

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023440.D
 Acq On : 4 Aug 2016 00:42
 Operator : UM/SJ
 Sample : H4270-06RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KMW-4RE

Quant Time: Aug 04 03:46:48 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	106409	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	471947	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	359589	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1052429	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1091400	20.00	ng	0.00
86) Perylene-d12	25.24	264	1034267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	140109	22.16	ng	0.00
7) Phenol-d6	7.27	99	254058	25.80	ng	0.00
23) Nitrobenzene-d5	9.29	82	170066	17.91	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	80883	15.38	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	434439	20.38	ng	0.00
78) Terphenyl-d14	20.15	244	952488	10.54	ng	0.00

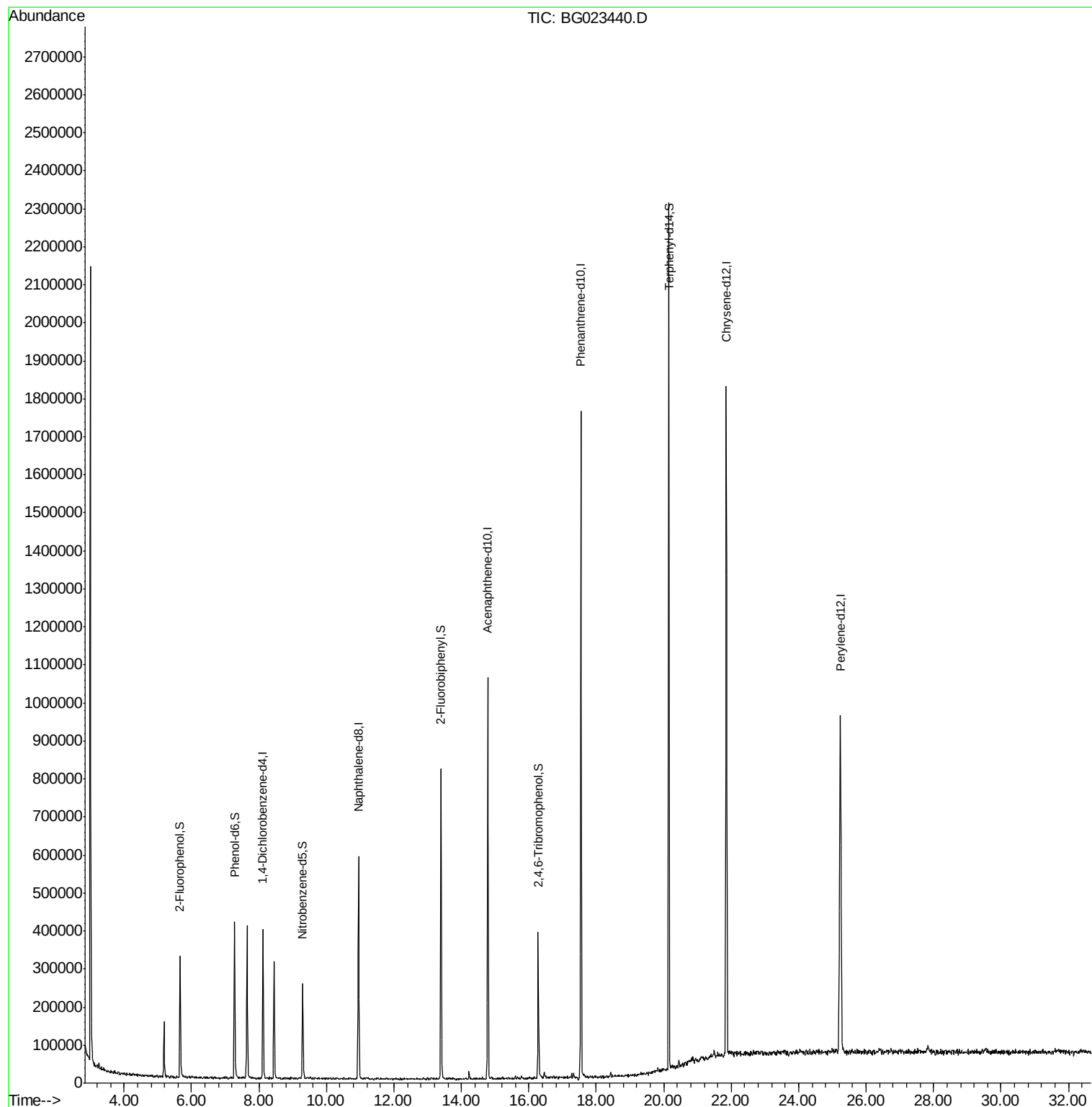
Target Compounds Qvalue

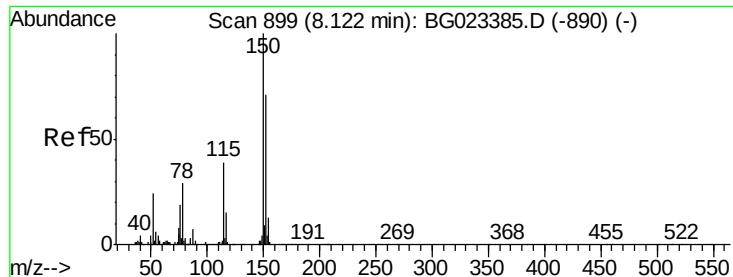
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023440.D

Acq: 4 Aug 2016 00:42

Instrument :

BNA_G

ClientSampleId :

KMW-4RE

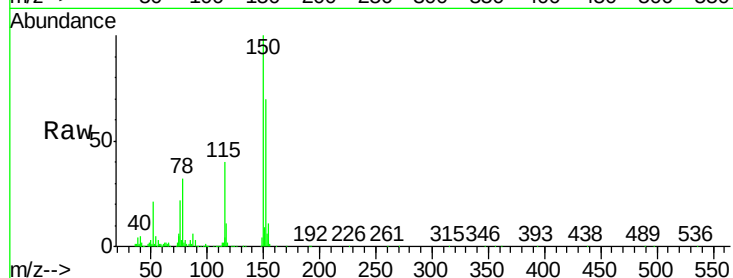
Tot Ion:152 Resp: 106409

Ion Ratio Lower Upper

152 100

150 142.5 144.7 217.1#

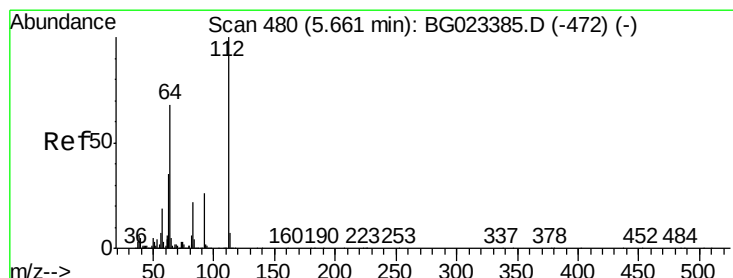
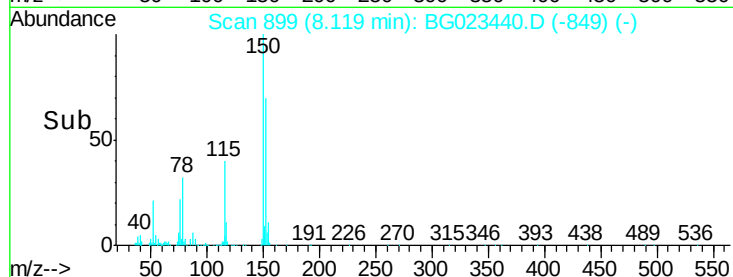
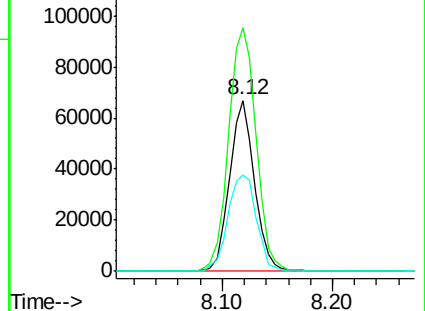
115 56.7 64.0 96.0#



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: 22.16 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023440.D

Acq: 4 Aug 2016 00:42

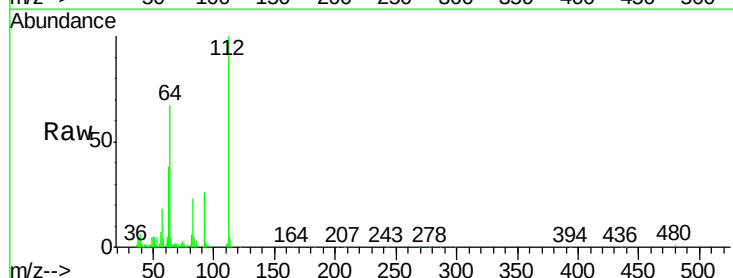
Tgt Ion:112 Resp: 140109

Ion Ratio Lower Upper

112 100

64 67.2 59.0 88.4

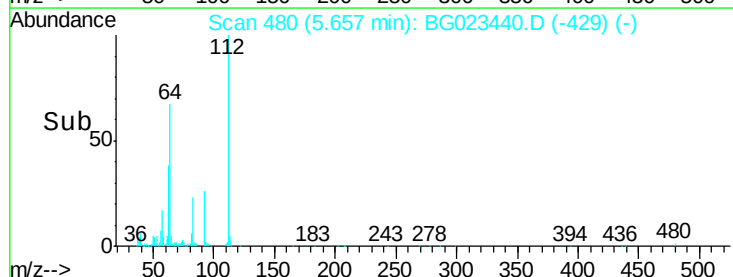
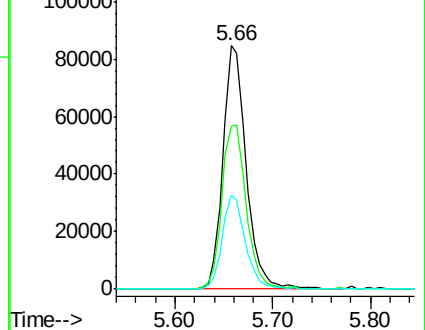
63 38.3 37.8 56.8

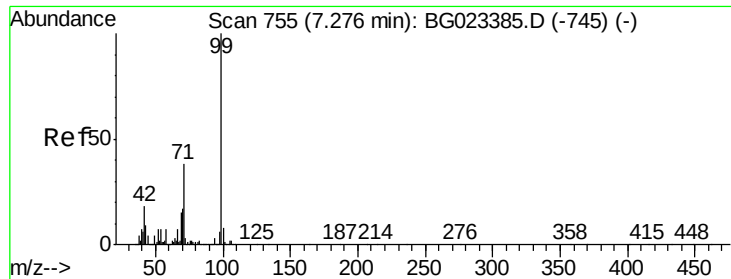


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.80 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023440.D

Acq: 4 Aug 2016 00:42

Instrument :

BNA_G

ClientSampleId :

KMW-4RE

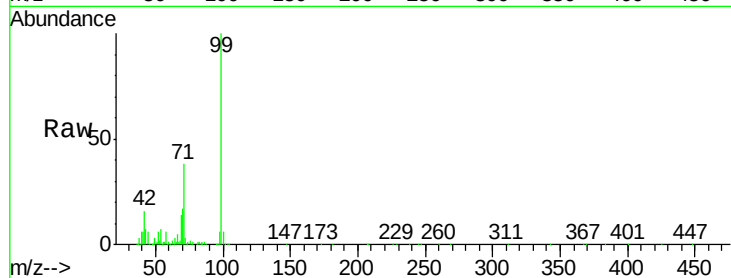
Tot Ion: 99 Resp: 254058

Ion Ratio Lower Upper

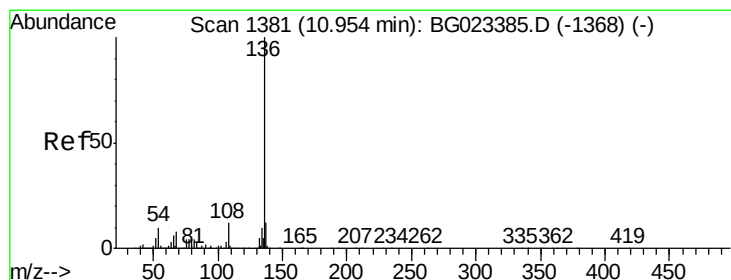
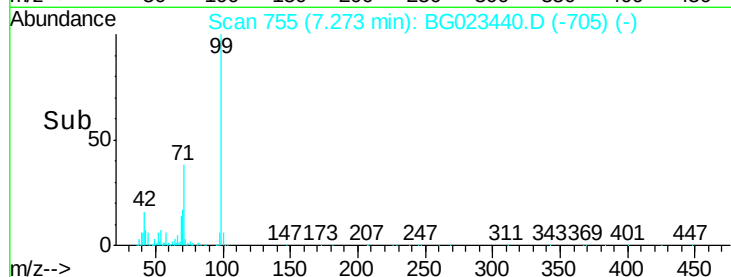
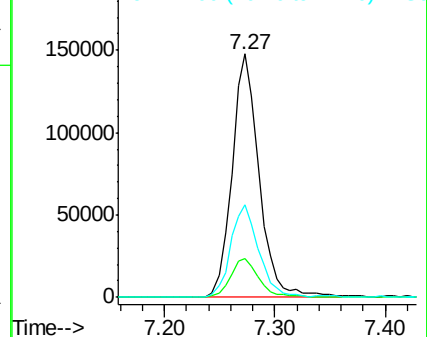
99 100

42 16.0 17.8 26.6#

71 38.0 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: BG023440.D

Acq: 4 Aug 2016 00:42

Tgt Ion: 136 Resp: 471947

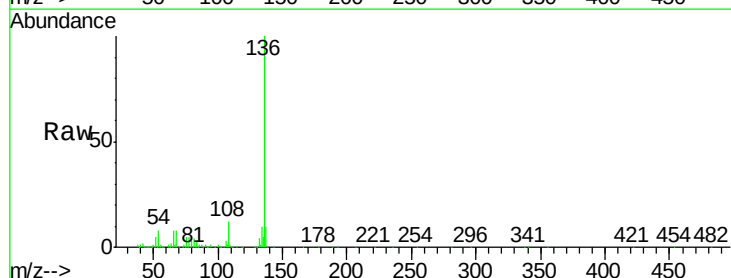
Ion Ratio Lower Upper

136 100

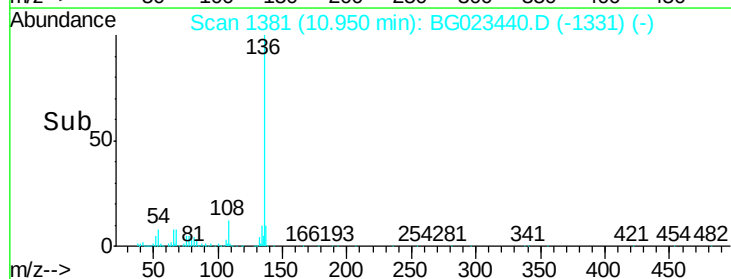
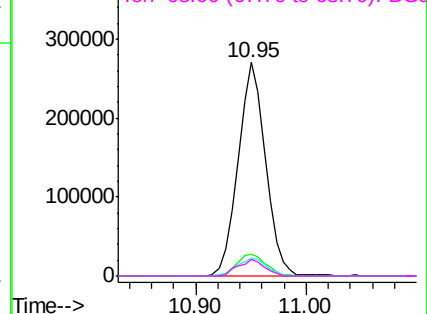
137 10.0 9.6 14.4

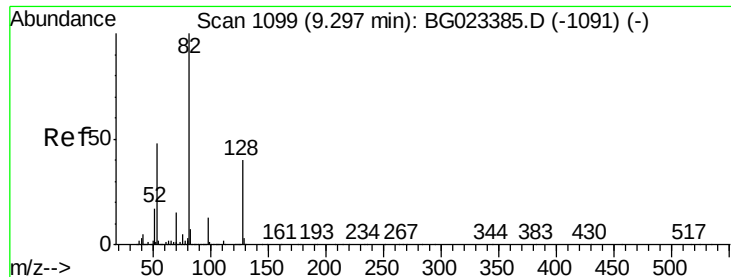
54 8.3 7.3 10.9

68 7.5 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

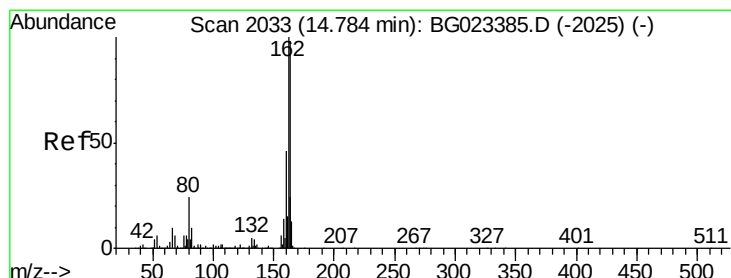
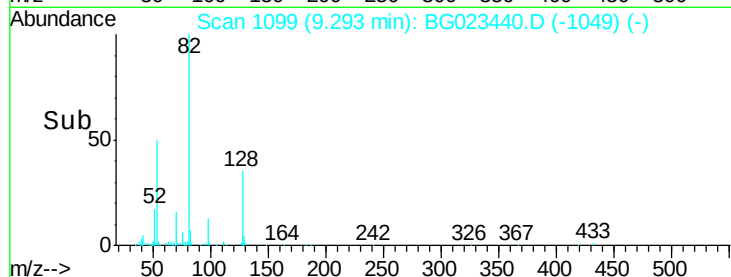
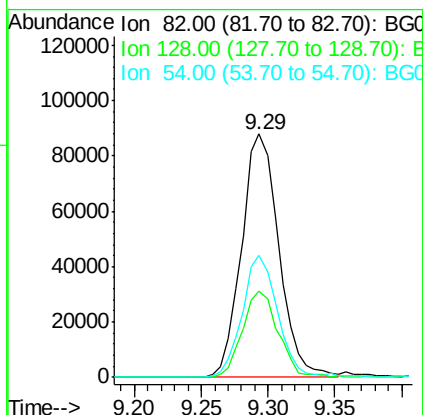
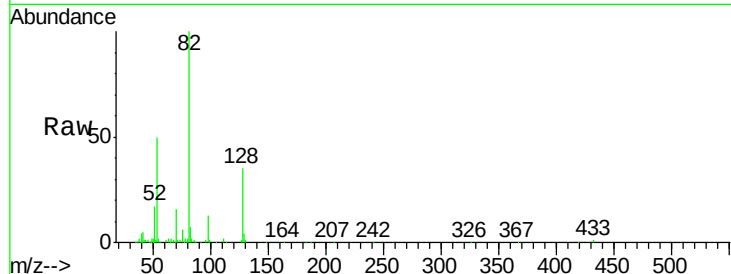




#23
Nitrobenzene-d5
Concen: 17.91 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023440.D
Acq: 4 Aug 2016 00:42

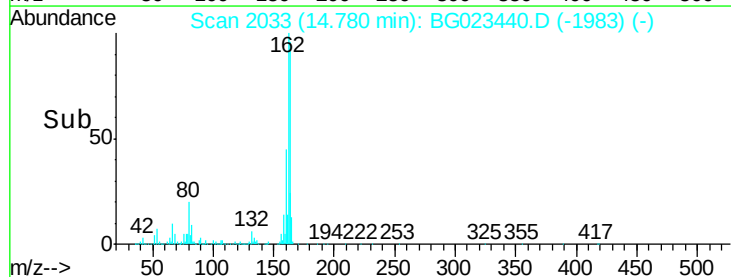
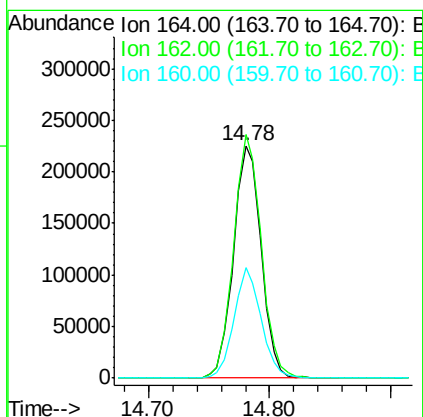
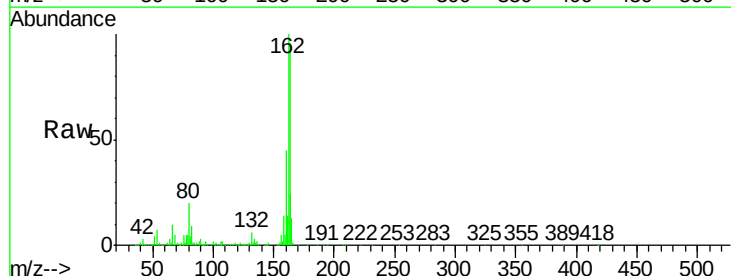
Instrument :
BNA_G
ClientSampleId :
KMW-4RE

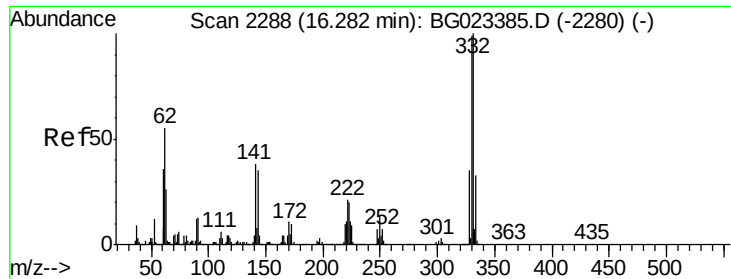
Tot Ion	82	Resp	170066
Ion Ratio	Lower	Upper	
82	100		
128	35.2	24.4	36.6
54	49.9	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023440.D
Acq: 4 Aug 2016 00:42

Tgt Ion	164	Resp	359589
Ion Ratio	Lower	Upper	
164	100		
162	104.7	87.7	131.5
160	47.5	37.2	55.8

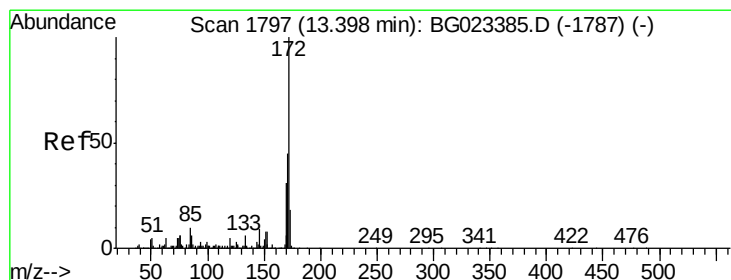
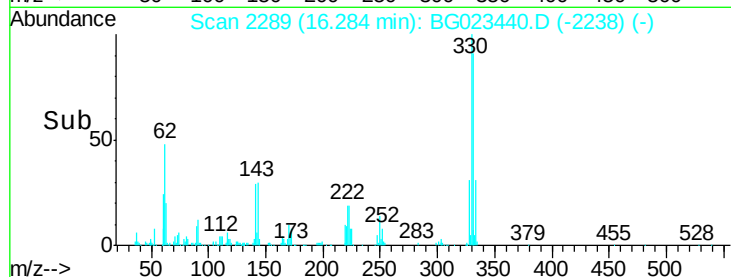
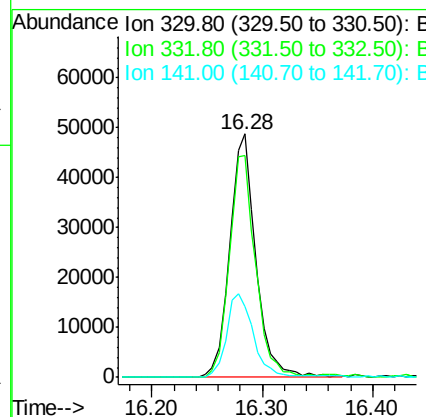
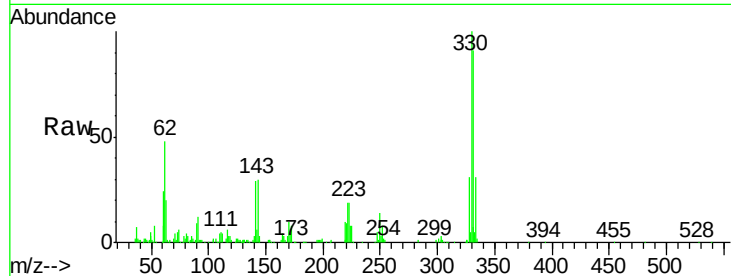




#41
2,4,6-Tribromophenol
Concen: 15.38 ng
RT: 16.28 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG023440.D
Acq: 4 Aug 2016 00:42

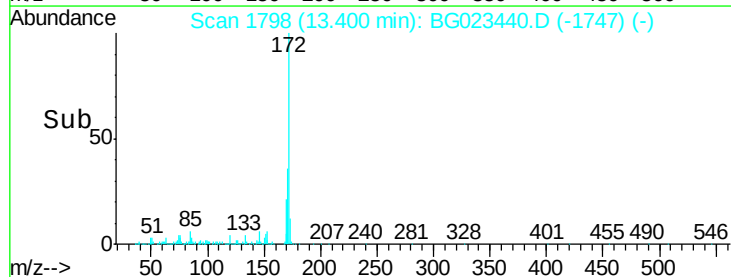
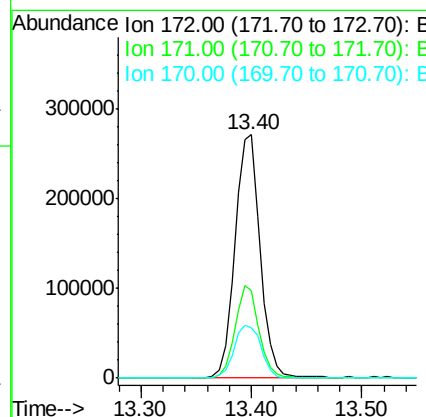
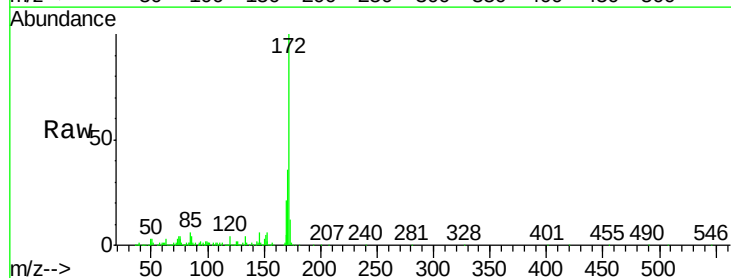
Instrument :
BNA_G
ClientSampleId :
KMW-4RE

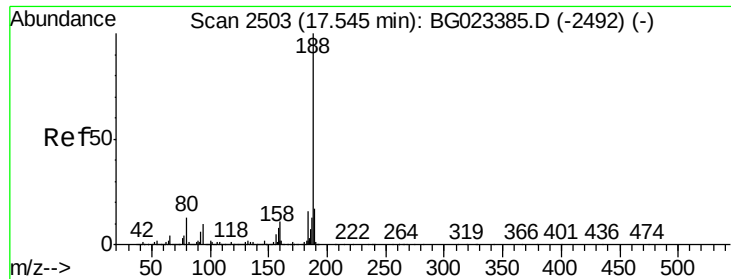
Tot Ion:330 Resp: 80883
Ion Ratio Lower Upper
330 100
332 91.2 77.4 116.2
141 35.0 31.7 47.5



#44
2-Fluorobiphenyl
Concen: 20.38 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023440.D
Acq: 4 Aug 2016 00:42

Tgt Ion:172 Resp: 434439
Ion Ratio Lower Upper
172 100
171 35.9 31.6 47.4
170 20.6 21.3 31.9#

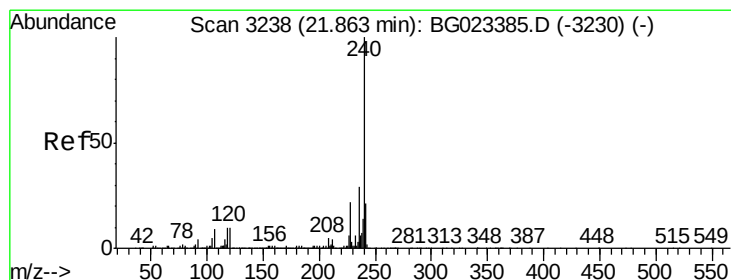
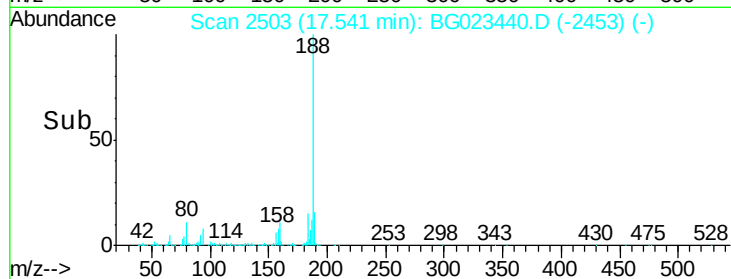
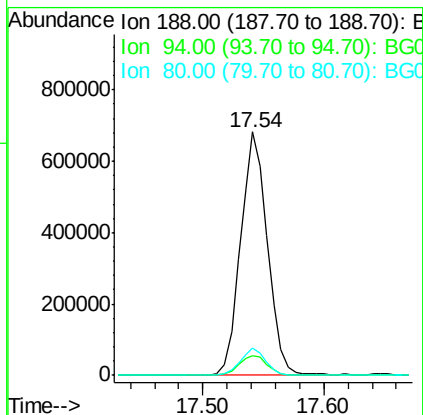
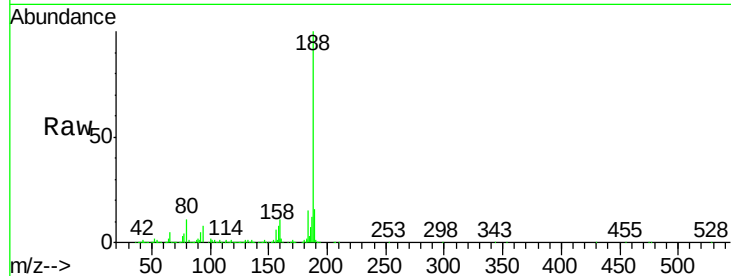




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023440.D
Acq: 4 Aug 2016 00:42

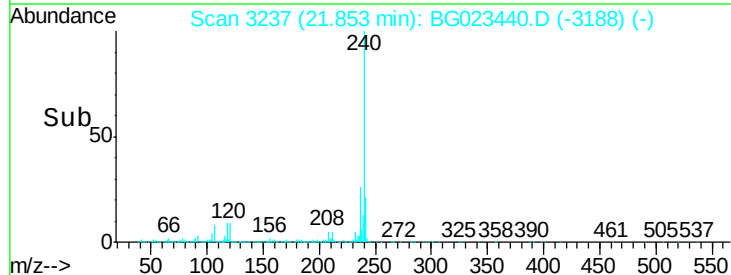
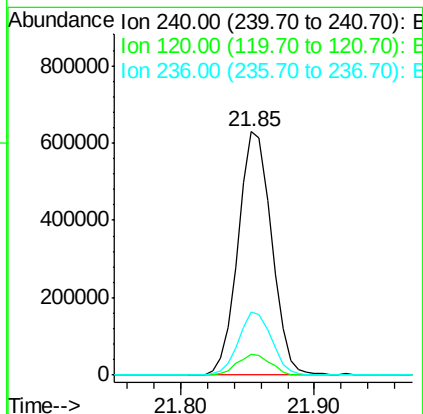
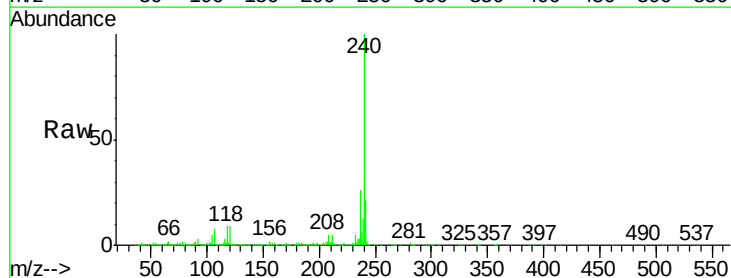
Instrument :
BNA_G
ClientSampleId :
KMW-4RE

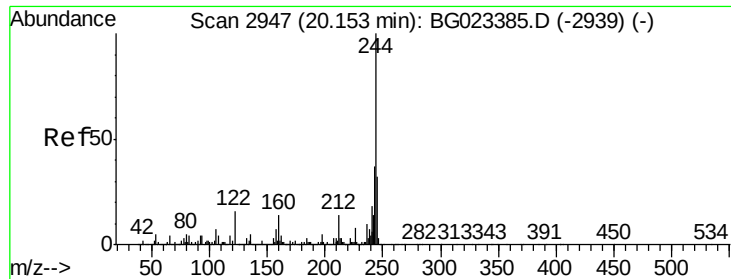
Tot Ion:188 Resp: 1052429
Ion Ratio Lower Upper
188 100
94 7.9 5.2 7.8#
80 11.3 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG023440.D
Acq: 4 Aug 2016 00:42

Tgt Ion:240 Resp: 1091400
Ion Ratio Lower Upper
240 100
120 8.6 4.1 6.1#
236 25.8 21.1 31.7





#78

Terphenyl-d14

Concen: 10.54 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023440.D

Acq: 4 Aug 2016 00:42

Instrument :

BNA_G

ClientSampleId :

KMW-4RE

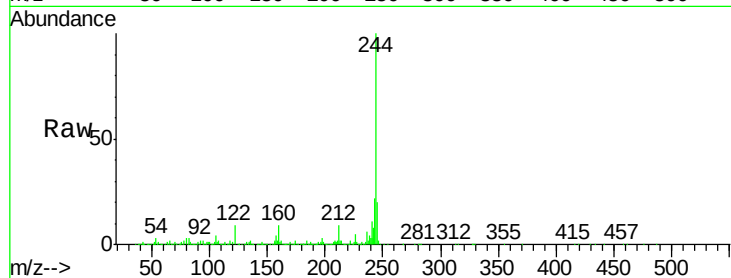
Tot Ion:244 Resp: 952488

Ion Ratio Lower Upper

244 100

212 8.5 10.8 16.2#

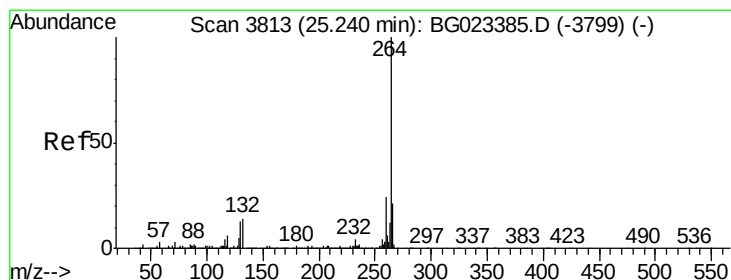
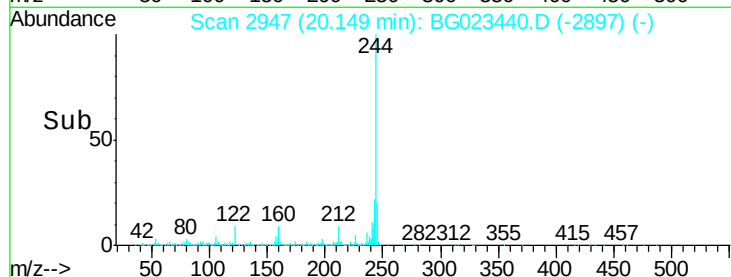
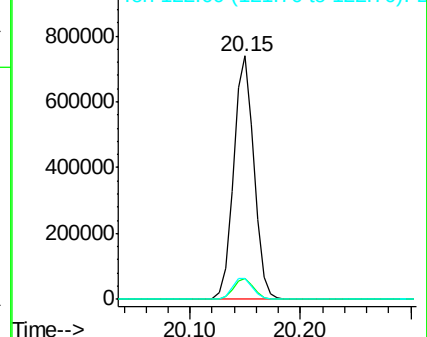
122 8.7 8.0 12.0



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: 25.24 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BG023440.D

Acq: 4 Aug 2016 00:42

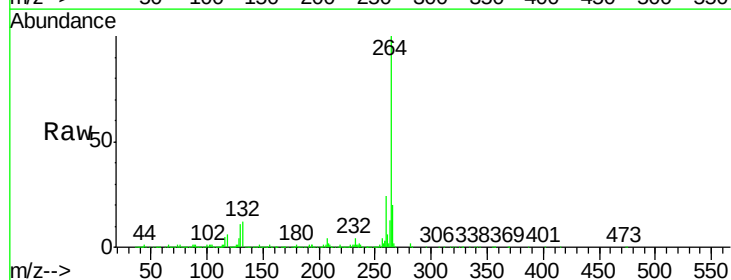
Tgt Ion:264 Resp: 1034267

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 20.2 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

