

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035740.D
 Acq On : 19 Jul 2018 6:16
 Operator : JU/SJ
 Sample : J4016-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB3-U-23-13

Quant Time: Jul 19 07:23:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47170	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	166311	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	112790	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	333501	20.00	ng	0.00
75) Chrysene-d12	21.67	240	387738	20.00	ng	0.00
86) Perylene-d12	24.88	264	352814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	349330	122.95	ng	0.00
7) Phenol-d6	7.21	99	437246	103.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	362032	90.94	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	223039	150.03	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	800446	95.08	ng	0.00
78) Terphenyl-d14	20.01	244	1662841	94.53	ng	0.00

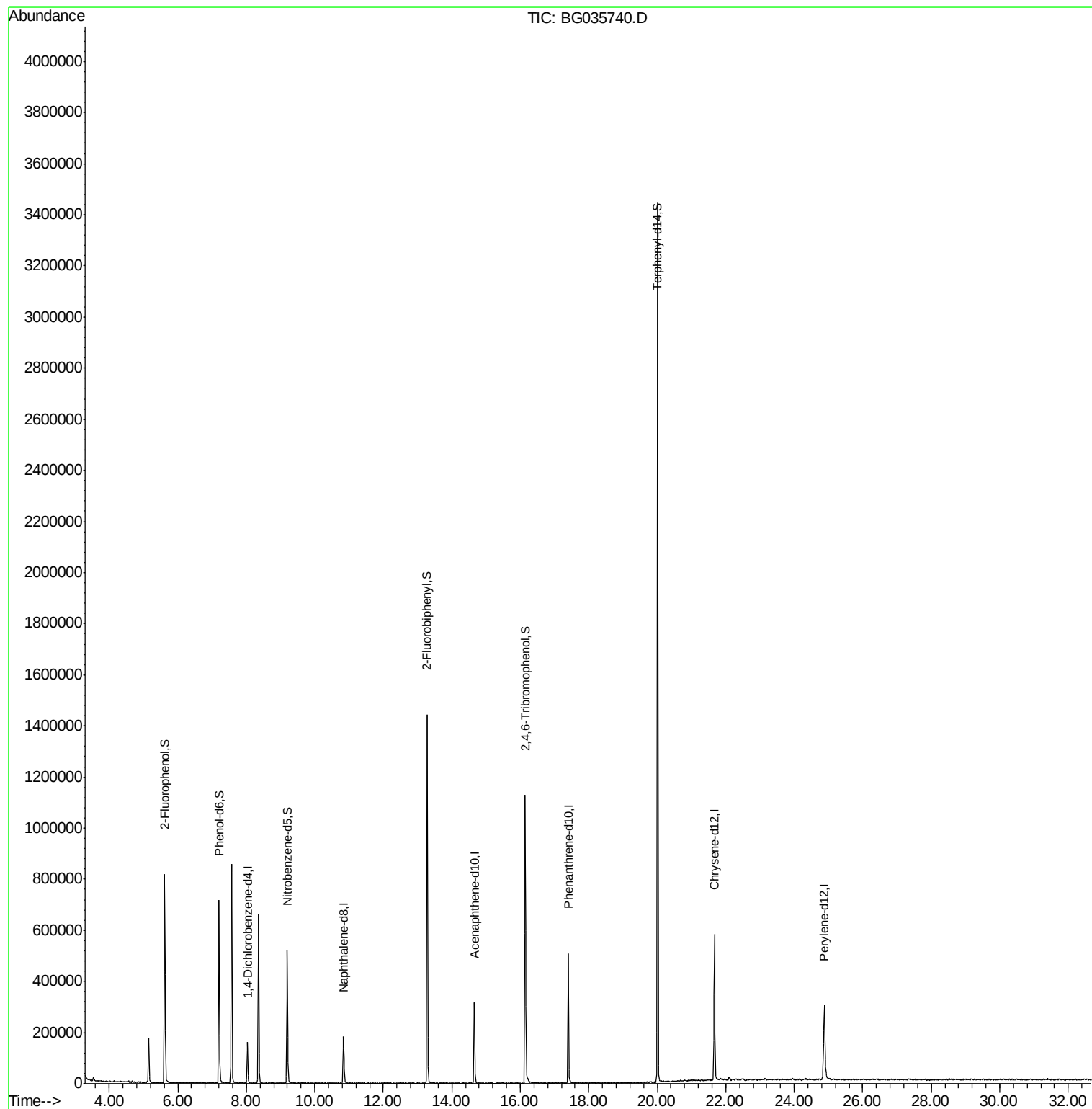
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG035740.D

Acq: 19 Jul 2018 6:16

Instrument :

BNA_G

ClientSampleId :

SB3-U-23-13

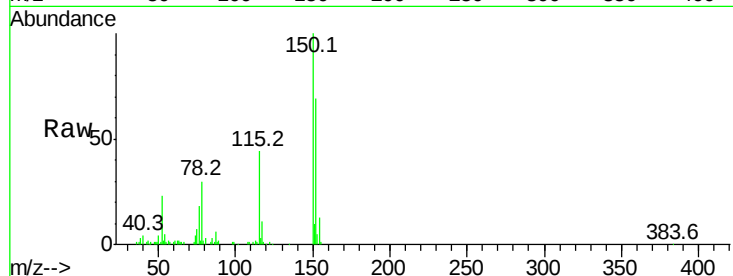
Tot Ion:152 Resp: 47170

Ion Ratio Lower Upper

152 100

150 145.1 126.6 189.8

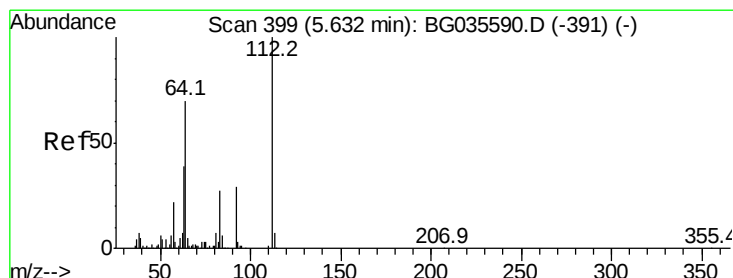
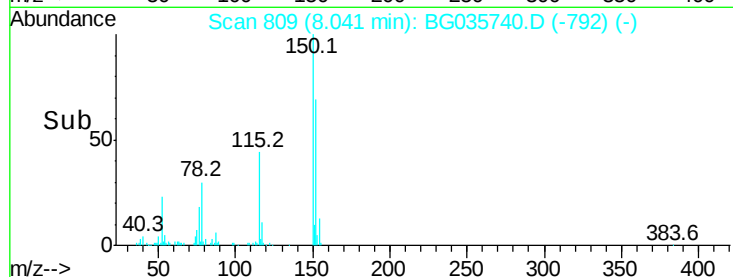
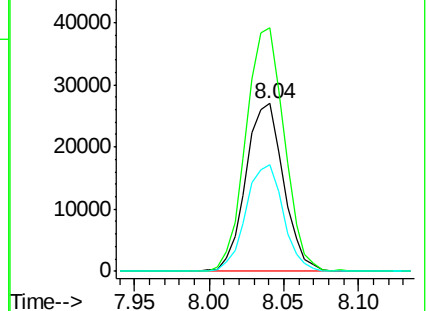
115 63.9 53.0 79.4



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: 122.953 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG035740.D

Acq: 19 Jul 2018 6:16

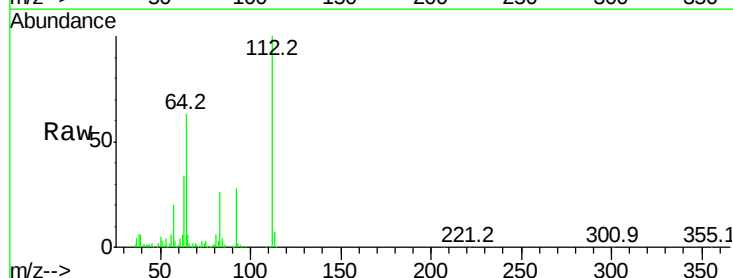
Tgt Ion:112 Resp: 349330

Ion Ratio Lower Upper

112 100

64 63.5 56.3 84.5

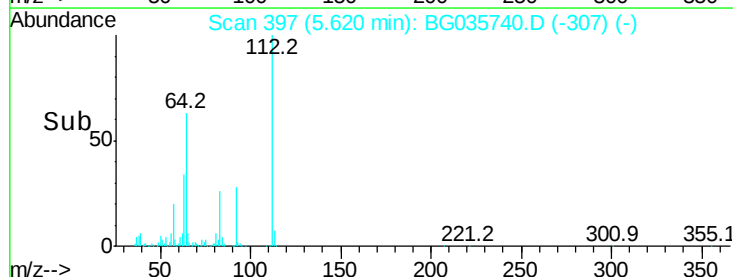
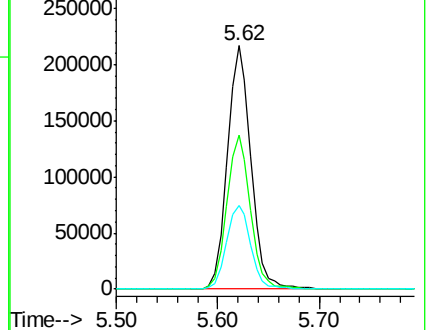
63 34.3 30.1 45.1

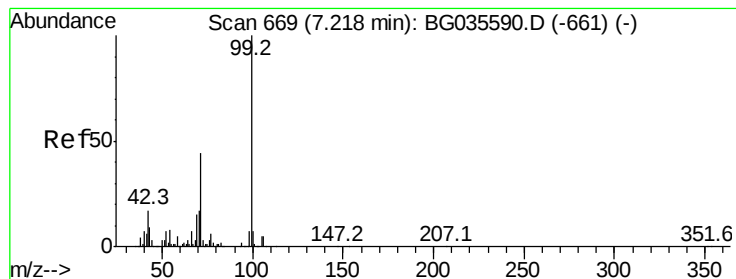


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.149 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035740.D

Acq: 19 Jul 2018 6:16

Instrument :

BNA_G

ClientSampleId :

SB3-U-23-13

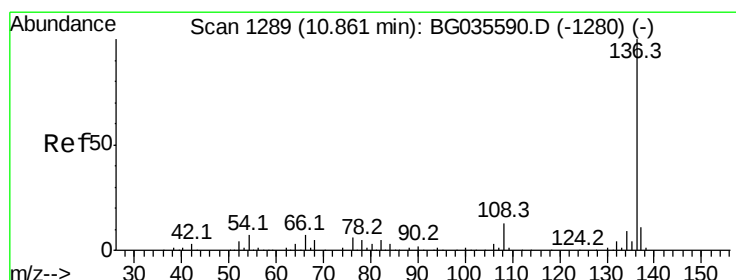
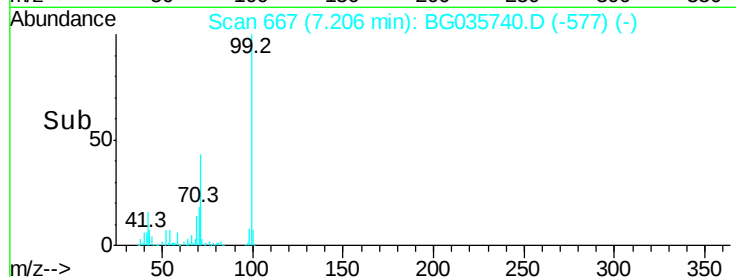
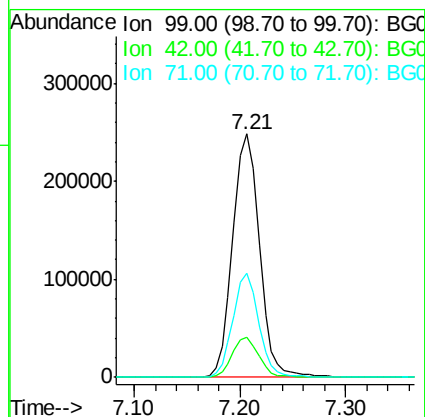
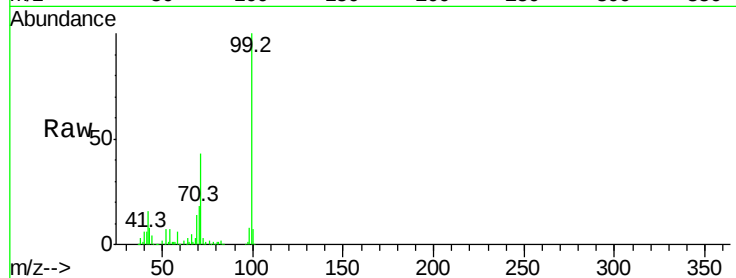
Tot Ion: 99 Resp: 437246

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 42.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BG035740.D

Acq: 19 Jul 2018 6:16

Tgt Ion: 136 Resp: 166311

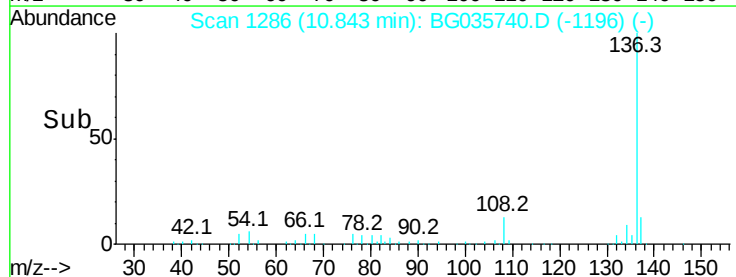
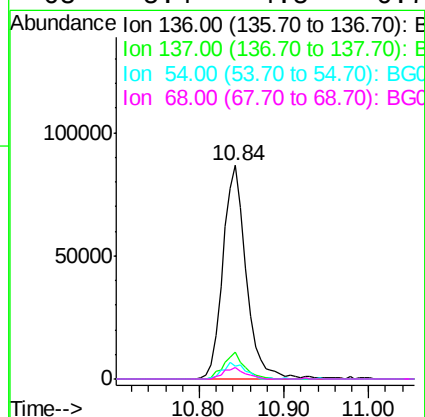
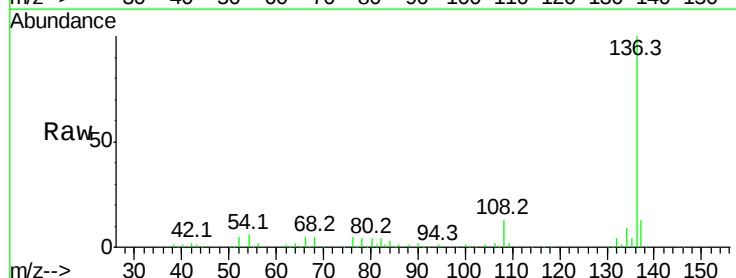
Ion Ratio Lower Upper

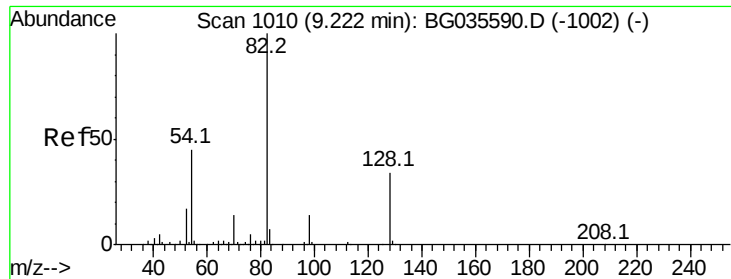
136 100

137 12.7 9.2 13.8

54 5.8 10.3 15.5#

68 5.4 4.5 6.7

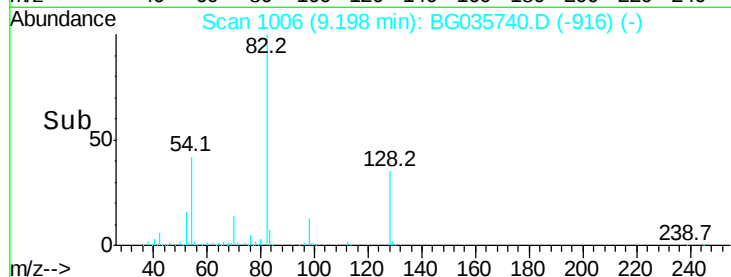
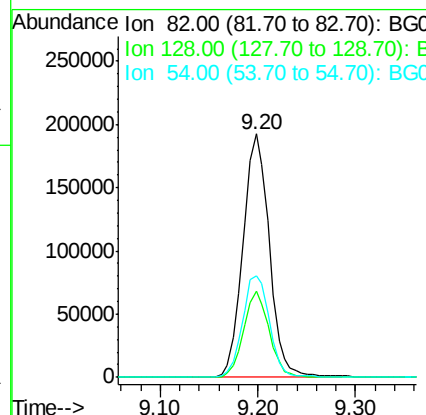
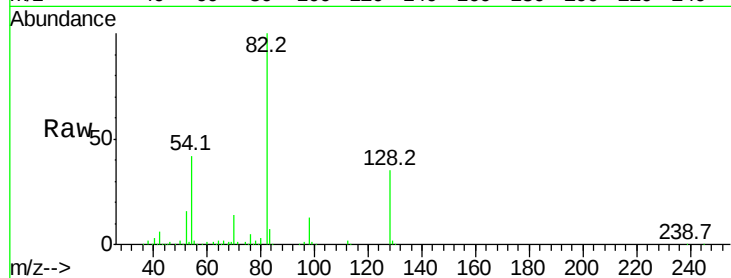




#23
Nitrobenzene-d5
Concen: 90.937 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035740.D
Acq: 19 Jul 2018 6:16

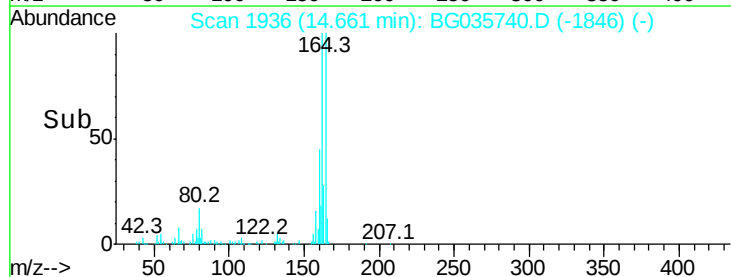
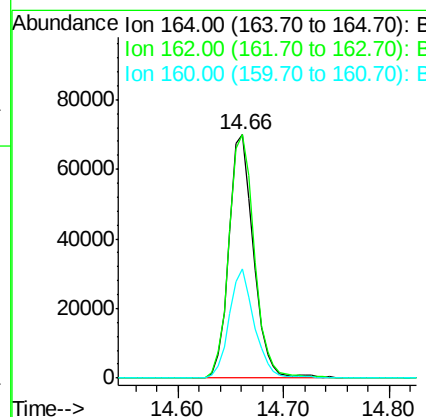
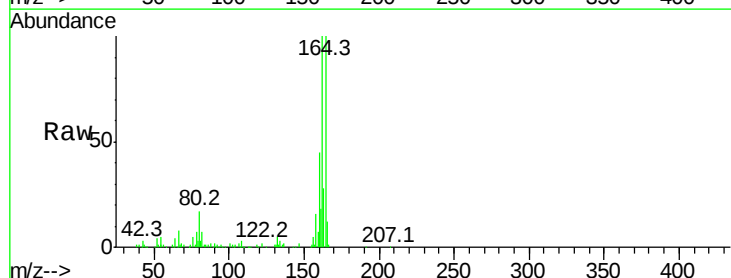
Instrument :
BNA_G
ClientSampleId :
SB3-U-23-13

Tot Ion: 82 Resp: 362032
Ion Ratio Lower Upper
82 100
128 35.2 29.7 44.5
54 41.7 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG035740.D
Acq: 19 Jul 2018 6:16

Tgt Ion: 164 Resp: 112790
Ion Ratio Lower Upper
164 100
162 100.1 78.8 118.2
160 45.0 35.4 53.0

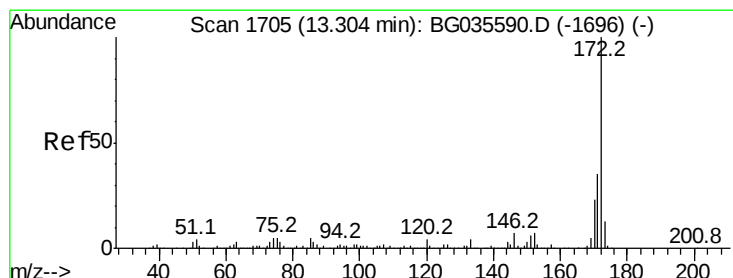
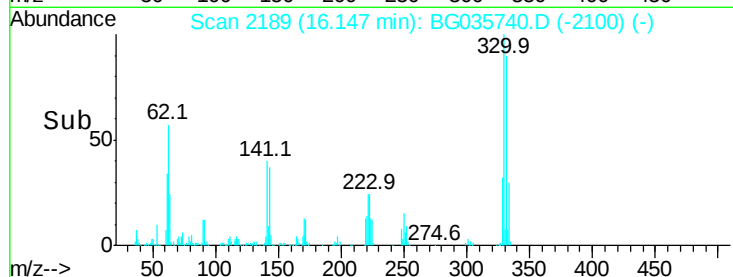
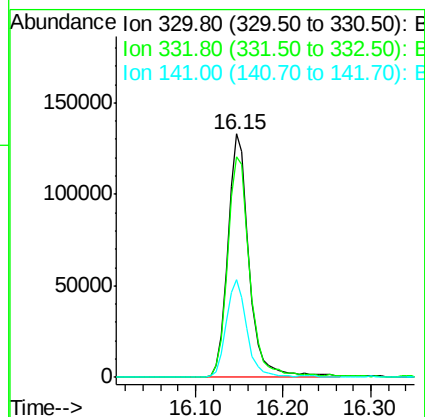
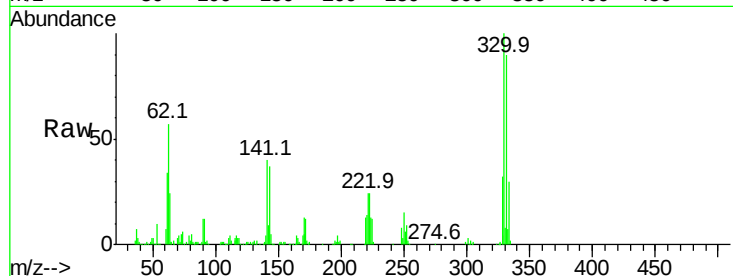




#41
 2,4,6-Tribromophenol
 Concen: 150.028 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG035740.D
 Acq: 19 Jul 2018 6:16

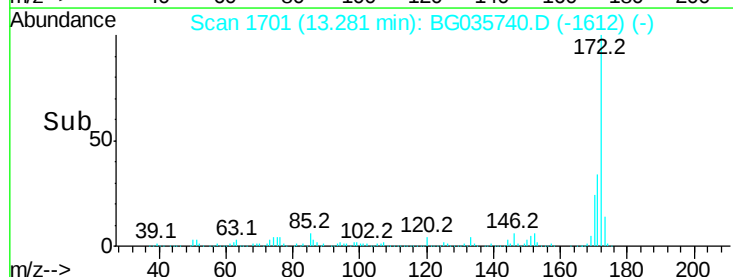
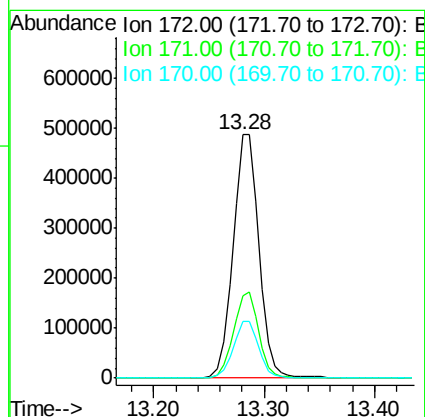
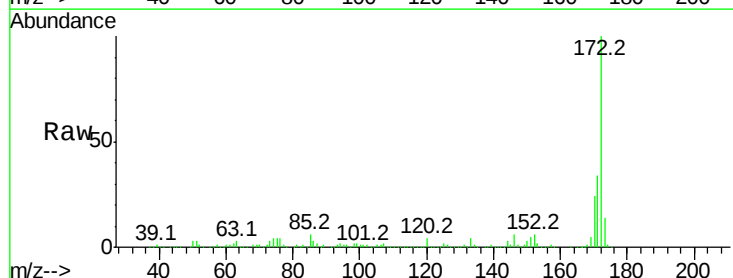
Instrument :
 BNA_G
 ClientSampleId :
 SB3-U-23-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	38.8	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 95.078 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG035740.D
 Acq: 19 Jul 2018 6:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	23.6	19.5	29.3

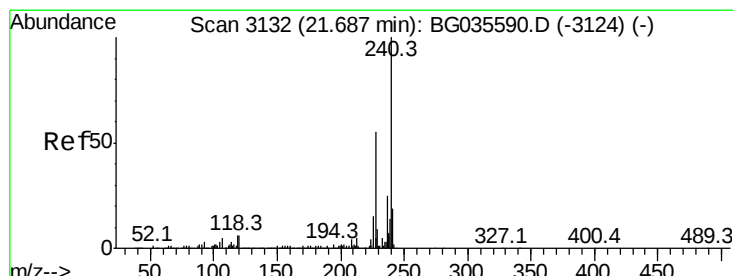
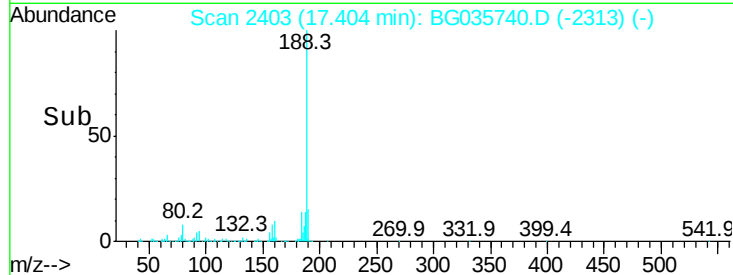
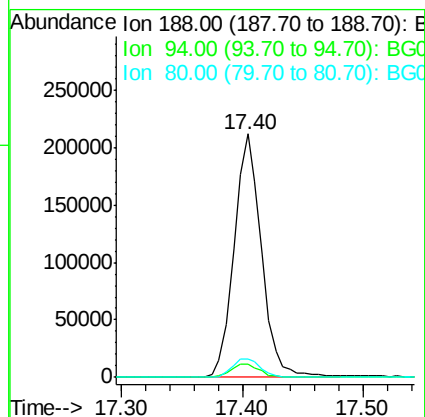
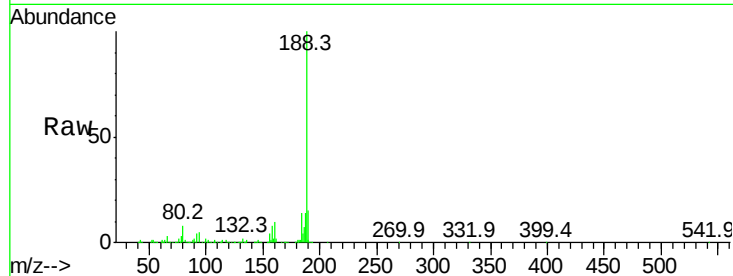




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035740.D
Acq: 19 Jul 2018 6:16

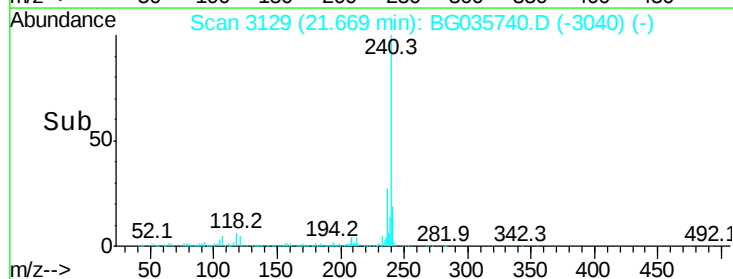
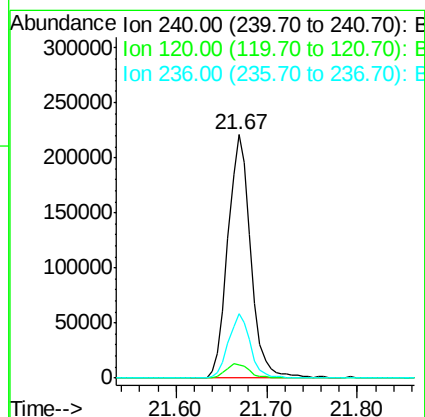
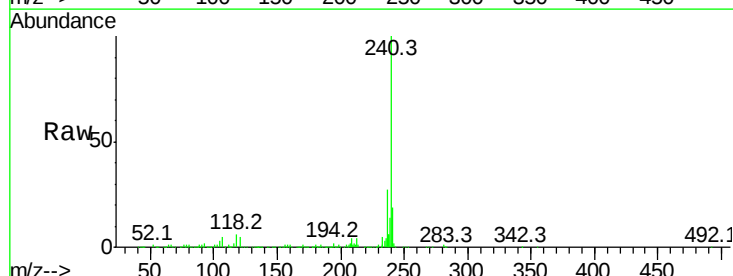
Instrument :
BNA_G
ClientSampled :
SB3-U-23-13

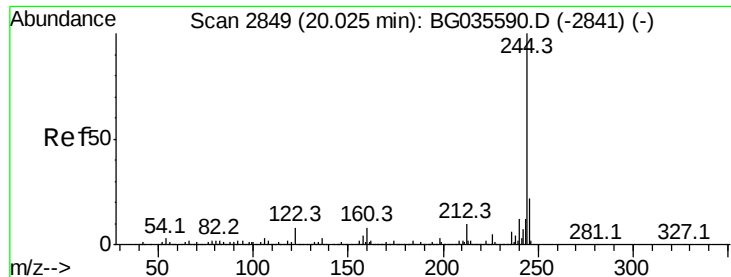
Tot Ion:188 Resp: 333501
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG035740.D
Acq: 19 Jul 2018 6:16

Tgt Ion:240 Resp: 387738
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 26.7 20.9 31.3

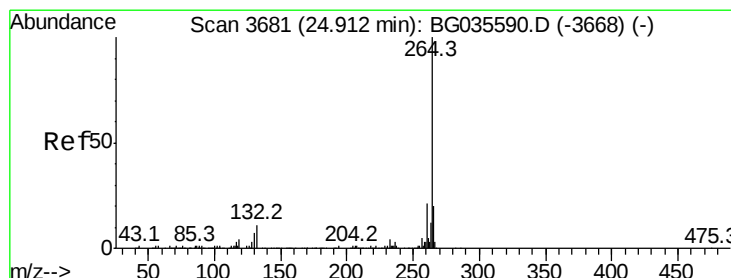
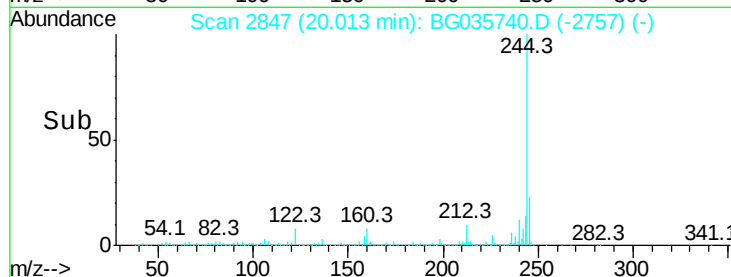
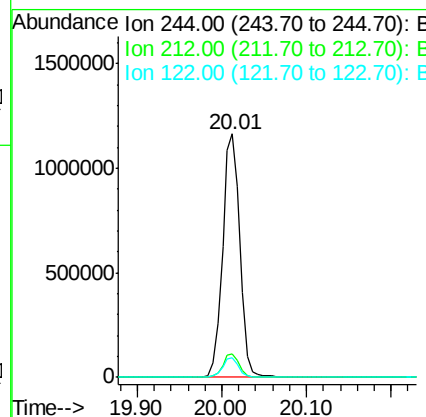
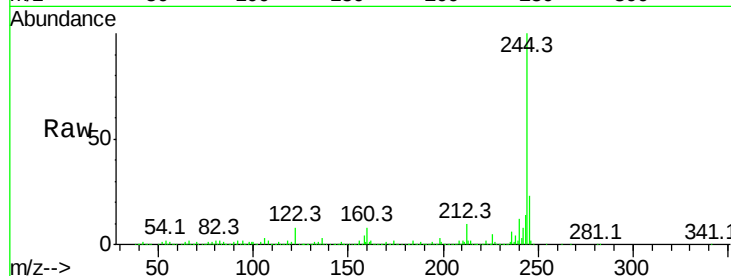




#78
 Terphenyl-d14
 Concen: 94.533 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. 0.00 min
 Lab File: BG035740.D
 Acq: 19 Jul 2018 6:16

Instrument :
 BNA_G
 ClientSampleId :
 SB3-U-23-13

Tot Ion:244 Resp: 1662841
 Ion Ratio Lower Upper
 244 100
 212 9.8 5.8 8.8#
 122 7.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.01 min
 Lab File: BG035740.D
 Acq: 19 Jul 2018 6:16

Tgt Ion:264 Resp: 352814
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 23.9 17.7 26.5

