

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081516\
 Data File : BG023723.D
 Acq On : 15 Aug 2016 15:58
 Operator : UM/SJ
 Sample : H4452-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 15 17:15:09 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

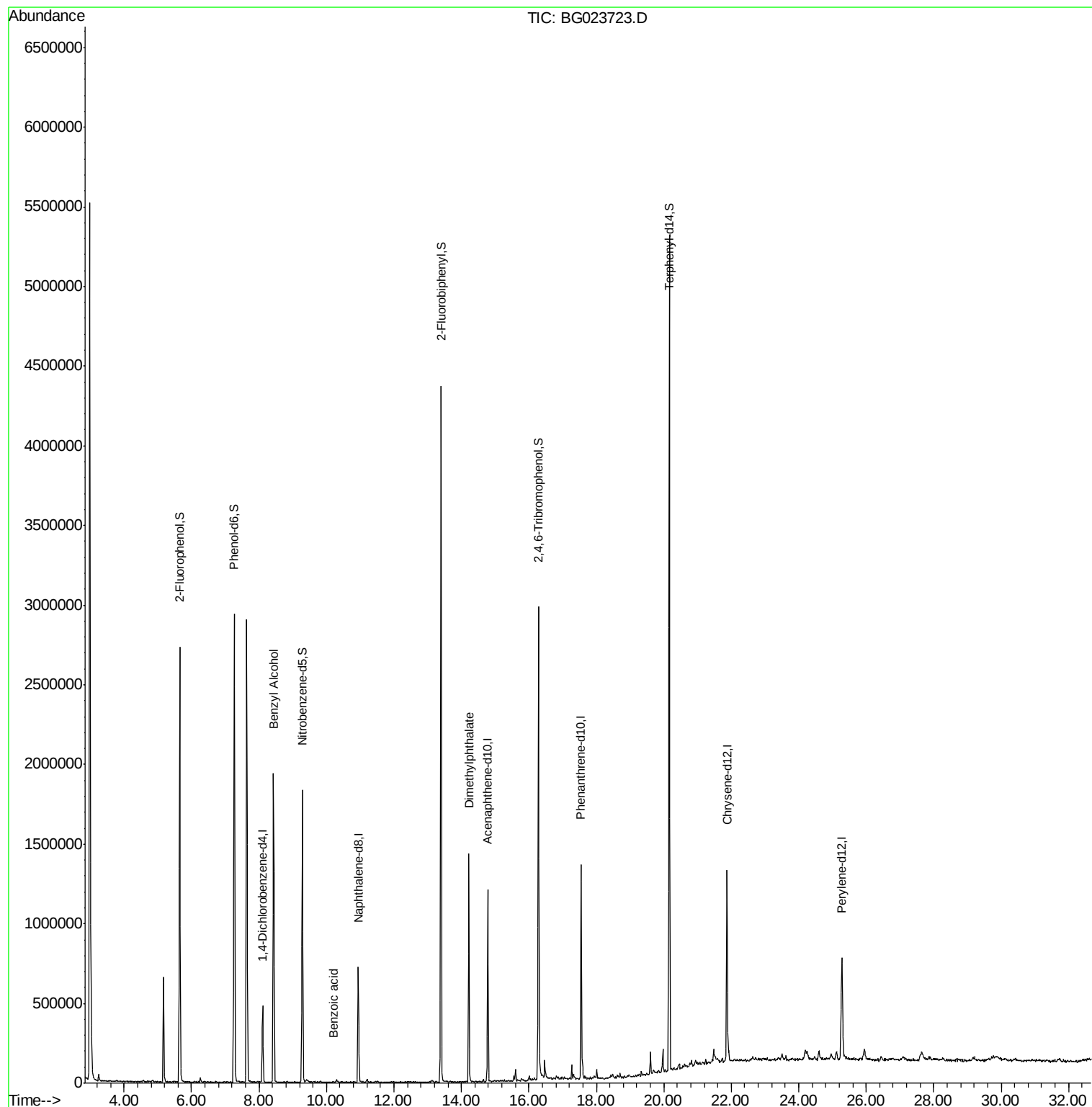
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	132072	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	605961	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	404307	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	799937	20.00	ng	0.00
75) Chrysene-d12	21.87	240	718880	20.00	ng	0.00
86) Perylene-d12	25.28	264	720562	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1160161	147.86	ng	-0.01
7) Phenol-d6	7.27	99	1719164	140.67	ng	0.00
23) Nitrobenzene-d5	9.29	82	1216622	99.82	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	610990	103.32	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2127041	88.74	ng	0.00
78) Terphenyl-d14	20.16	244	2086508	92.52	ng	0.01
Target Compounds						
9) Benzaldehyde	7.27	77	3429	Below Cal	#	15
15) Benzyl Alcohol	8.43	79	19576	2.11 ng	#	52
32) Benzoic acid	10.22	122	61	6.45 ng	#	1
49) Dimethylphthalate	14.22	163	906300	29.22 ng		100
73) Di-n-butylphthalate	18.50	149	9128	Below Cal	#	89
74) Fluoranthene	19.61	202	84661	Below Cal		95
77) Pyrene	19.97	202	90076	Below Cal	#	88

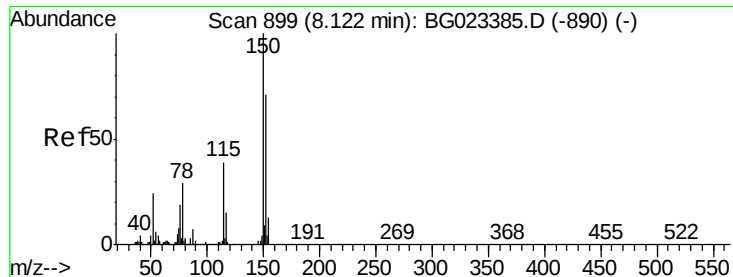
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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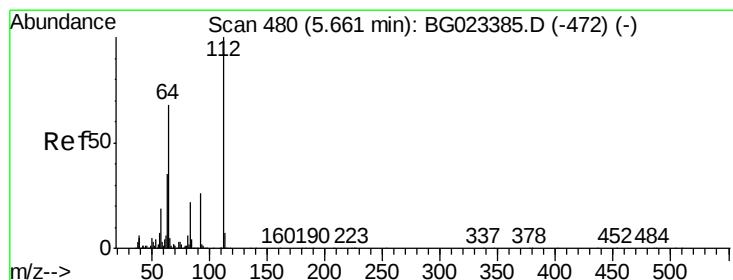
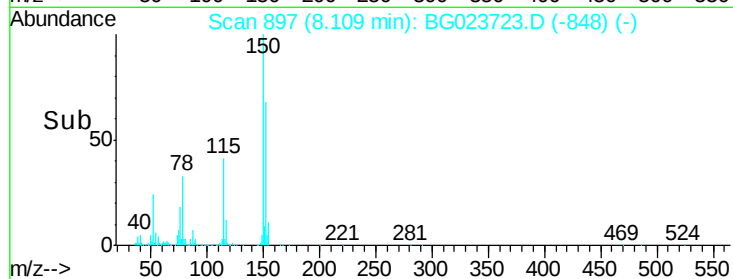
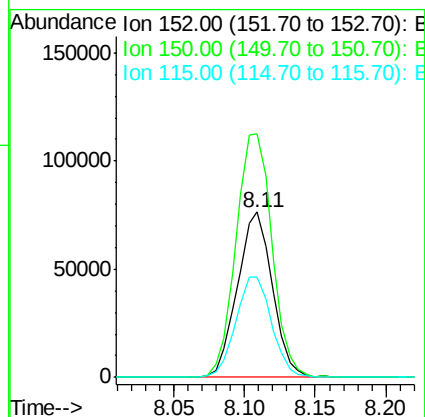
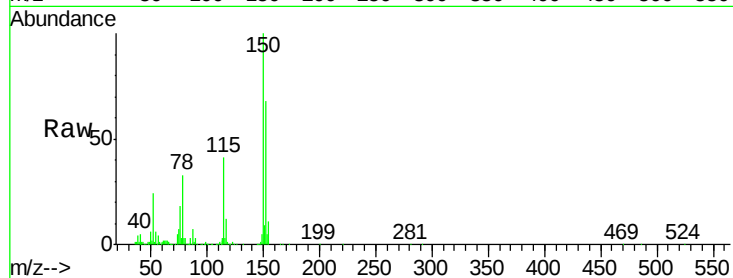


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023723.D
Acq: 15 Aug 2016 15:58

Instrument :
BNA_G
ClientSampled :

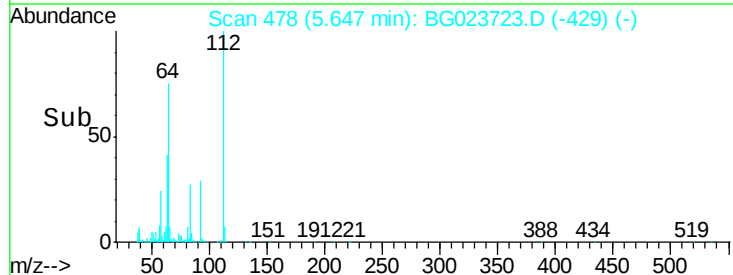
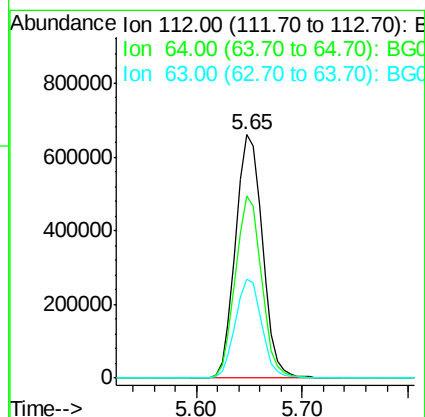
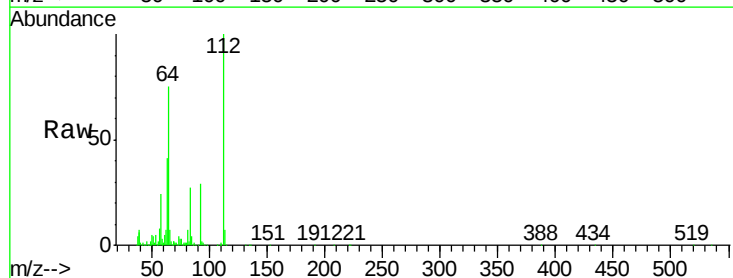
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	144.7	217.1
115	60.5	64.0	96.0

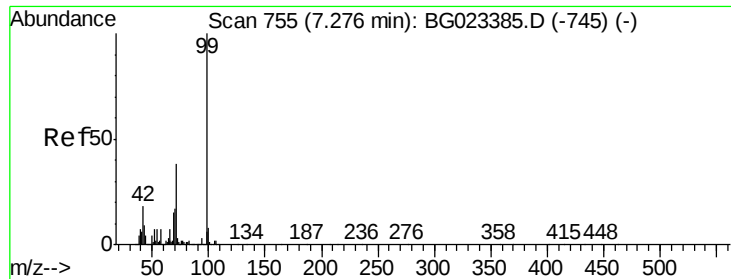


#5

2-Fluorophenol
Concen: 147.86 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG023723.D
Acq: 15 Aug 2016 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	40.6	37.8	56.8





#7

Phenol-d6

Concen: 140.67 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

Instrument :

BNA_G

ClientSampleId :

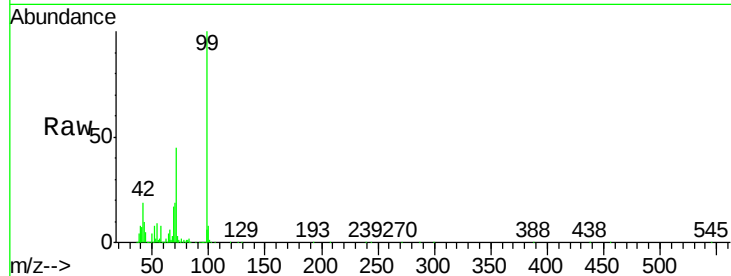
Tot Ion: 99 Resp: 1719164

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	44.7	41.5	62.3

99 100

42 19.4 17.8 26.6

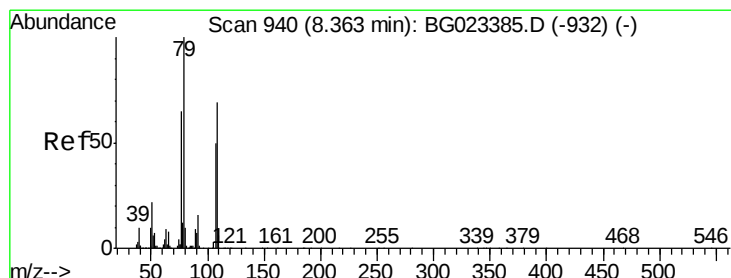
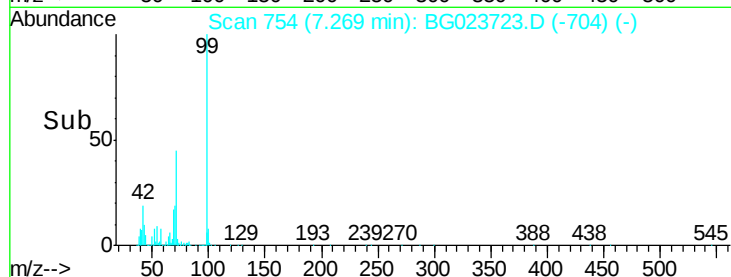
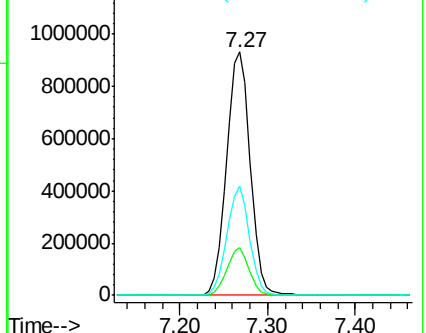
71 44.7 41.5 62.3



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: 2.11 ng

RT: 8.43 min Scan# 952

Delta R.T. 0.07 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

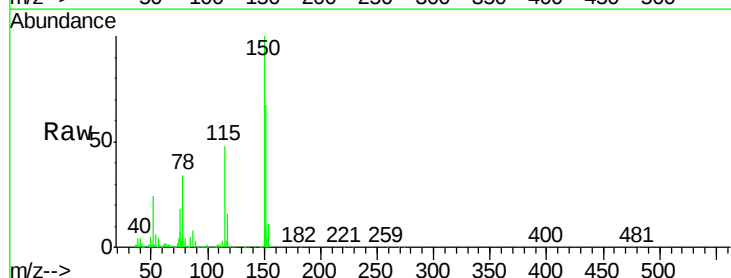
Tgt Ion: 79 Resp: 19576

Ion	Ratio	Lower	Upper
79	100		
108	25.2	46.5	69.7#
77	106.1	52.3	78.5#

79 100

108 25.2 46.5 69.7#

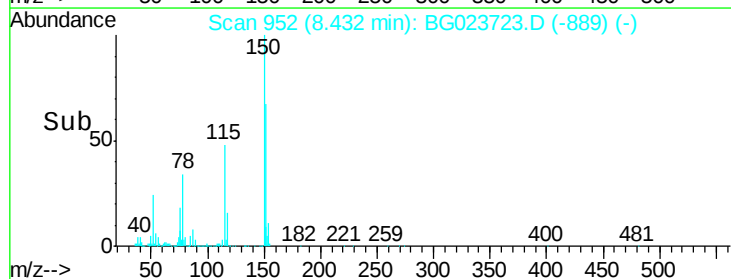
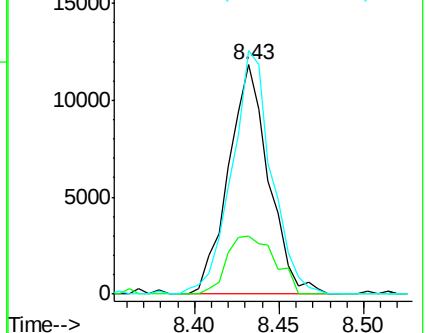
77 106.1 52.3 78.5#

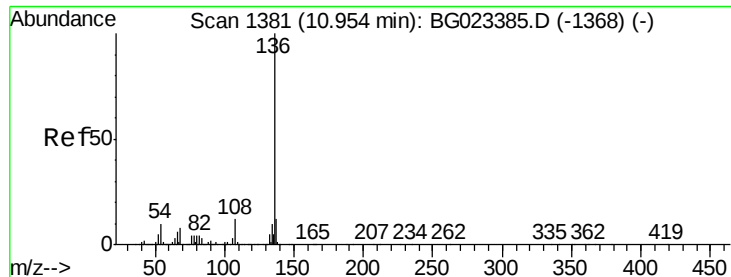


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

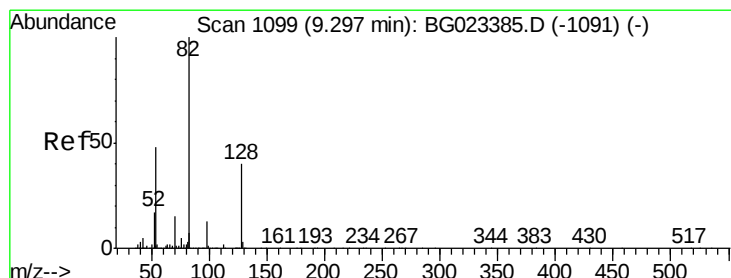
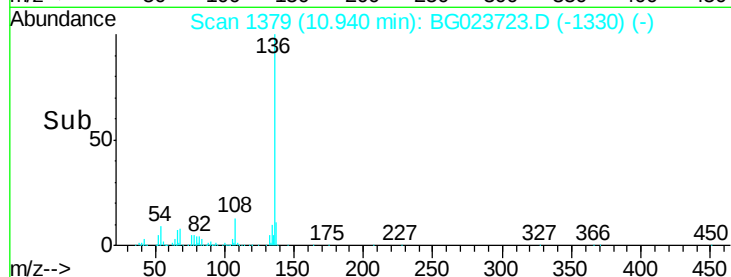
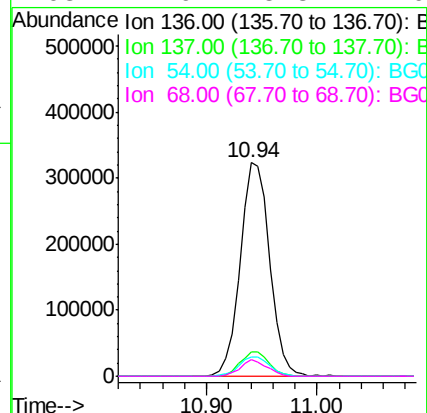
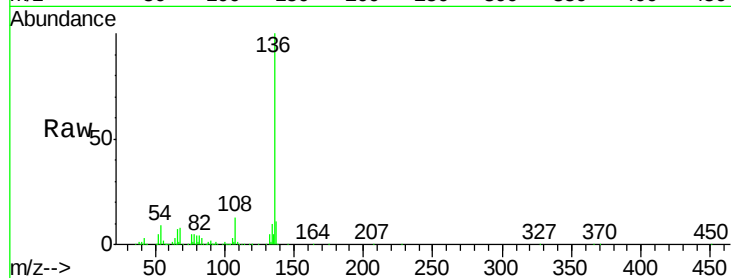




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023723.D
Acq: 15 Aug 2016 15:58

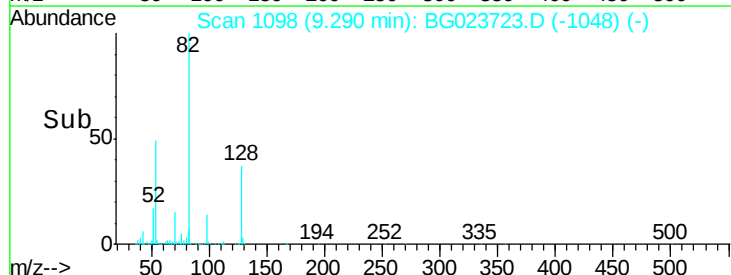
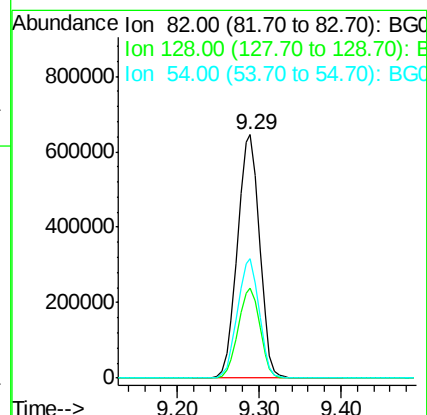
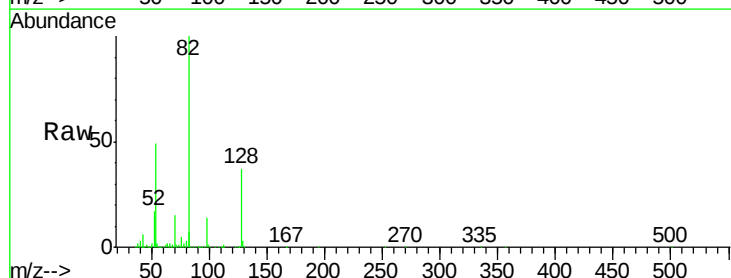
Instrument :
BNA_G
ClientSampleId :

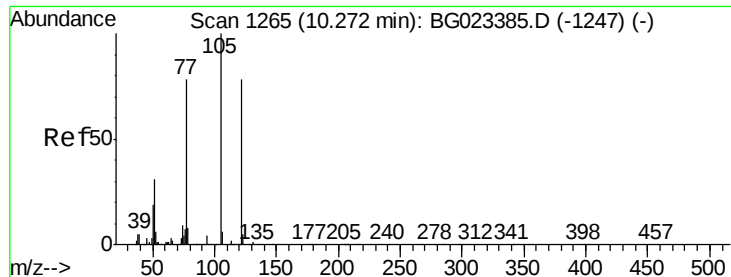
Tot Ion:136	Resp:	605961	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.6	14.4	
54 9.2	7.3	10.9	
68 7.9	5.3	7.9	



#23
Nitrobenzene-d5
Concen: 99.82 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG023723.D
Acq: 15 Aug 2016 15:58

Tgt Ion: 82	Resp: 1216622
Ion Ratio	Lower Upper
82 100	
128 36.9	24.4 36.6#
54 49.0	41.4 62.0





#32

Benzoic acid

Concen: 6.45 ng

RT: 10.22 min Scan# 1257

Delta R.T. -0.05 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

Instrument :

BNA_G

ClientSampleId :

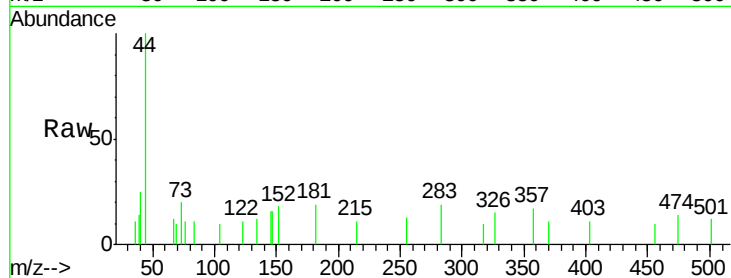
Tot Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

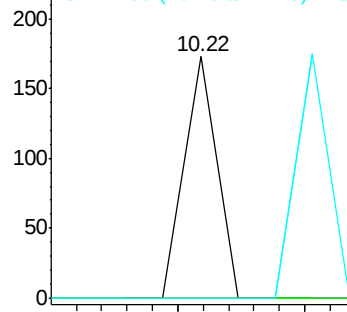
77 0.0 109.2 149.2#



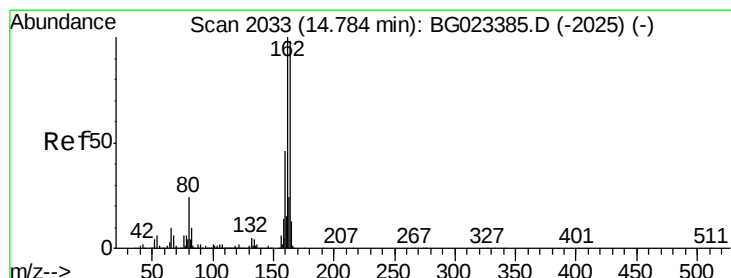
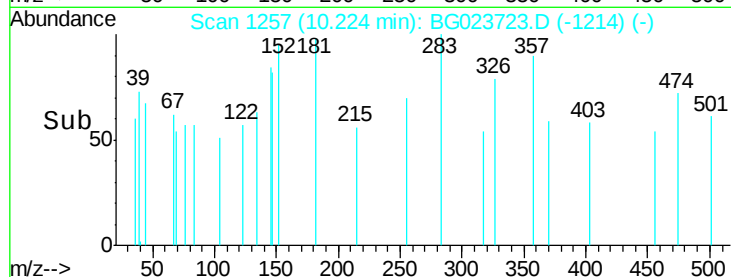
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

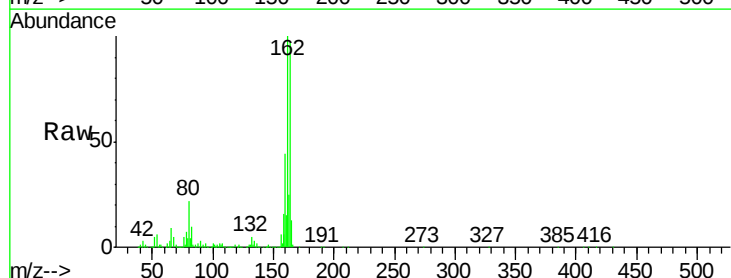
Tgt Ion:164 Resp: 404307

Ion Ratio Lower Upper

164 100

162 103.4 87.7 131.5

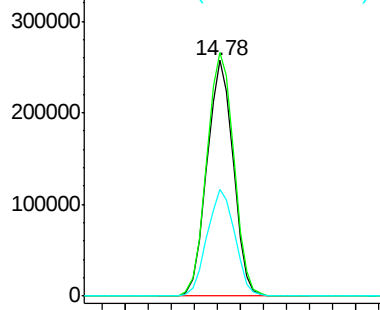
160 45.2 37.2 55.8



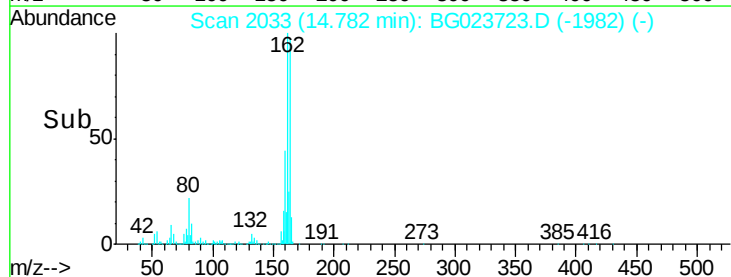
Abundance Ion 164.00 (163.70 to 164.70): E

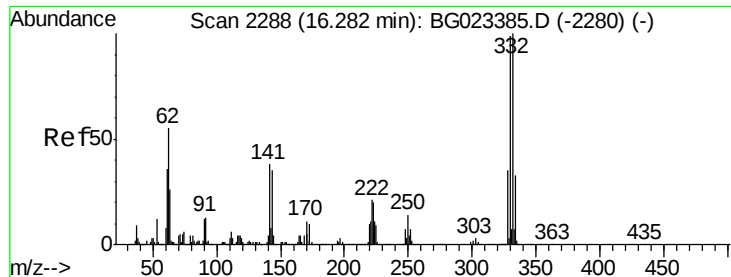
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

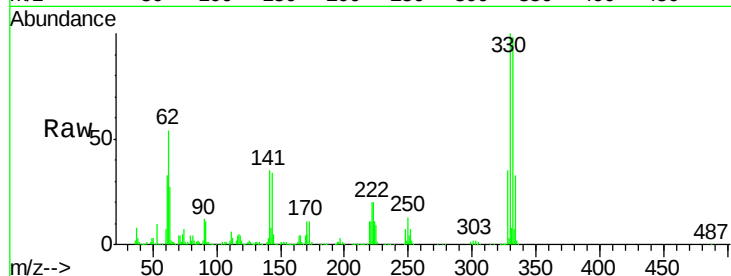




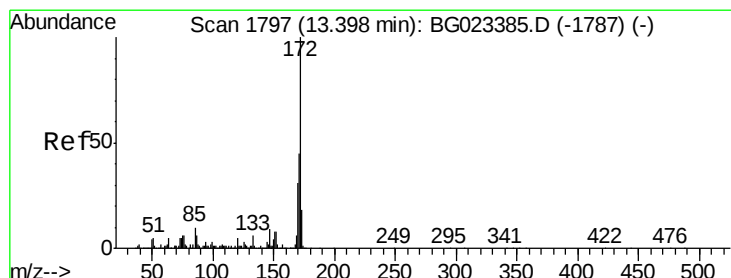
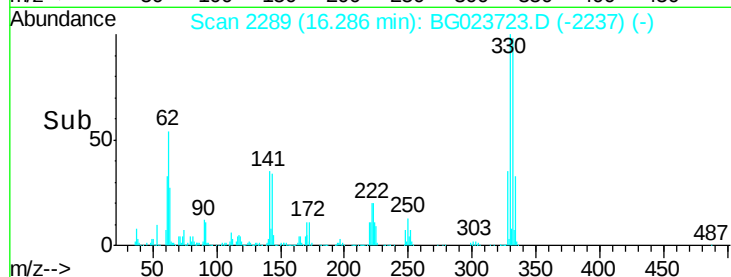
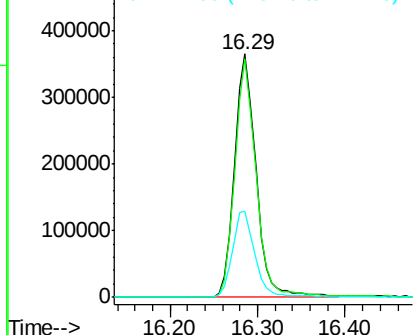
#41
 2,4,6-Tribromophenol
 Concen: 103.32 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023723.D
 Acq: 15 Aug 2016 15:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.1	31.7	47.5

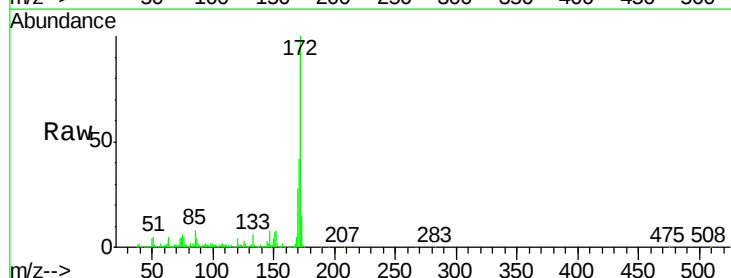


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

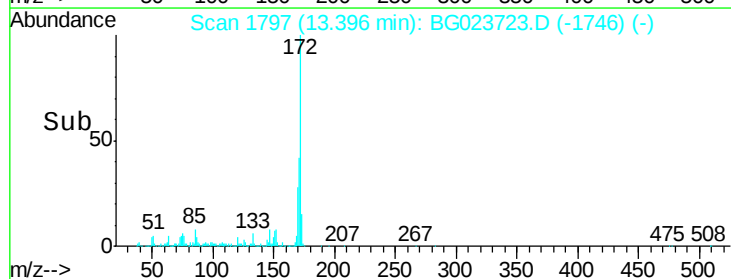
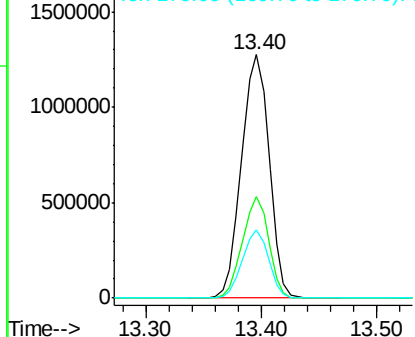


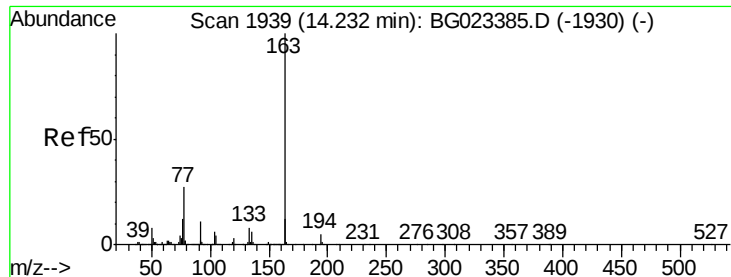
#44
 2-Fluorobiphenyl
 Concen: 88.74 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023723.D
 Acq: 15 Aug 2016 15:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.6	47.4
170	28.2	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: 29.22 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

Instrument :

BNA_G

ClientSampleId :

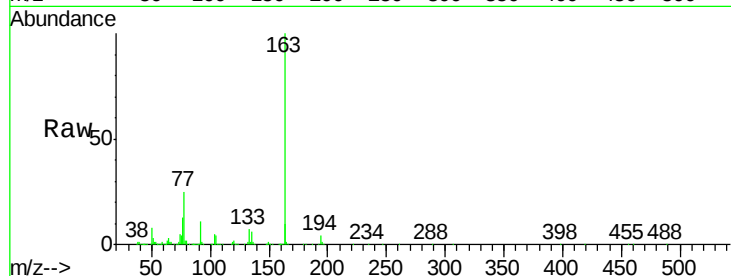
Tot Ion:163 Resp: 906300

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

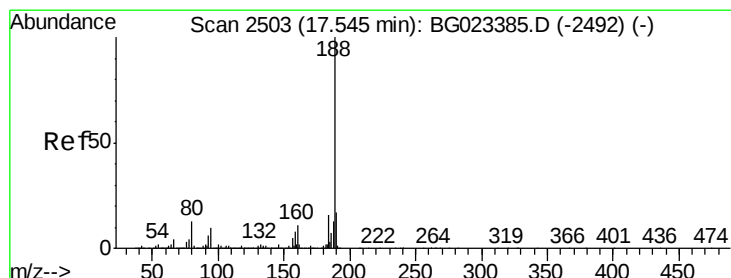
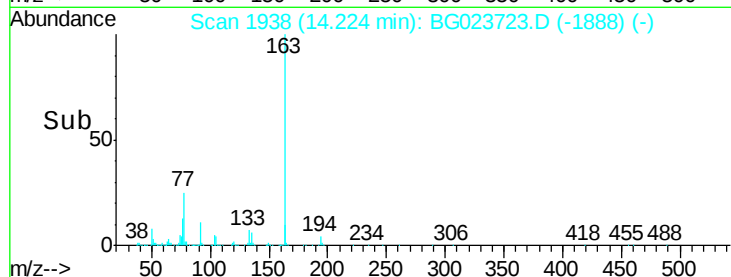
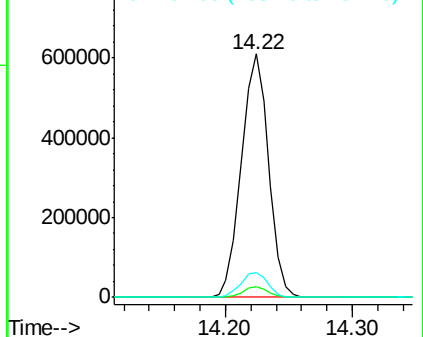
164 10.2 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

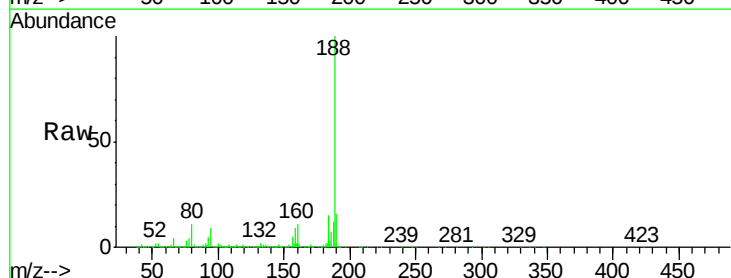
Tgt Ion:188 Resp: 799937

Ion Ratio Lower Upper

188 100

94 9.2 5.2 7.8#

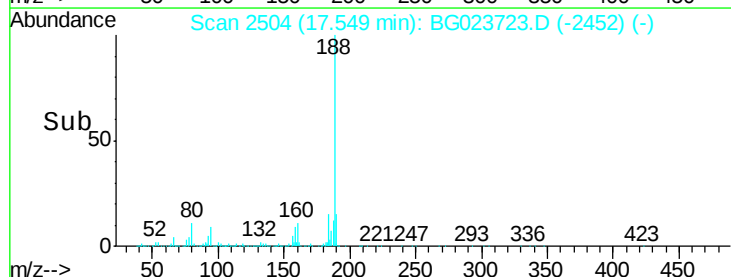
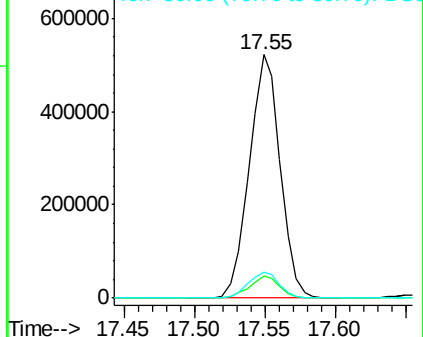
80 10.8 7.2 10.8

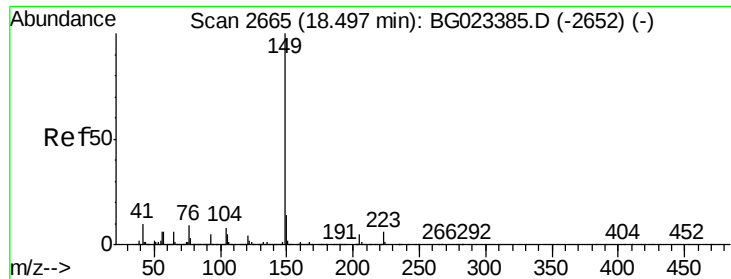


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.50 min Scan# 2666

Delta R.T. 0.00 min

Lab File: BG023723.D

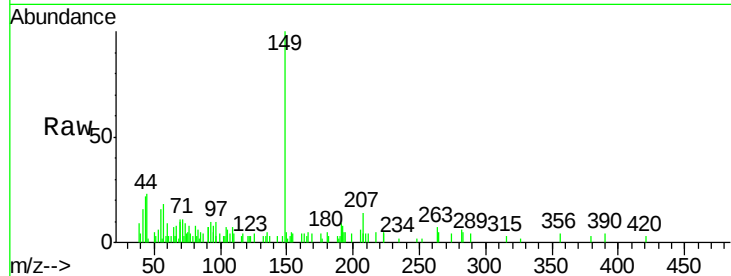
Acq: 15 Aug 2016 15:58

Instrument :

BNA_G

ClientSampleId :

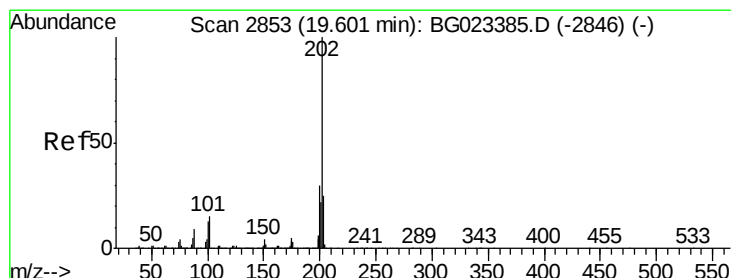
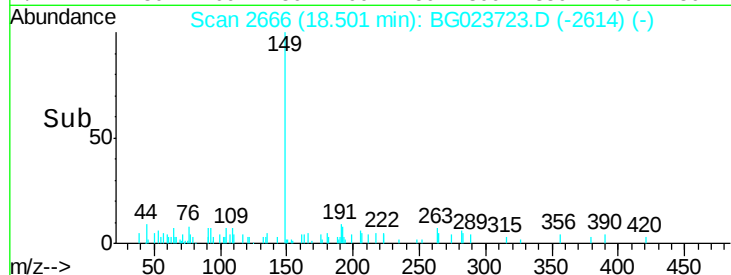
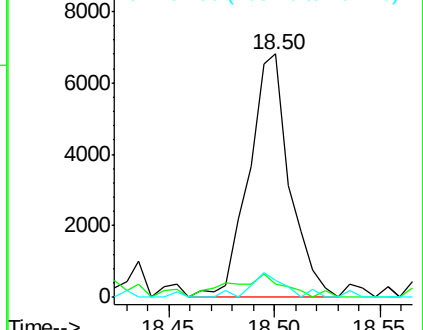
Tot Ion:149	Resp:	9128
Ion Ratio	Lower	Upper
149	100	
150	5.4	9.1 13.7#
104	7.2	6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

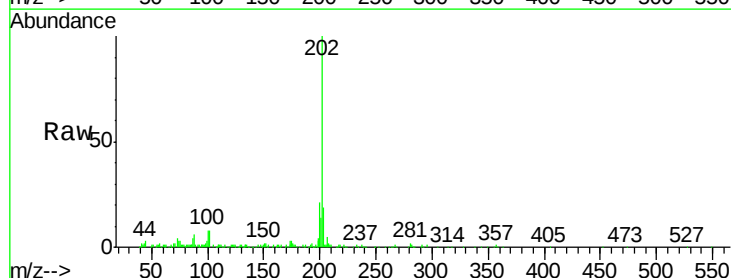
RT: 19.61 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

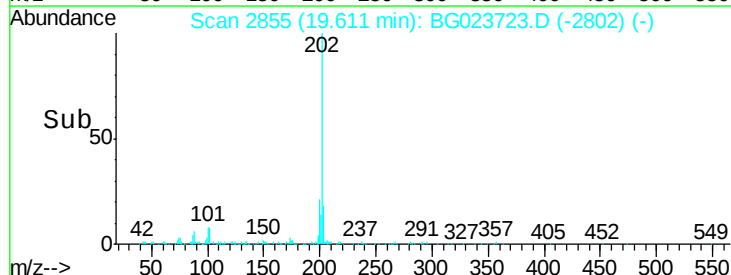
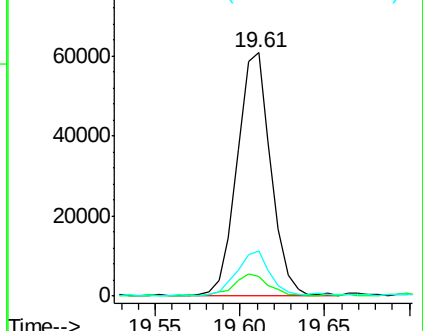
Tgt Ion:202	Resp:	84661
Ion Ratio	Lower	Upper
202	100	
101	8.1	0.0 27.4
203	18.6	1.7 41.7

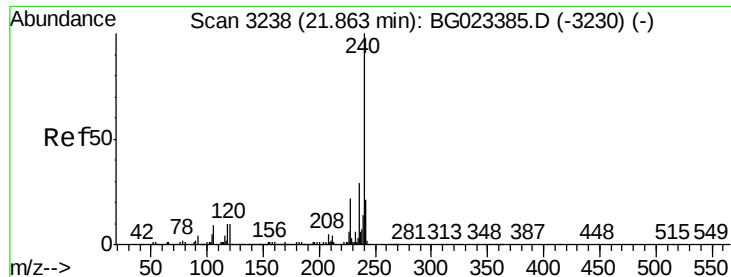


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.87 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

Instrument :

BNA_G

ClientSampled :

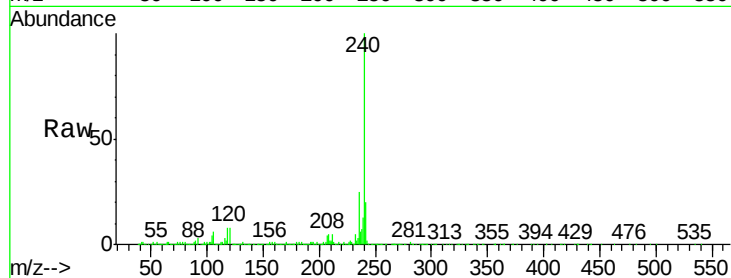
Tot Ion:240 Resp: 718880

Ion Ratio Lower Upper

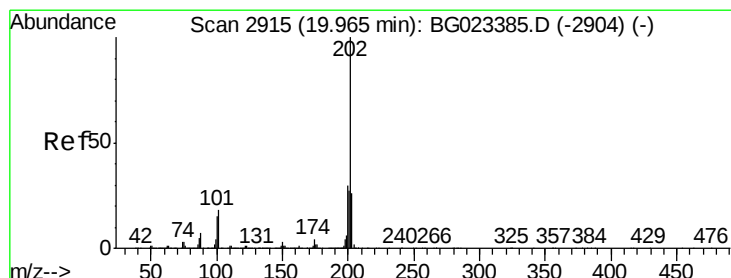
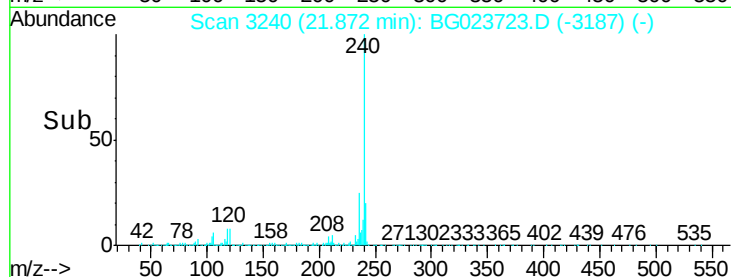
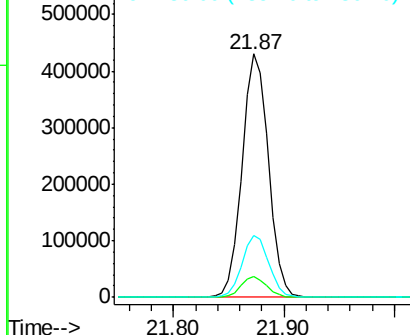
240 100

120 8.3 4.1 6.1#

236 25.4 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



#77

Pyrene

Concen: Below Cal

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

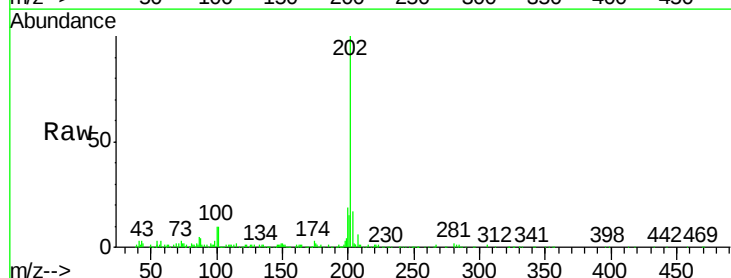
Tgt Ion:202 Resp: 90076

Ion Ratio Lower Upper

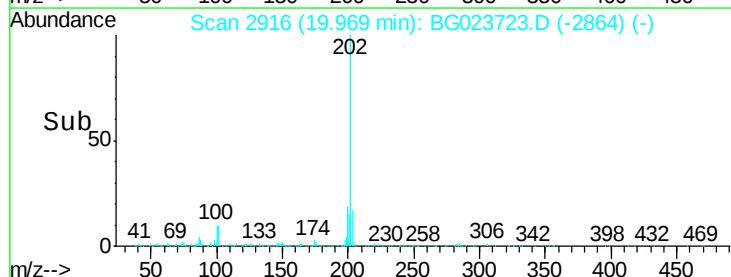
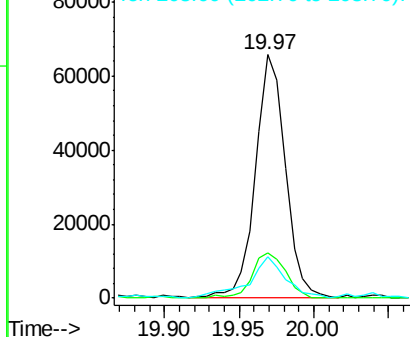
202 100

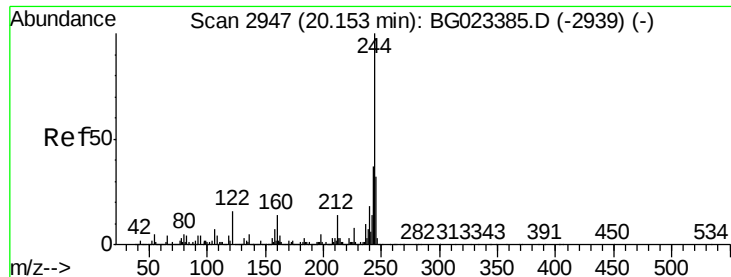
200 18.5 21.2 31.8#

203 17.1 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.52 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

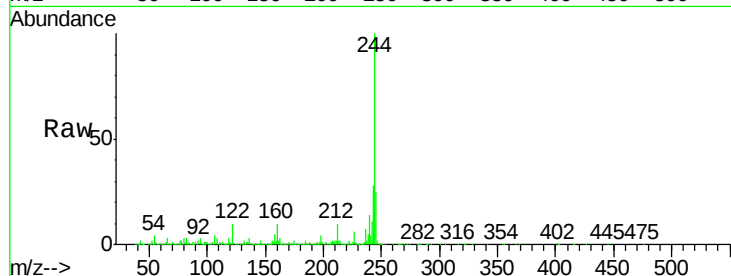
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2086508

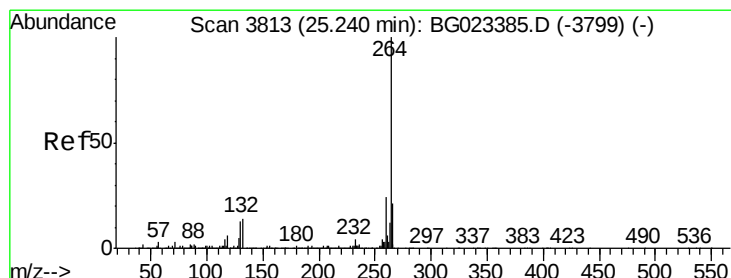
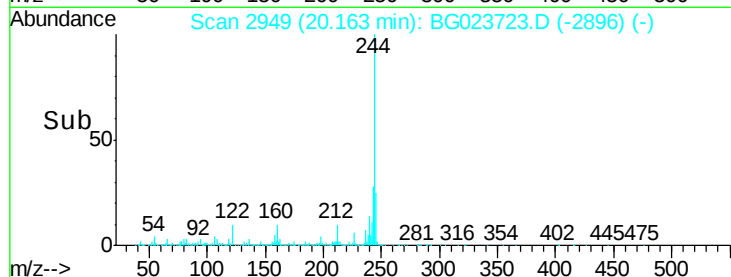
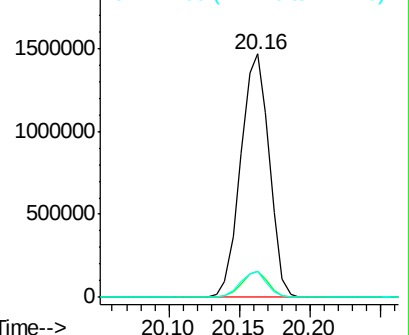
Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.8	16.2#
122	10.5	8.0	12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

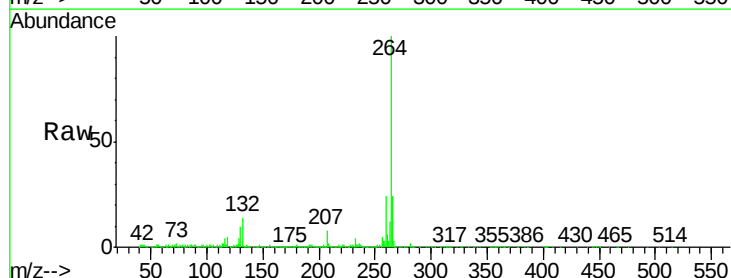
Delta R.T. 0.04 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

Tgt Ion:264 Resp: 720562

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	23.7	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

