

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
 Data File : BG023407.D
 Acq On : 2 Aug 2016 22:21
 Operator : UM/SJ
 Sample : H4270-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KMW-4

Quant Time: Aug 03 03:30:30 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	127144	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	574244	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	442212	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1068927	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1010275	20.00	ng	0.00
86) Perylene-d12	25.24	264	1042045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	175144	23.19	ng	0.00
7) Phenol-d6	7.28	99	324550	27.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	211057	18.27	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	92949	14.37	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	541064	20.64	ng	0.00
78) Terphenyl-d14	20.15	244	823697	8.22	ng	0.00

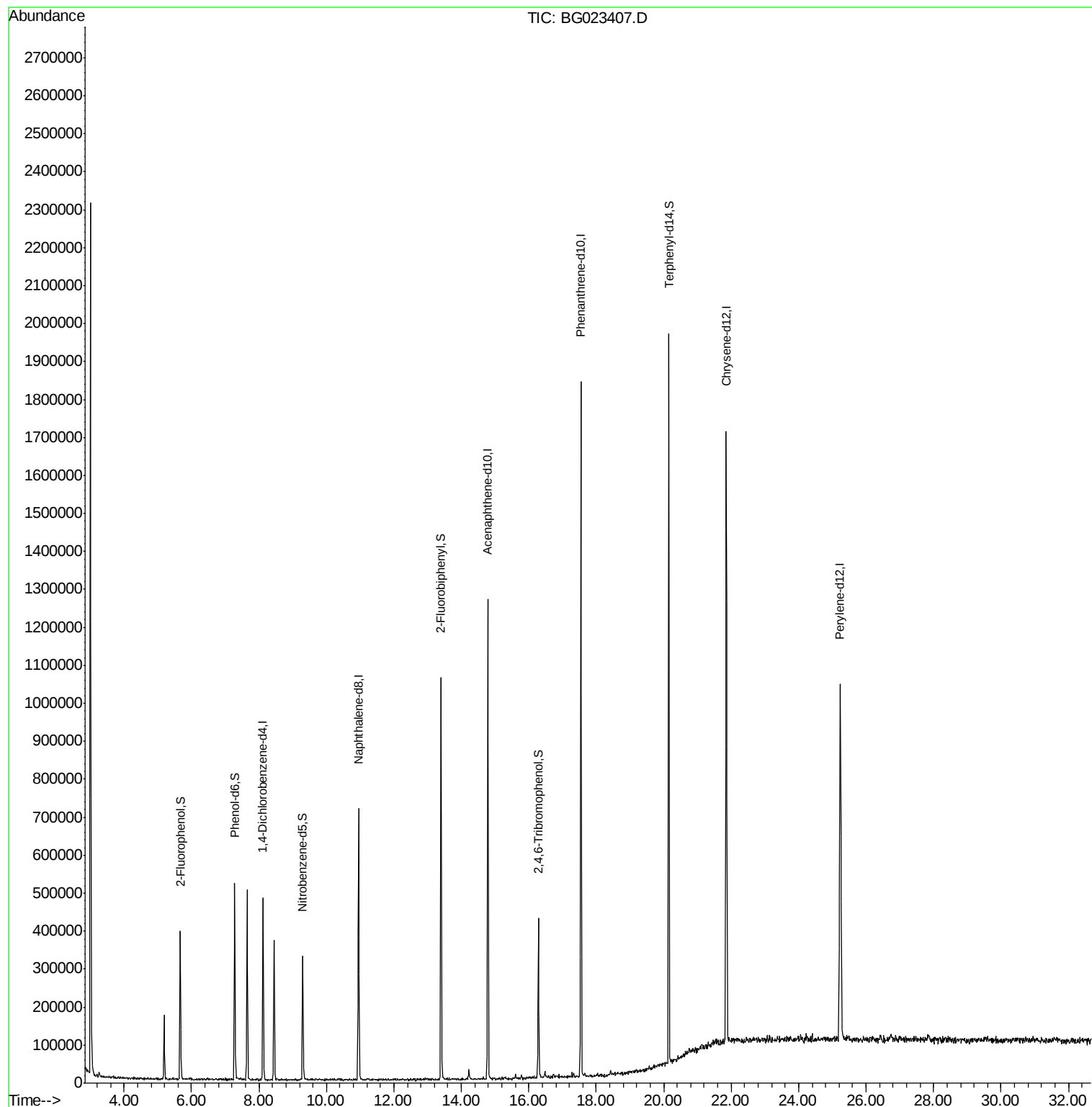
Target Compounds Qvalue

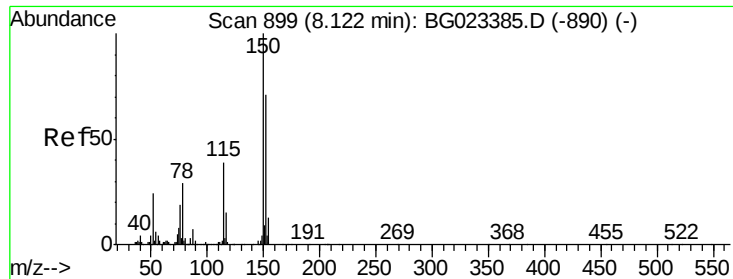
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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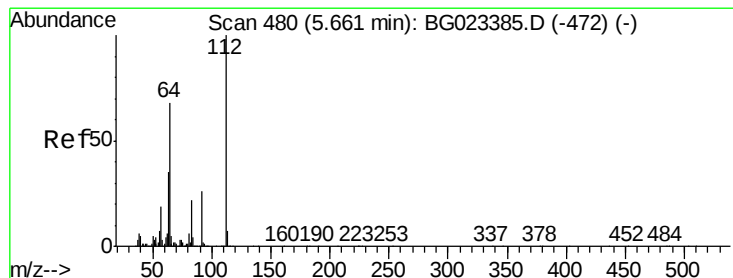
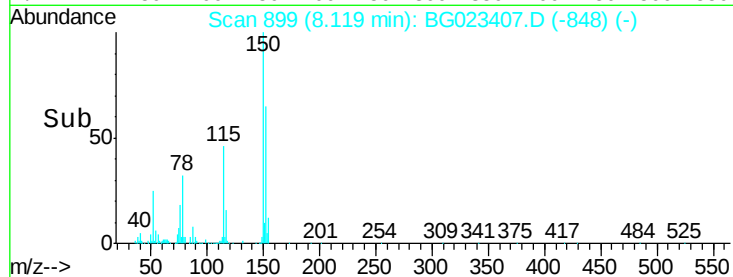
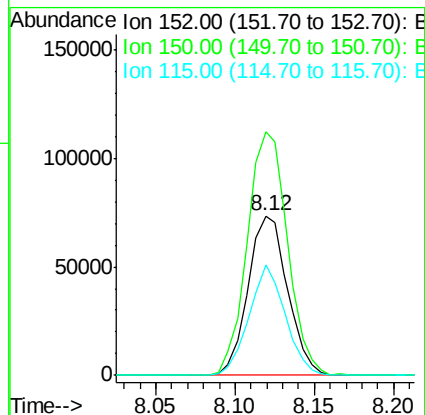
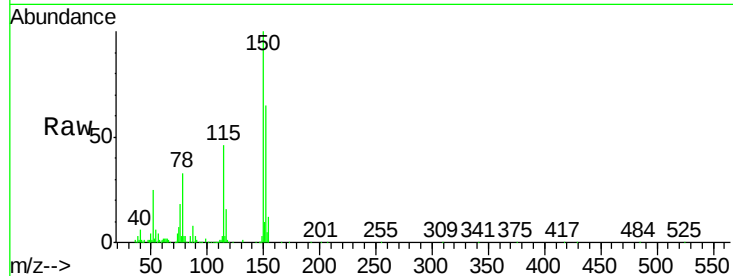


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG023407.D
Acq: 2 Aug 2016 22:21

Instrument :
BNA_G
ClientSampleId :
KMW-4

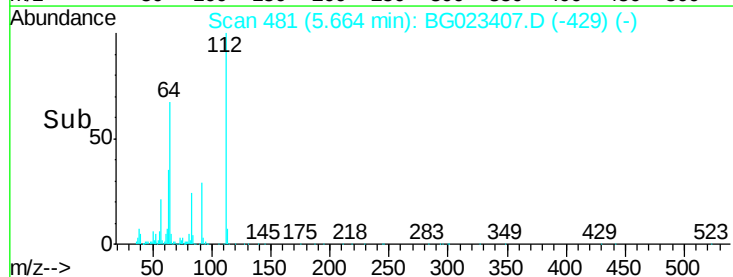
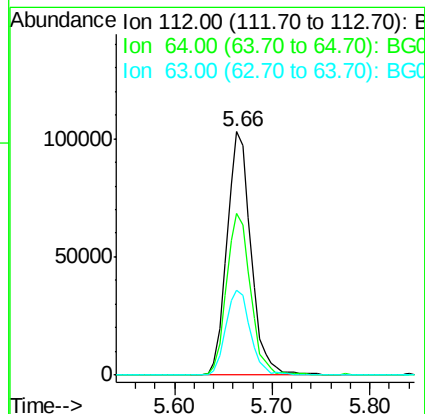
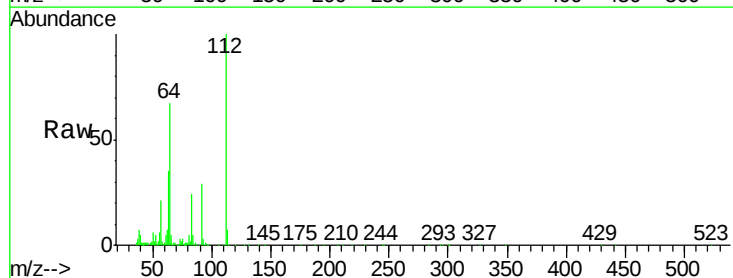
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	144.7	217.1
115	69.6	64.0	96.0

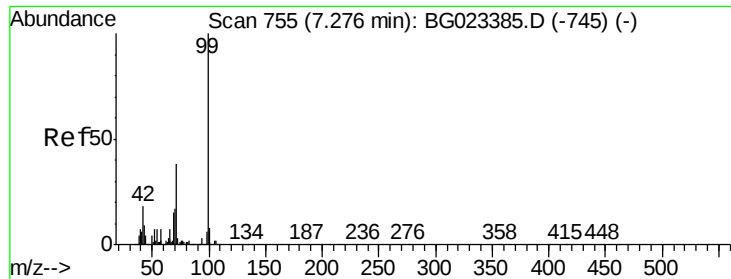


#5

2-Fluorophenol
Concen: 23.19 ng
RT: 5.66 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG023407.D
Acq: 2 Aug 2016 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	59.0	88.4
63	35.0	37.8	56.8#





#7

Phenol-d6

Concen: 27.59 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023407.D

Acq: 2 Aug 2016 22:21

Instrument :

BNA_G

ClientSampleId :

KMW-4

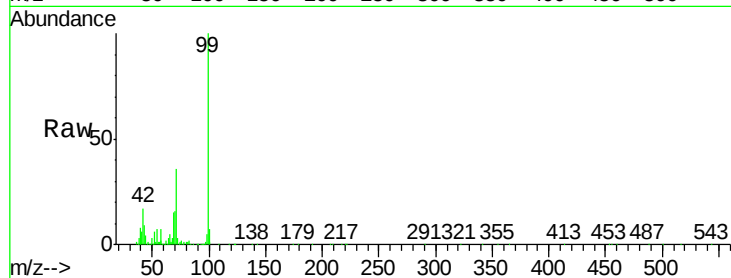
Tot Ion: 99 Resp: 324550

Ion Ratio Lower Upper

99 100

42 16.5 17.8 26.6#

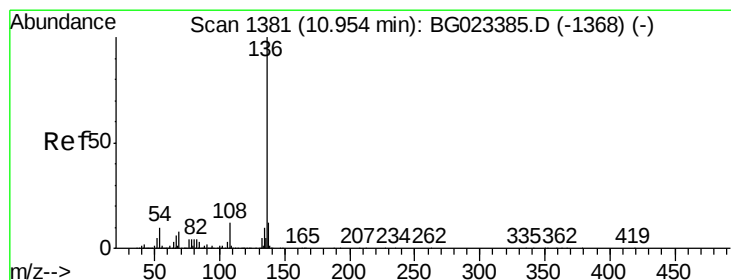
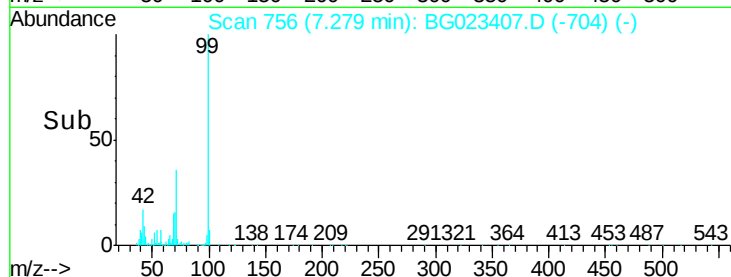
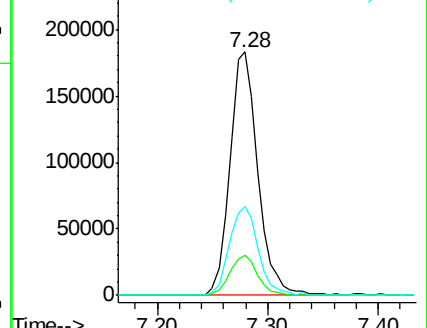
71 36.5 41.5 62.3#



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: BG023407.D

Acq: 2 Aug 2016 22:21

Tgt Ion: 136 Resp: 574244

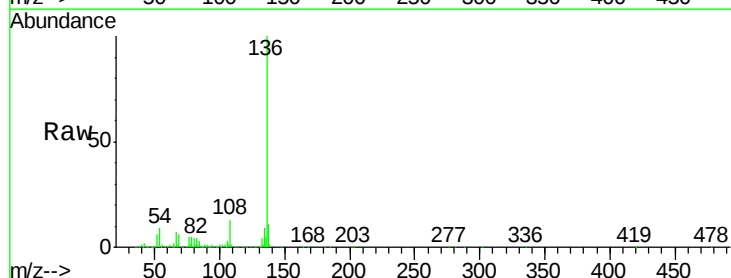
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 9.3 7.3 10.9

68 6.5 5.3 7.9

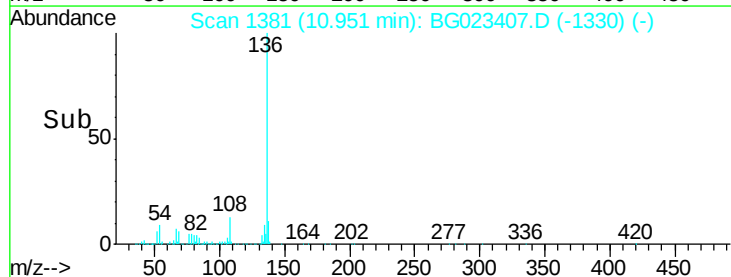
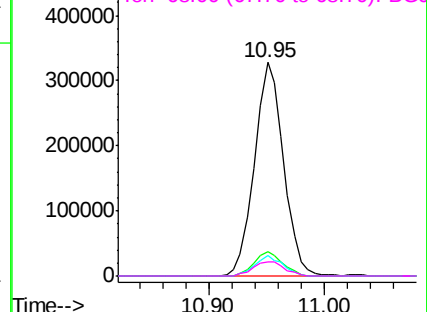


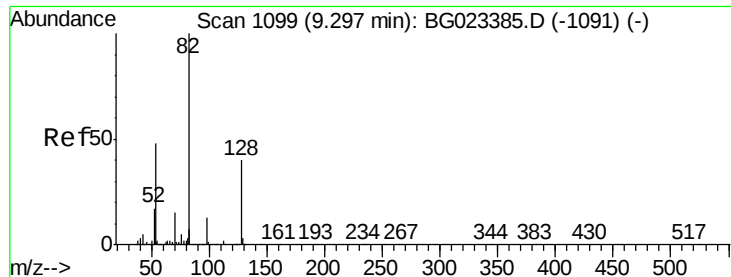
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

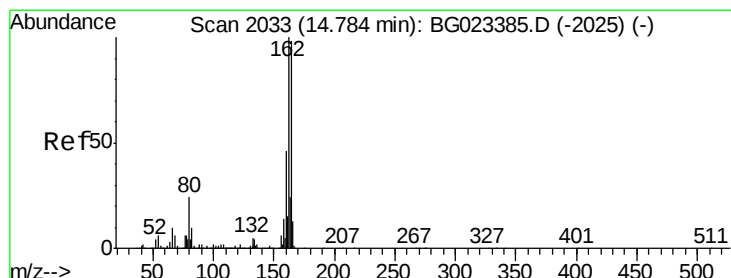
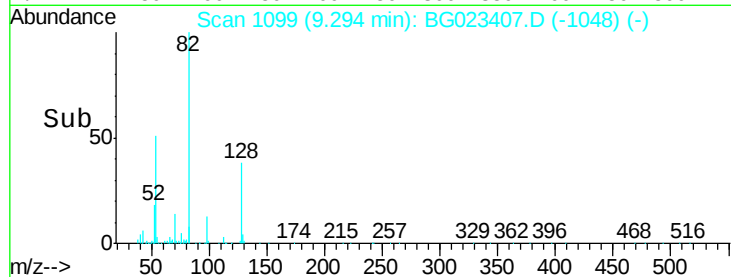
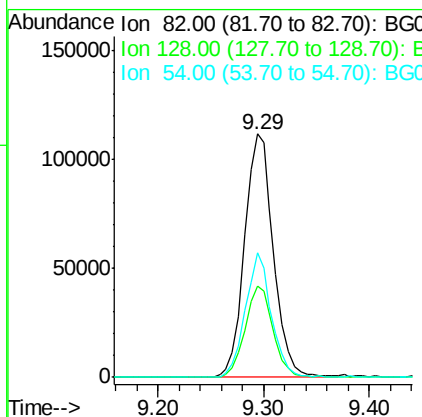
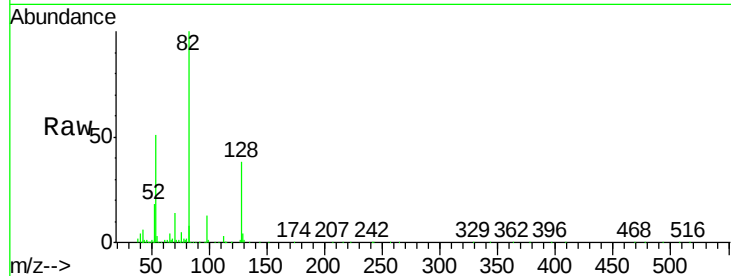




#23
 Nitrobenzene-d5
 Concen: 18.27 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023407.D
 Acq: 2 Aug 2016 22:21

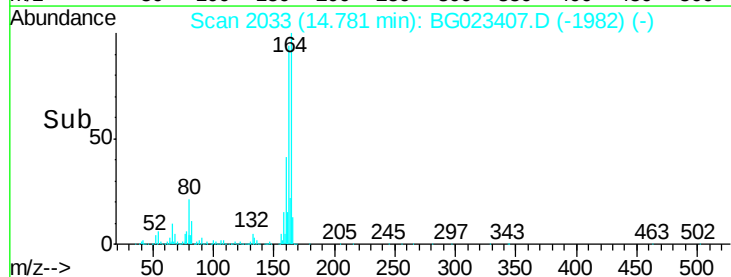
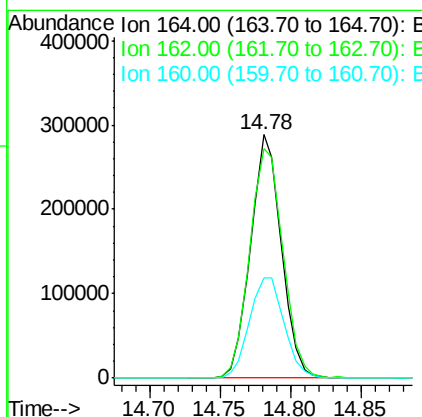
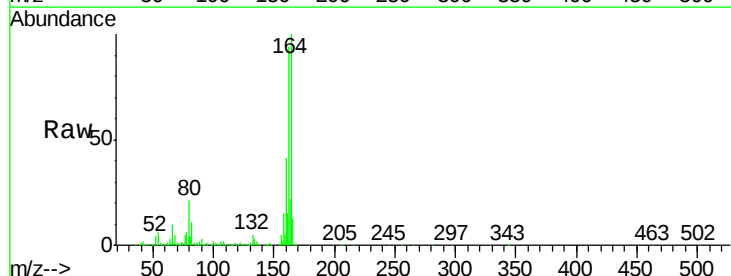
Instrument :
 BNA_G
 ClientSampled :
 KMW-4

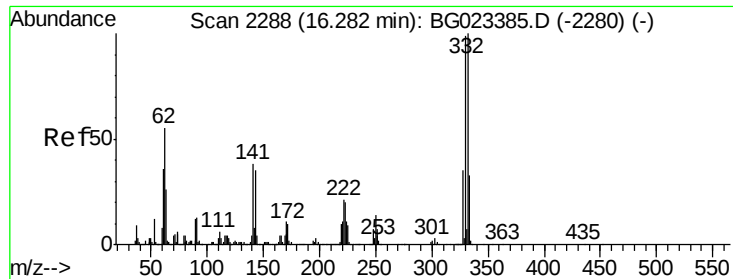
Tot Ion	82	Resp	211057
Ion Ratio	Lower	Upper	
82	100		
128	37.5	24.4	36.6#
54	51.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023407.D
 Acq: 2 Aug 2016 22:21

Tgt Ion	164	Resp	442212
Ion Ratio	Lower	Upper	
164	100		
162	94.5	87.7	131.5
160	41.0	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 14.37 ng

RT: 16.28 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG023407.D

Acq: 2 Aug 2016 22:21

Instrument :

BNA_G

ClientSampleId :

KMW-4

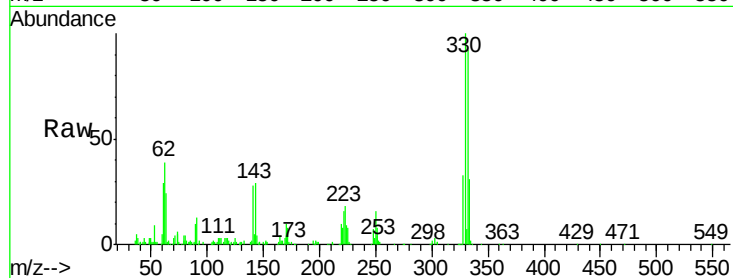
Tot Ion:330 Resp: 92949

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

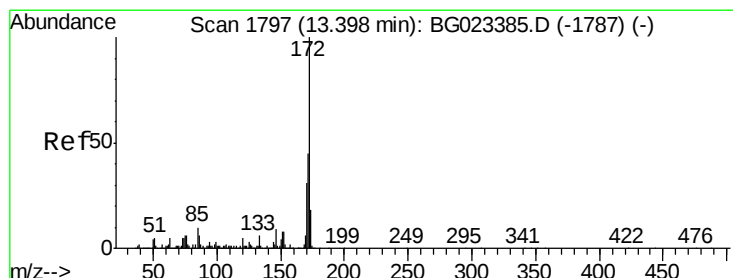
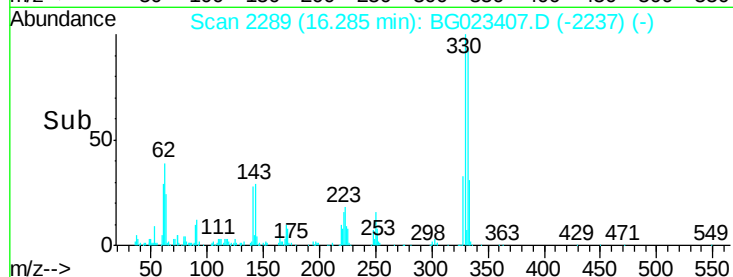
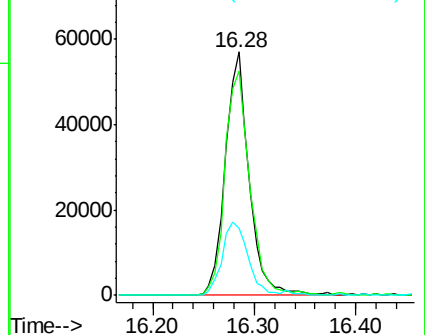
141 32.4 31.7 47.5



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: 20.64 ng

RT: 13.39 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BG023407.D

Acq: 2 Aug 2016 22:21

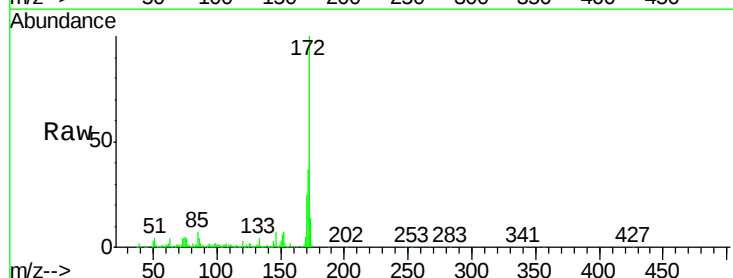
Tgt Ion:172 Resp: 541064

Ion Ratio Lower Upper

172 100

171 36.7 31.6 47.4

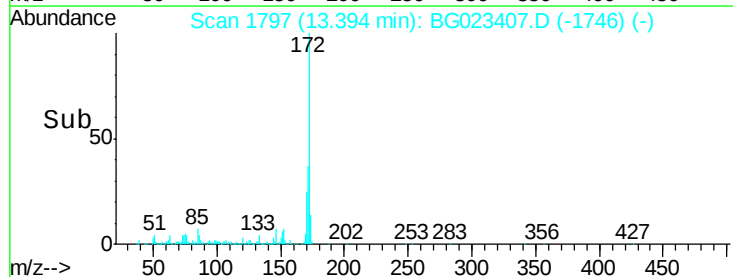
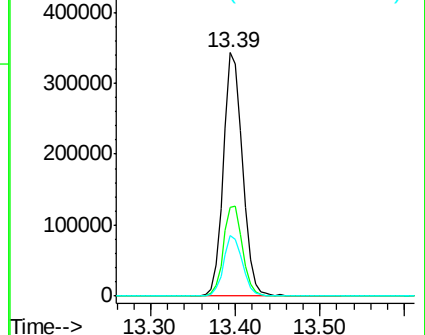
170 24.9 21.3 31.9

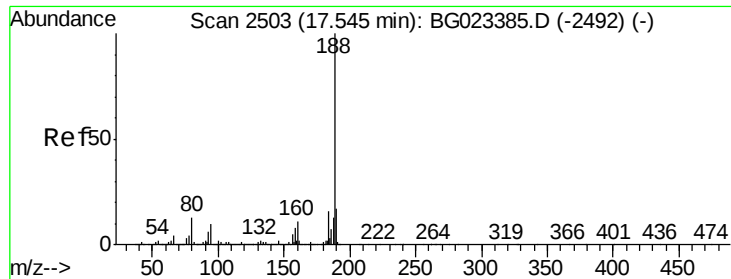


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

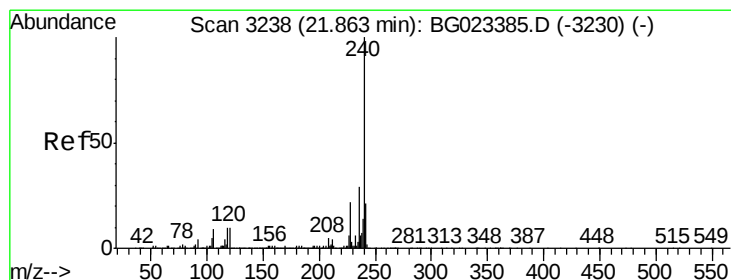
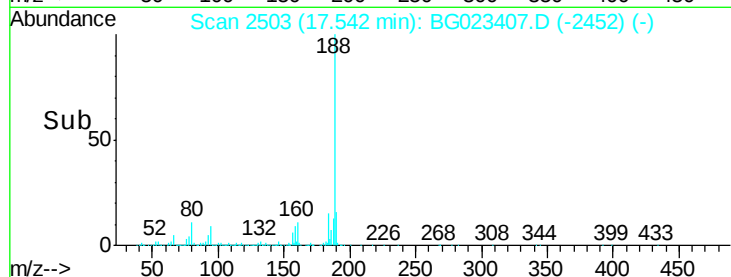
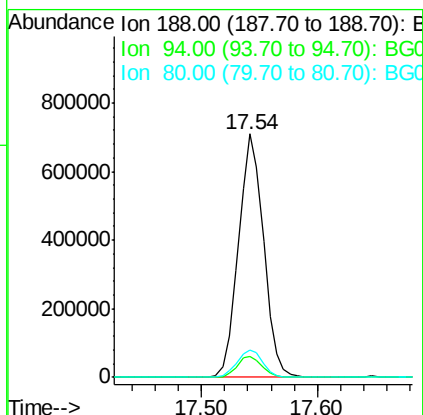
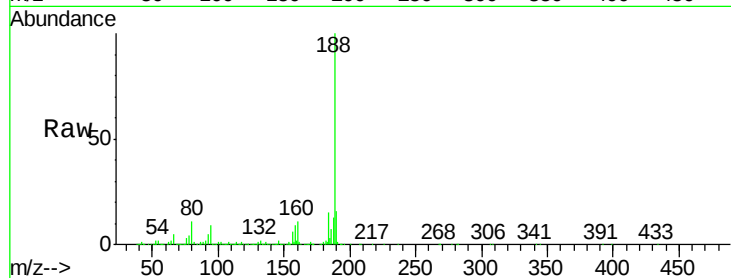




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023407.D
Acq: 2 Aug 2016 22:21

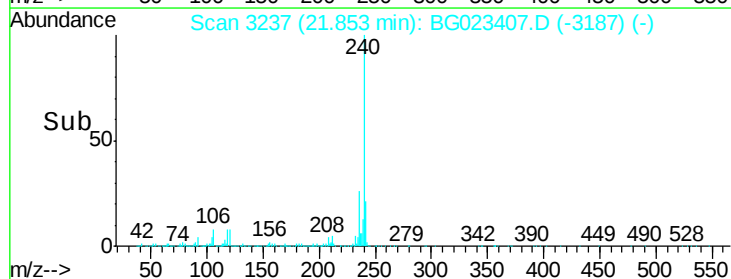
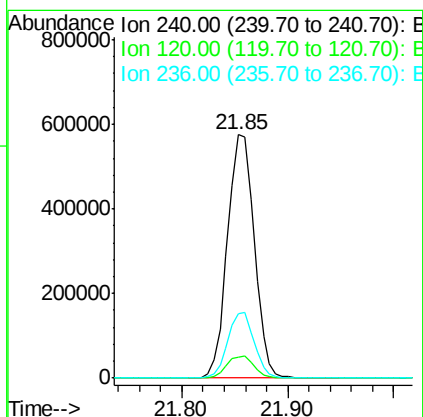
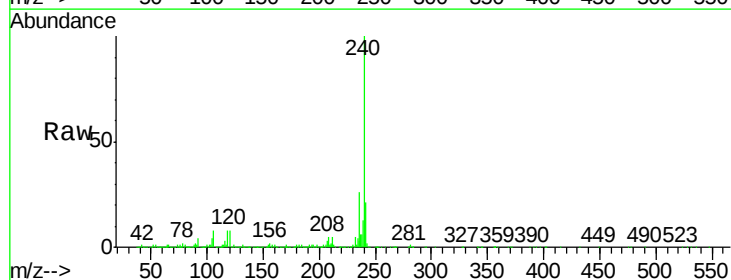
Instrument :
BNA_G
ClientSampleId :
KMW-4

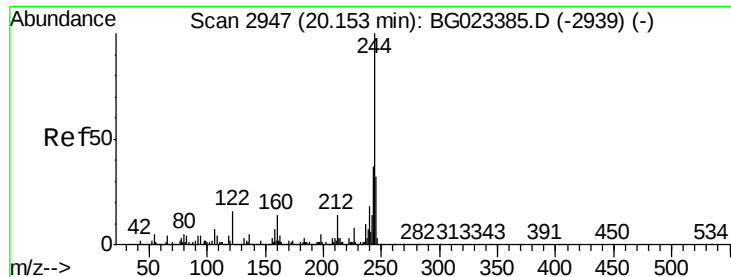
Tot Ion:188 Resp: 1068927
Ion Ratio Lower Upper
188 100
94 8.6 5.2 7.8#
80 11.3 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG023407.D
Acq: 2 Aug 2016 22:21

Tgt Ion:240 Resp: 1010275
Ion Ratio Lower Upper
240 100
120 8.4 4.1 6.1#
236 26.3 21.1 31.7





#78

Terphenyl-d14

Concen: 8.22 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023407.D

Acq: 2 Aug 2016 22:21

Instrument :

BNA_G

ClientSampleId :

KMW-4

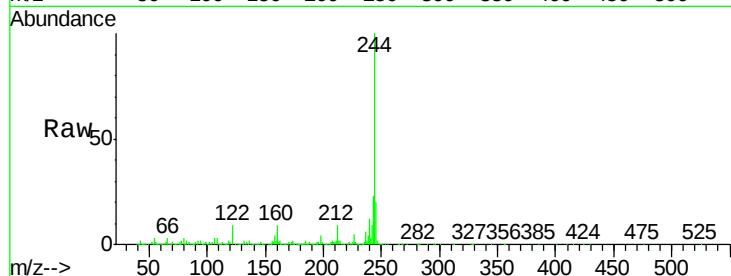
Tot Ion:244 Resp: 823697

Ion Ratio Lower Upper

244 100

212 9.0 10.8 16.2#

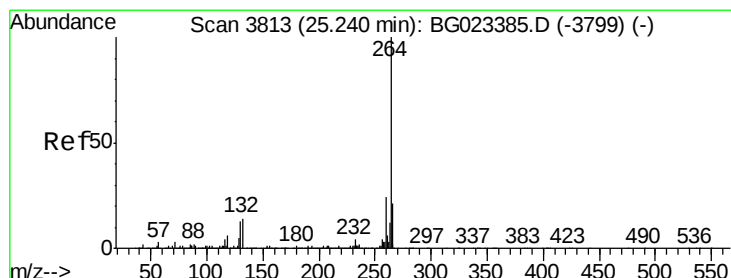
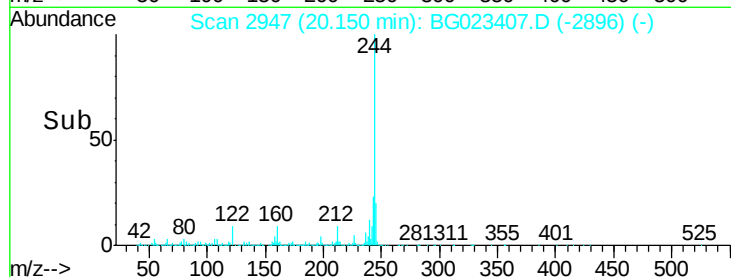
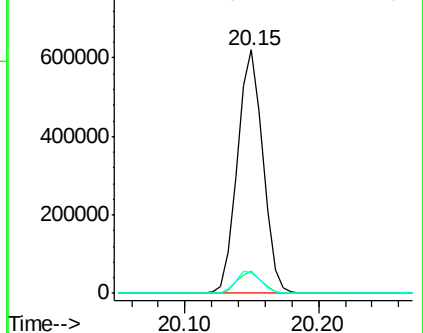
122 8.8 8.0 12.0



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: BG023407.D

Acq: 2 Aug 2016 22:21

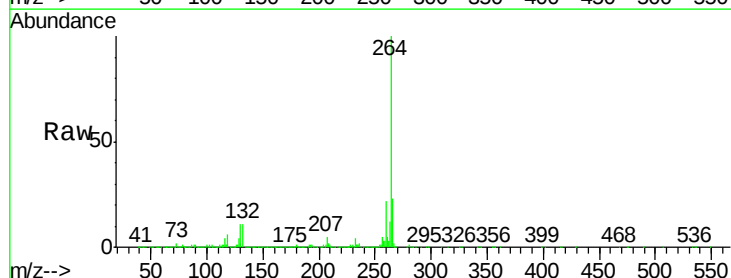
Tgt Ion:264 Resp: 1042045

Ion Ratio Lower Upper

264 100

260 21.7 18.4 27.6

265 23.3 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

