

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036015.D
 Acq On : 31 Jul 2018 23:59
 Operator : JU/SJ
 Sample : J3825-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 01 01:44:56 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	38760	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	135830	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	94882	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	259087	20.00	ng	0.00
75) Chrysene-d12	21.65	240	278705	20.00	ng	0.00
86) Perylene-d12	24.85	264	258695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	302169	129.43	ng	0.00
7) Phenol-d6	7.19	99	378255	108.59	ng	0.00
23) Nitrobenzene-d5	9.18	82	315625	97.07	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	195040	155.96	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	718967	101.52	ng	0.00
78) Terphenyl-d14	20.00	244	1285112	101.64	ng	0.00

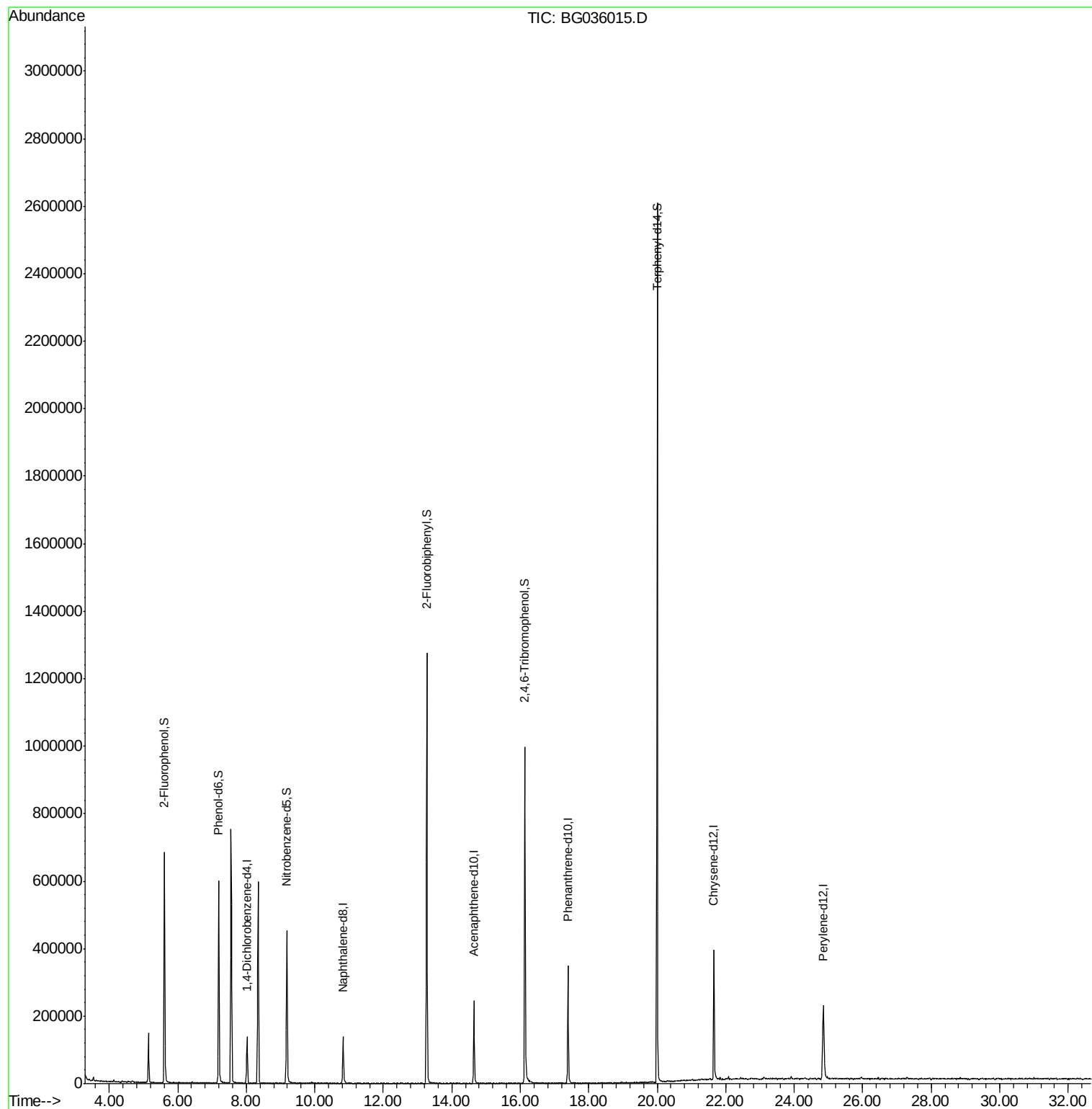
Target Compounds Qvalue

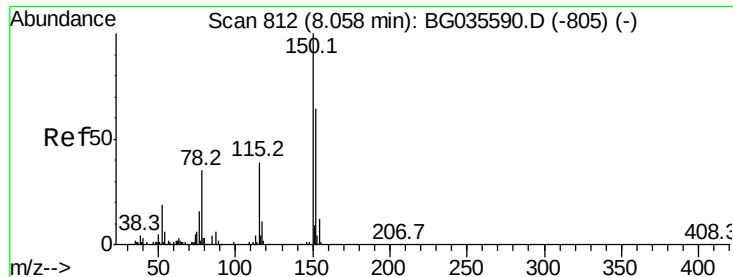
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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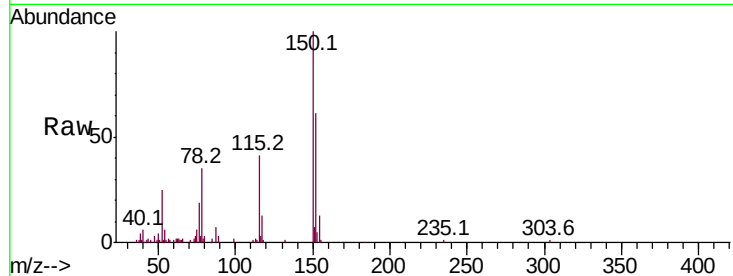


#1

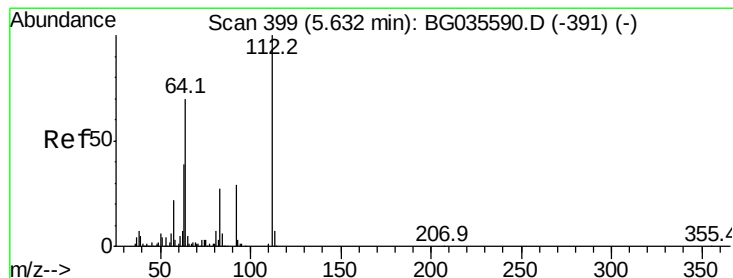
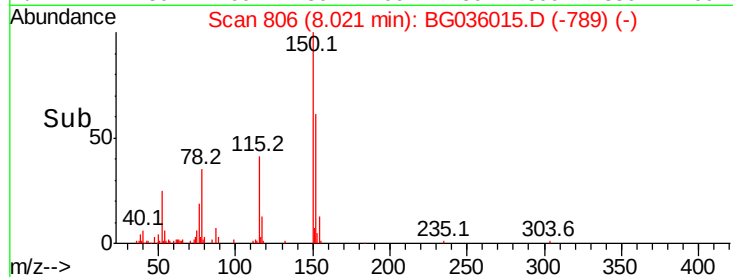
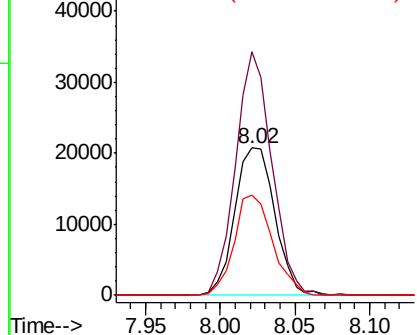
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036015.D
Acq: 31 Jul 2018 23:59

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

Tot Ion:152 Resp: 38760
Ion Ratio Lower Upper
152 100
150 165.3 126.6 189.8
115 67.8 53.0 79.4



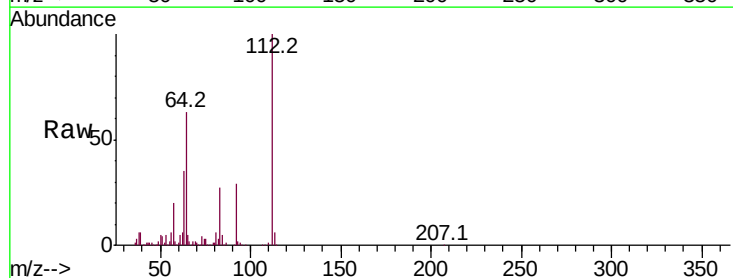
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



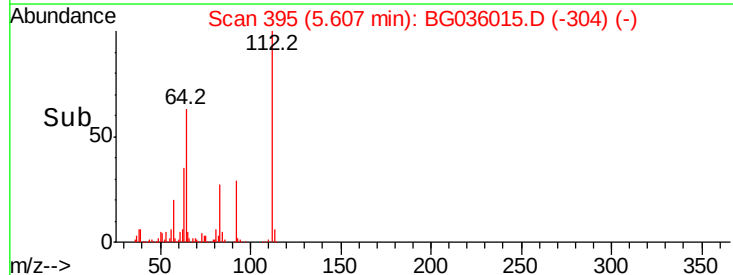
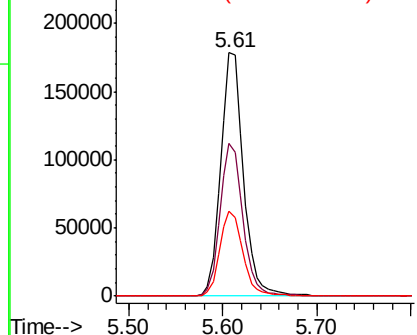
#5

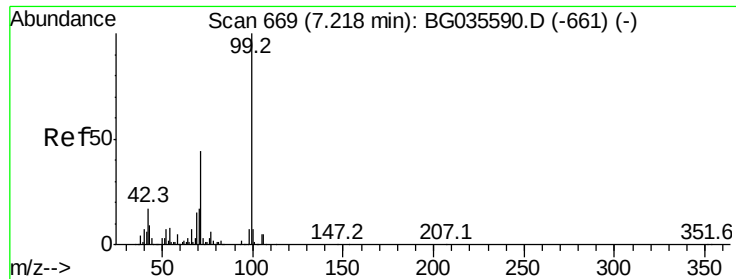
2-Fluorophenol
Concen: 129.430 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036015.D
Acq: 31 Jul 2018 23:59

Tgt Ion:112 Resp: 302169
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 34.8 30.1 45.1



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: 108.594 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036015.D

Acq: 31 Jul 2018 23:59

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-E

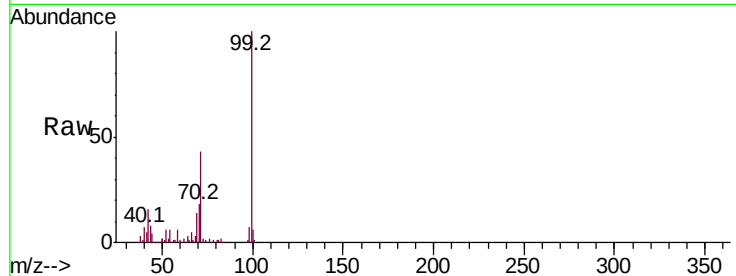
Tot Ion: 99 Resp: 378255

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

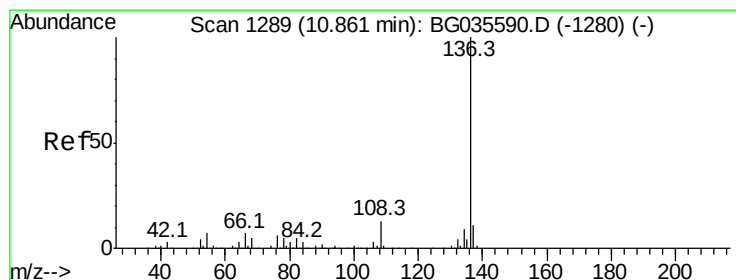
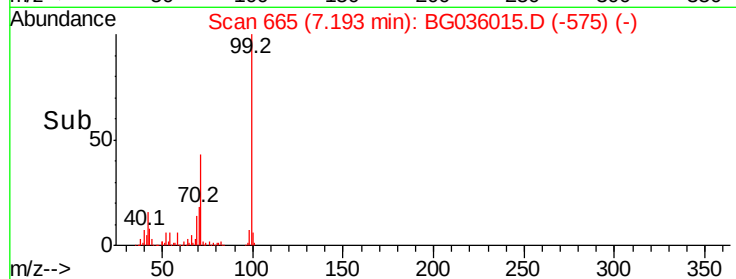
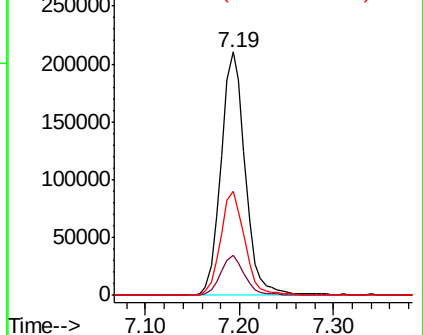
71 42.9 26.1 39.1#



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# 1284

Delta R.T. -0.00 min

Lab File: BG036015.D

Acq: 31 Jul 2018 23:59

Tgt Ion: 136 Resp: 135830

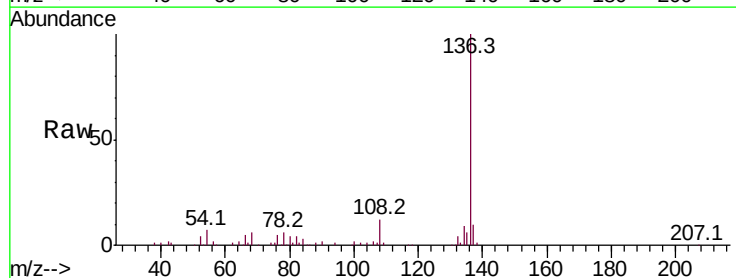
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 6.7 10.3 15.5#

68 5.8 4.5 6.7

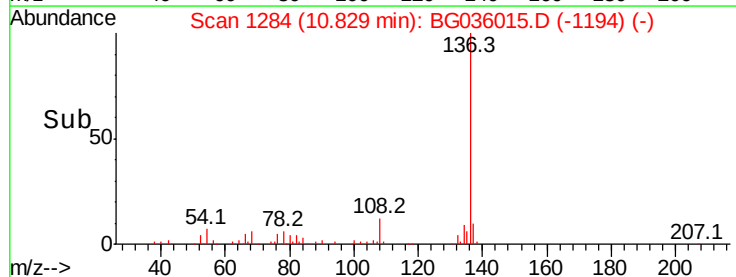
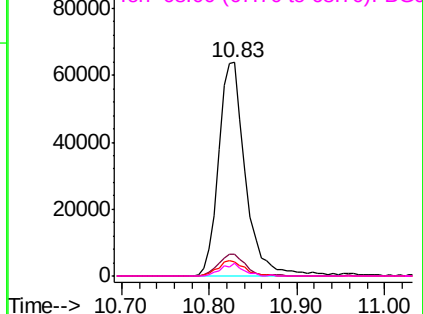


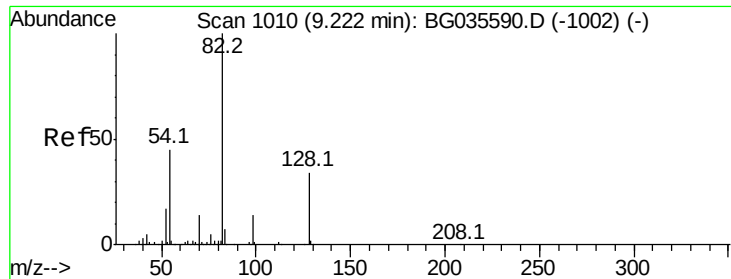
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

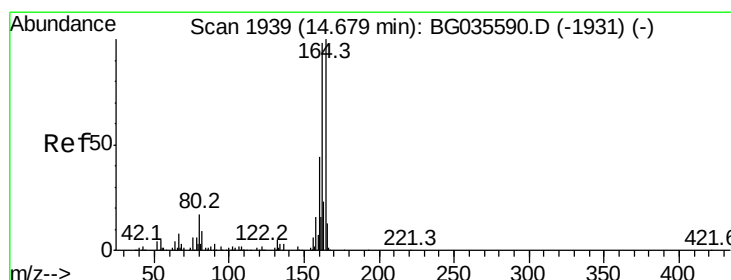
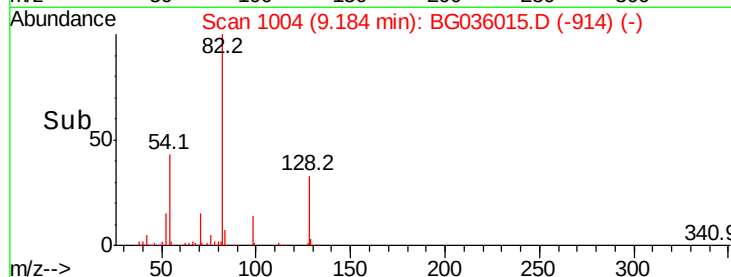
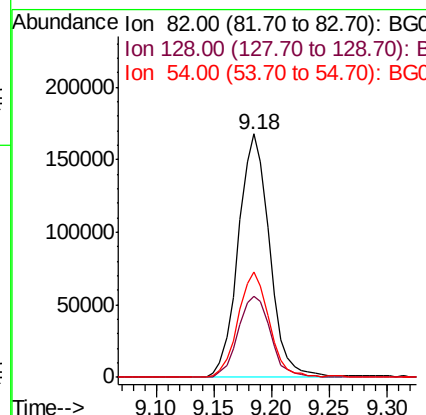
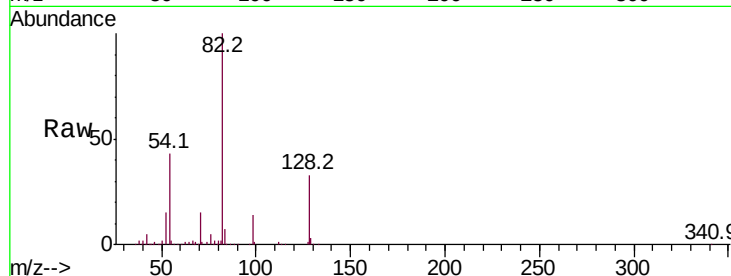




#23
Nitrobenzene-d5
Concen: 97.071 ng
RT: 9.18 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036015.D
Acq: 31 Jul 2018 23:59

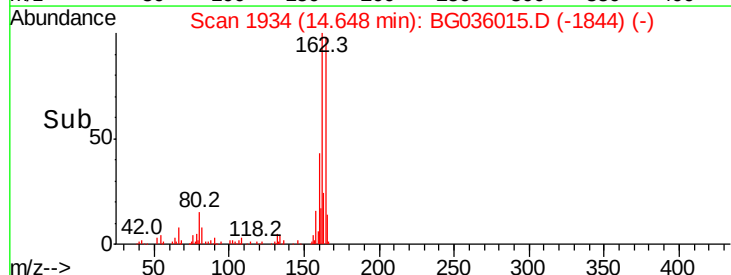
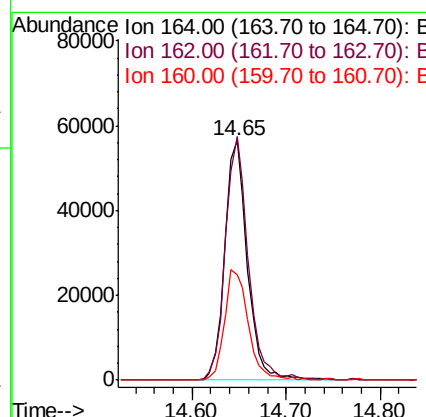
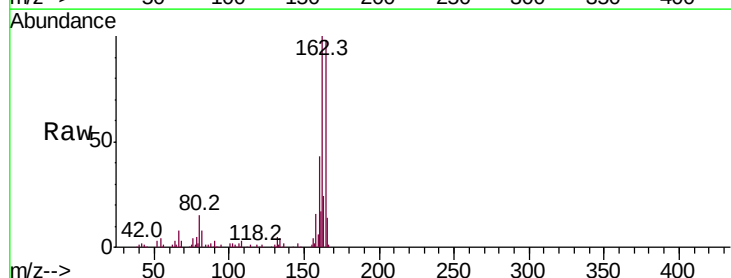
Instrument :
BNA_G
ClientSampleId :
CL-01-073018-E

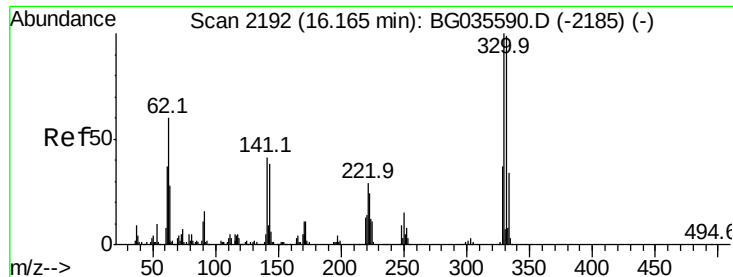
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	43.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG036015.D
Acq: 31 Jul 2018 23:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	43.9	35.4	53.0

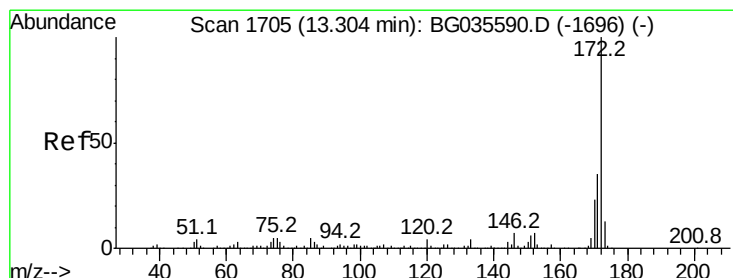
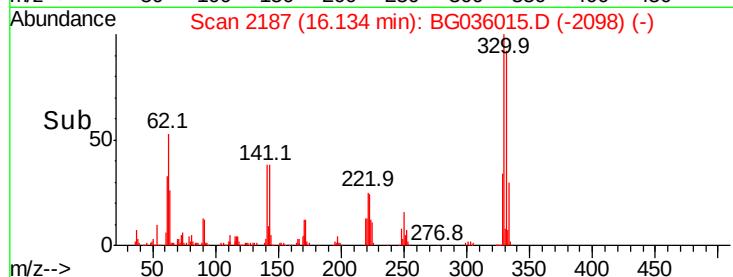
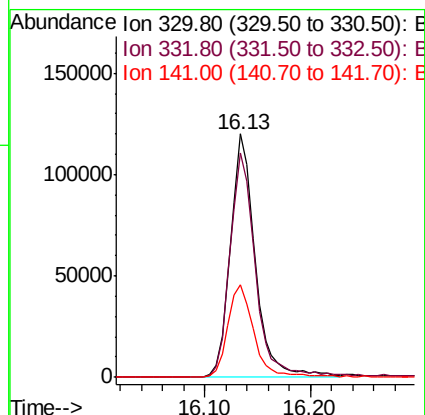
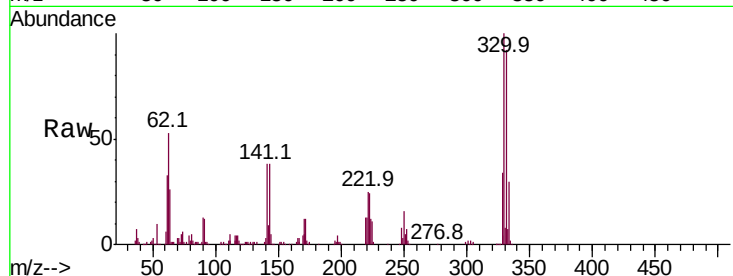




#41
 2,4,6-Tribromophenol
 Concen: 155.956 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036015.D
 Acq: 31 Jul 2018 23:59

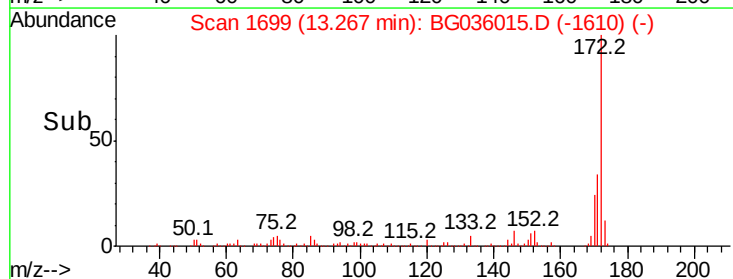
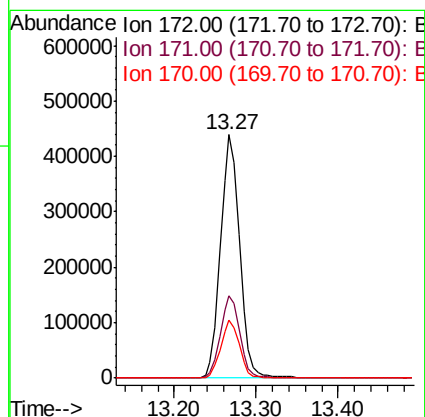
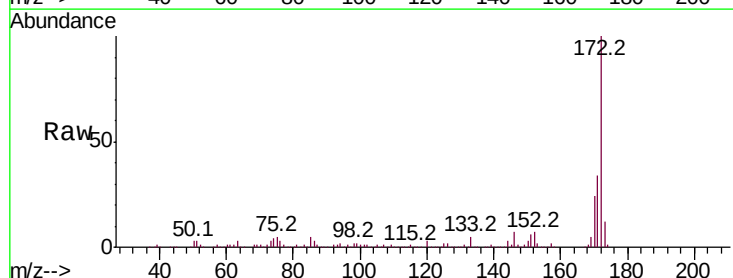
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-E

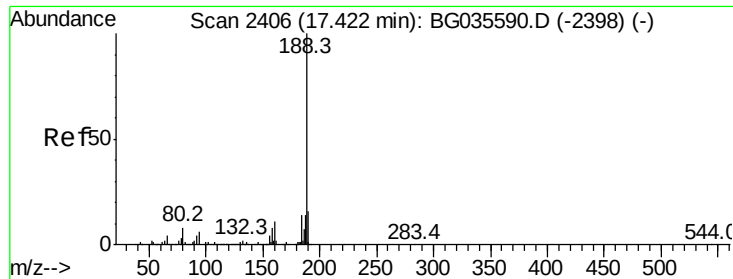
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	40.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 101.519 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036015.D
 Acq: 31 Jul 2018 23:59

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

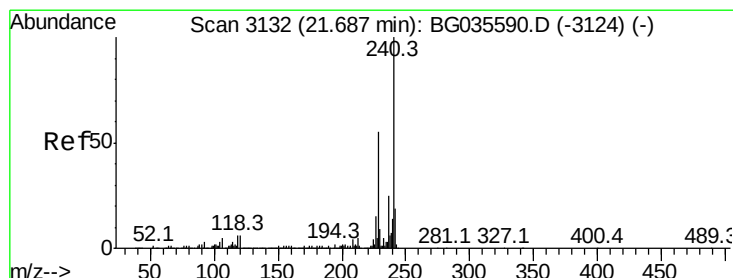
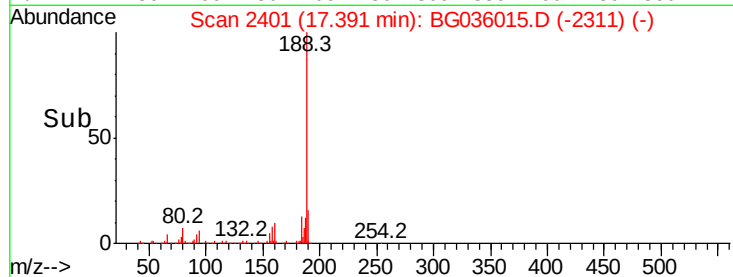
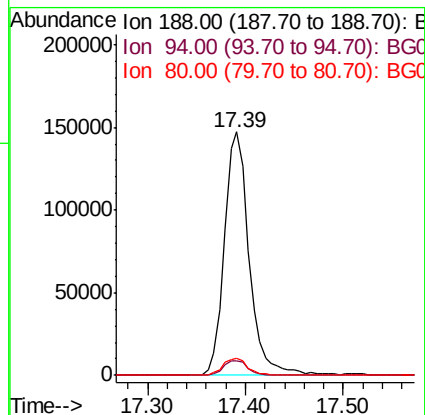
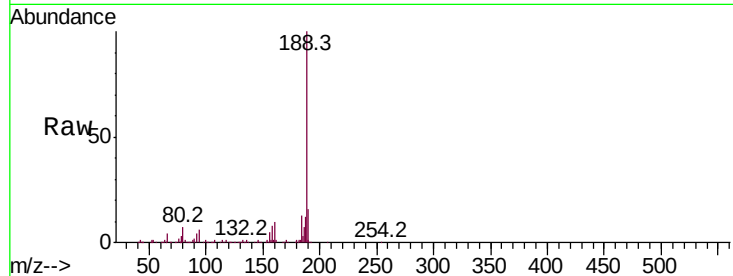




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG036015.D
 Acq: 31 Jul 2018 23:59

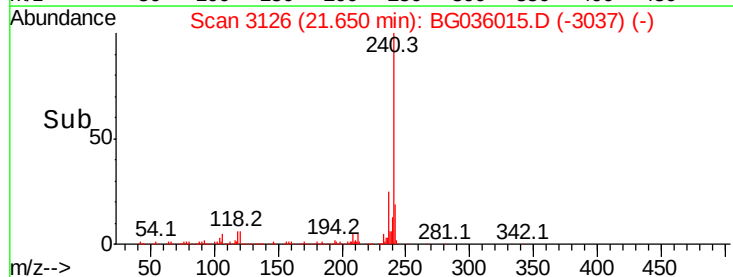
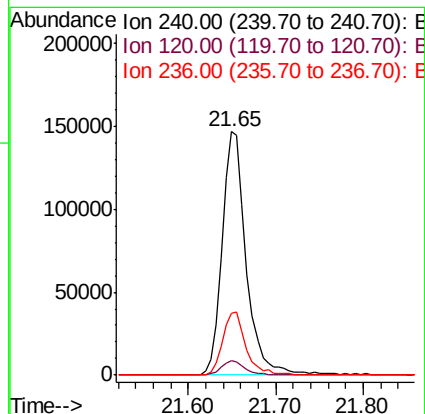
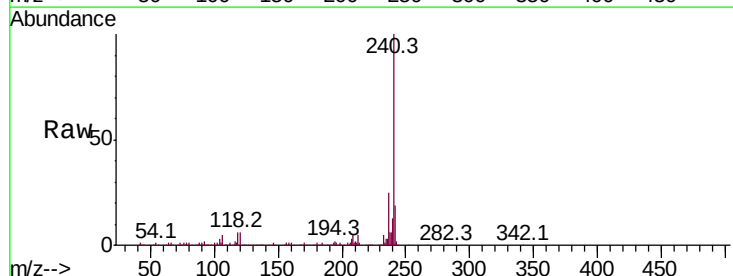
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-E

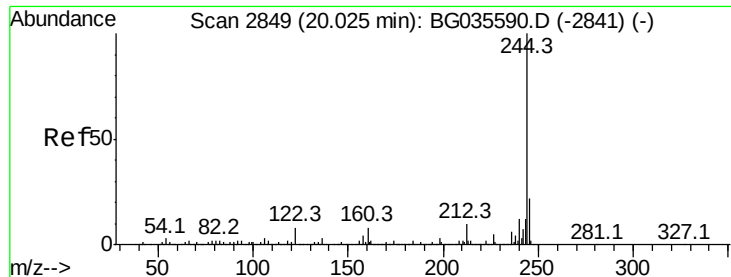
Tot Ion:188 Resp: 259087
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.1 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036015.D
 Acq: 31 Jul 2018 23:59

Tgt Ion:240 Resp: 278705
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.8 10.2#
 236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 101.641 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG036015.D

Acq: 31 Jul 2018 23:59

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-E

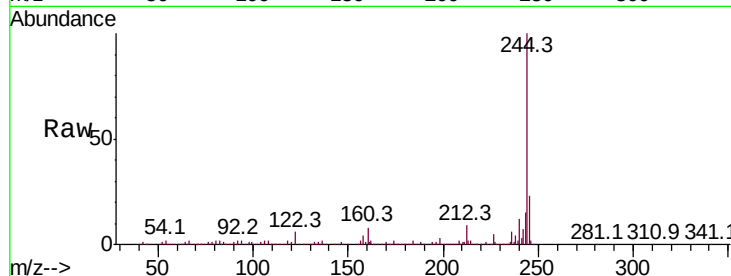
Tot Ion:244 Resp: 1285112

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

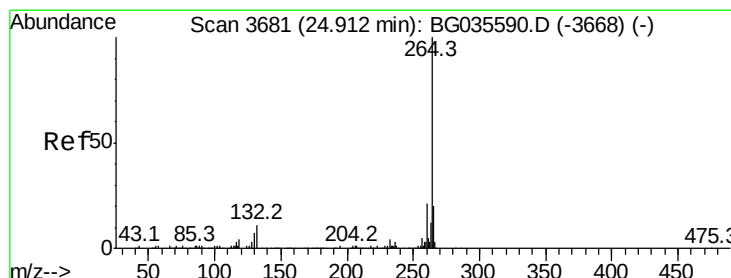
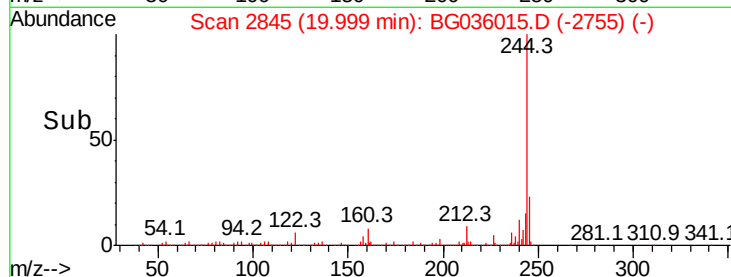
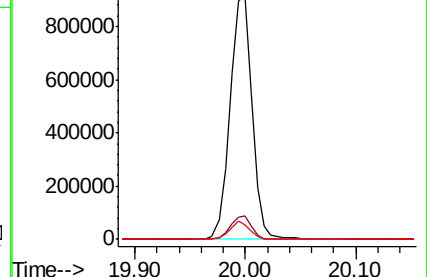
122 6.1 7.0 10.4#



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: BG036015.D

Acq: 31 Jul 2018 23:59

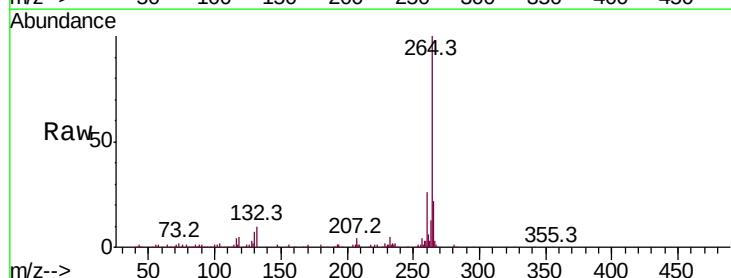
Tgt Ion:264 Resp: 258695

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 21.8 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

