

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036124.D
 Acq On : 4 Aug 2018 11:15
 Operator : JU/SJ
 Sample : J4313-20
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-14

Quant Time: Aug 06 01:40:50 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	8.03	152	28104	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	89064	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	66808	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	184822	20.00	ng	0.01
75) Chrysene-d12	21.67	240	218958	20.00	ng	0.01
86) Perylene-d12	24.88	264	185532	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	213084	125.88	ng	0.00
7) Phenol-d6	7.19	99	257920	102.12	ng	0.00
23) Nitrobenzene-d5	9.19	82	238416	111.83	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	114574	130.11	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	531047	106.49	ng	0.00
78) Terphenyl-d14	20.00	244	1125442	113.30	ng	0.00

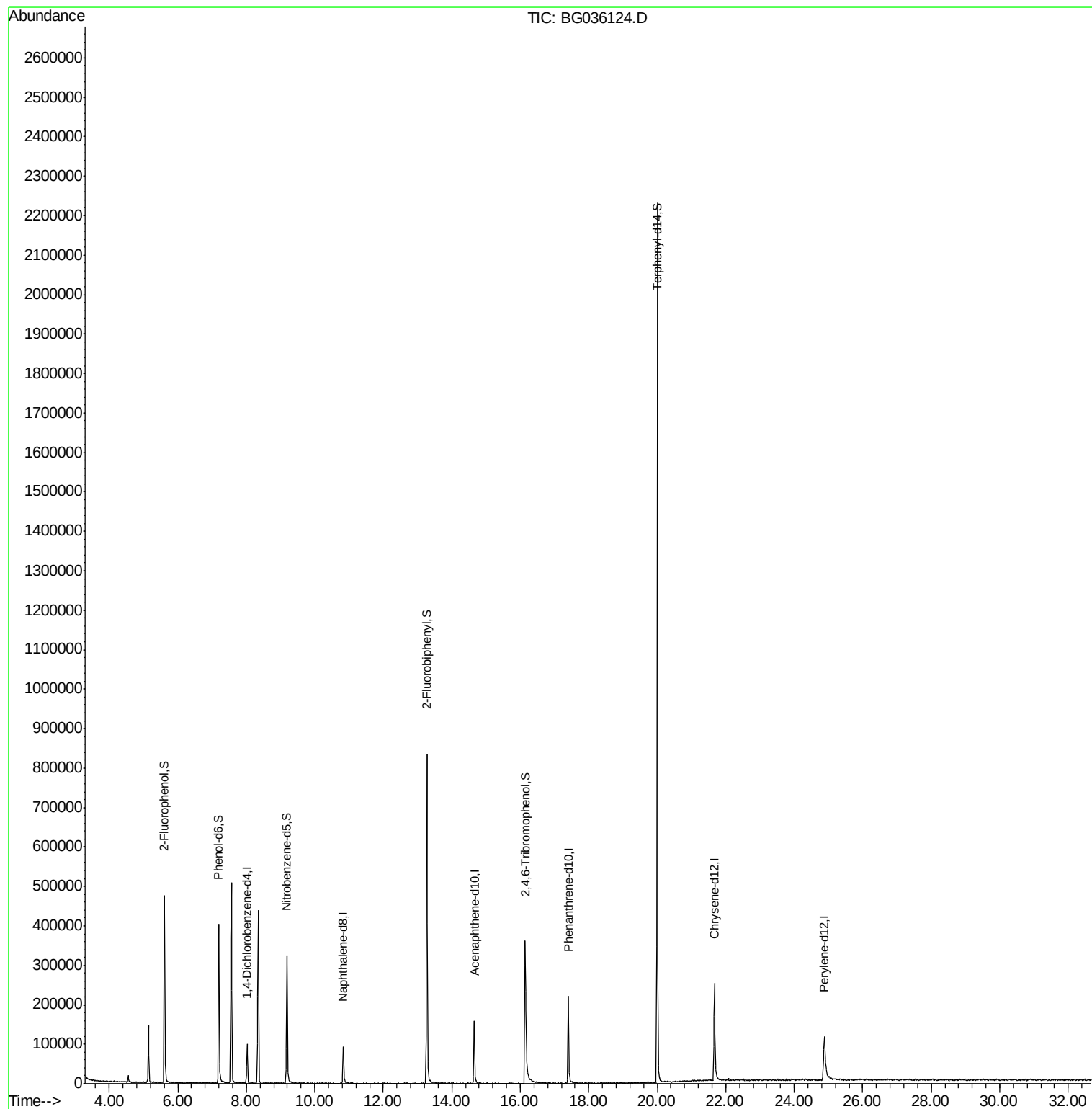
Target Compounds Qvalue

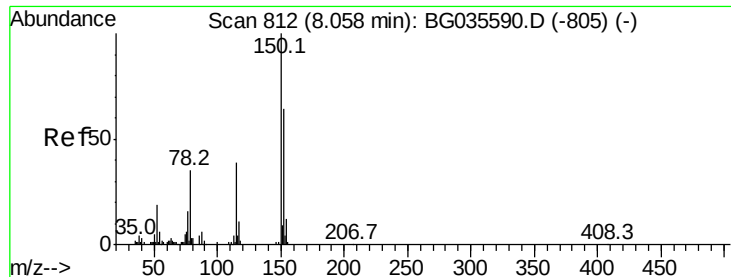
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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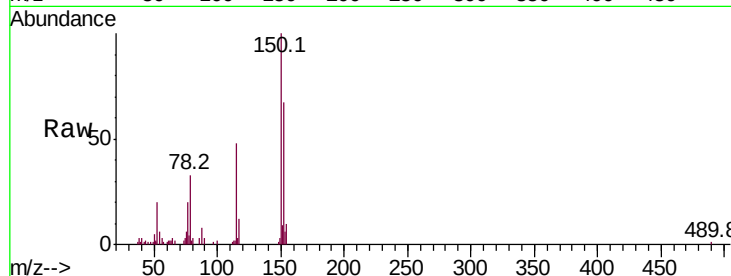


#1

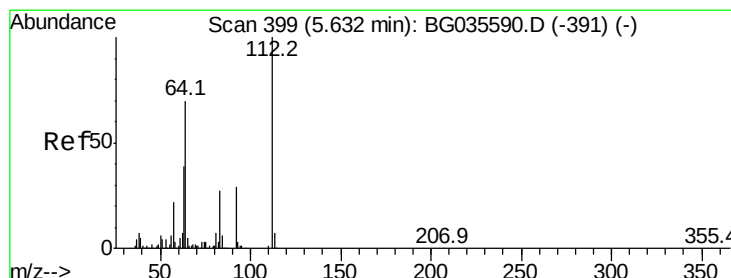
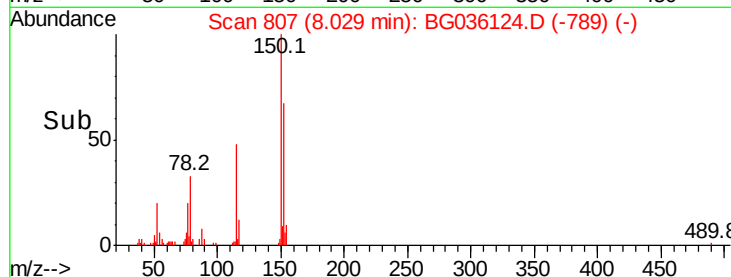
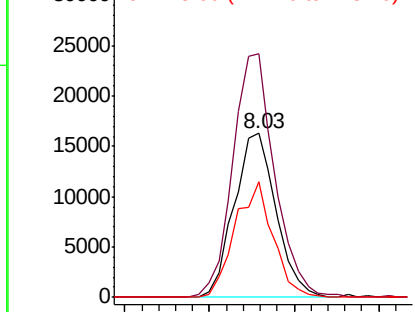
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BG036124.D
 Acq: 4 Aug 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 C-14

Tot Ion:152 Resp: 28104
 Ion Ratio Lower Upper
 152 100
 150 148.7 126.6 189.8
 115 70.7 53.0 79.4



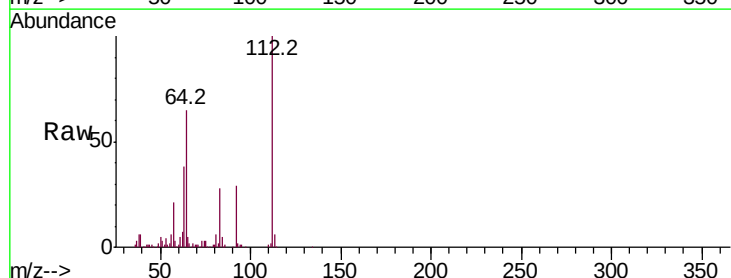
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



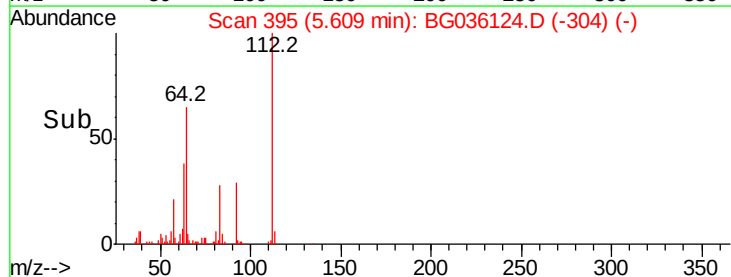
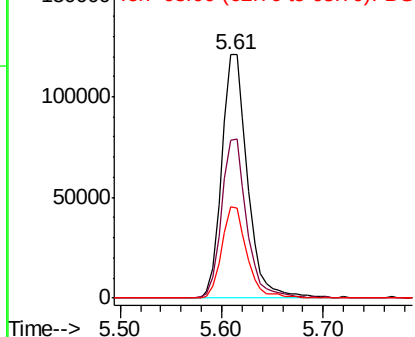
#5

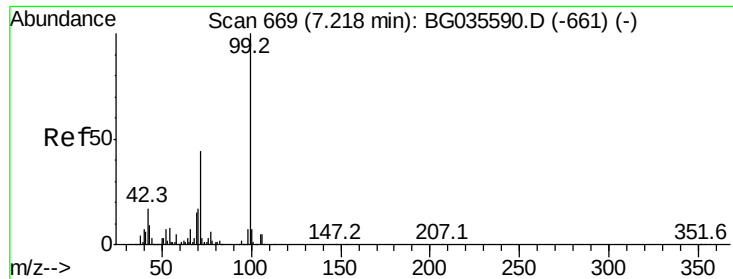
2-Fluorophenol
 Concen: 125.879 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG036124.D
 Acq: 4 Aug 2018 11:15

Tgt Ion:112 Resp: 213084
 Ion Ratio Lower Upper
 112 100
 64 64.7 56.3 84.5
 63 37.5 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: 102.122 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036124.D

Acq: 4 Aug 2018 11:15

Instrument :

BNA_G

ClientSampleId :

C-14

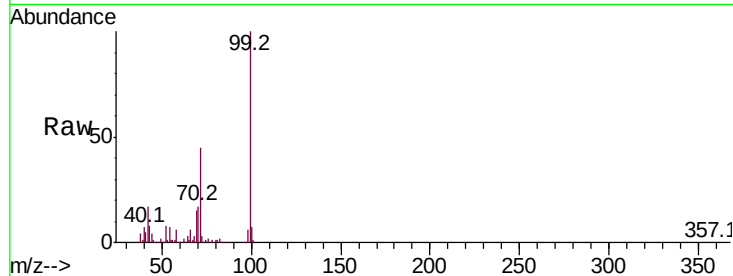
Tot Ion: 99 Resp: 257920

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

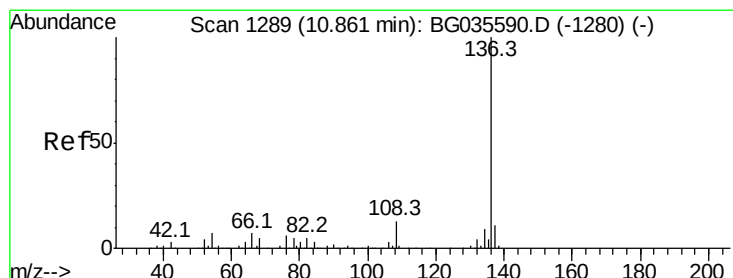
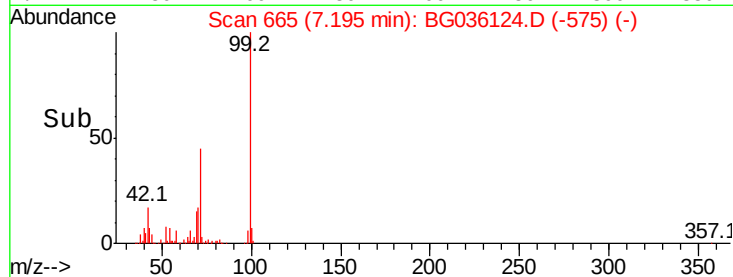
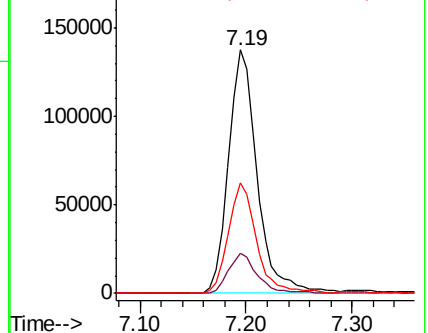
71 45.2 26.1 39.1#



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: BG036124.D

Acq: 4 Aug 2018 11:15

Tgt Ion: 136 Resp: 89064

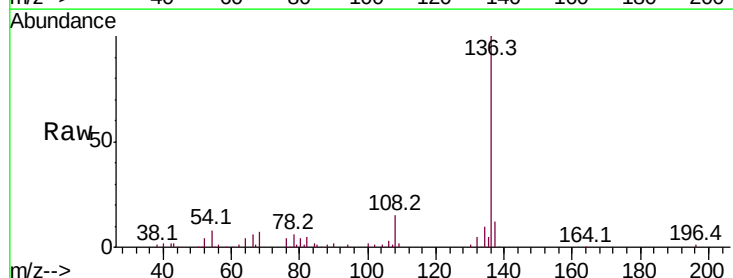
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 8.0 10.3 15.5#

68 6.7 4.5 6.7

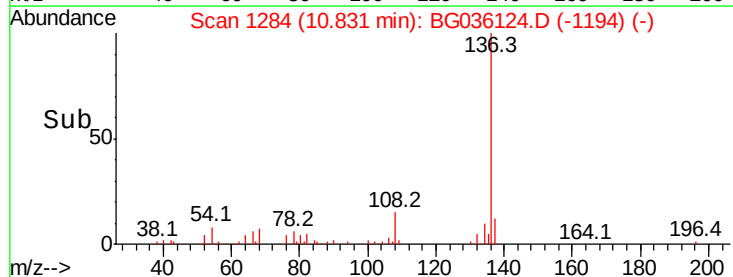
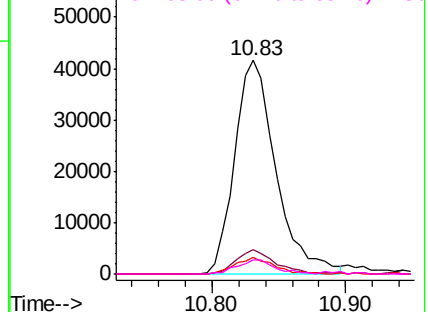


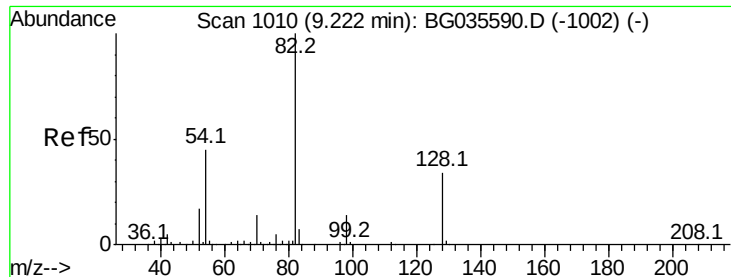
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

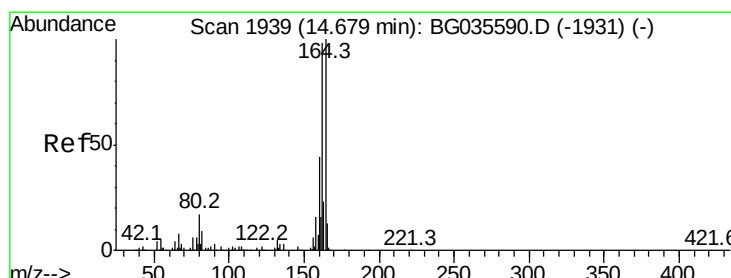
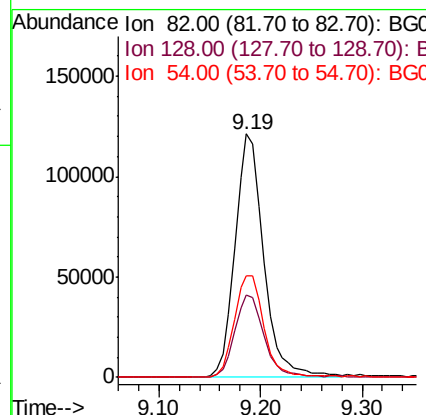
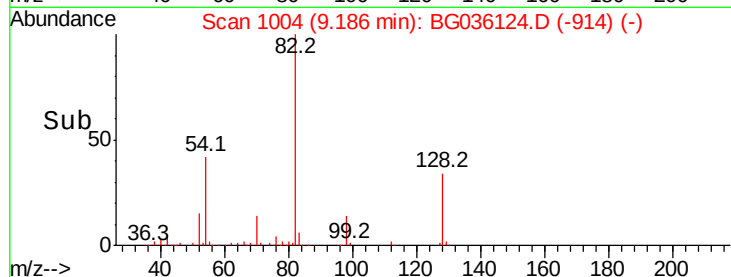
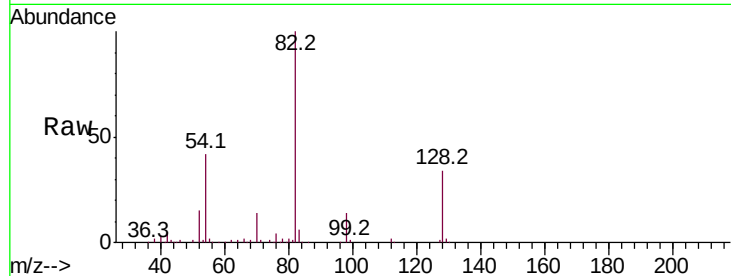




#23
 Nitrobenzene-d5
 Concen: 111.827 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036124.D
 Acq: 4 Aug 2018 11:15

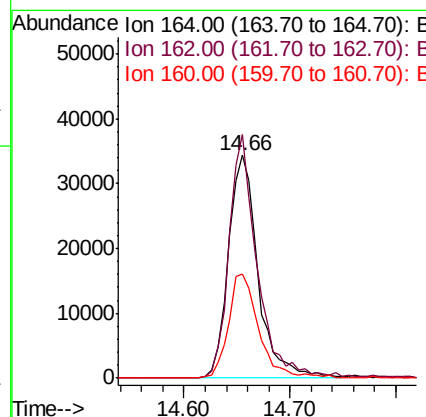
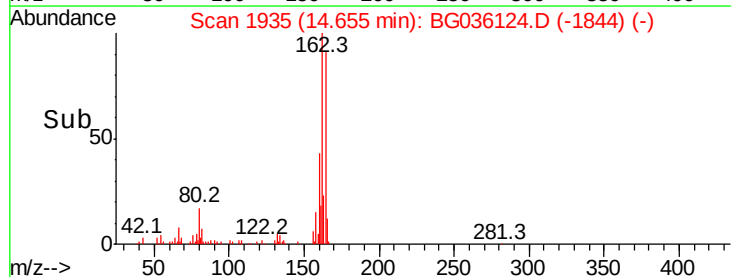
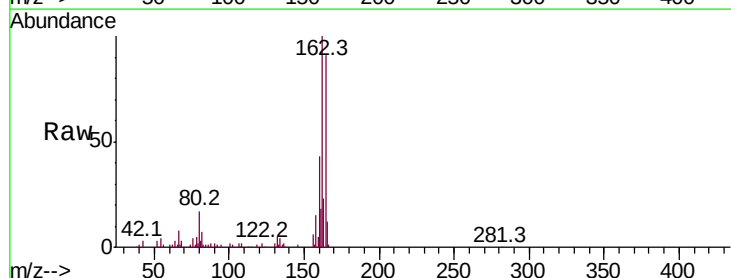
Instrument :
 BNA_G
 ClientSampleId :
 C-14

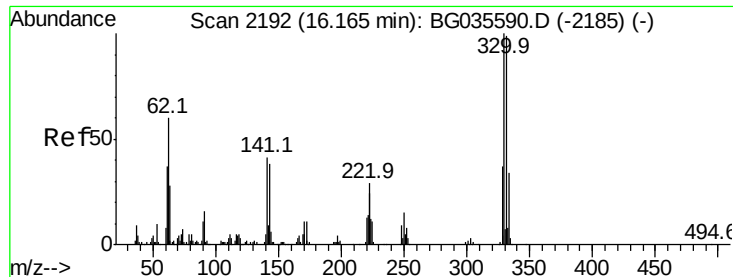
Tot Ion: 82 Resp: 238416
 Ion Ratio Lower Upper
 82 100
 128 33.8 29.7 44.5
 54 41.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BG036124.D
 Acq: 4 Aug 2018 11:15

Tgt Ion:164 Resp: 66808
 Ion Ratio Lower Upper
 164 100
 162 109.4 78.8 118.2
 160 46.7 35.4 53.0

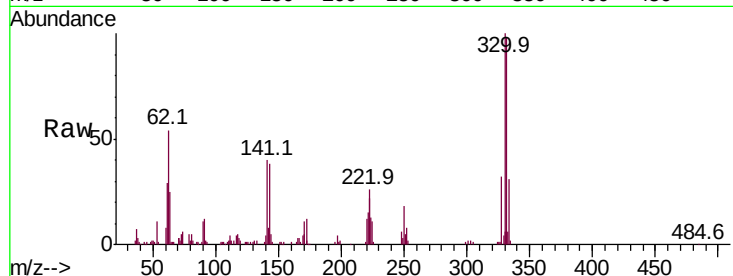




#41
 2,4,6-Tribromophenol
 Concen: 130.113 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BG036124.D
 Acq: 4 Aug 2018 11:15

Instrument :
 BNA_G
 ClientSampled :
 C-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	39.2	25.2	37.8#

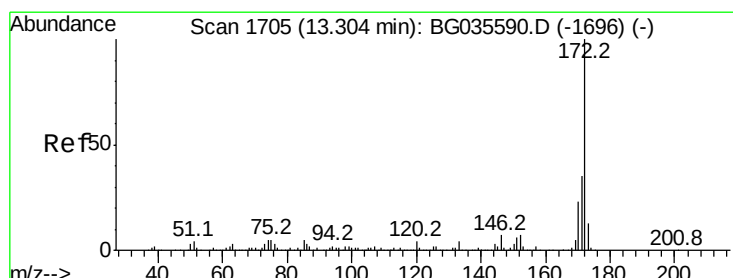
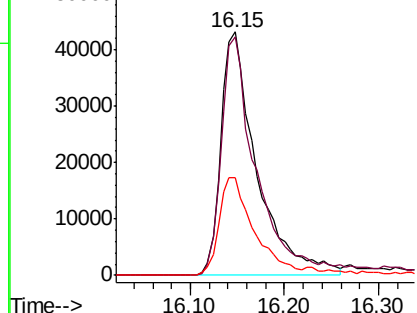
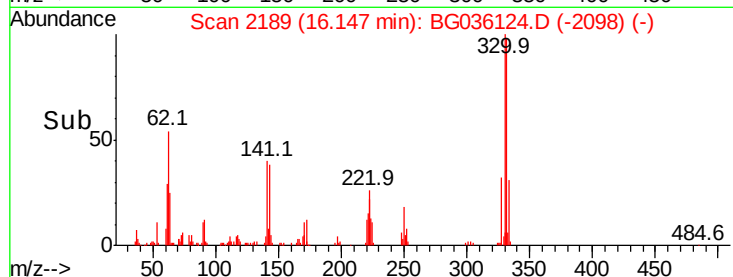


Abundance

Ion 329.80 (329.50 to 330.50): E

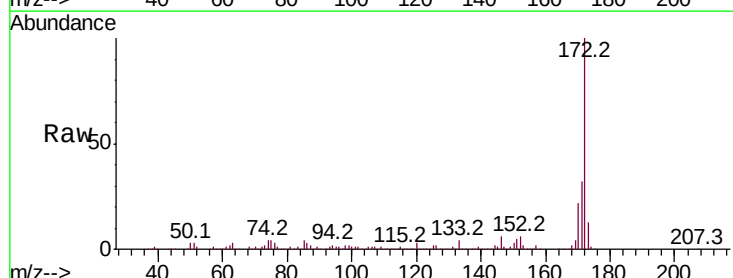
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.494 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG036124.D
 Acq: 4 Aug 2018 11:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.1	30.0	45.0
170	21.8	19.5	29.3

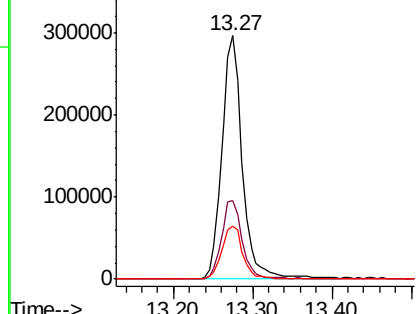
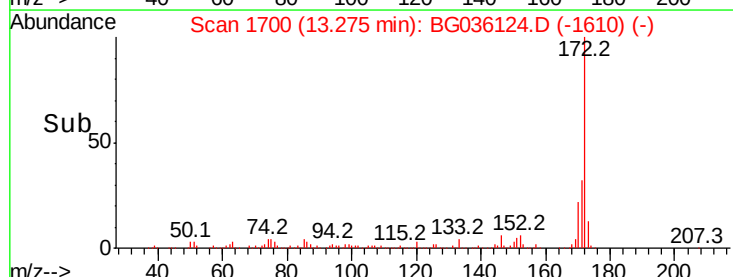


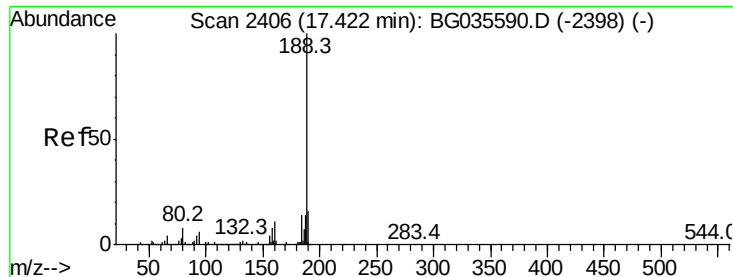
Abundance

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

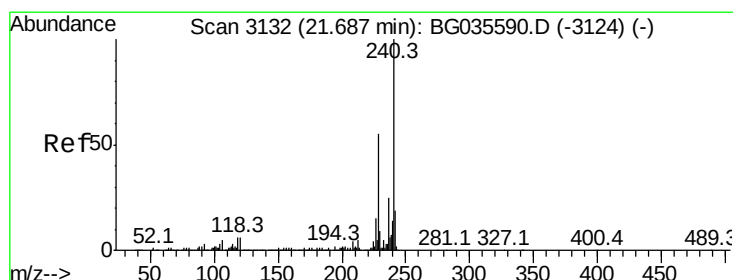
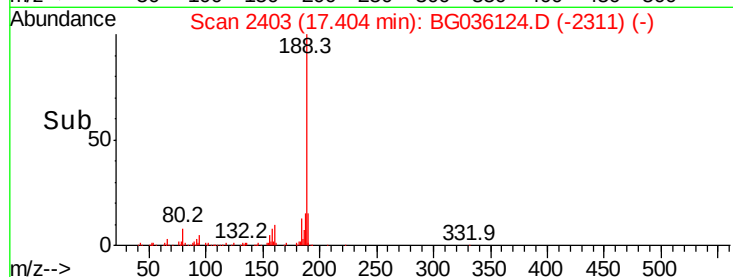
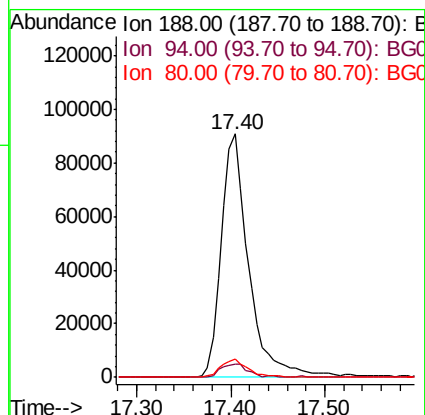
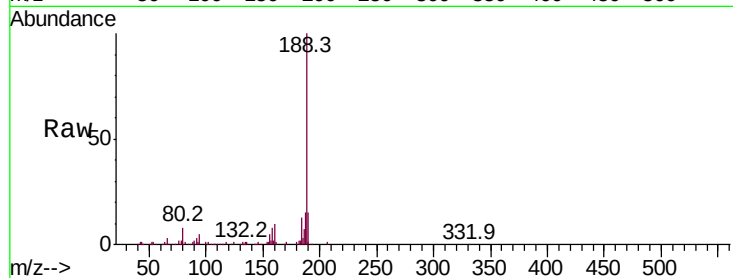




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BG036124.D
Acq: 4 Aug 2018 11:15

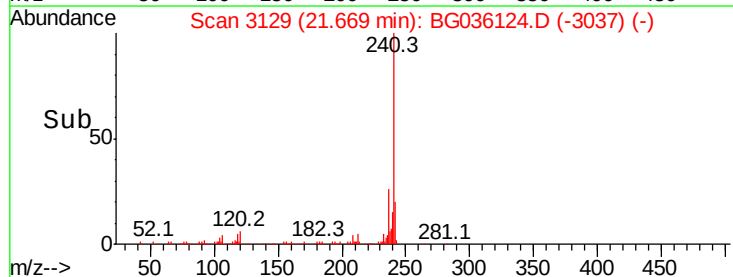
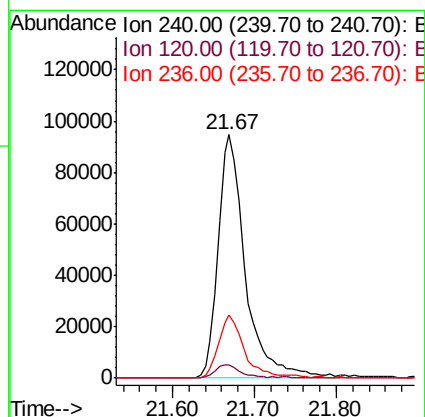
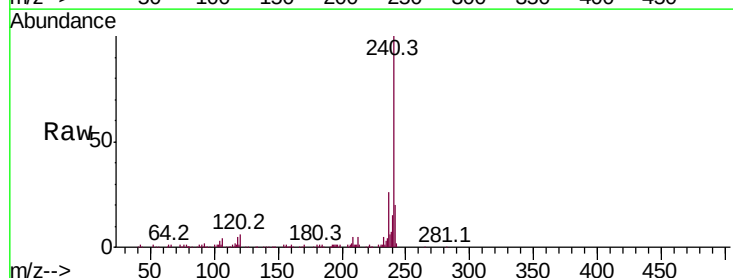
Instrument :
BNA_G
ClientSampleId :
C-14

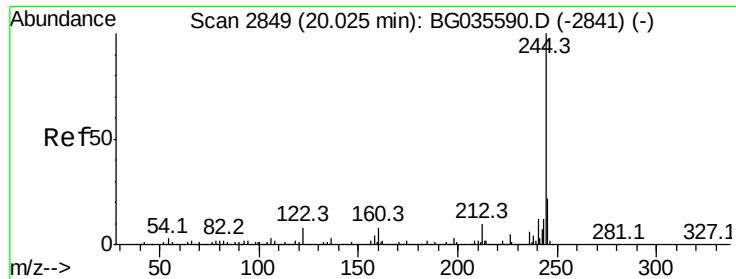
Tot Ion:188 Resp: 184822
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BG036124.D
Acq: 4 Aug 2018 11:15

Tgt Ion:240 Resp: 218958
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 113.301 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG036124.D

Acq: 4 Aug 2018 11:15

Instrument :

BNA_G

ClientSampleId :

C-14

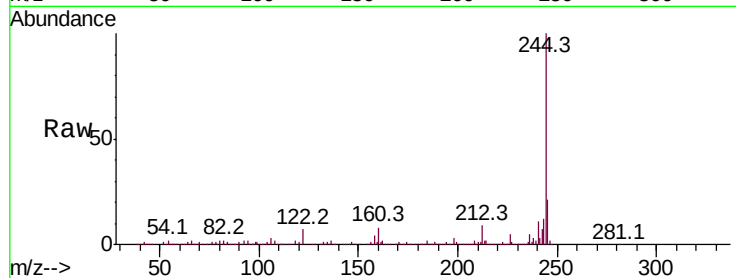
Tot Ion:244 Resp: 1125442

Ion Ratio Lower Upper

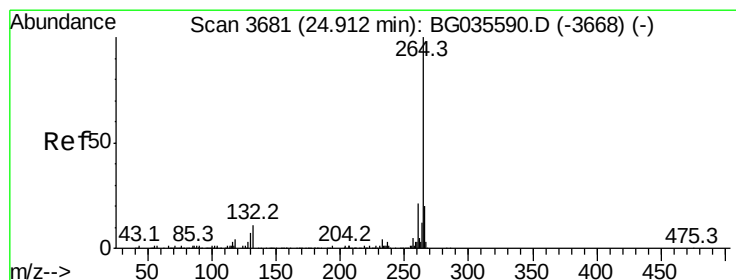
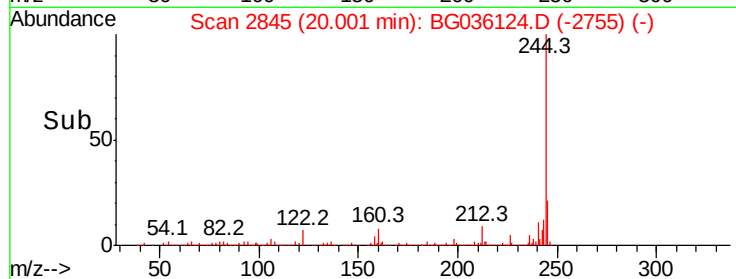
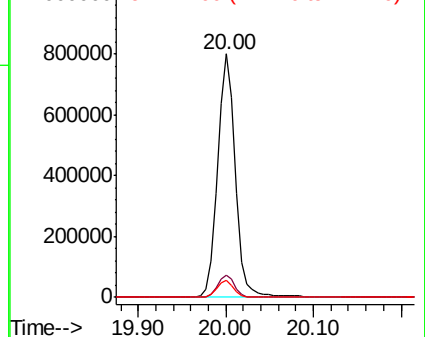
244 100

212 9.2 5.8 8.8#

122 7.0 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: 24.88 min Scan# 3676

Delta R.T. 0.02 min

Lab File: BG036124.D

Acq: 4 Aug 2018 11:15

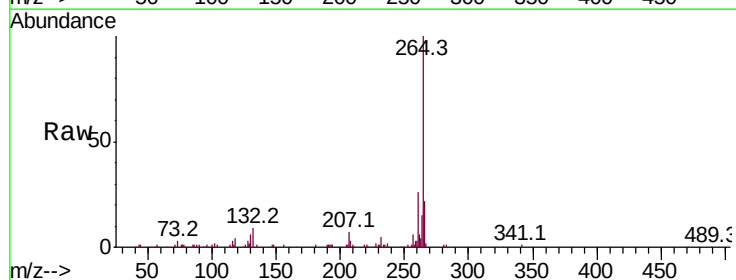
Tgt Ion:264 Resp: 185532

Ion Ratio Lower Upper

264 100

260 26.0 17.4 26.0

265 21.9 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

