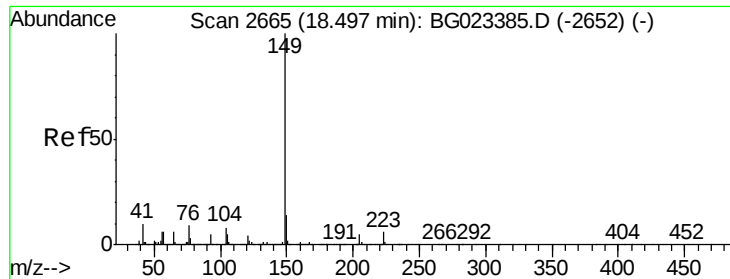


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

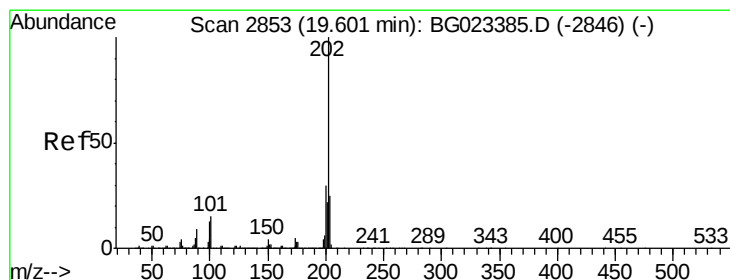
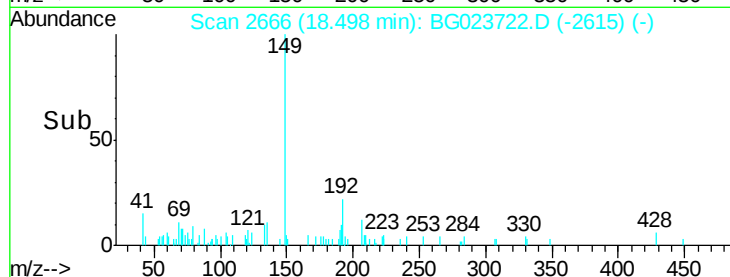
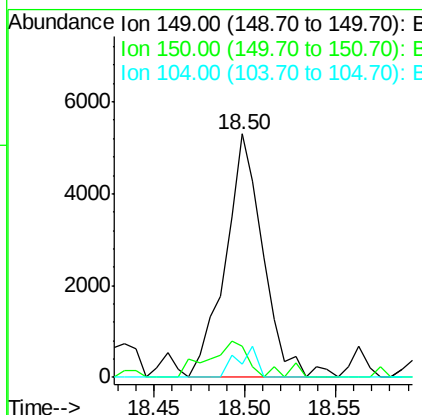
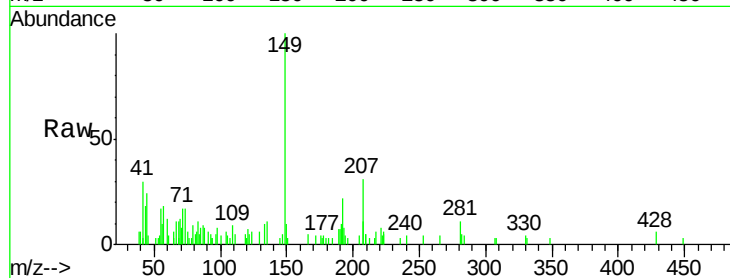




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.50 min Scan# 2666
Delta R.T. 0.00 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

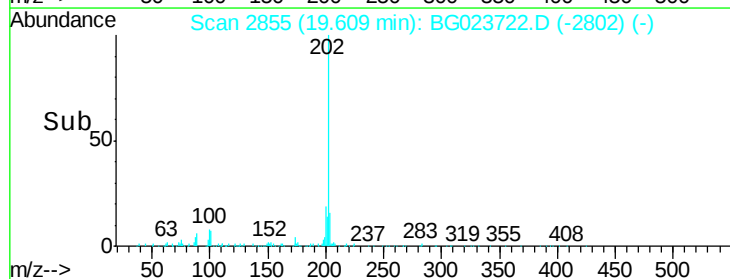
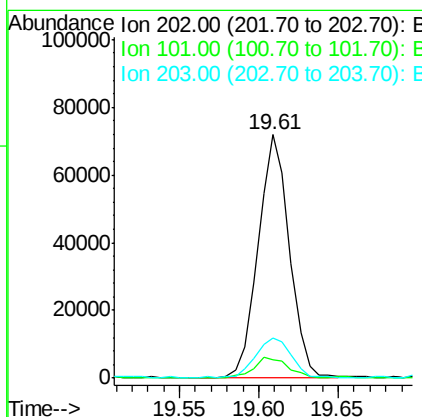
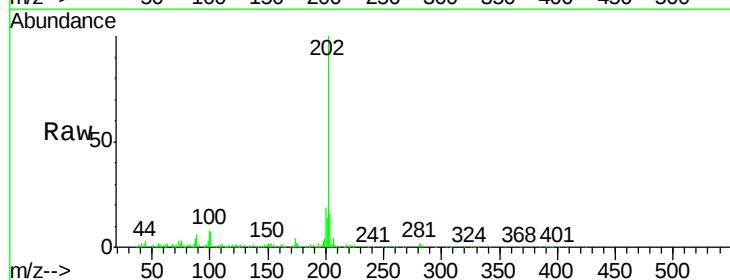
Instrument :
BNA_G
ClientSampleId :

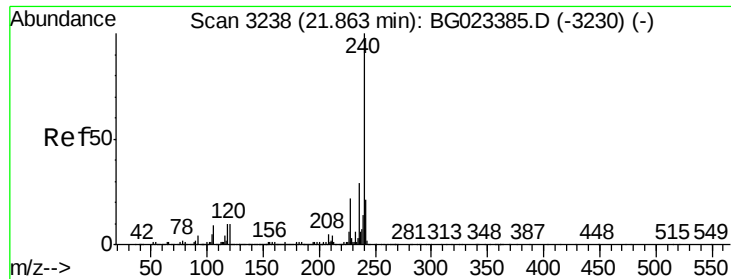
Tot Ion	Ratio	Lower	Upper
149	100		
150	12.7	9.1	13.7
104	5.5	6.9	10.3



#74
Fluoranthene
Concen: Below Cal
RT: 19.61 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.4
203	16.3	1.7	41.7

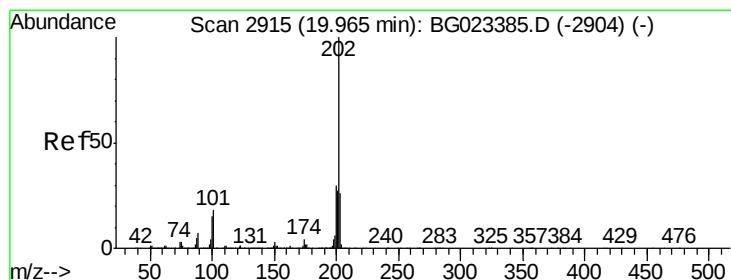
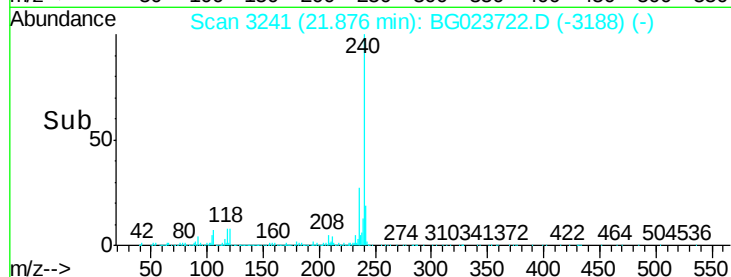
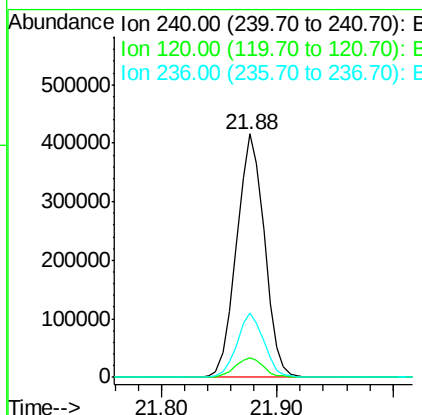
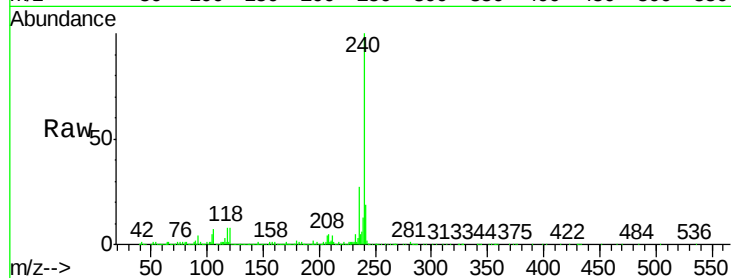




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. 0.01 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

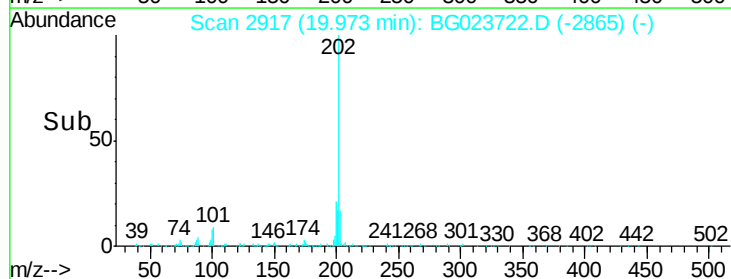
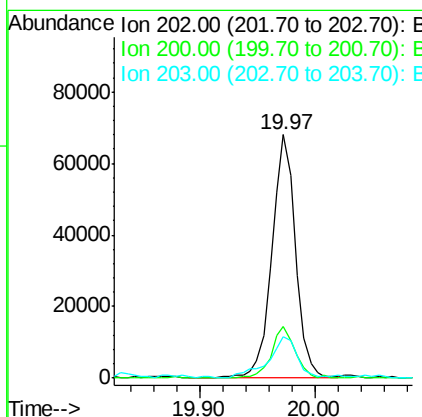
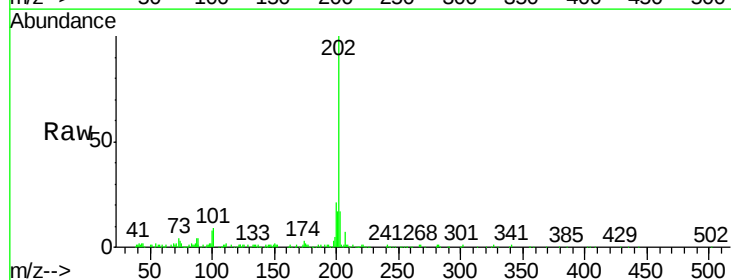
Instrument :
BNA_G
ClientSampled :

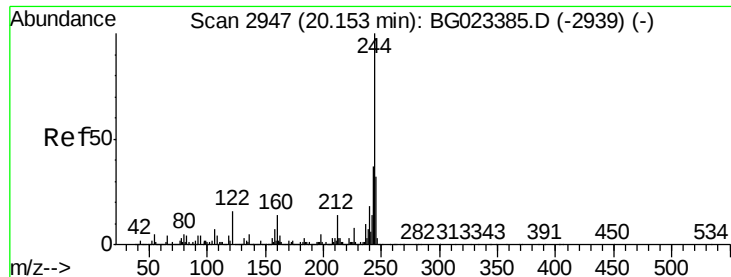
Tot Ion:240 Resp: 690819
Ion Ratio Lower Upper
240 100
120 7.9 4.1 6.1#
236 26.7 21.1 31.7



#77
Pyrene
Concen: Below Cal
RT: 19.97 min Scan# 2917
Delta R.T. 0.01 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

Tgt Ion:202 Resp: 97299
Ion Ratio Lower Upper
202 100
200 21.1 21.2 31.8#
203 17.0 16.8 25.2





#78

Terphenyl-d14

Concen: 94.24 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

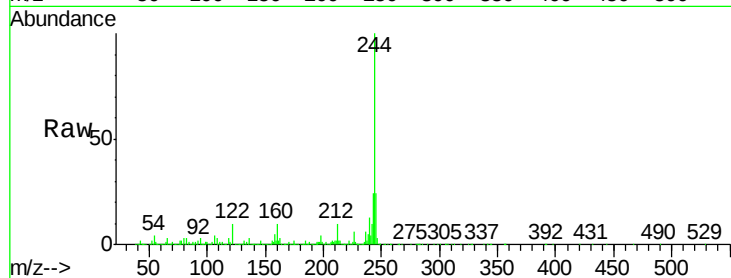
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2034435

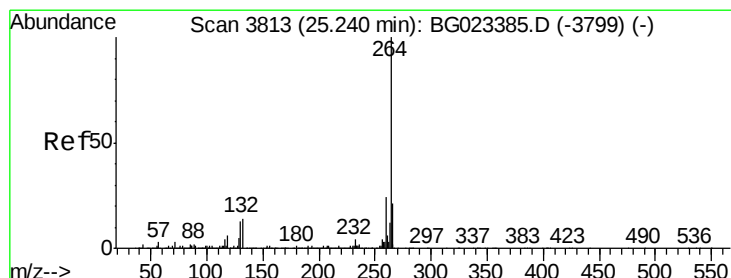
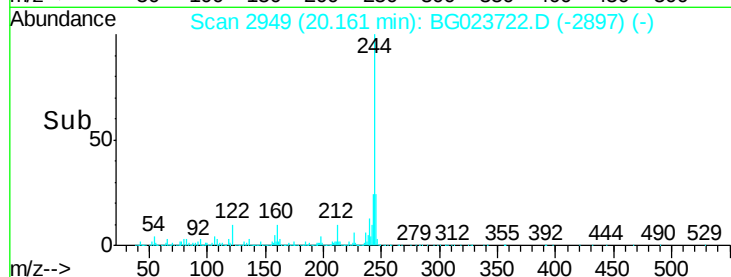
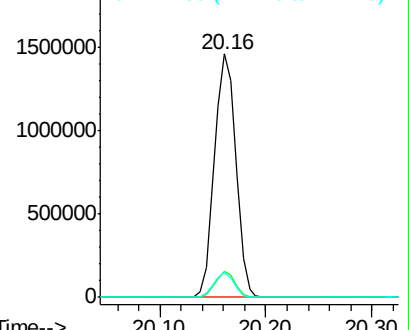
Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	10.1	8.0	12.0



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: 25.28 min Scan# 3821

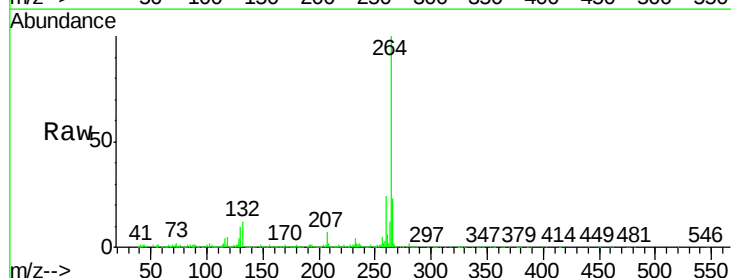
Delta R.T. 0.04 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

Tgt Ion:264 Resp: 693427

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	22.6	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

