

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036024.D
 Acq On : 1 Aug 2018 5:50
 Operator : JU/SJ
 Sample : J3825-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 01 07:38:49 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	38078	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	130949	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	87795	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	245698	20.00	ng	0.00
75) Chrysene-d12	21.65	240	273780	20.00	ng	0.00
86) Perylene-d12	24.85	264	250148	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	290260	126.56	ng	0.00
7) Phenol-d6	7.19	99	359204	104.97	ng	0.00
23) Nitrobenzene-d5	9.19	82	298328	95.17	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	185645	160.43	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	672475	102.62	ng	0.00
78) Terphenyl-d14	20.00	244	1277410	102.85	ng	0.00

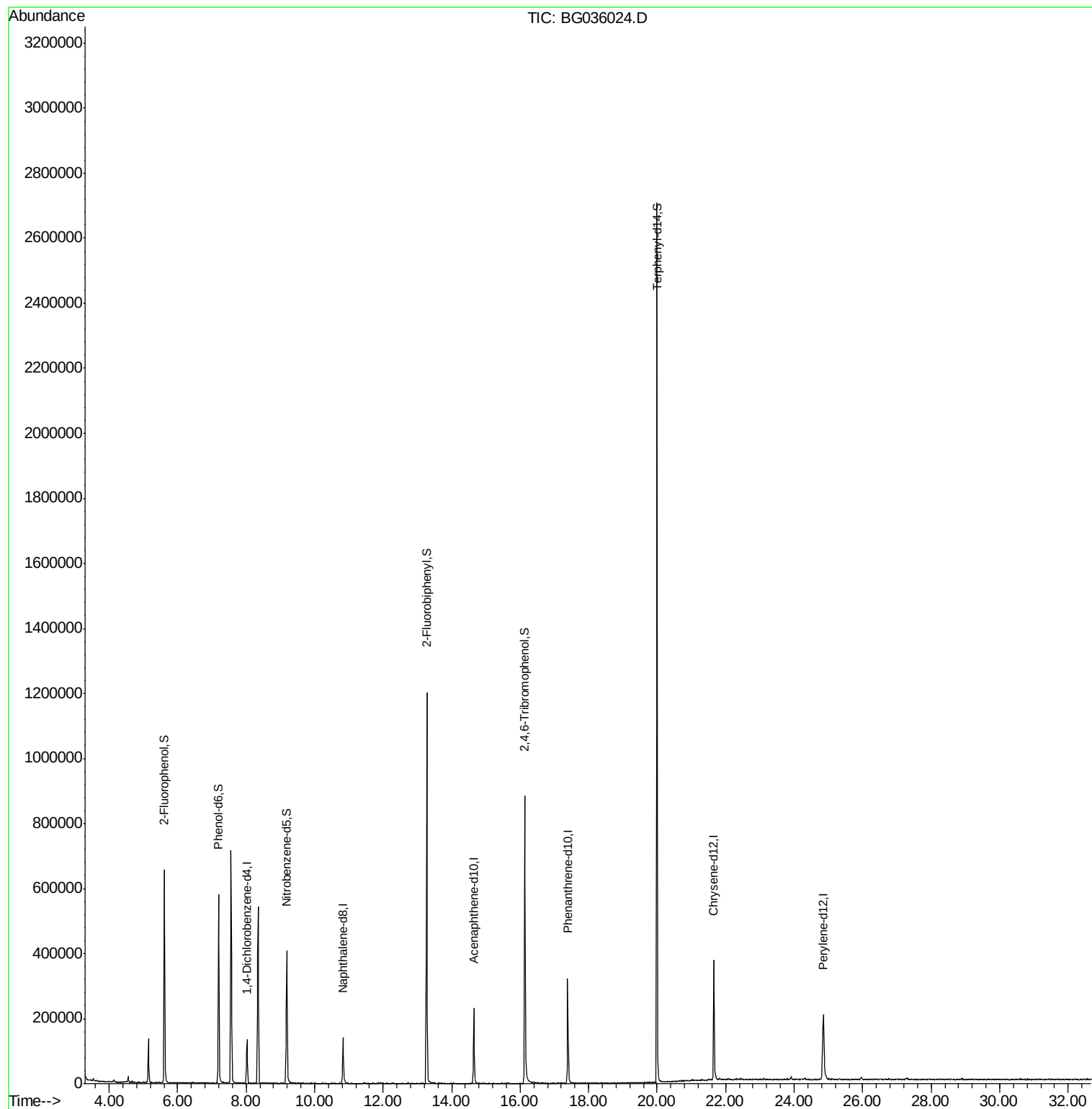
Target Compounds Qvalue

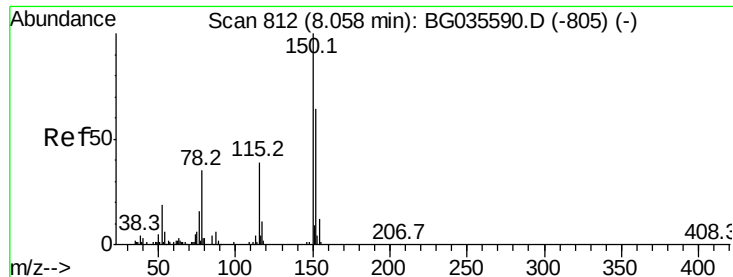
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036024.D

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BNA_G

ClientSampleId :

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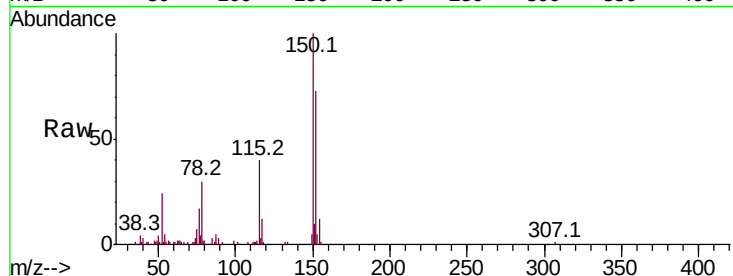
Tot Ion:152 Resp: 38078

Ion Ratio Lower Upper

152 100

150 137.3 126.6 189.8

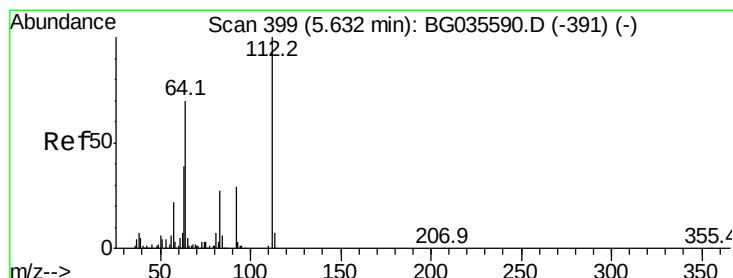
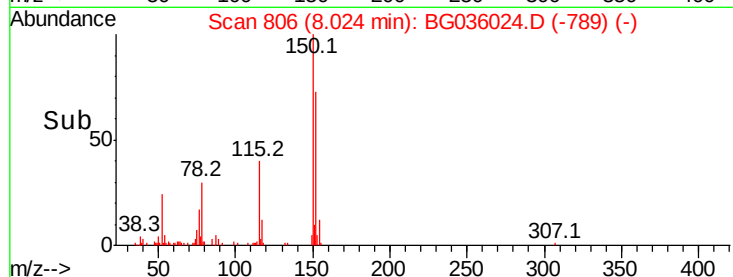
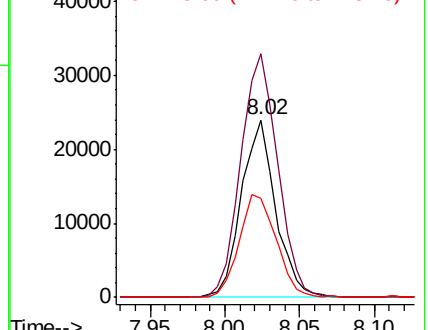
115 55.5 53.0 79.4



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: 126.556 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG036024.D

Acq: 1 Aug 2018 5:50

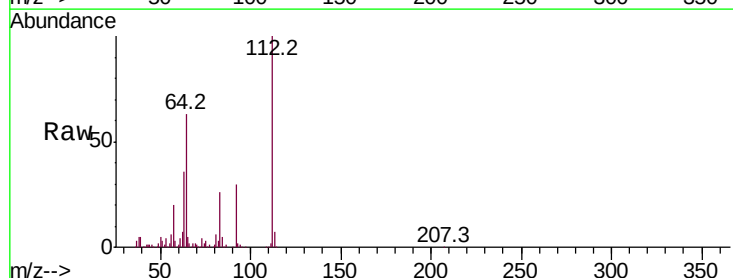
Tgt Ion:112 Resp: 290260

Ion Ratio Lower Upper

112 100

64 63.4 56.3 84.5

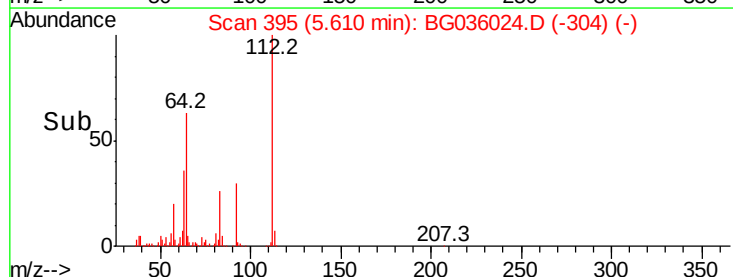
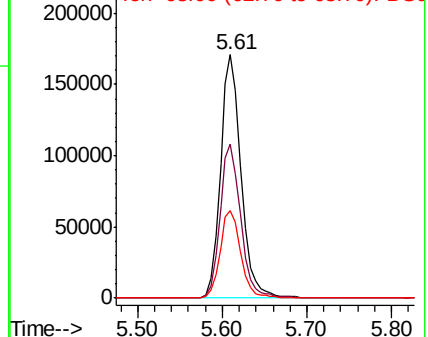
63 35.8 30.1 45.1

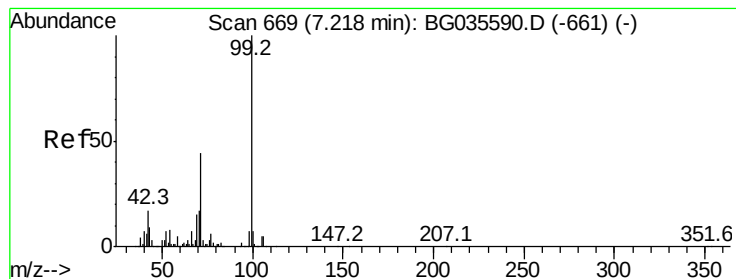


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.971 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036024.D

Acq: 1 Aug 2018 5:50

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-A

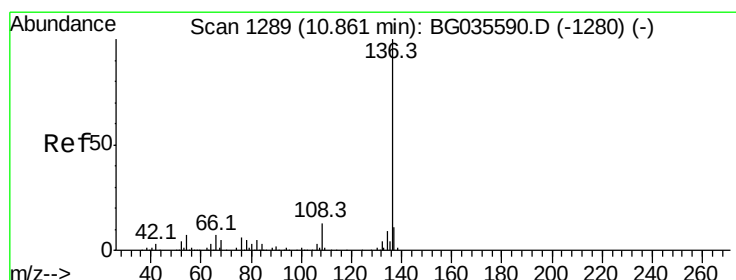
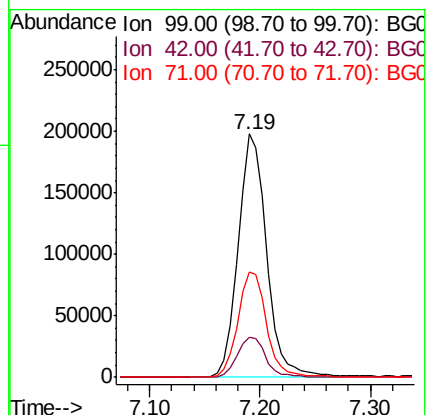
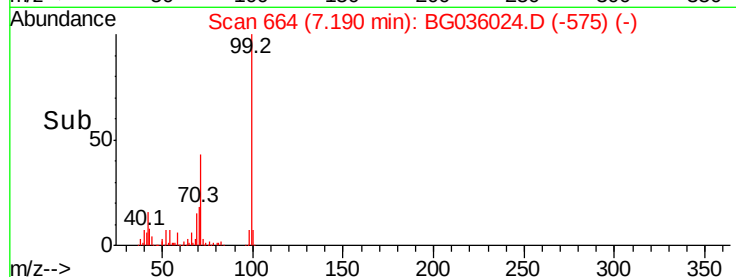
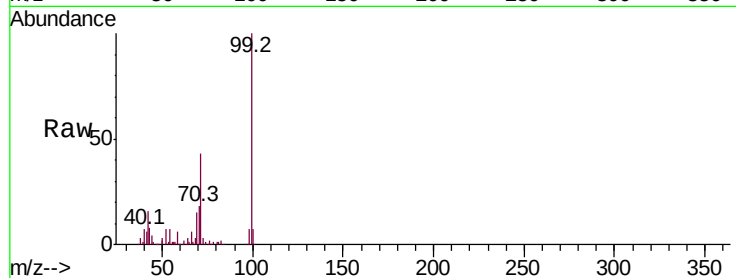
Tot Ion: 99 Resp: 359204

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 43.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036024.D

Acq: 1 Aug 2018 5:50

Tgt Ion: 136 Resp: 130949

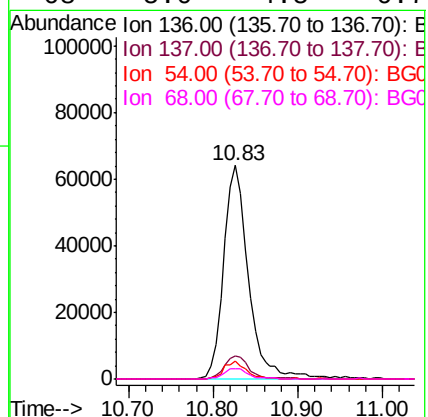
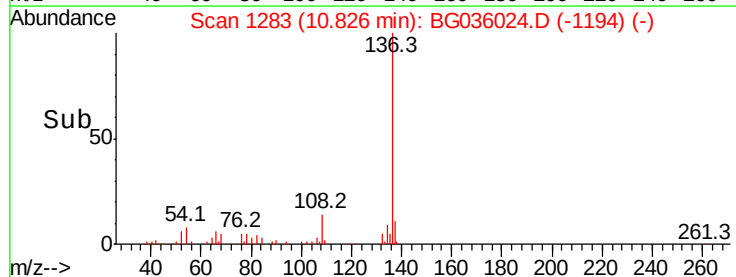
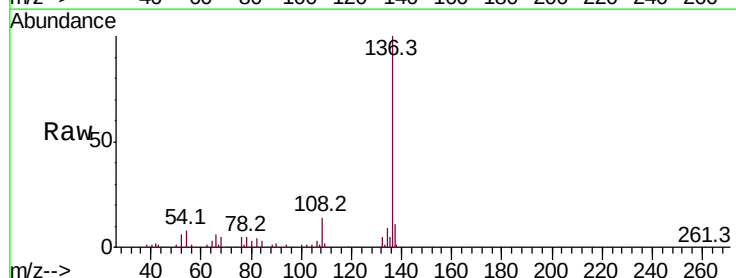
Ion Ratio Lower Upper

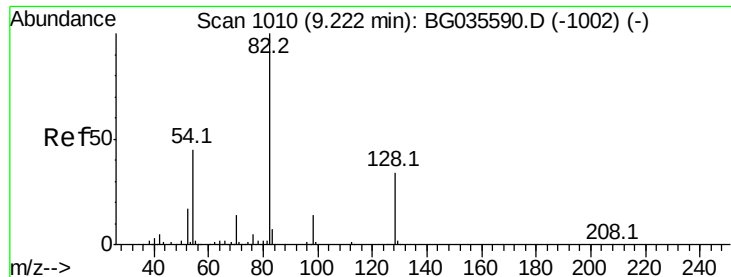
136 100

137 10.8 9.2 13.8

54 8.2 10.3 15.5#

68 5.0 4.5 6.7

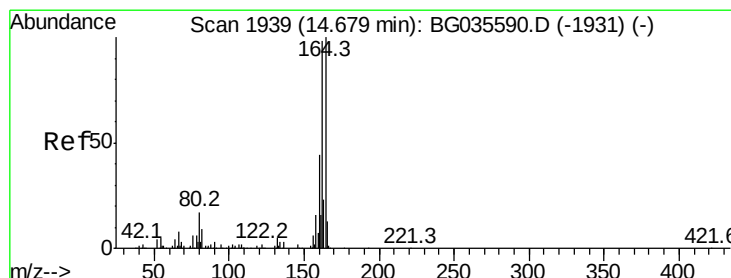
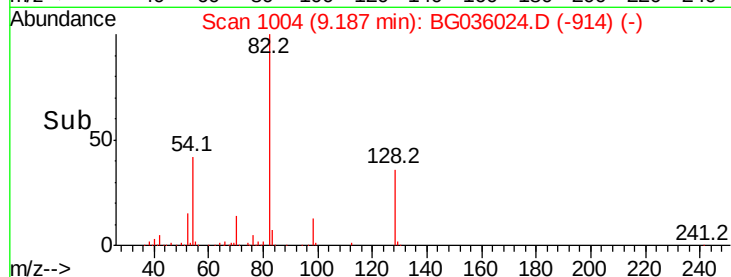
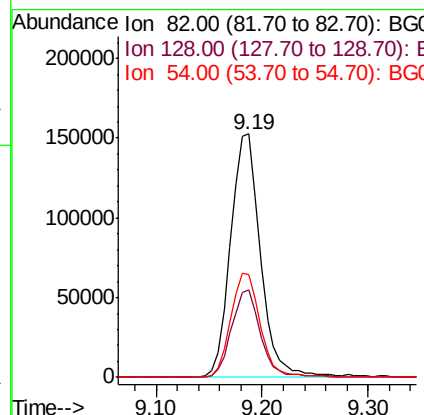
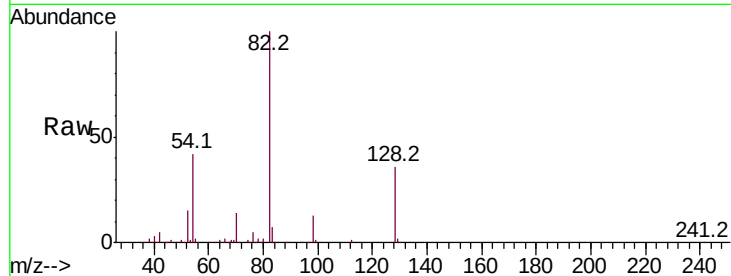




#23
 Nitrobenzene-d5
 Concen: 95.171 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036024.D
 Acq: 1 Aug 2018 5:50

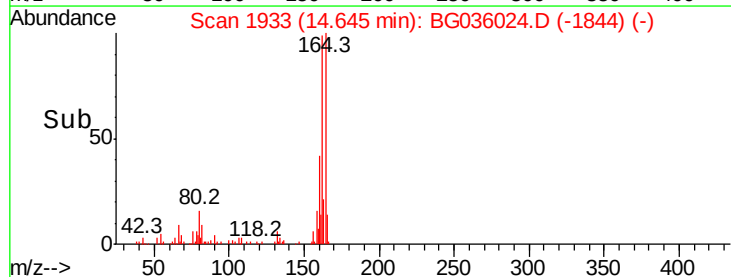
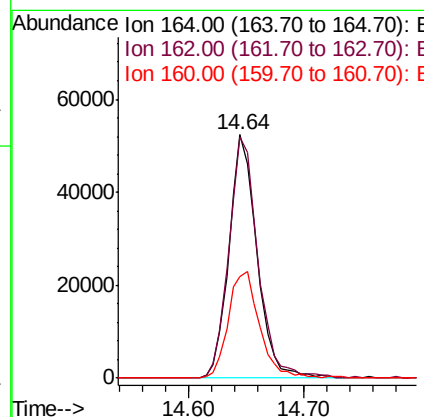
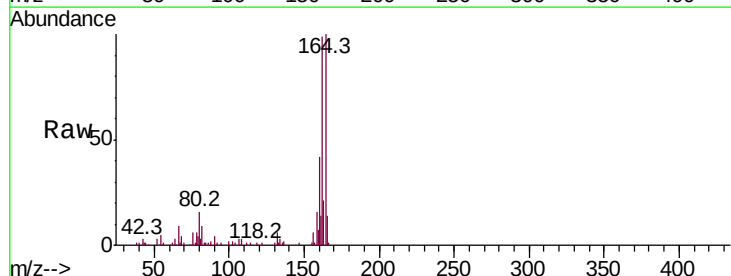
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-A

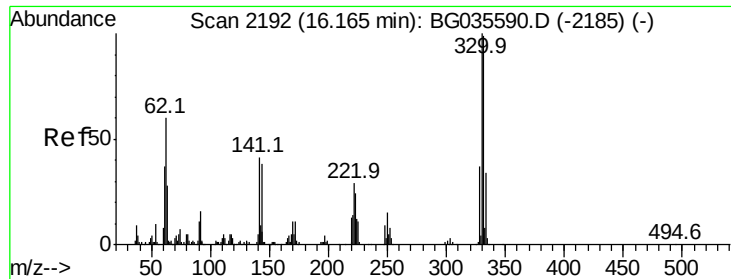
Tot Ion	82	Resp	298328
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	42.0	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036024.D
 Acq: 1 Aug 2018 5:50

Tgt Ion	164	Resp	87795
Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	41.8	35.4	53.0

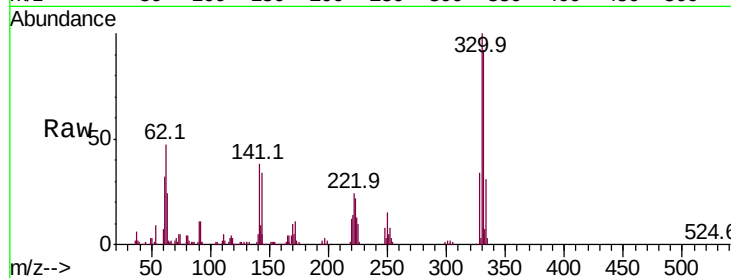




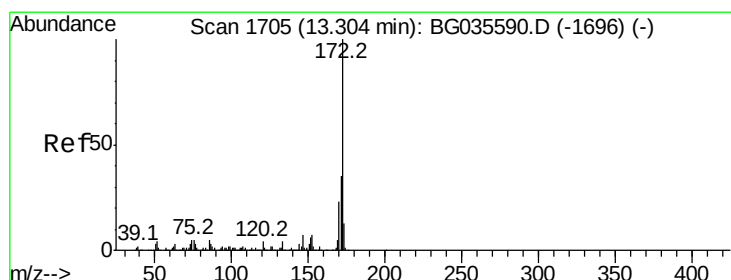
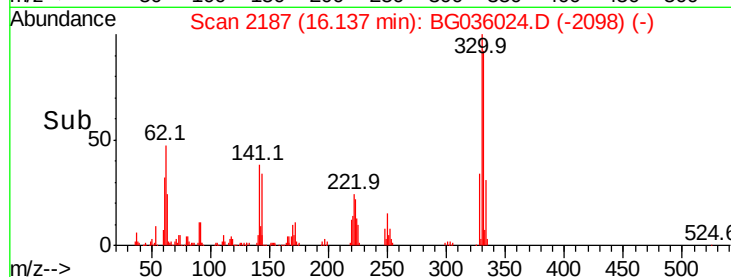
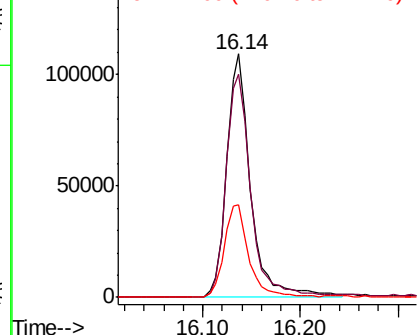
#41
 2,4,6-Tribromophenol
 Concen: 160.427 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036024.D
 Acq: 1 Aug 2018 5:50

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	39.1	25.2	37.8

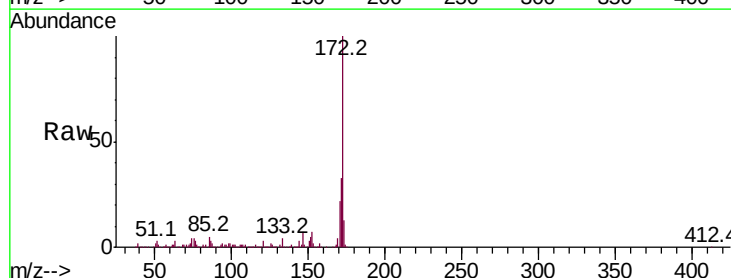


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

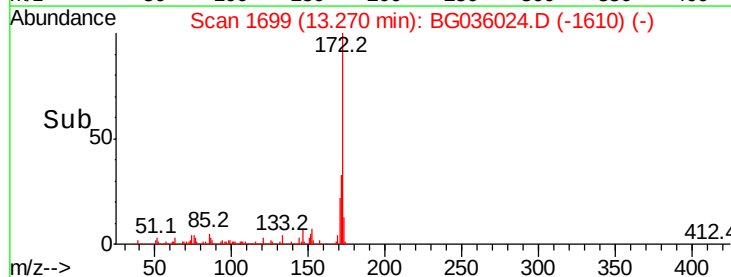
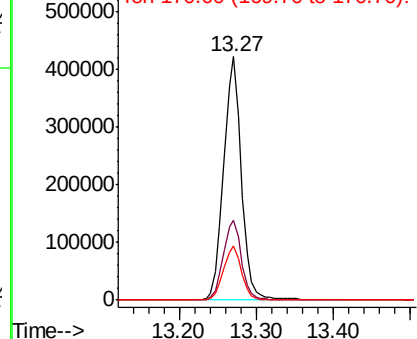


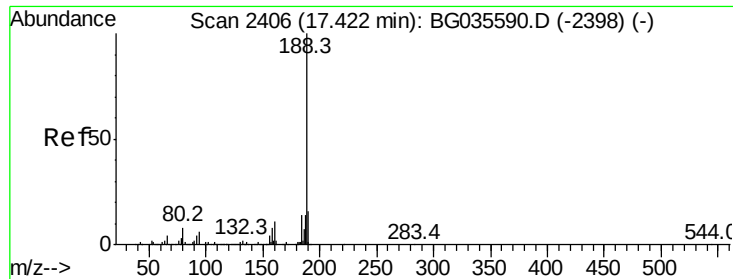
#44
 2-Fluorobiphenyl
 Concen: 102.619 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036024.D
 Acq: 1 Aug 2018 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	30.0	45.0
170	22.5	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

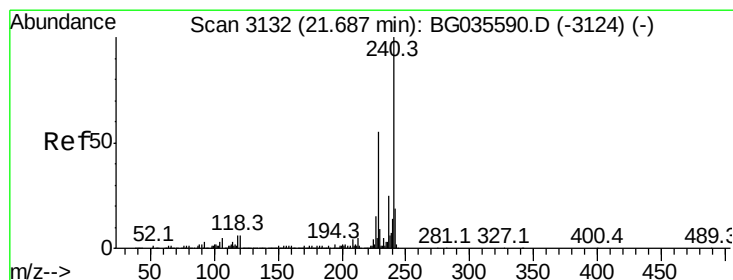
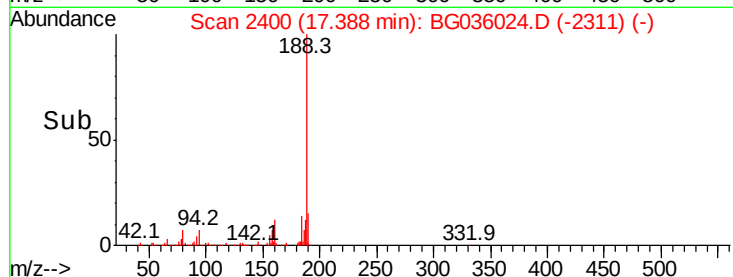
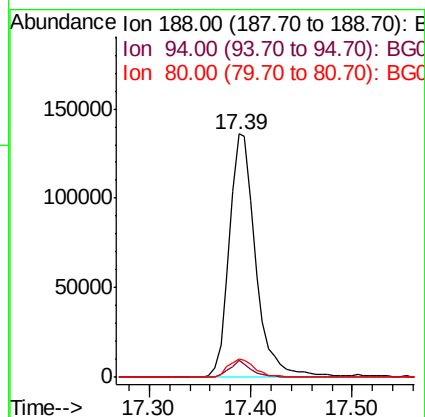
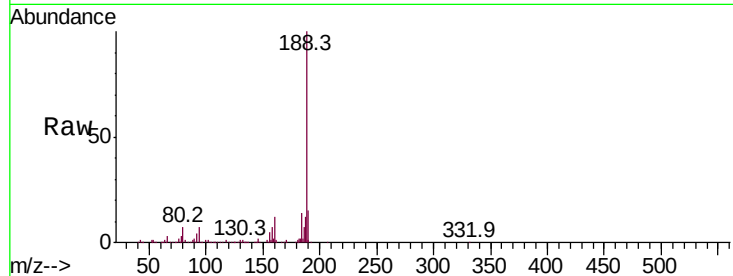




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036024.D
Acq: 1 Aug 2018 5:50

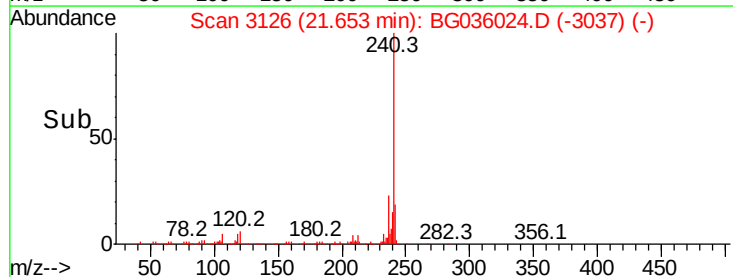
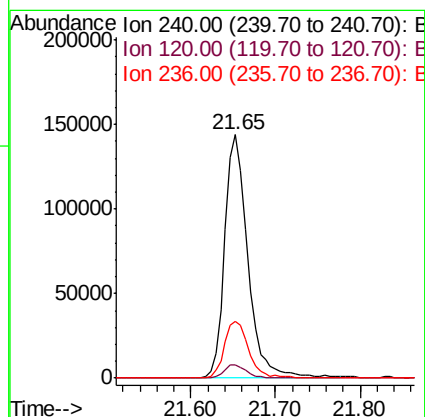
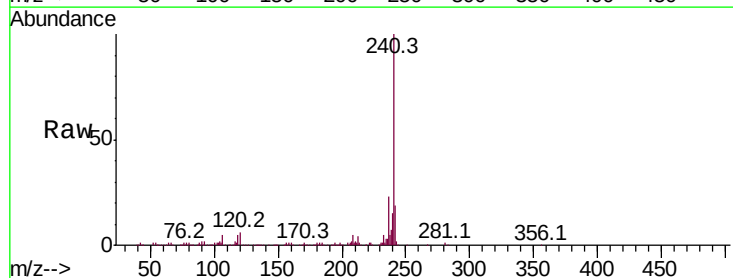
Instrument :
BNA_G
ClientSampleId :
CL-01-073018-A

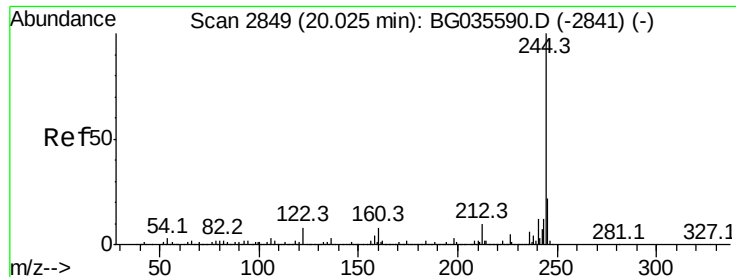
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.4	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036024.D
Acq: 1 Aug 2018 5:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2
236	23.2	20.9	31.3





#78

Terphenyl-d14

Concen: 102.849 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036024.D

Acq: 1 Aug 2018 5:50

Instrument :

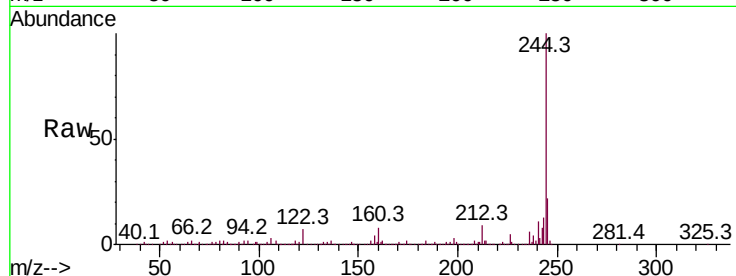
BNA_G

ClientSampleId :

CL-01-073018-A

Tot Ion:244 Resp: 1277410

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.8	7.0	10.4#

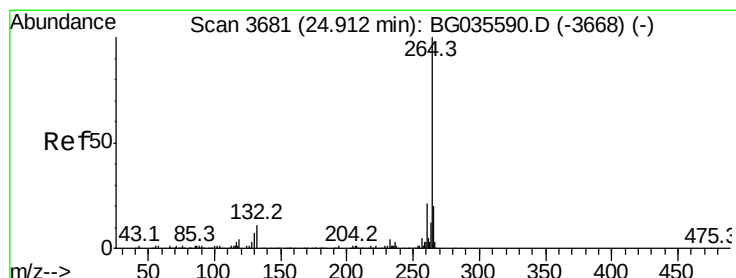
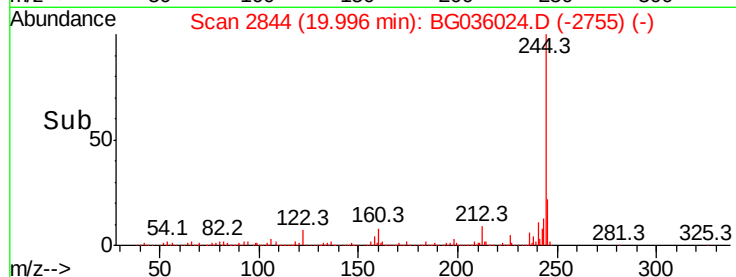
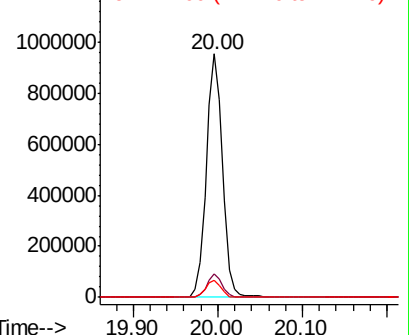


Abundance

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

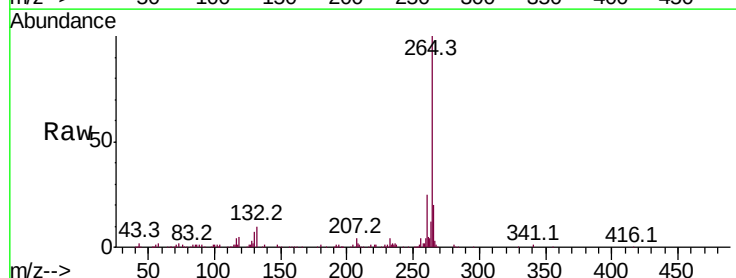
Delta R.T. -0.01 min

Lab File: BG036024.D

Acq: 1 Aug 2018 5:50

Tgt Ion:264 Resp: 250148

Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	19.9	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

