

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023866.D
 Acq On : 23 Aug 2016 23:13
 Operator : UM/SJ
 Sample : H4550-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMPOSITE

Quant Time: Aug 24 01:22:23 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

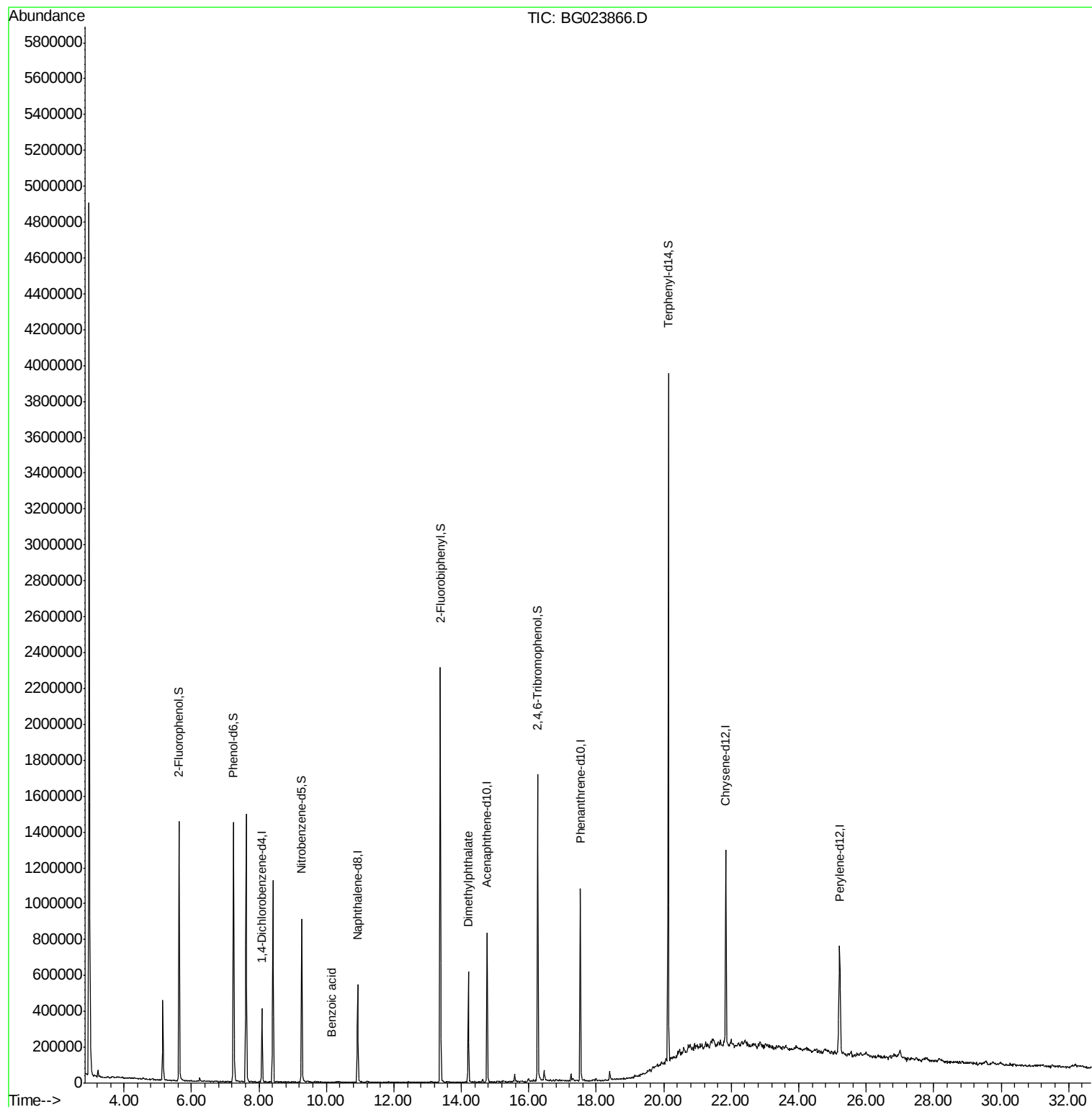
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	108711	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	458178	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	288766	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	661058	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	667330	20.00	ng	-0.02
86) Perylene-d12	25.21	264	668066	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	604412	93.59	ng	-0.03
7) Phenol-d6	7.25	99	873463	86.83	ng	-0.03
23) Nitrobenzene-d5	9.27	82	608621	66.04	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	316287	74.88	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1164897	68.04	ng	-0.02
78) Terphenyl-d14	20.13	244	1519098	67.24	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.25	77	1894	Below Cal	#	8
32) Benzoic acid	10.15	122	67	6.45	ng	# 1
49) Dimethylphthalate	14.21	163	402349	18.16	ng	99
73) Di-n-butylphthalate	18.48	149	1957	Below Cal	#	80
74) Fluoranthene	19.58	202	4354	Below Cal		87
77) Pyrene	19.95	202	4176	Below Cal	#	88

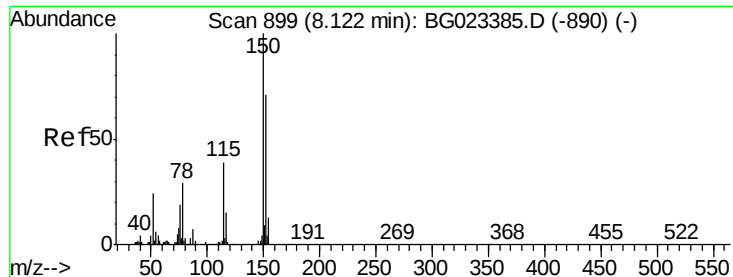
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023866.D

Acq: 23 Aug 2016 23:13

Instrument :

BNA_G

ClientSampleId :

TP-4-COMPOSITE

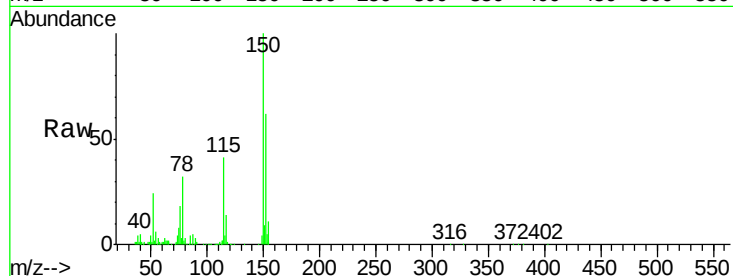
Tgt Ion:152 Resp: 108711

Ion Ratio Lower Upper

152 100

150 160.2 144.7 217.1

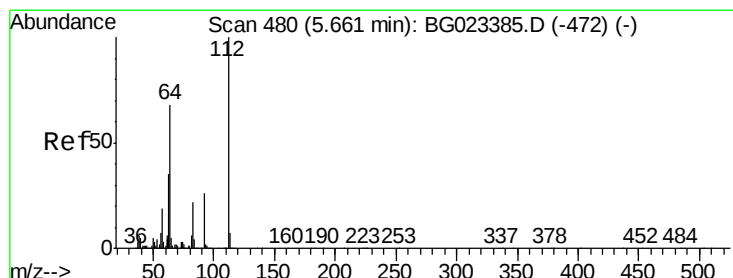
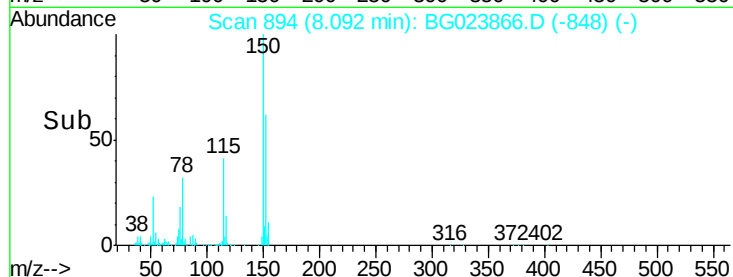
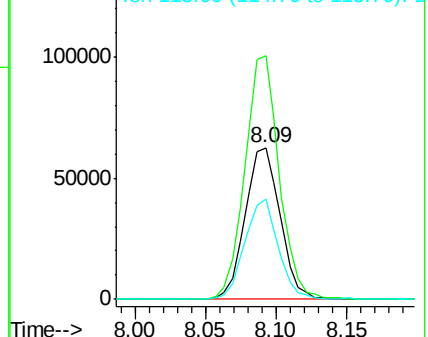
115 65.6 64.0 96.0



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



#5

2-Fluorophenol

Concen: 93.59 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.03 min

Lab File: BG023866.D

Acq: 23 Aug 2016 23:13

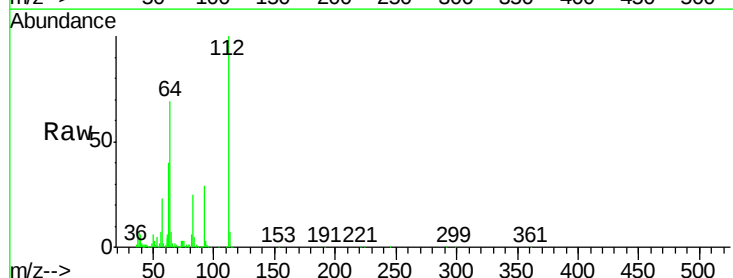
Tgt Ion:112 Resp: 604412

Ion Ratio Lower Upper

112 100

64 68.6 59.0 88.4

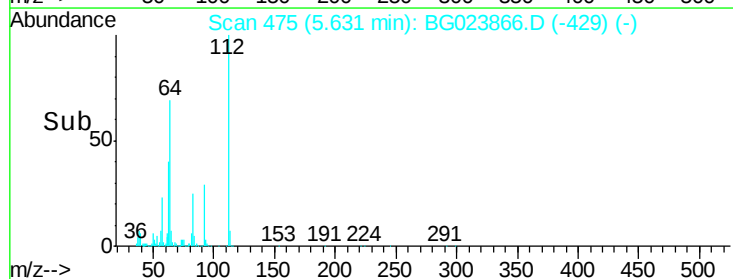
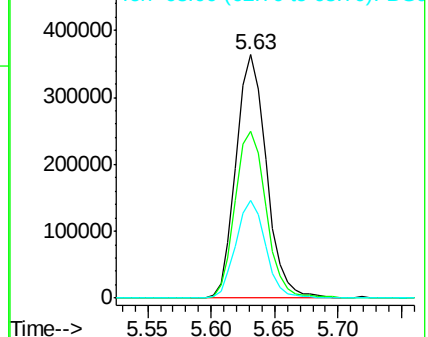
63 39.9 37.8 56.8

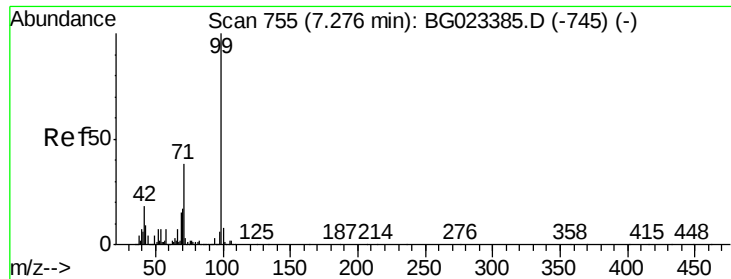


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 86.83 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023866.D

Acq: 23 Aug 2016 23:13

Instrument :

BNA_G

ClientSampleId :

TP-4-COMPOSITE

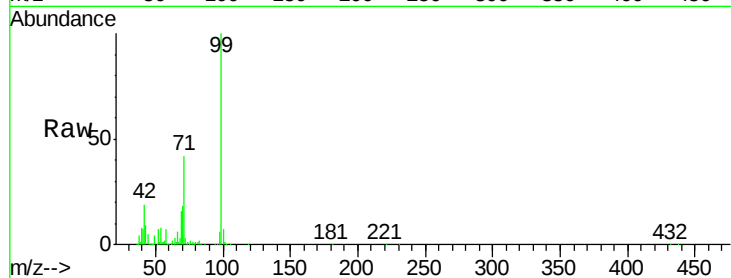
Tgt Ion: 99 Resp: 873463

Ion Ratio Lower Upper

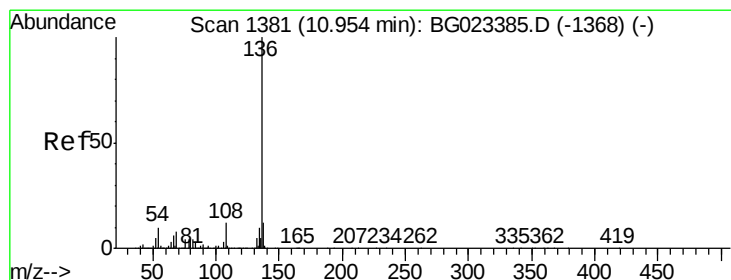
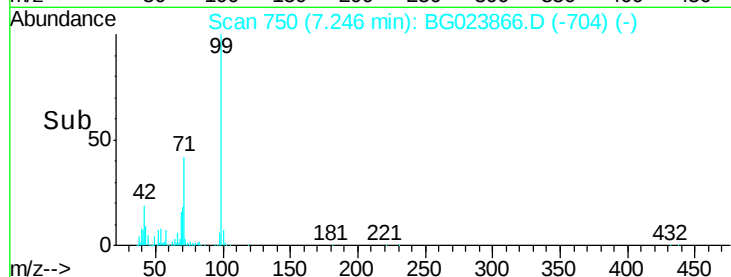
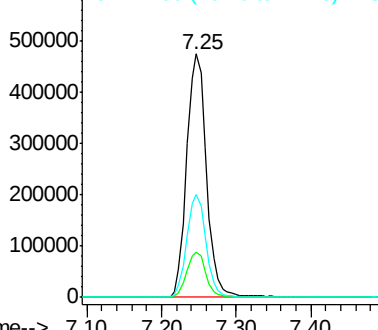
99 100

42 18.8 17.8 26.6

71 42.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG023866.D

Acq: 23 Aug 2016 23:13

Tgt Ion: 136 Resp: 458178

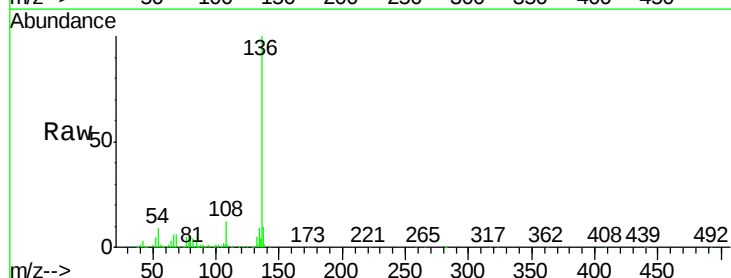
Ion Ratio Lower Upper

136 100

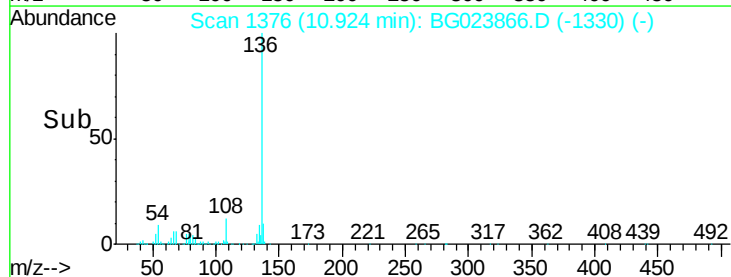
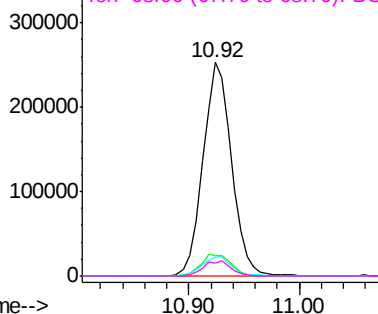
137 9.7 9.6 14.4

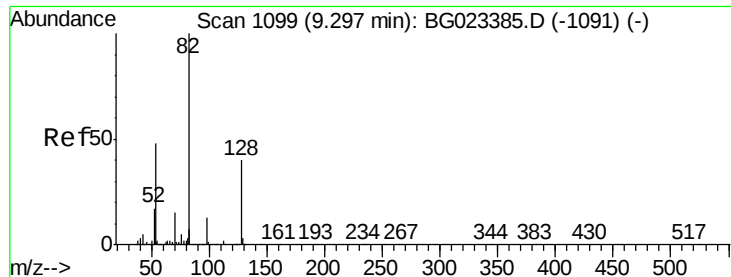
54 8.9 7.3 10.9

68 6.0 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

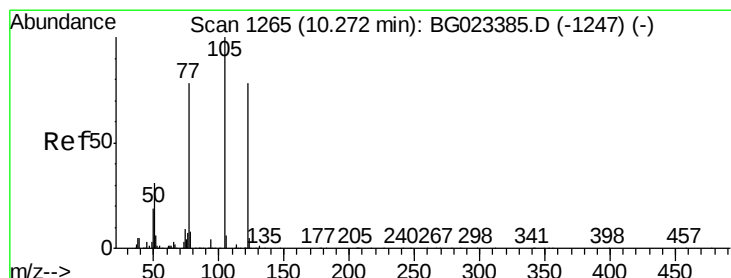
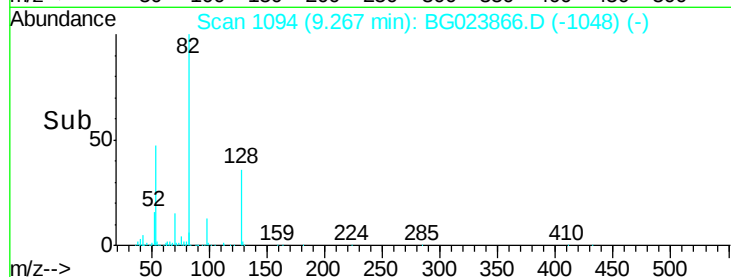
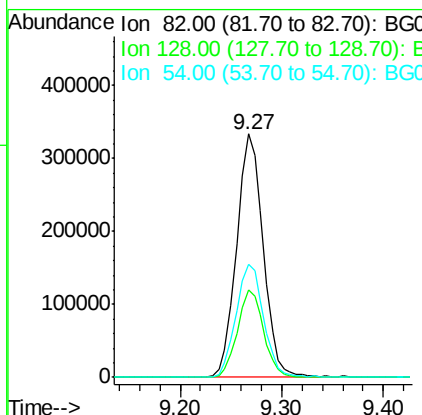
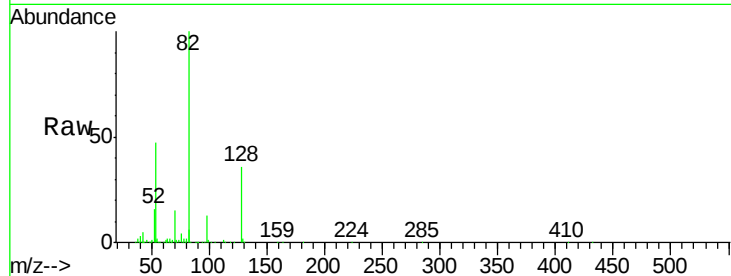




#23
 Nitrobenzene-d5
 Concen: 66.04 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG023866.D
 Acq: 23 Aug 2016 23:13

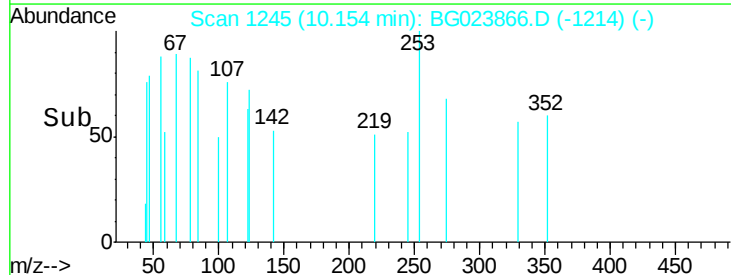
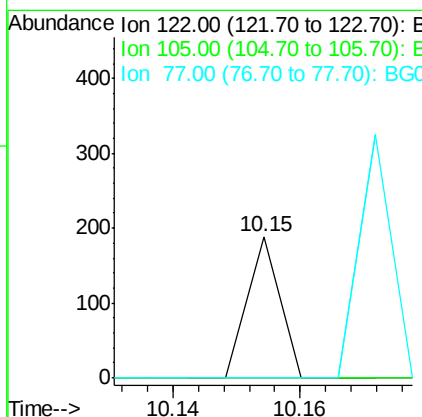
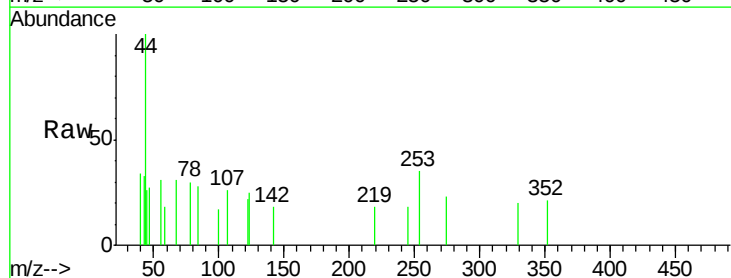
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMPOSITE

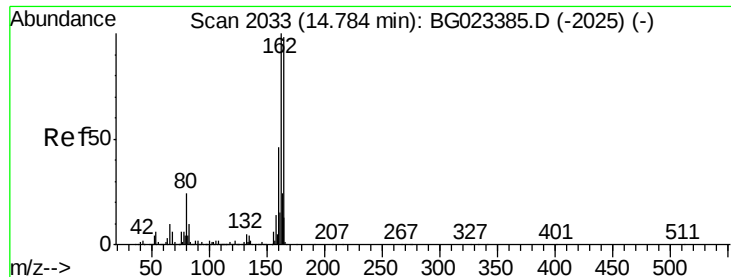
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.4	36.6
54	46.7	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.15 min Scan# 1245
 Delta R.T. -0.12 min
 Lab File: BG023866.D
 Acq: 23 Aug 2016 23:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BG023866.D

Acq: 23 Aug 2016 23:13

Instrument :

BNA_G

ClientSampleId :

TP-4-COMPOSITE

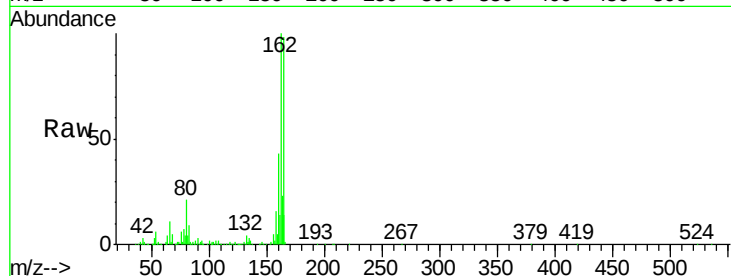
Tgt Ion:164 Resp: 288766

Ion Ratio Lower Upper

164 100

162 101.9 87.7 131.5

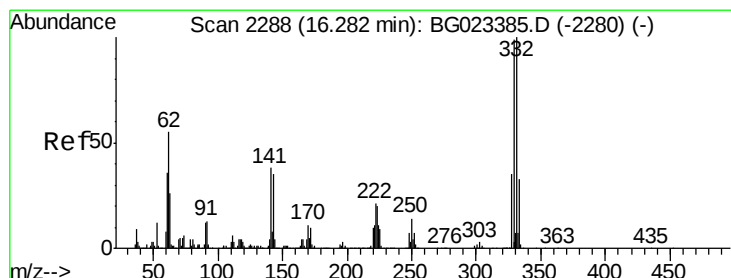
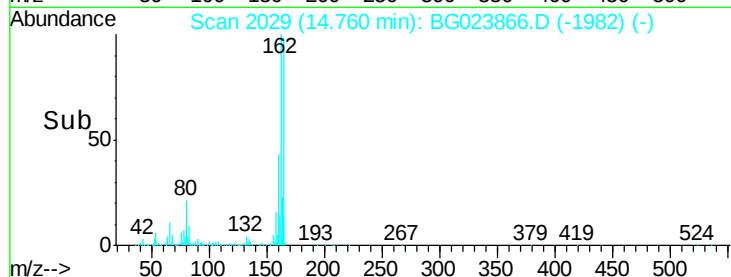
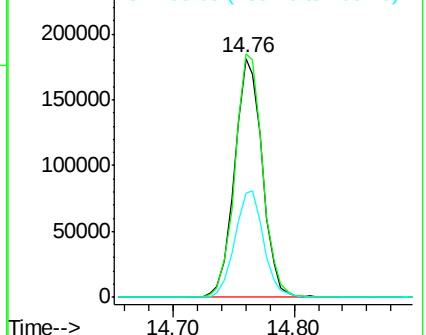
160 43.7 37.2 55.8



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: 74.88 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023866.D

Acq: 23 Aug 2016 23:13

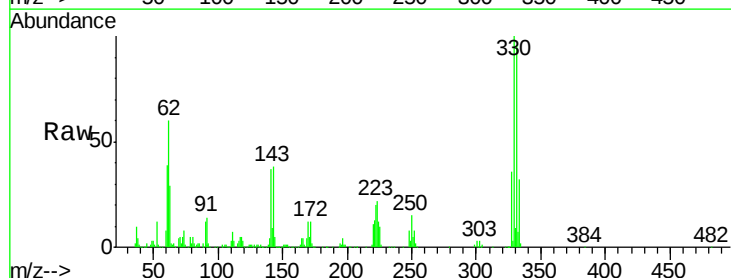
Tgt Ion:330 Resp: 316287

Ion Ratio Lower Upper

330 100

332 98.9 77.4 116.2

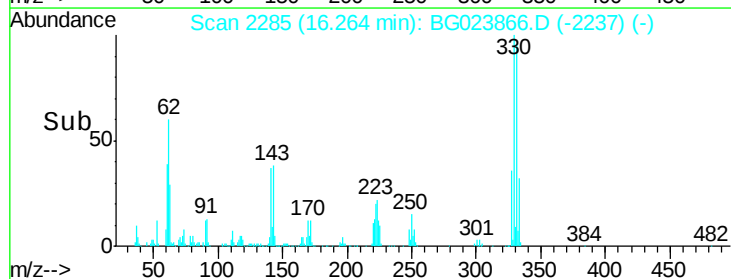
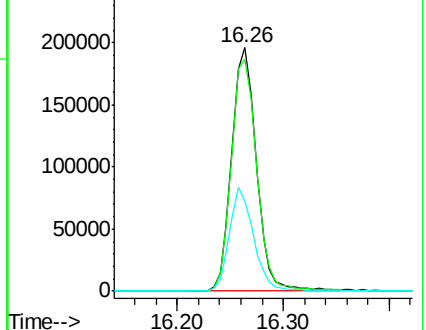
141 41.9 31.7 47.5

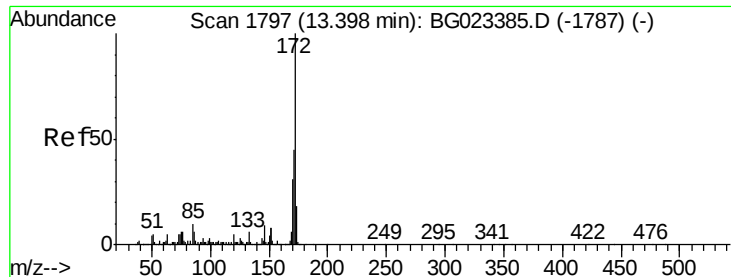


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

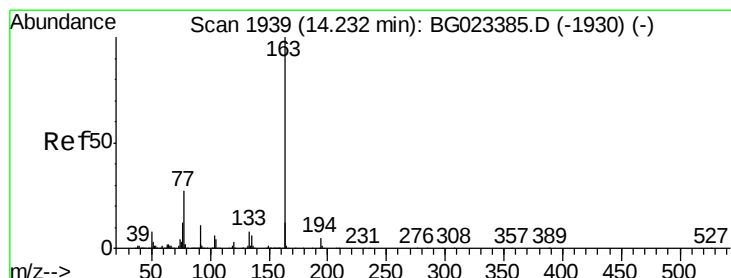
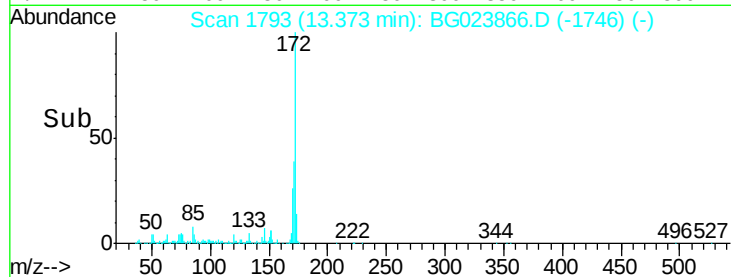
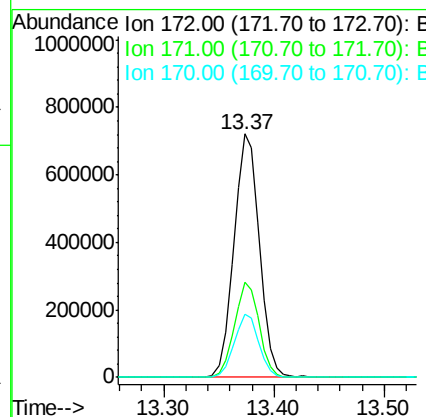
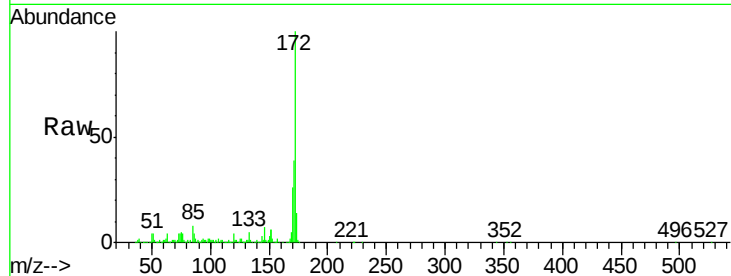




#44
2-Fluorobiphenyl
Concen: 68.04 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG023866.D
Acq: 23 Aug 2016 23:13

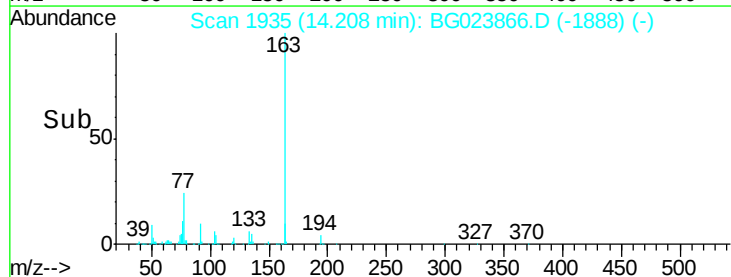
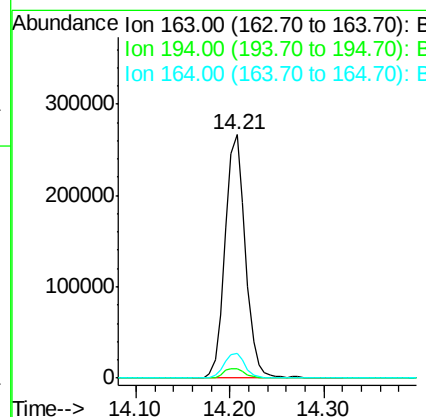
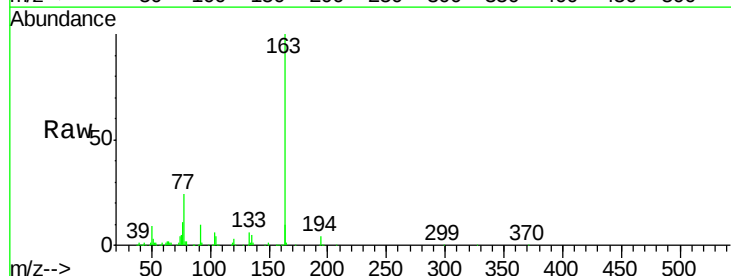
Instrument :
BNA_G
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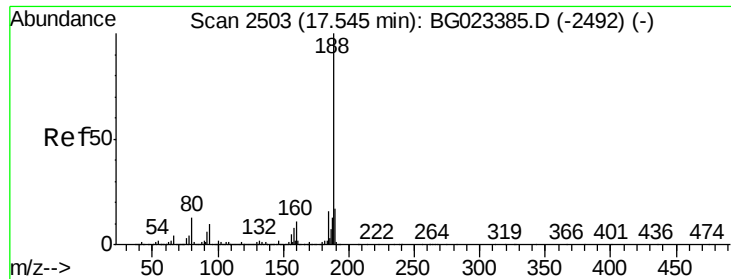
Tgt Ion:172 Resp: 1164897
Ion Ratio Lower Upper
172 100
171 39.3 31.6 47.4
170 25.7 21.3 31.9



#49
Dimethylphthalate
Concen: 18.16 ng
RT: 14.21 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG023866.D
Acq: 23 Aug 2016 23:13

Tgt Ion:163 Resp: 402349
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 10.2 8.1 12.1

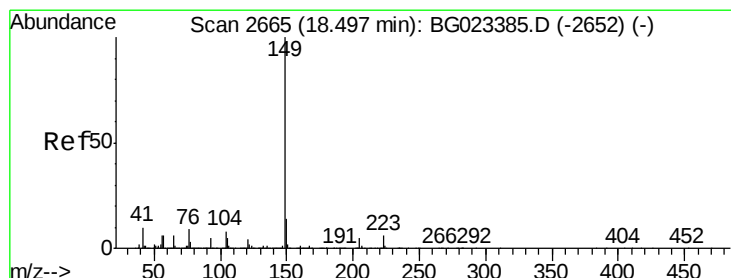
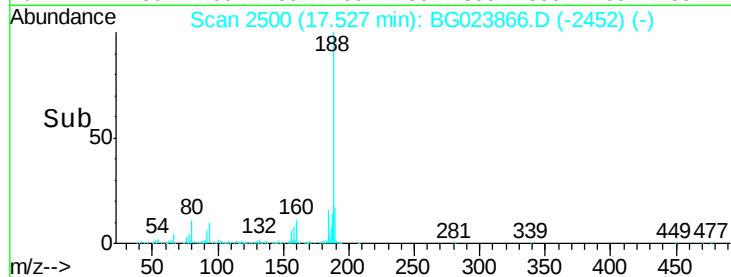
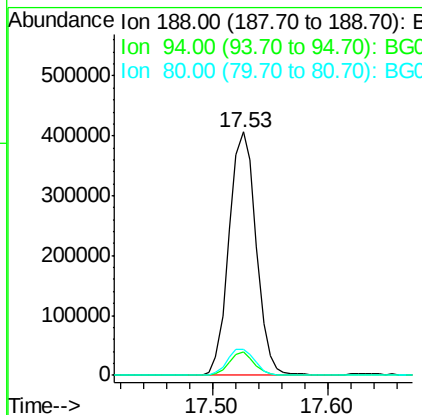
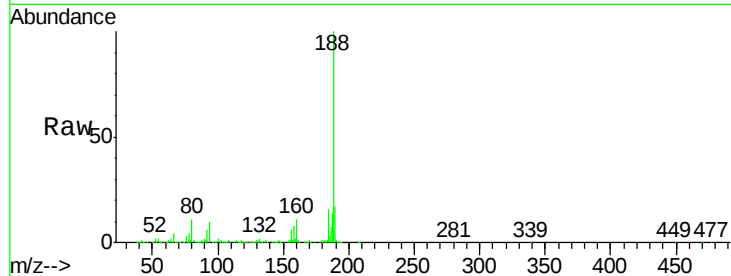




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG023866.D
 Acq: 23 Aug 2016 23:13

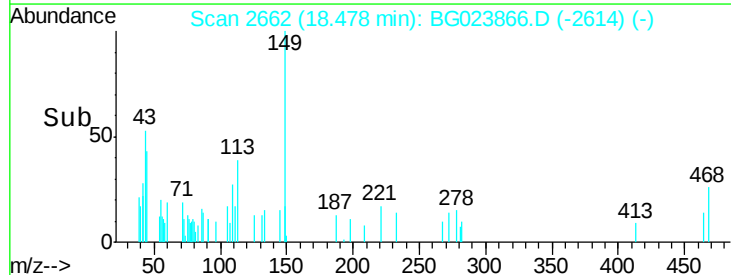
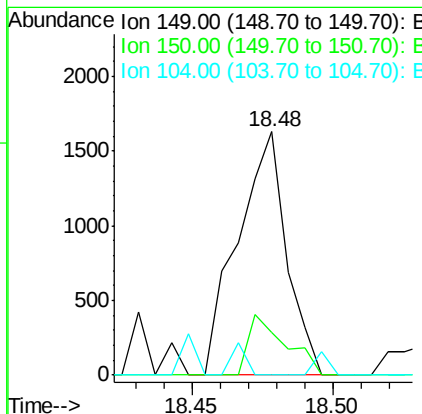
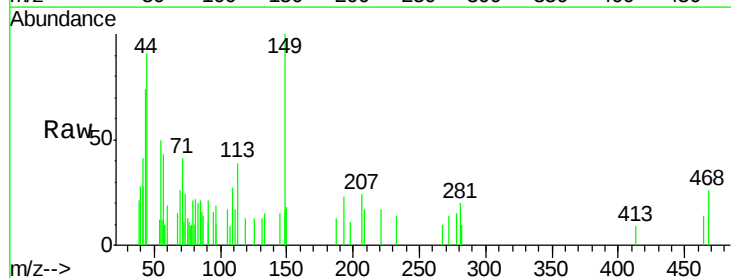
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMPOSITE

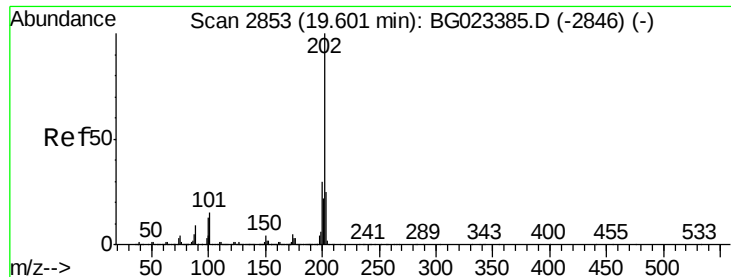
Tgt Ion:188 Resp: 661058
 Ion Ratio Lower Upper
 188 100
 94 9.7 5.2 7.8#
 80 10.8 7.2 10.8



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.48 min Scan# 2662
 Delta R.T. -0.02 min
 Lab File: BG023866.D
 Acq: 23 Aug 2016 23:13

Tgt Ion:149 Resp: 1957
 Ion Ratio Lower Upper
 149 100
 150 17.7 9.1 13.7#
 104 0.0 6.9 10.3#

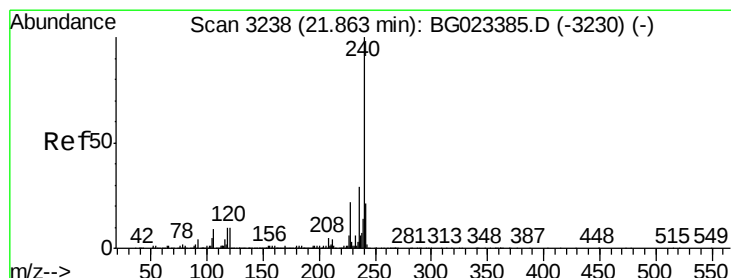
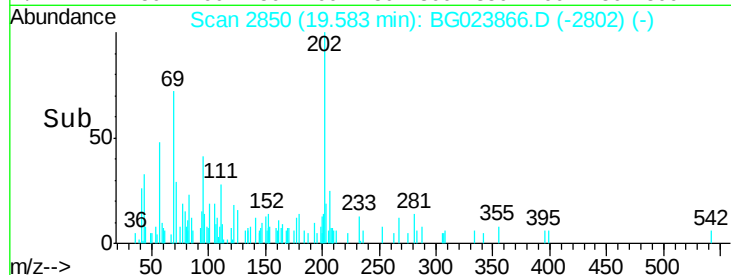
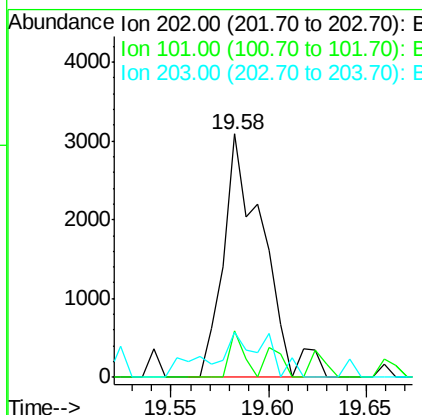
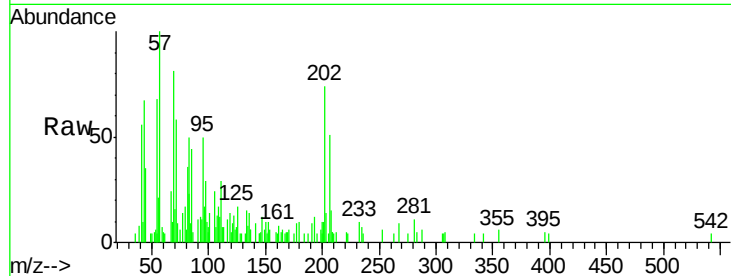




#74
 Fluoranthene
 Concen: Below Cal
 RT: 19.58 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG023866.D
 Acq: 23 Aug 2016 23:13

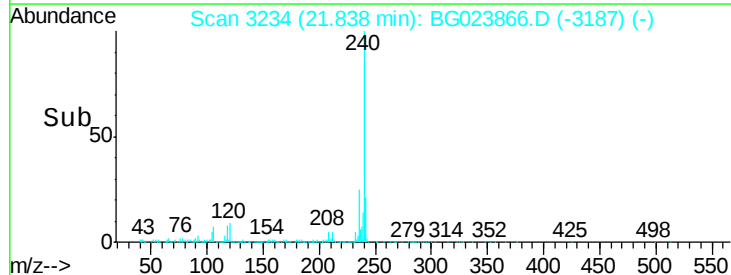
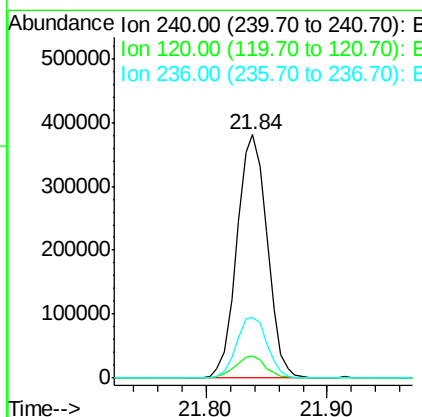
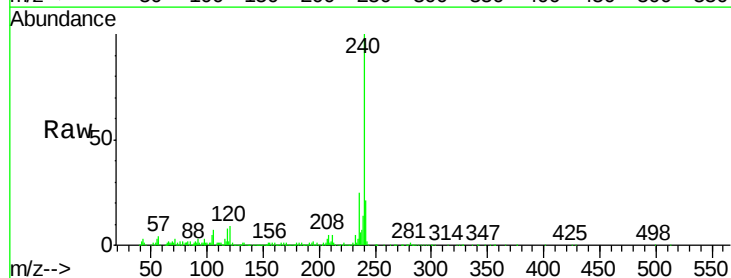
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMPOSITE

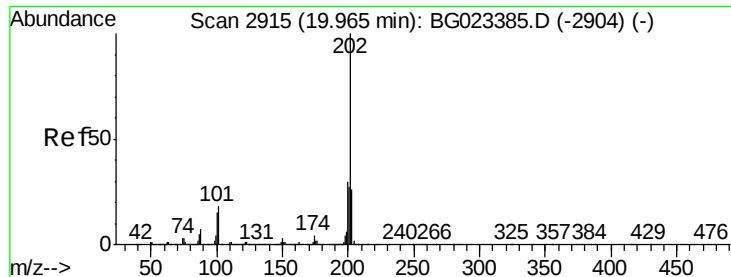
Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	27.4
203	18.6	1.7	41.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.02 min
 Lab File: BG023866.D
 Acq: 23 Aug 2016 23:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.1	6.1#
236	24.7	21.1	31.7

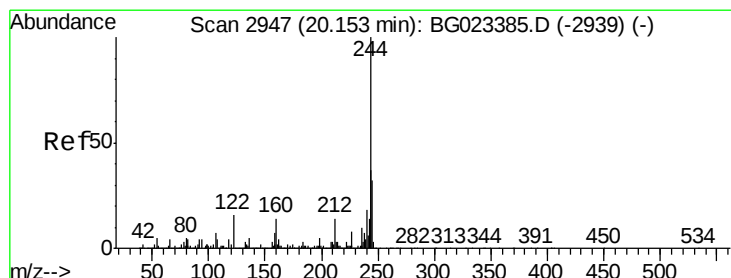
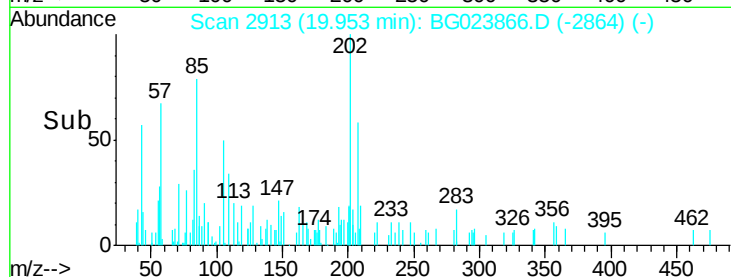
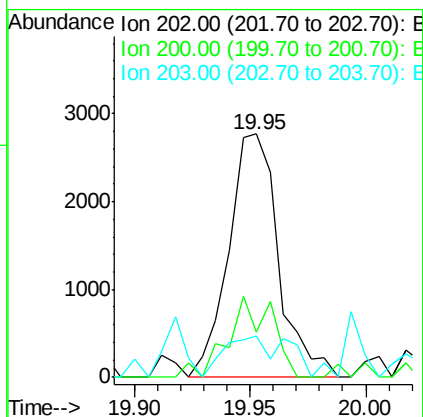
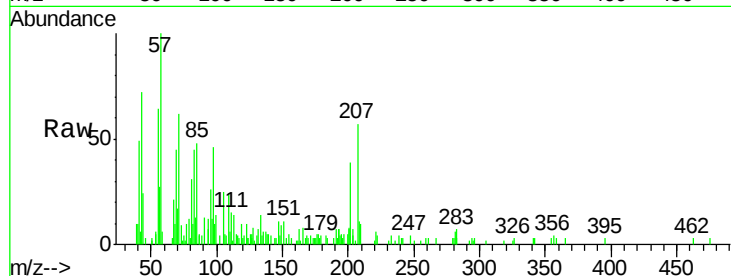




#77
Pyrene
Concen: Below Cal
RT: 19.95 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG023866.D
Acq: 23 Aug 2016 23:13

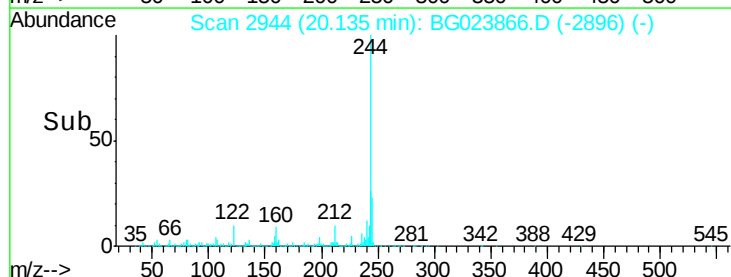
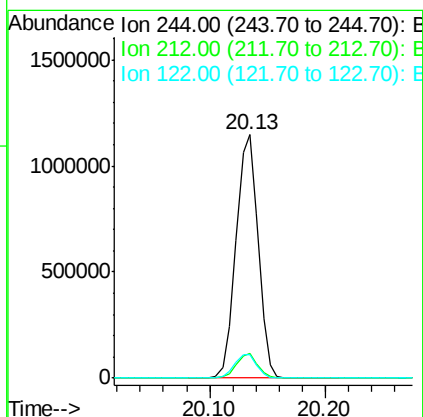
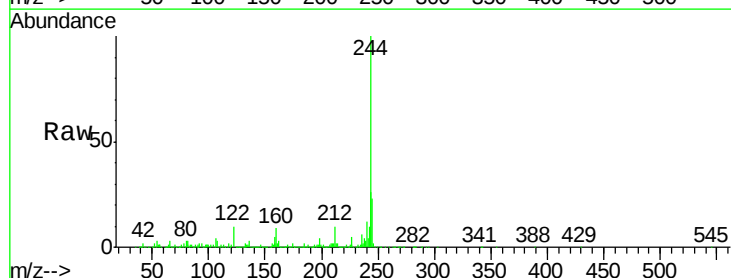
Instrument :
BNA_G
ClientSampleId :
TP-4-COMPOSITE

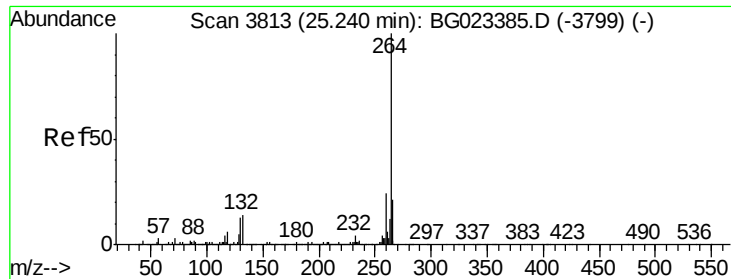
Tgt Ion: 202 Resp: 4176
Ion Ratio Lower Upper
202 100
200 18.4 21.2 31.8#
203 17.1 16.8 25.2



#78
Terphenyl-d14
Concen: 67.24 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BG023866.D
Acq: 23 Aug 2016 23:13

Tgt Ion: 244 Resp: 1519098
Ion Ratio Lower Upper
244 100
212 10.0 10.8 16.2#
122 9.8 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.03 min
Lab File: BG023866.D
Acq: 23 Aug 2016 23:13

Instrument :
BNA_G
ClientSampleId :
TP-4-COMPOSITE

Tgt Ion:	264	Resp:	668066
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	20.6	18.9	28.3

