

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036869.D
 Acq On : 21 Sep 2018 21:59
 Operator : JU/SJ
 Sample : J4777-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-B

Quant Time: Sep 22 05:05:50 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	38165	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	155573	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	103123	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	284067	20.00	ng	0.00
75) Chrysene-d12	21.69	240	323063	20.00	ng	0.00
86) Perylene-d12	24.89	264	320113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	261138	131.22	ng	0.00
7) Phenol-d6	7.21	99	330922	107.48	ng	0.00
23) Nitrobenzene-d5	9.21	82	258550	89.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	177263	143.67	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	571801	82.58	ng	0.00
78) Terphenyl-d14	20.02	244	1228484	99.99	ng	0.00

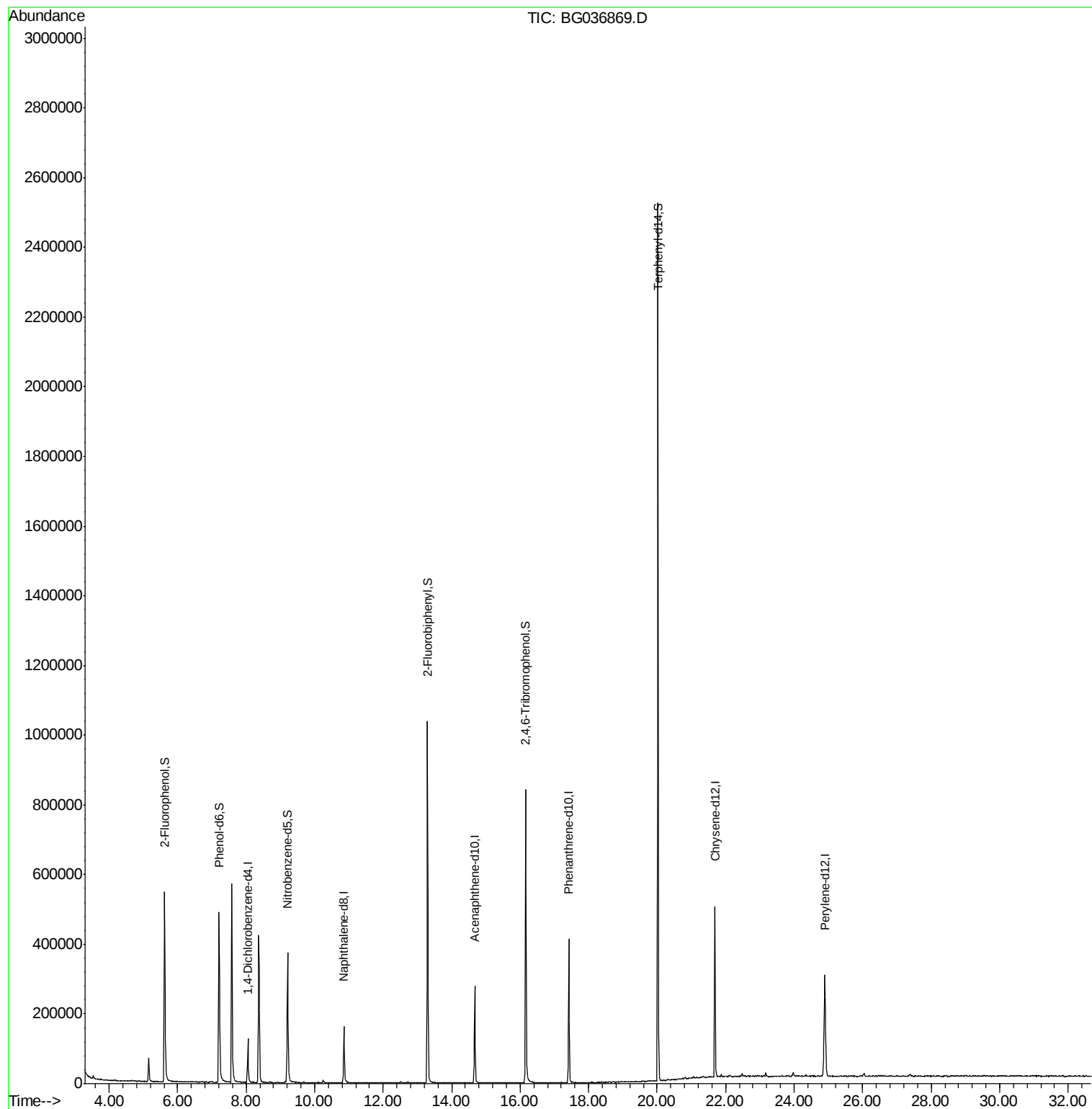
Target Compounds Qvalue

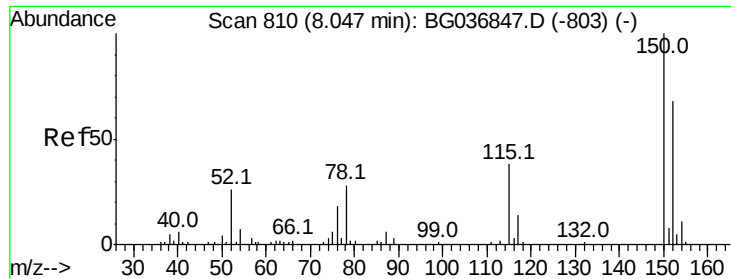
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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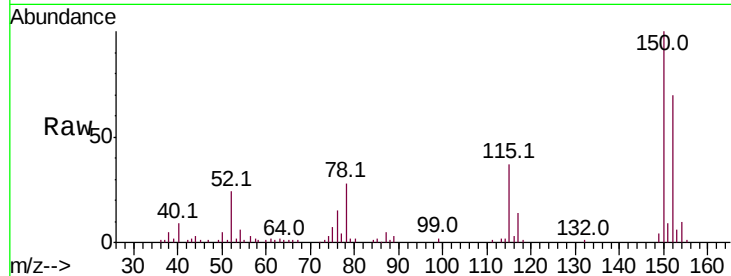


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.6	119.5	179.3
115	53.2	44.5	66.7

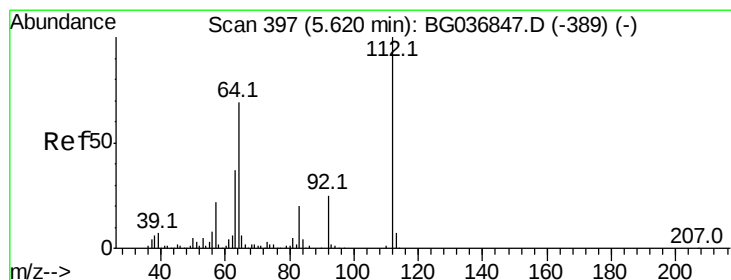
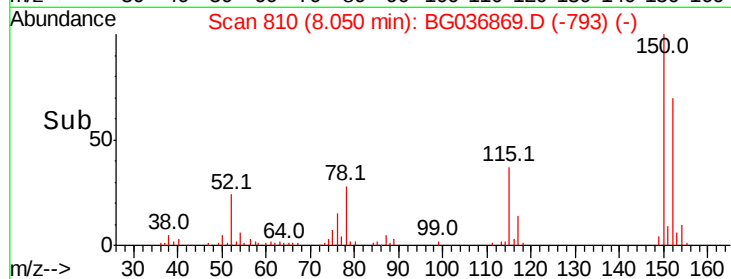
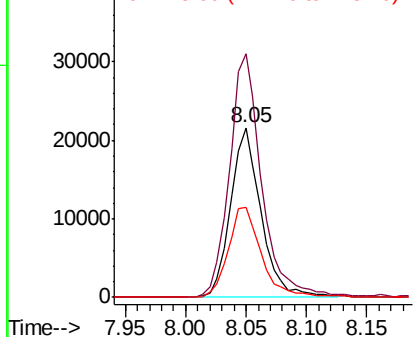


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

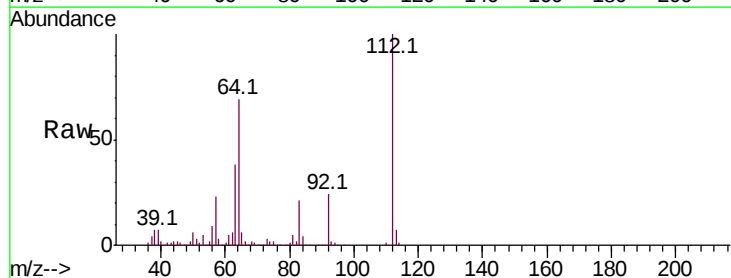
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 131.221 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	57.2	85.8
63	38.0	30.8	46.2

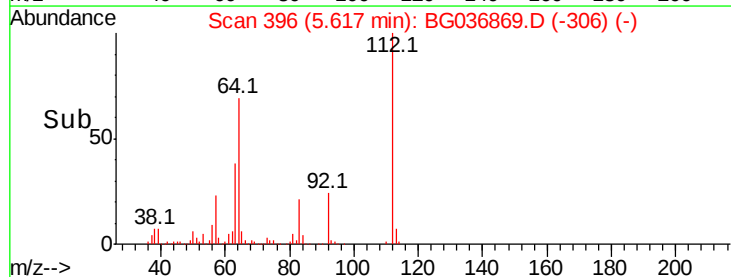
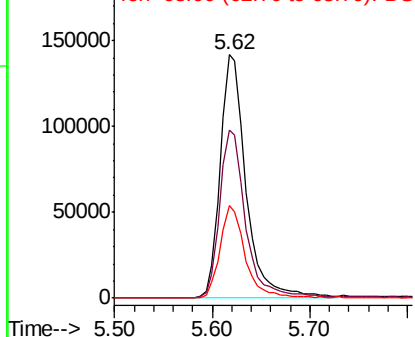


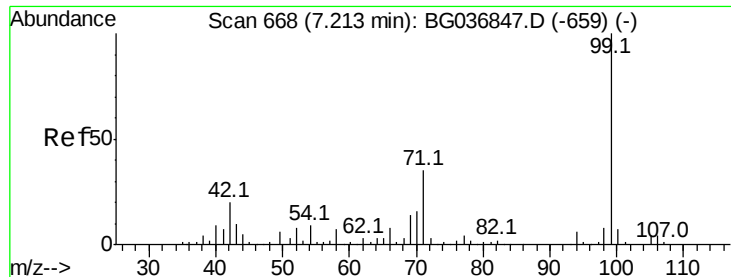
Abundance

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: 107.479 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036869.D

Acq: 21 Sep 2018 21:59

Instrument :

BNA_G

ClientSampleId :

PL-03-092018-B

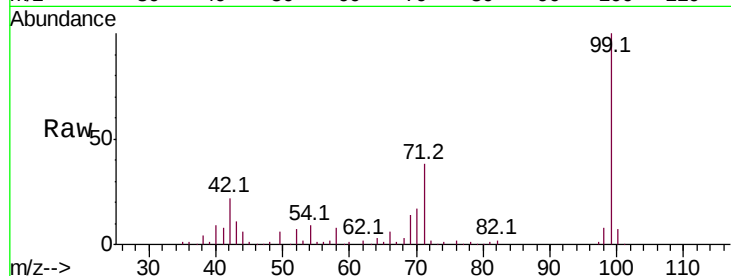
Tot Ion: 99 Resp: 330922

Ion Ratio Lower Upper

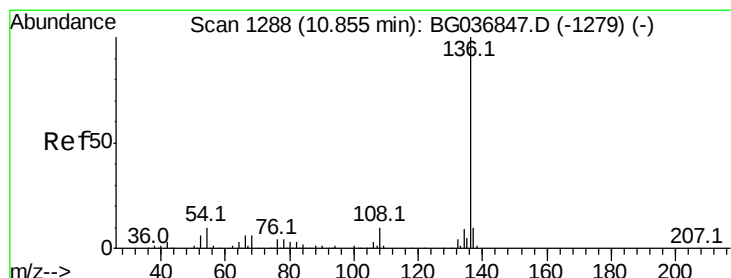
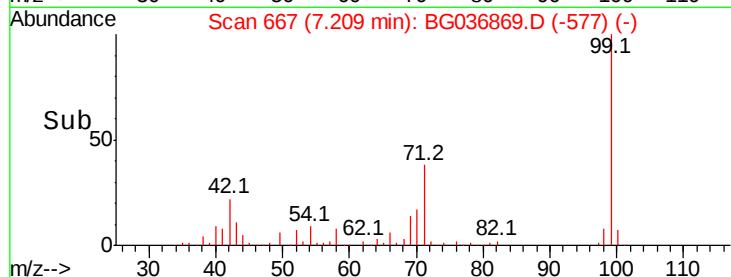
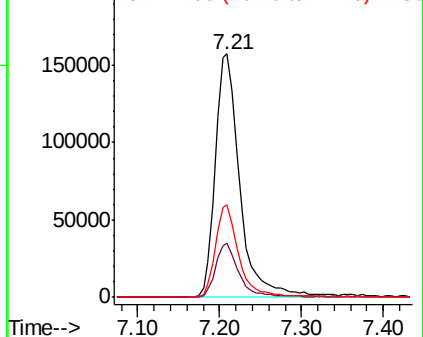
99 100

42 22.0 16.5 24.7

71 38.0 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: BG036869.D

Acq: 21 Sep 2018 21:59

Tgt Ion:136 Resp: 155573

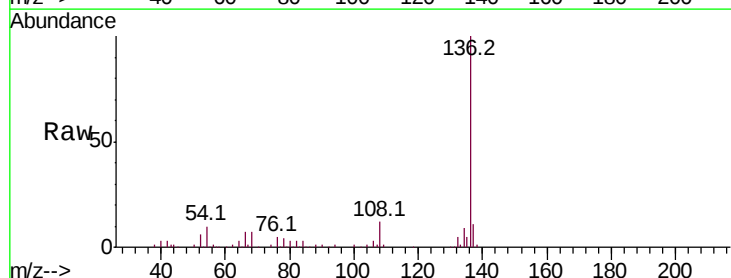
Ion Ratio Lower Upper

136 100

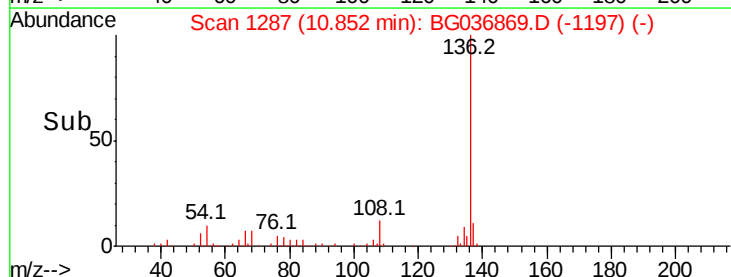
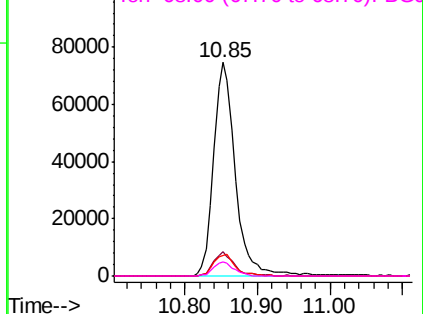
137 11.4 8.8 13.2

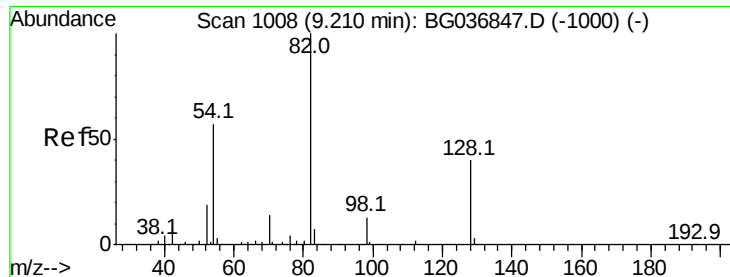
54 9.8 9.2 13.8

68 6.9 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

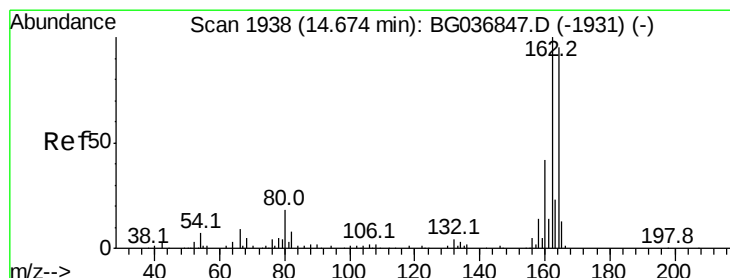
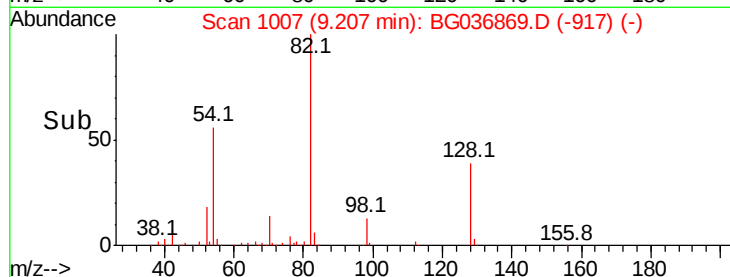
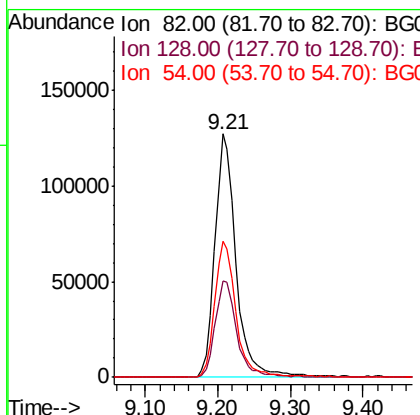
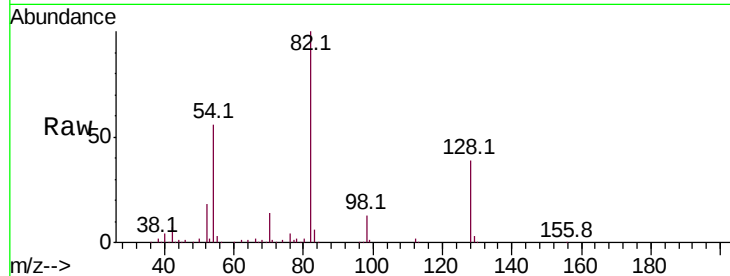




#23
Nitrobenzene-d5
Concen: 88.998 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

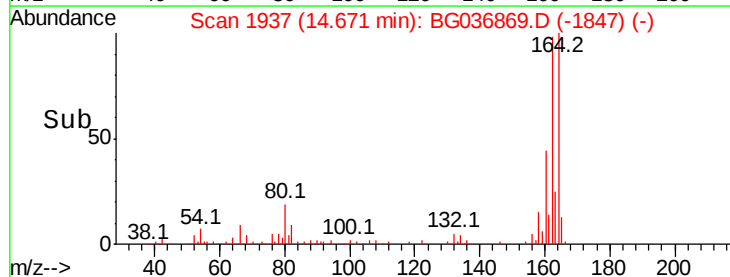
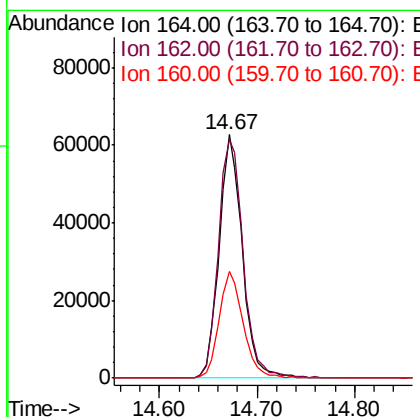
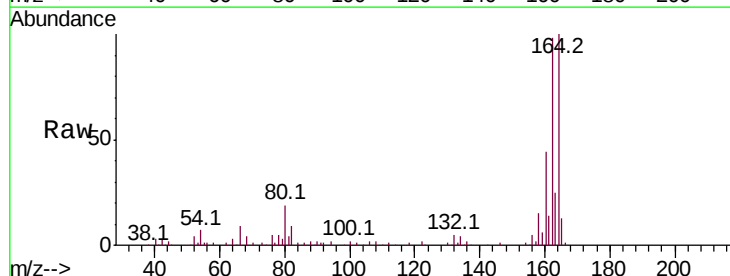
Instrument :
BNA_G
ClientSampleId :
PL-03-092018-B

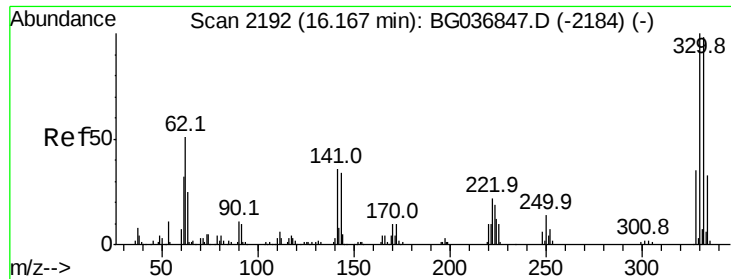
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.3	49.9
54	56.1	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	80.7	121.1
160	44.0	35.3	52.9

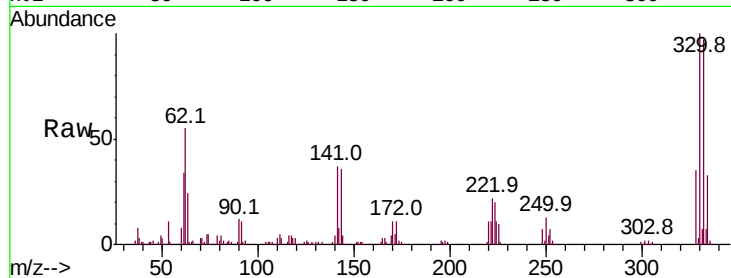




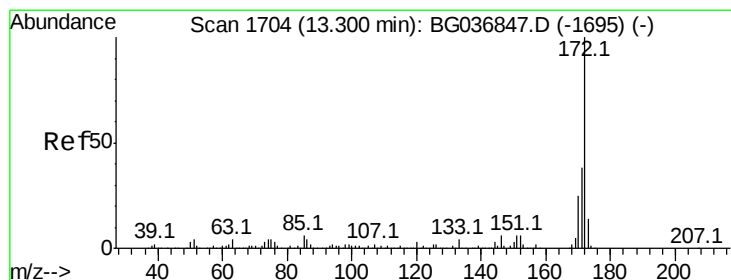
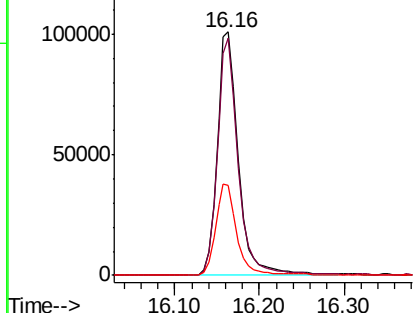
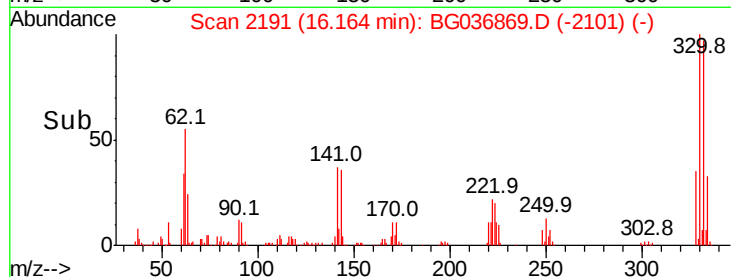
#41
 2,4,6-Tribromophenol
 Concen: 143.672 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.4	113.2
141	37.7	30.7	46.1

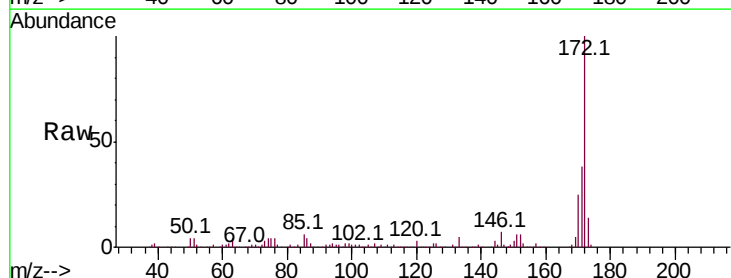


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

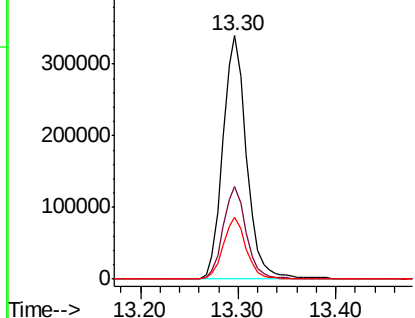
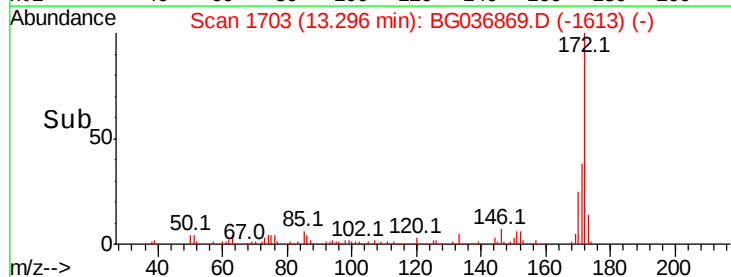


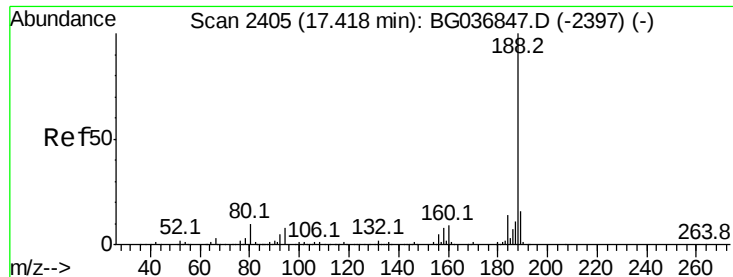
#44
 2-Fluorobiphenyl
 Concen: 82.584 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.2	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

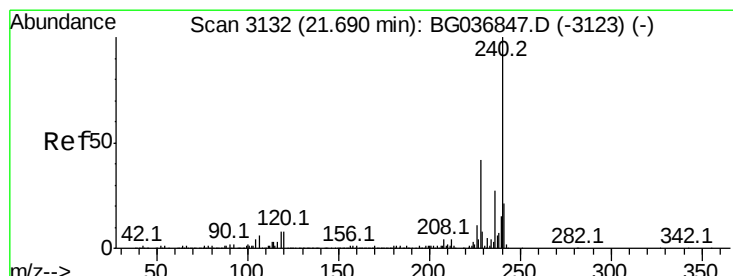
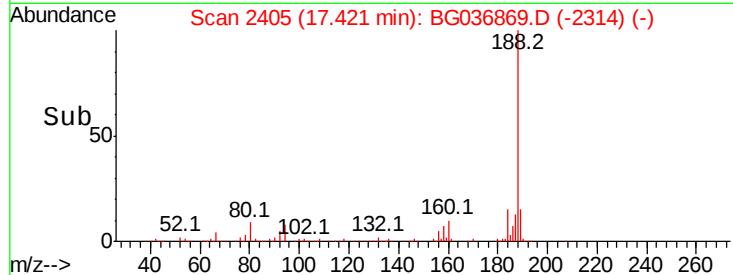
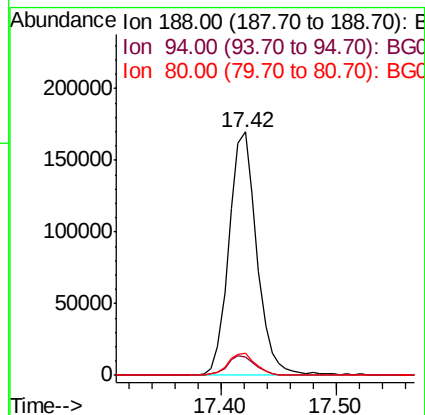
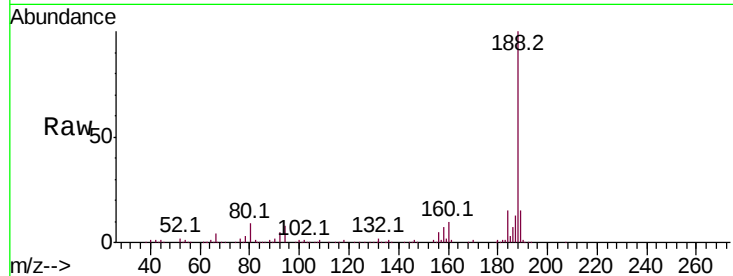




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

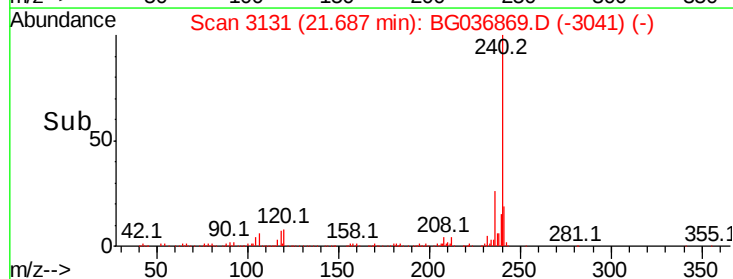
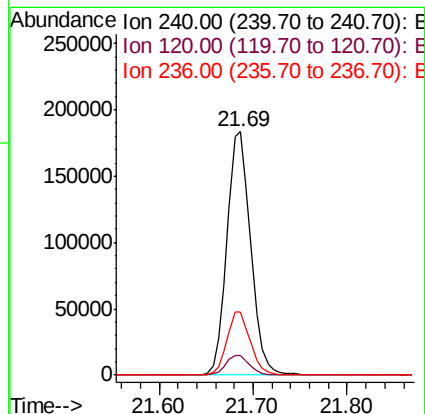
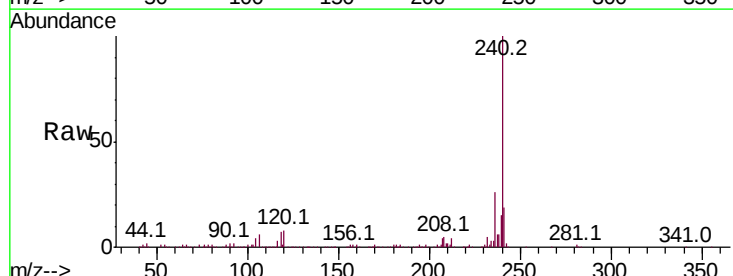
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PL-03-092018-B

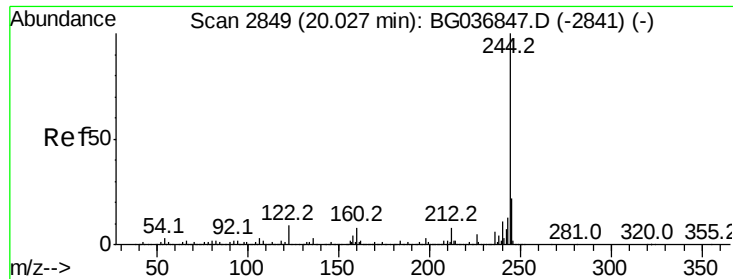
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.0	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	25.9	21.2	31.8



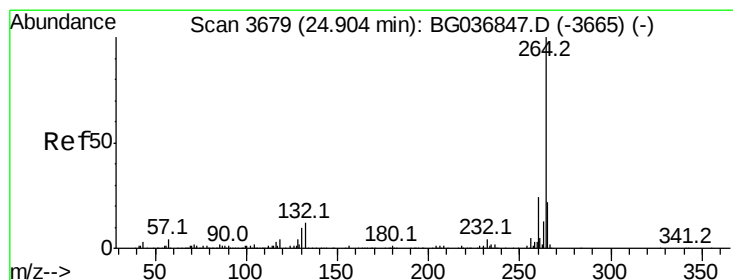
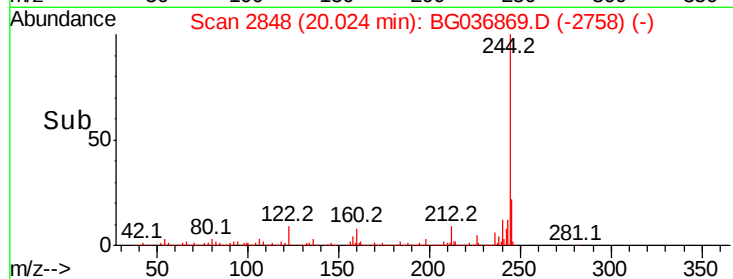
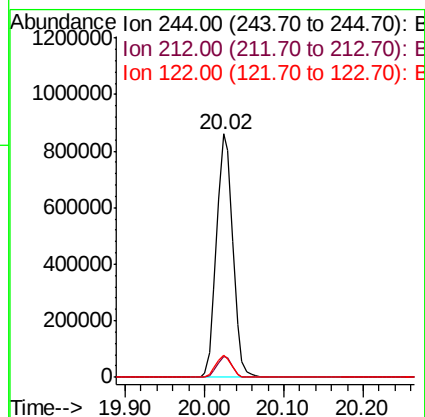
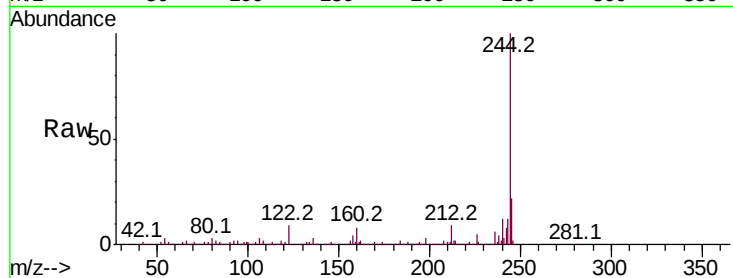


#78
 Terphenyl-d14
 Concen: 99.989 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-B

Tot Ion:244 Resp: 1228484

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: BG036869.D
 Acq: 21 Sep 2018 21:59

Tgt Ion:264 Resp: 320113

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.3	17.4	26.0

