

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036934.D
 Acq On : 25 Sep 2018 1:38
 Operator : JU/SJ
 Sample : PB113130BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BL

Quant Time: Sep 25 07:25:27 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	8.05	152	38953	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	170029	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114629	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	307002	20.00	ng	0.00
75) Chrysene-d12	21.68	240	336231	20.00	ng	-0.01
86) Perylene-d12	24.89	264	325825	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	324192	159.61	ng	0.00
7) Phenol-d6	7.21	99	448435	142.70	ng	0.00
23) Nitrobenzene-d5	9.20	82	284058	89.46	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	144163	105.12	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	676868	87.95	ng	0.00
78) Terphenyl-d14	20.02	244	1254365	98.10	ng	0.00

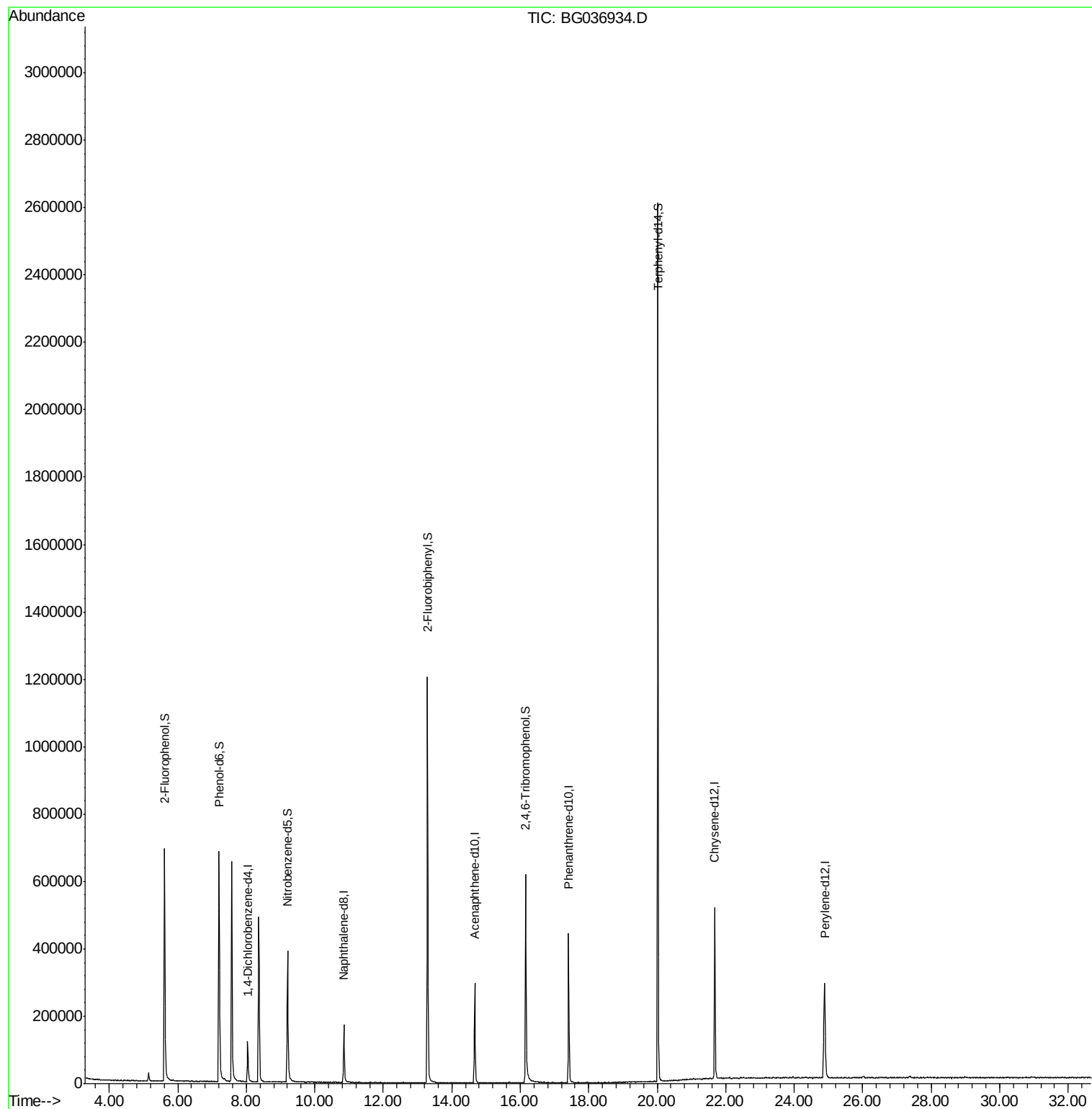
Target Compounds Qvalue

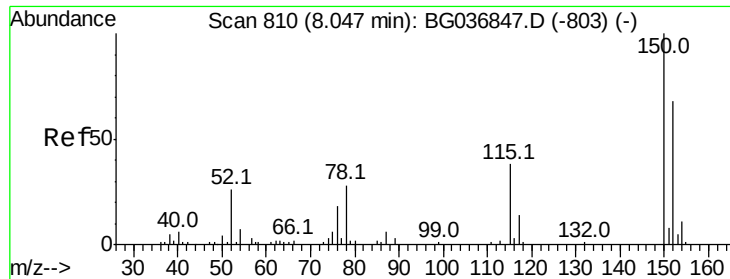
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036934.D

Acq: 25 Sep 2018 1:38

Instrument :

BNA_G

ClientSampleId :

PB113130BL

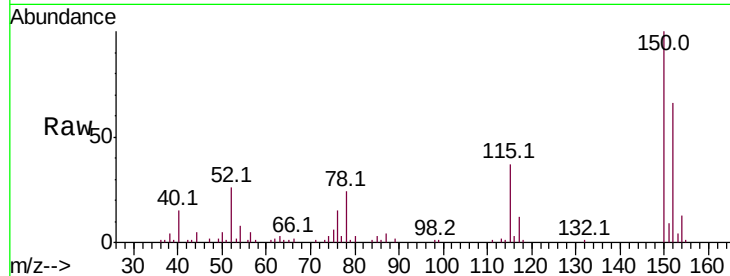
Tot Ion:152 Resp: 38953

Ion Ratio Lower Upper

152 100

150 151.9 119.5 179.3

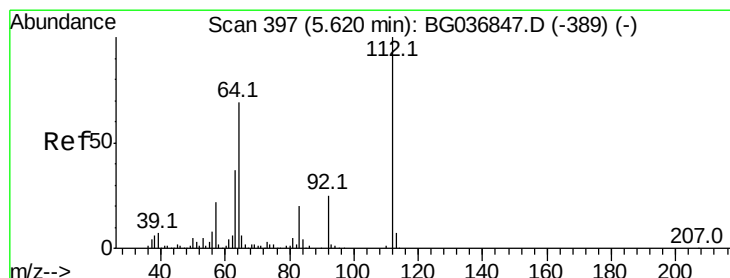
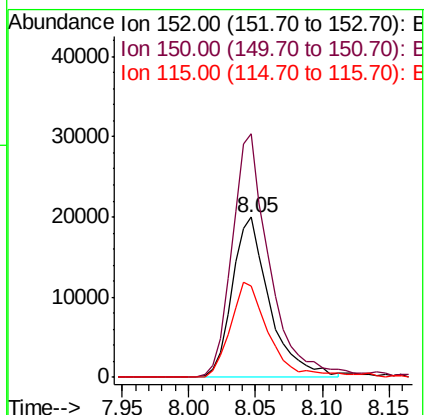
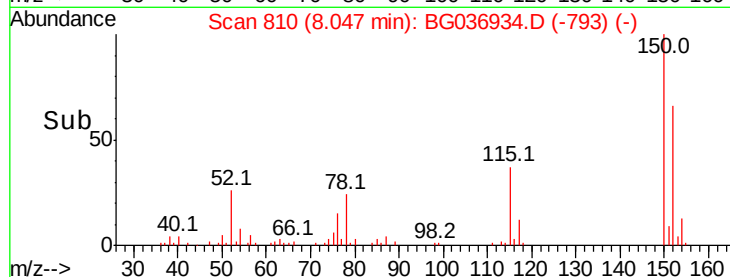
115 56.9 44.5 66.7



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: 159.610 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036934.D

Acq: 25 Sep 2018 1:38

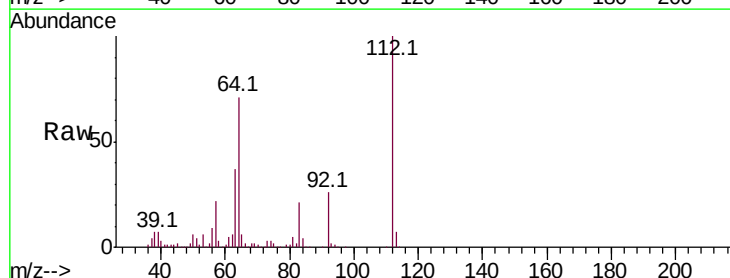
Tgt Ion:112 Resp: 324192

Ion Ratio Lower Upper

112 100

64 71.2 57.2 85.8

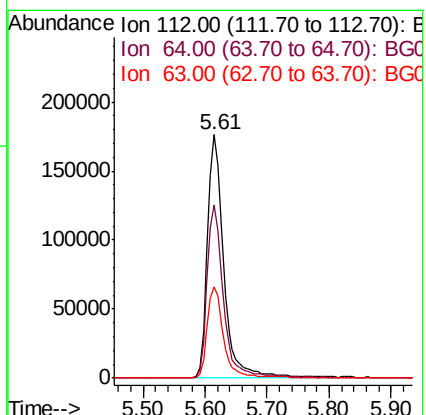
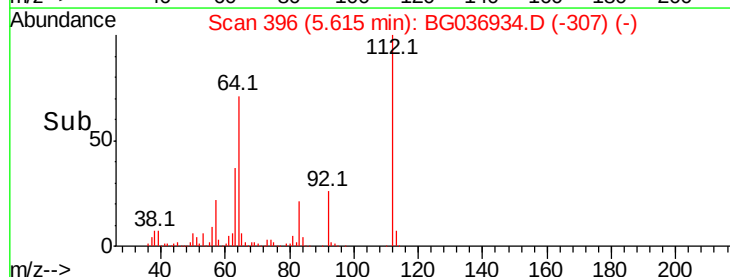
63 37.4 30.8 46.2

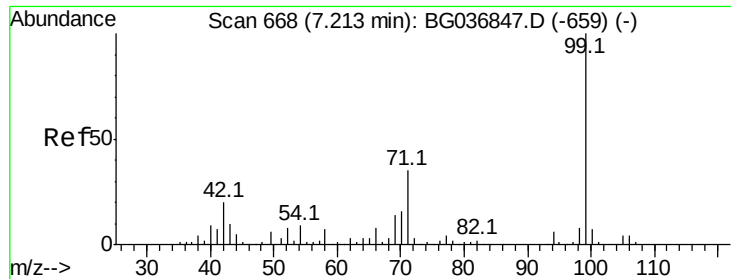


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 142.699 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036934.D

Acq: 25 Sep 2018 1:38

Instrument :

BNA_G

ClientSampleId :

PB113130BL

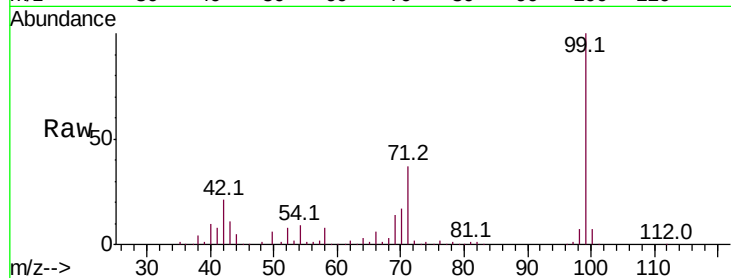
Tot Ion: 99 Resp: 448435

Ion Ratio Lower Upper

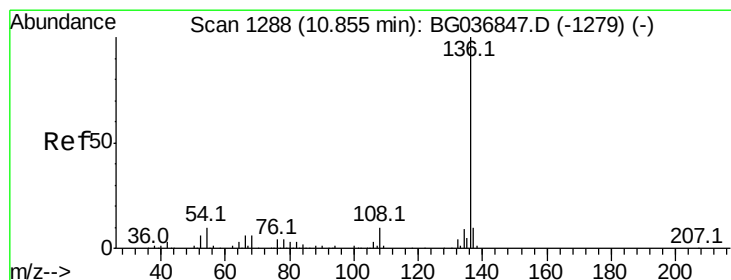
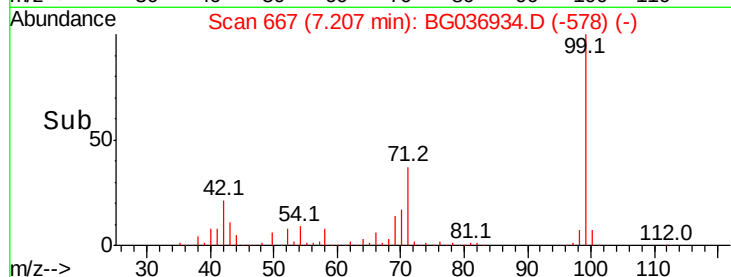
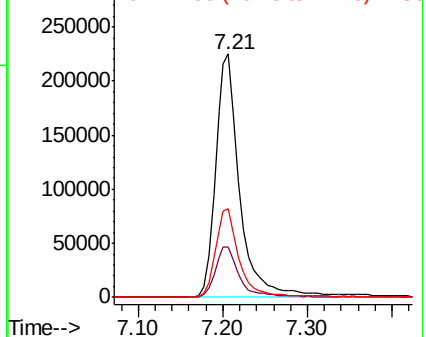
99 100

42 20.8 16.5 24.7

71 36.6 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. -0.01 min

Lab File: BG036934.D

Acq: 25 Sep 2018 1:38

Tgt Ion: 136 Resp: 170029

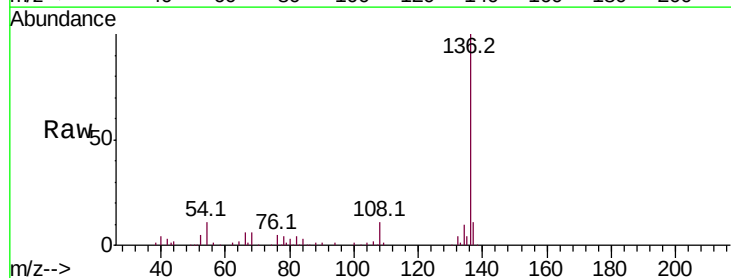
Ion Ratio Lower Upper

136 100

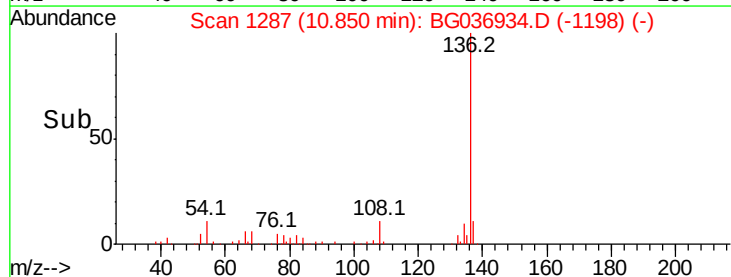
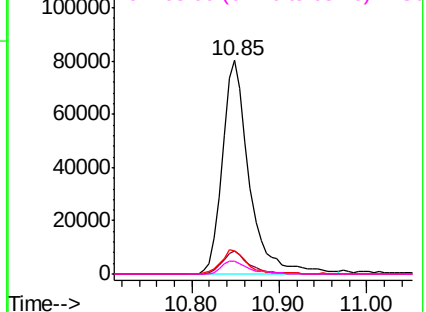
137 10.8 8.8 13.2

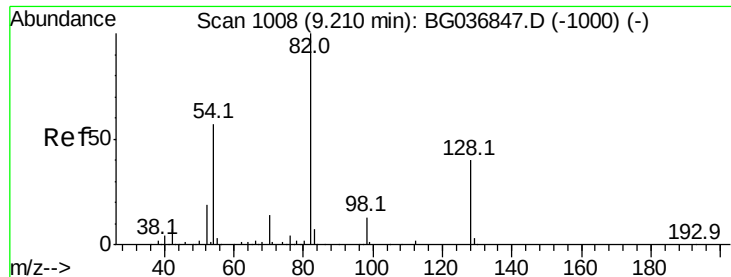
54 11.1 9.2 13.8

68 6.3 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

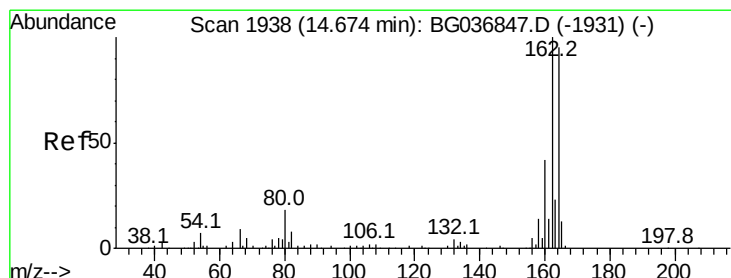
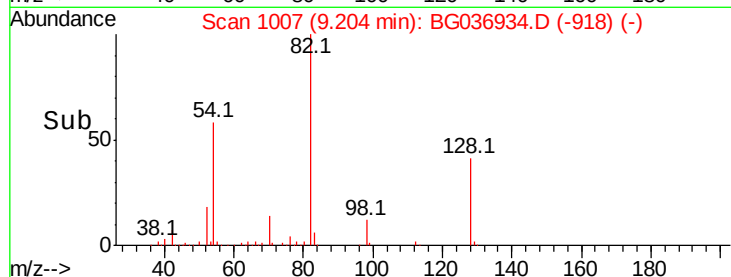
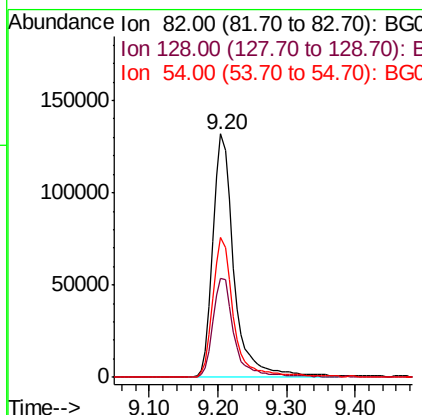
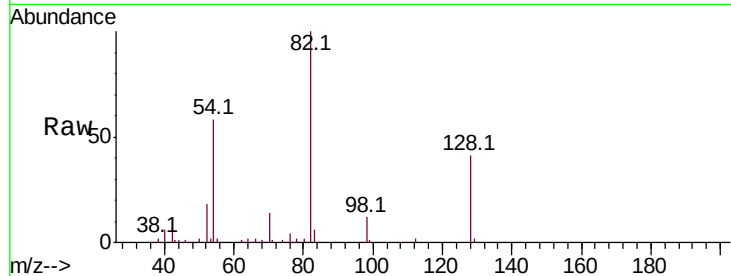




#23
Nitrobenzene-d5
Concen: 89.465 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036934.D
Acq: 25 Sep 2018 1:38

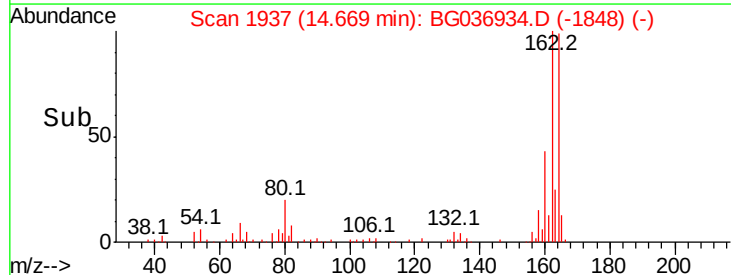
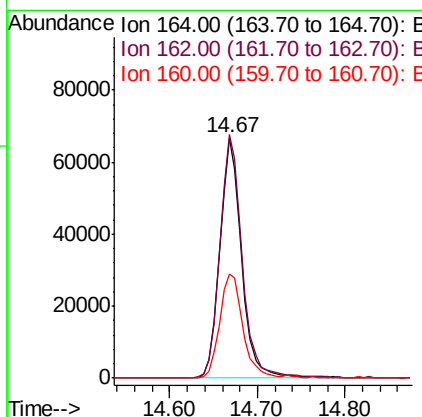
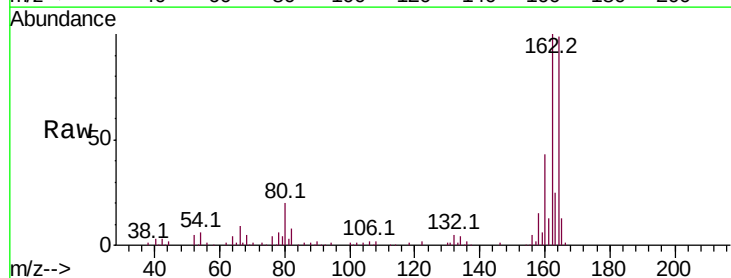
Instrument :
BNA_G
ClientSampleId :
PB113130BL

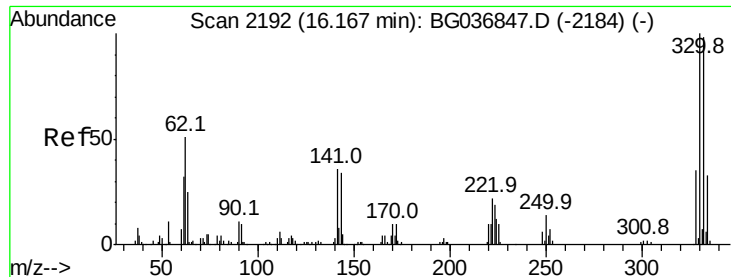
Tot Ion	82	Resp	284058
Ion Ratio	Lower	Upper	
82	100		
128	40.7	33.3	49.9
54	57.6	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036934.D
Acq: 25 Sep 2018 1:38

Tgt Ion	164	Resp	114629
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.7	121.1
160	43.5	35.3	52.9

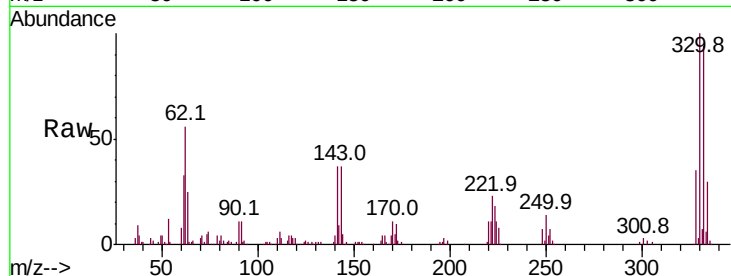




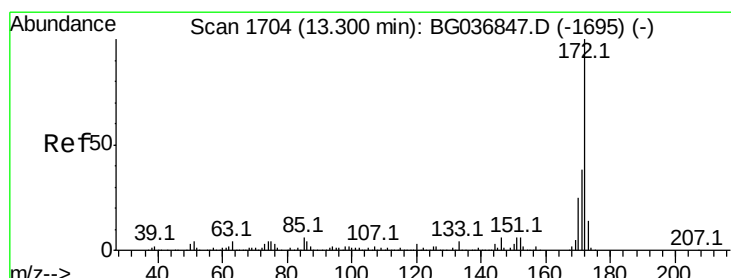
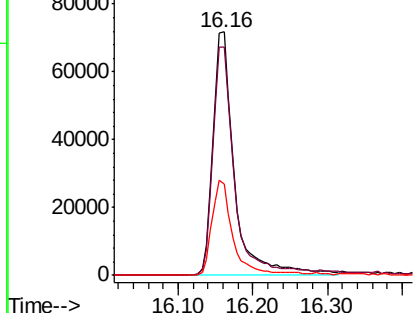
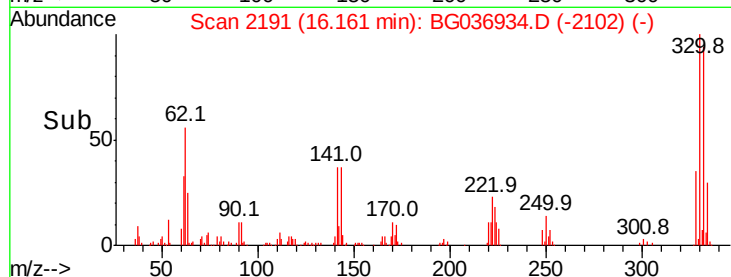
#41
 2,4,6-Tribromophenol
 Concen: 105.116 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036934.D
 Acq: 25 Sep 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :
 PB113130BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	75.4	113.2
141	38.8	30.7	46.1

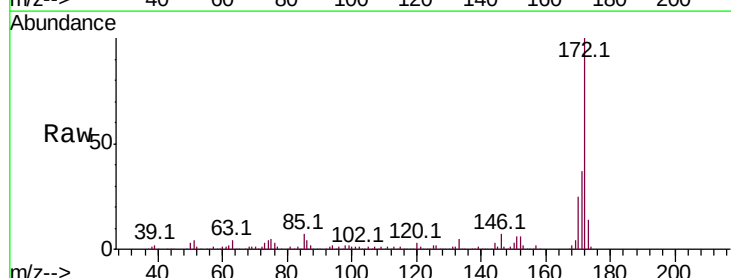


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

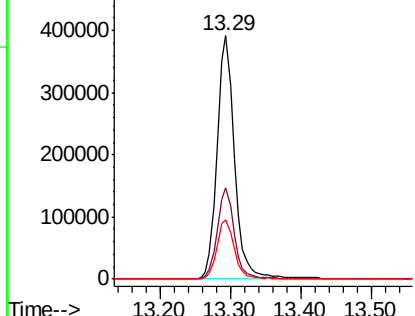
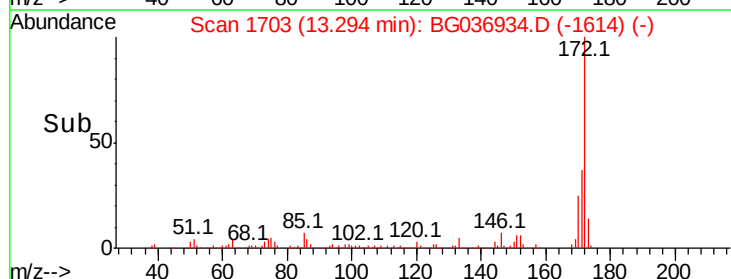


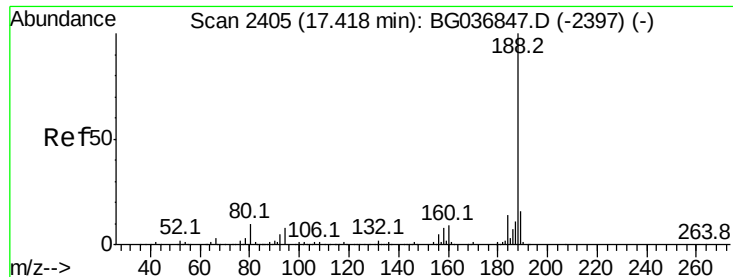
#44
 2-Fluorobiphenyl
 Concen: 87.946 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036934.D
 Acq: 25 Sep 2018 1:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.5	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

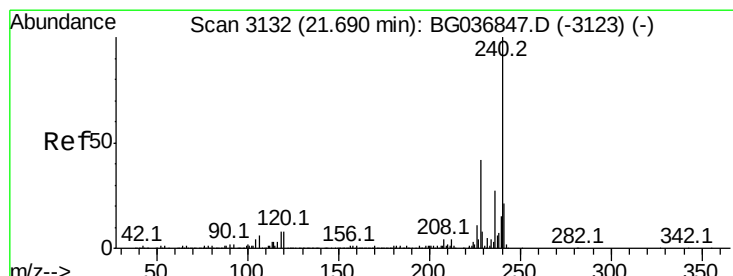
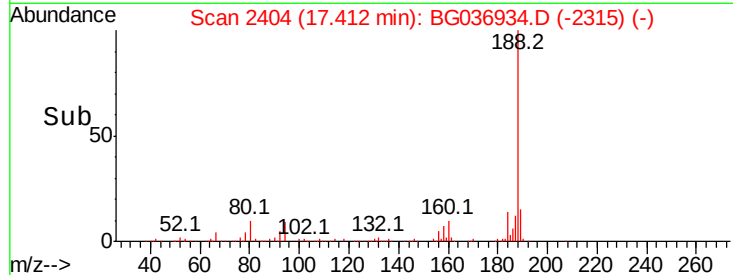
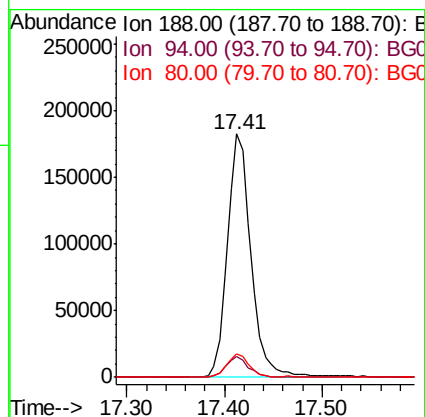
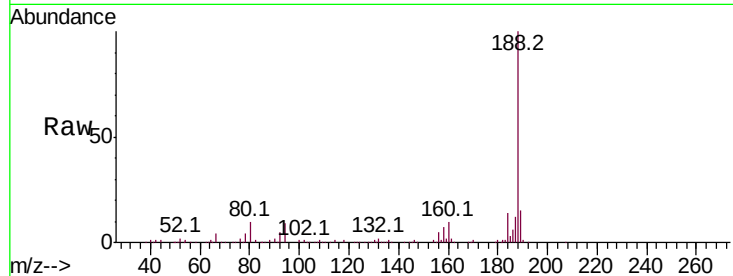




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036934.D
Acq: 25 Sep 2018 1:38

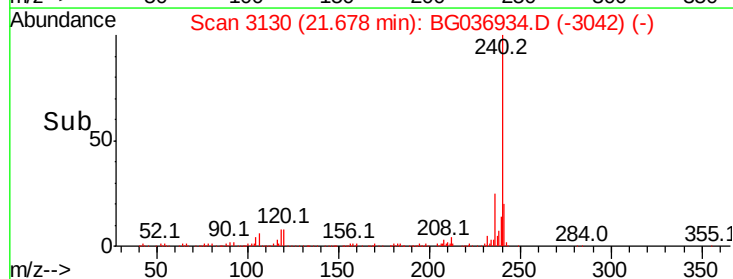
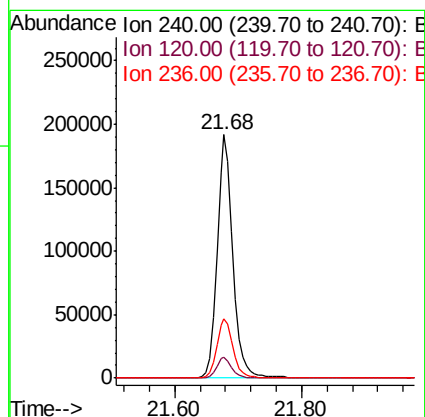
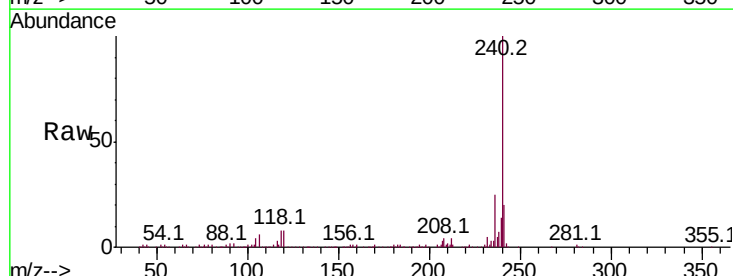
Instrument :
BNA_G
ClientSampleId :
PB113130BL

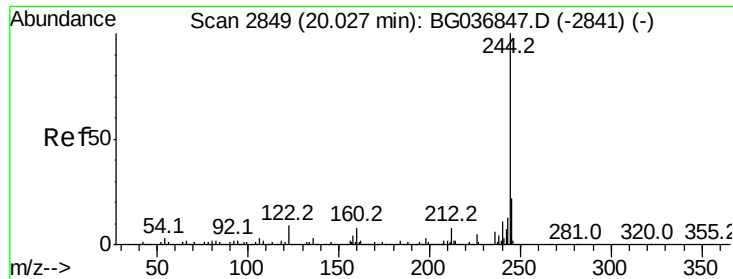
Tot Ion:188 Resp: 307002
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036934.D
Acq: 25 Sep 2018 1:38

Tgt Ion:240 Resp: 336231
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 24.5 21.2 31.8





#78

Terphenyl-d14

Concen: 98.097 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036934.D

Acq: 25 Sep 2018 1:38

Instrument :

BNA_G

ClientSampleId :

PB113130BL

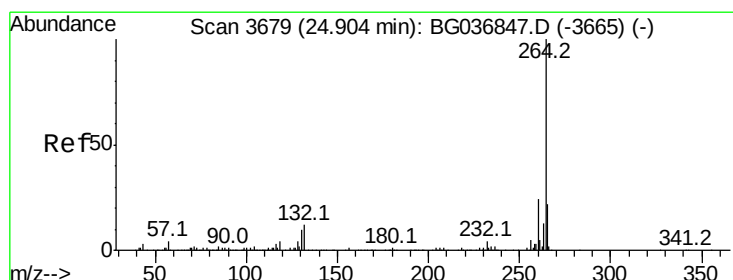
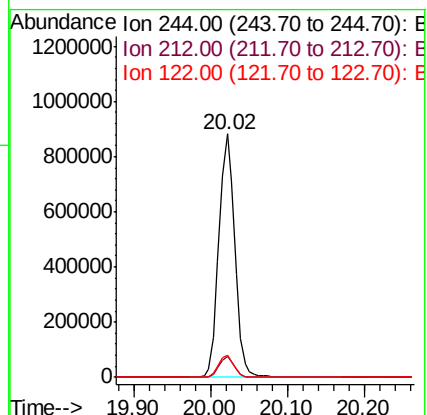
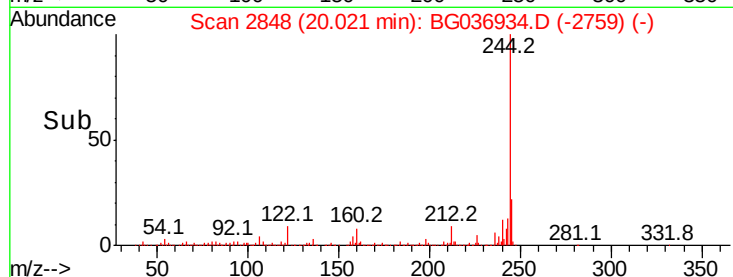
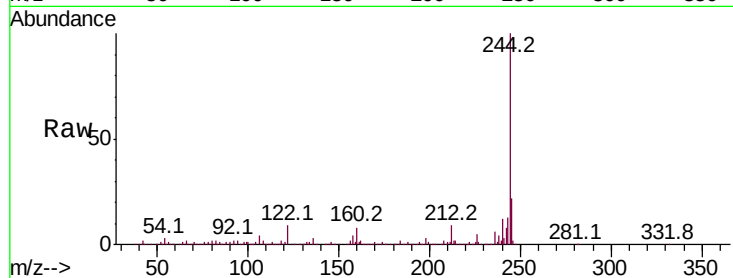
Tot Ion:244 Resp: 1254365

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.1	7.1	10.7

244 100

212 8.6 7.0 10.6

122 9.1 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: BG036934.D

Acq: 25 Sep 2018 1:38

Tgt Ion:264 Resp: 325825

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.5	17.4	26.0

264 100

260 23.9 19.6 29.4

265 21.5 17.4 26.0

