

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037160.D
 Acq On : 4 Oct 2018 18:10
 Operator : JU/SJ
 Sample : J5194-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-C

Quant Time: Oct 05 01:47:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50040	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	195522	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	121698	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	312041	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	336405	20.00	ng	-0.02
86) Perylene-d12	24.87	264	330153	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	323767	124.08	ng	-0.01
7) Phenol-d6	7.20	99	400680	99.25	ng	-0.02
23) Nitrobenzene-d5	9.19	82	320928	87.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	193118	132.63	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	641424	78.50	ng	-0.02
78) Terphenyl-d14	20.01	244	1182859	92.46	ng	-0.02

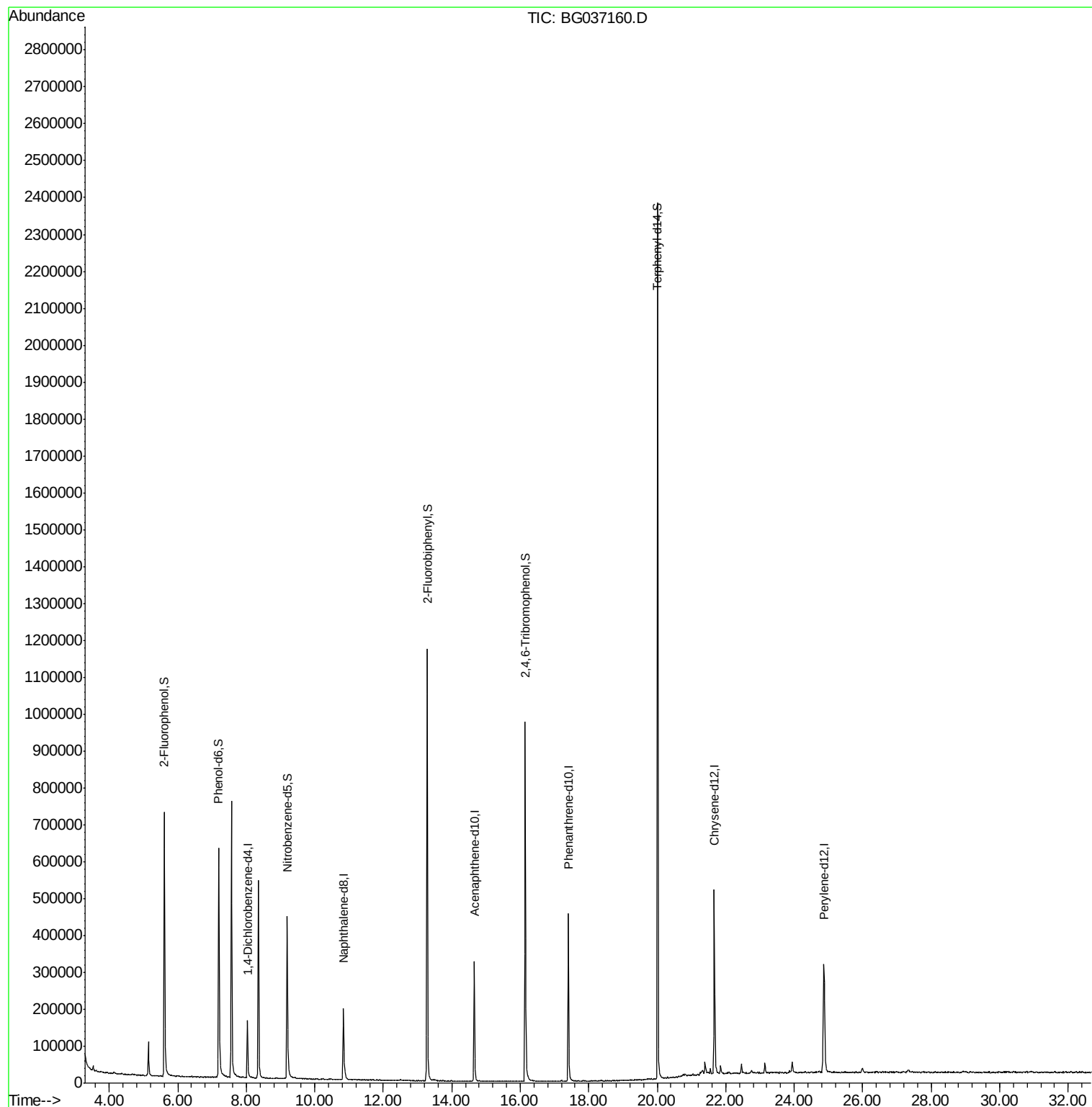
Target Compounds Qvalue

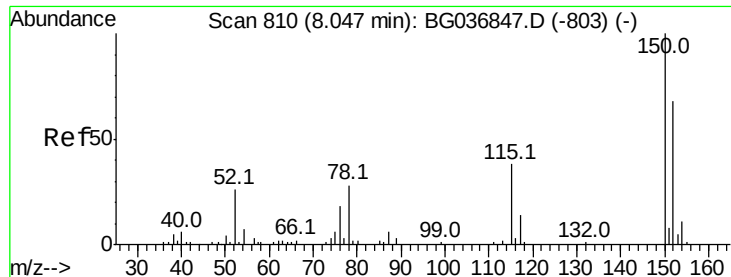
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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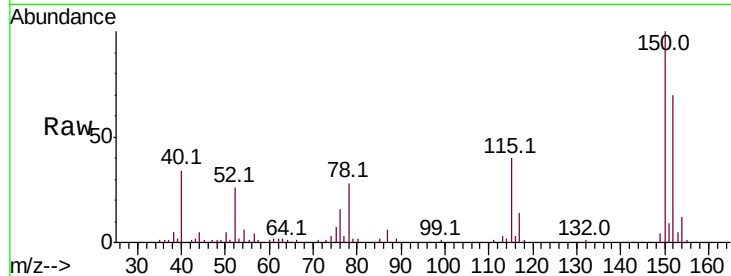


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037160.D
Acq: 4 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.5	119.5	179.3
115	56.5	44.5	66.7

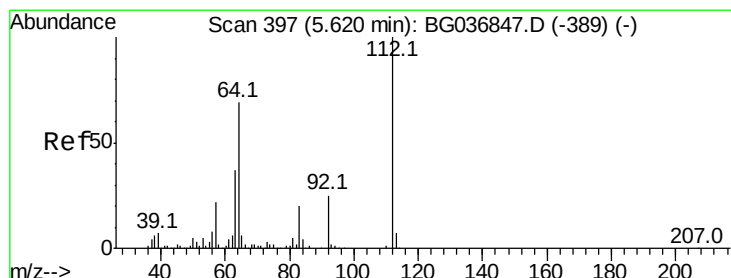
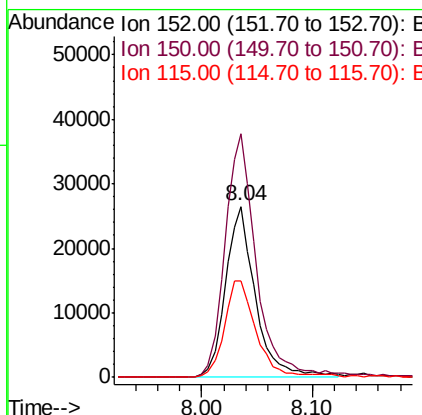
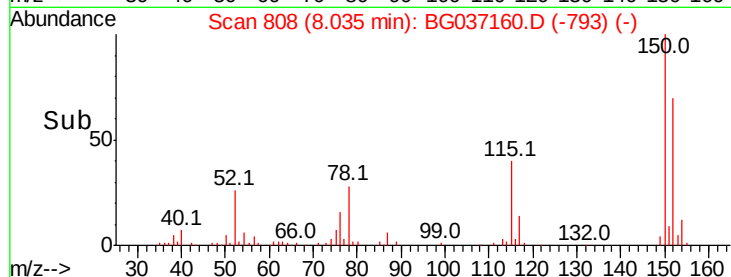


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

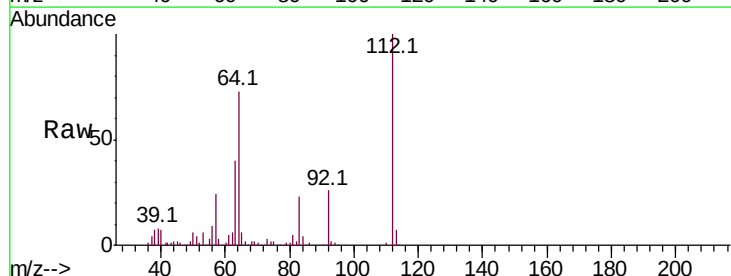
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.084 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037160.D
Acq: 4 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	57.2	85.8
63	39.6	30.8	46.2

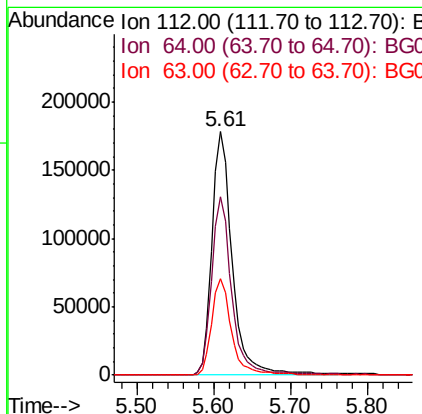
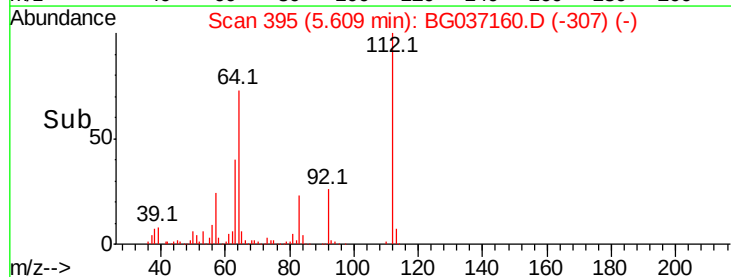


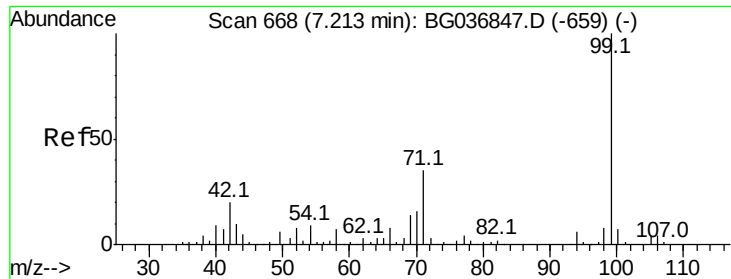
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.253 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037160.D

Acq: 4 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-C

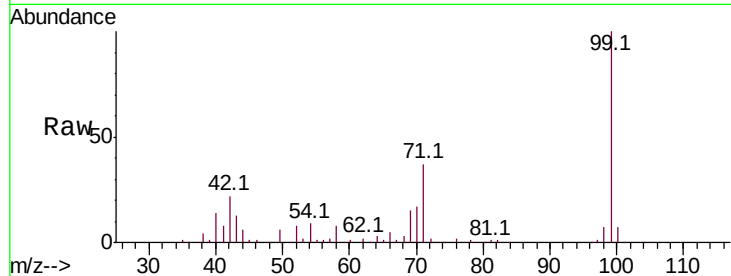
Tot Ion: 99 Resp: 400680

Ion Ratio Lower Upper

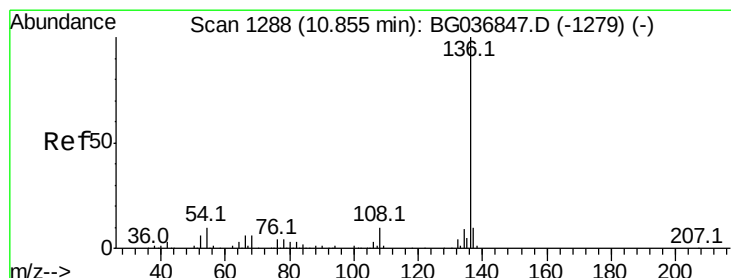
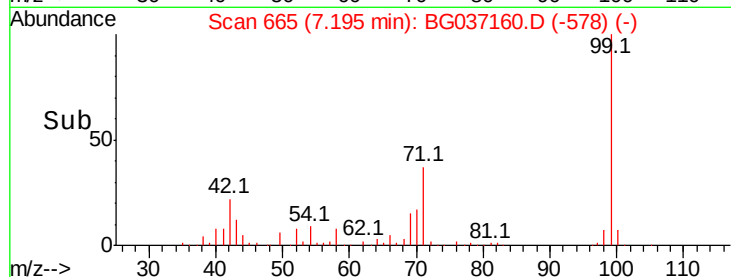
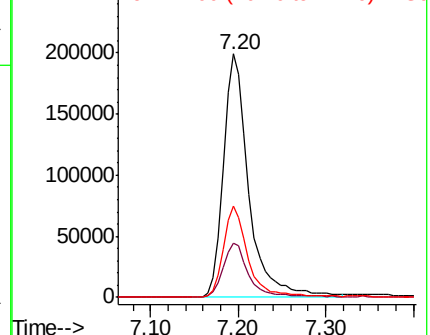
99 100

42 22.3 16.5 24.7

71 37.4 29.4 44.2



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: 20.000 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037160.D

Acq: 4 Oct 2018 18:10

Tgt Ion: 136 Resp: 195522

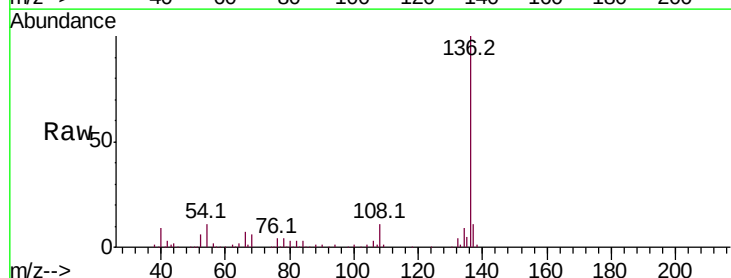
Ion Ratio Lower Upper

136 100

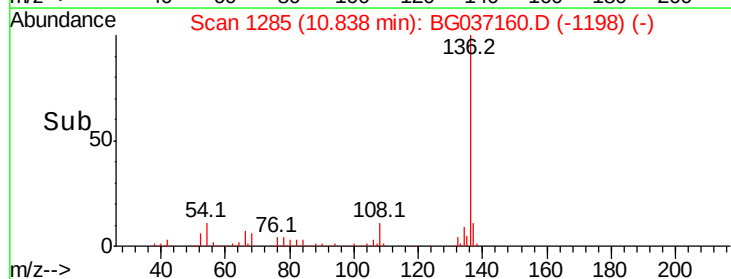
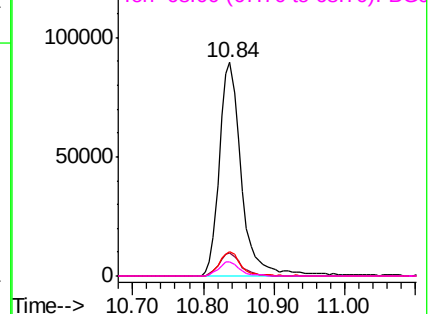
137 10.6 8.8 13.2

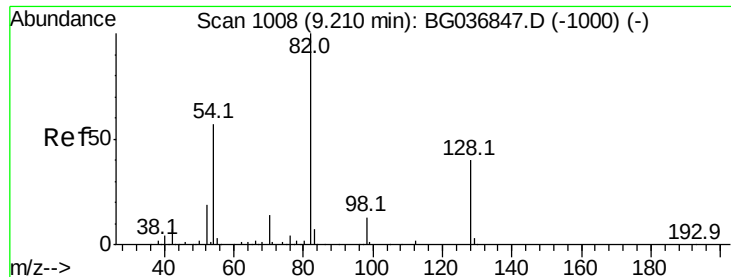
54 11.3 9.2 13.8

68 6.3 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

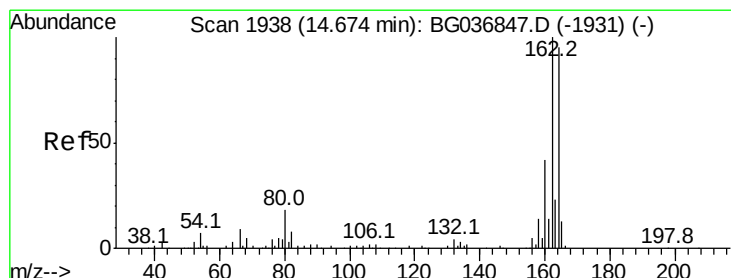
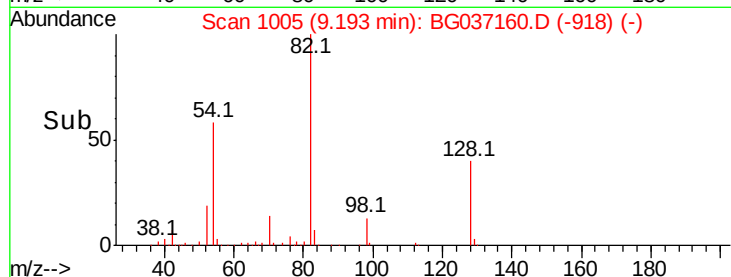
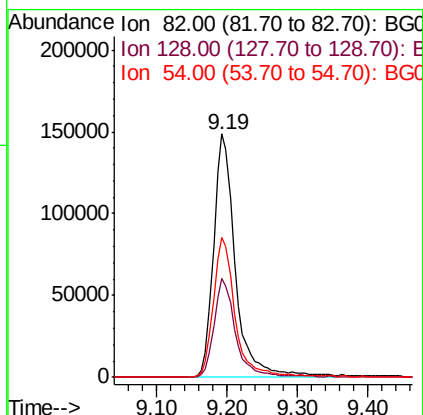
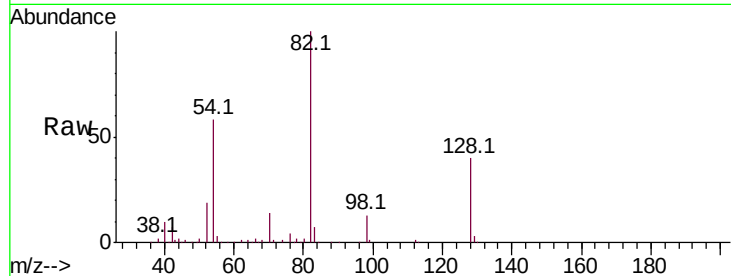




#23
Nitrobenzene-d5
Concen: 87.898 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037160.D
Acq: 4 Oct 2018 18:10

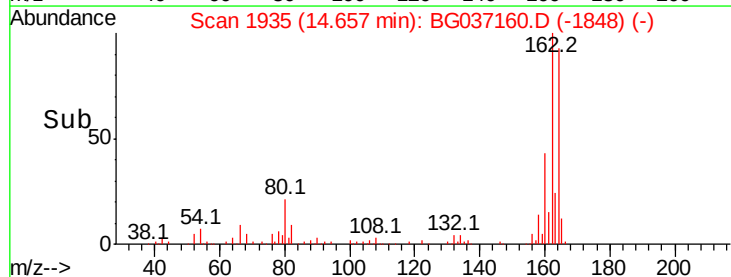
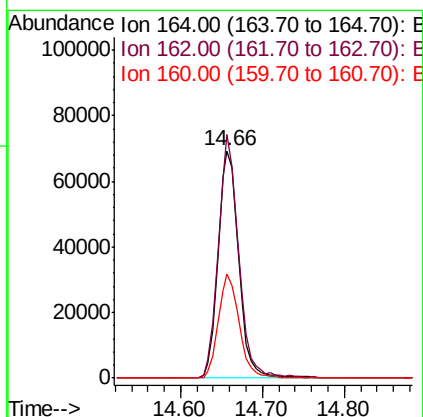
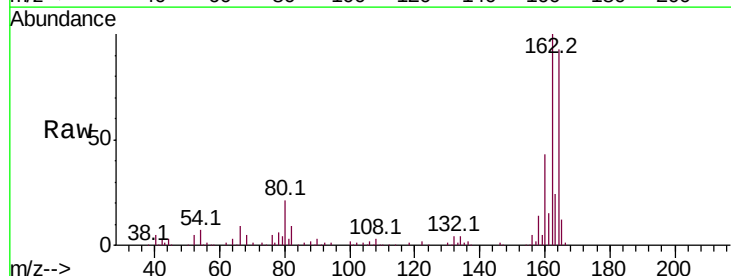
Instrument :
BNA_G
ClientSampleId :
HR-06-100218-C

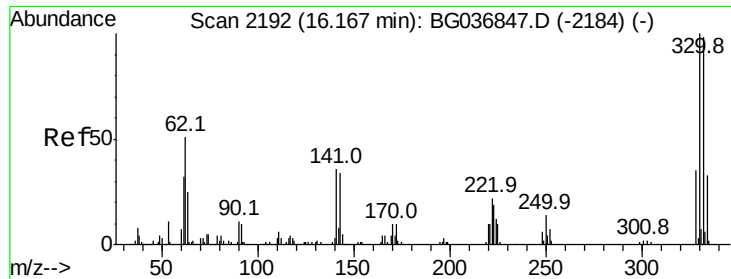
Tot Ion: 82 Resp: 320928
Ion Ratio Lower Upper
82 100
128 40.4 33.3 49.9
54 57.7 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037160.D
Acq: 4 Oct 2018 18:10

Tgt Ion: 164 Resp: 121698
Ion Ratio Lower Upper
164 100
162 107.1 80.7 121.1
160 45.8 35.3 52.9

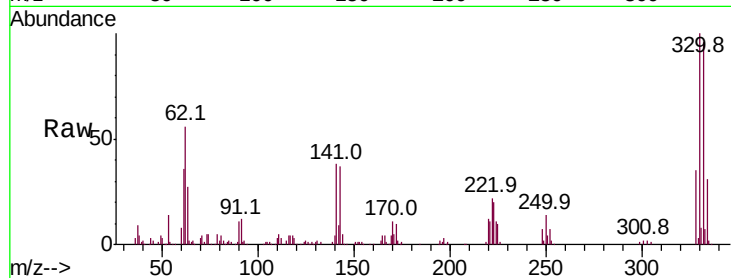




#41
 2,4,6-Tribromophenol
 Concen: 132.632 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037160.D
 Acq: 4 Oct 2018 18:10

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	40.2	30.7	46.1

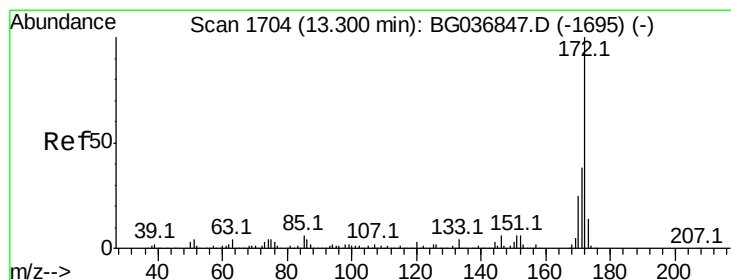
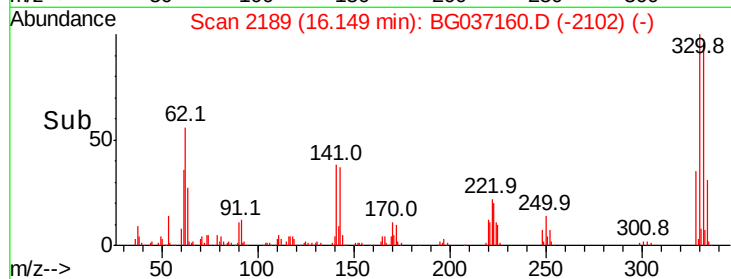
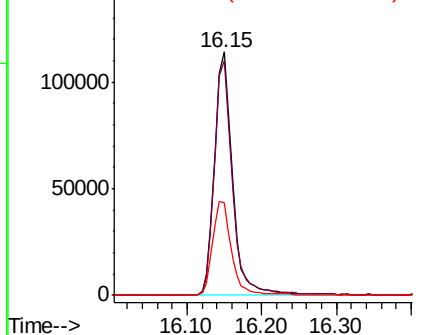


Abundance

Ion 329.80 (329.50 to 330.50): E

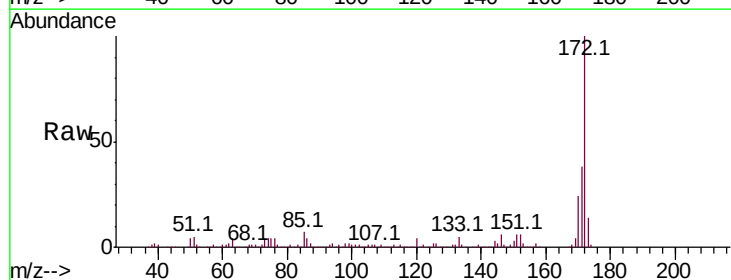
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.500 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037160.D
 Acq: 4 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.3	21.0	31.6

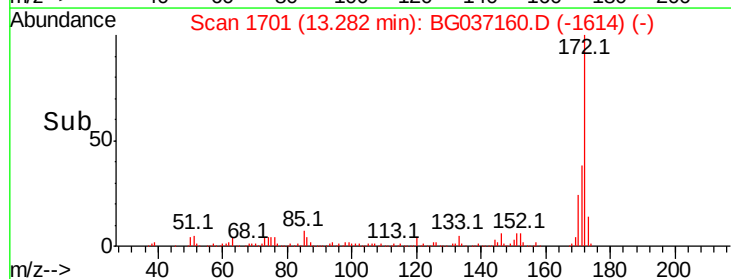
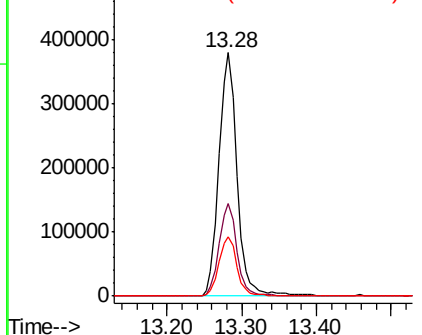


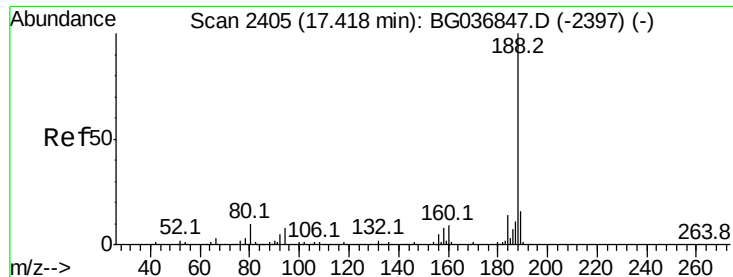
Abundance

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

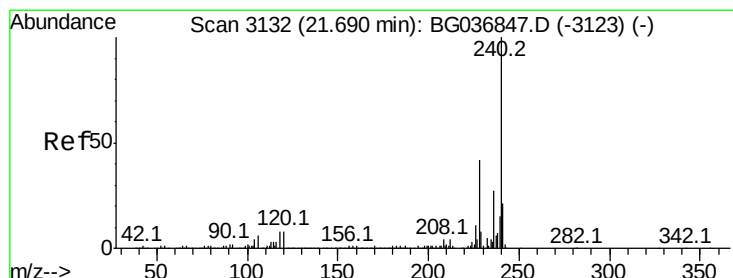
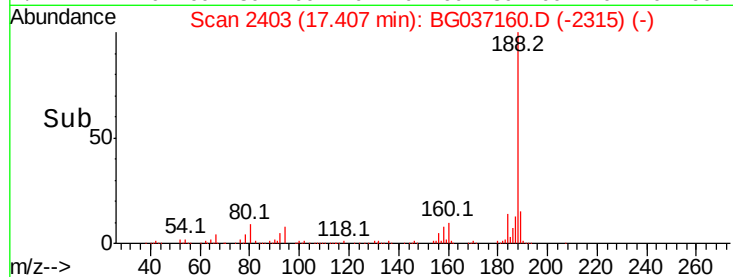
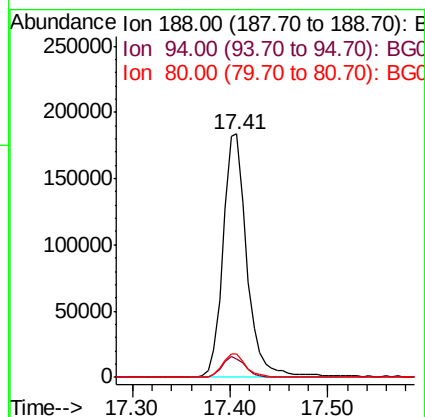
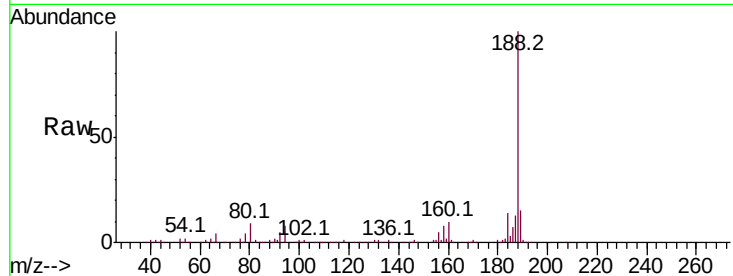




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037160.D
Acq: 4 Oct 2018 18:10

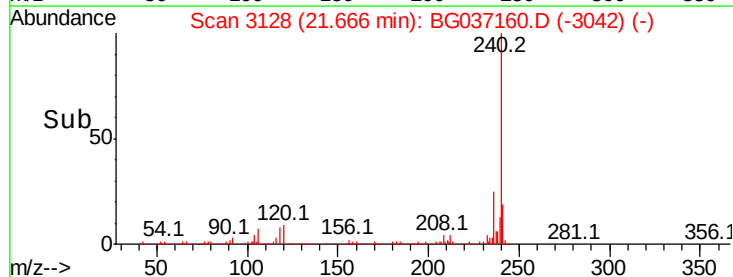
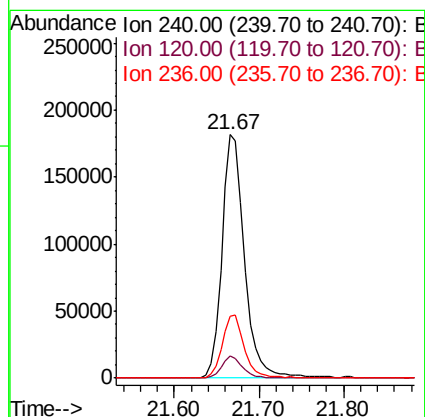
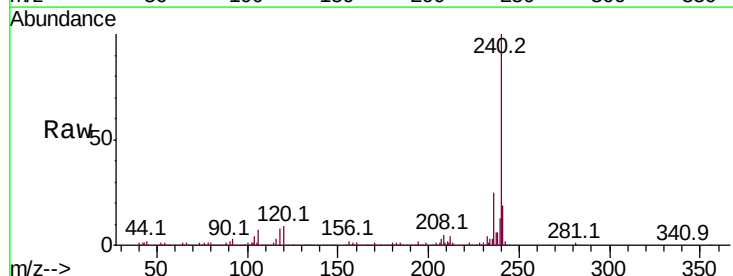
Instrument :
BNA_G
ClientSampleId :
HR-06-100218-C

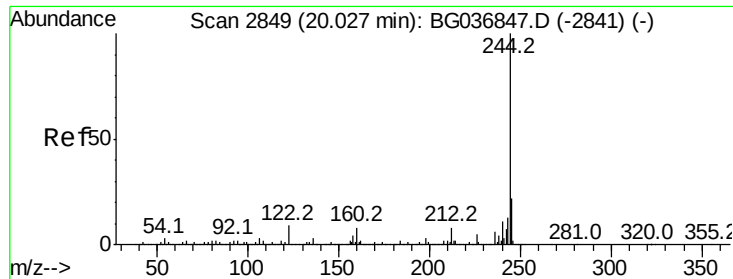
Tot Ion:188 Resp: 312041
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.4 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037160.D
Acq: 4 Oct 2018 18:10

Tgt Ion:240 Resp: 336405
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 25.4 21.2 31.8



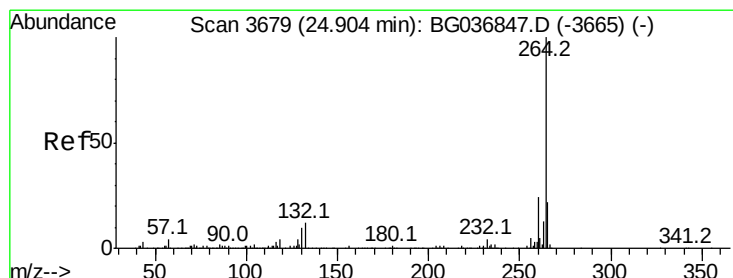
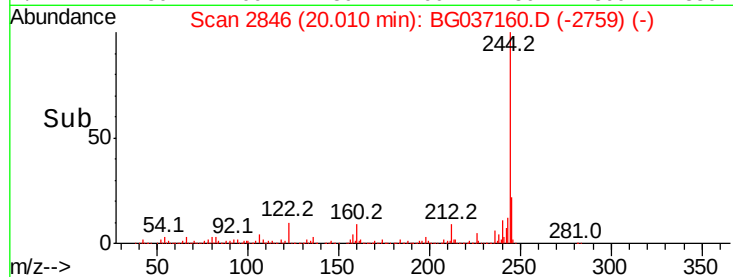
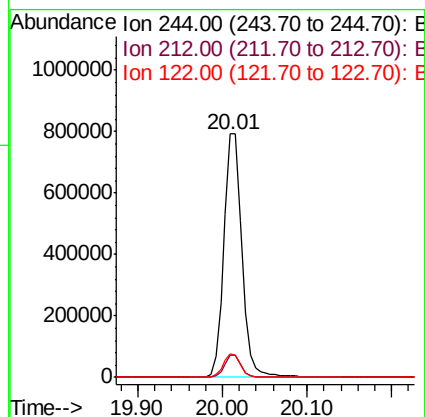
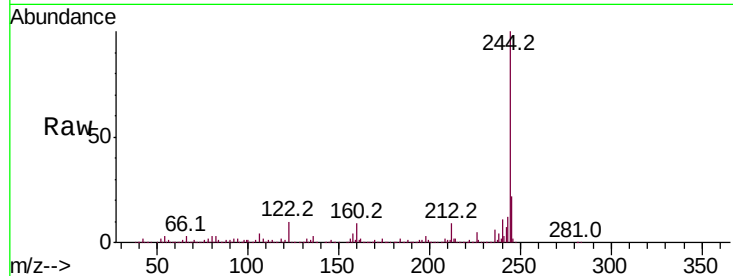


#78
 Terphenyl-d14
 Concen: 92.458 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BG037160.D
 Acq: 4 Oct 2018 18:10

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-C

Tot Ion:244 Resp: 1182859

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3673
 Delta R.T. -0.04 min
 Lab File: BG037160.D
 Acq: 4 Oct 2018 18:10

Tgt Ion:264 Resp: 330153

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	20.8	17.4	26.0

