

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036873.D
 Acq On : 22 Sep 2018 00:35
 Operator : JU/SJ
 Sample : J4777-30
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-04-092018-C

Quant Time: Sep 22 05:10:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36784	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	155539	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	107079	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	300950	20.00	ng	0.00
75) Chrysene-d12	21.68	240	340944	20.00	ng	0.00
86) Perylene-d12	24.90	264	309332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	247319	128.94	ng	0.00
7) Phenol-d6	7.21	99	325701	109.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	259408	89.31	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	179758	140.31	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	582646	81.04	ng	0.00
78) Terphenyl-d14	20.03	244	1232352	95.04	ng	0.00

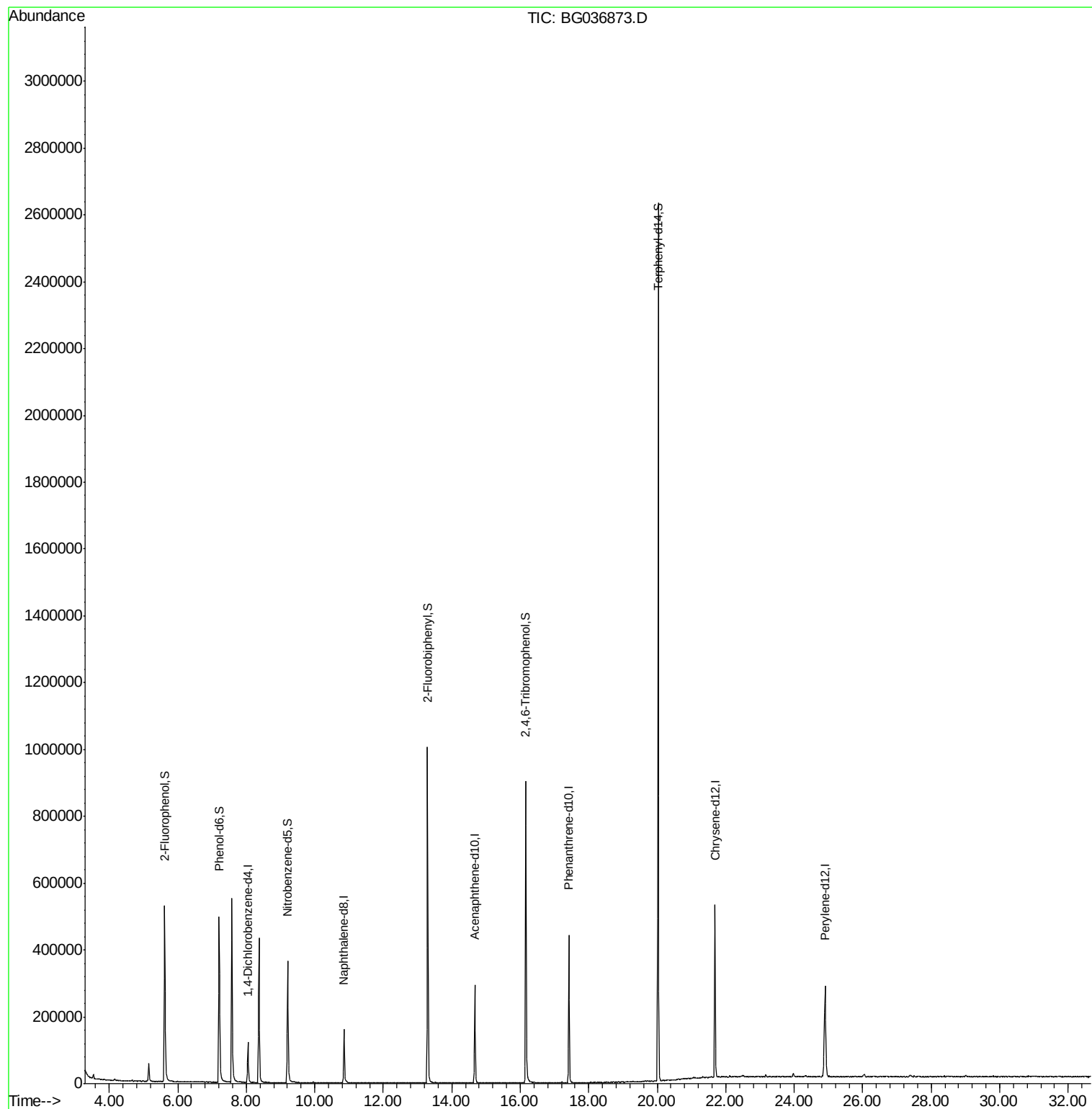
Target Compounds Qvalue

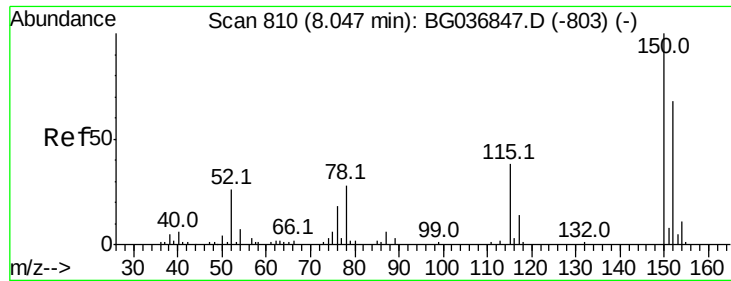
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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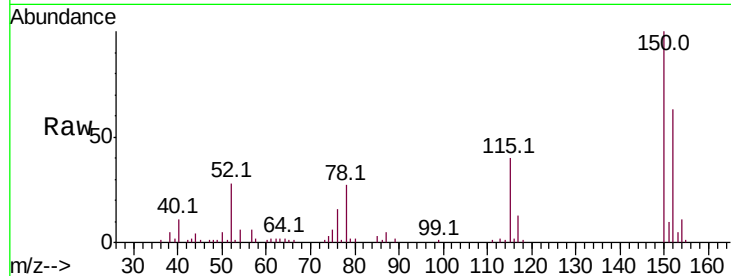


#1

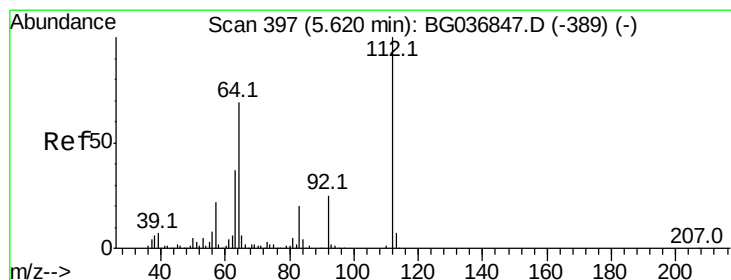
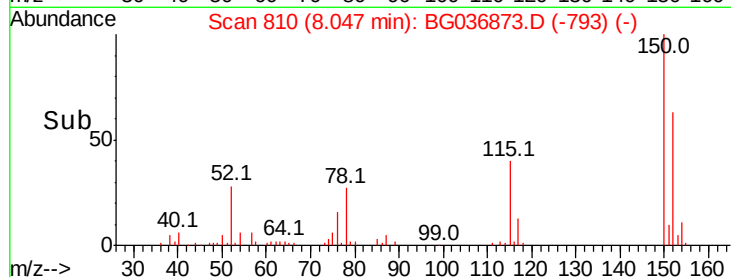
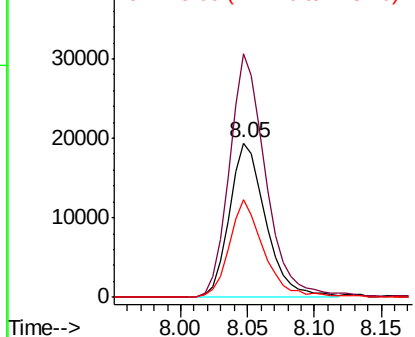
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Instrument :
BNA_G
ClientSampleId :
PL-04-092018-C

Tot Ion:152 Resp: 36784
Ion Ratio Lower Upper
152 100
150 157.7 119.5 179.3
115 63.6 44.5 66.7



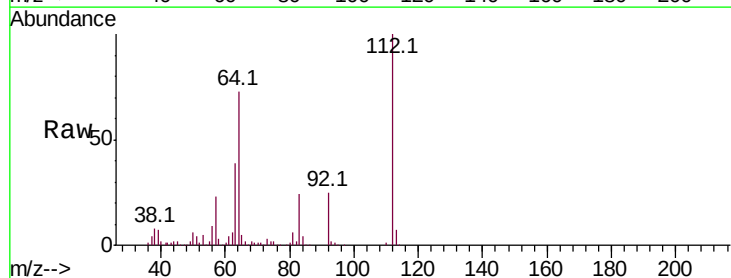
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



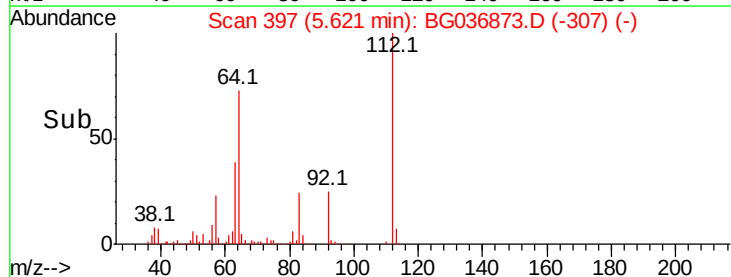
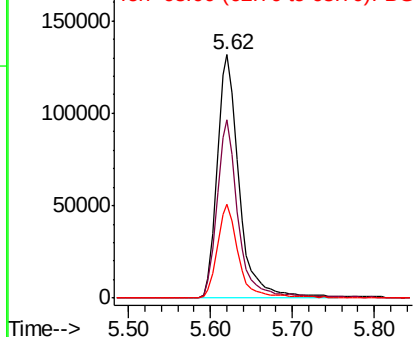
#5

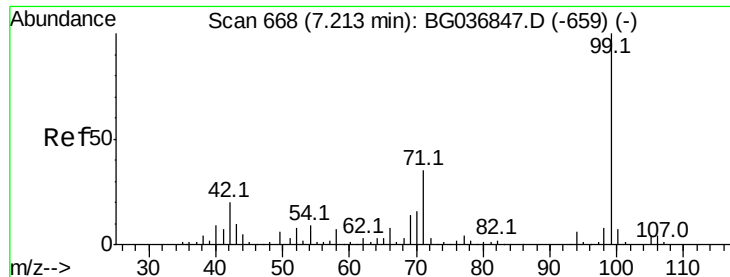
2-Fluorophenol
Concen: 128.943 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Tgt Ion:112 Resp: 247319
Ion Ratio Lower Upper
112 100
64 73.2 57.2 85.8
63 38.8 30.8 46.2



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: 109.754 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036873.D

Acq: 22 Sep 2018 00:35

Instrument :

BNA_G

ClientSampleId :

PL-04-092018-C

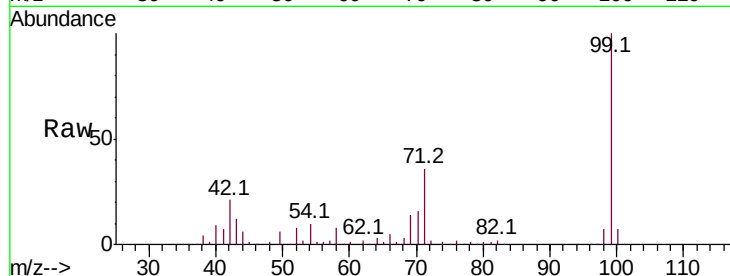
Tot Ion: 99 Resp: 325701

Ion Ratio Lower Upper

99 100

42 20.6 16.5 24.7

71 35.8 29.4 44.2

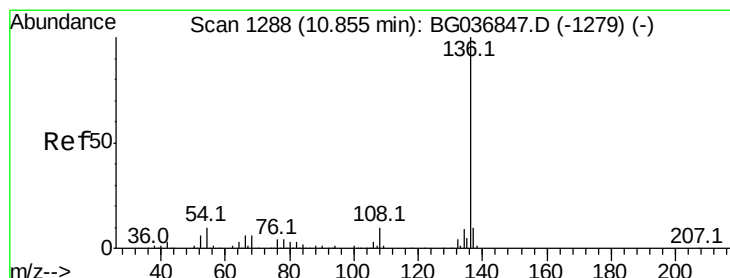
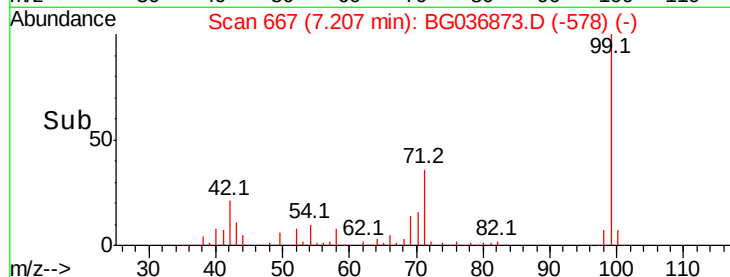
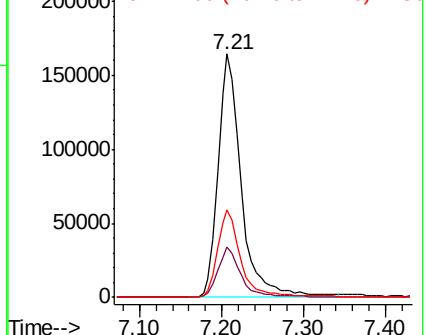


Abundance

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: 10.86 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BG036873.D

Acq: 22 Sep 2018 00:35

Tgt Ion: 136 Resp: 155539

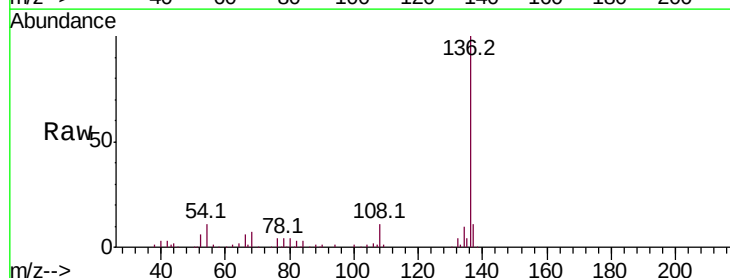
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.7 9.2 13.8

68 6.5 5.8 8.6



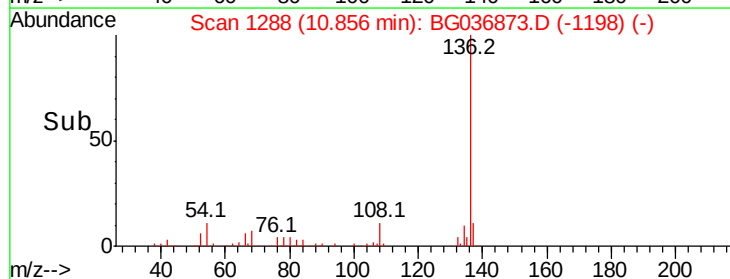
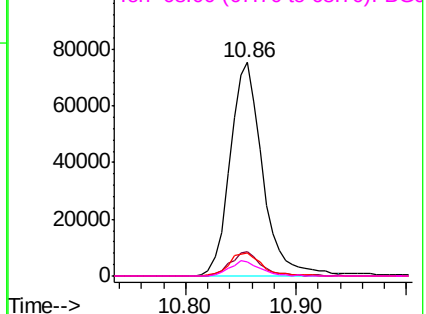
Abundance

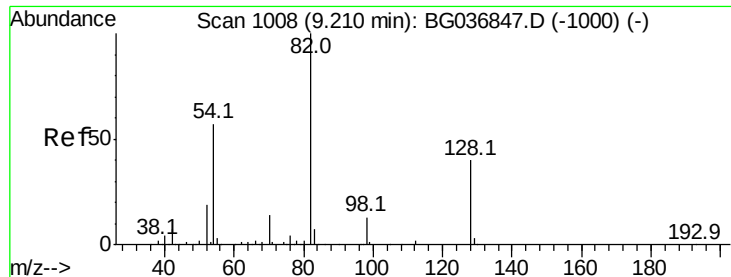
Ion 136.00 (135.70 to 136.70): BGC

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

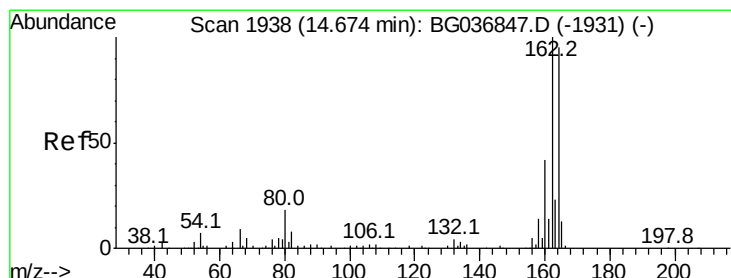
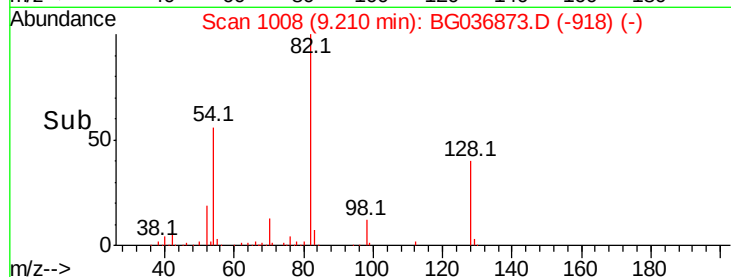
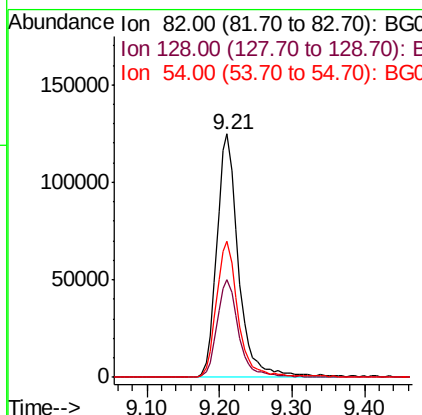
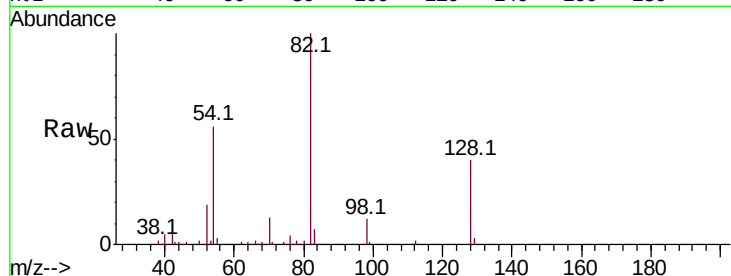




#23
Nitrobenzene-d5
Concen: 89.312 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

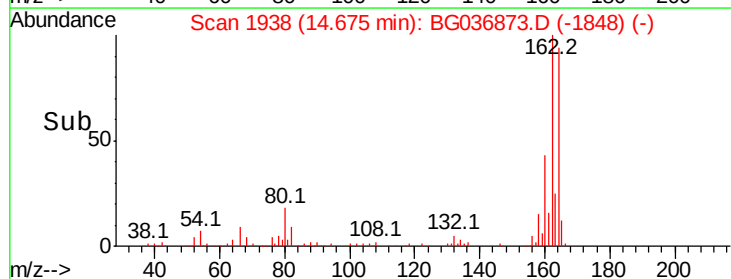
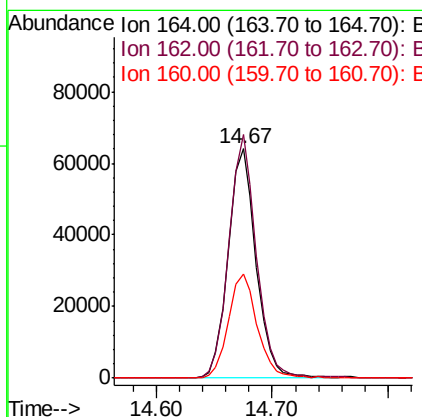
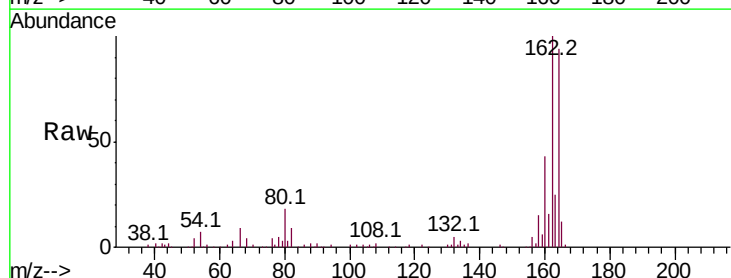
Instrument :
BNA_G
ClientSampleId :
PL-04-092018-C

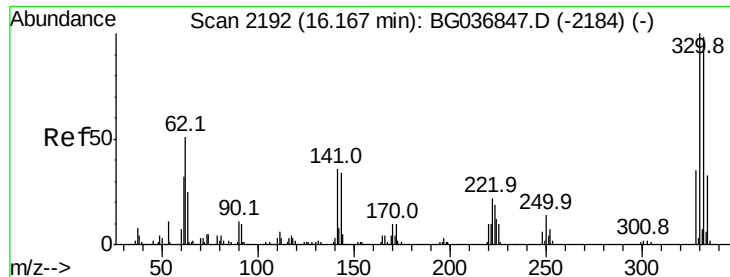
Tot Ion	82	Resp	259408
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.3	49.9
54	55.8	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Tgt Ion	164	Resp	107079
Ion Ratio	Lower	Upper	
164	100		
162	106.3	80.7	121.1
160	45.3	35.3	52.9

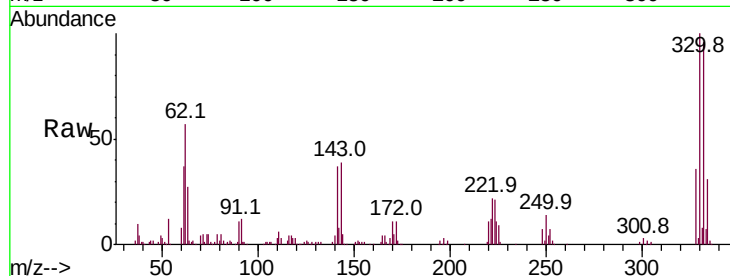




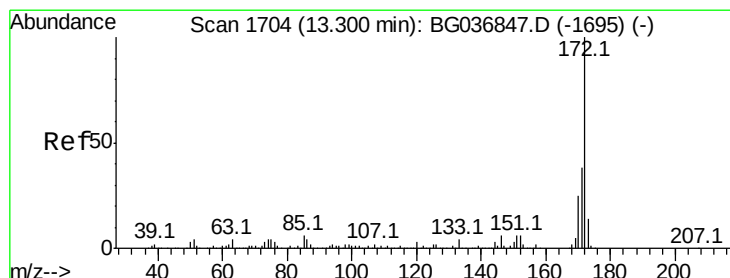
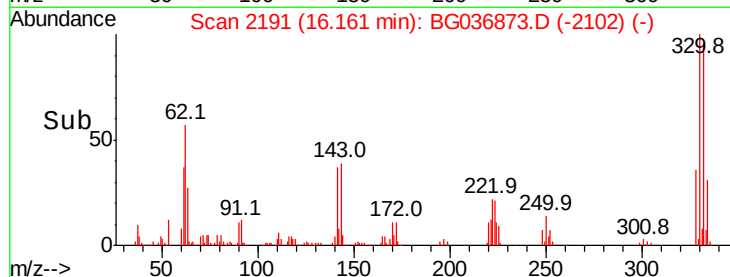
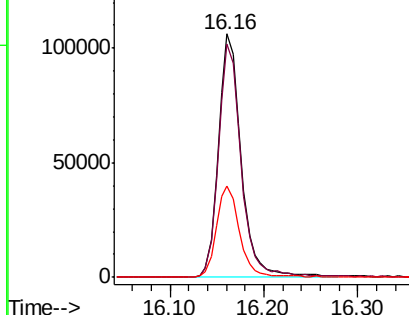
#41
 2,4,6-Tribromophenol
 Concen: 140.312 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036873.D
 Acq: 22 Sep 2018 00:35

Instrument :
 BNA_G
 ClientSampleId :
 PL-04-092018-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	38.5	30.7	46.1

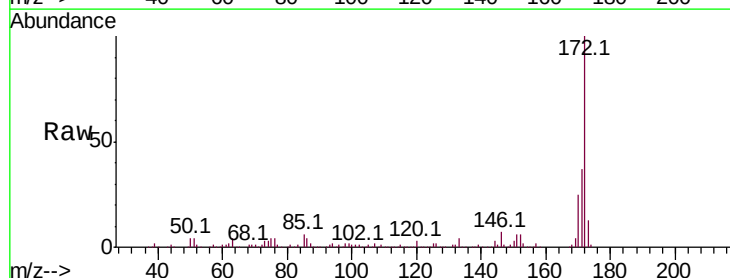


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

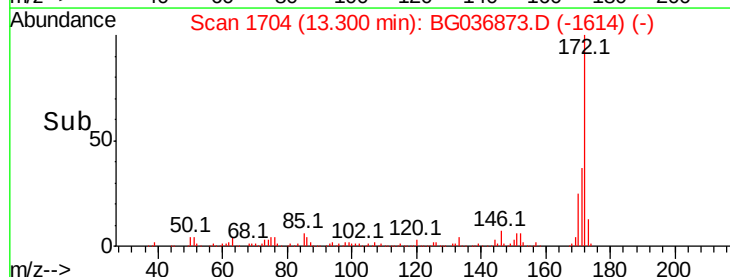
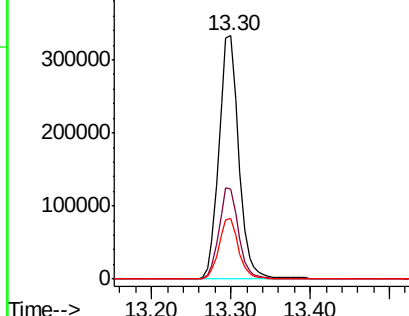


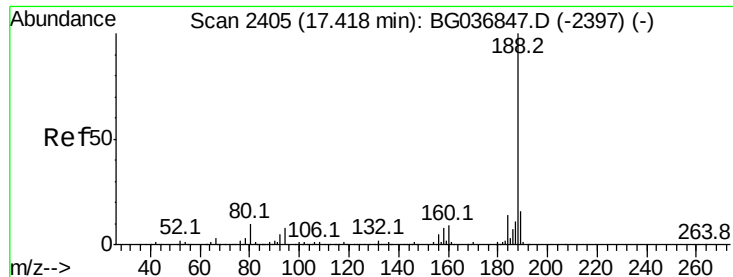
#44
 2-Fluorobiphenyl
 Concen: 81.042 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG036873.D
 Acq: 22 Sep 2018 00:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.3	46.9
170	24.6	21.0	31.6



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: 17.42 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BG036873.D

Acq: 22 Sep 2018 00:35

Instrument :

BNA_G

ClientSampleId :

PL-04-092018-C

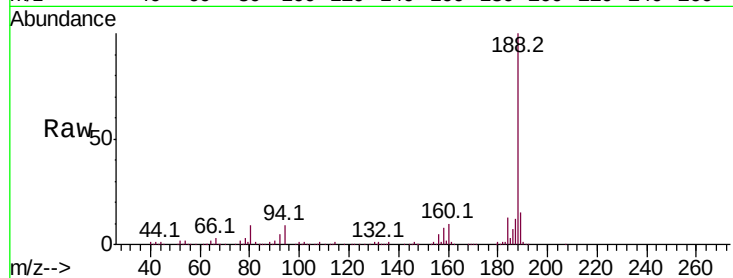
Tot Ion:188 Resp: 300950

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

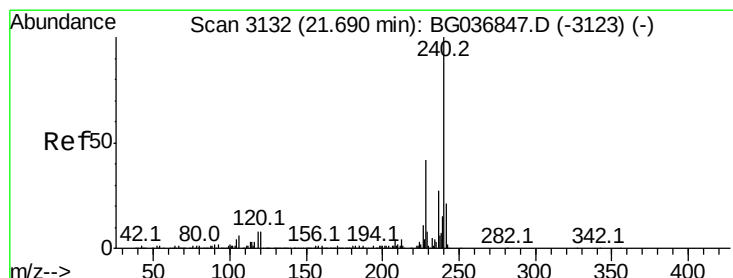
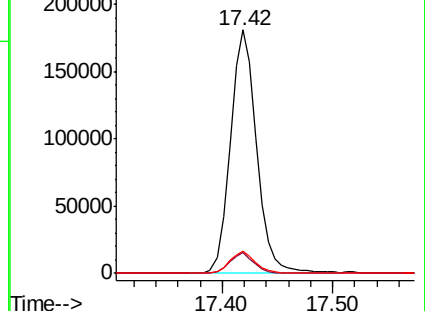
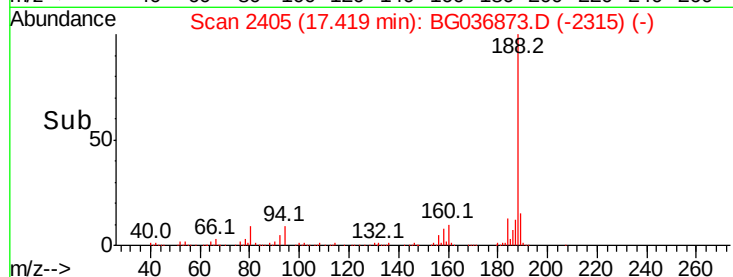
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036873.D

Acq: 22 Sep 2018 00:35

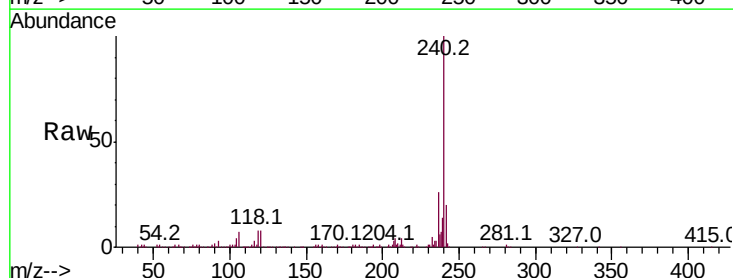
Tgt Ion:240 Resp: 340944

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

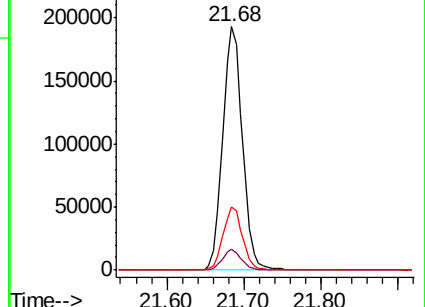
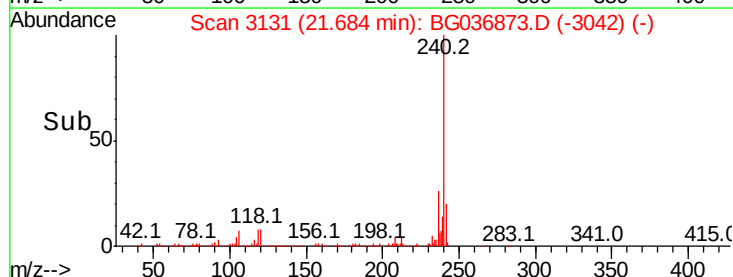
236 25.8 21.2 31.8

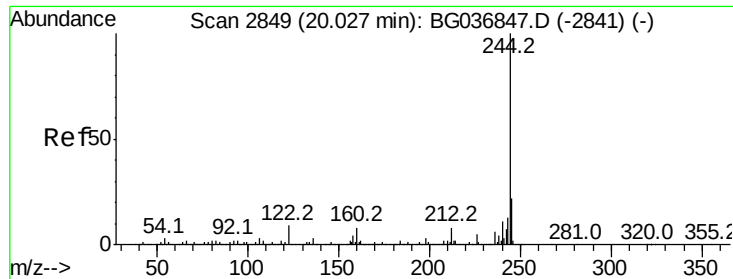


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

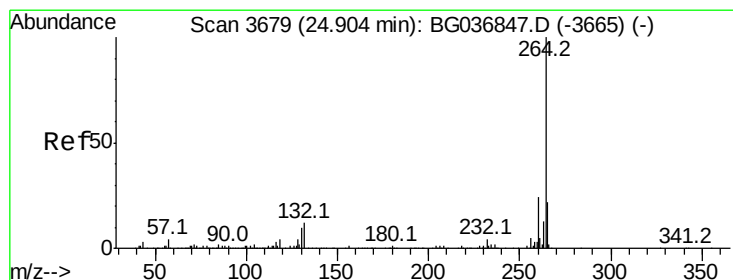
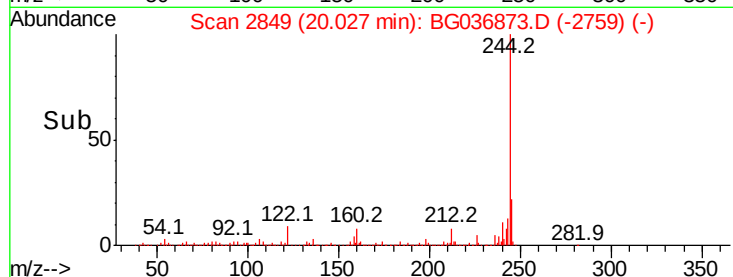
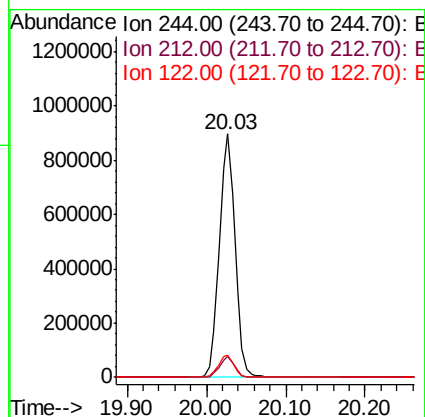
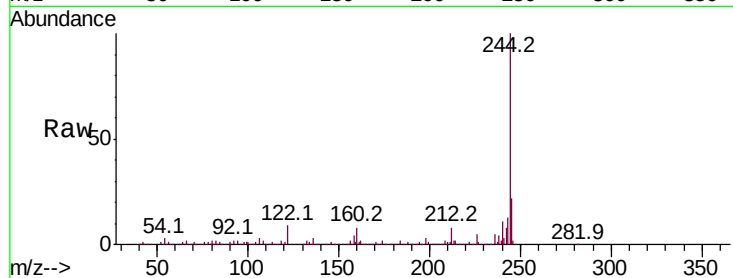




#78
 Terphenyl-d14
 Concen: 95.044 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BG036873.D
 Acq: 22 Sep 2018 00:35

Instrument :
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Tot Ion:244 Resp: 1232352
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.6
 122 9.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.01 min
 Lab File: BG036873.D
 Acq: 22 Sep 2018 00:35

Tgt Ion:264 Resp: 309332
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.6 29.4
 265 21.5 17.4 26.0

