

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
 Data File : BG025422.D
 Acq On : 30 Dec 2016 20:36
 Operator : UM/SJ
 Sample : H6318-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-38

Quant Time: Dec 30 23:19:53 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	55869	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	226773	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	186656	20.00	ng	-0.01
63) Phenanthrene-d10	17.58	188	408504	20.00	ng	0.00
75) Chrysene-d12	21.87	240	613049	20.00	ng	-0.01
86) Perylene-d12	25.28	264	680211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	203425	66.18	ng	0.00
7) Phenol-d6	7.37	99	180103	41.61	ng	0.00
23) Nitrobenzene-d5	9.39	82	484990	94.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	442358	147.20	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1092908	94.79	ng	0.00
78) Terphenyl-d14	20.16	244	2065658	89.34	ng	0.00

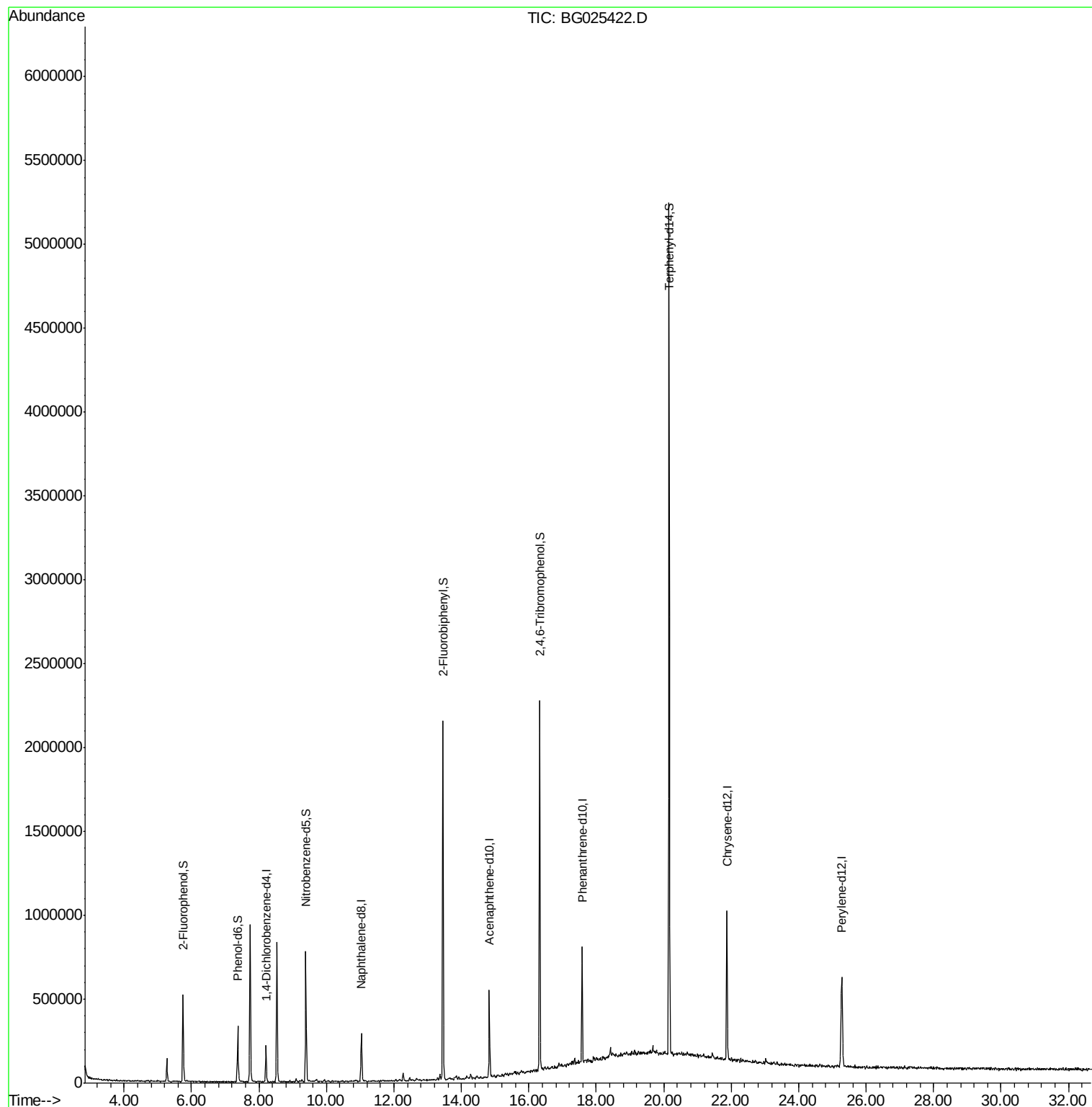
Target Compounds Qvalue

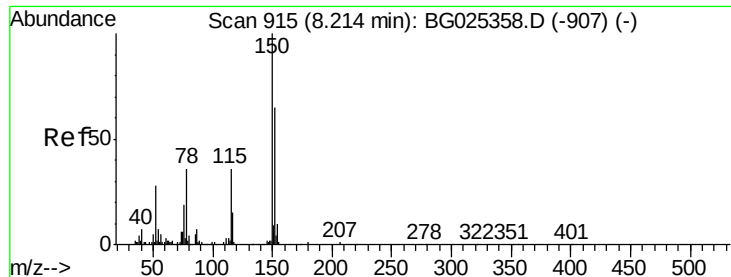
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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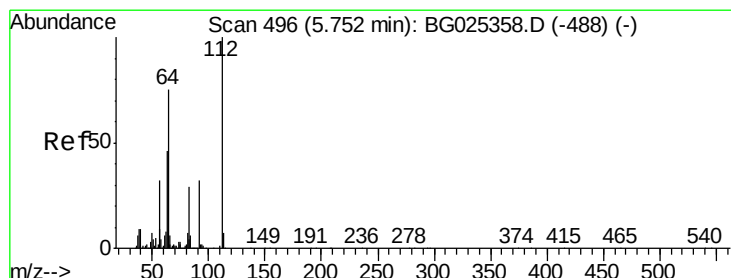
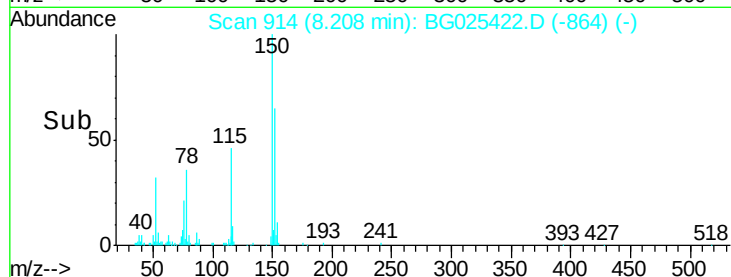
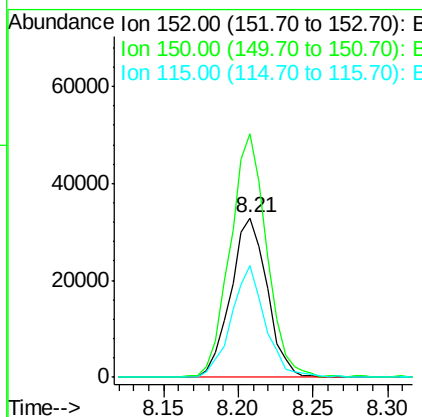
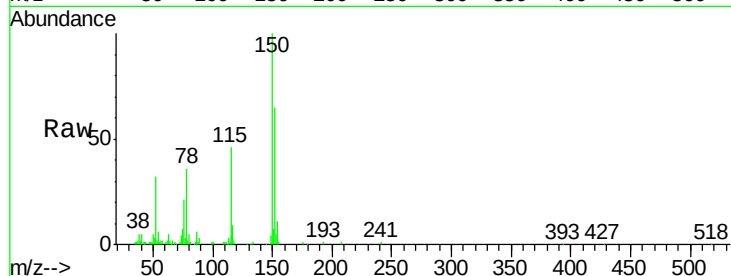


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.21 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BG025422.D
 Acq: 30 Dec 2016 20:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-38

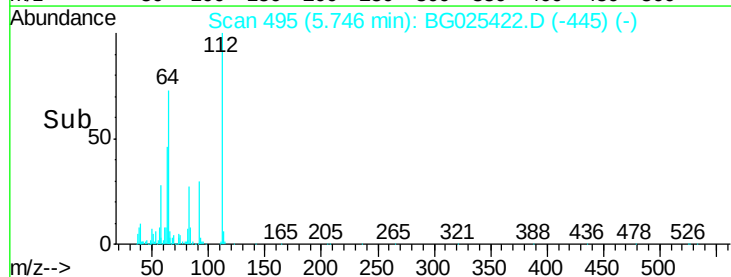
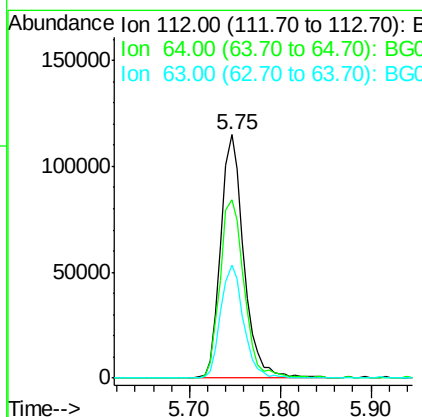
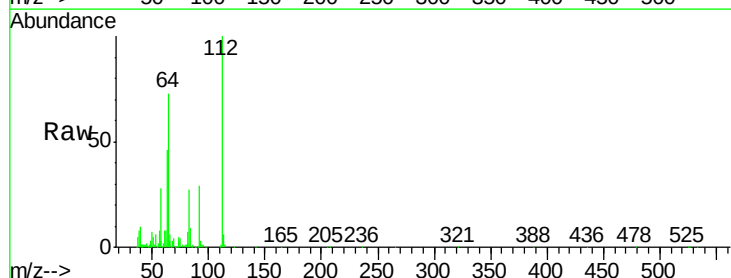
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	114.0	171.0
115	70.4	48.1	72.1

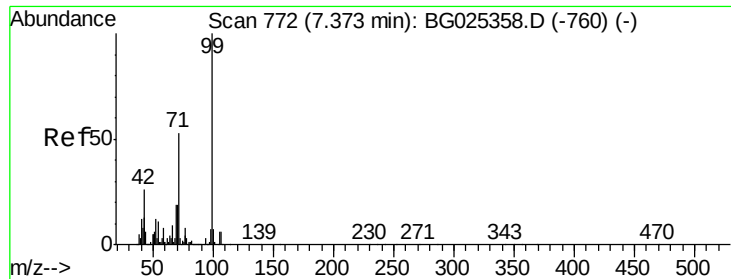


#5

2-Fluorophenol
 Concen: 66.18 ng
 RT: 5.75 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BG025422.D
 Acq: 30 Dec 2016 20:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	61.8	92.6
63	46.2	37.2	55.8





#7

Phenol-d6

Concen: 41.61 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

Instrument :

BNA_G

ClientSampleId :

MW-38

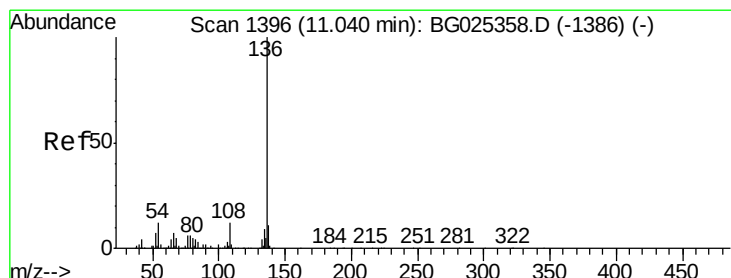
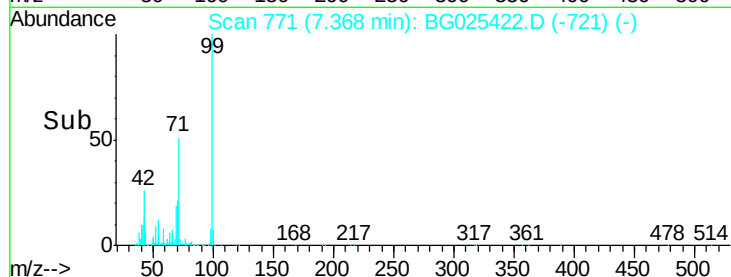
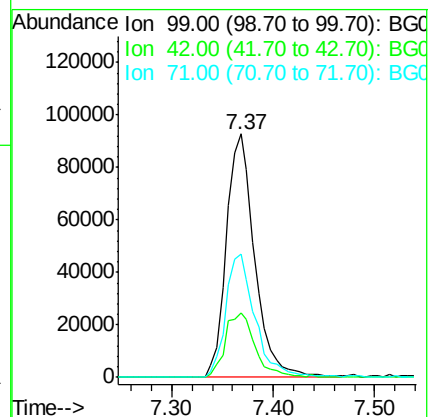
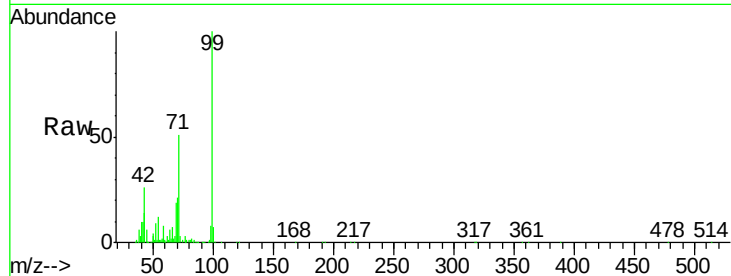
Tot Ion: 99 Resp: 180103

Ion Ratio Lower Upper

99 100

42 26.2 20.5 30.7

71 50.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

Tgt Ion: 136 Resp: 226773

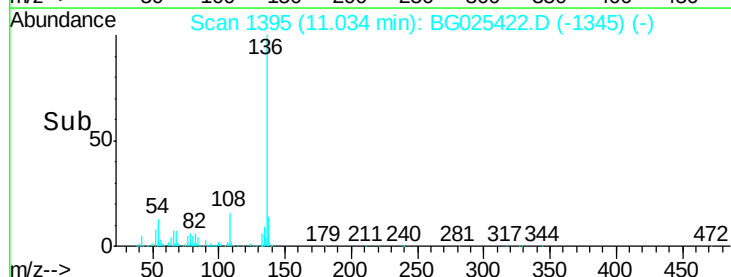
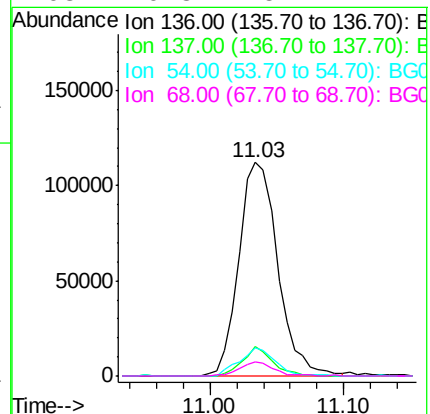
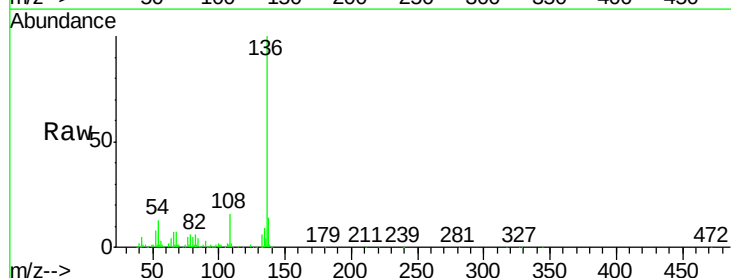
Ion Ratio Lower Upper

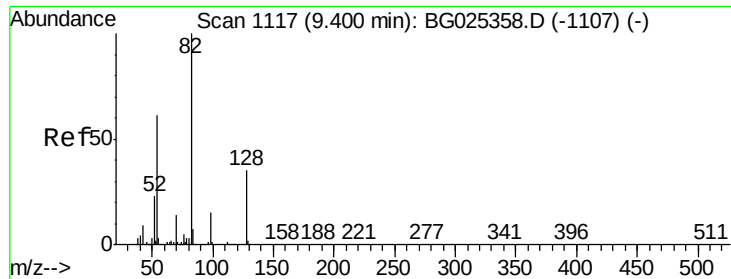
136 100

137 13.8 8.9 13.3#

54 13.4 9.3 13.9

68 6.8 5.1 7.7

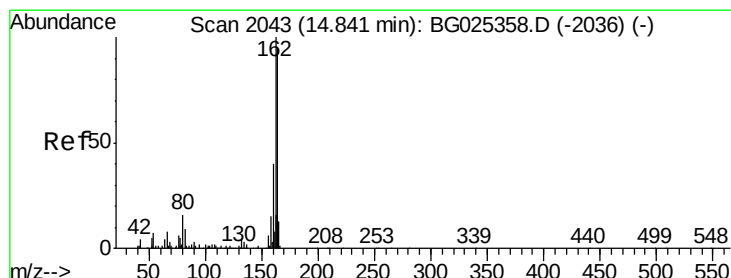
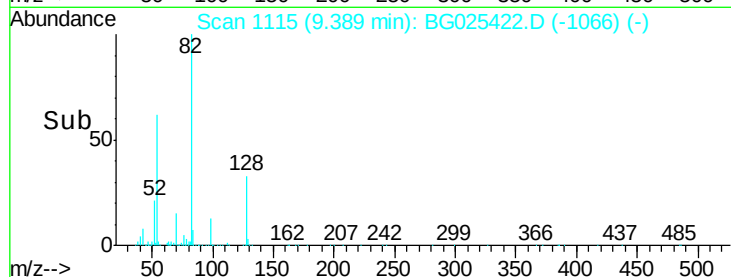
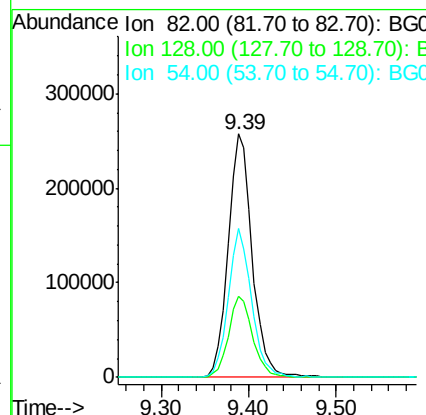
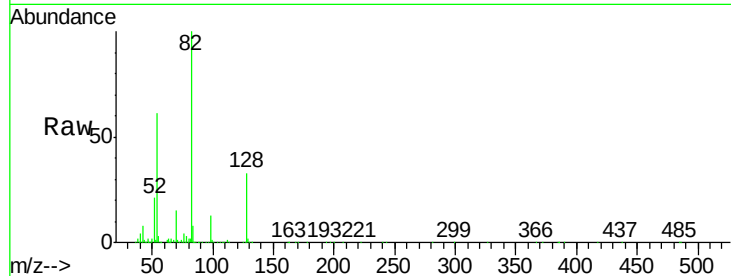




#23
 Nitrobenzene-d5
 Concen: 94.48 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG025422.D
 Acq: 30 Dec 2016 20:36

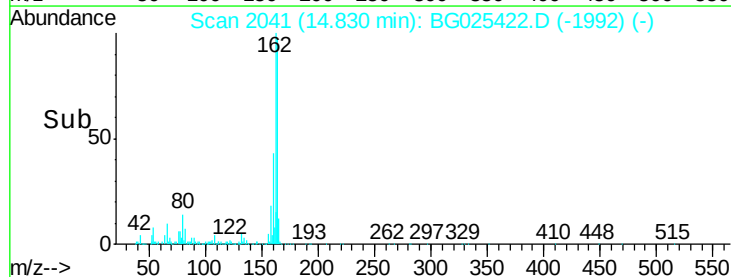
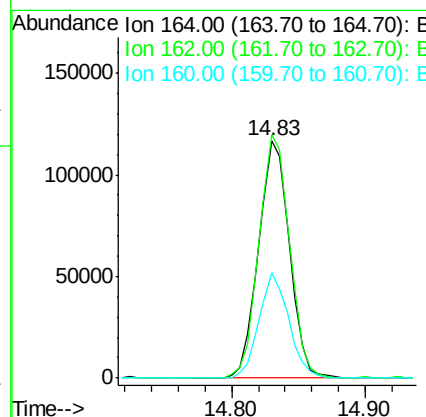
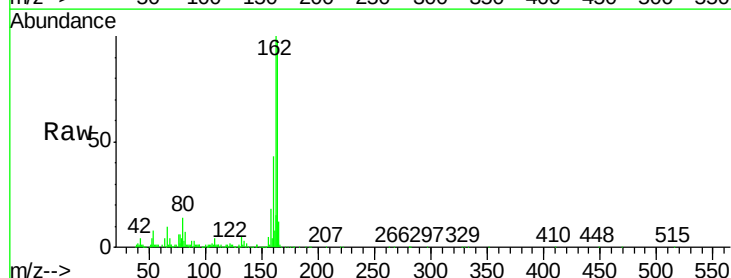
Instrument :
 BNA_G
 ClientSampleId :
 MW-38

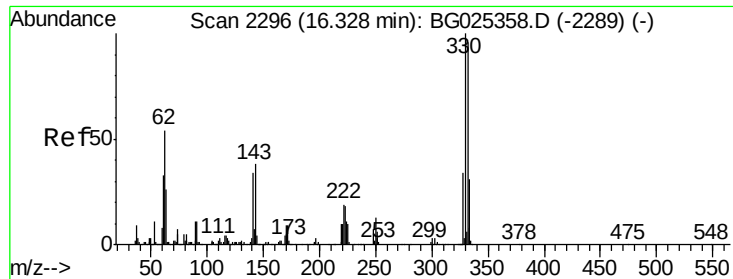
Tot Ion	82	Resp	484990
Ion Ratio	Lower	Upper	
82	100		
128	33.1	26.4	39.6
54	61.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG025422.D
 Acq: 30 Dec 2016 20:36

Tgt Ion	164	Resp	186656
Ion Ratio	Lower	Upper	
164	100		
162	102.4	85.1	127.7
160	44.1	34.7	52.1

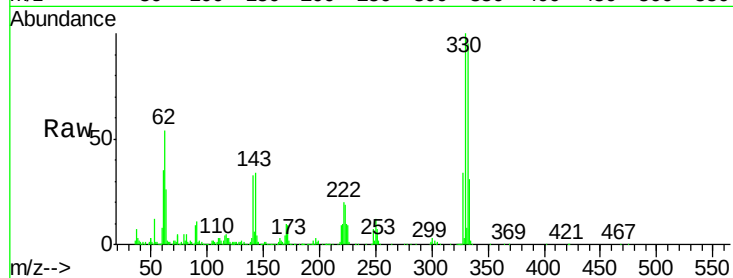




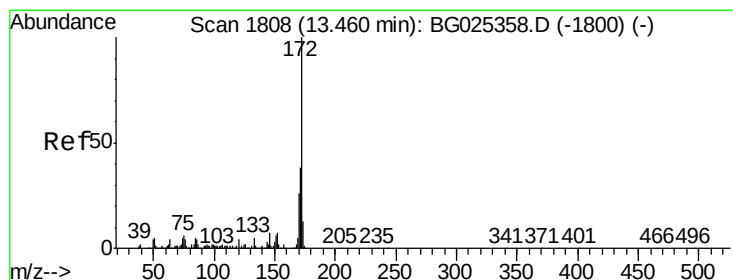
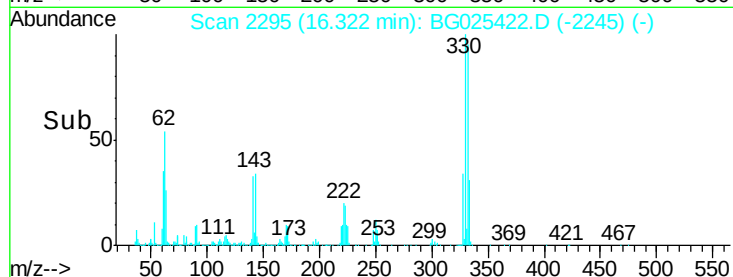
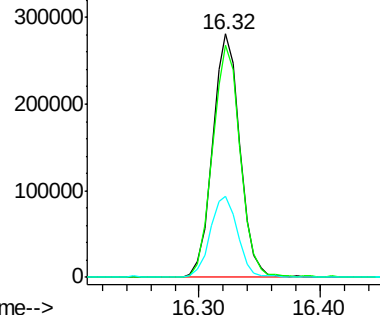
#41
2,4,6-Tribromophenol
Concen: 147.20 ng
RT: 16.32 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG025422.D
Acq: 30 Dec 2016 20:36

Instrument :
BNA_G
ClientSampleId :
MW-38

Tot Ion:330 Resp: 442358
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.5 32.1 48.1

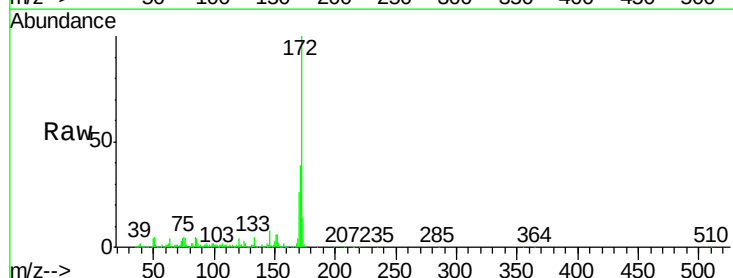


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

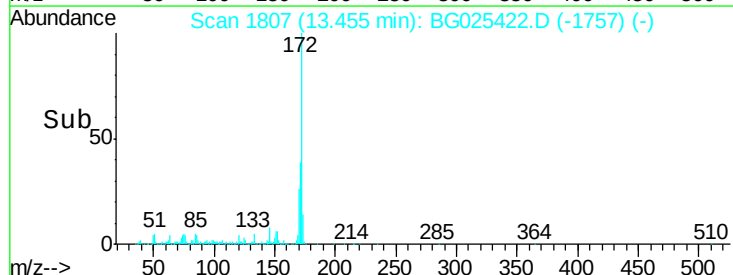
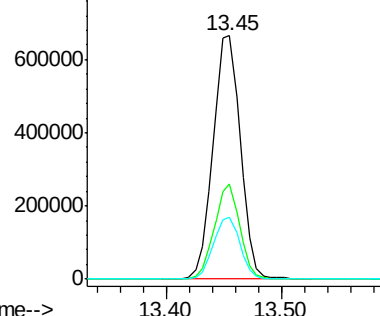


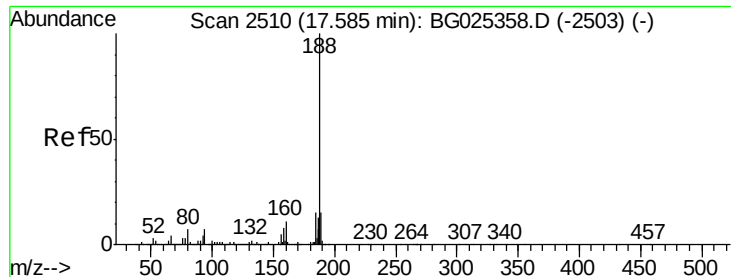
#44
2-Fluorobiphenyl
Concen: 94.79 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG025422.D
Acq: 30 Dec 2016 20:36

Tgt Ion:172 Resp: 1092908
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 25.7 21.8 32.6



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

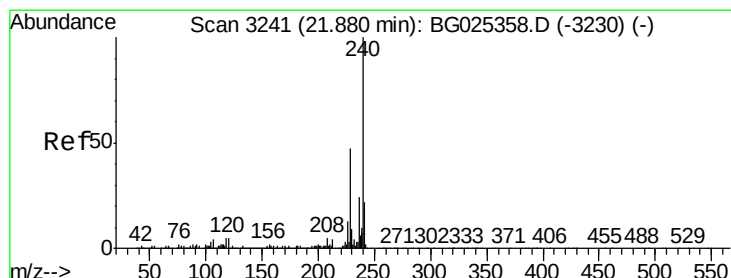
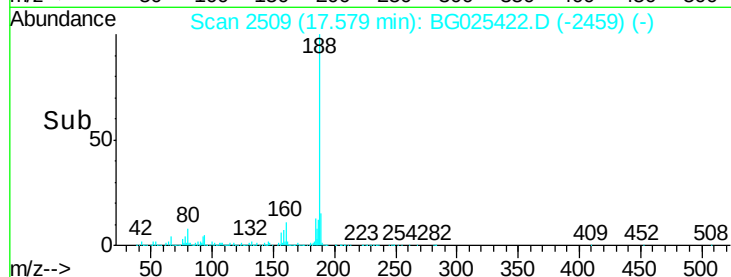
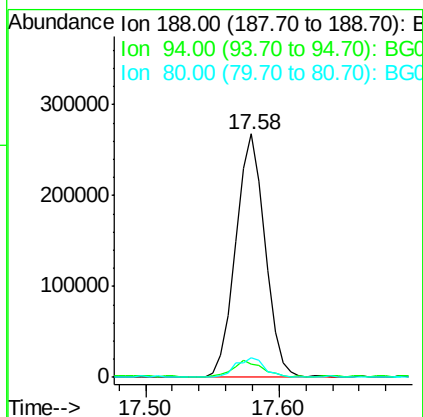
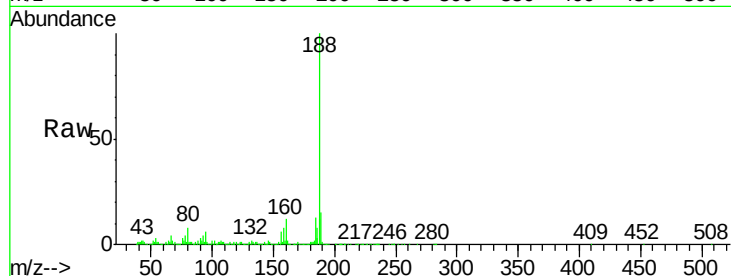




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025422.D
Acq: 30 Dec 2016 20:36

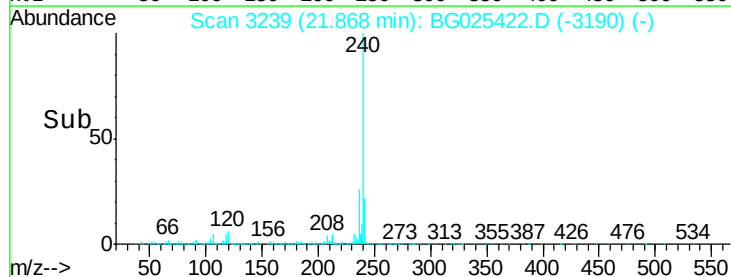
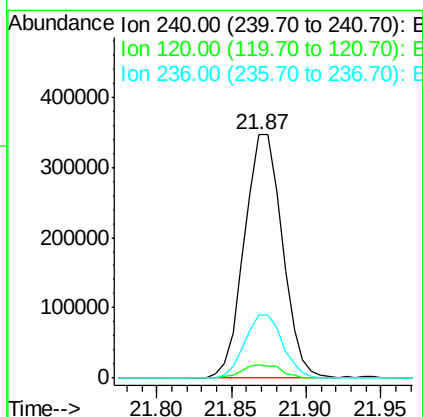
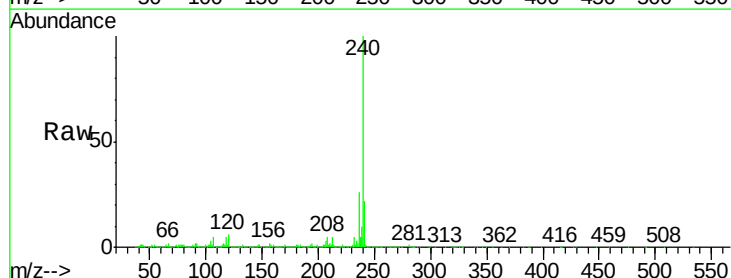
Instrument :
BNA_G
ClientSampleId :
MW-38

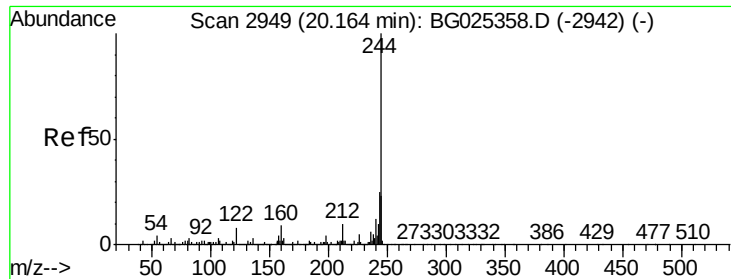
Tot Ion:188 Resp: 408504
Ion Ratio Lower Upper
188 100
94 5.5 5.8 8.8#
80 8.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG025422.D
Acq: 30 Dec 2016 20:36

Tgt Ion:240 Resp: 613049
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5#
236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 89.34 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

Instrument :

BNA_G

ClientSampleId :

MW-38

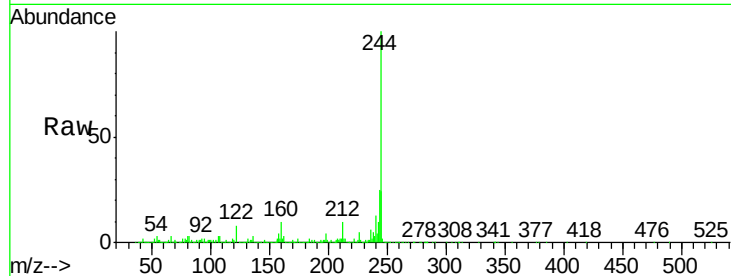
Tot Ion:244 Resp: 2065658

Ion Ratio Lower Upper

244 100

212 9.7 10.0 15.0#

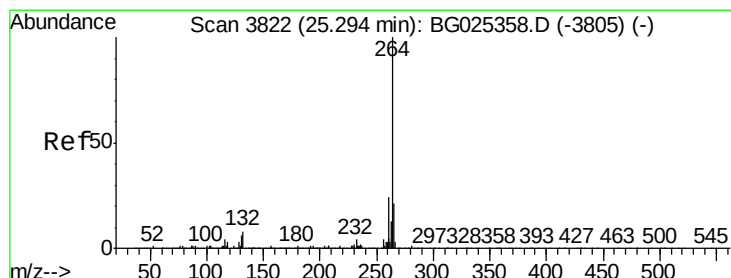
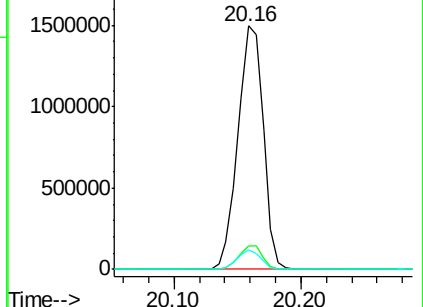
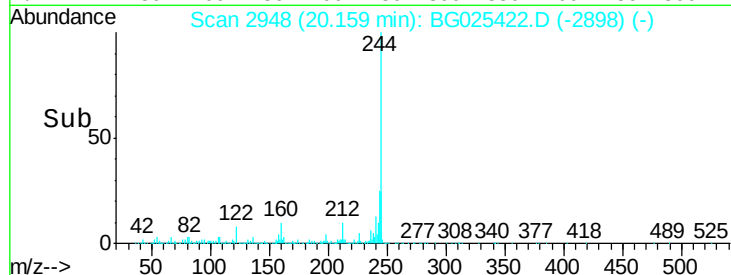
122 8.3 8.6 12.8#



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# 3820

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

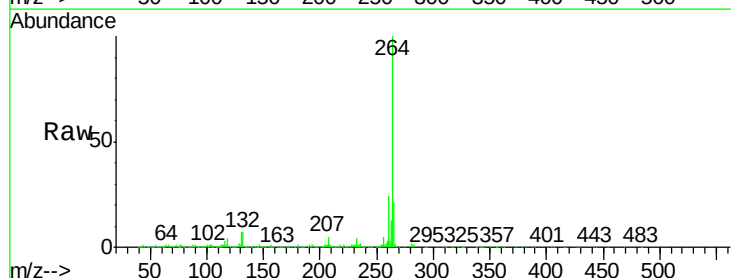
Tgt Ion:264 Resp: 680211

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.1 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

