

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036950.D
 Acq On : 25 Sep 2018 15:44
 Operator : JU/SJ
 Sample : PB113177BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BL

Quant Time: Sep 26 01:48:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45994	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	177194	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	114564	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	310038	20.00	ng	0.00
75) Chrysene-d12	21.68	240	325842	20.00	ng	-0.01
86) Perylene-d12	24.88	264	323502	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	347732	144.99	ng	0.00
7) Phenol-d6	7.20	99	479302	129.17	ng	-0.01
23) Nitrobenzene-d5	9.20	82	302453	91.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	216400	157.88	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	674579	87.70	ng	-0.01
78) Terphenyl-d14	20.02	244	1230969	99.34	ng	0.00

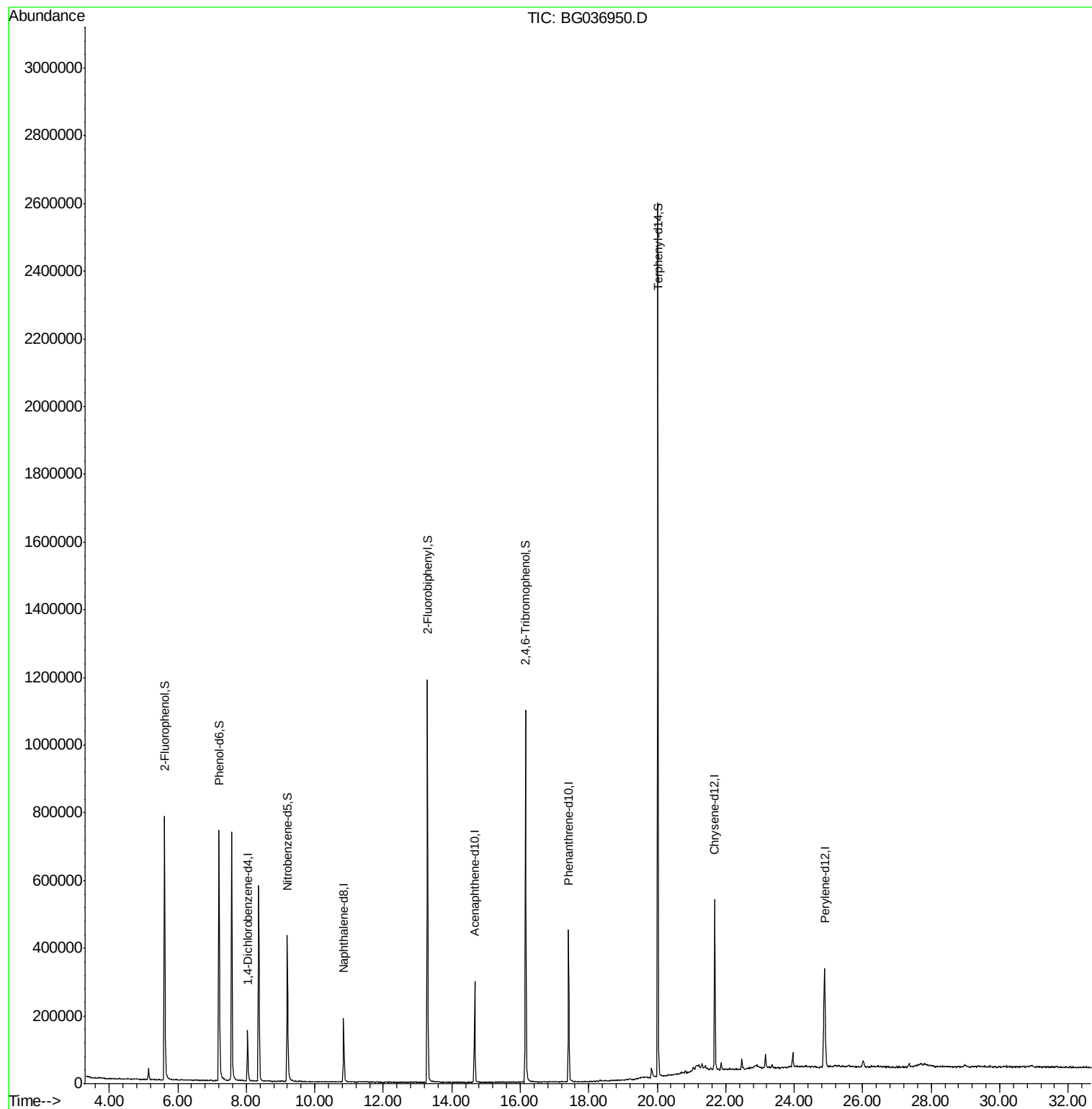
Target Compounds Qvalue

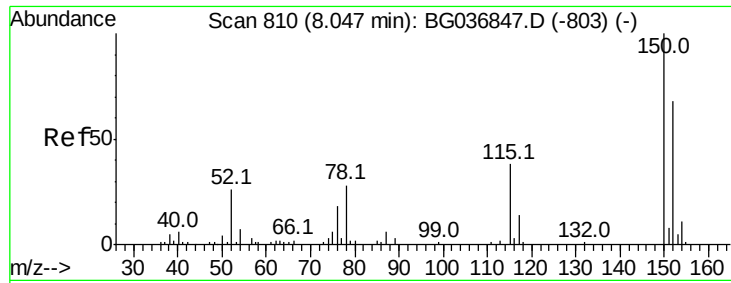
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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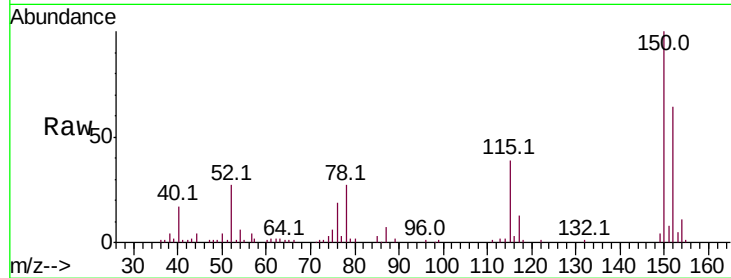


#1

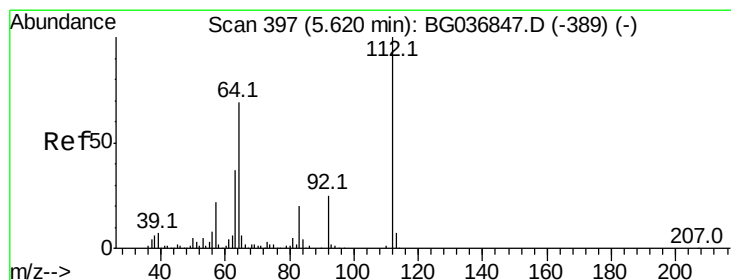
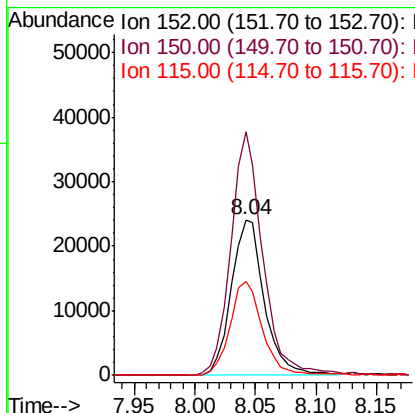
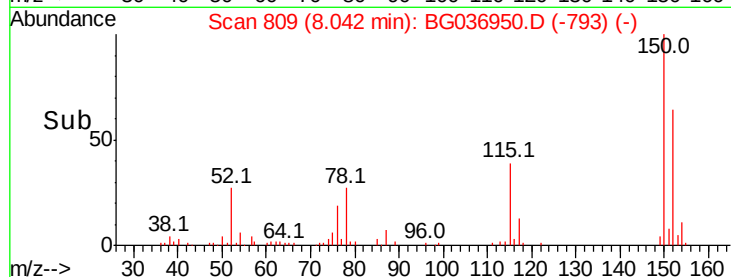
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036950.D
Acq: 25 Sep 2018 15:44

Instrument :
BNA_G
ClientSampleId :
PB113177BL

Tot Ion:152 Resp: 45994
Ion Ratio Lower Upper
152 100
150 156.8 119.5 179.3
115 60.7 44.5 66.7



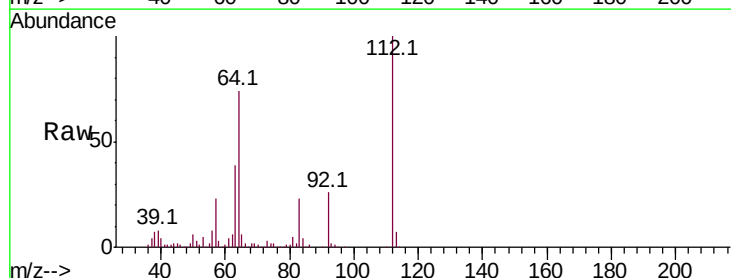
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



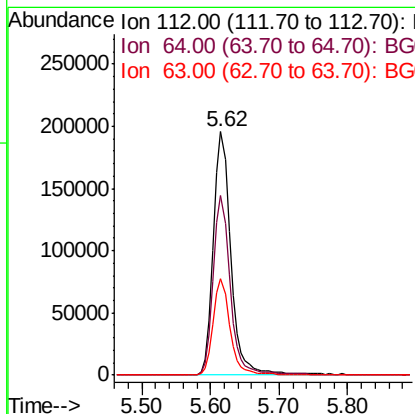
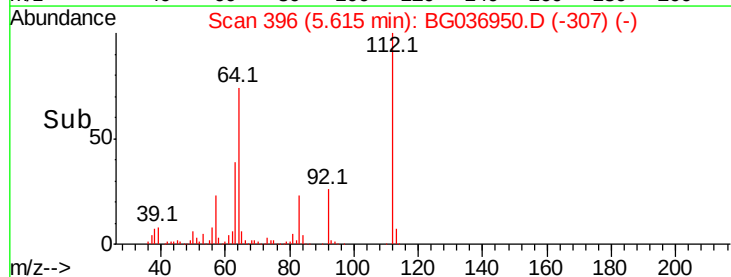
#5

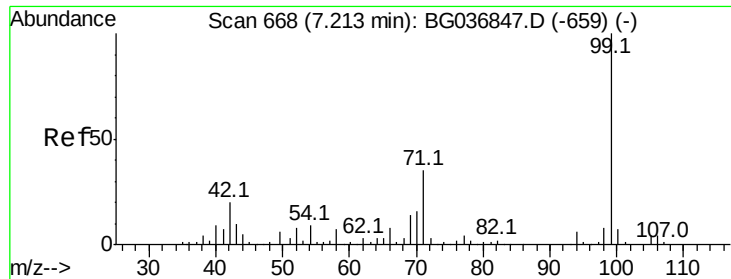
2-Fluorophenol
Concen: 144.992 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036950.D
Acq: 25 Sep 2018 15:44

Tgt Ion:112 Resp: 347732
Ion Ratio Lower Upper
112 100
64 73.9 57.2 85.8
63 39.3 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: 129.172 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036950.D

Acq: 25 Sep 2018 15:44

Instrument :

BNA_G

ClientSampleId :

PB113177BL

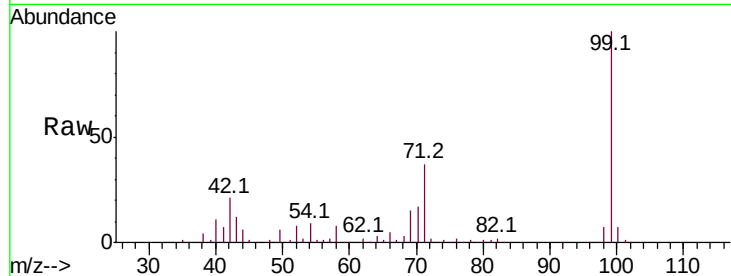
Tot Ion: 99 Resp: 479302

Ion Ratio Lower Upper

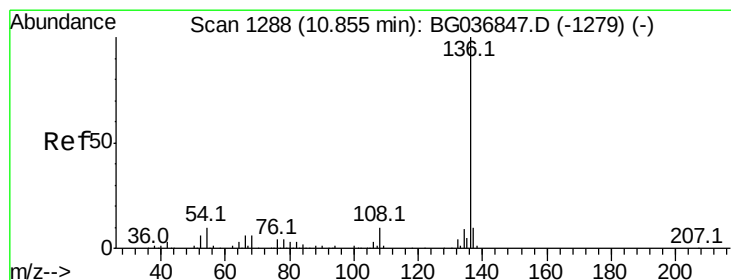
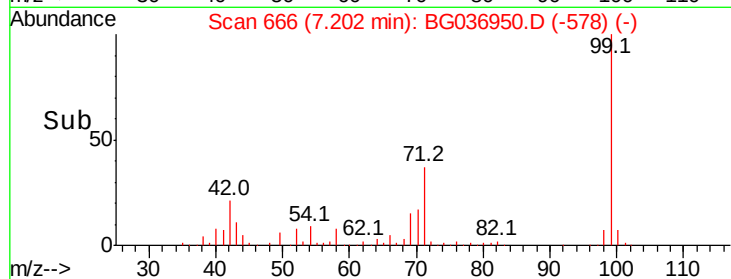
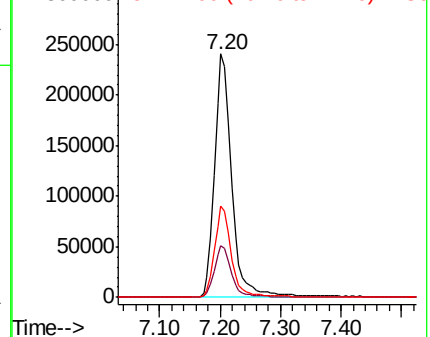
99 100

42 21.3 16.5 24.7

71 37.3 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036950.D

Acq: 25 Sep 2018 15:44

Tgt Ion: 136 Resp: 177194

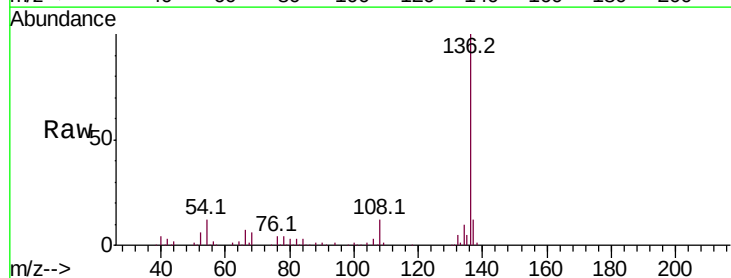
Ion Ratio Lower Upper

136 100

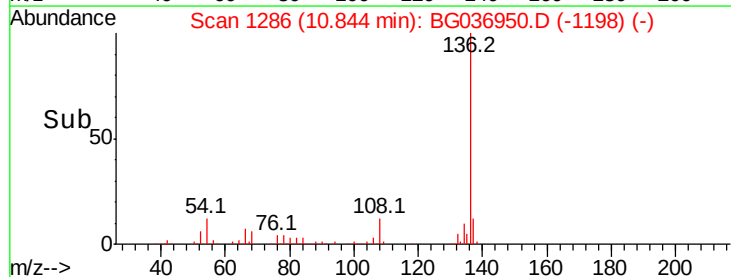
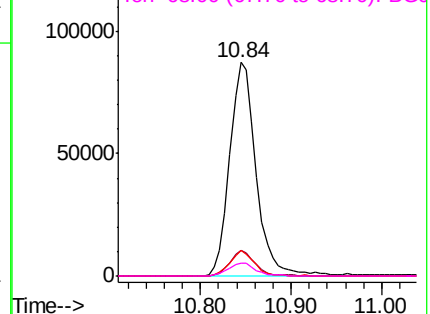
137 11.7 8.8 13.2

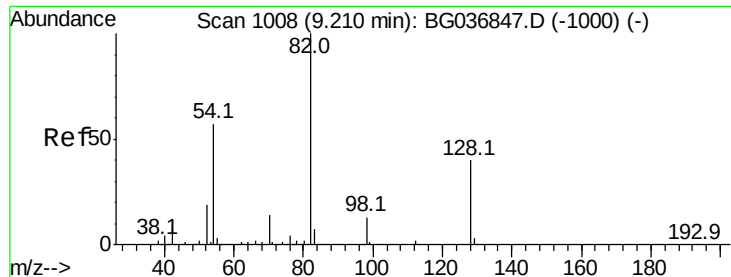
54 11.9 9.2 13.8

68 6.3 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

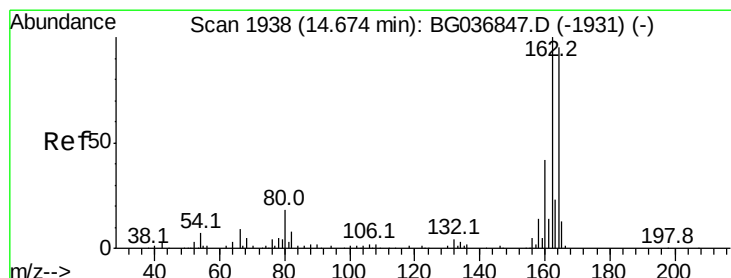
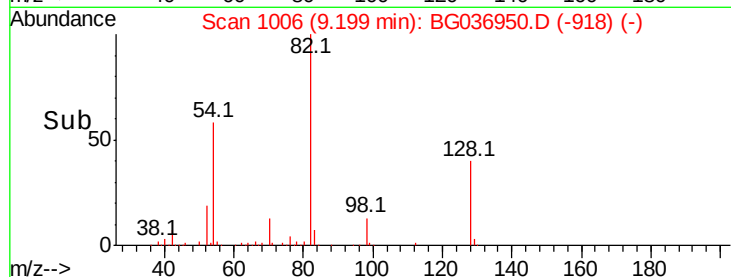
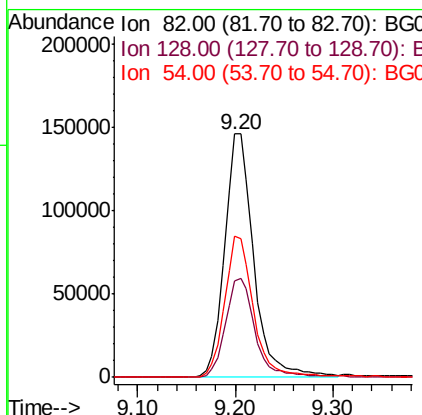
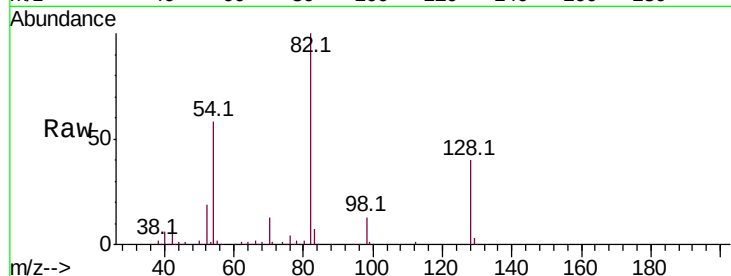




#23
Nitrobenzene-d5
Concen: 91.406 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG036950.D
Acq: 25 Sep 2018 15:44

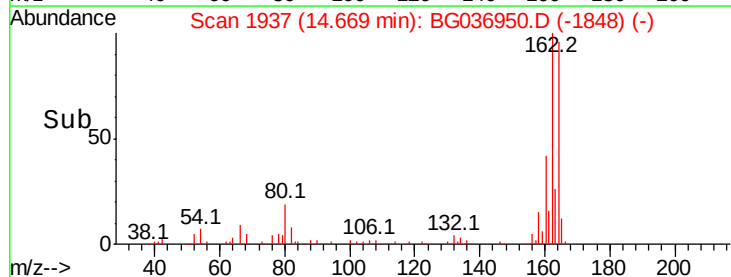
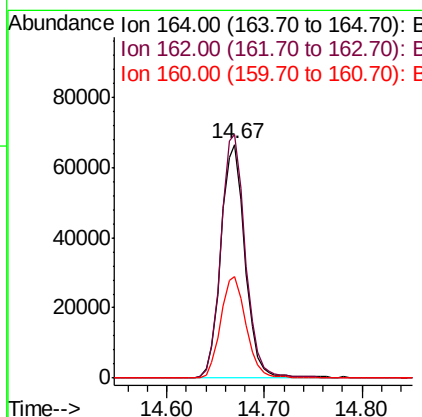
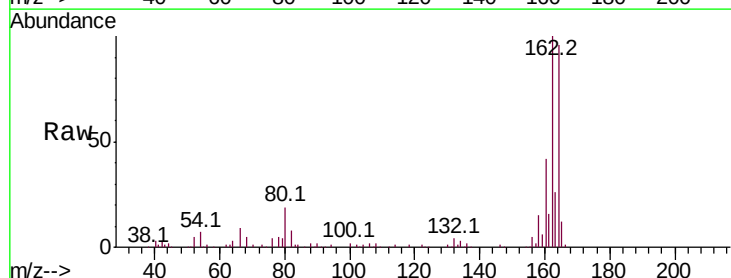
Instrument :
BNA_G
ClientSampleId :
PB113177BL

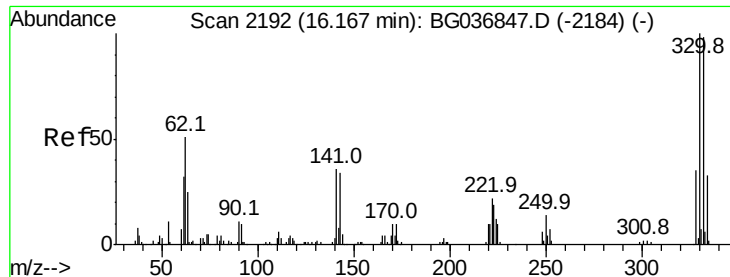
Tot Ion	82	Resp	302453
Ion Ratio	Lower	Upper	
82	100		
128	39.7	33.3	49.9
54	57.8	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036950.D
Acq: 25 Sep 2018 15:44

Tgt Ion	164	Resp	114564
Ion Ratio	Lower	Upper	
164	100		
162	104.1	80.7	121.1
160	43.6	35.3	52.9

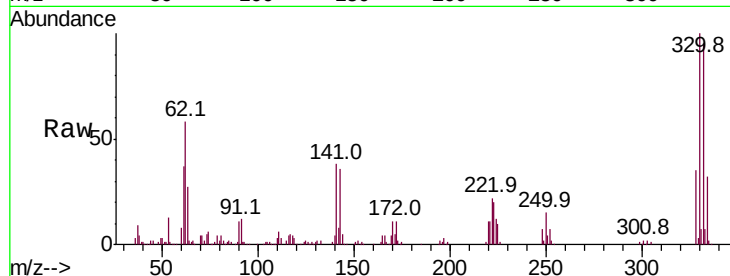




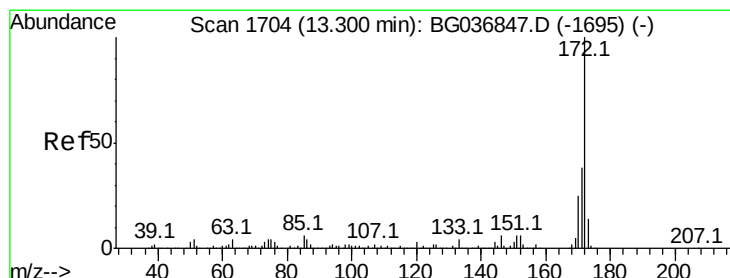
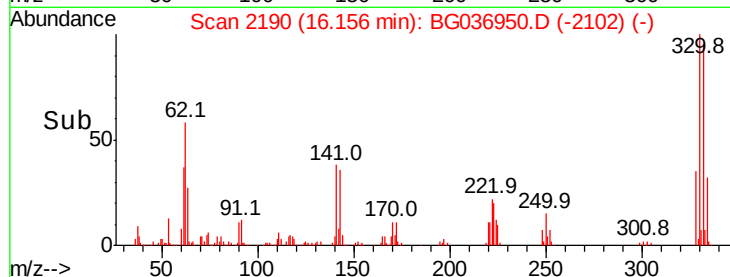
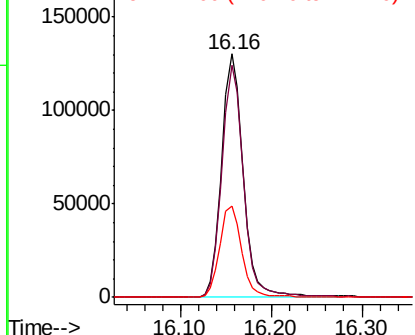
#41
 2,4,6-Tribromophenol
 Concen: 157.877 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	38.3	30.7	46.1

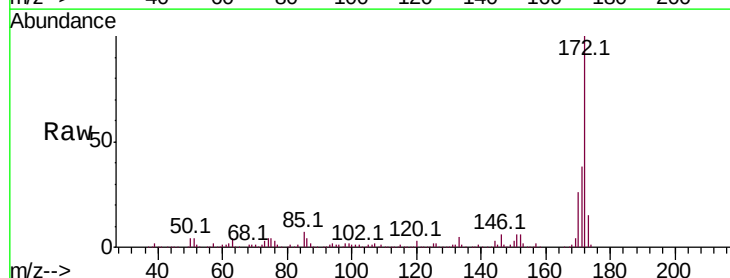


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

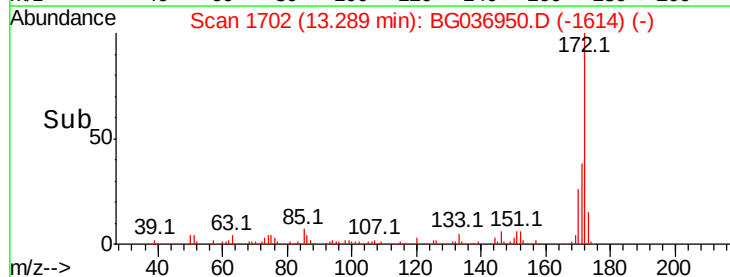
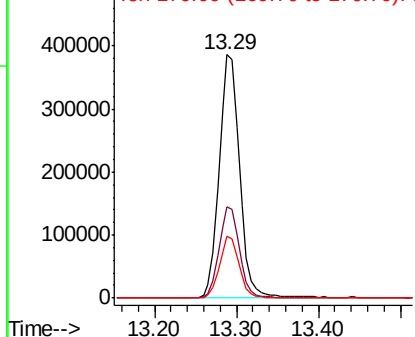


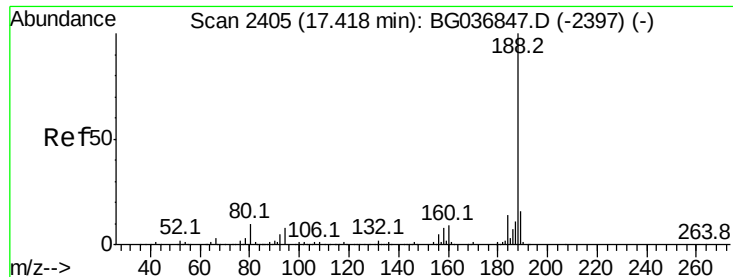
#44
 2-Fluorobiphenyl
 Concen: 87.699 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.6	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

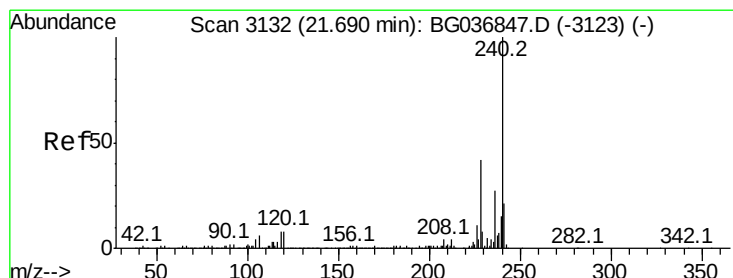
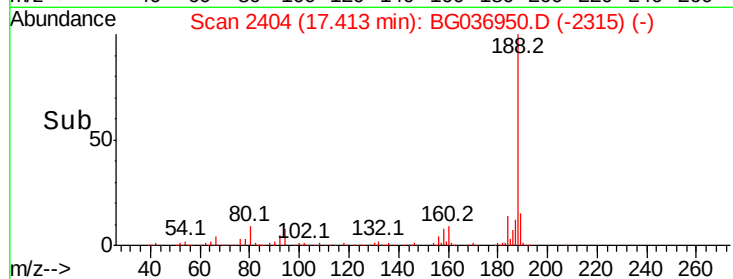
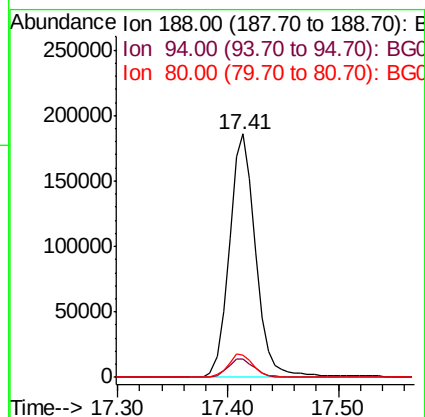
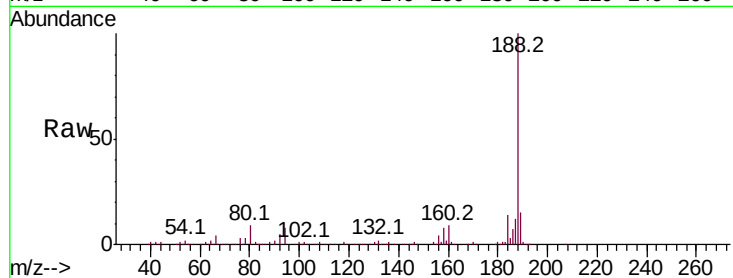




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036950.D
Acq: 25 Sep 2018 15:44

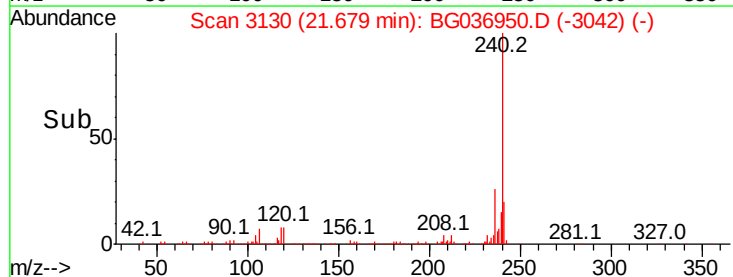
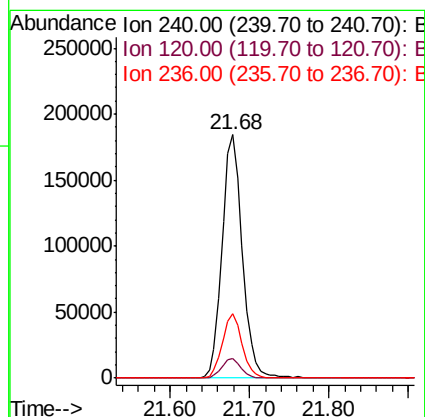
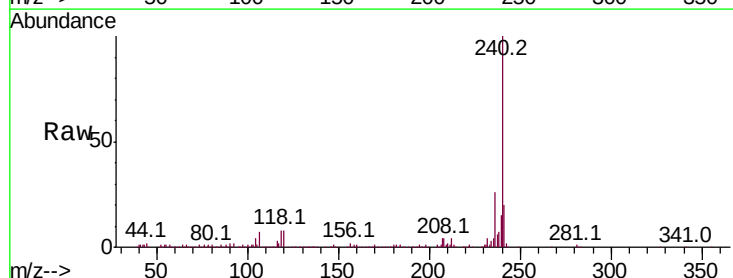
Instrument :
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ClientSampleId :
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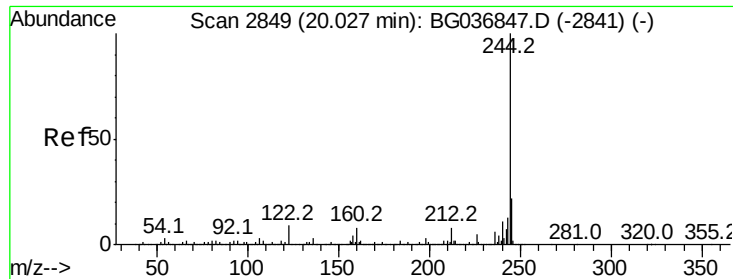
Tot Ion:188 Resp: 310038
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036950.D
Acq: 25 Sep 2018 15:44

Tgt Ion:240 Resp: 325842
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.3 21.2 31.8



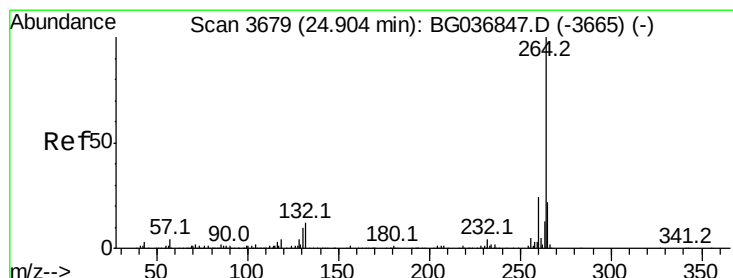
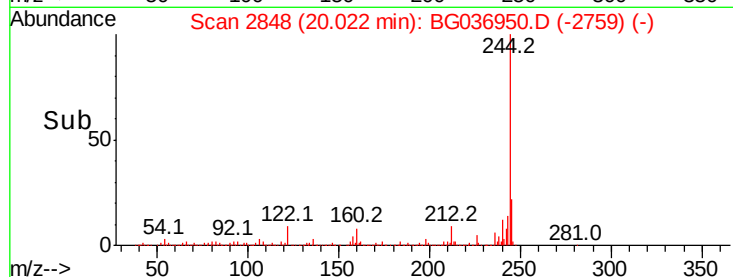
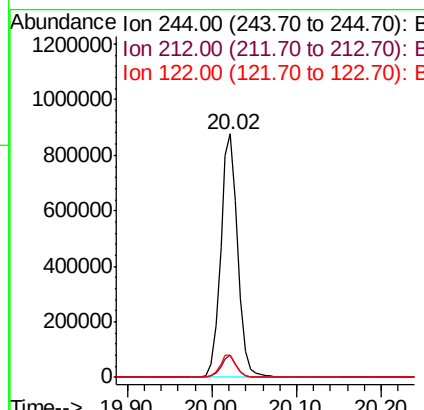
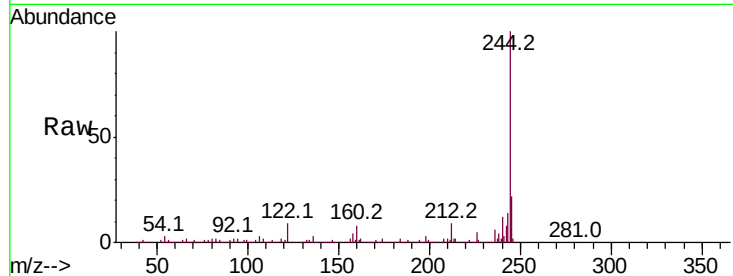


#78
 Terphenyl-d14
 Concen: 99.337 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BL

Tot Ion:244 Resp: 1230969

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	8.9	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

Tgt Ion:264 Resp: 323502

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.5	17.4	26.0

