

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
 Data File : BG025404.D
 Acq On : 29 Dec 2016 14:52
 Operator : UM/SJ
 Sample : H6226-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-02-122116

Quant Time: Dec 30 00:44:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	63289	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	245208	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	204088	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	472790	20.00	ng	0.00
75) Chrysene-d12	21.87	240	679469	20.00	ng	0.00
86) Perylene-d12	25.28	264	715509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	505581	145.20	ng	0.00
7) Phenol-d6	7.37	99	672709	137.18	ng	0.00
23) Nitrobenzene-d5	9.39	82	587805	105.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	437958	133.29	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1275151	101.15	ng	0.00
78) Terphenyl-d14	20.16	244	2459991	95.99	ng	0.00

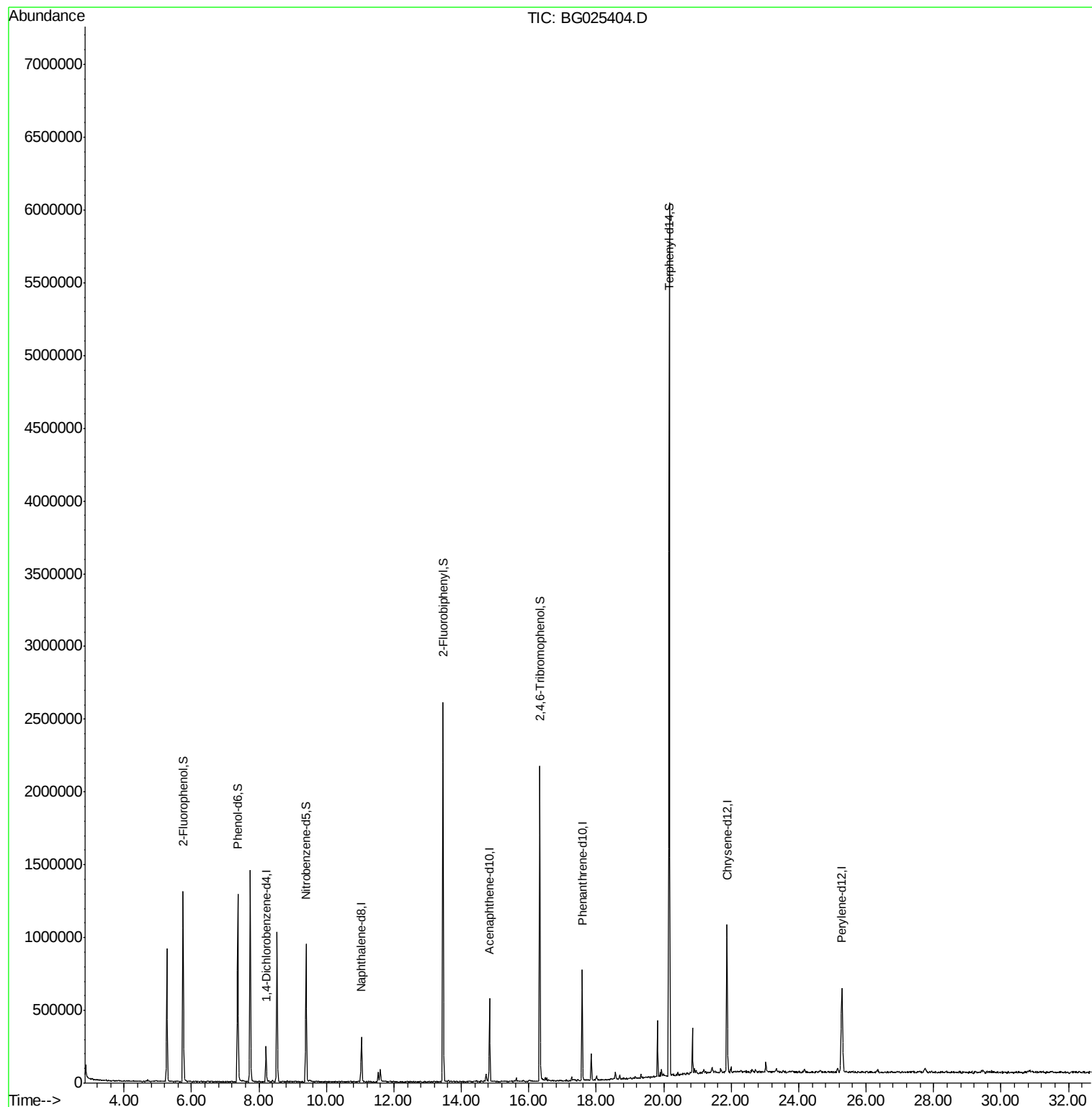
Target Compounds Qvalue

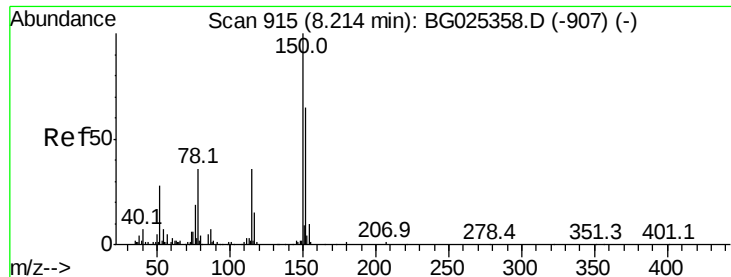
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025404.D

Acq: 29 Dec 2016 14:52

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

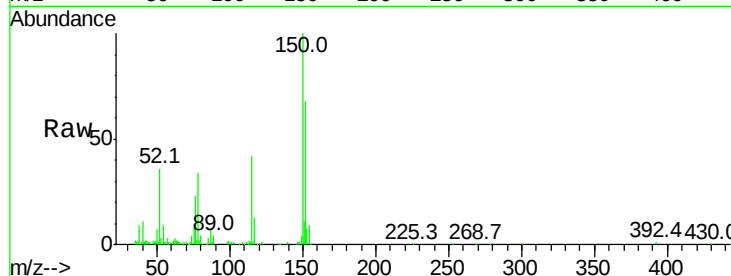
Tot Ion:152 Resp: 63289

Ion Ratio Lower Upper

152 100

150 147.1 114.0 171.0

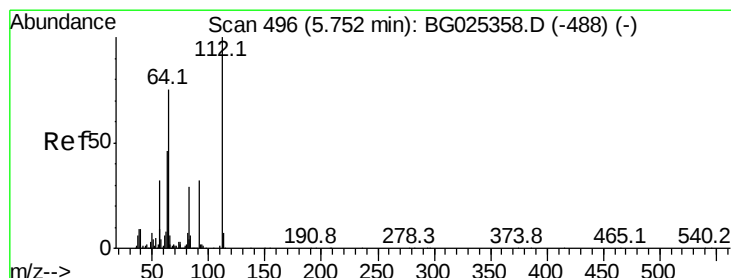
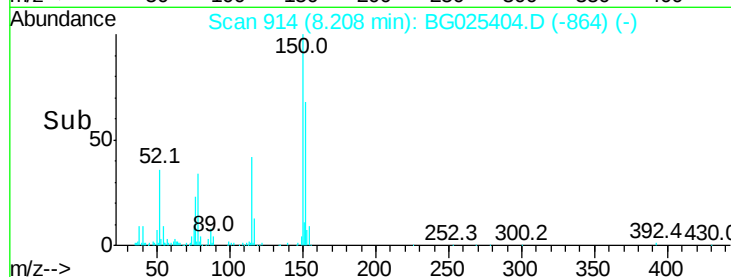
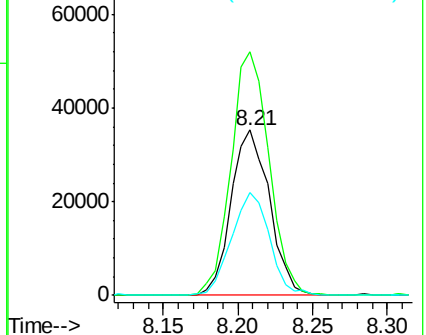
115 62.3 48.1 72.1



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: 145.20 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: BG025404.D

Acq: 29 Dec 2016 14:52

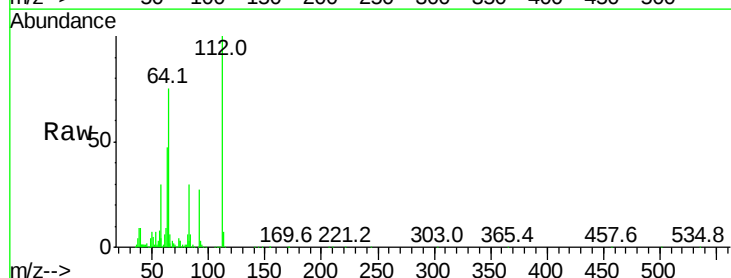
Tgt Ion:112 Resp: 505581

Ion Ratio Lower Upper

112 100

64 74.8 61.8 92.6

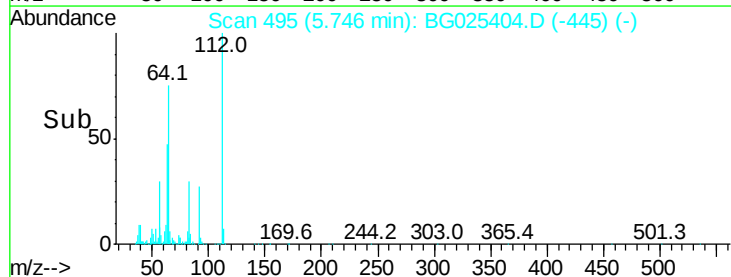
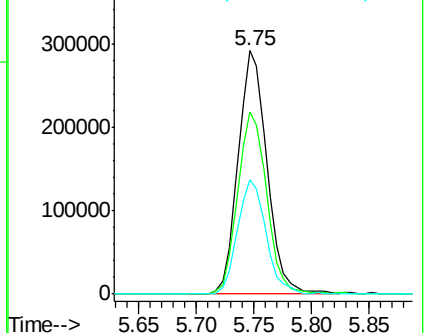
63 46.9 37.2 55.8

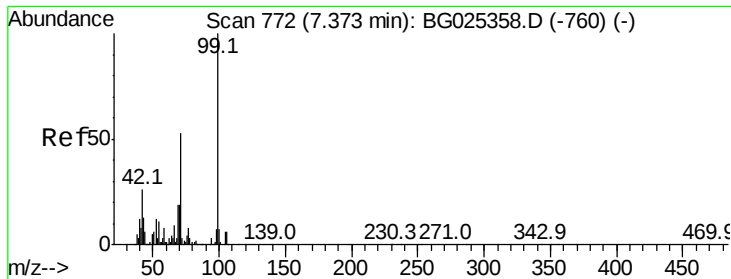


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.18 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025404.D

Acq: 29 Dec 2016 14:52

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

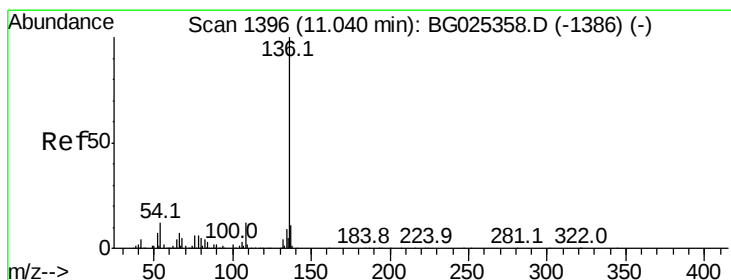
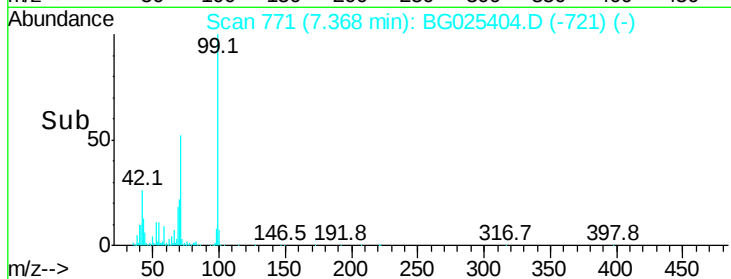
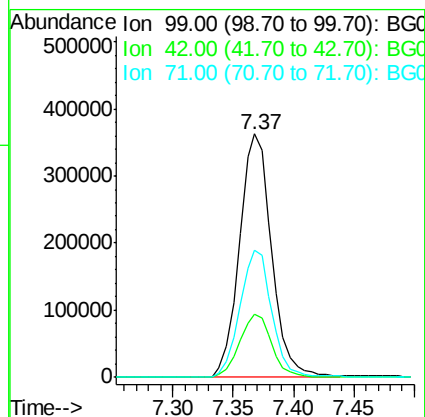
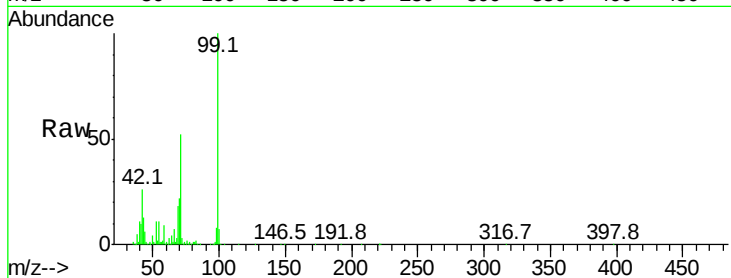
Tot Ion: 99 Resp: 672709

Ion Ratio Lower Upper

99 100

42 26.1 20.5 30.7

71 52.1 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BG025404.D

Acq: 29 Dec 2016 14:52

Tgt Ion: 136 Resp: 245208

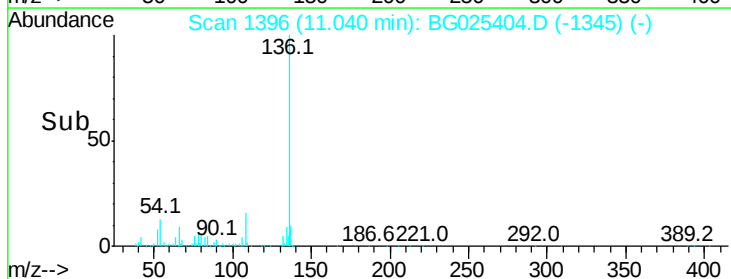
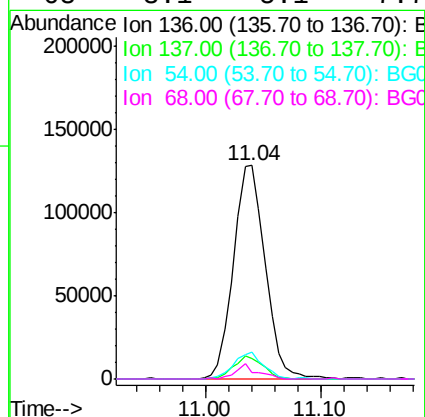
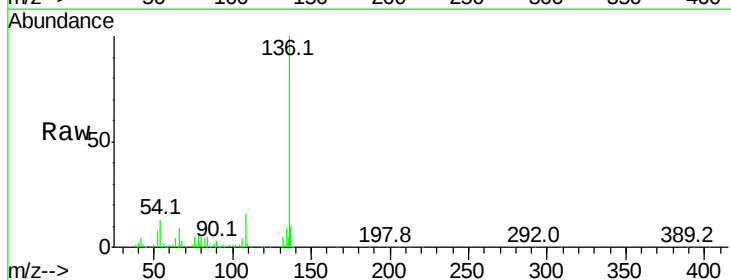
Ion Ratio Lower Upper

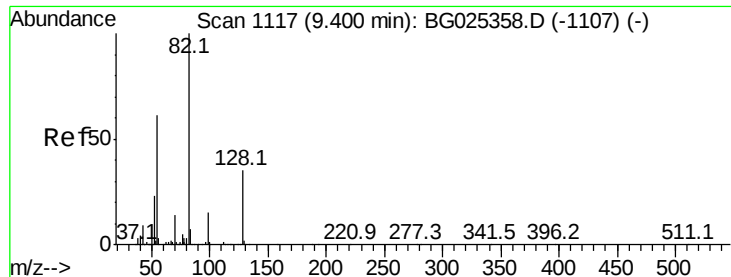
136 100

137 9.9 8.9 13.3

54 12.8 9.3 13.9

68 3.1 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 105.90 ng

RT: 9.39 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG025404.D

Acq: 29 Dec 2016 14:52

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

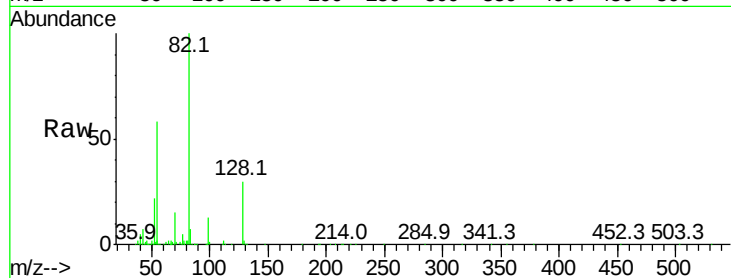
Tot Ion: 82 Resp: 587805

Ion Ratio Lower Upper

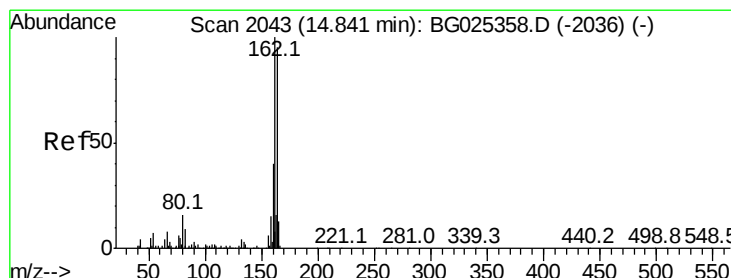
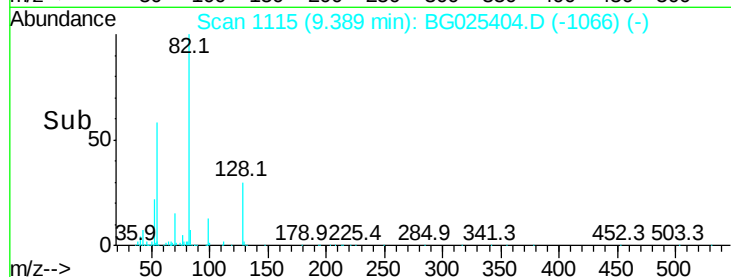
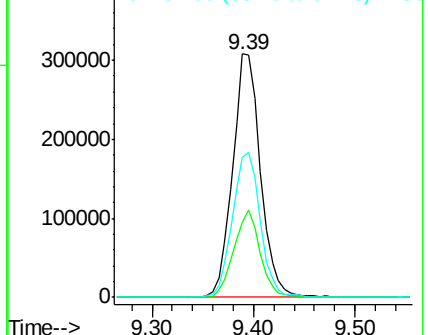
82 100

128 30.5 26.4 39.6

54 57.7 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025404.D

Acq: 29 Dec 2016 14:52

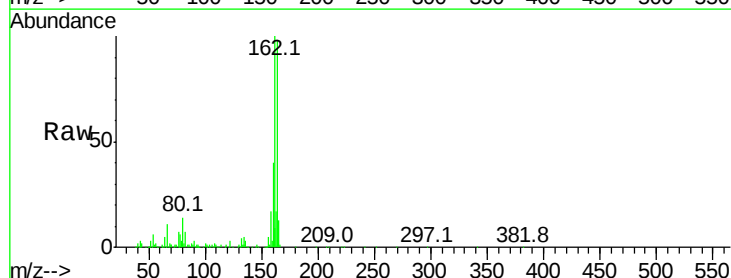
Tgt Ion: 164 Resp: 204088

Ion Ratio Lower Upper

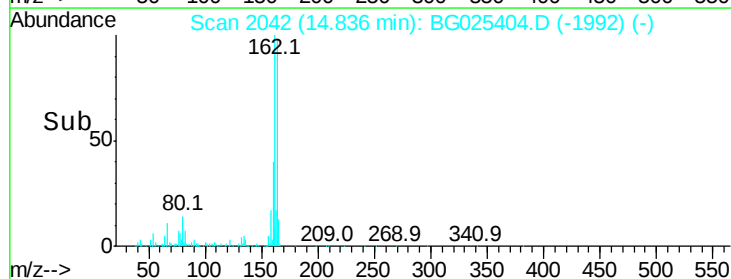
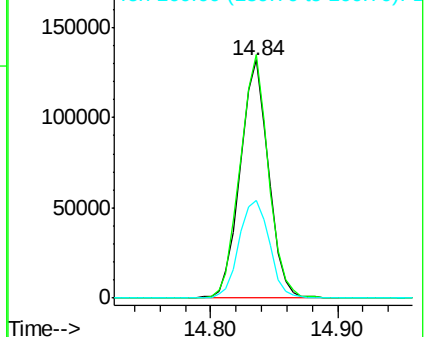
164 100

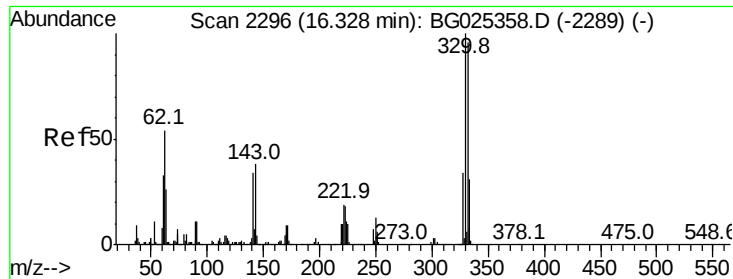
162 102.2 85.1 127.7

160 41.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

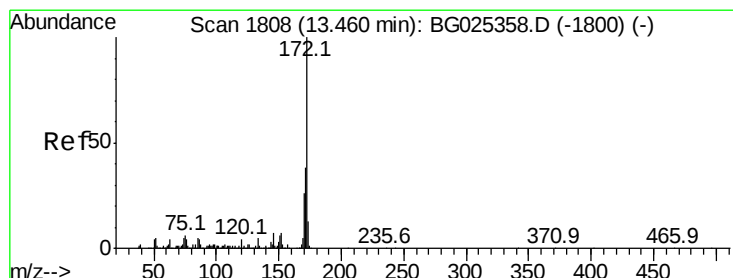
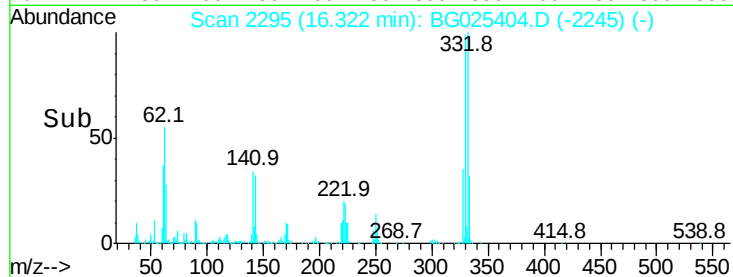
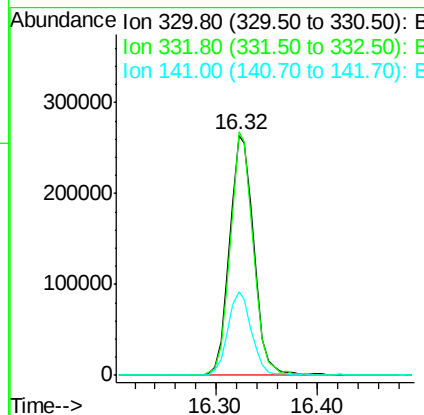
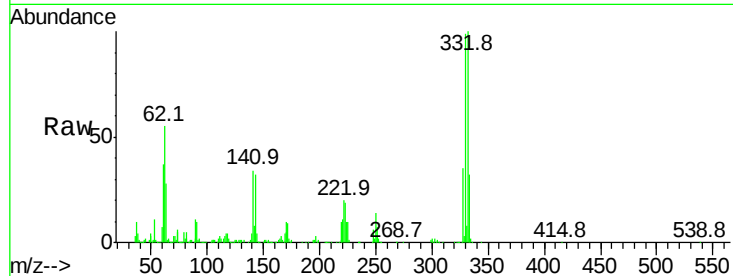




#41
2,4,6-Tribromophenol
Concen: 133.29 ng
RT: 16.32 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG025404.D
Acq: 29 Dec 2016 14:52

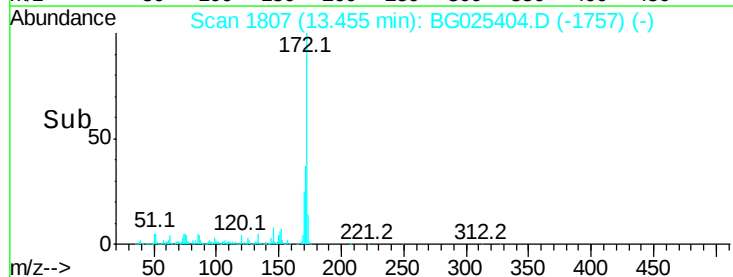
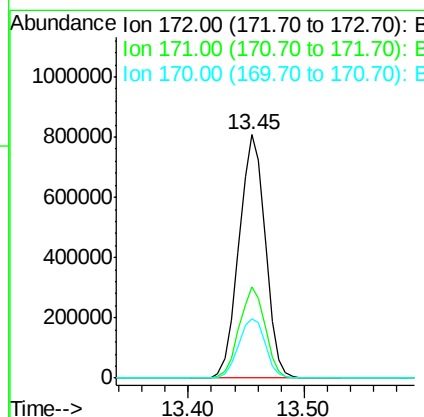
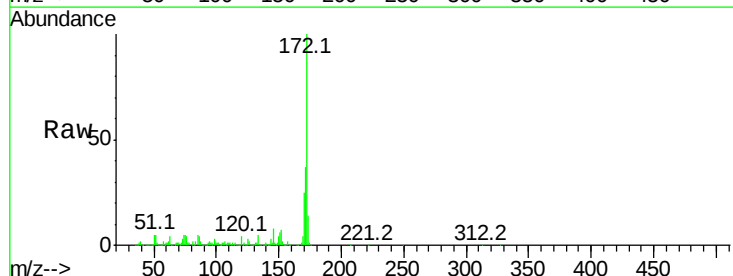
Instrument :
BNA_G
ClientSampleId :
IDW-02-122116

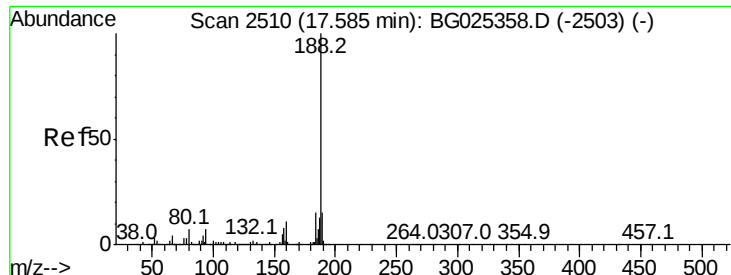
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	34.0	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 101.15 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG025404.D
Acq: 29 Dec 2016 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.5	21.8	32.6

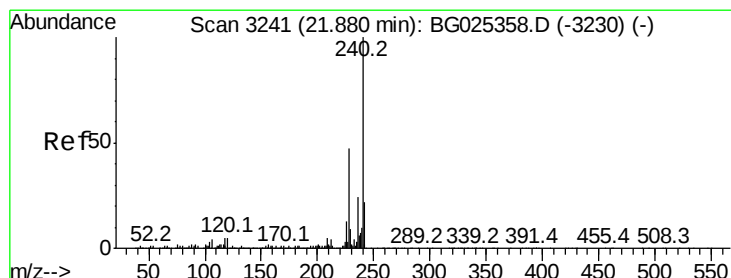
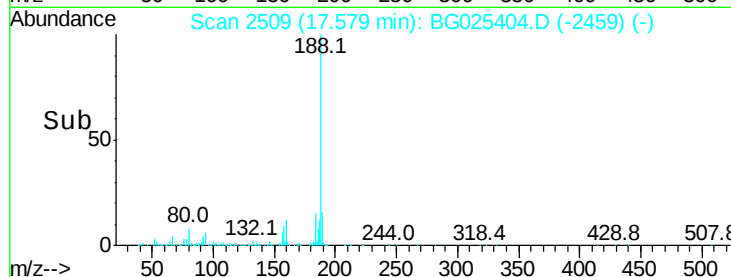
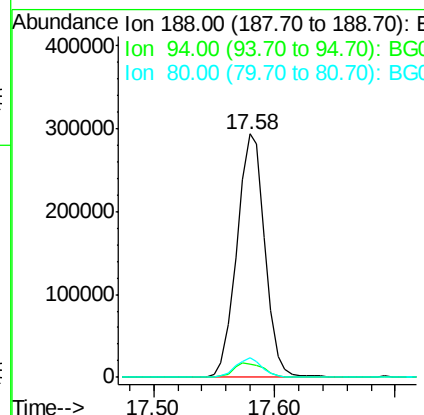
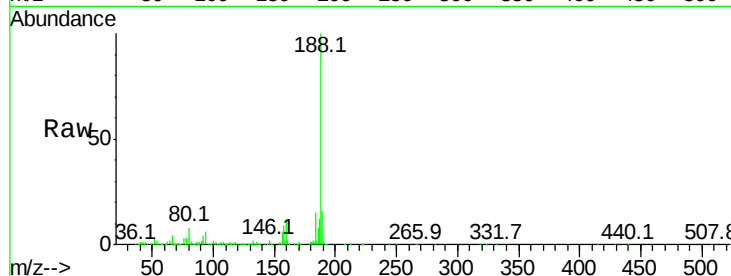




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025404.D
Acq: 29 Dec 2016 14:52

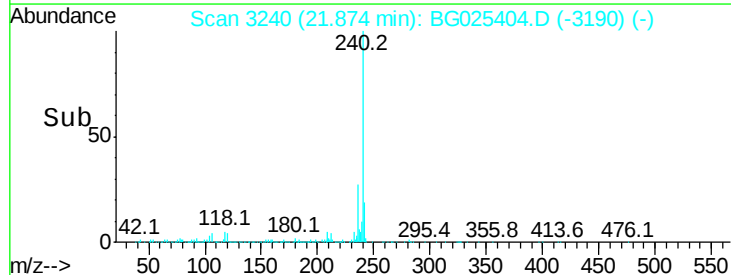
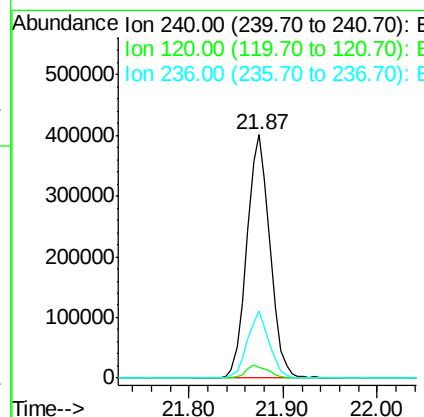
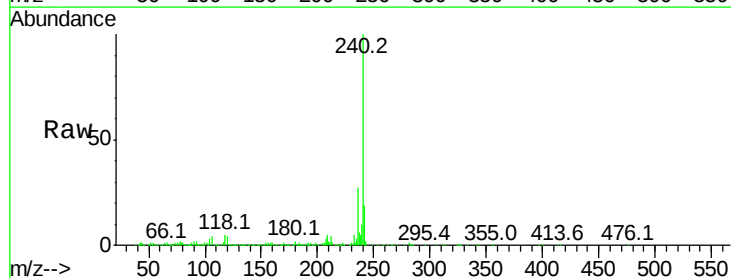
Instrument :
BNA_G
ClientSampleId :
IDW-02-122116

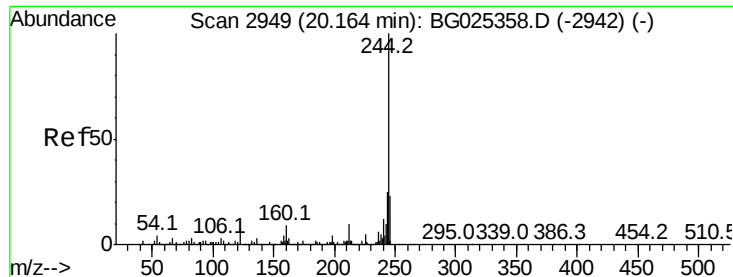
Tot Ion:188 Resp: 472790
Ion Ratio Lower Upper
188 100
94 5.6 5.8 8.8#
80 8.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025404.D
Acq: 29 Dec 2016 14:52

Tgt Ion:240 Resp: 679469
Ion Ratio Lower Upper
240 100
120 4.4 5.7 8.5#
236 27.4 22.2 33.4





#78

Terphenyl-d14

Concen: 95.99 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG025404.D

Acq: 29 Dec 2016 14:52

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

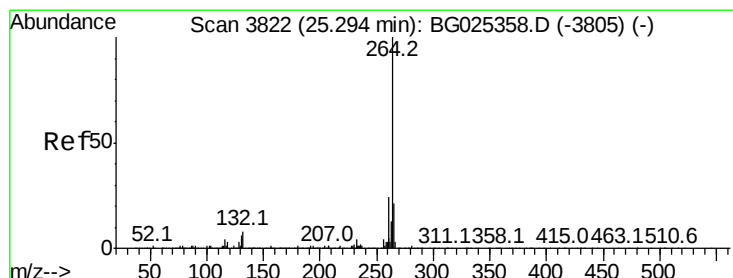
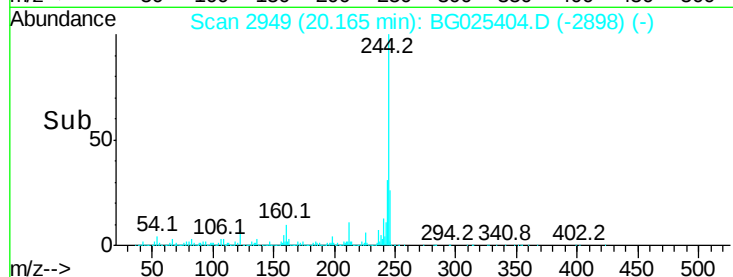
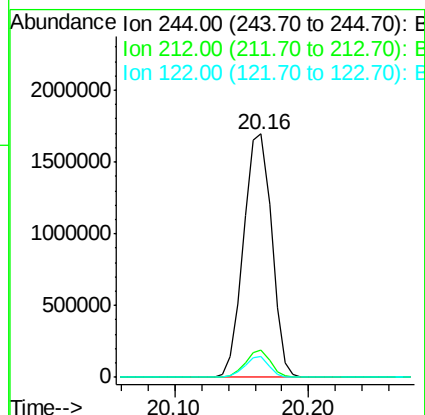
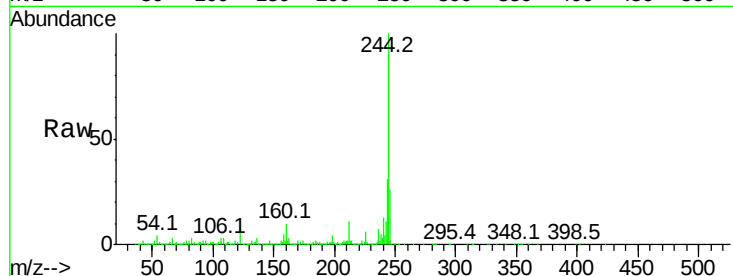
Tot Ion:244 Resp: 2459991

Ion Ratio Lower Upper

244 100

212 11.1 10.0 15.0

122 8.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025404.D

Acq: 29 Dec 2016 14:52

Tgt Ion:264 Resp: 715509

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 23.2 18.2 27.4

