

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036867.D
 Acq On : 21 Sep 2018 20:41
 Operator : JU/SJ
 Sample : J4777-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-0920-18-D

Quant Time: Sep 22 05:02:53 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	8.04	152	36593	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	148160	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	100174	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	282375	20.00	ng	0.00
75) Chrysene-d12	21.69	240	318608	20.00	ng	0.00
86) Perylene-d12	24.89	264	314865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	239091	125.30	ng	0.00
7) Phenol-d6	7.21	99	311245	105.43	ng	0.00
23) Nitrobenzene-d5	9.21	82	243757	88.10	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	170225	142.03	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	553472	82.29	ng	0.00
78) Terphenyl-d14	20.02	244	1194168	98.56	ng	0.00

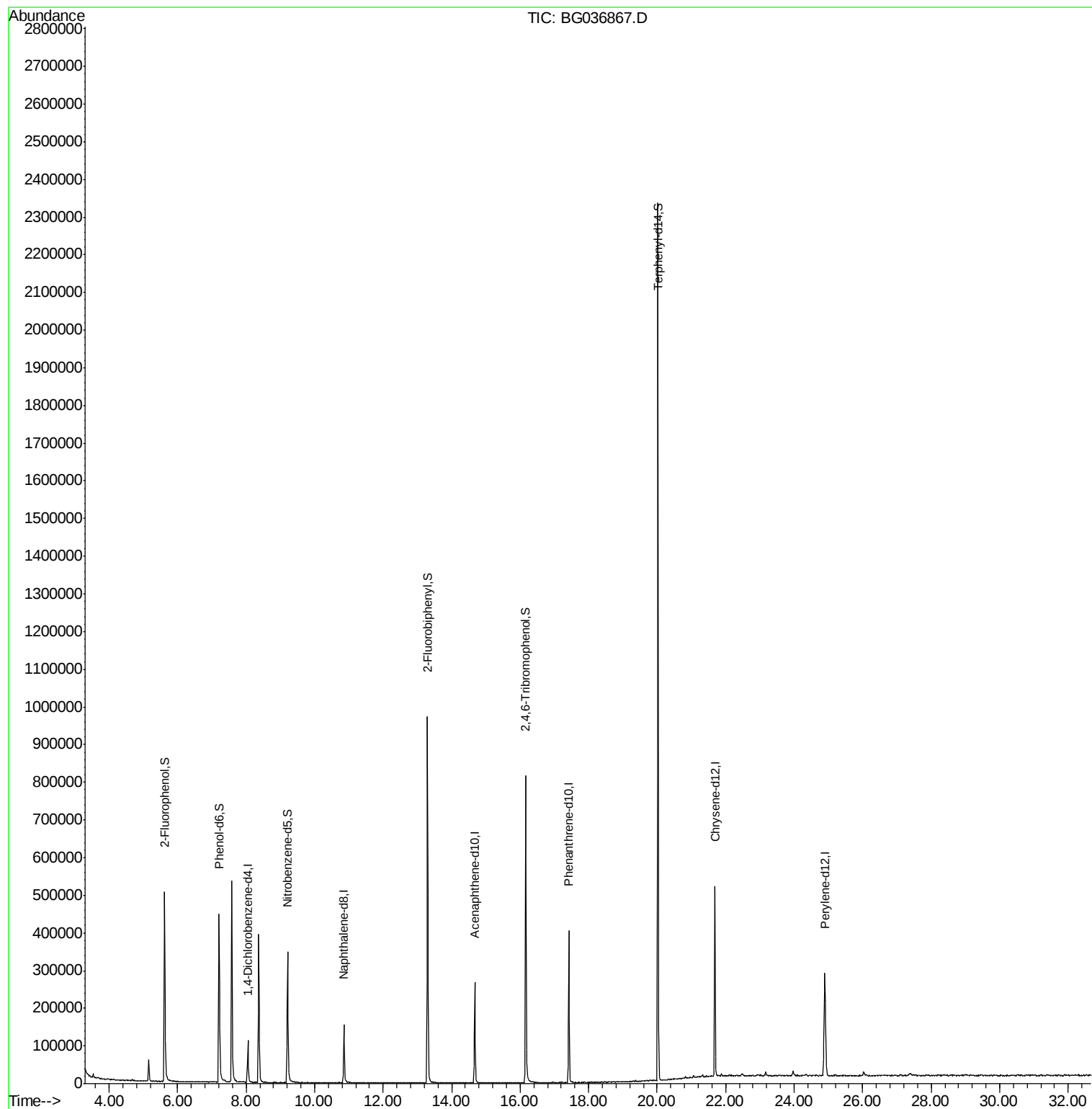
Target Compounds Qvalue

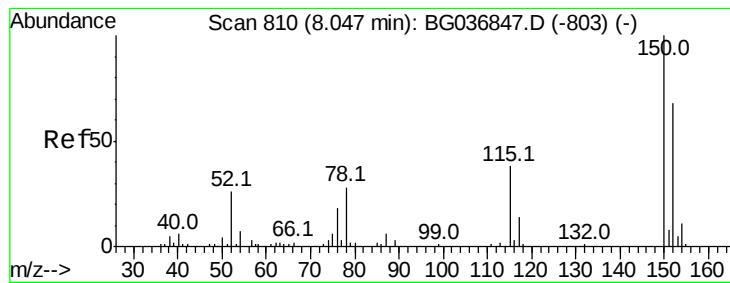
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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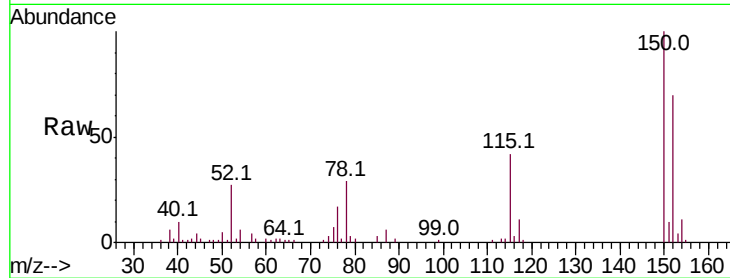


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG036867.D
 Acq: 21 Sep 2018 20:41

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-0920-18-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	119.5	179.3
115	60.4	44.5	66.7

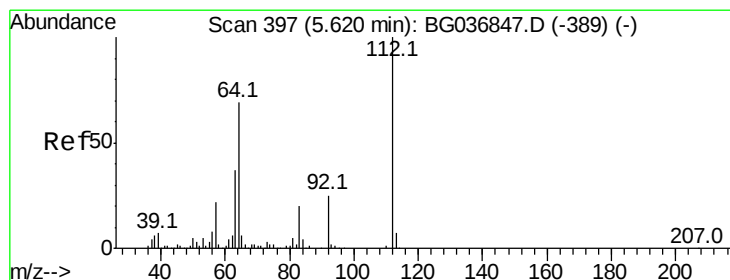
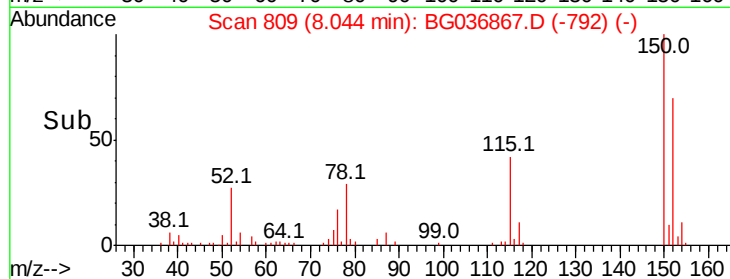
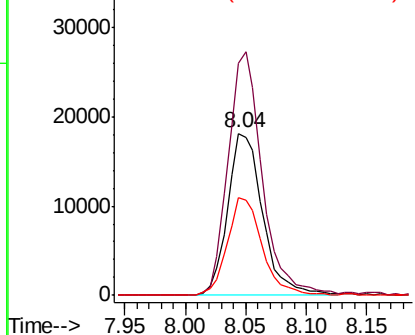


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

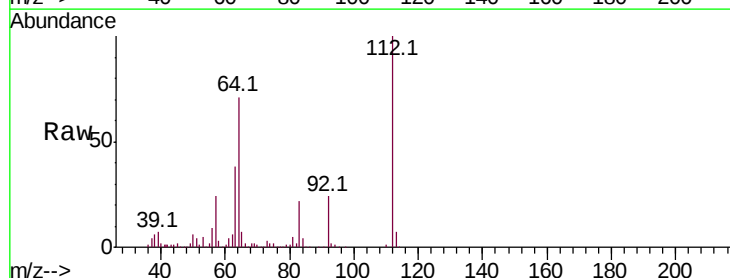
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 125.304 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036867.D
 Acq: 21 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.2	85.8
63	37.9	30.8	46.2

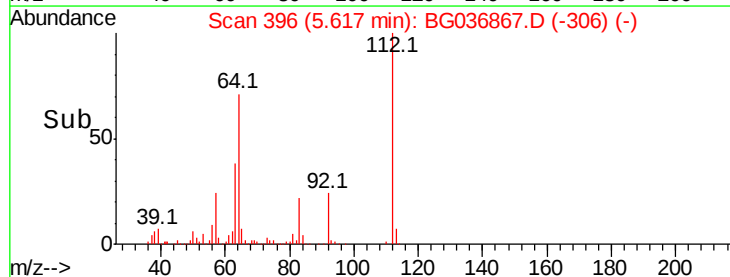
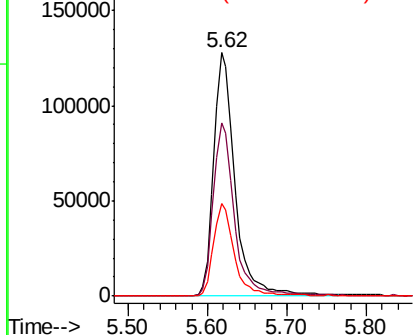


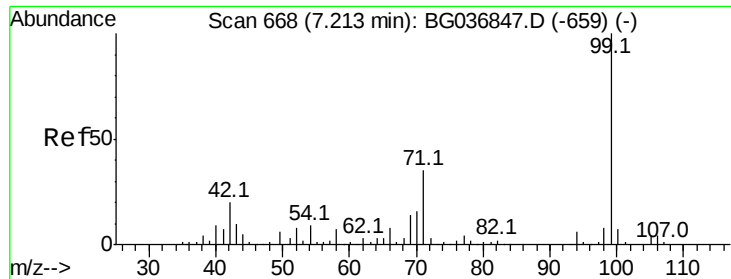
Abundance

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: 105.430 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036867.D

Acq: 21 Sep 2018 20:41

Instrument :

BNA_G

ClientSampleId :

PL-02-0920-18-D

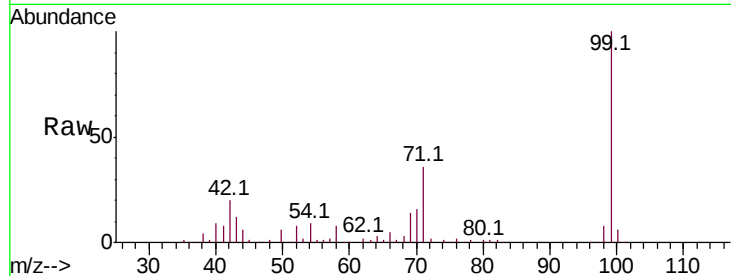
Tot Ion: 99 Resp: 311245

Ion Ratio Lower Upper

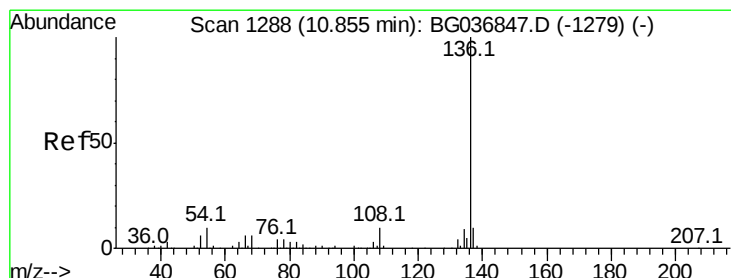
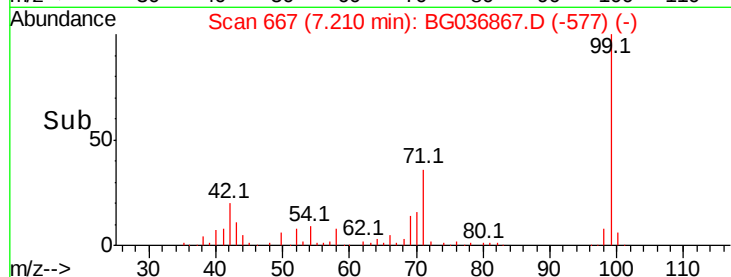
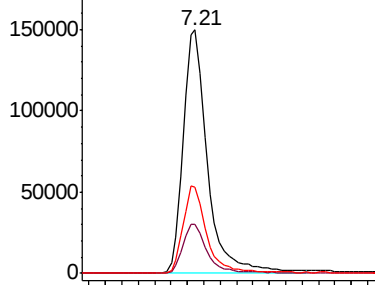
99 100

42 20.3 16.5 24.7

71 35.5 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: 10.85 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG036867.D

Acq: 21 Sep 2018 20:41

Tgt Ion: 136 Resp: 148160

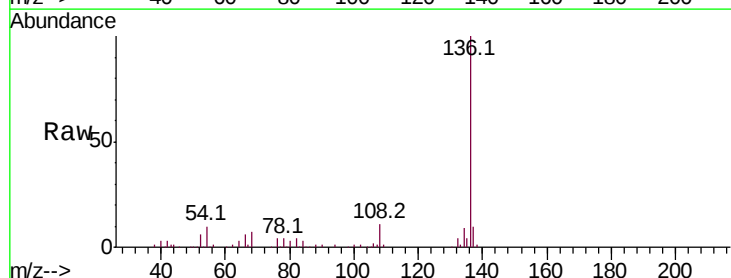
Ion Ratio Lower Upper

136 100

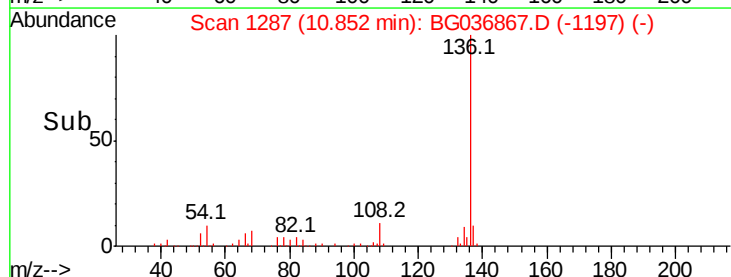
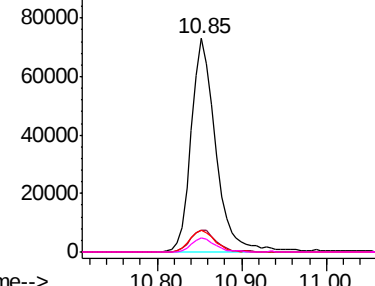
137 10.5 8.8 13.2

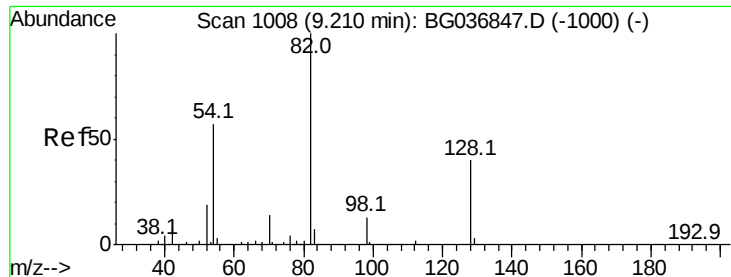
54 10.3 9.2 13.8

68 6.7 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

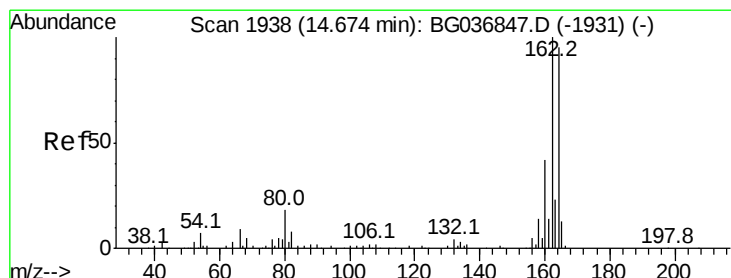
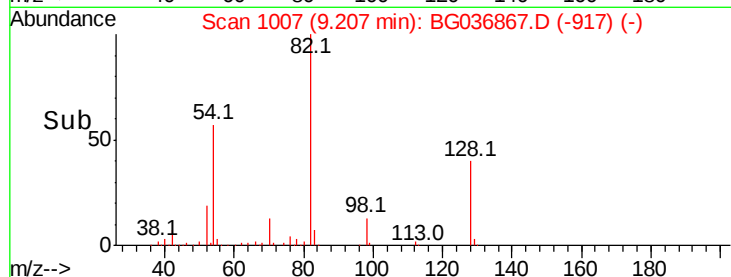
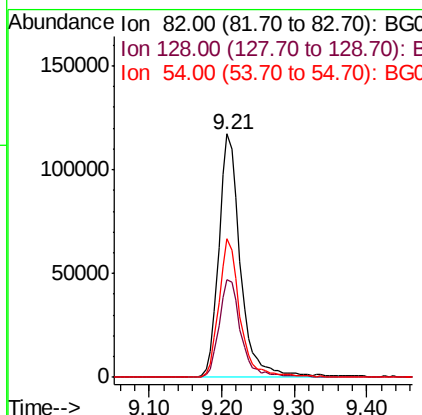
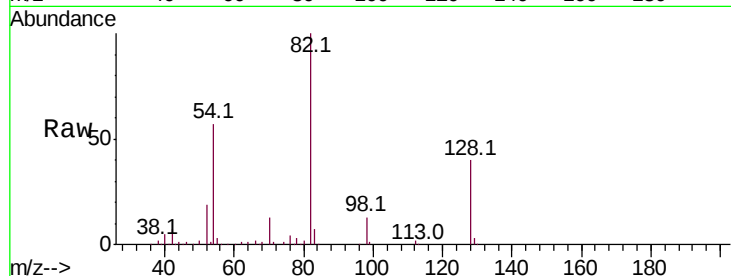




#23
Nitrobenzene-d5
Concen: 88.104 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036867.D
Acq: 21 Sep 2018 20:41

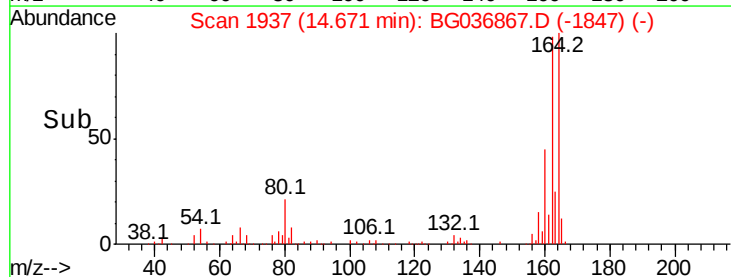
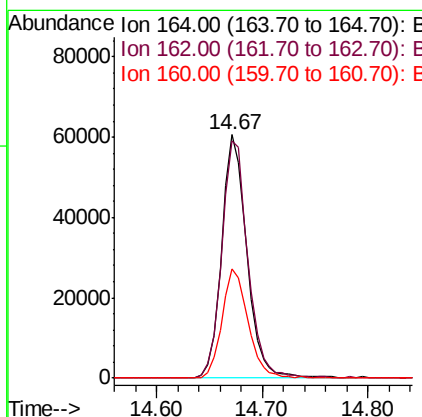
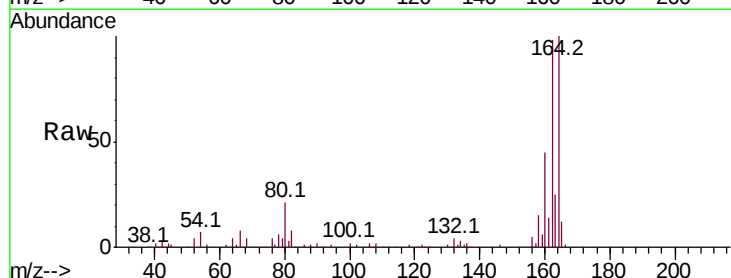
Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-D

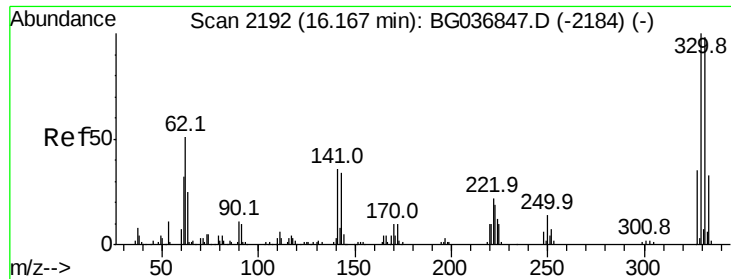
Tot Ion	82	Resp	243757
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.3	49.9
54	57.1	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036867.D
Acq: 21 Sep 2018 20:41

Tgt Ion	164	Resp	100174
Ion Ratio	Lower	Upper	
164	100		
162	97.6	80.7	121.1
160	44.6	35.3	52.9

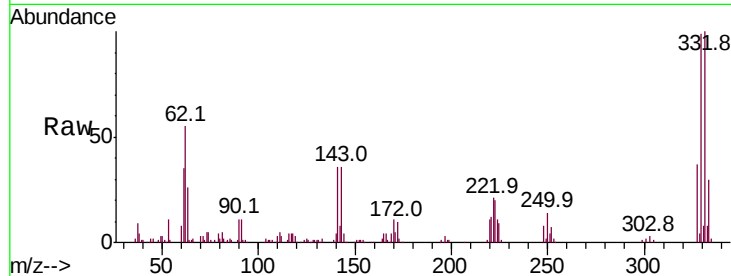




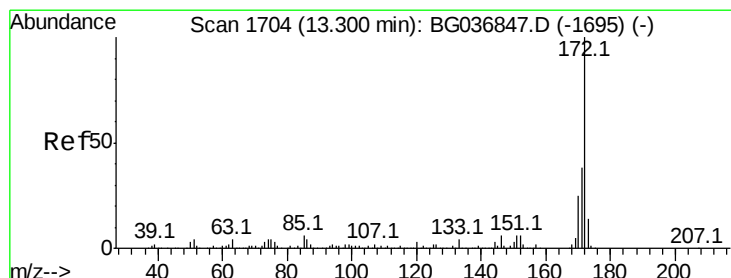
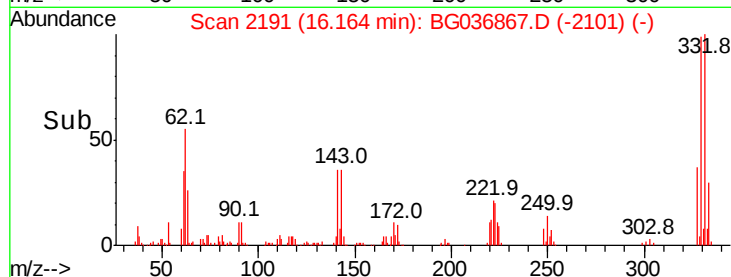
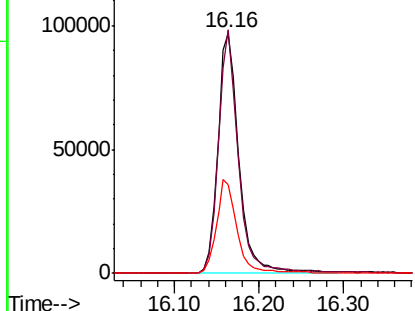
#41
 2,4,6-Tribromophenol
 Concen: 142.029 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036867.D
 Acq: 21 Sep 2018 20:41

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-0920-18-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.4	113.2
141	37.3	30.7	46.1

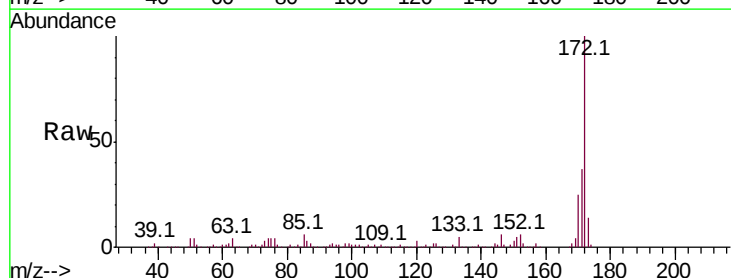


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

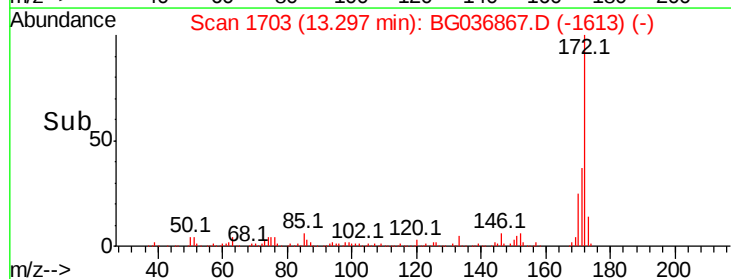
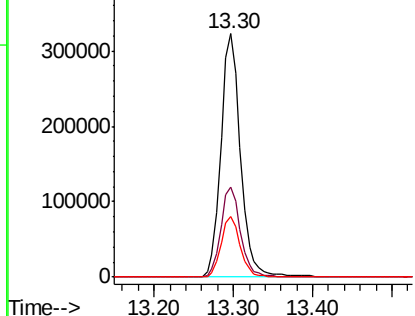


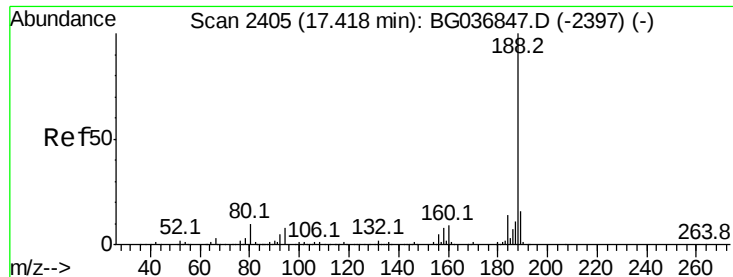
#44
 2-Fluorobiphenyl
 Concen: 82.290 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036867.D
 Acq: 21 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	25.1	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

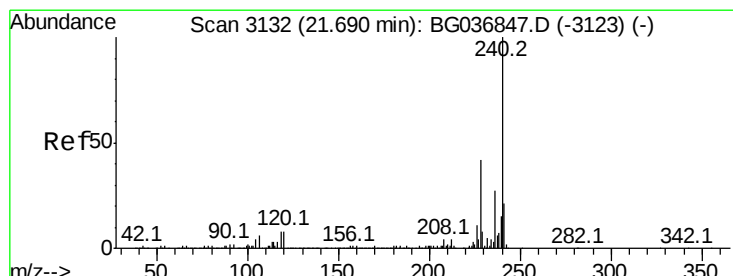
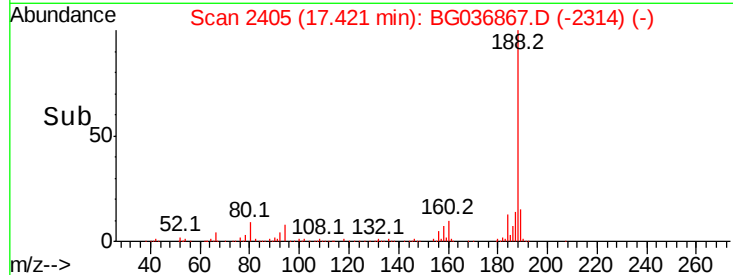
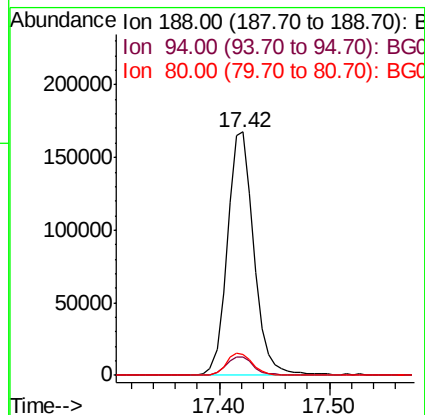
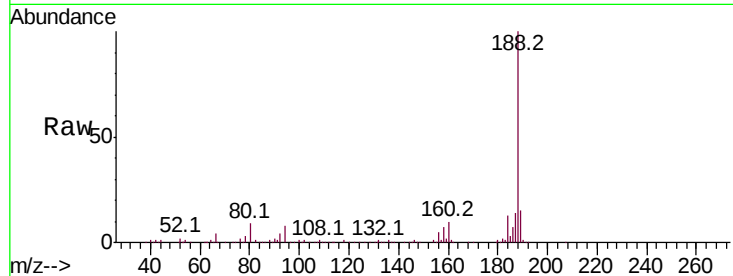




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036867.D
Acq: 21 Sep 2018 20:41

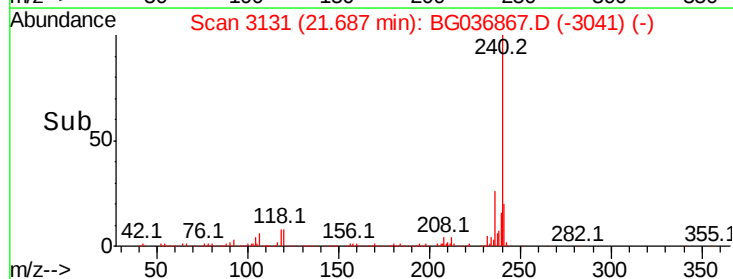
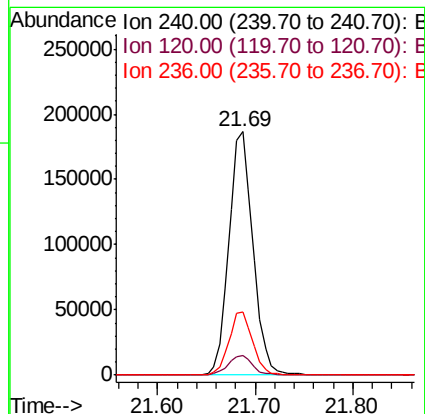
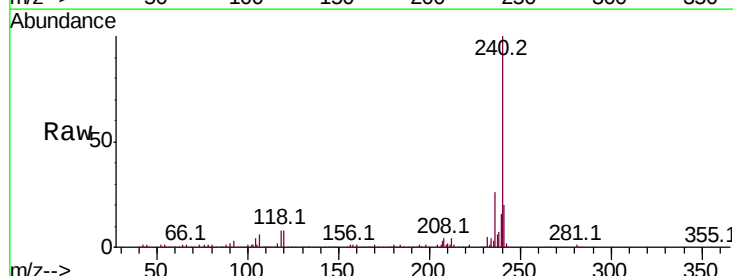
Instrument :
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PL-02-0920-18-D

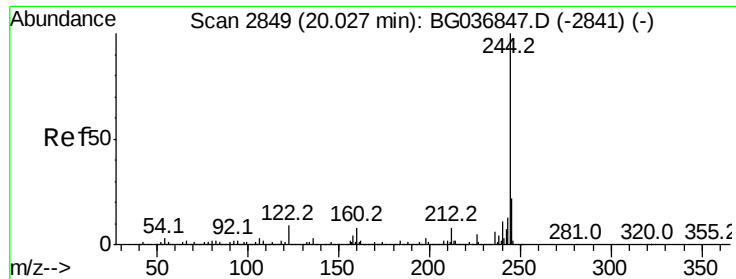
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.6	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG036867.D
Acq: 21 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	25.7	21.2	31.8





#78

Terphenyl-d14

Concen: 98.555 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036867.D

Acq: 21 Sep 2018 20:41

Instrument :

BNA_G

ClientSampleId :

PL-02-0920-18-D

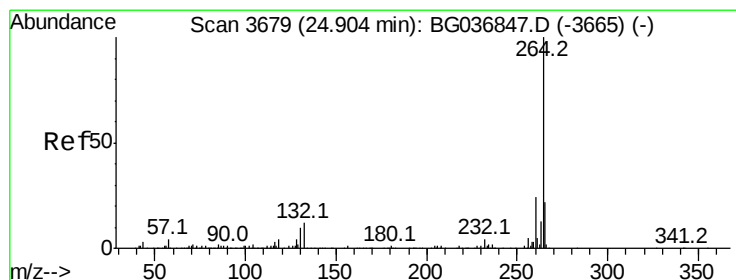
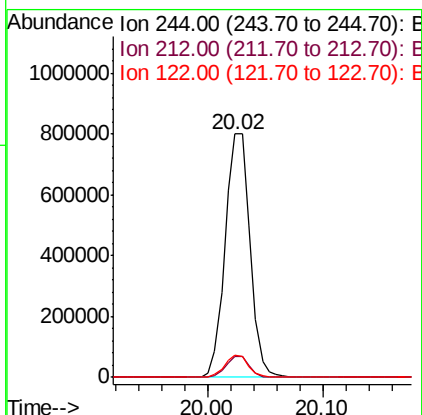
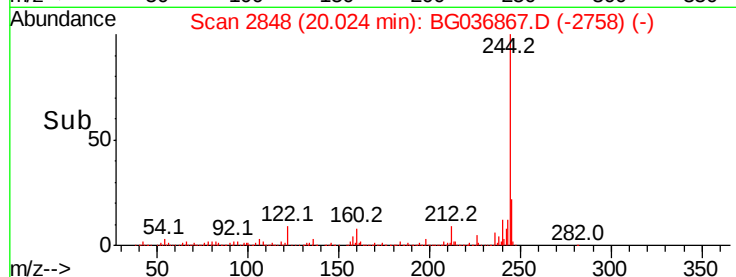
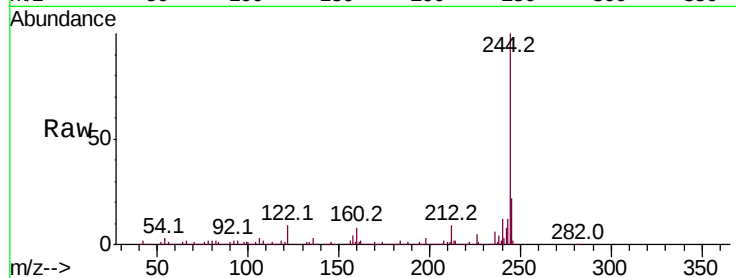
Tot Ion:244 Resp: 1194168

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

122 9.0 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036867.D

Acq: 21 Sep 2018 20:41

Tgt Ion:264 Resp: 314865

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 20.6 17.4 26.0

