

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023904.D
 Acq On : 25 Aug 2016 21:43
 Operator : UM/SJ
 Sample : H4592-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Aug 26 01:06:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

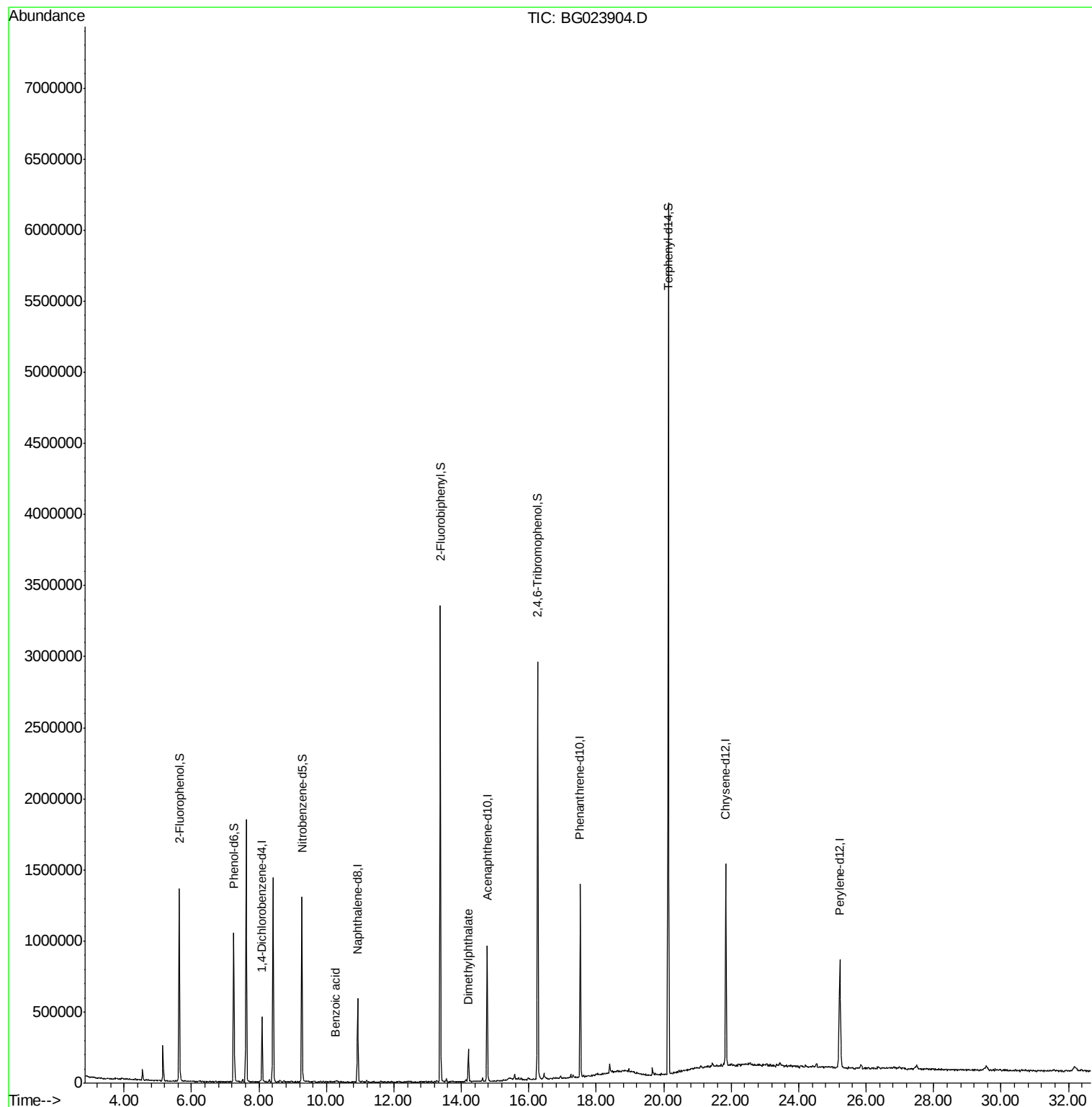
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	121207	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	505199	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	327315	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	785452	20.00	ng	0.00
75) Chrysene-d12	21.84	240	860677	20.00	ng	0.00
86) Perylene-d12	25.22	264	785983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	568220	78.91	ng	0.00
7) Phenol-d6	7.25	99	621997	55.46	ng	0.00
23) Nitrobenzene-d5	9.27	82	834632	82.13	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	493841	103.15	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1616107	83.28	ng	0.00
78) Terphenyl-d14	20.13	244	2388260	87.37	ng	0.00
Target Compounds						
9) Benzaldehyde	7.21	77	75	Below Cal	#	8
32) Benzoic acid	10.26	122	153	6.46 ng	#	1
49) Dimethylphthalate	14.21	163	148183	5.90 ng		99
73) Di-n-butylphthalate	18.47	149	3464	Below Cal	#	78
74) Fluoranthene	19.59	202	467	Below Cal	#	1
77) Pyrene	20.13	202	12314	Below Cal	#	67

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

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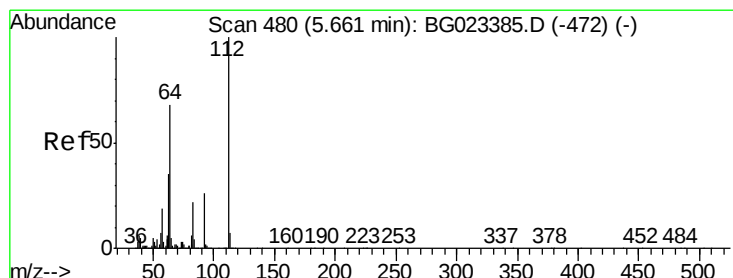
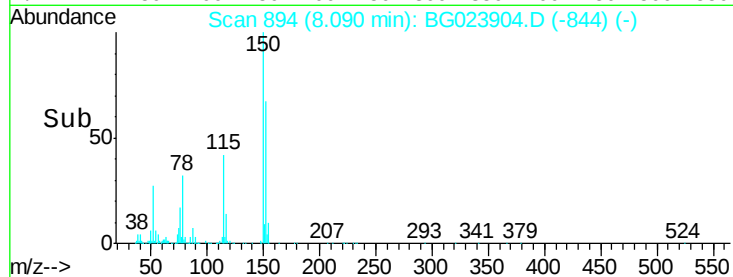
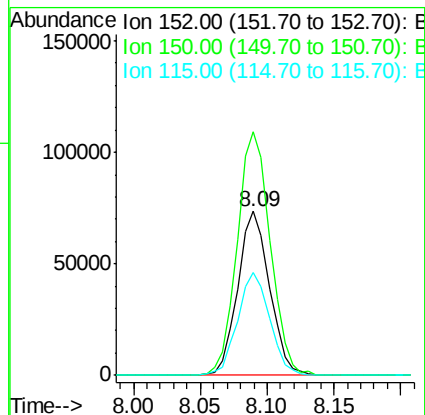
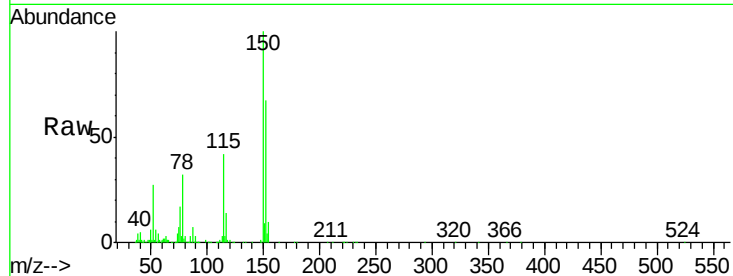


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG023904.D
Acq: 25 Aug 2016 21:43

Instrument :
BNA_G
ClientSampleId :
MW-2

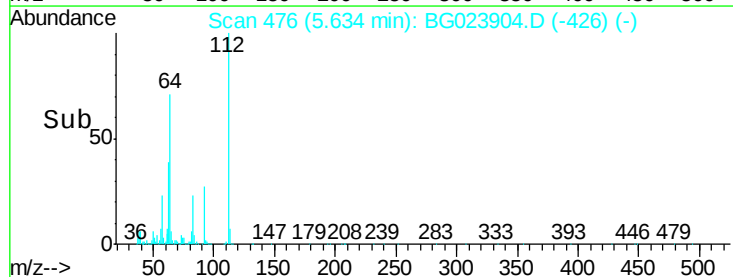
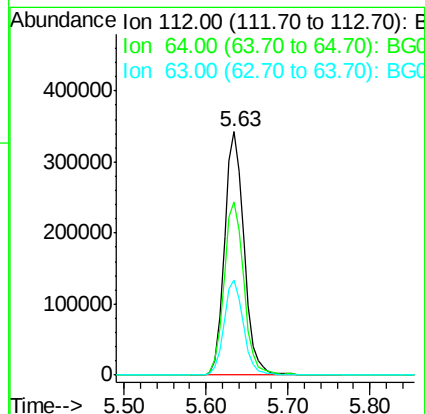
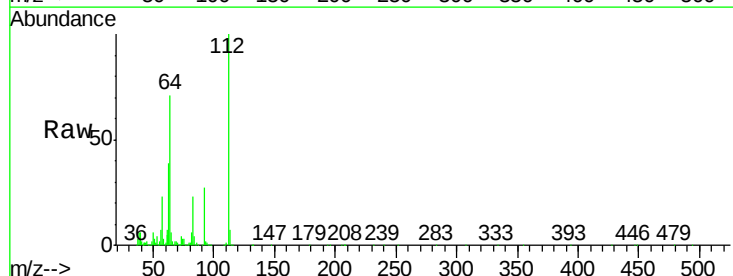
Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.4	144.7	217.1
115	62.9	64.0	96.0

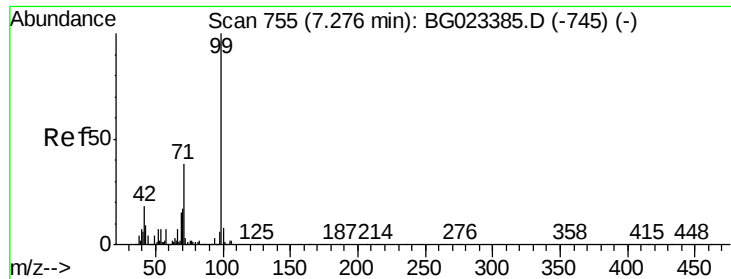


#5

2-Fluorophenol
Concen: 78.91 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.00 min
Lab File: BG023904.D
Acq: 25 Aug 2016 21:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	59.0	88.4
63	38.9	37.8	56.8





#7

Phenol-d6

Concen: 55.46 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG023904.D

Acq: 25 Aug 2016 21:43

Instrument :

BNA_G

ClientSampleId :

MW-2

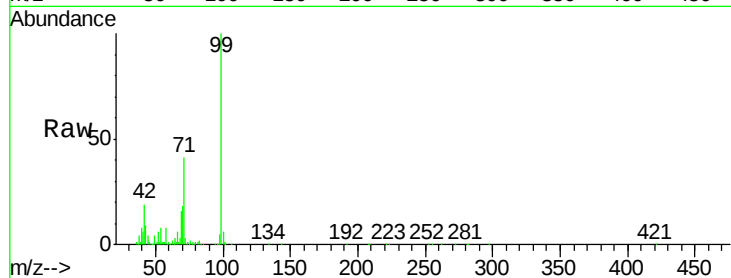
Tgt Ion: 99 Resp: 621997

Ion Ratio Lower Upper

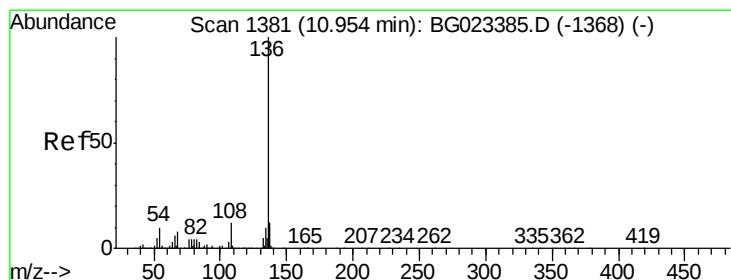
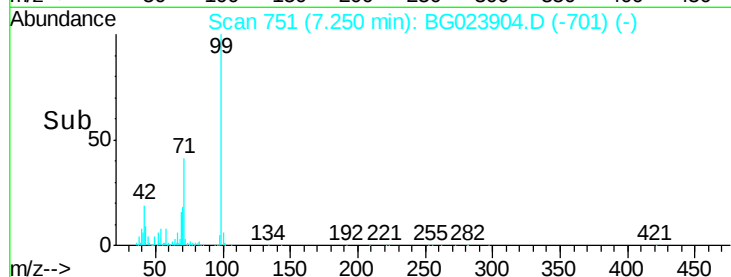
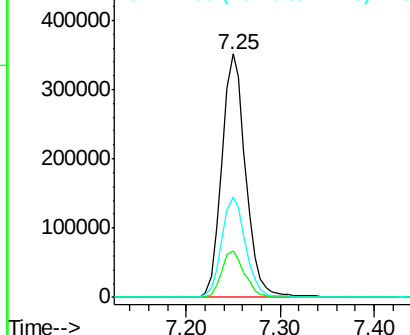
99 100

42 19.0 17.8 26.6

71 41.2 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: 10.93 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG023904.D

Acq: 25 Aug 2016 21:43

Tgt Ion: 136 Resp: 505199

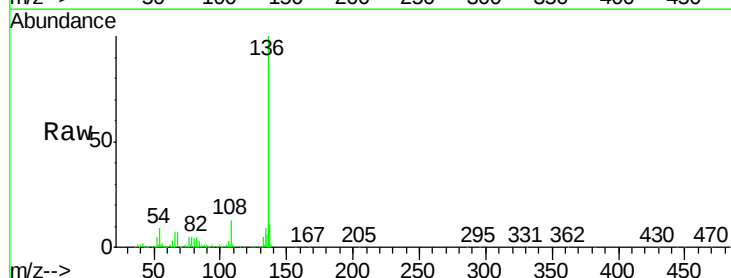
Ion Ratio Lower Upper

136 100

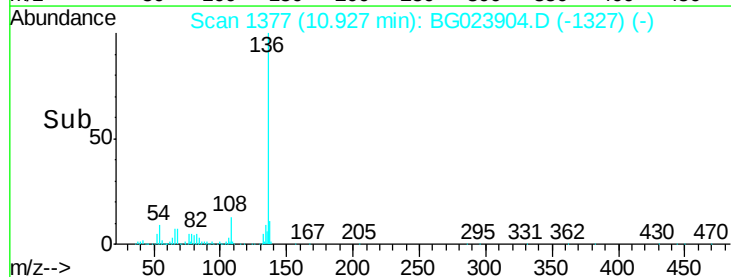
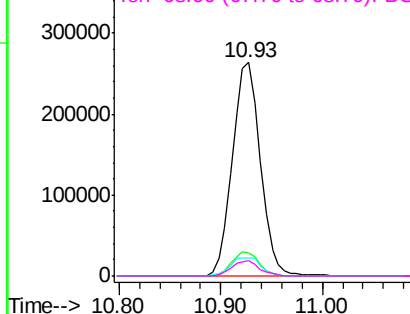
137 11.0 9.6 14.4

54 8.6 7.3 10.9

68 7.0 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

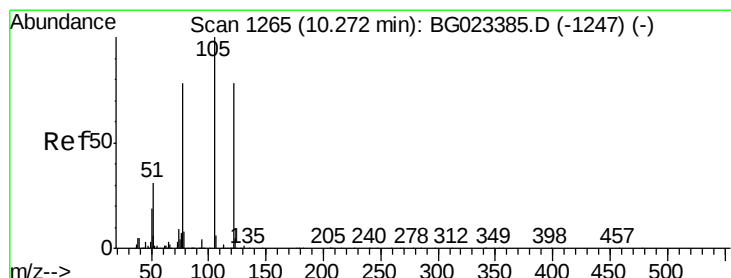
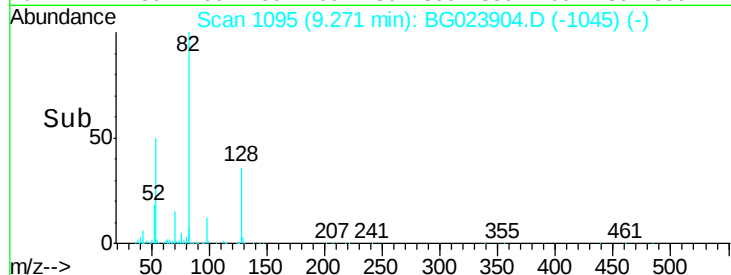
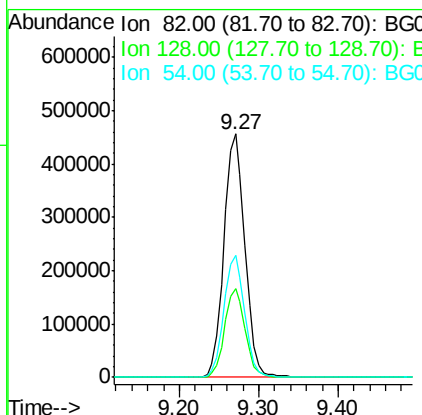
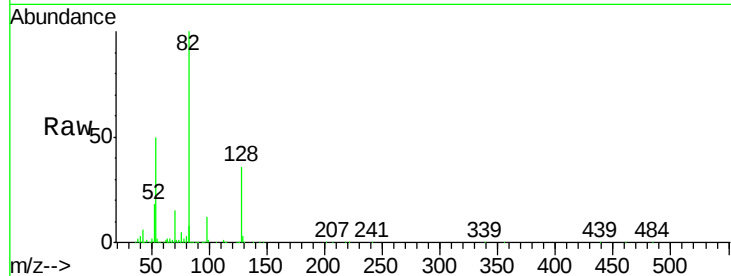




#23
 Nitrobenzene-d5
 Concen: 82.13 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BG023904.D
 Acq: 25 Aug 2016 21:43

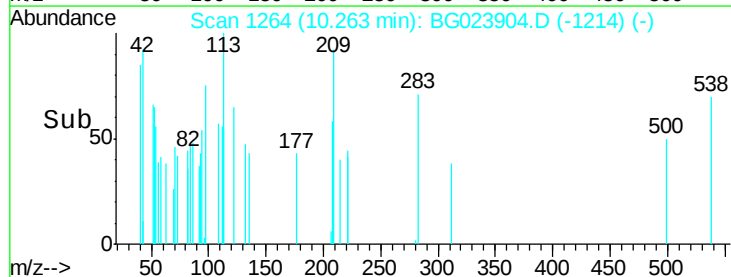
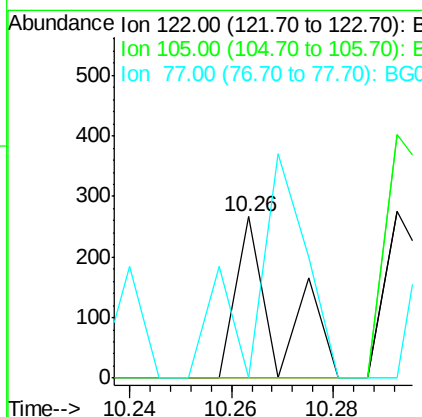
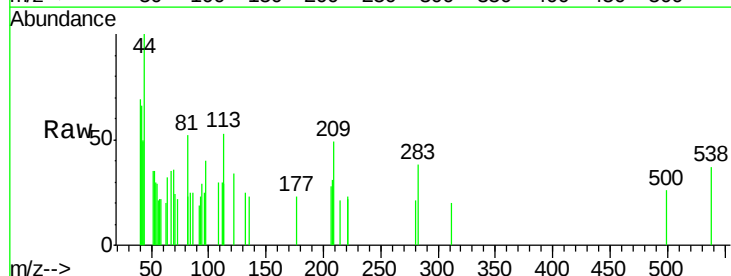
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

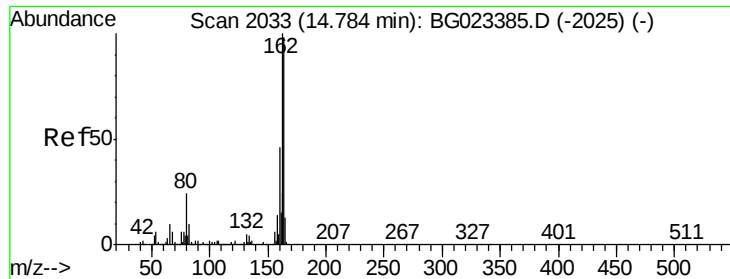
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	24.4	36.6
54	50.4	41.4	62.0



#32
 Benzoic acid
 Concen: 6.46 ng
 RT: 10.26 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG023904.D
 Acq: 25 Aug 2016 21:43

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

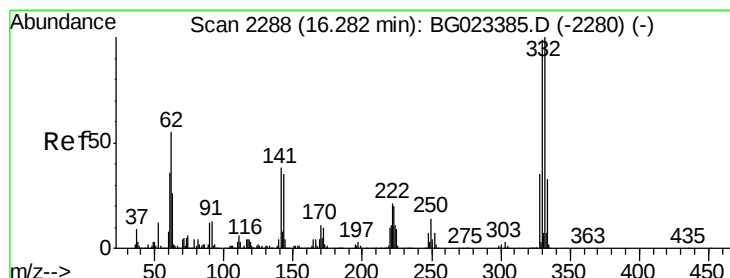
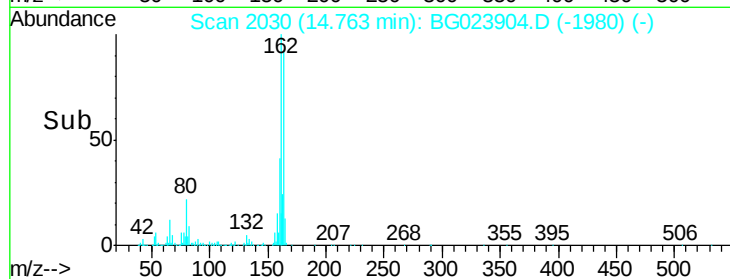
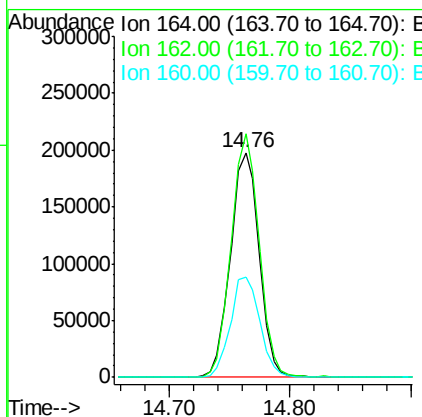
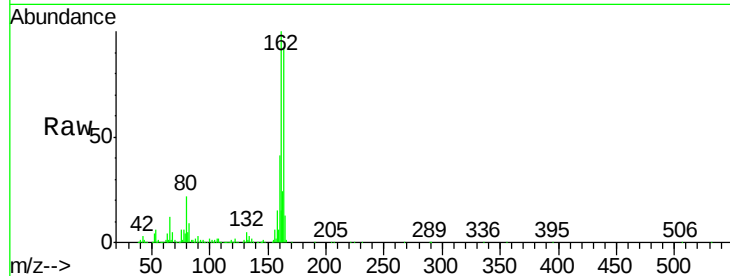




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG023904.D
Acq: 25 Aug 2016 21:43

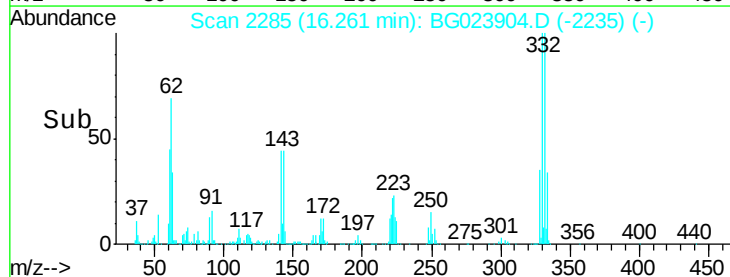
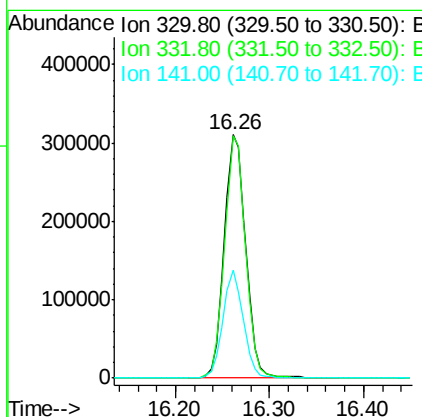
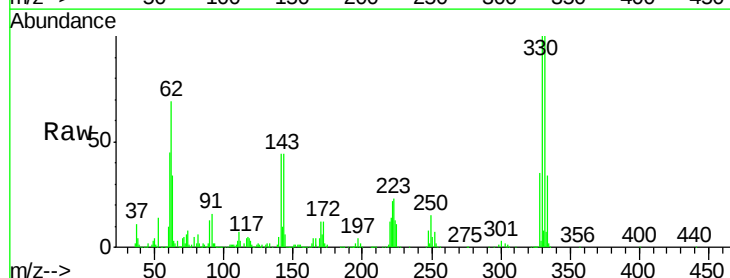
Instrument :
BNA_G
ClientSampleId :
MW-2

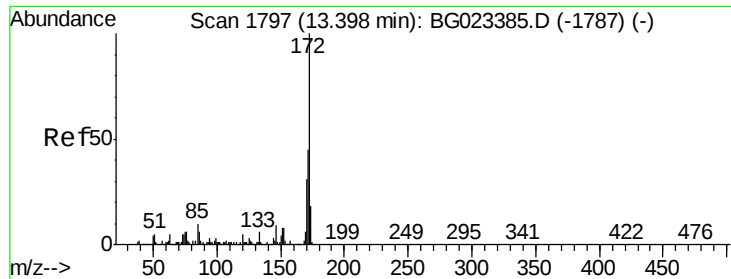
Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	87.7	131.5
160	44.8	37.2	55.8



#41
2,4,6-Tribromophenol
Concen: 103.15 ng
RT: 16.26 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG023904.D
Acq: 25 Aug 2016 21:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	42.4	31.7	47.5

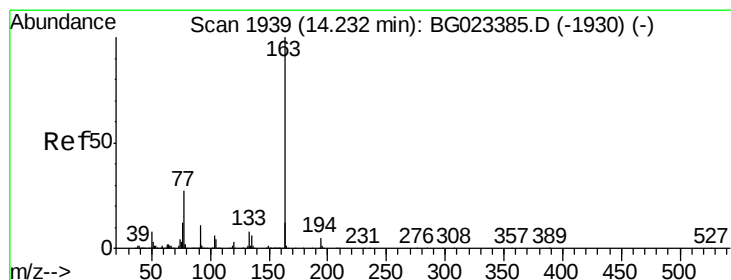
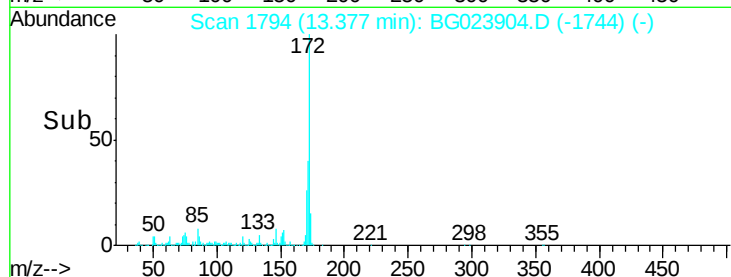
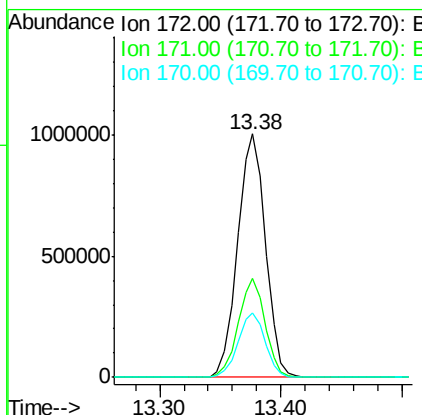
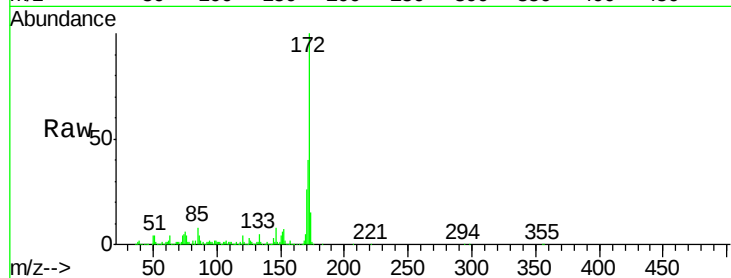




#44
2-Fluorobiphenyl
Concen: 83.28 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG023904.D
Acq: 25 Aug 2016 21:43

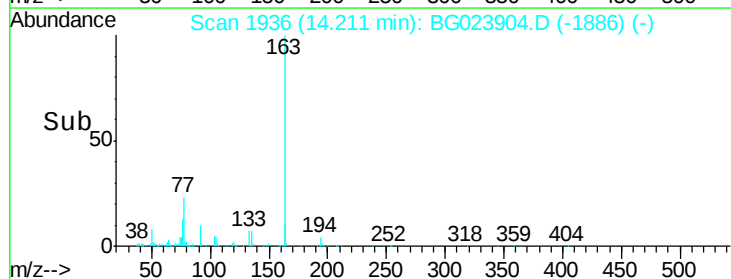
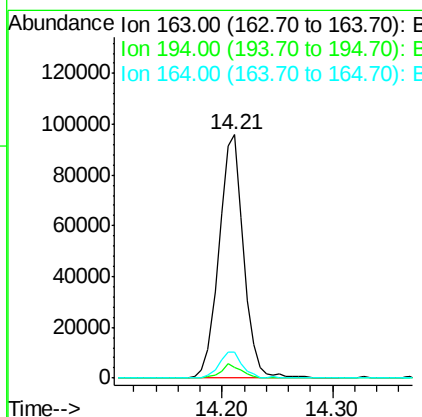
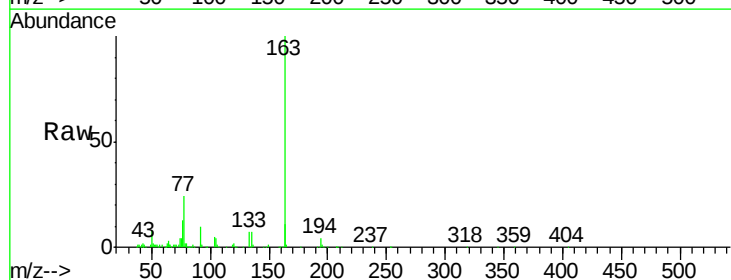
Instrument :
BNA_G
ClientSampled :
MW-2

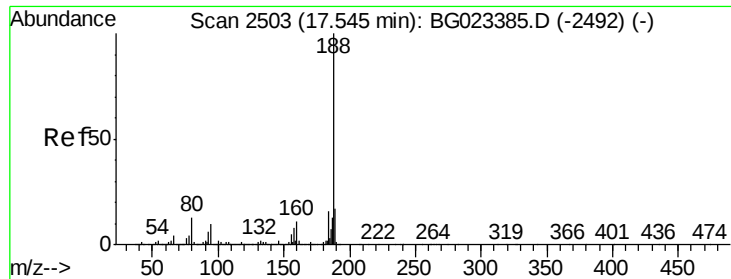
Tgt Ion:172 Resp: 1616107
Ion Ratio Lower Upper
172 100
171 40.5 31.6 47.4
170 26.4 21.3 31.9



#49
Dimethylphthalate
Concen: 5.90 ng
RT: 14.21 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG023904.D
Acq: 25 Aug 2016 21:43

Tgt Ion:163 Resp: 148183
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.5 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG023904.D

Acq: 25 Aug 2016 21:43

Instrument :

BNA_G

ClientSampleId :

MW-2

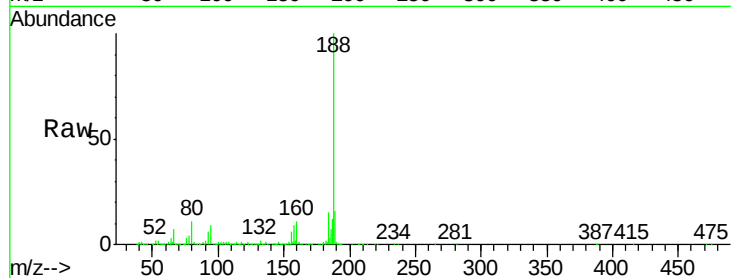
Tgt Ion:188 Resp: 785452

Ion Ratio Lower Upper

188 100

94 8.8 5.2 7.8#

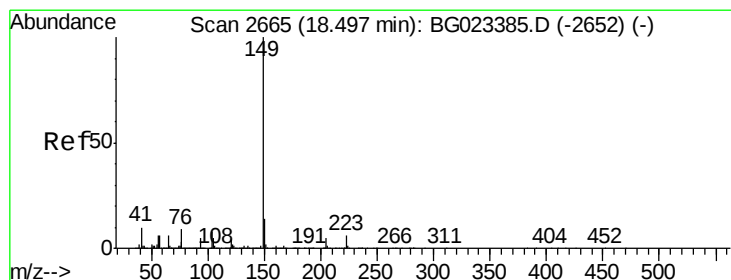
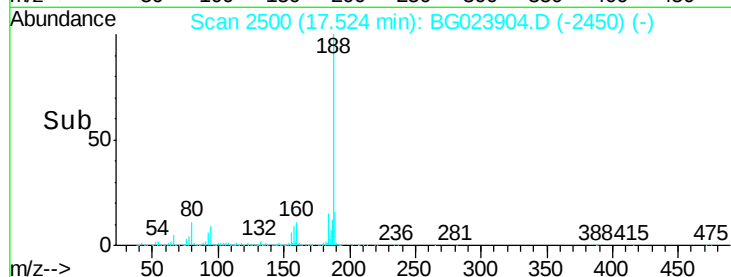
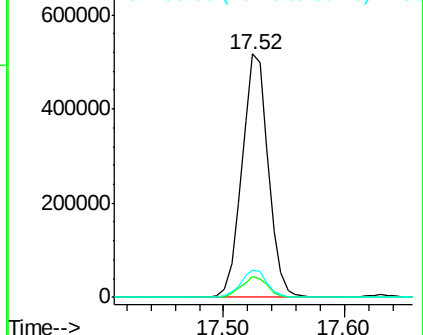
80 11.4 7.2 10.8#



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: 18.47 min Scan# 2661

Delta R.T. -0.00 min

Lab File: BG023904.D

Acq: 25 Aug 2016 21:43

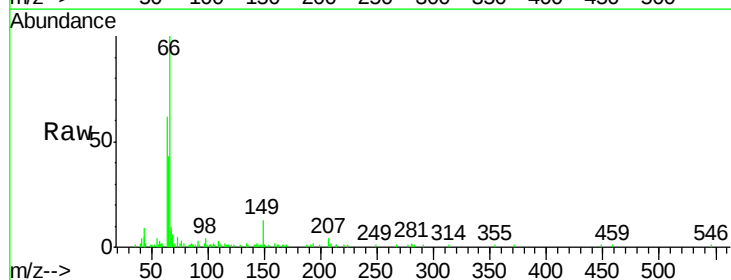
Tgt Ion:149 Resp: 3464

Ion Ratio Lower Upper

149 100

150 19.3 9.1 13.7#

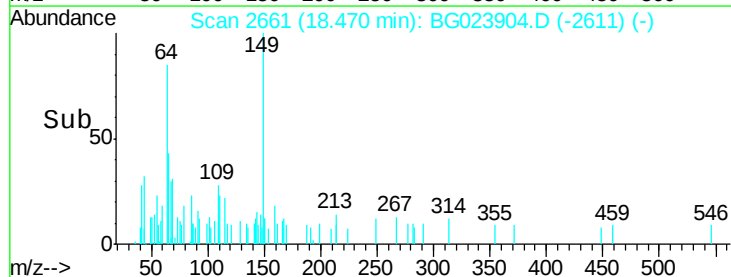
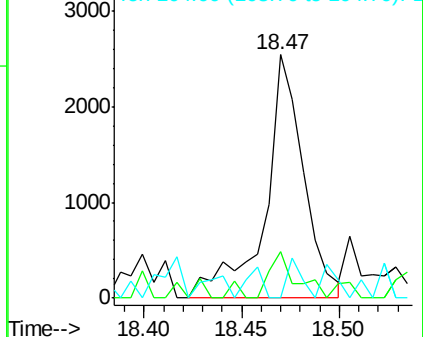
104 0.0 6.9 10.3#

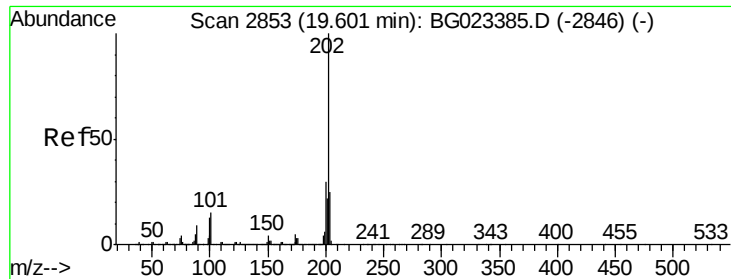


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 19.59 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BG023904.D

Acq: 25 Aug 2016 21:43

Instrument :

BNA_G

ClientSampleId :

MW-2

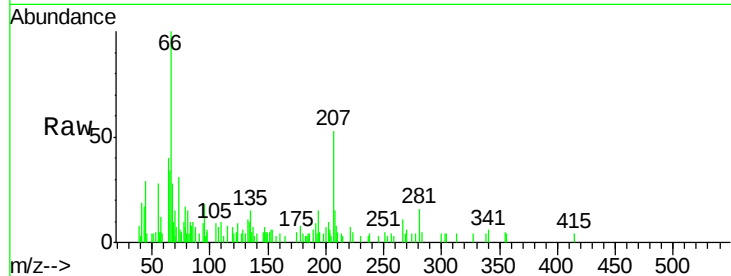
Tgt Ion:202 Resp: 467

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.4

203 103.1 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

19.59

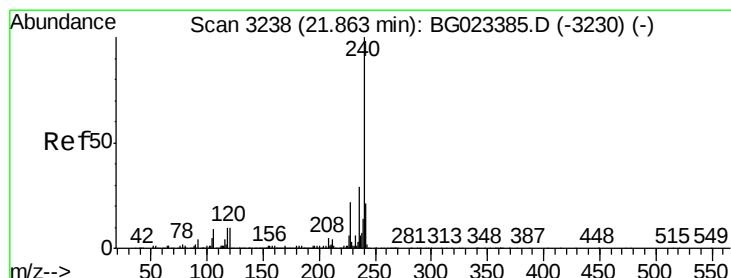
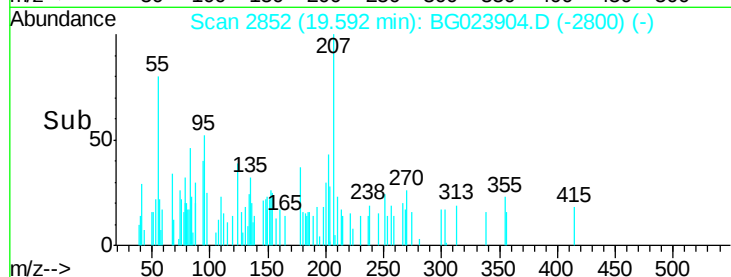
400

200

0

19.56 19.58 19.60 19.62

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG023904.D

Acq: 25 Aug 2016 21:43

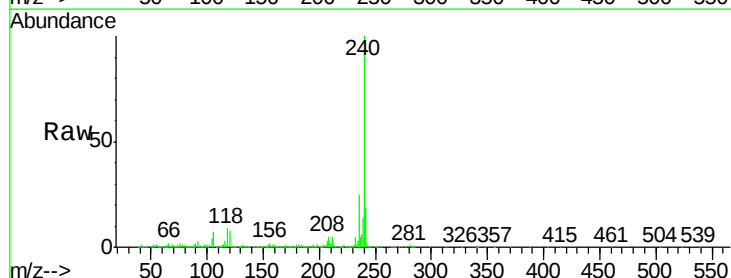
Tgt Ion:240 Resp: 860677

Ion Ratio Lower Upper

240 100

120 8.4 4.1 6.1#

236 25.1 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

21.84

600000

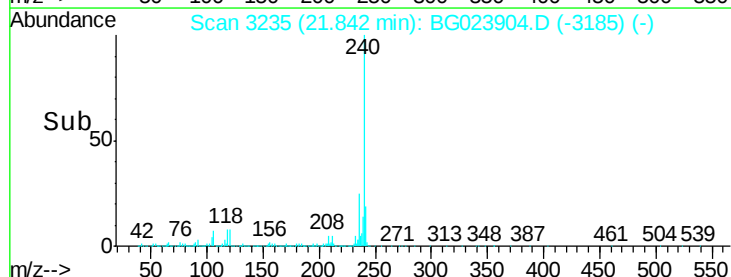
400000

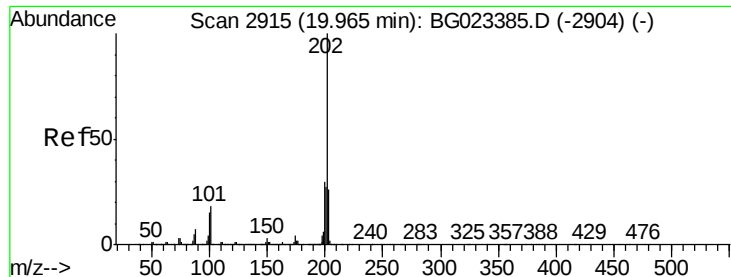
200000

0

21.80 21.90

Time-->

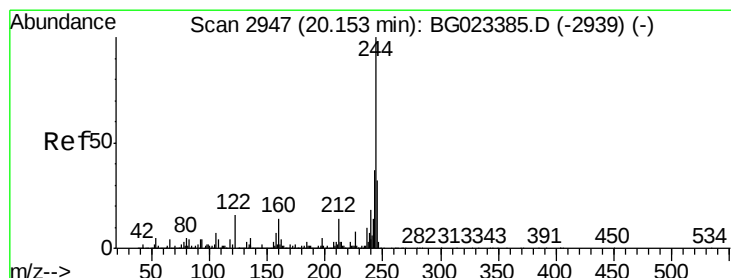
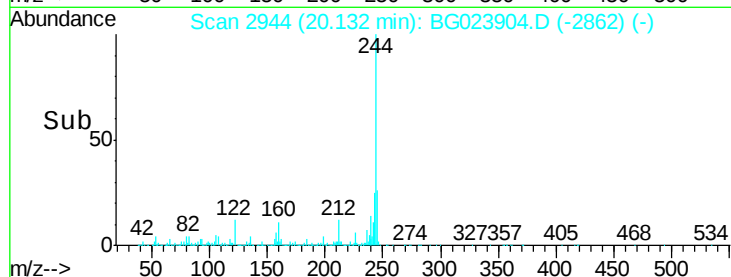
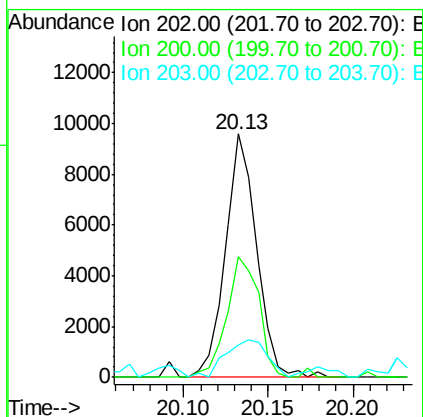
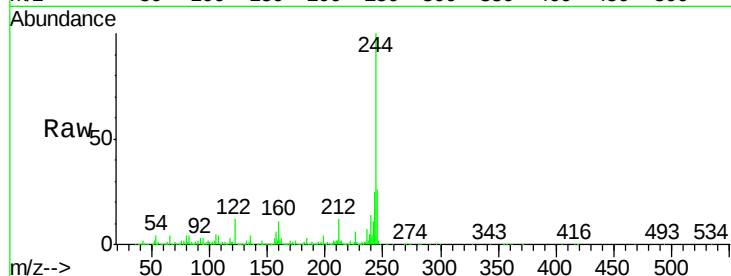




#77
 Pyrene
 Concen: Below Cal
 RT: 20.13 min Scan# 2944
 Delta R.T. 0.18 min
 Lab File: BG023904.D
 Acq: 25 Aug 2016 21:43

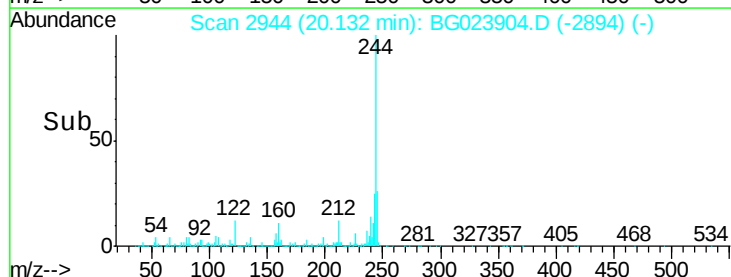
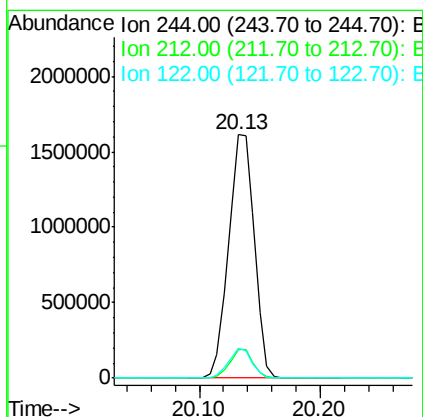
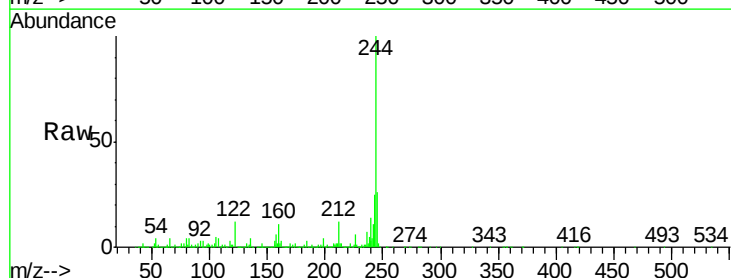
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

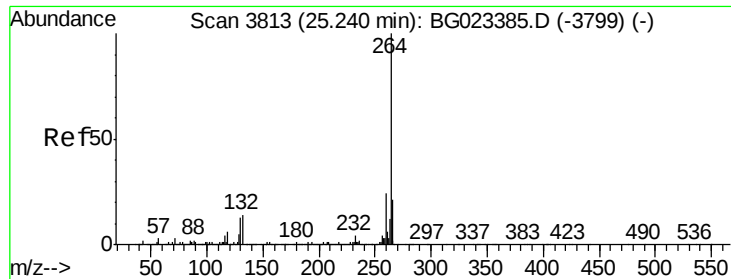
Tgt Ion:202 Resp: 12314
 Ion Ratio Lower Upper
 202 100
 200 49.7 21.2 31.8#
 203 13.2 16.8 25.2#



#78
 Terphenyl-d14
 Concen: 87.37 ng
 RT: 20.13 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: BG023904.D
 Acq: 25 Aug 2016 21:43

Tgt Ion:244 Resp: 2388260
 Ion Ratio Lower Upper
 244 100
 212 11.8 10.8 16.2
 122 12.1 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.00 min
Lab File: BG023904.D
Acq: 25 Aug 2016 21:43

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:	264	Resp:	785983
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	21.5	18.9	28.3

