

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036025.D
 Acq On : 1 Aug 2018 6:28
 Operator : JU/SJ
 Sample : J3825-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-B

Quant Time: Aug 01 07:39:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41639	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	140659	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	97286	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	271149	20.00	ng	0.00
75) Chrysene-d12	21.65	240	300976	20.00	ng	0.00
86) Perylene-d12	24.85	264	273213	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	281309	112.16	ng	0.00
7) Phenol-d6	7.19	99	353584	94.49	ng	0.00
23) Nitrobenzene-d5	9.18	82	293458	87.15	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	178586	139.27	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	667292	91.89	ng	0.00
78) Terphenyl-d14	20.00	244	1262794	92.49	ng	0.00

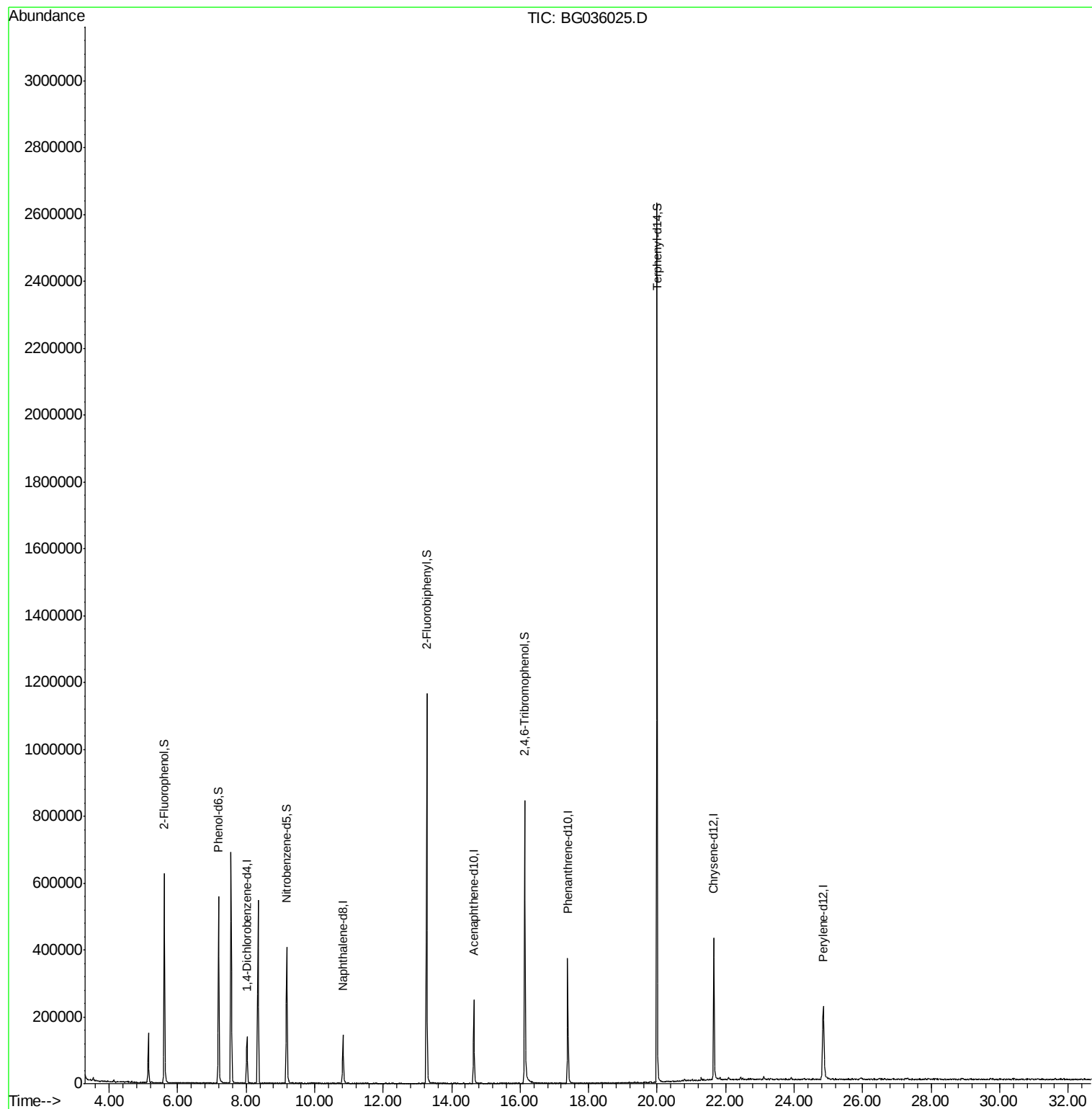
Target Compounds Qvalue

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

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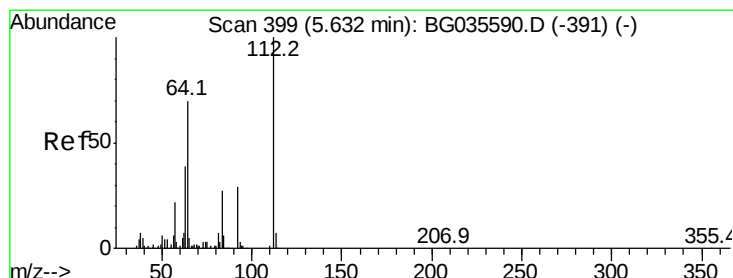
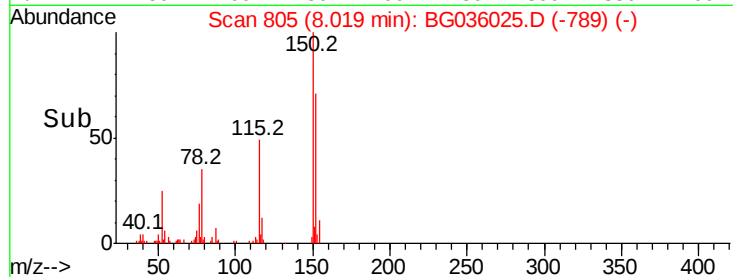
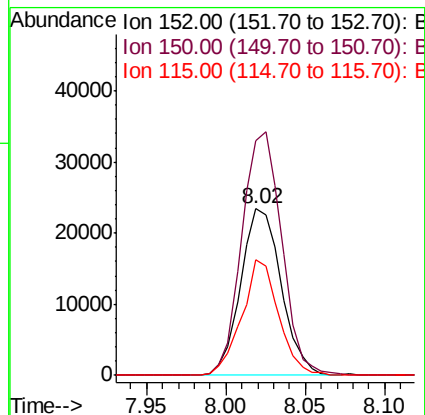
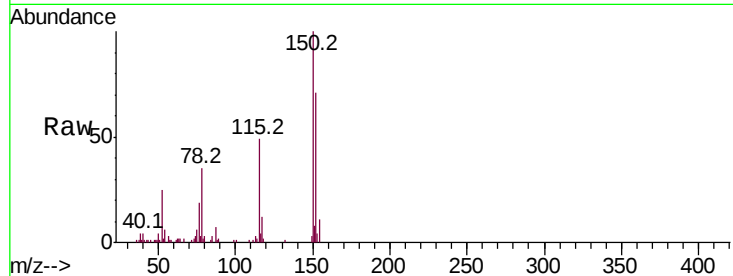


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036025.D
Acq: 1 Aug 2018 6:28

Instrument :
BNA_G
ClientSampleId :
CL-01-073018-B

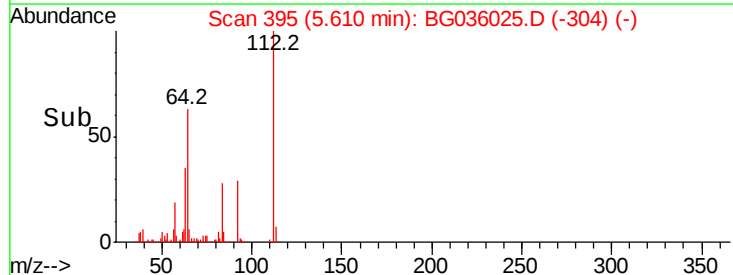
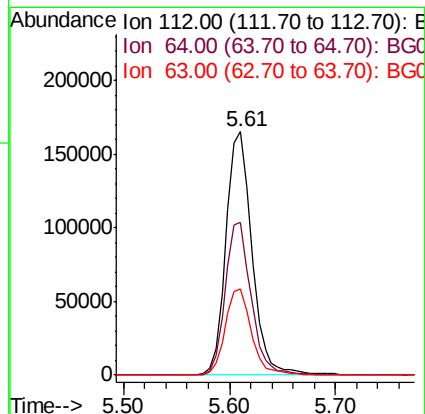
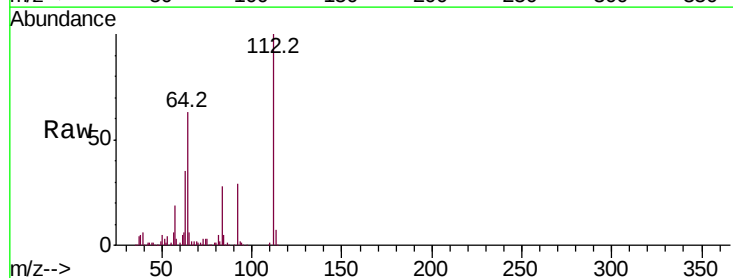
Tot Ion	Ratio	Lower	Upper
152	100		
150	140.8	126.6	189.8
115	69.4	53.0	79.4

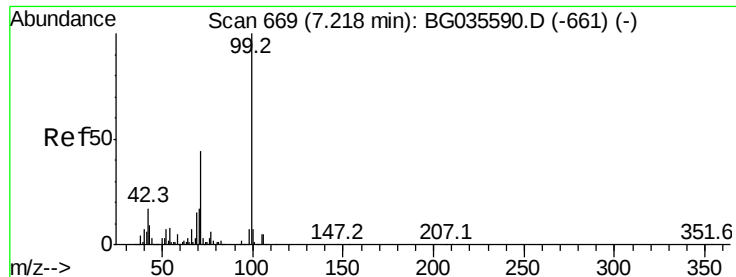


#5

2-Fluorophenol
Concen: 112.164 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG036025.D
Acq: 1 Aug 2018 6:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.3	84.5
63	35.5	30.1	45.1





#7

Phenol-d6

Concen: 94.492 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036025.D

Acq: 1 Aug 2018 6:28

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-B

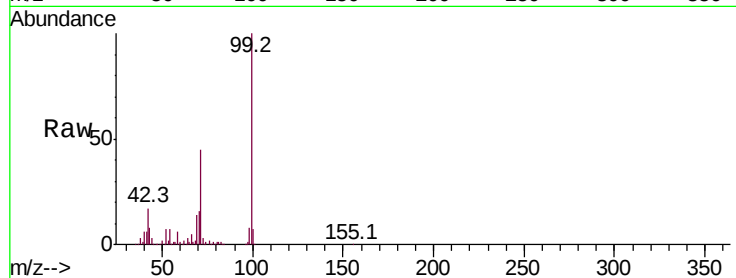
Tot Ion: 99 Resp: 353584

Ion Ratio Lower Upper

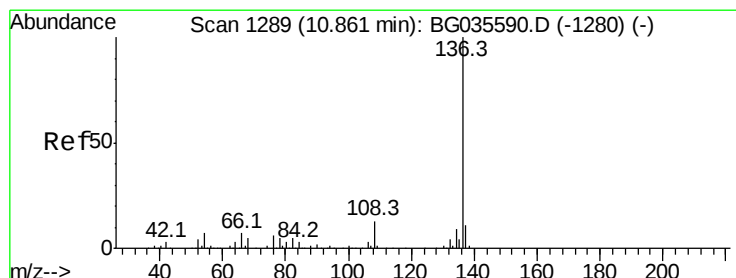
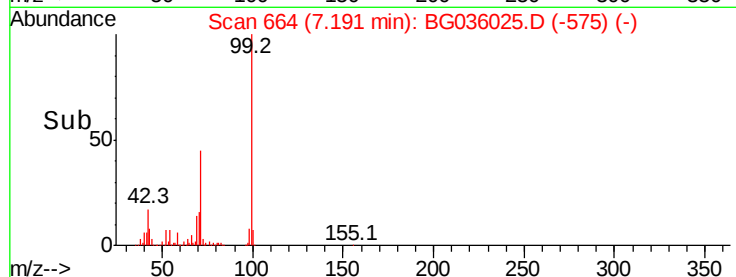
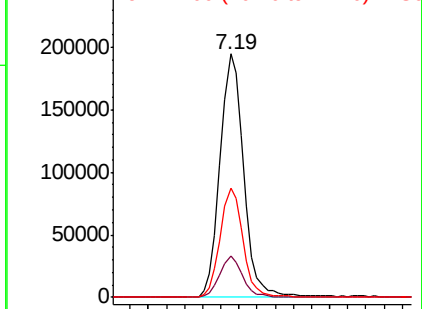
99 100

42 16.9 14.1 21.1

71 44.8 26.1 39.1#



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: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036025.D

Acq: 1 Aug 2018 6:28

Tgt Ion: 136 Resp: 140659

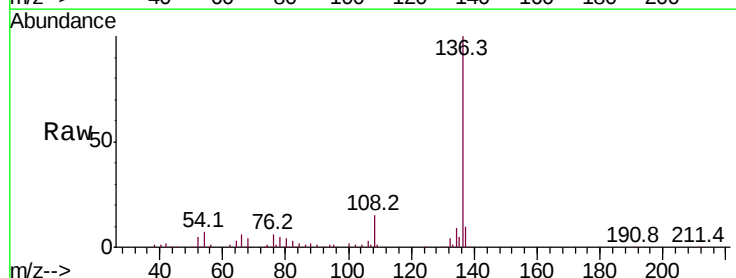
Ion Ratio Lower Upper

136 100

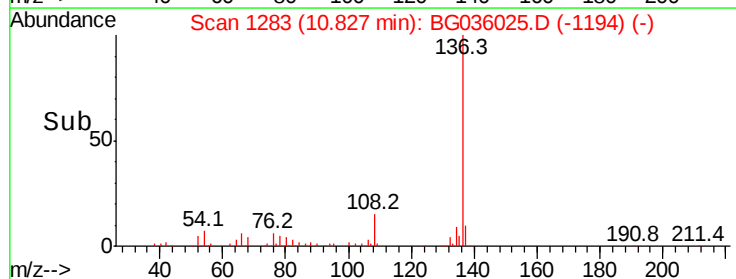
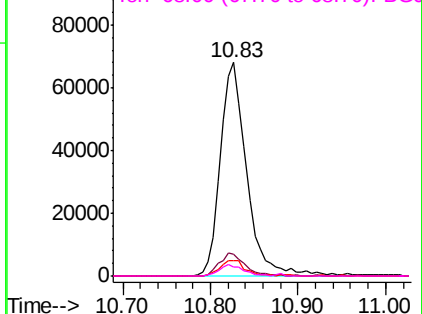
137 10.2 9.2 13.8

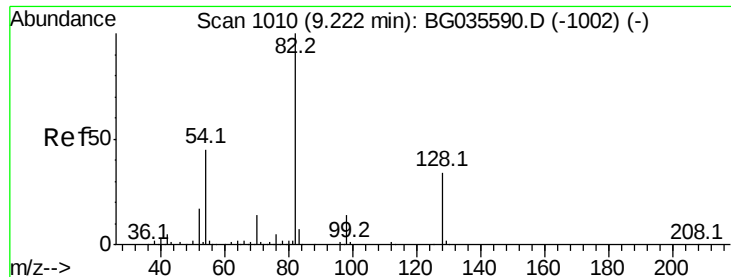
54 7.4 10.3 15.5#

68 4.5 4.5 6.7#



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

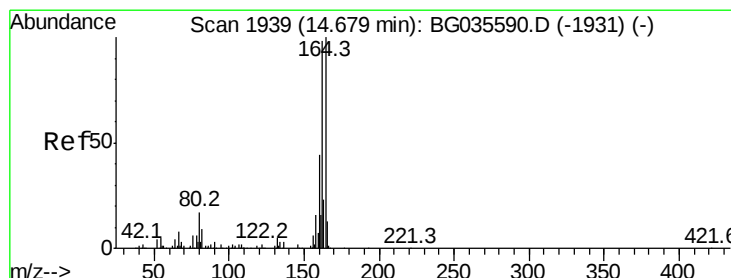
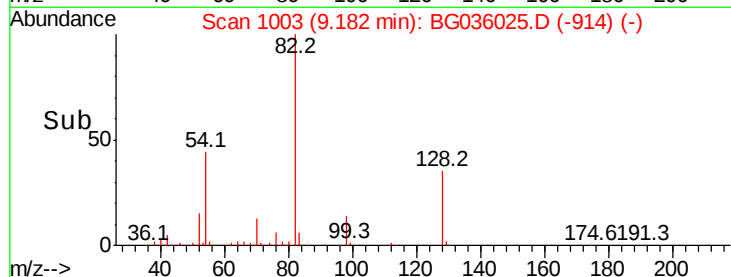
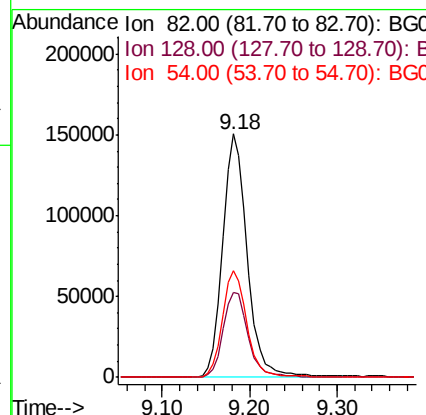
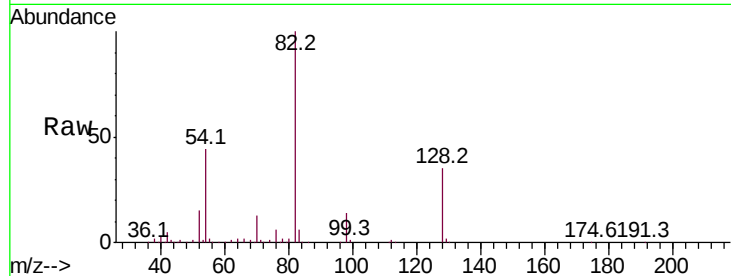




#23
Nitrobenzene-d5
Concen: 87.155 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036025.D
Acq: 1 Aug 2018 6:28

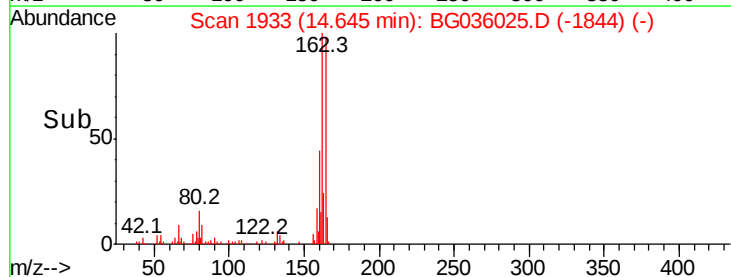
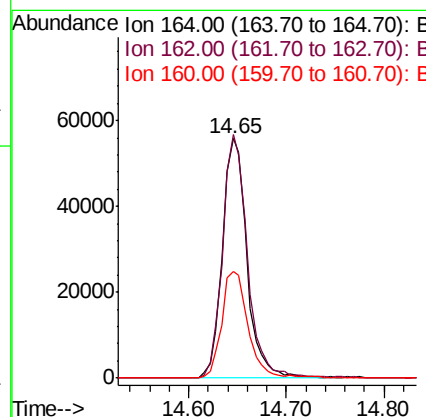
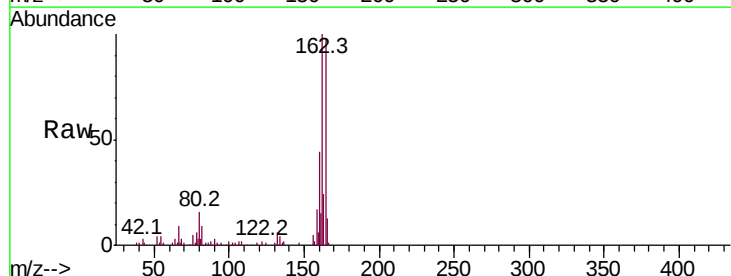
Instrument :
BNA_G
ClientSampleId :
CL-01-073018-B

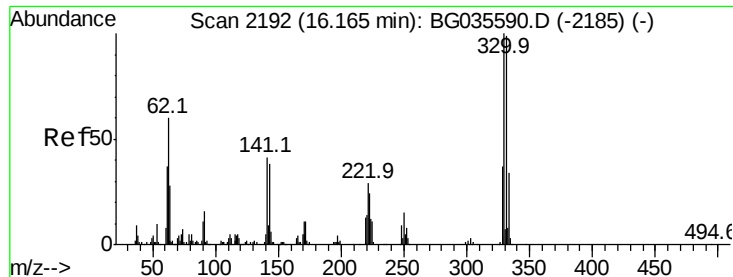
Tot Ion	82	Resp	293458
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	43.7	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG036025.D
Acq: 1 Aug 2018 6:28

Tgt Ion	164	Resp	97286
Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	44.6	35.4	53.0

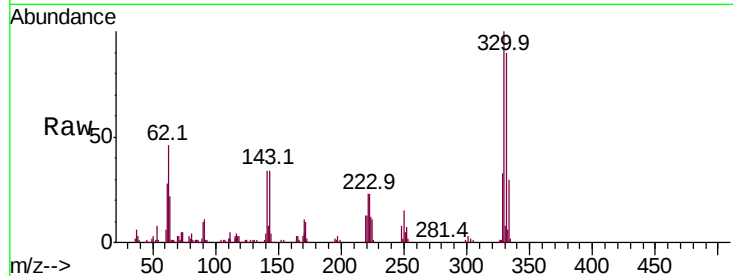




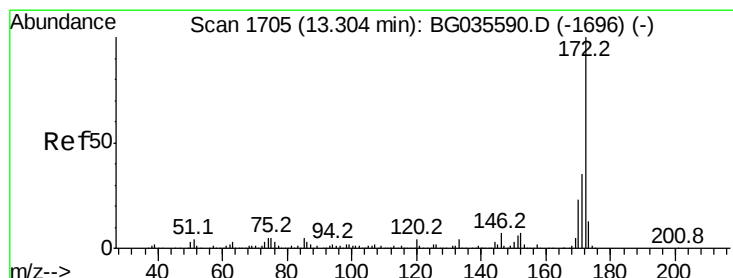
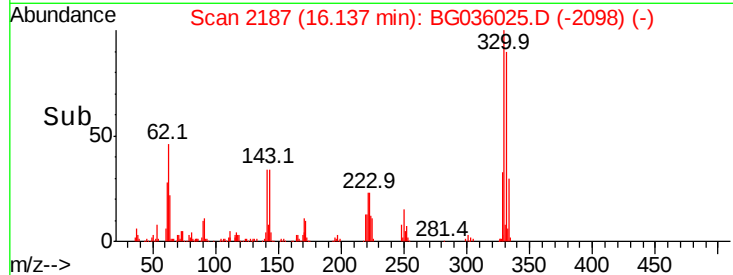
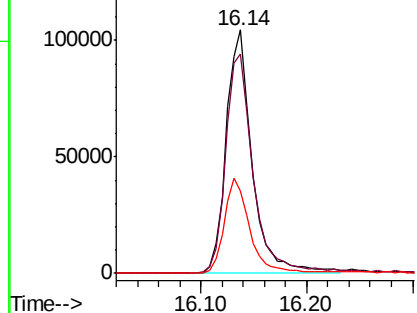
#41
 2,4,6-Tribromophenol
 Concen: 139.271 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036025.D
 Acq: 1 Aug 2018 6:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	38.0	25.2	37.8#

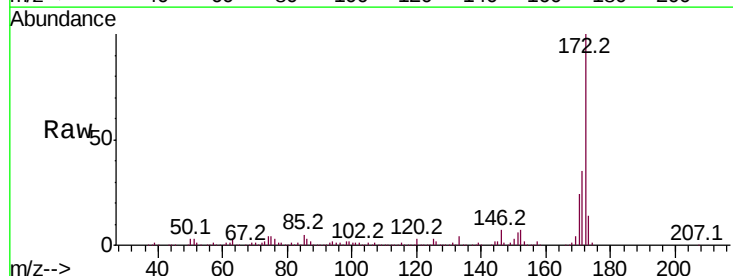


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

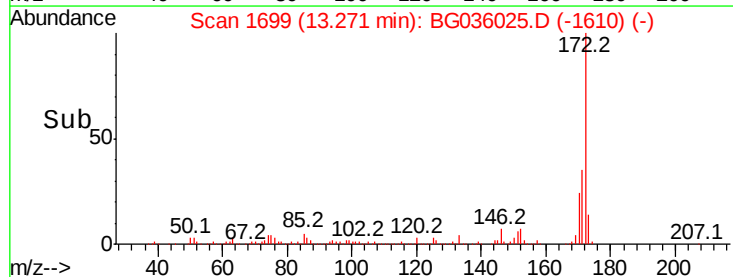
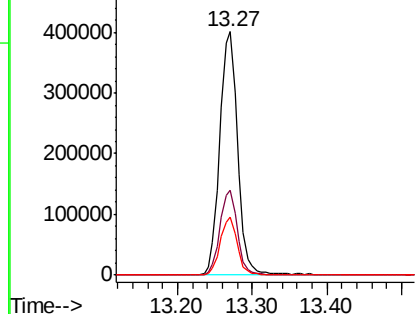


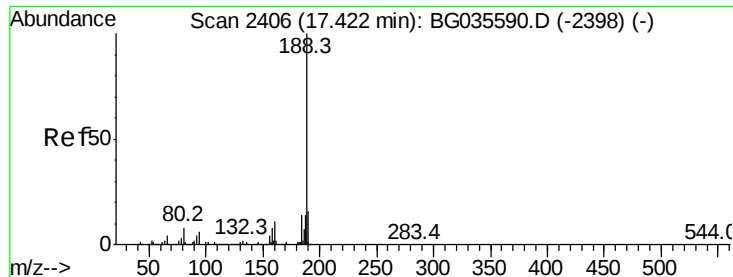
#44
 2-Fluorobiphenyl
 Concen: 91.894 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036025.D
 Acq: 1 Aug 2018 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	23.6	19.5	29.3



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

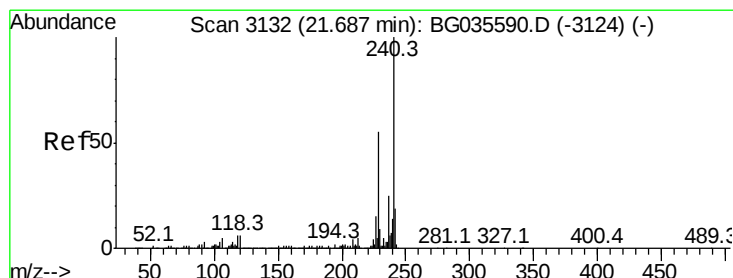
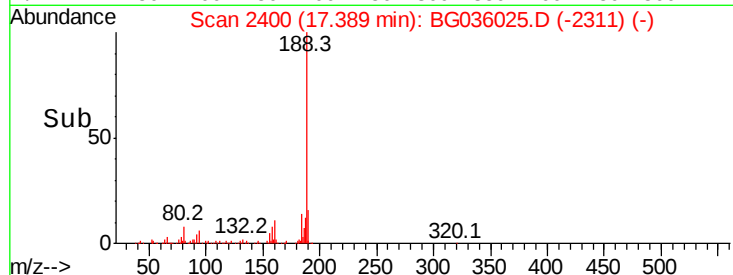
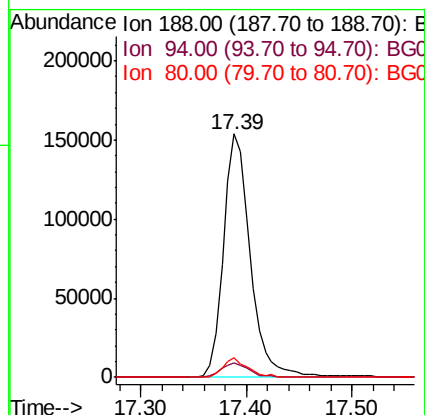
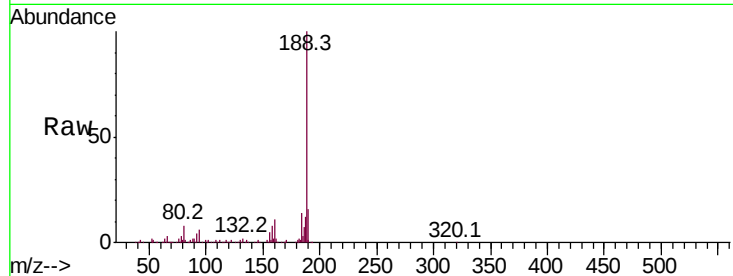




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036025.D
Acq: 1 Aug 2018 6:28

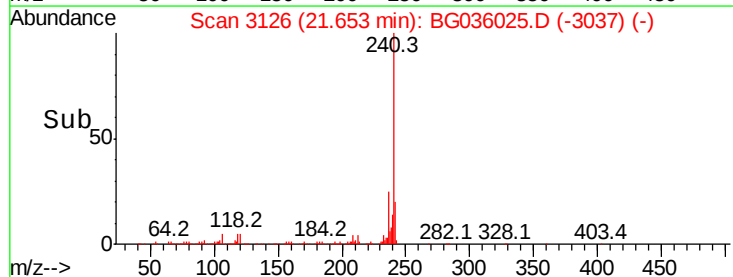
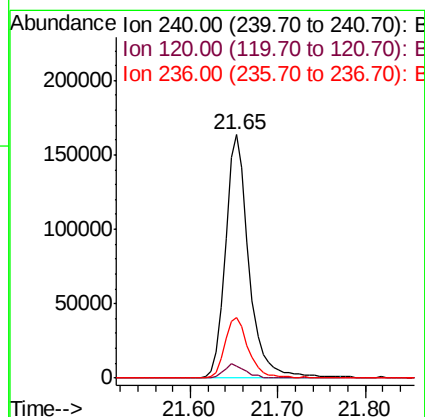
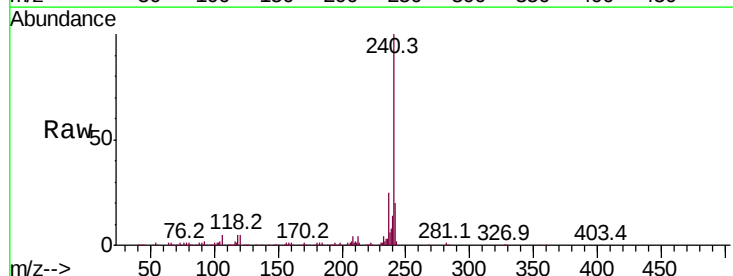
Instrument :
BNA_G
ClientSampleId :
CL-01-073018-B

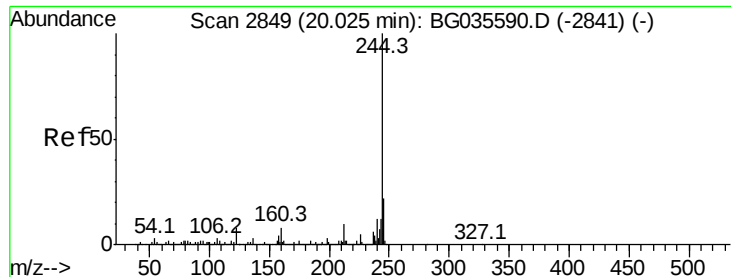
Tot Ion:188 Resp: 271149
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036025.D
Acq: 1 Aug 2018 6:28

Tgt Ion:240 Resp: 300976
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 92.485 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036025.D

Acq: 1 Aug 2018 6:28

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-B

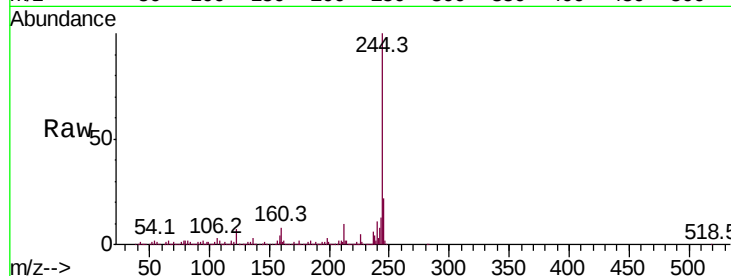
Tot Ion:244 Resp: 1262794

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

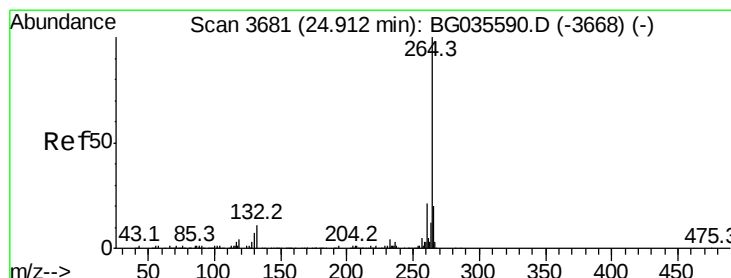
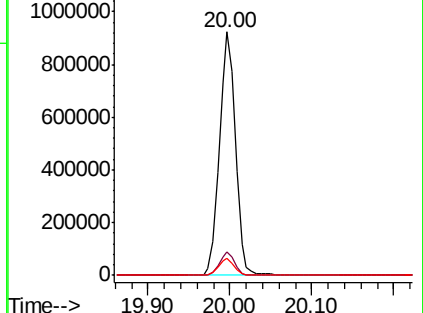
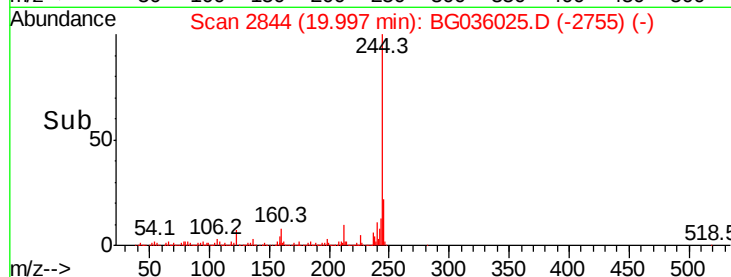
122 6.8 7.0 10.4#



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: 20.000 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036025.D

Acq: 1 Aug 2018 6:28

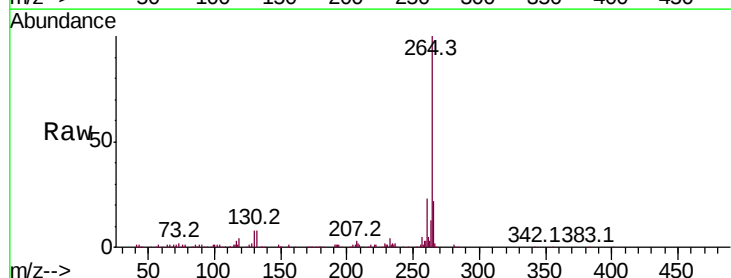
Tgt Ion:264 Resp: 273213

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.2 17.7 26.5



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

