

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036945.D
 Acq On : 25 Sep 2018 9:25
 Operator : JU/SJ
 Sample : J5061-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-B

Quant Time: Sep 25 11:14:48 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	38164	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	162399	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	107837	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	294300	20.00	ng	0.00
75) Chrysene-d12	21.68	240	309413	20.00	ng	-0.01
86) Perylene-d12	24.89	264	300957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	281763	141.59	ng	0.00
7) Phenol-d6	7.20	99	359121	116.64	ng	-0.01
23) Nitrobenzene-d5	9.20	82	292711	96.52	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	161705	125.33	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	658468	90.94	ng	0.00
78) Terphenyl-d14	20.02	244	1234025	104.87	ng	0.00

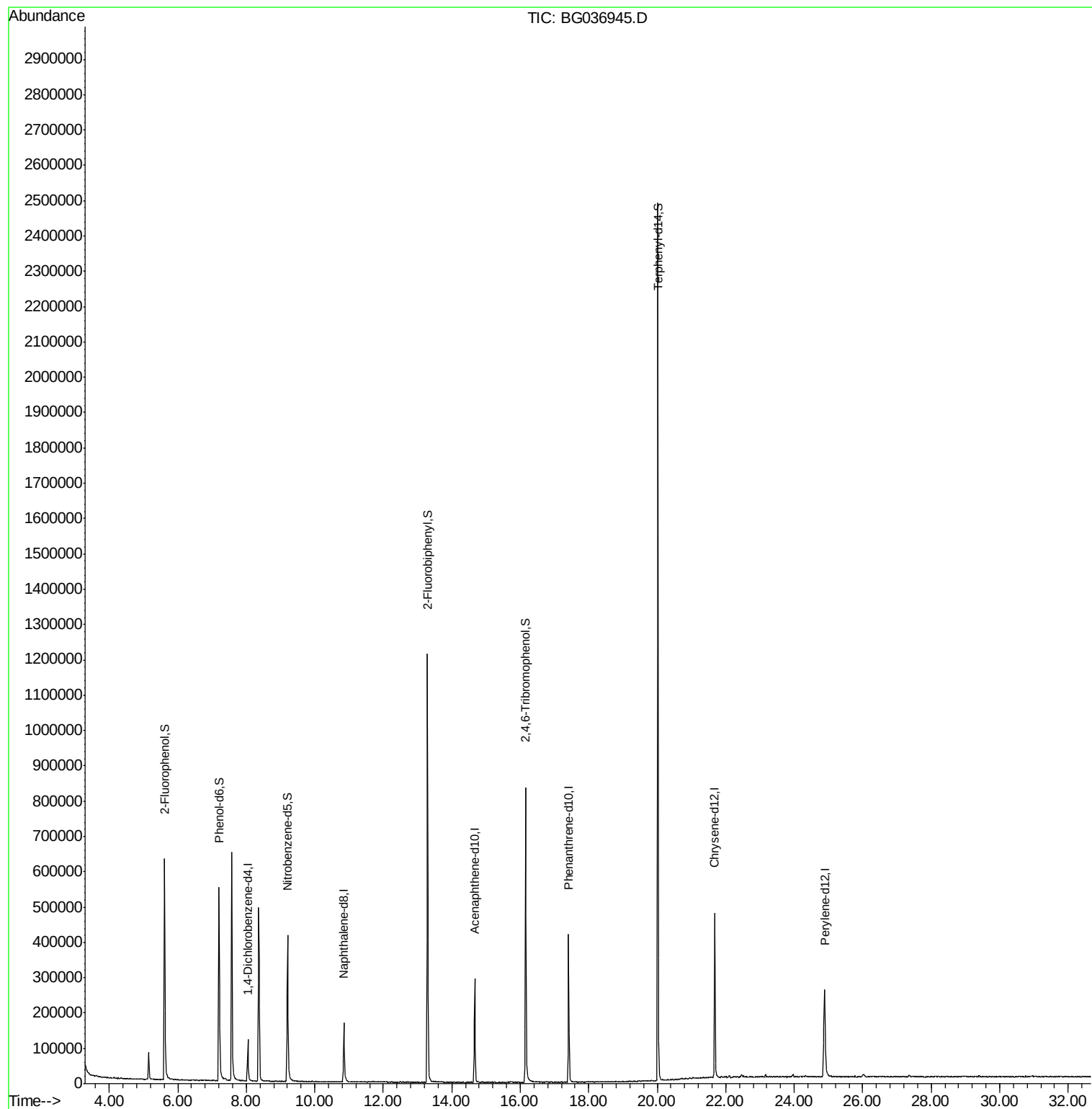
Target Compounds Qvalue

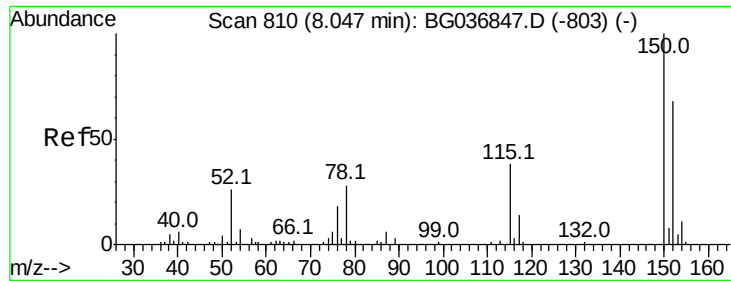
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
Data File : BG036945.D
Acq On : 25 Sep 2018 9:25
Operator : JU/SJ
Sample : J5061-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
230-KV-B

Quant Time: Sep 25 11:14:48 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG036945.D

Acq: 25 Sep 2018 9:25

Instrument :

BNA_G

ClientSampleId :

230-KV-B

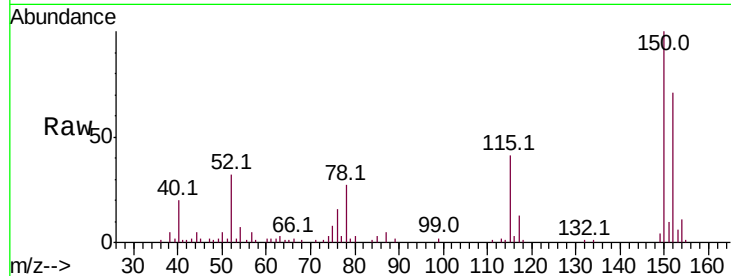
Tot Ion:152 Resp: 38164

Ion Ratio Lower Upper

152 100

150 140.7 119.5 179.3

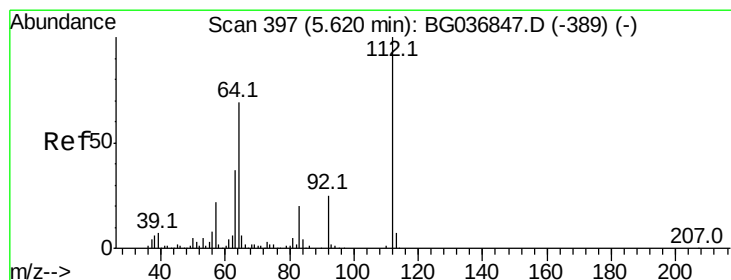
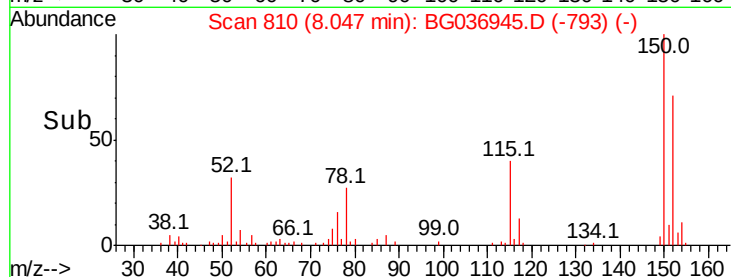
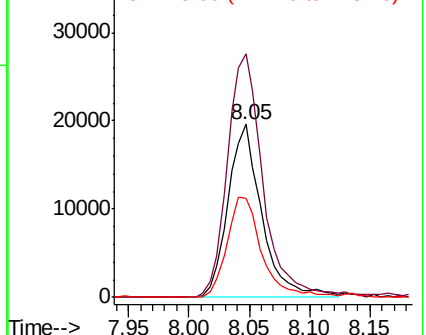
115 57.3 44.5 66.7



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: 141.589 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036945.D

Acq: 25 Sep 2018 9:25

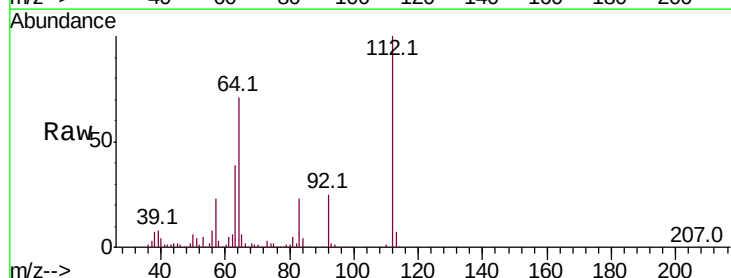
Tgt Ion:112 Resp: 281763

Ion Ratio Lower Upper

112 100

64 71.0 57.2 85.8

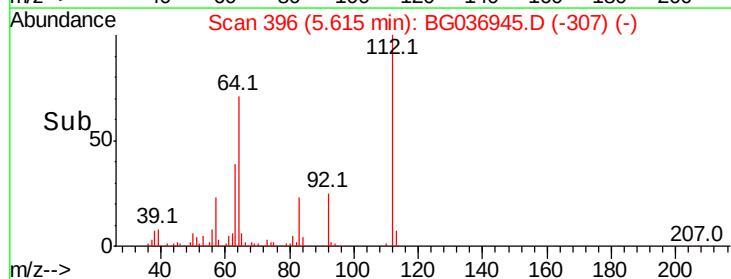
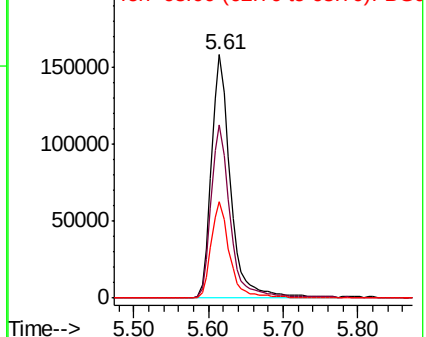
63 39.4 30.8 46.2

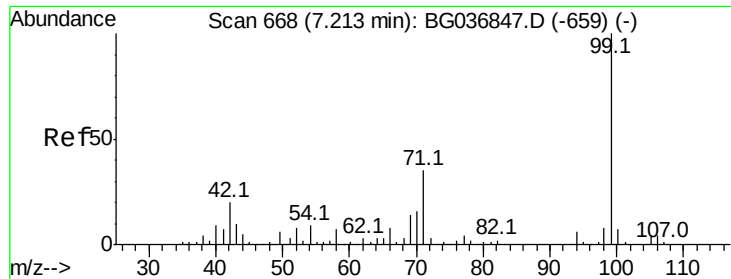


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 116.640 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036945.D

Acq: 25 Sep 2018 9:25

Instrument :

BNA_G

ClientSampleId :

230-KV-B

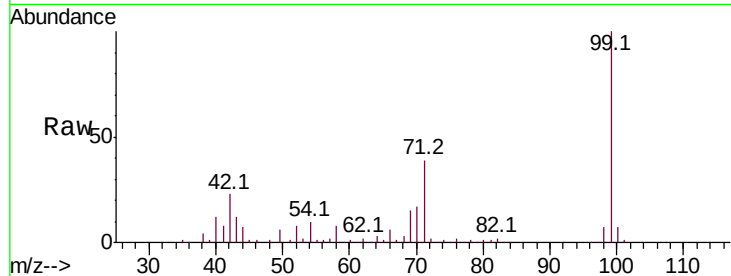
Tot Ion: 99 Resp: 359121

Ion Ratio Lower Upper

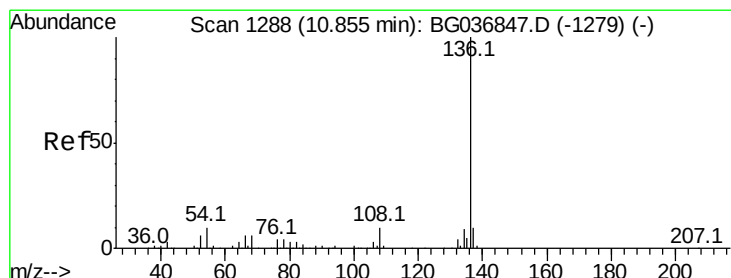
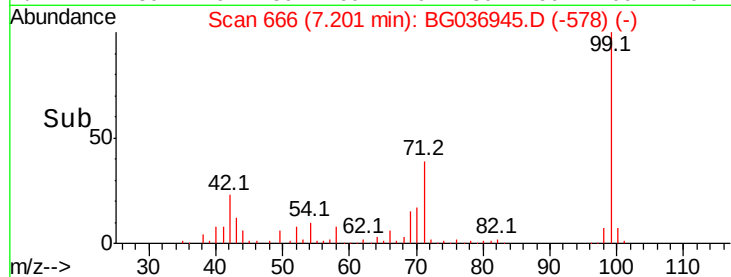
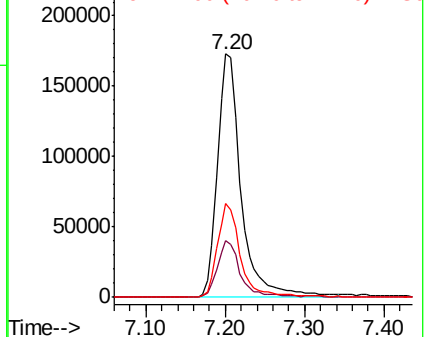
99 100

42 23.3 16.5 24.7

71 38.6 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: BG036945.D

Acq: 25 Sep 2018 9:25

Tgt Ion: 136 Resp: 162399

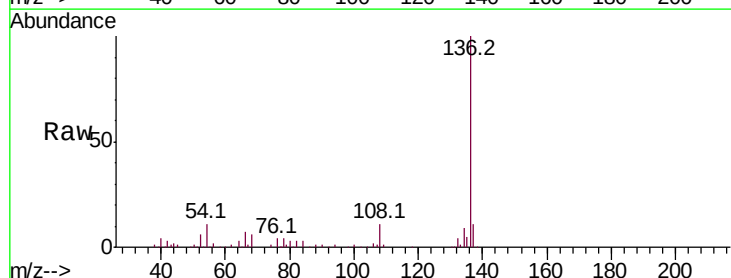
Ion Ratio Lower Upper

136 100

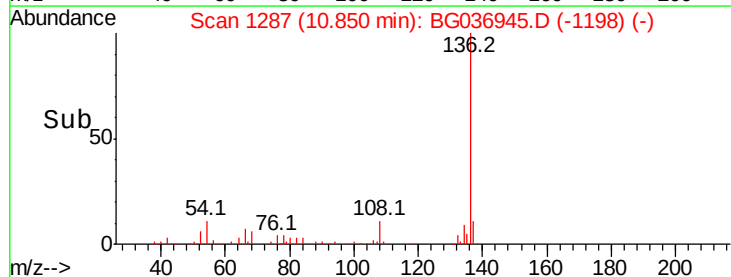
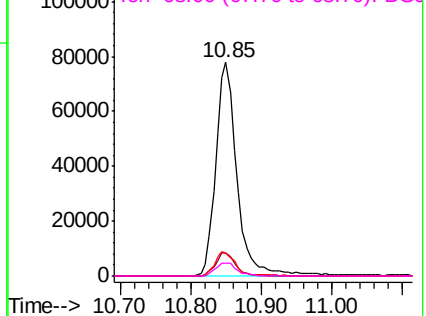
137 10.8 8.8 13.2

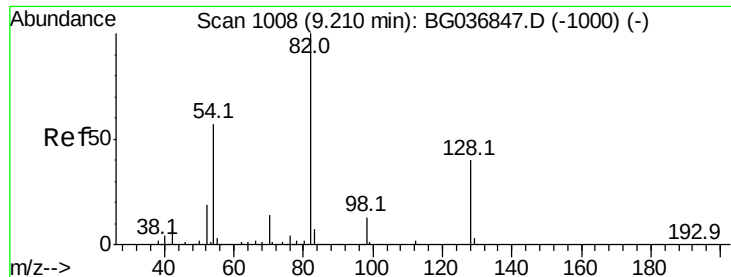
54 10.8 9.2 13.8

68 6.1 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

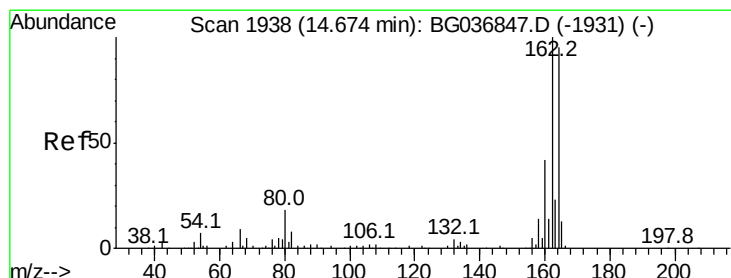
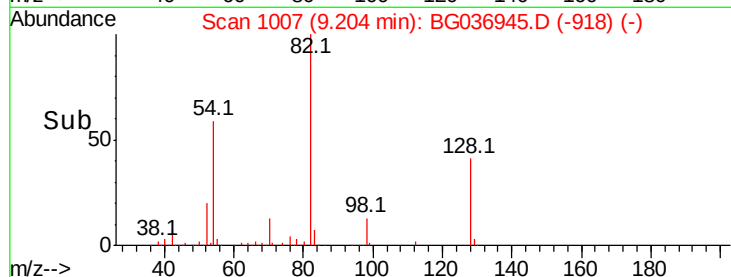
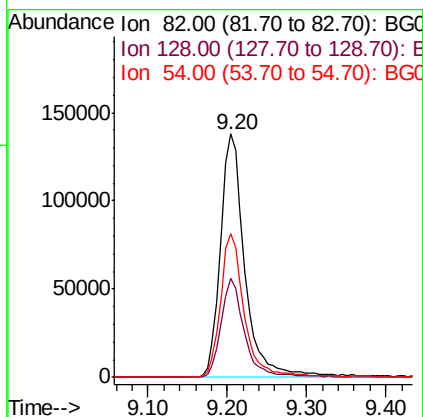
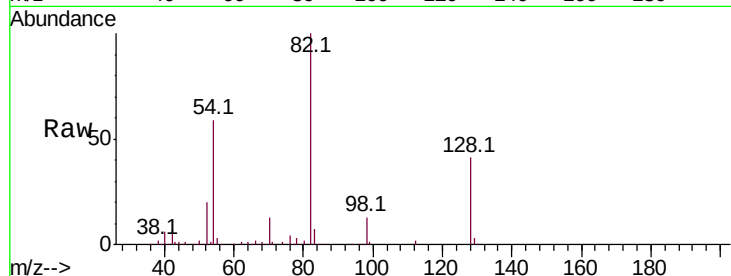




#23
Nitrobenzene-d5
Concen: 96.521 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036945.D
Acq: 25 Sep 2018 9:25

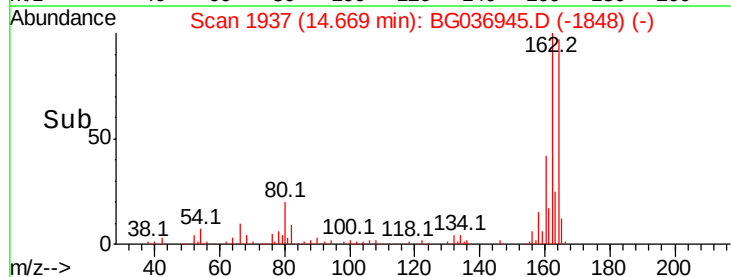
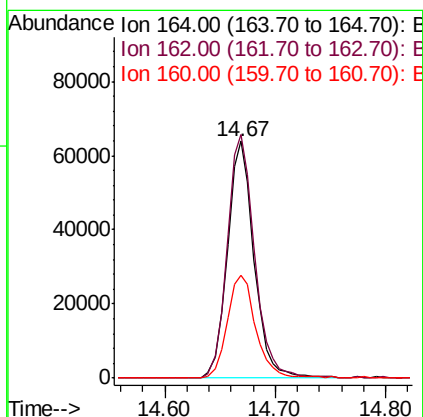
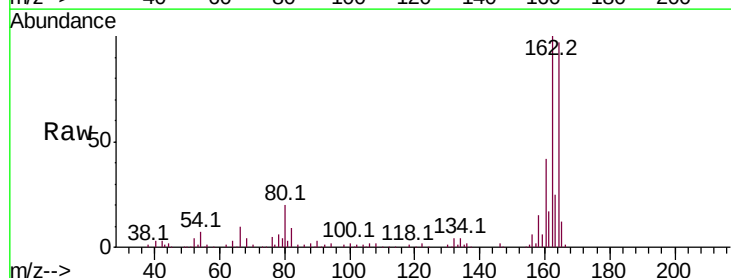
Instrument :
BNA_G
ClientSampleId :
230-KV-B

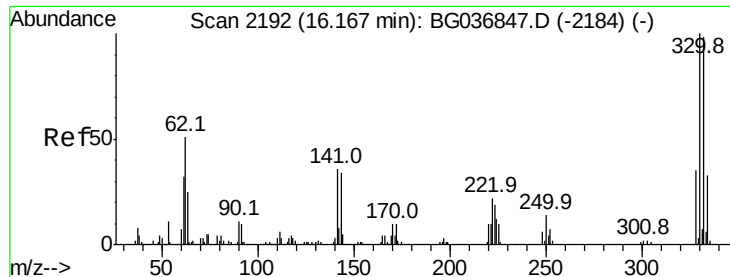
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	58.9	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036945.D
Acq: 25 Sep 2018 9:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	43.2	35.3	52.9

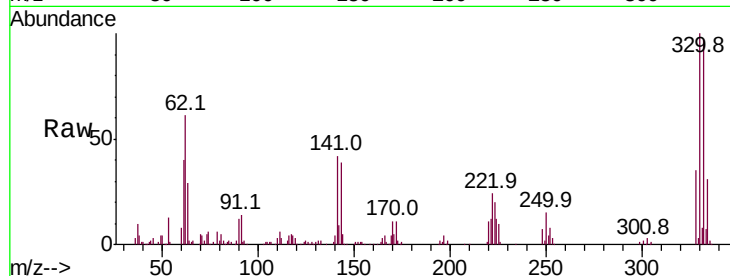




#41
 2,4,6-Tribromophenol
 Concen: 125.333 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036945.D
 Acq: 25 Sep 2018 9:25

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	39.8	30.7	46.1

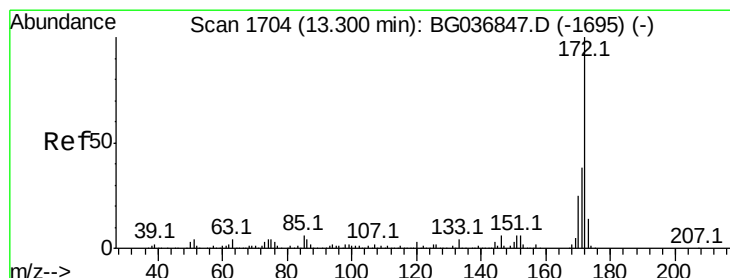
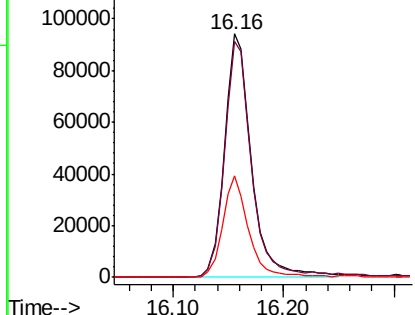
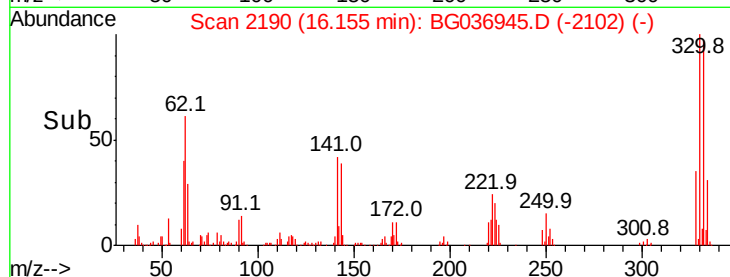


Abundance

Ion 329.80 (329.50 to 330.50): E

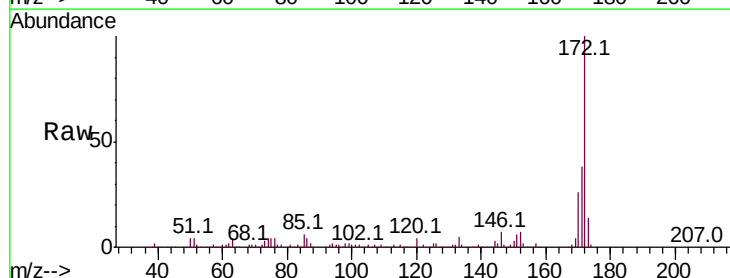
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.944 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036945.D
 Acq: 25 Sep 2018 9:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.6	21.0	31.6

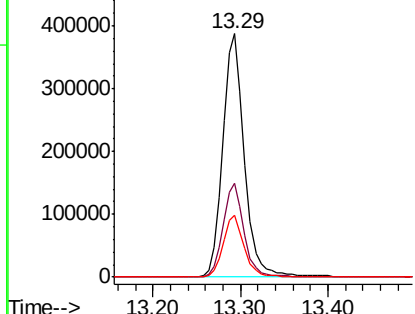
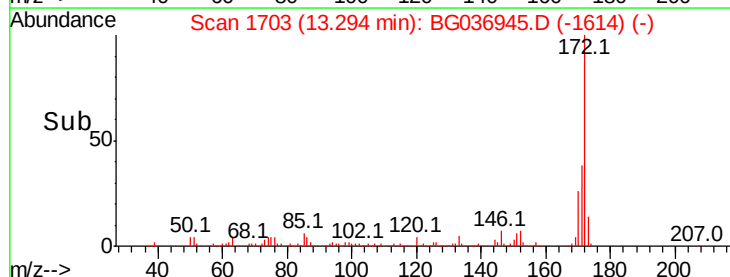


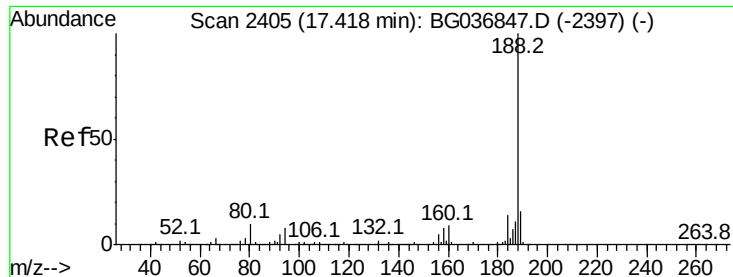
Abundance

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

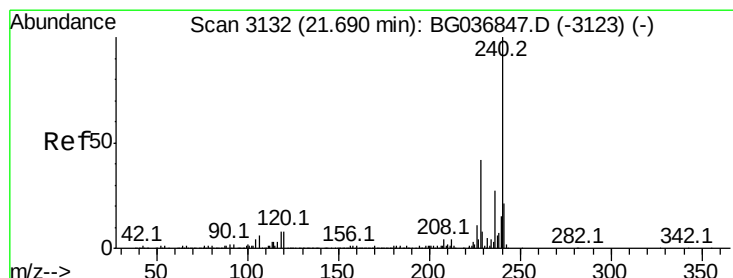
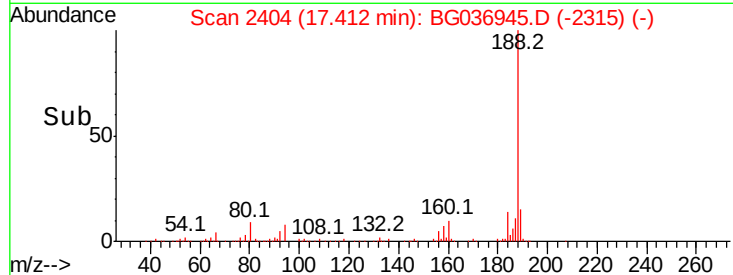
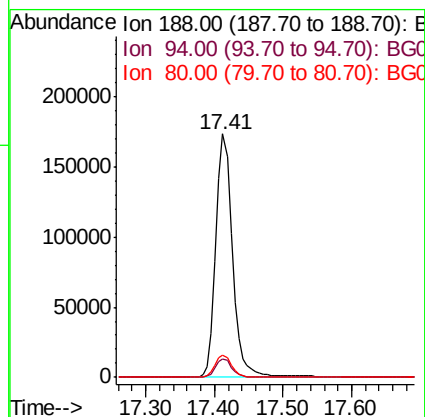
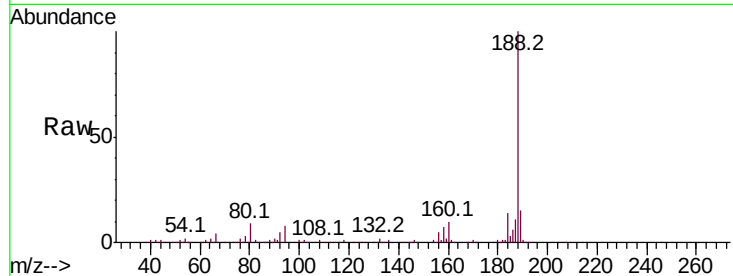




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036945.D
Acq: 25 Sep 2018 9:25

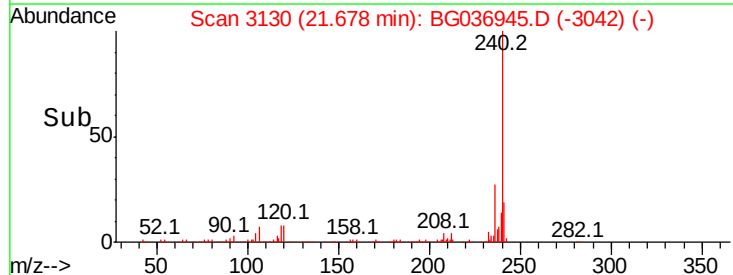
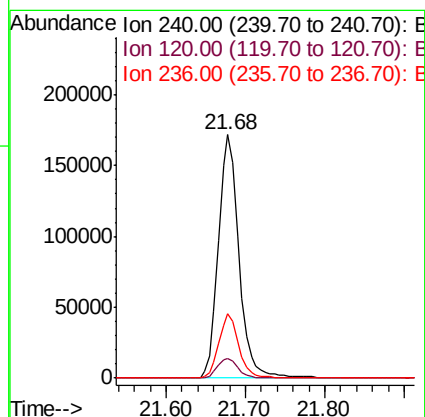
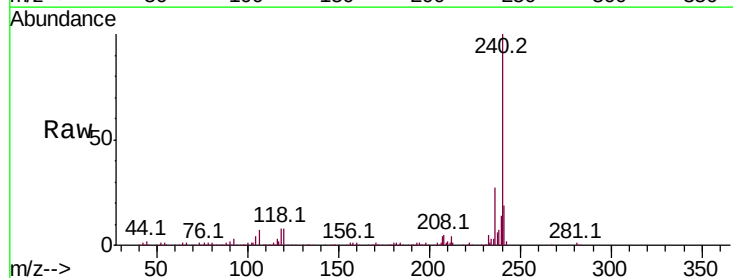
Instrument :
BNA_G
ClientSampleId :
230-KV-B

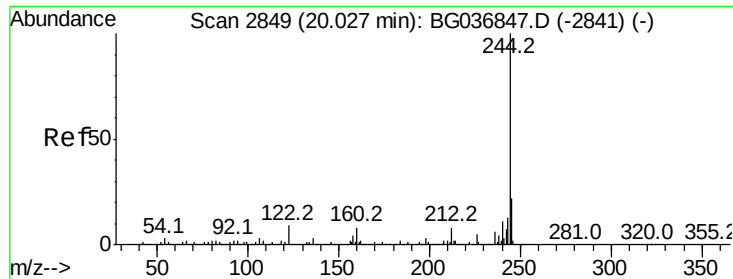
Tot Ion:188 Resp: 294300
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.0 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036945.D
Acq: 25 Sep 2018 9:25

Tgt Ion:240 Resp: 309413
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 104.871 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036945.D

Acq: 25 Sep 2018 9:25

Instrument :

BNA_G

ClientSampleId :

230-KV-B

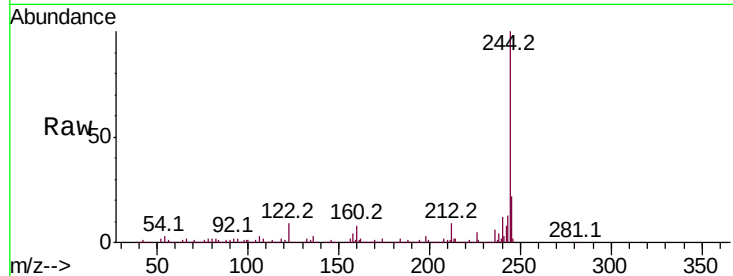
Tot Ion:244 Resp: 1234025

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

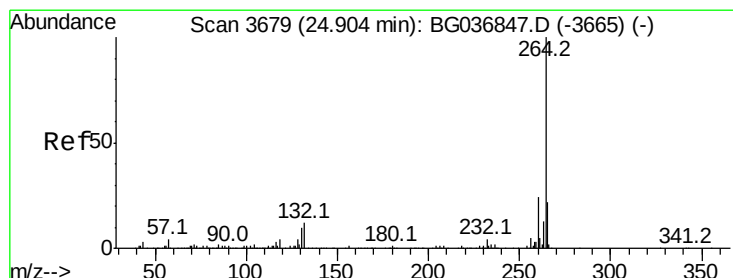
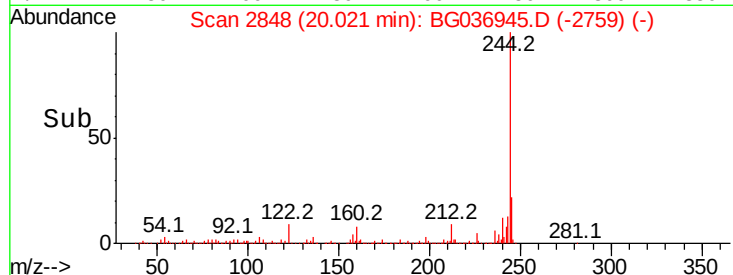
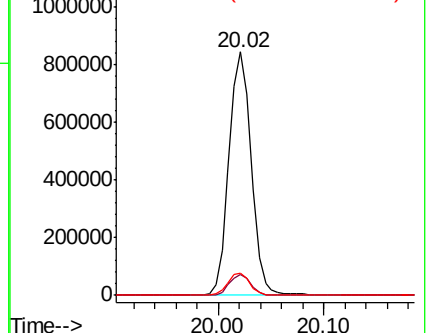
122 9.0 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036945.D

Acq: 25 Sep 2018 9:25

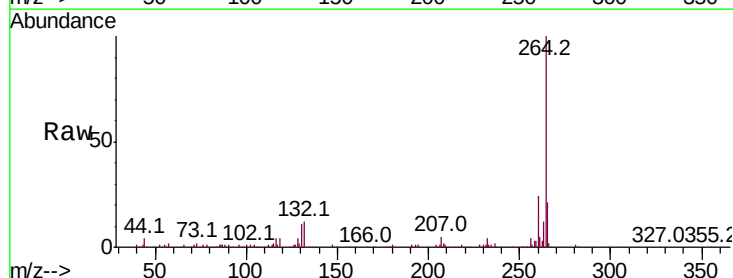
Tgt Ion:264 Resp: 300957

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

