

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
 Data File : BG025420.D
 Acq On : 30 Dec 2016 19:17
 Operator : UM/SJ
 Sample : H6314-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-01

Quant Time: Dec 30 23:14:27 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	8.20	152	52325	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	211974	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	167907	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	389520	20.00	ng	0.00
75) Chrysene-d12	21.87	240	597232	20.00	ng	0.00
86) Perylene-d12	25.28	264	639264	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	179165	62.24	ng	0.00
7) Phenol-d6	7.37	99	152417	37.59	ng	0.00
23) Nitrobenzene-d5	9.39	82	470785	98.11	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	417139	154.31	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1052138	101.45	ng	0.00
78) Terphenyl-d14	20.16	244	2071578	91.97	ng	0.00

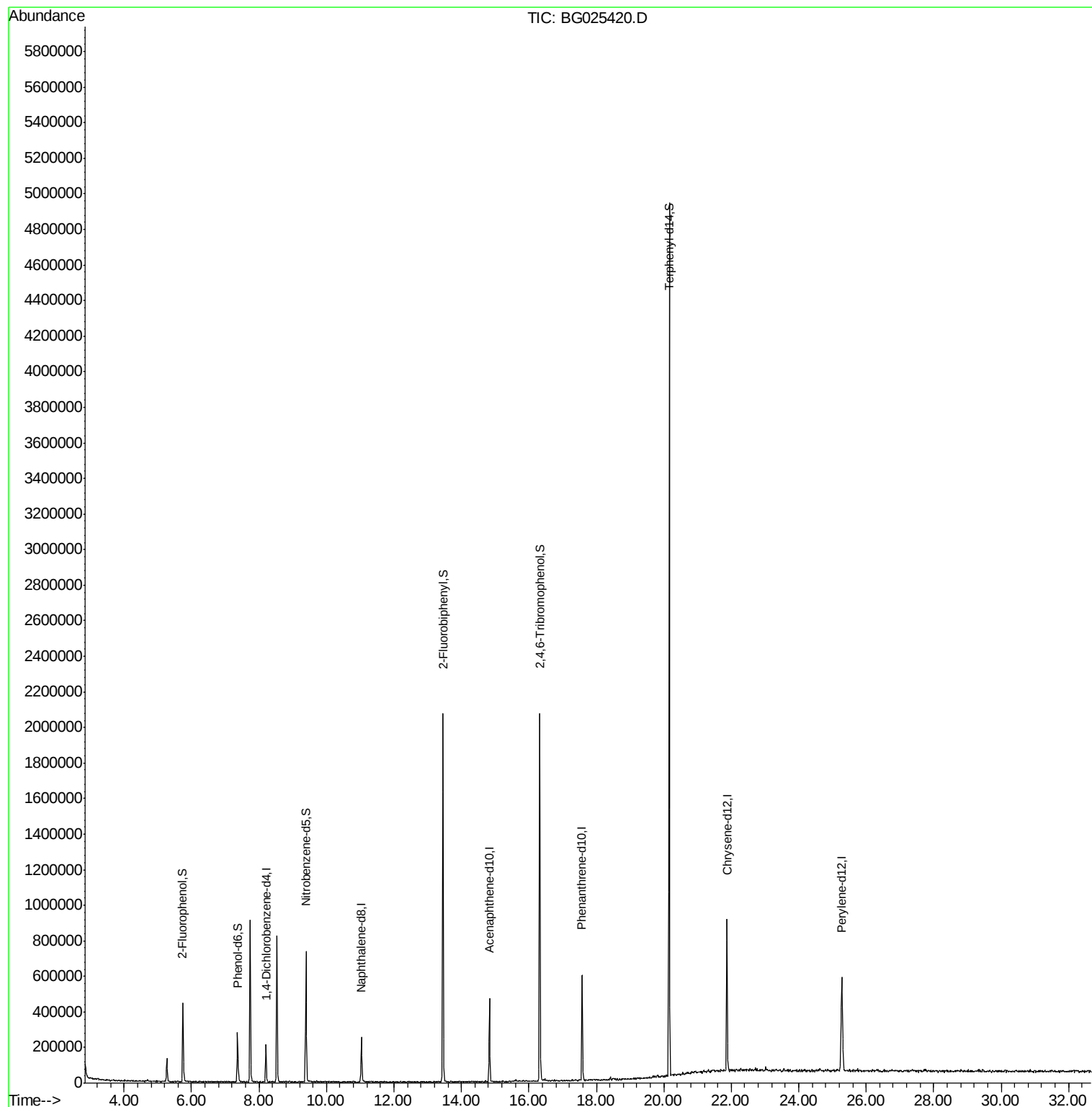
Target Compounds Qvalue

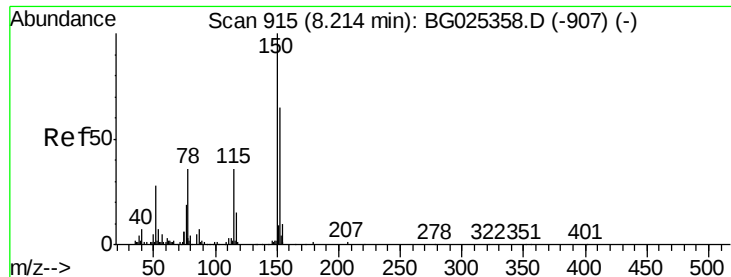
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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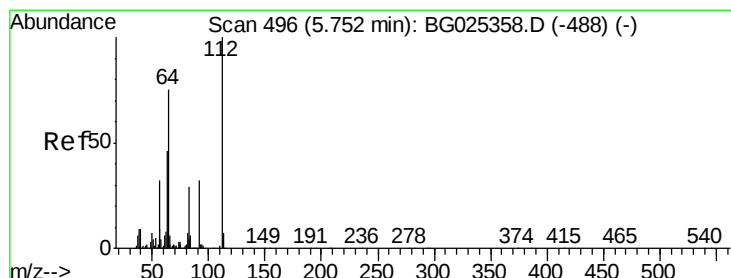
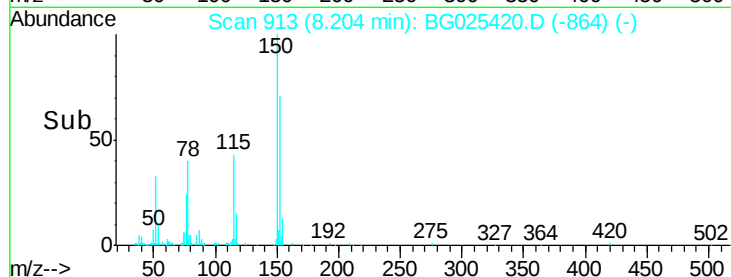
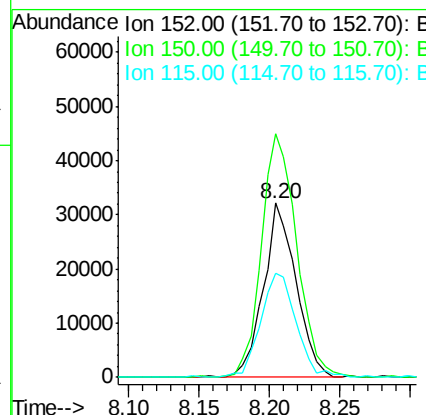
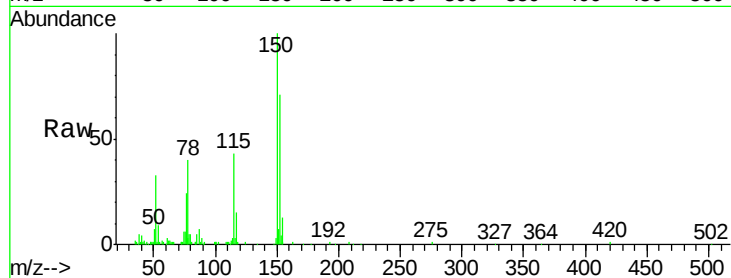


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG025420.D
 Acq: 30 Dec 2016 19:17

Instrument :
 BNA_G
 ClientSampleId :
 GMW-01

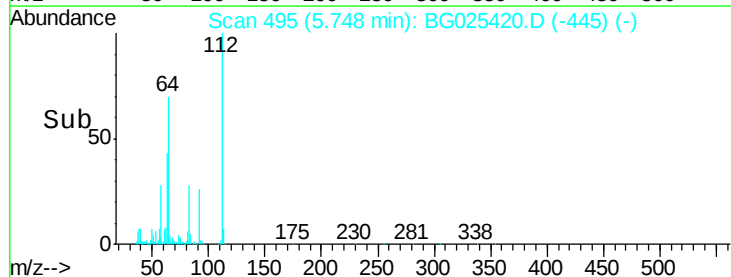
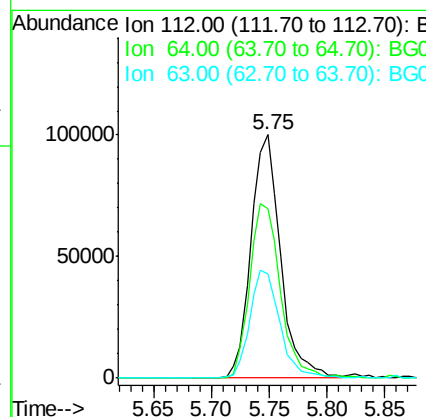
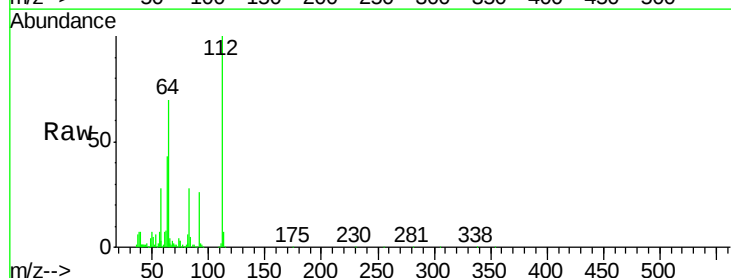
Tot Ion	Ratio	Lower	Upper
152	100		
150	139.9	114.0	171.0
115	59.8	48.1	72.1

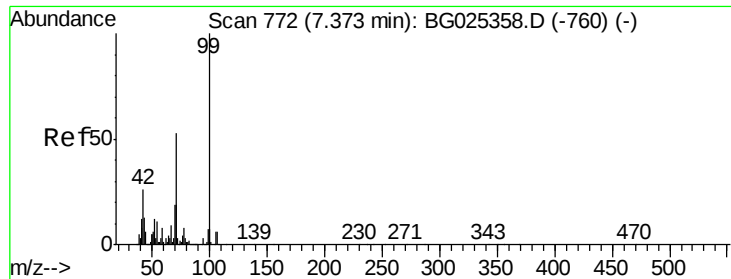


#5

2-Fluorophenol
 Concen: 62.24 ng
 RT: 5.75 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BG025420.D
 Acq: 30 Dec 2016 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	61.8	92.6
63	42.5	37.2	55.8





#7

Phenol-d6

Concen: 37.59 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG025420.D

Acq: 30 Dec 2016 19:17

Instrument :

BNA_G

ClientSampleId :

GMW-01

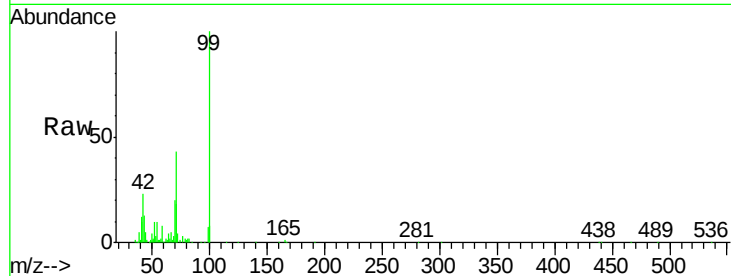
Tot Ion: 99 Resp: 152417

Ion	Ratio	Lower	Upper
99	100		
42	23.5	20.5	30.7
71	43.2	37.6	56.4

99 100

42 23.5 20.5 30.7

71 43.2 37.6 56.4

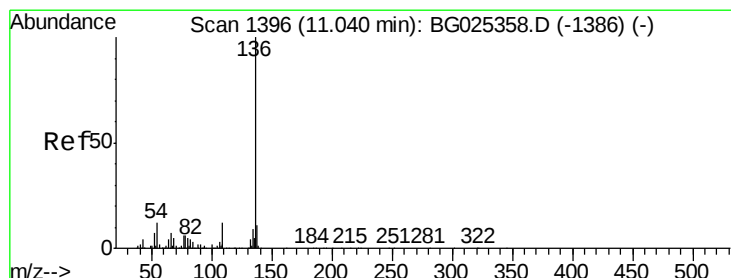
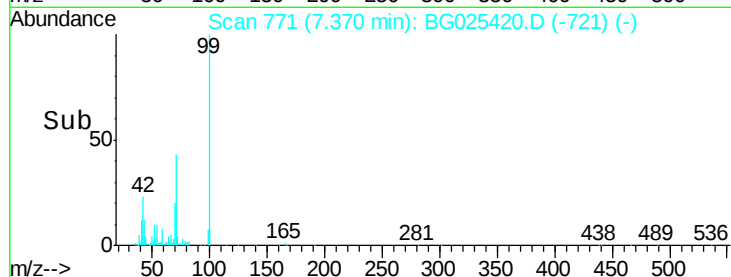
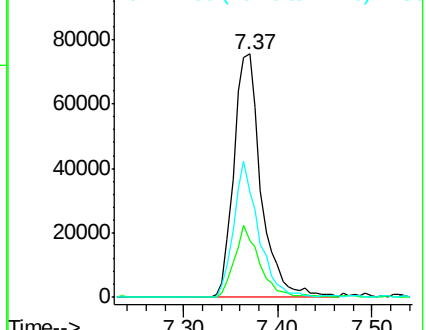


Abundance

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: 11.04 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG025420.D

Acq: 30 Dec 2016 19:17

Tgt Ion: 136 Resp: 211974

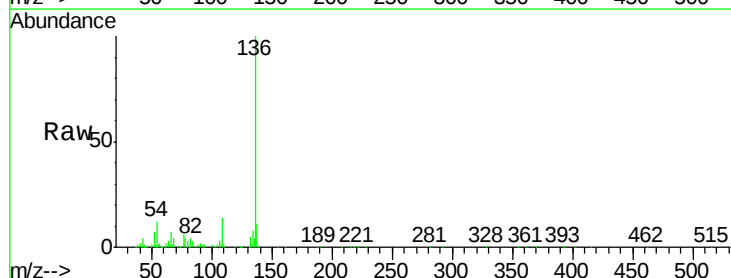
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	12.4	9.3	13.9
68	3.7	5.1	7.7#

136 100

137 11.5 8.9 13.3

54 12.4 9.3 13.9

68 3.7 5.1 7.7#



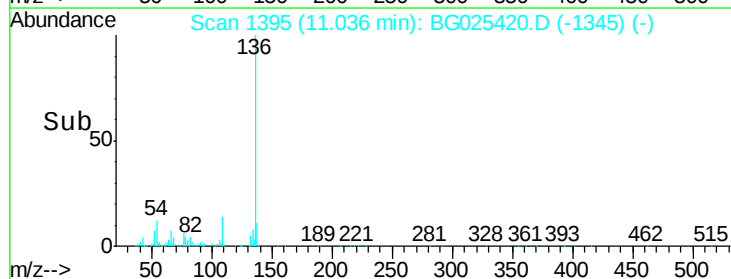
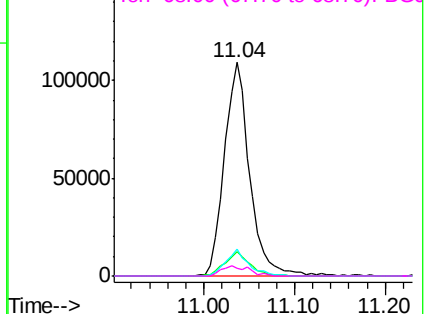
Abundance

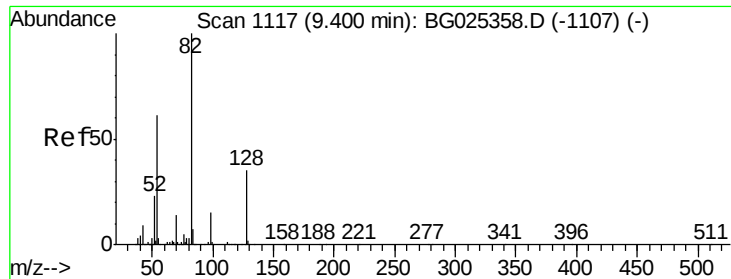
Ion 136.00 (135.70 to 136.70): BGC

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

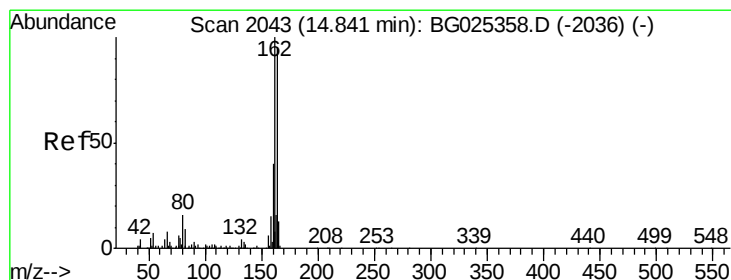
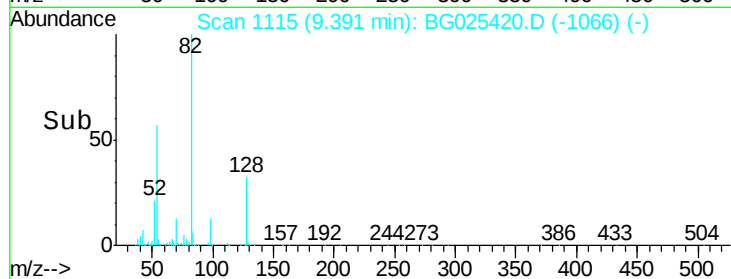
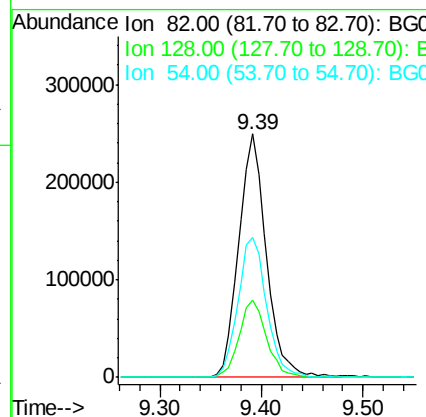
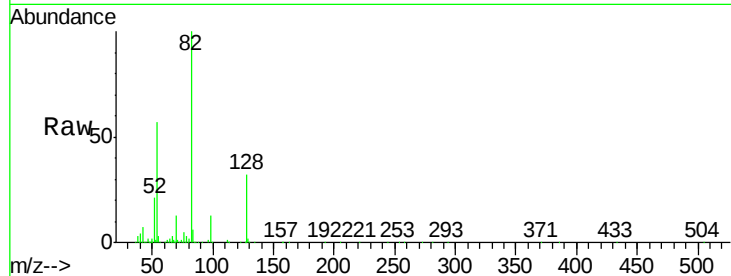




#23
Nitrobenzene-d5
Concen: 98.11 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

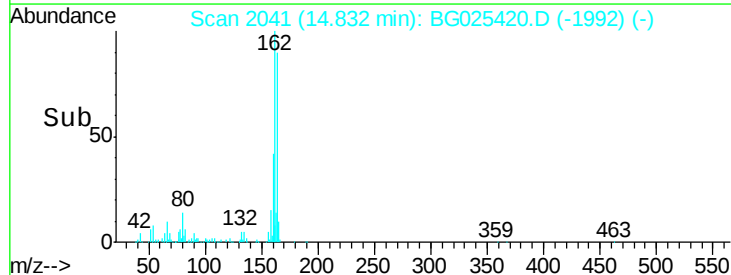
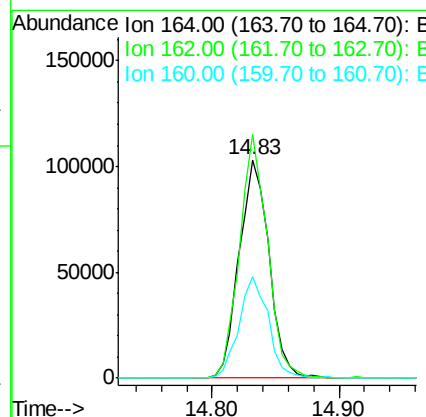
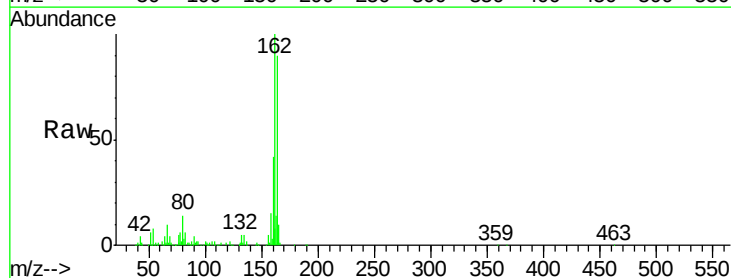
Instrument :
BNA_G
ClientSampleId :
GMW-01

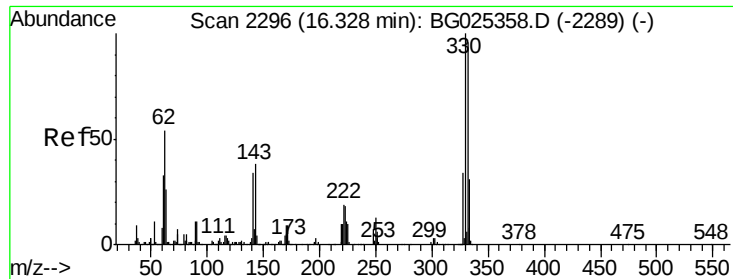
Tot Ion	82	Resp	470785
Ion Ratio	Lower	Upper	
82	100		
128	31.9	26.4	39.6
54	57.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

Tgt Ion	164	Resp	167907
Ion Ratio	Lower	Upper	
164	100		
162	111.4	85.1	127.7
160	46.6	34.7	52.1

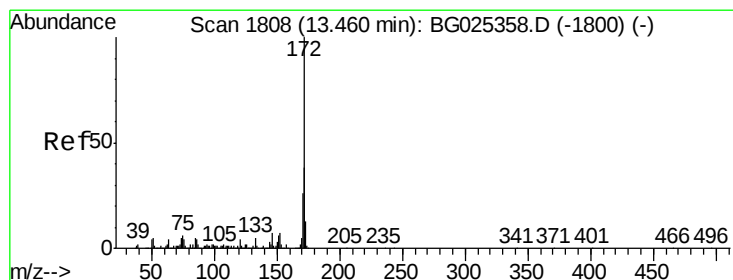
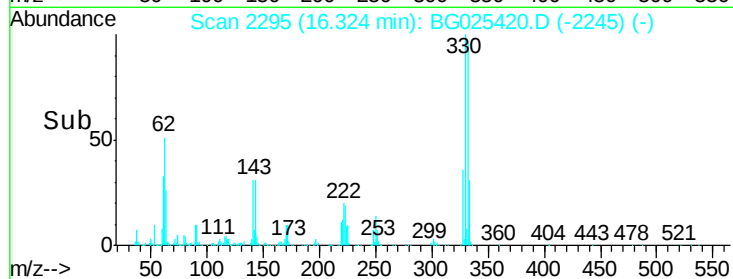
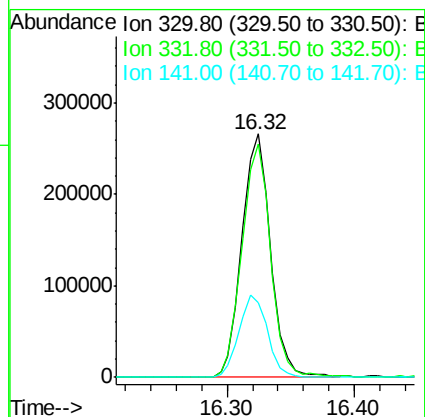
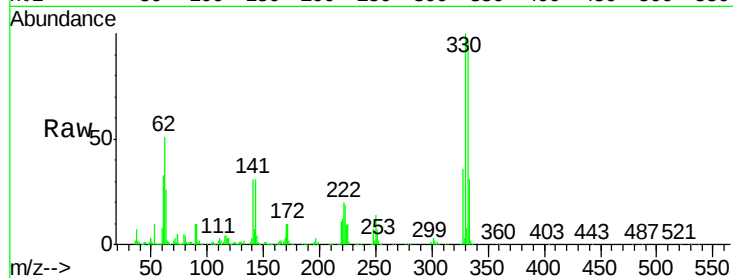




#41
 2,4,6-Tribromophenol
 Concen: 154.31 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG025420.D
 Acq: 30 Dec 2016 19:17

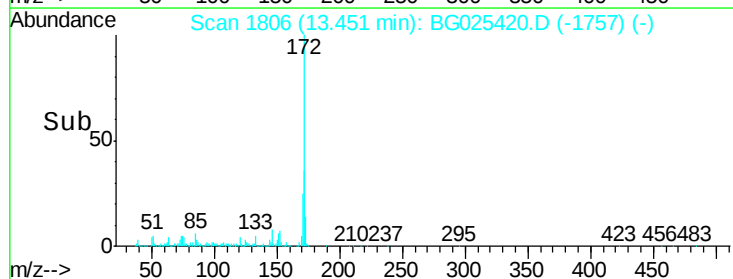
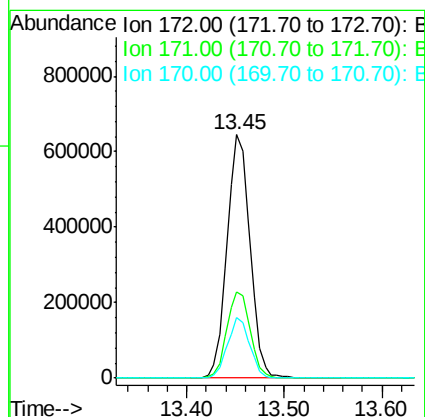
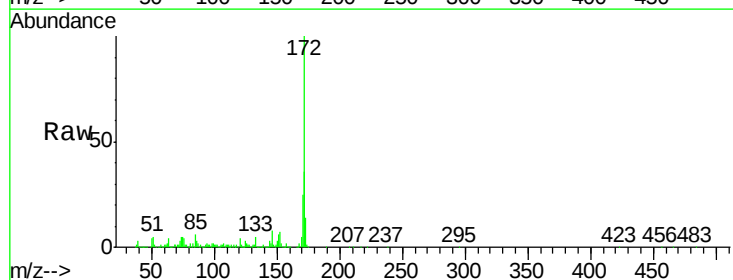
Instrument :
 BNA_G
 ClientSampleId :
 GMW-01

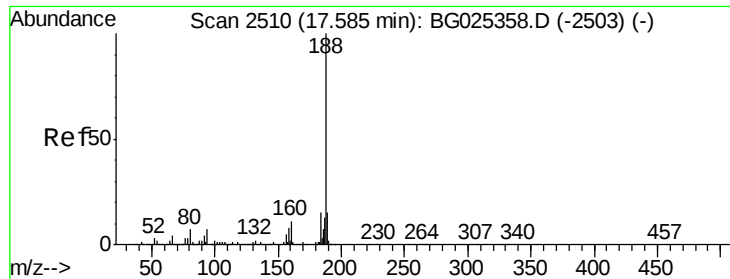
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 101.45 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025420.D
 Acq: 30 Dec 2016 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	32.2	48.2
170	24.9	21.8	32.6

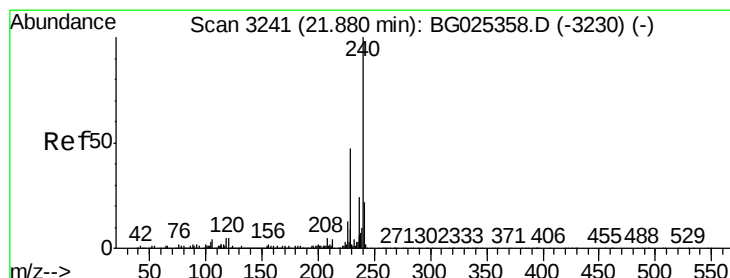
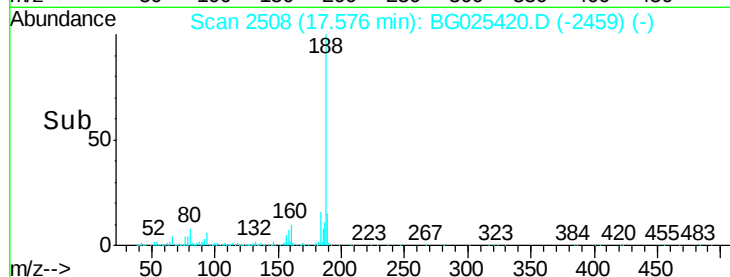
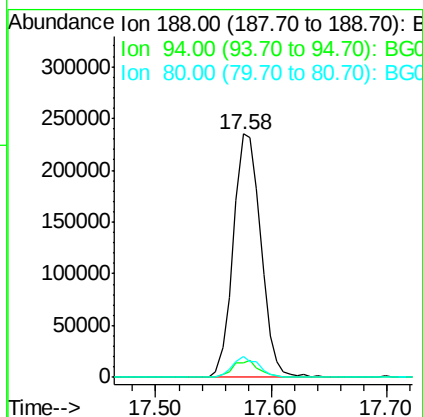
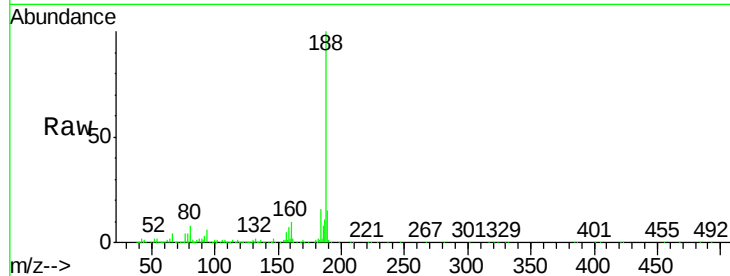




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

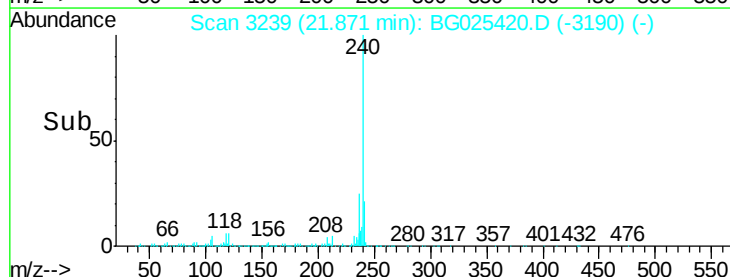
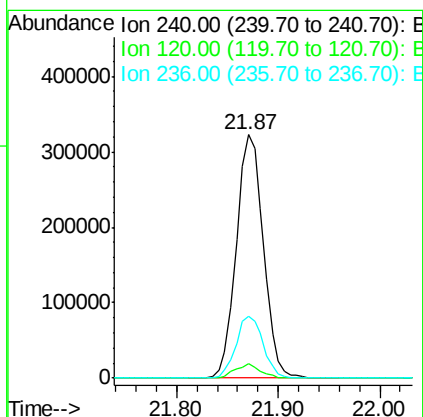
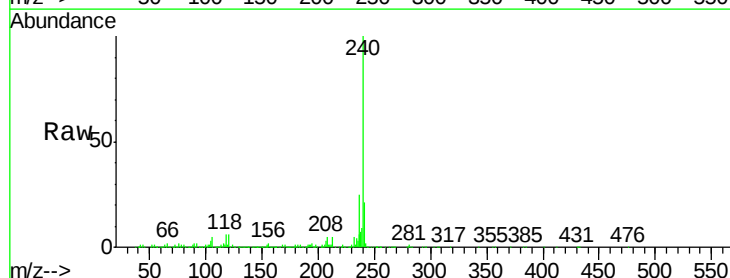
Instrument :
BNA_G
ClientSampleId :
GMW-01

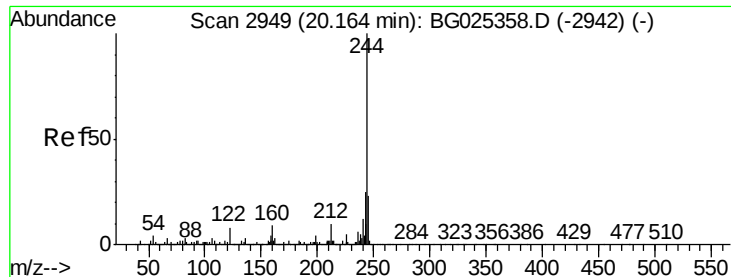
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.8	8.8
80	8.5	7.5	11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	25.4	22.2	33.4





#78

Terphenyl-d14

Concen: 91.97 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG025420.D

Acq: 30 Dec 2016 19:17

Instrument :

BNA_G

ClientSampleId :

GMW-01

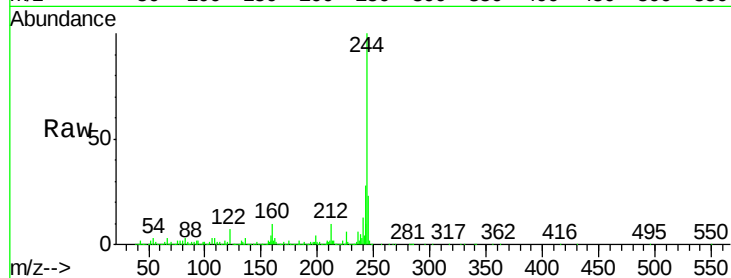
Tot Ion:244 Resp: 2071578

Ion Ratio Lower Upper

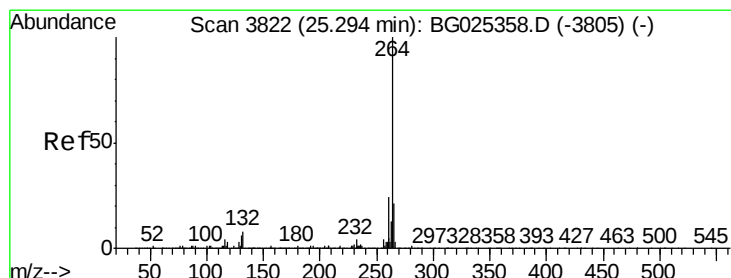
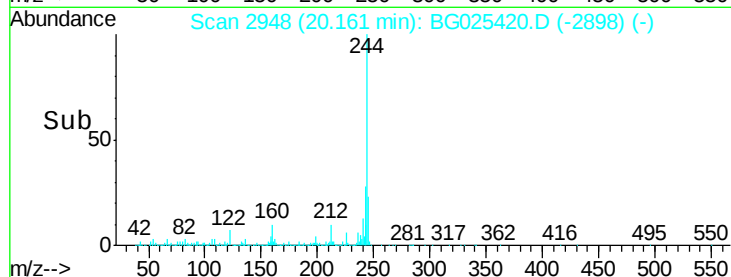
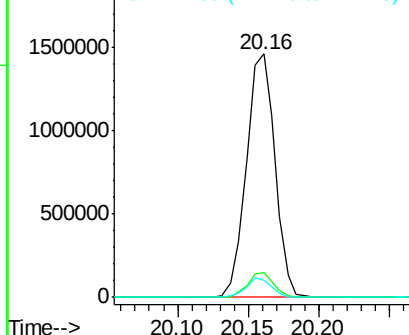
244 100

212 10.1 10.0 15.0

122 7.2 8.6 12.8#



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: 25.28 min Scan# 3819

Delta R.T. -0.02 min

Lab File: BG025420.D

Acq: 30 Dec 2016 19:17

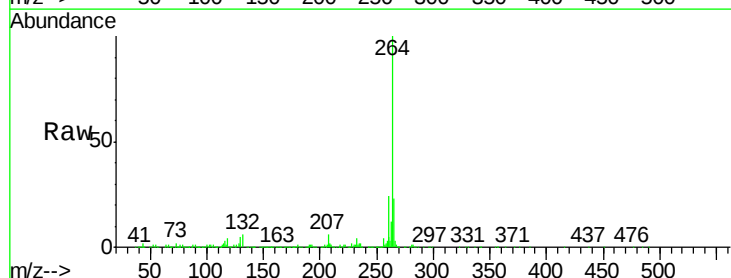
Tgt Ion:264 Resp: 639264

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 22.7 18.2 27.4



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

