

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
 Data File : BG023406.D
 Acq On : 2 Aug 2016 21:40
 Operator : UM/SJ
 Sample : H4270-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KMW-3

Quant Time: Aug 03 02:29:06 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

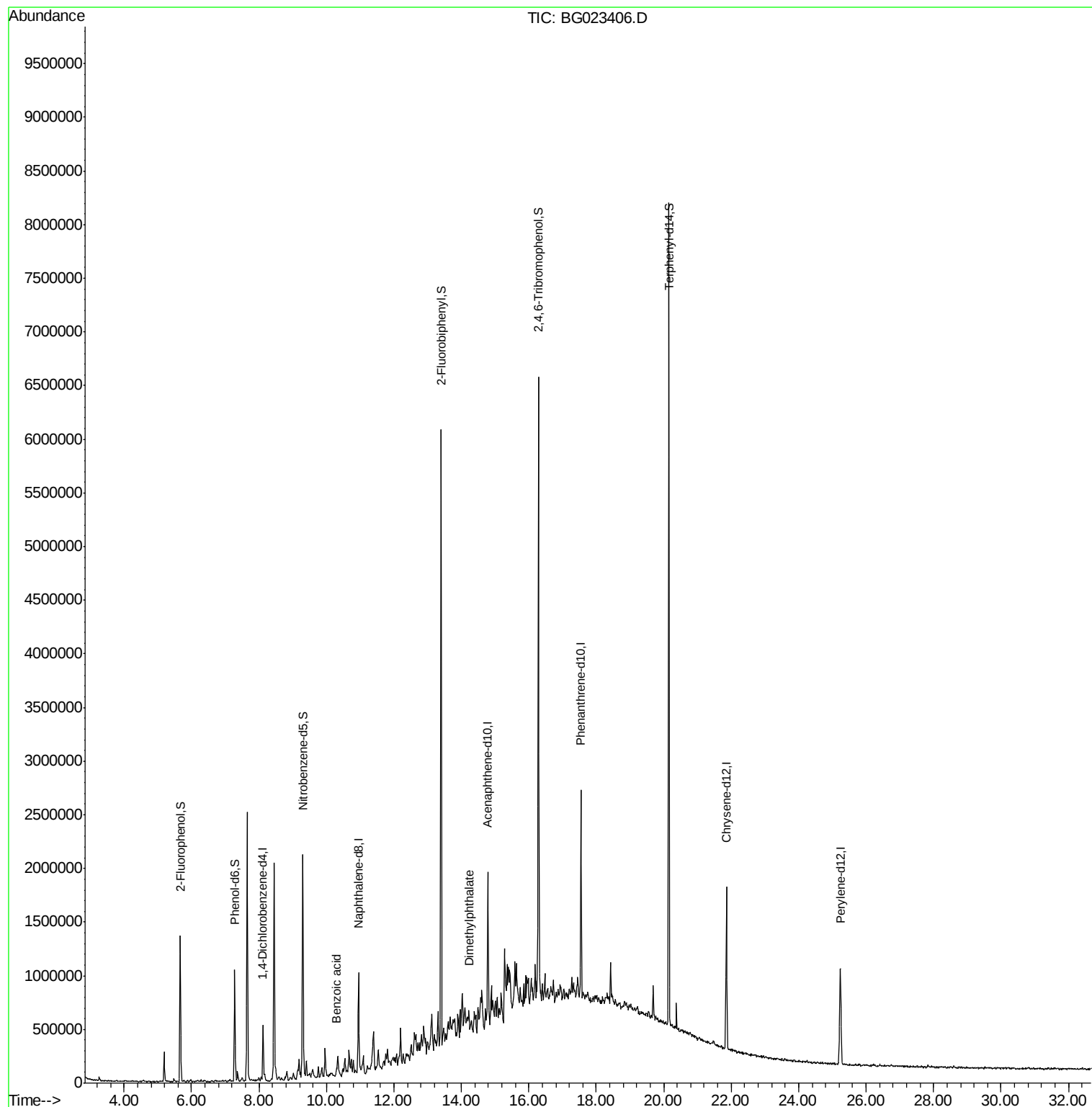
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	138377	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	678825	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	493972	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1092334	20.00	ng	0.00
75) Chrysene-d12	21.85	240	941142	20.00	ng	0.00
86) Perylene-d12	25.23	264	975538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	605059	73.60	ng	0.00
7) Phenol-d6	7.28	99	646908	50.52	ng	0.00
23) Nitrobenzene-d5	9.30	82	1351106	98.95	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	1087110	150.46	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2607386	89.03	ng	0.00
78) Terphenyl-d14	20.15	244	2897655	99.65	ng	0.00
Target Compounds						
9) Benzaldehyde	7.25	77	677	Below Cal	#	32
32) Benzoic acid	10.29	122	380	6.48 ng	#	38
49) Dimethylphthalate	14.22	163	92981	2.45 ng		97
73) Di-n-butylphthalate	18.49	149	10976	Below Cal	#	72
74) Fluoranthene	19.59	202	1670	Below Cal	#	1
77) Pyrene	19.96	202	1488	Below Cal	#	1

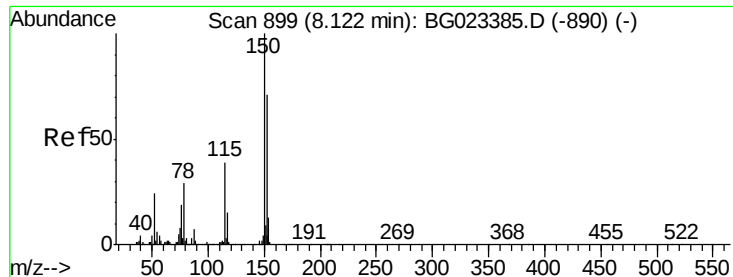
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023406.D

Acq: 2 Aug 2016 21:40

Instrument :

BNA_G

ClientSampleId :

KMW-3

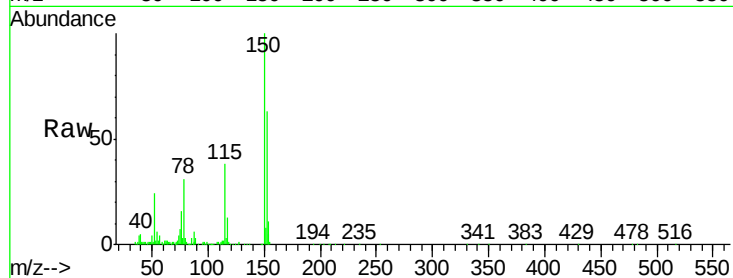
Tgt Ion:152 Resp: 138377

Ion Ratio Lower Upper

152 100

150 158.8 144.7 217.1

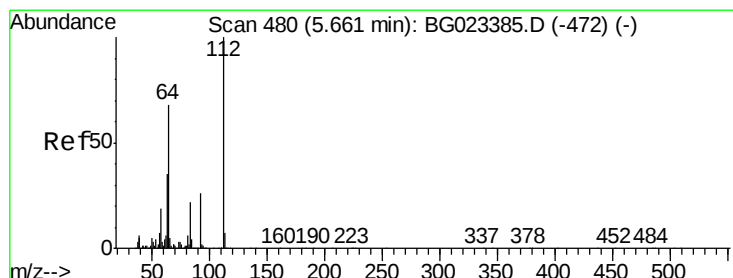
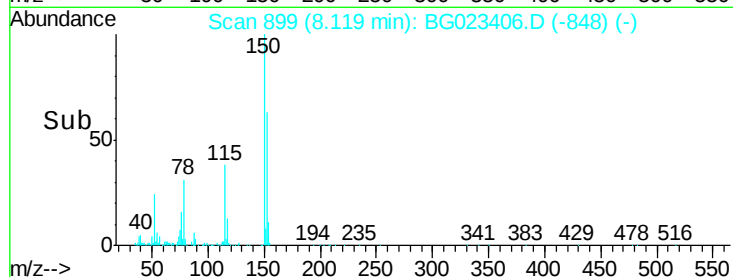
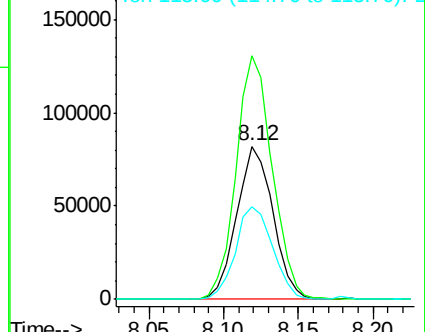
115 60.1 64.0 96.0#



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: 73.60 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023406.D

Acq: 2 Aug 2016 21:40

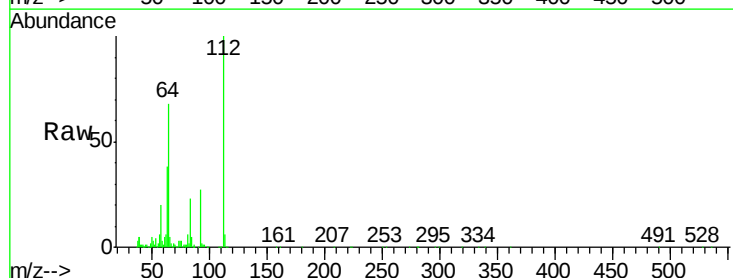
Tgt Ion:112 Resp: 605059

Ion Ratio Lower Upper

112 100

64 67.9 59.0 88.4

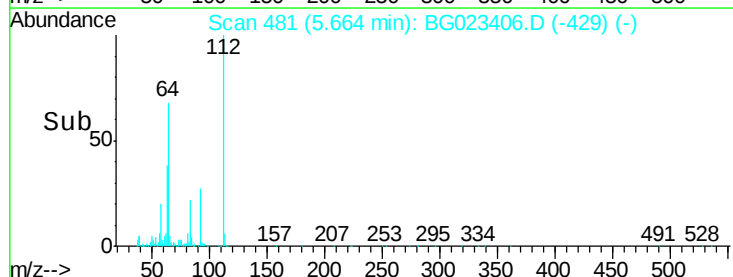
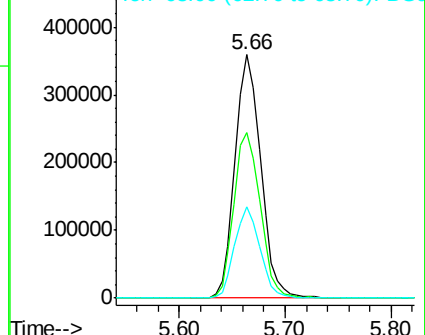
63 37.6 37.8 56.8#

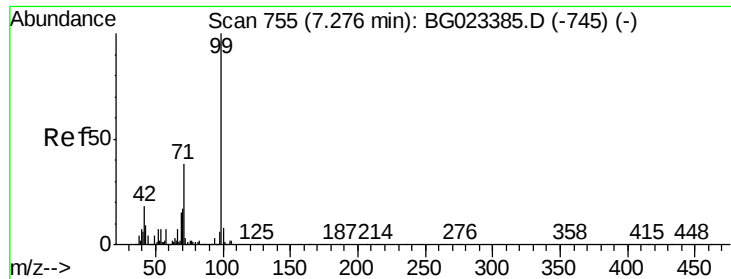


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.52 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023406.D

Acq: 2 Aug 2016 21:40

Instrument :

BNA_G

ClientSampleId :

KMW-3

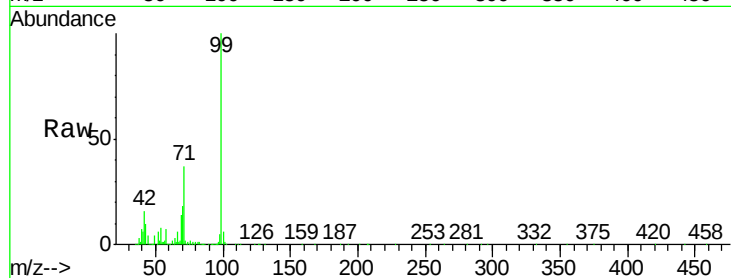
Tgt Ion: 99 Resp: 646908

Ion Ratio Lower Upper

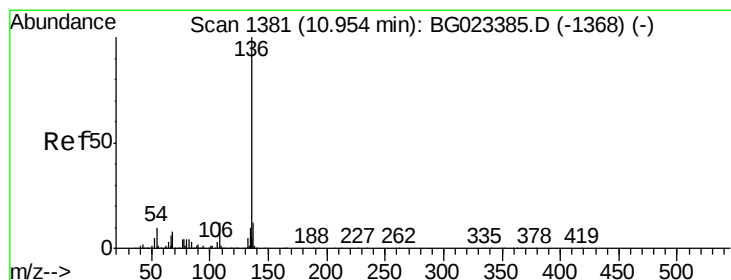
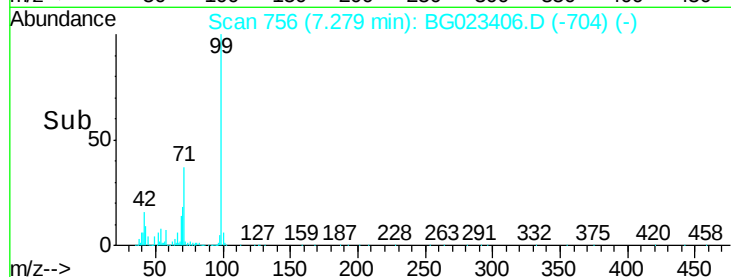
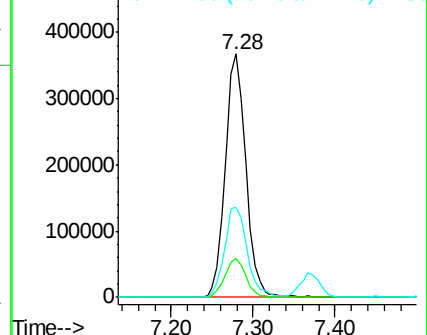
99 100

42 15.9 17.8 26.6#

71 36.9 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: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023406.D

Acq: 2 Aug 2016 21:40

Tgt Ion: 136 Resp: 678825

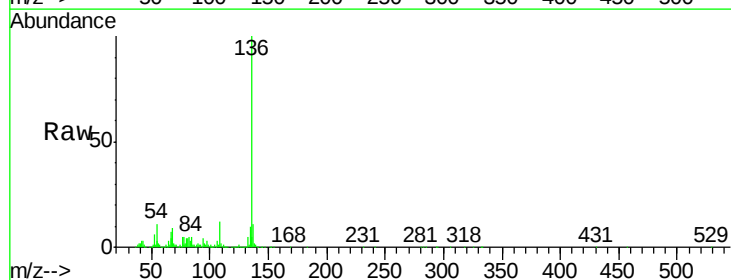
Ion Ratio Lower Upper

136 100

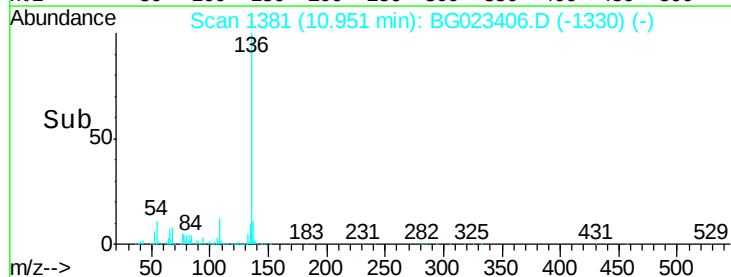
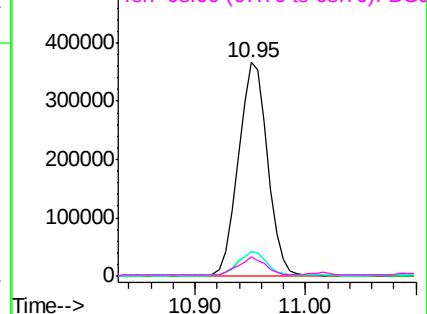
137 11.5 9.6 14.4

54 11.4 7.3 10.9#

68 9.0 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

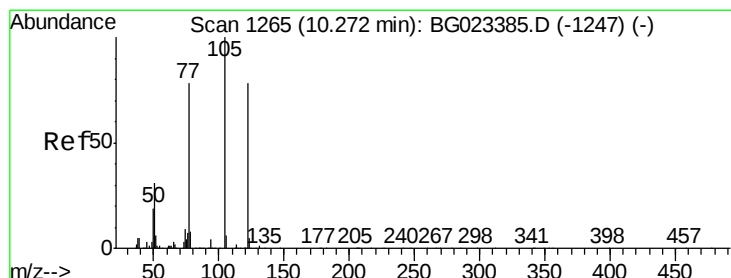
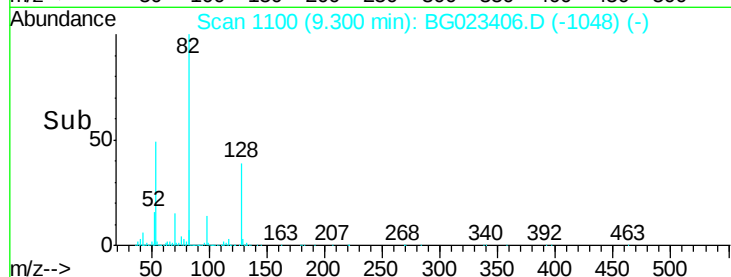
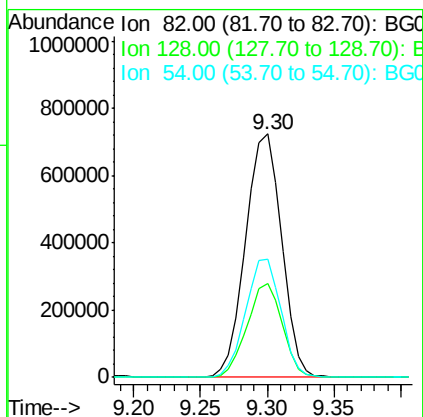
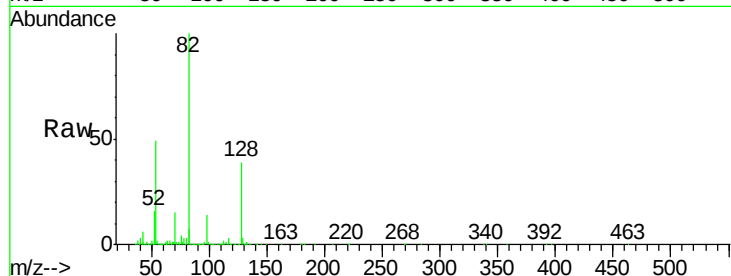




#23
 Nitrobenzene-d5
 Concen: 98.95 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BG023406.D
 Acq: 2 Aug 2016 21:40

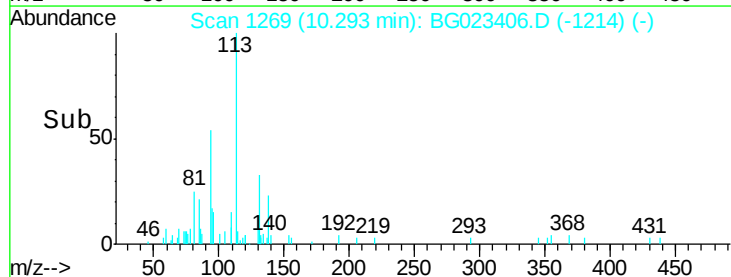
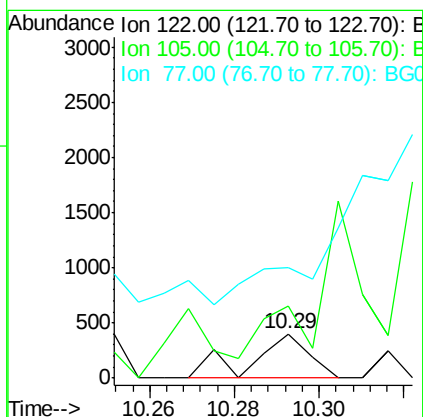
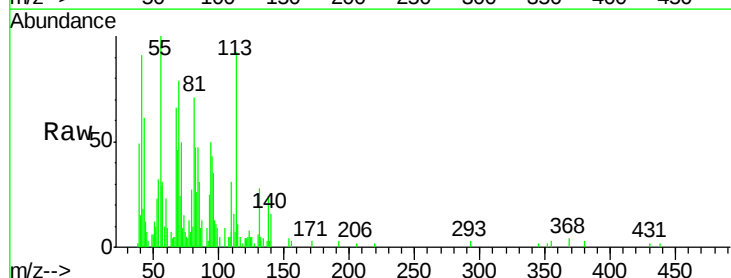
Instrument :
 BNA_G
 ClientSampled :
 KMW-3

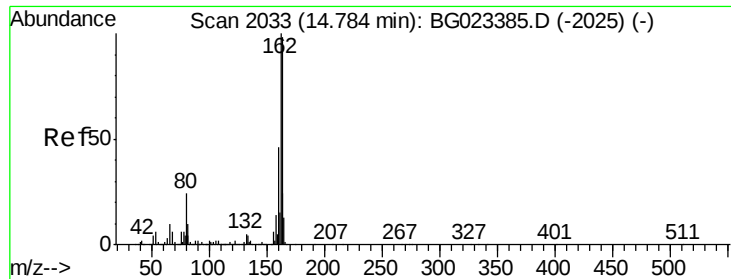
Tgt Ion: 82 Resp: 1351106
 Ion Ratio Lower Upper
 82 100
 128 38.8 24.4 36.6#
 54 48.8 41.4 62.0



#32
 Benzoic acid
 Concen: 6.48 ng
 RT: 10.29 min Scan# 1269
 Delta R.T. 0.02 min
 Lab File: BG023406.D
 Acq: 2 Aug 2016 21:40

Tgt Ion: 122 Resp: 380
 Ion Ratio Lower Upper
 122 100
 105 163.0 117.2 157.2#
 77 250.0 109.2 149.2#

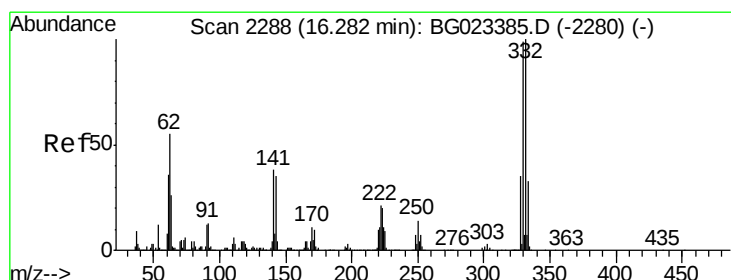
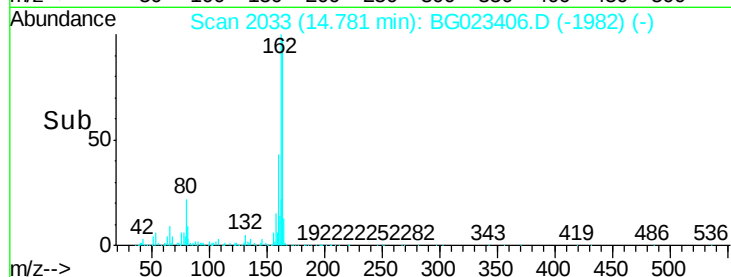
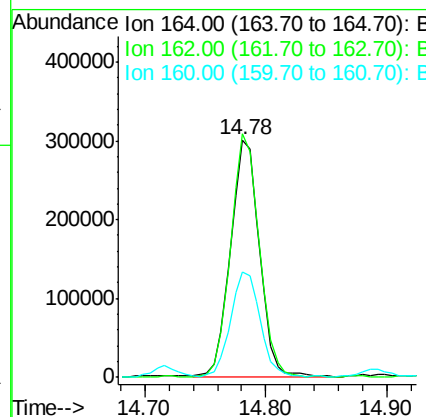
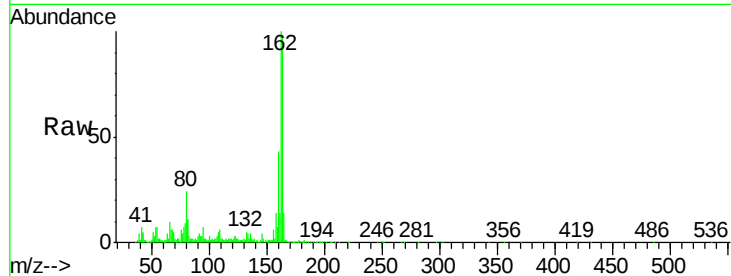




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023406.D
Acq: 2 Aug 2016 21:40

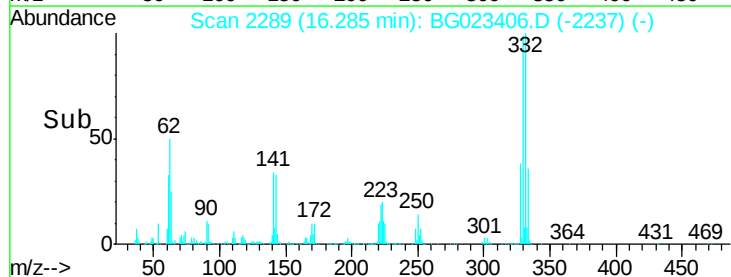
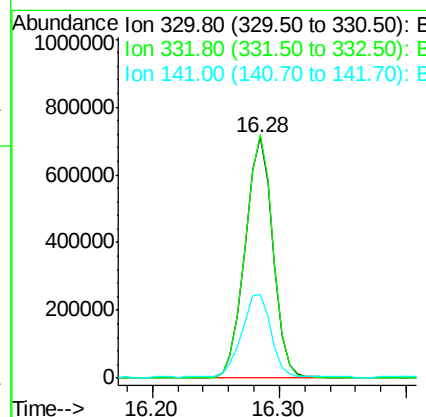
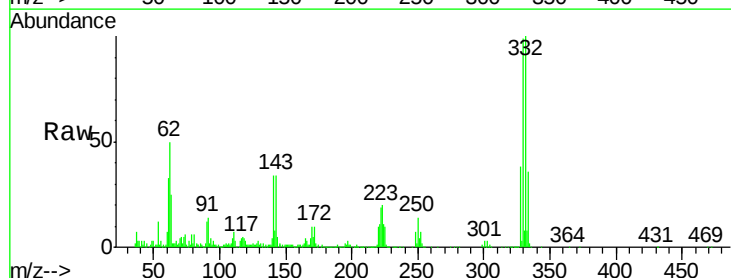
Instrument :
BNA_G
ClientSampleId :
KMW-3

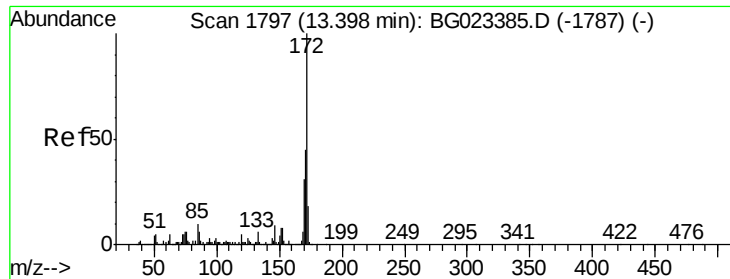
Tgt Ion:164 Resp: 493972
Ion Ratio Lower Upper
164 100
162 102.4 87.7 131.5
160 44.2 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 150.46 ng
RT: 16.28 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG023406.D
Acq: 2 Aug 2016 21:40

Tgt Ion:330 Resp: 1087110
Ion Ratio Lower Upper
330 100
332 100.8 77.4 116.2
141 35.9 31.7 47.5

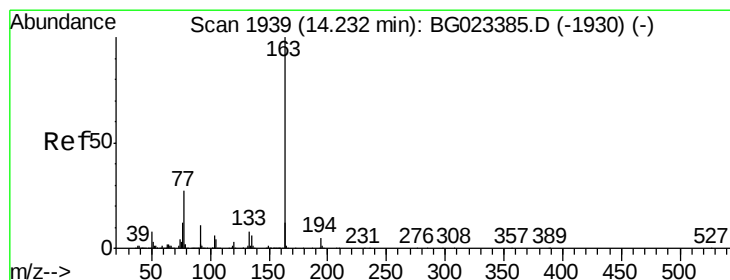
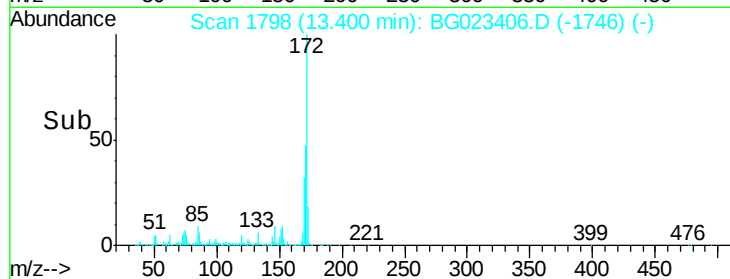
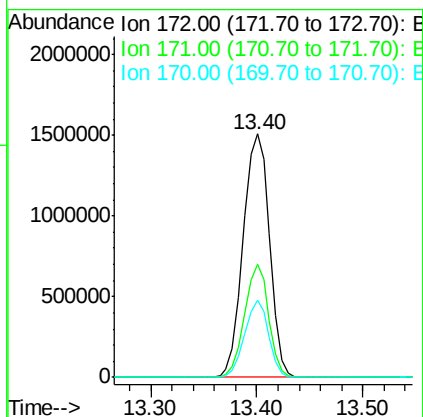
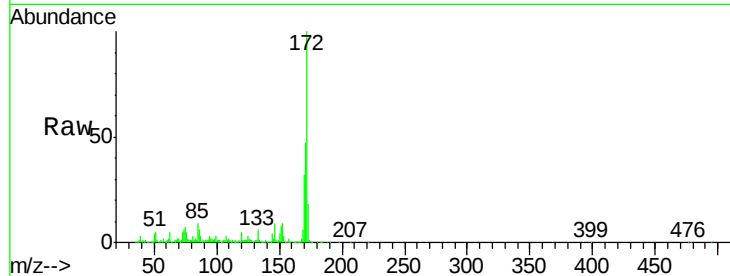




#44
2-Fluorobiphenyl
Concen: 89.03 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023406.D
Acq: 2 Aug 2016 21:40

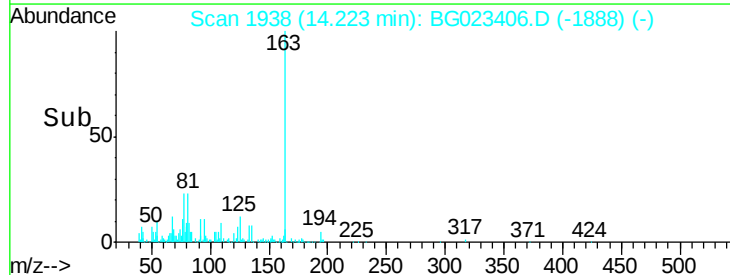
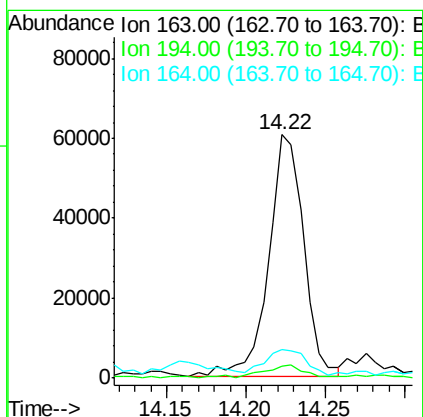
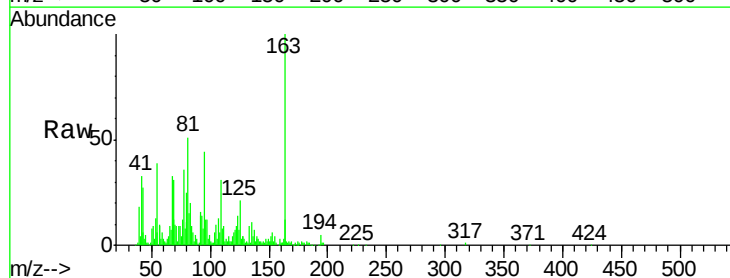
Instrument :
BNA_G
ClientSampleId :
KMW-3

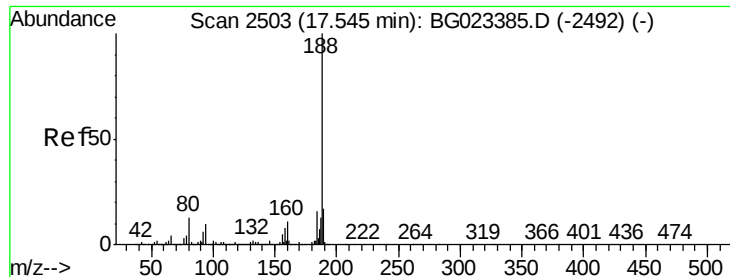
Tgt Ion:172 Resp: 2607386
Ion Ratio Lower Upper
172 100
171 46.6 31.6 47.4
170 31.8 21.3 31.9



#49
Dimethylphthalate
Concen: 2.45 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023406.D
Acq: 2 Aug 2016 21:40

Tgt Ion:163 Resp: 92981
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 11.7 8.1 12.1

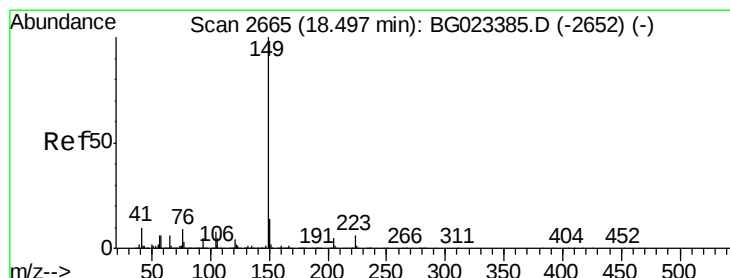
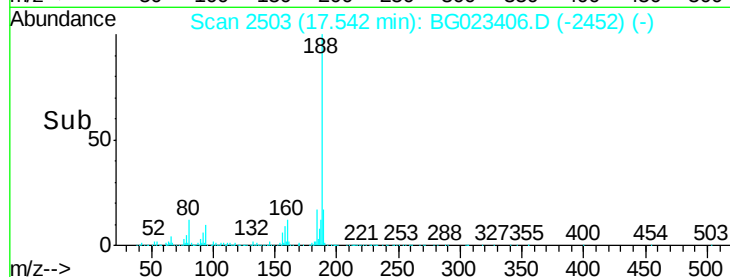
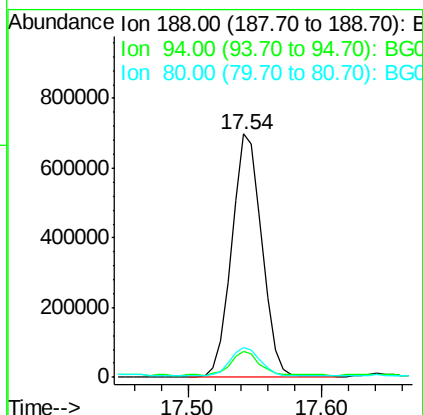
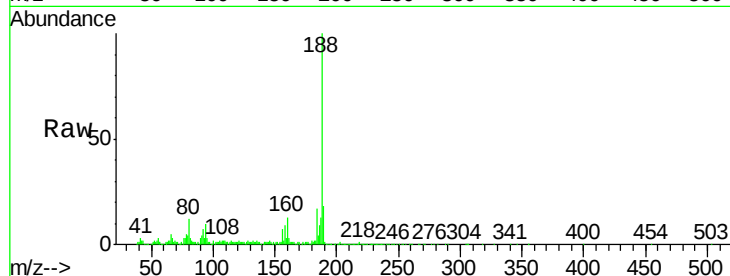




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023406.D
Acq: 2 Aug 2016 21:40

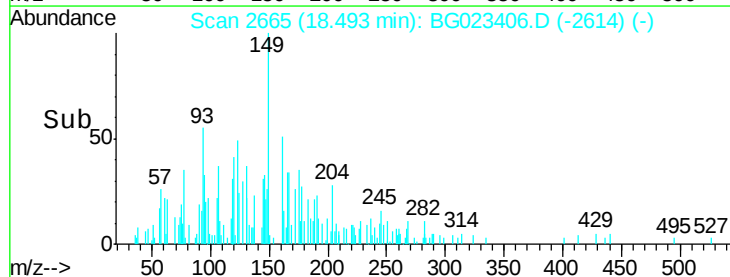
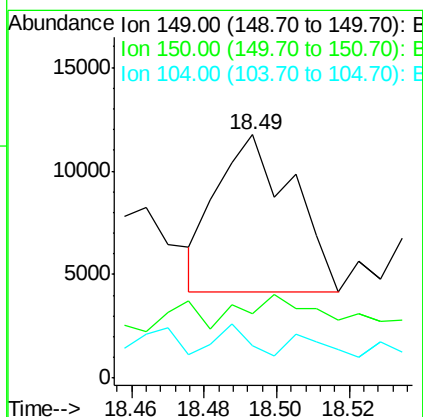
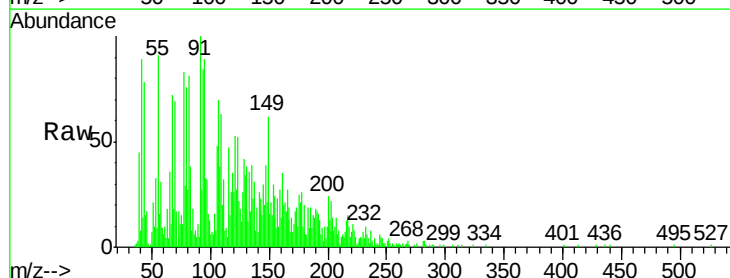
Instrument :
BNA_G
ClientSampleId :
KMW-3

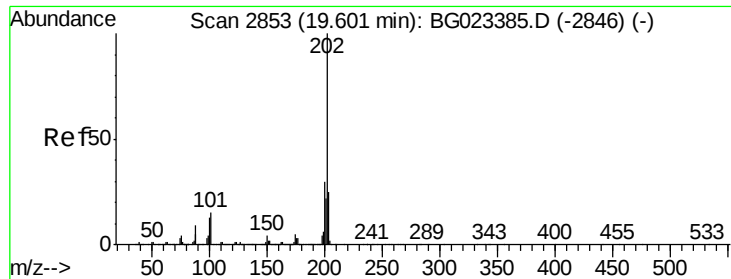
Tgt Ion:188 Resp: 1092334
Ion Ratio Lower Upper
188 100
94 10.5 5.2 7.8#
80 12.3 7.2 10.8#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023406.D
Acq: 2 Aug 2016 21:40

Tgt Ion:149 Resp: 10976
Ion Ratio Lower Upper
149 100
150 26.3 9.1 13.7#
104 13.4 6.9 10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.59 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG023406.D

Acq: 2 Aug 2016 21:40

Instrument :

BNA_G

ClientSampleId :

KMW-3

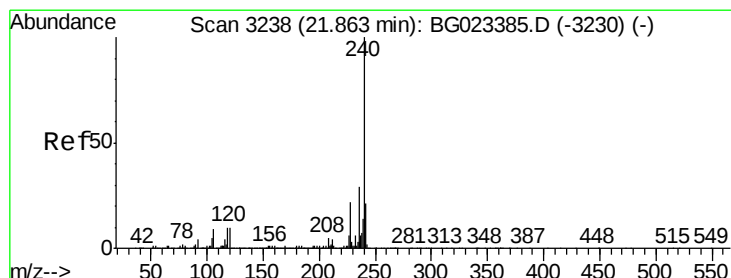
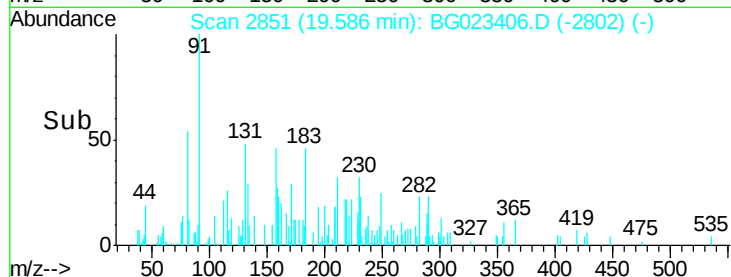
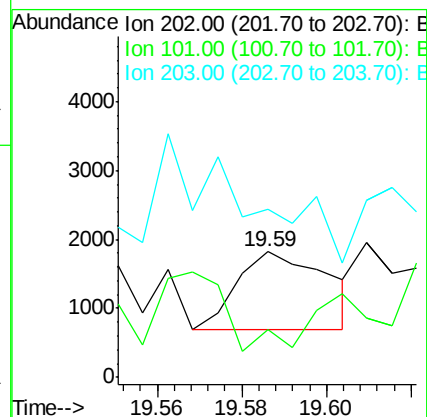
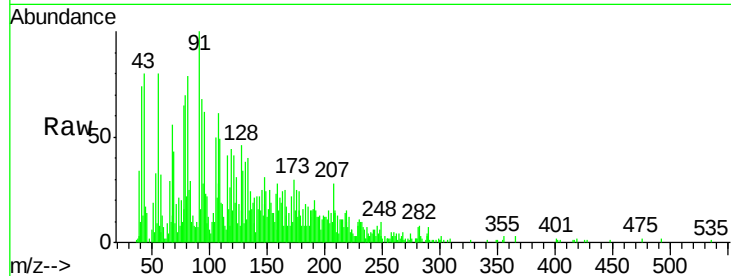
Tgt Ion:202 Resp: 1670

Ion Ratio Lower Upper

202 100

101 38.3 0.0 27.4#

203 134.5 1.7 41.7#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BG023406.D

Acq: 2 Aug 2016 21:40

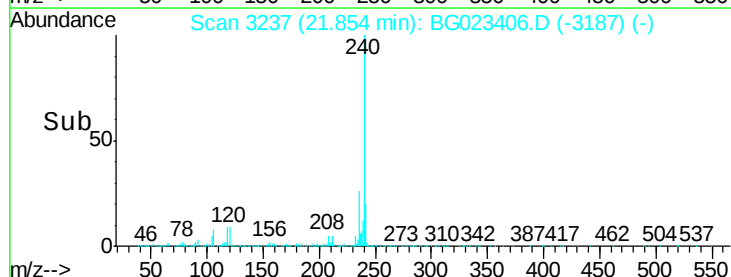
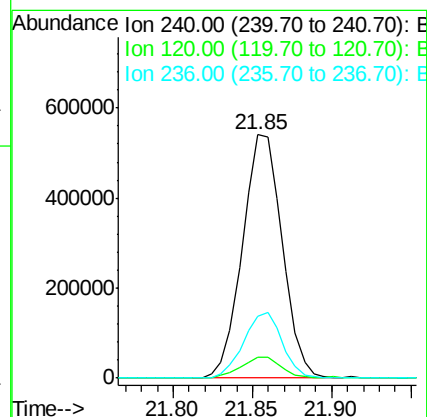
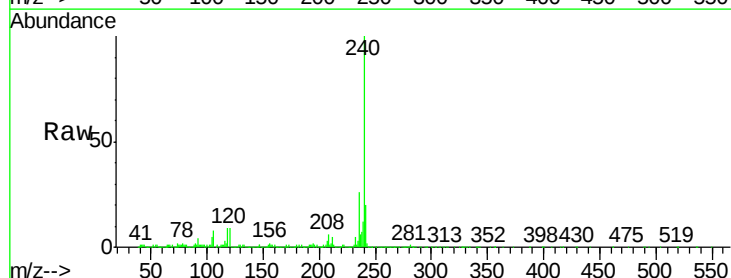
Tgt Ion:240 Resp: 941142

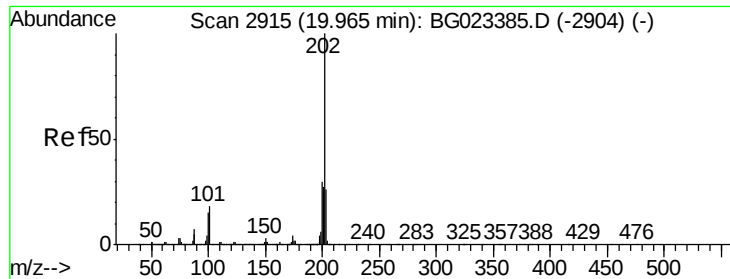
Ion Ratio Lower Upper

240 100

120 8.8 4.1 6.1#

236 25.7 21.1 31.7





#77

Pyrene

Concen: Below Cal

RT: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG023406.D

Acq: 2 Aug 2016 21:40

Instrument :

BNA_G

ClientSampleId :

KMW-3

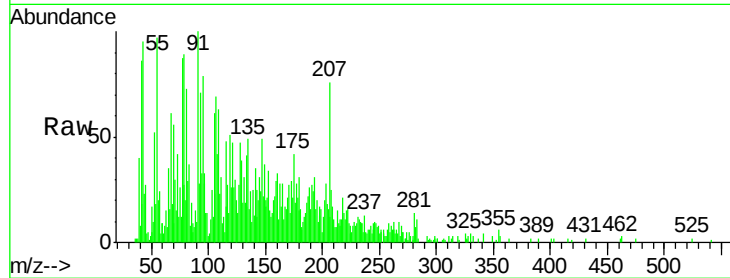
Tgt Ion:202 Resp: 1488

Ion Ratio Lower Upper

202 100

200 27.1 21.2 31.8

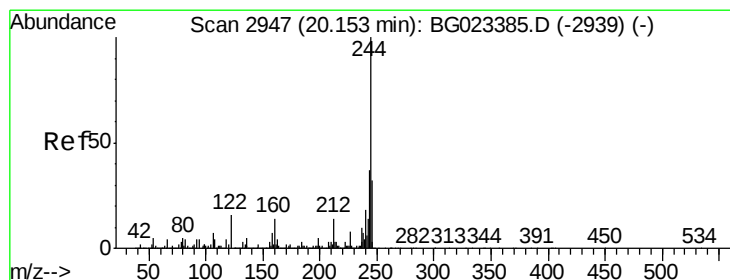
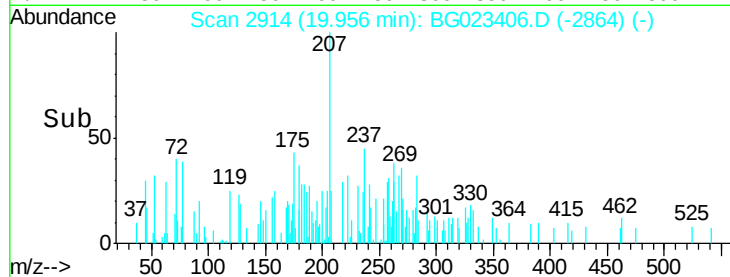
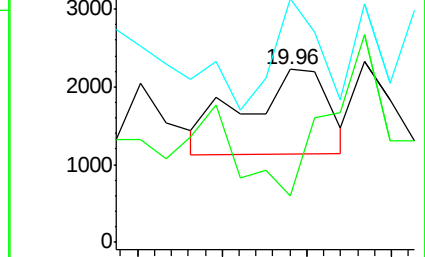
203 140.7 16.8 25.2#



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: 99.65 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023406.D

Acq: 2 Aug 2016 21:40

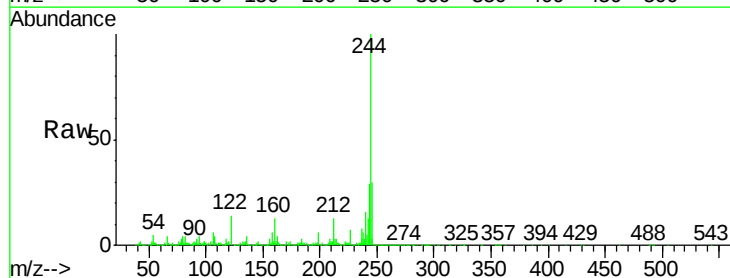
Tgt Ion:244 Resp: 2897655

Ion Ratio Lower Upper

244 100

212 13.0 10.8 16.2

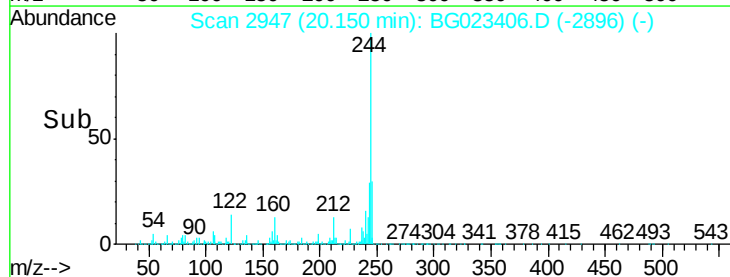
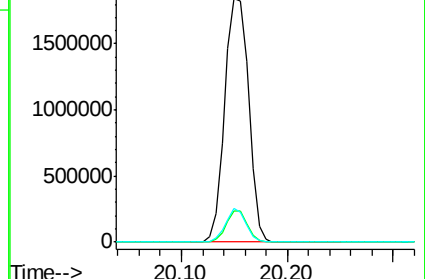
122 13.7 8.0 12.0#

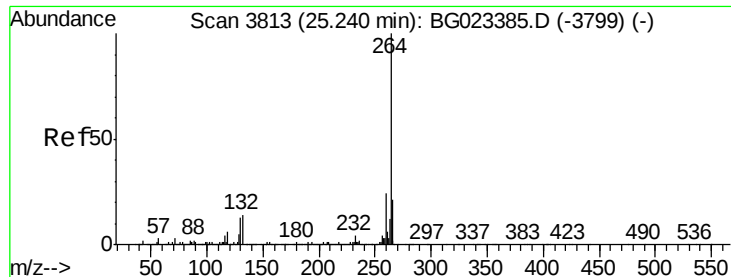


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BG023406.D
Acq: 2 Aug 2016 21:40

Instrument :
BNA_G
ClientSampleId :
KMW-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	22.3	18.9	28.3

