

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
 Data File : BG036914.D
 Acq On : 23 Sep 2018 5:15
 Operator : JU/SJ
 Sample : PB113101BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113101BL

Quant Time: Sep 24 05:37:06 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	35282	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	151376	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	103592	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	281543	20.00	ng	0.00
75) Chrysene-d12	21.68	240	313893	20.00	ng	0.00
86) Perylene-d12	24.89	264	307616	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	224162	121.85	ng	0.00
7) Phenol-d6	7.20	99	318401	111.86	ng	0.00
23) Nitrobenzene-d5	9.21	82	302518	107.02	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	140182	113.10	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	739182	106.28	ng	0.00
78) Terphenyl-d14	20.02	244	1433843	120.11	ng	0.00

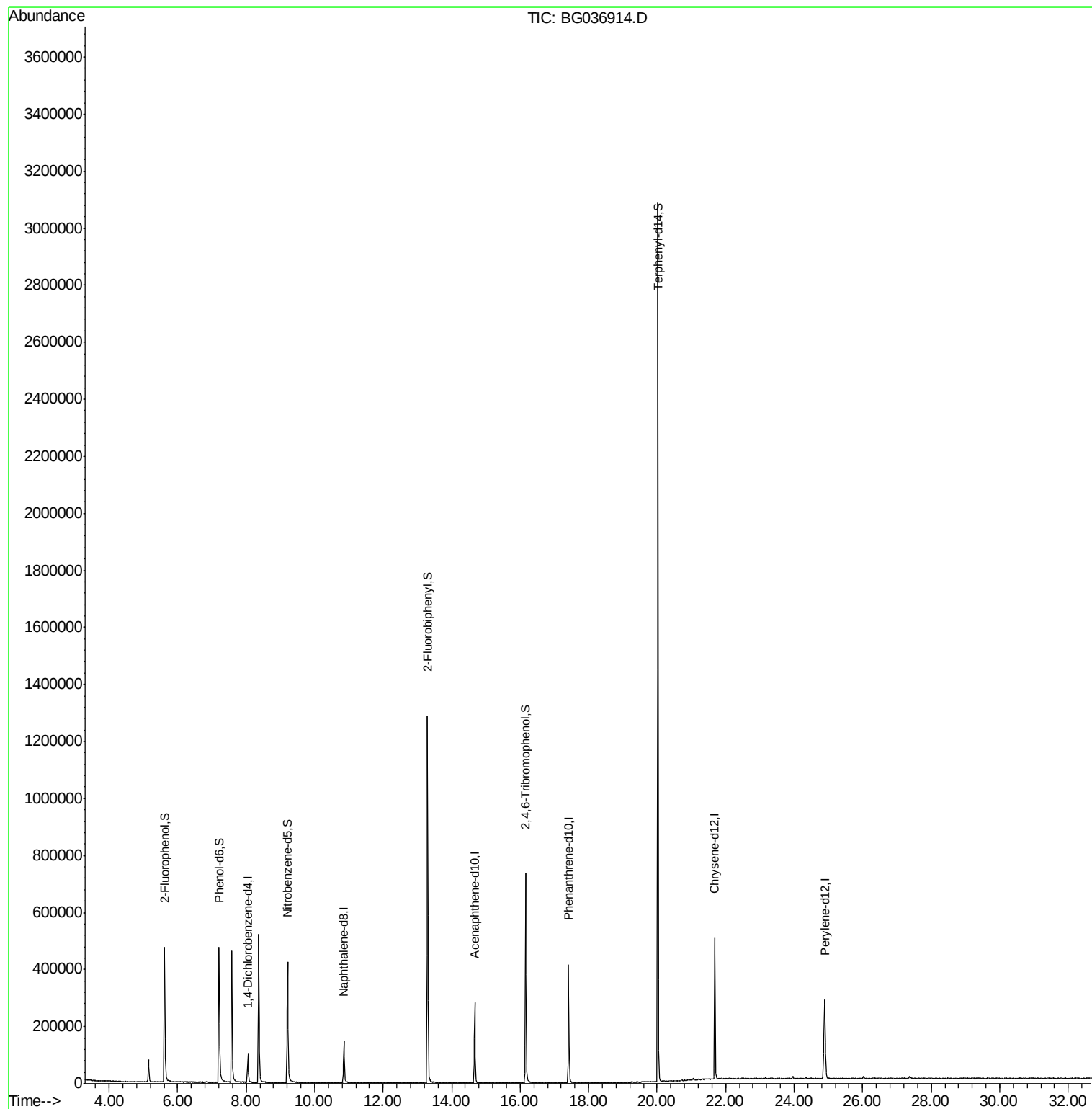
Target Compounds Qvalue

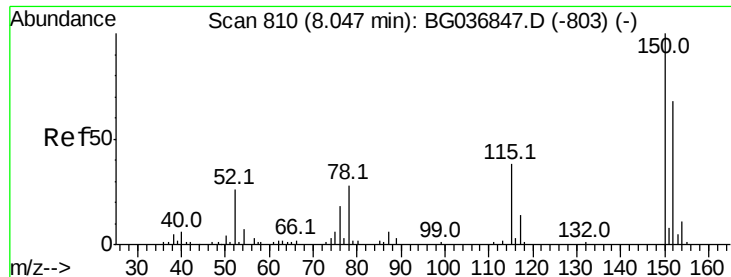
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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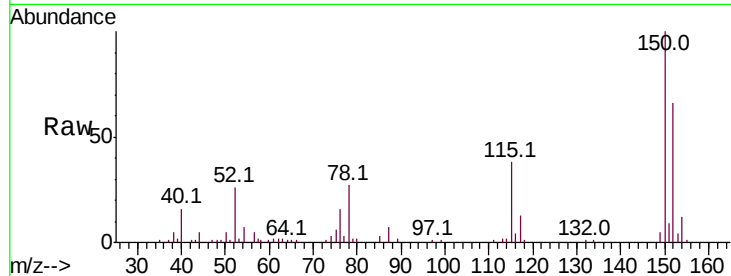


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036914.D
Acq: 23 Sep 2018 5:15

Instrument :
BNA_G
ClientSampleId :
PB113101BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	57.4	44.5	66.7

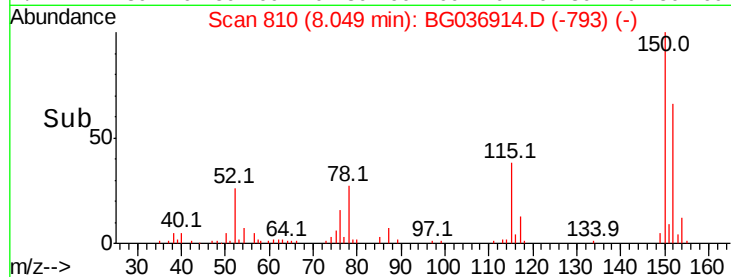
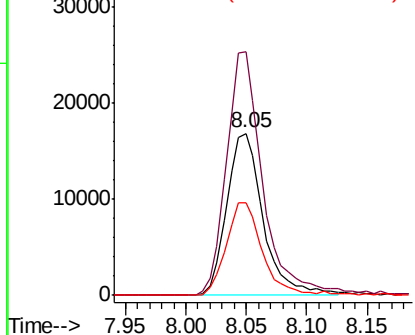


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

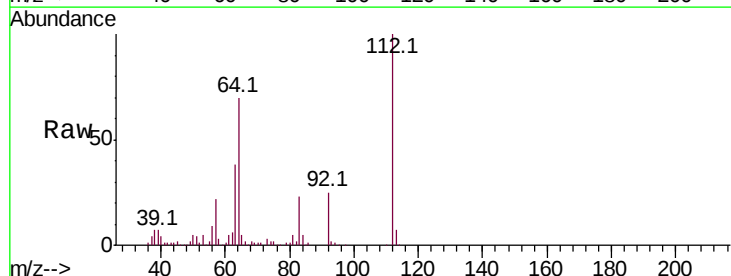
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.845 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036914.D
Acq: 23 Sep 2018 5:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.2	85.8
63	37.9	30.8	46.2

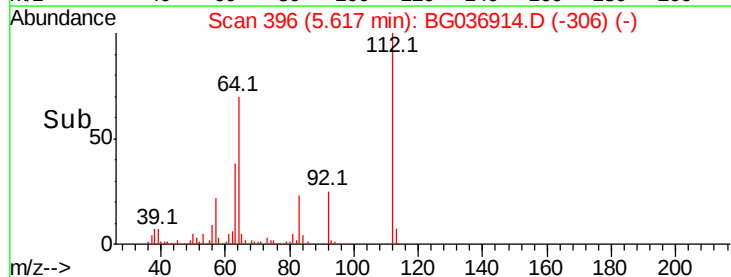
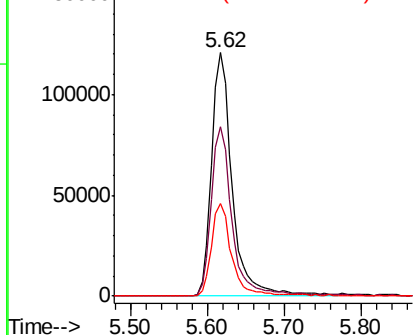


Abundance

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: 111.862 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036914.D

Acq: 23 Sep 2018 5:15

Instrument :

BNA_G

ClientSampleId :

PB113101BL

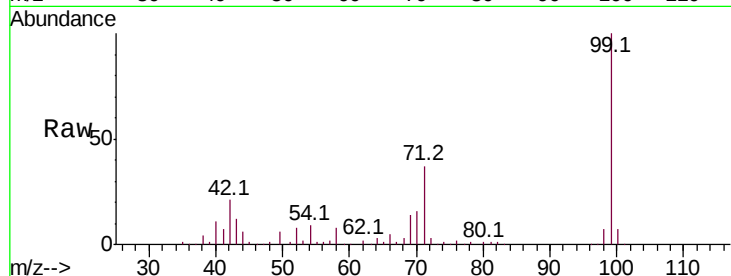
Tot Ion: 99 Resp: 318401

Ion Ratio Lower Upper

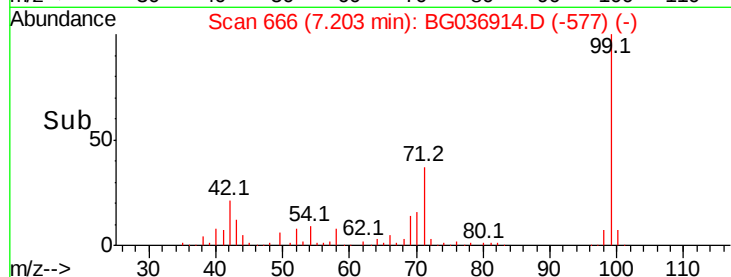
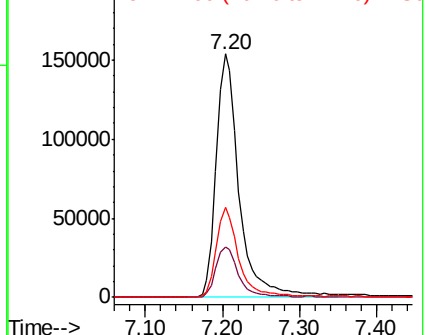
99 100

42 20.8 16.5 24.7

71 36.9 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: BG036914.D

Acq: 23 Sep 2018 5:15

Tgt Ion: 136 Resp: 151376

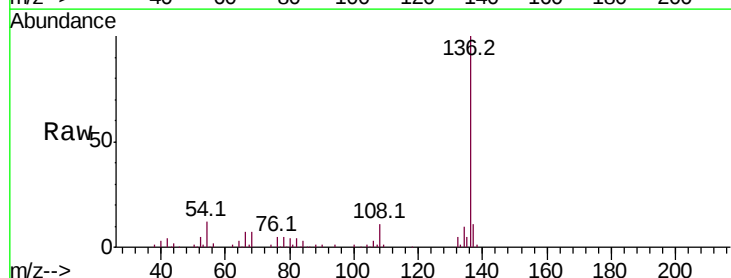
Ion Ratio Lower Upper

136 100

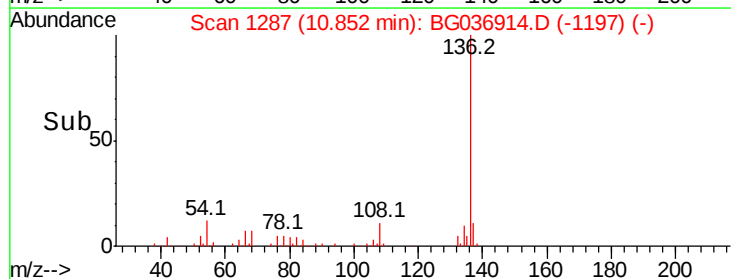
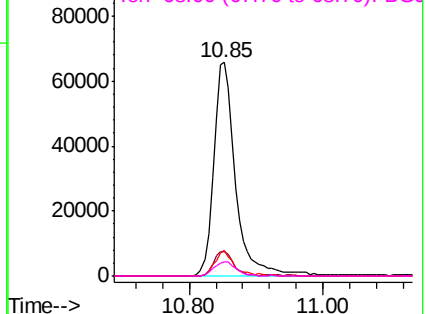
137 11.3 8.8 13.2

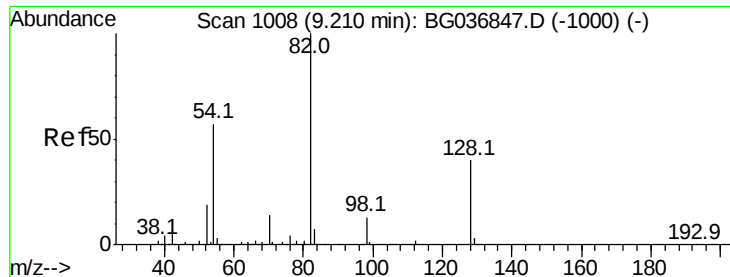
54 12.0 9.2 13.8

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

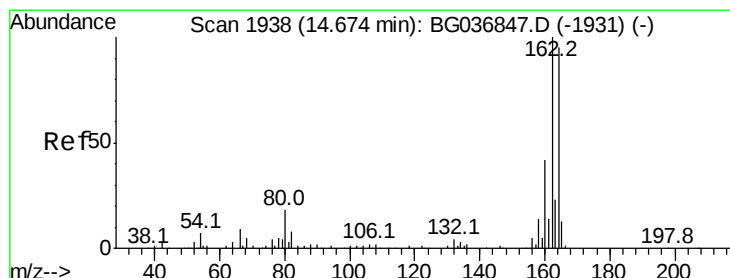
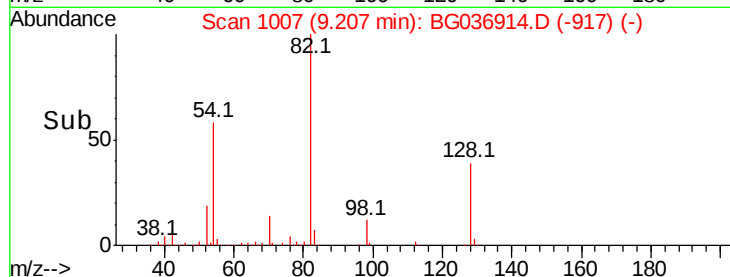
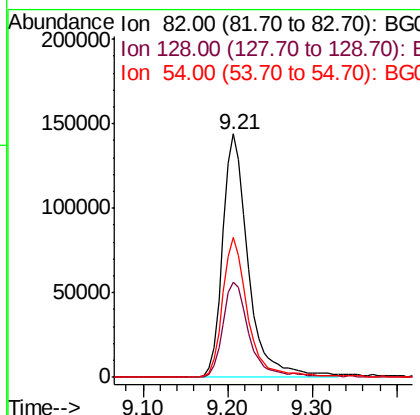
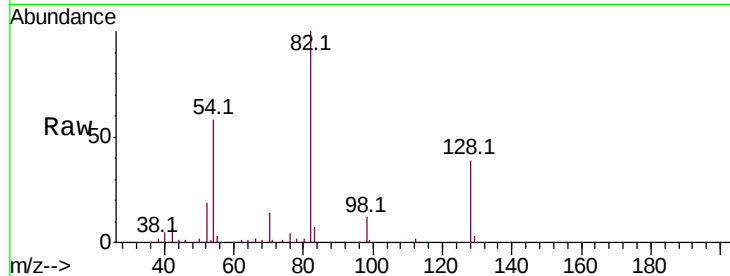




#23
Nitrobenzene-d5
Concen: 107.019 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036914.D
Acq: 23 Sep 2018 5:15

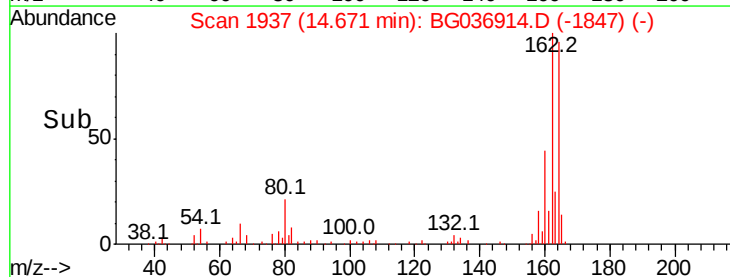
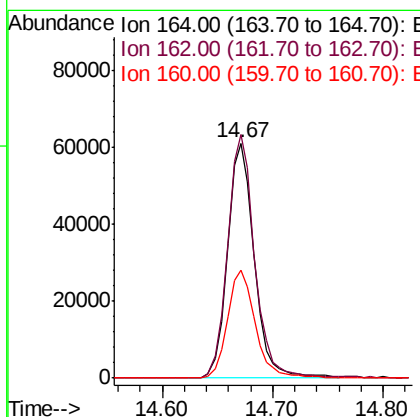
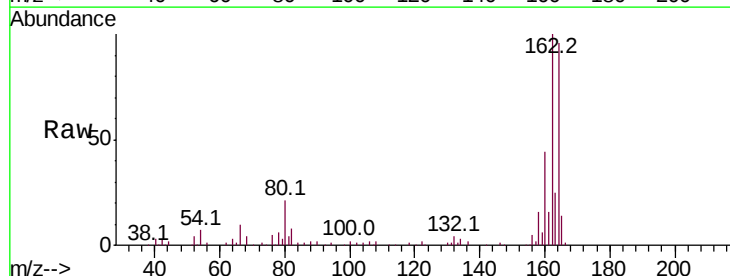
Instrument :
BNA_G
ClientSampleId :
PB113101BL

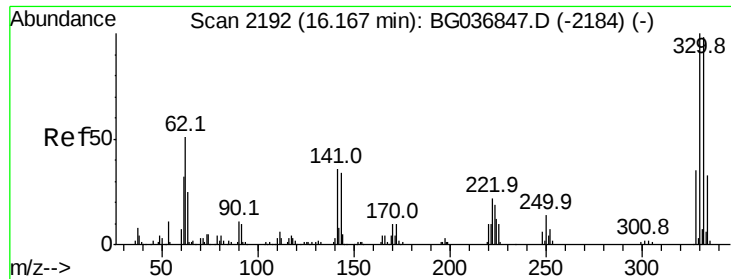
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.3	49.9
54	57.6	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036914.D
Acq: 23 Sep 2018 5:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	45.8	35.3	52.9

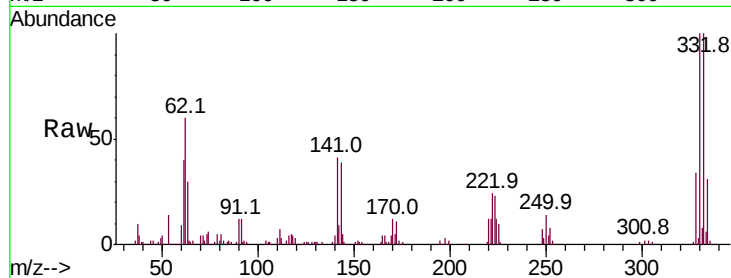




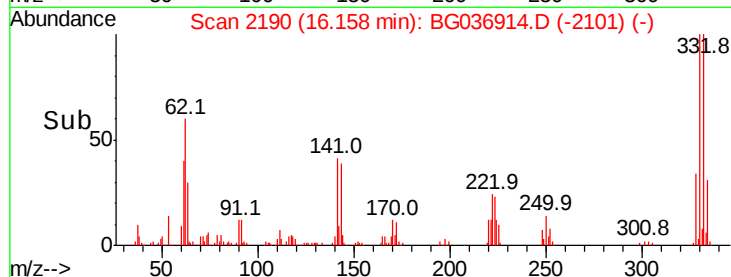
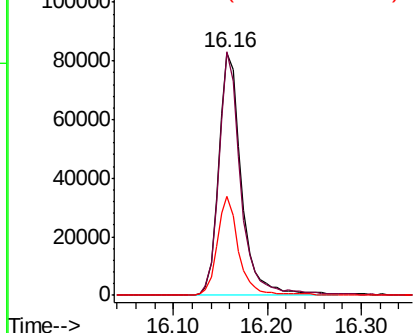
#41
 2,4,6-Tribromophenol
 Concen: 113.103 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036914.D
 Acq: 23 Sep 2018 5:15

Instrument :
 BNA_G
 ClientSampleId :
 PB113101BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.4	113.2
141	38.9	30.7	46.1

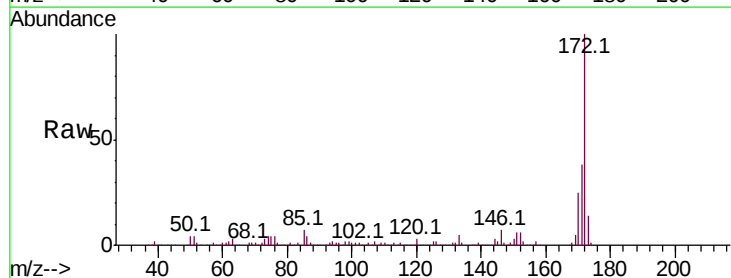


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

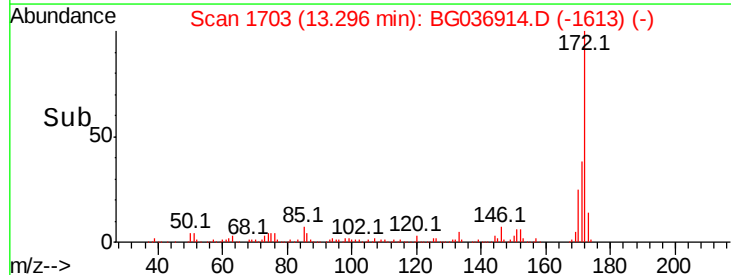
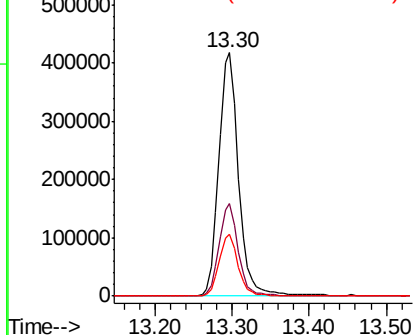


#44
 2-Fluorobiphenyl
 Concen: 106.276 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036914.D
 Acq: 23 Sep 2018 5:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.4	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: 17.41 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG036914.D

Acq: 23 Sep 2018 5:15

Instrument :

BNA_G

ClientSampleId :

PB113101BL

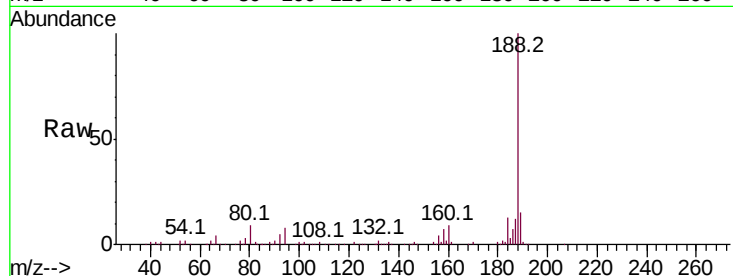
Tot Ion:188 Resp: 281543

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

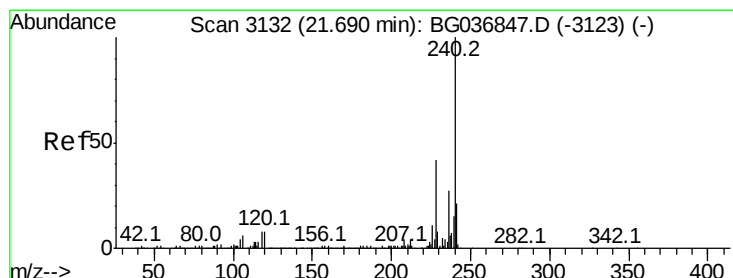
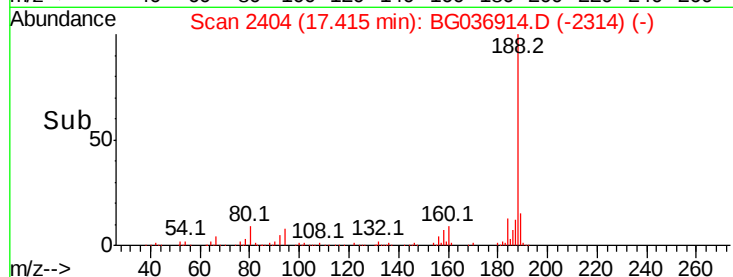
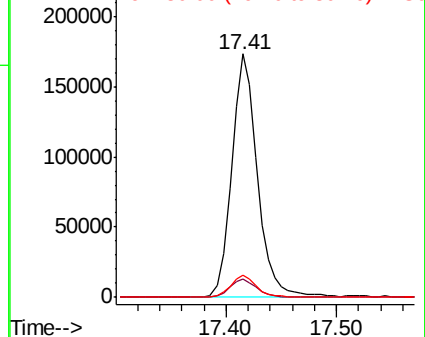
80 9.3 8.1 12.1



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# 3130

Delta R.T. -0.01 min

Lab File: BG036914.D

Acq: 23 Sep 2018 5:15

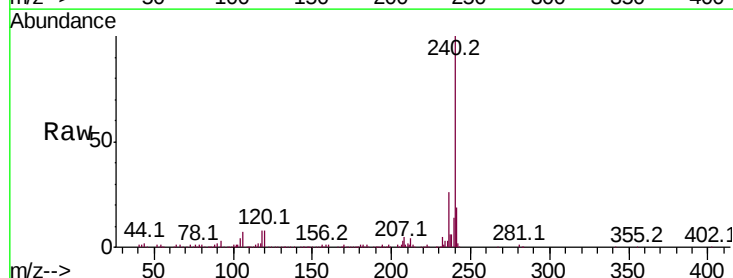
Tgt Ion:240 Resp: 313893

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

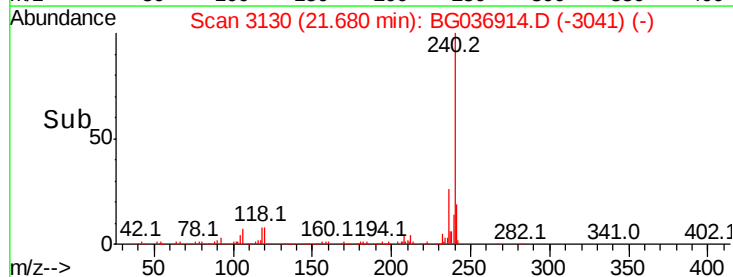
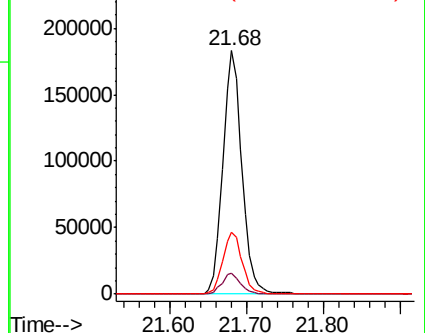
236 25.5 21.2 31.8



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



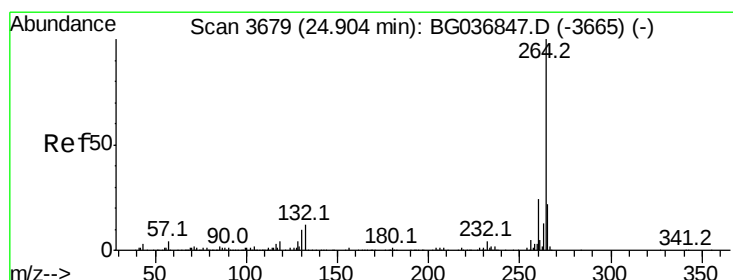
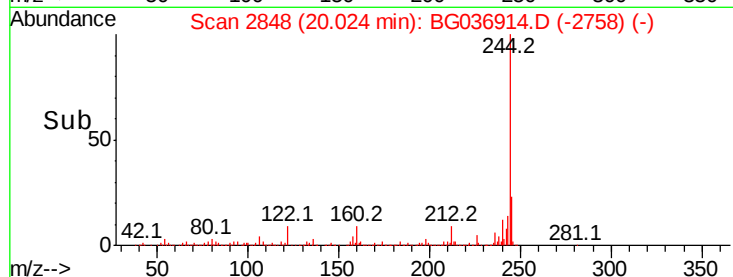
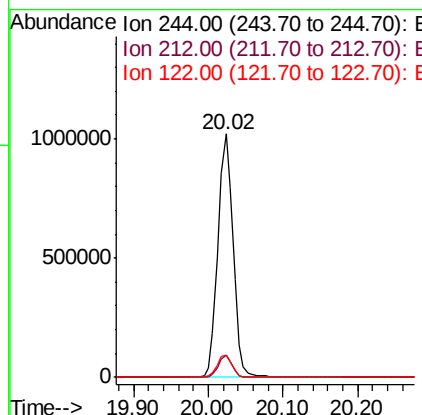
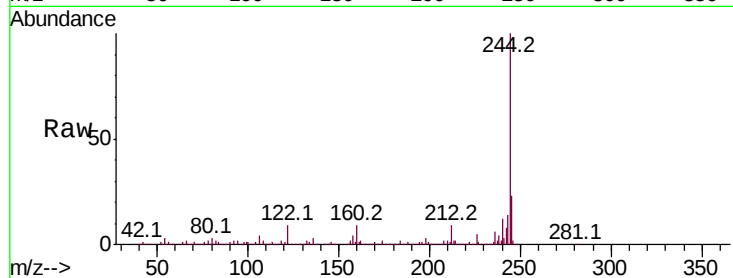


#78
 Terphenyl-d14
 Concen: 120.113 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG036914.D
 Acq: 23 Sep 2018 5:15

Instrument :
 BNA_G
 ClientSampleId :
 PB113101BL

Tot Ion:244 Resp: 1433843

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036914.D
 Acq: 23 Sep 2018 5:15

Tgt Ion:264 Resp: 307616

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	22.1	17.4	26.0

