

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036944.D
 Acq On : 25 Sep 2018 8:46
 Operator : JU/SJ
 Sample : J5061-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-A

Quant Time: Sep 25 11:10:56 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	40375	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	171189	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	116858	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	310602	20.00	ng	0.00
75) Chrysene-d12	21.68	240	329395	20.00	ng	-0.01
86) Perylene-d12	24.89	264	323741	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	267447	127.04	ng	0.00
7) Phenol-d6	7.20	99	347251	106.61	ng	-0.01
23) Nitrobenzene-d5	9.20	82	286143	89.51	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	160814	115.02	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	640536	81.64	ng	0.00
78) Terphenyl-d14	20.02	244	1199069	95.72	ng	0.00

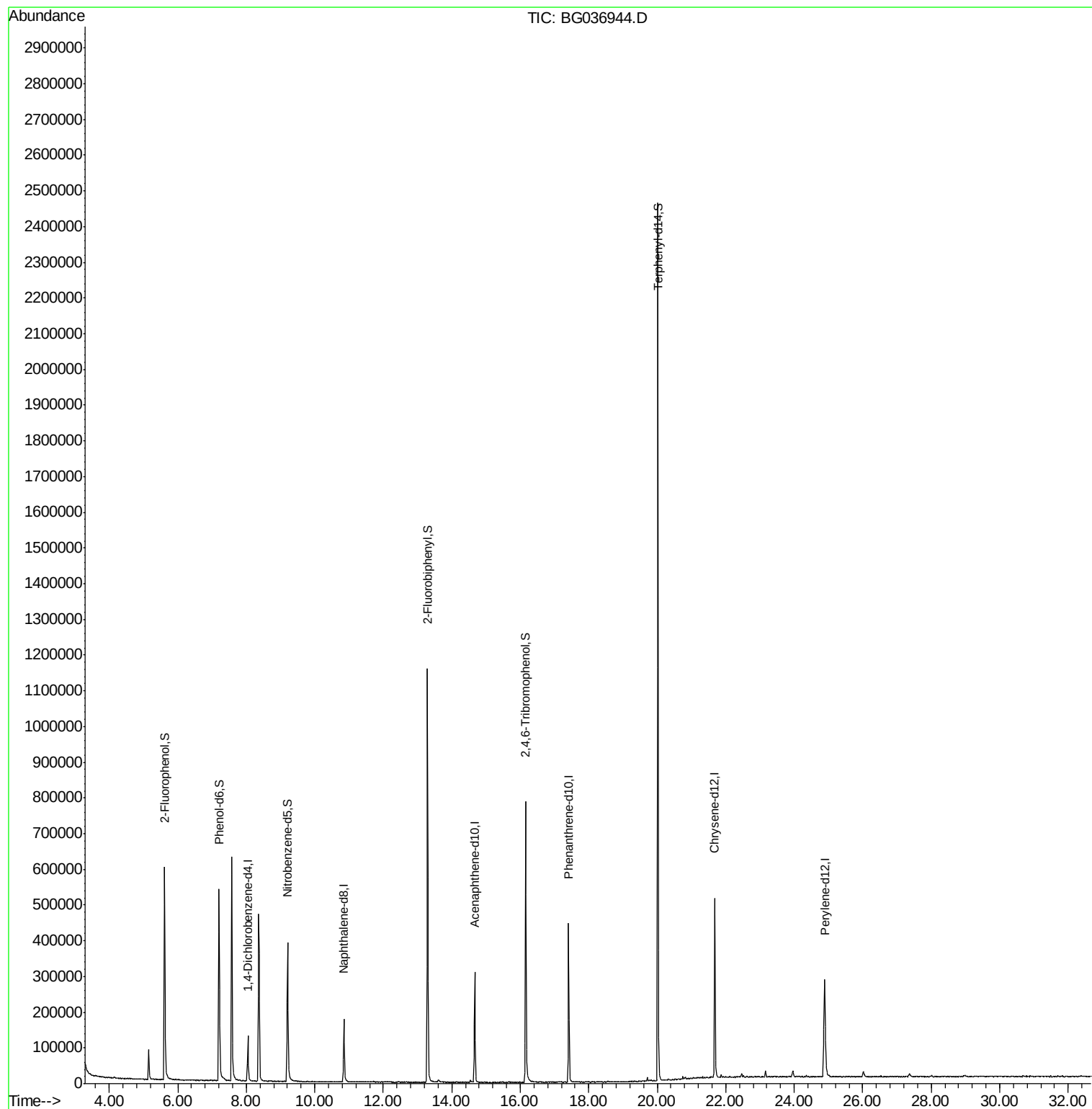
Target Compounds Qvalue

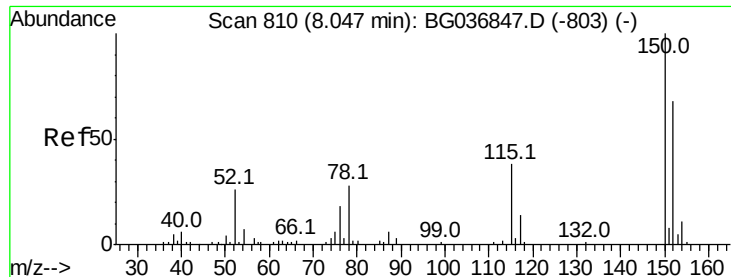
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036944.D

Acq: 25 Sep 2018 8:46

Instrument :

BNA_G

ClientSampleId :

230-KV-A

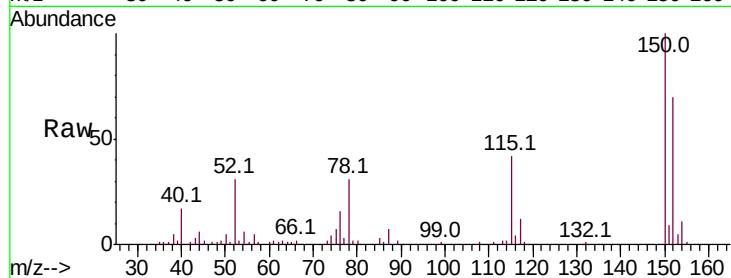
Tot Ion:152 Resp: 40375

Ion Ratio Lower Upper

152 100

150 143.8 119.5 179.3

115 60.7 44.5 66.7

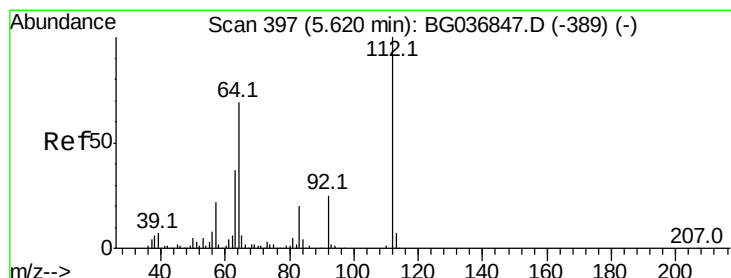
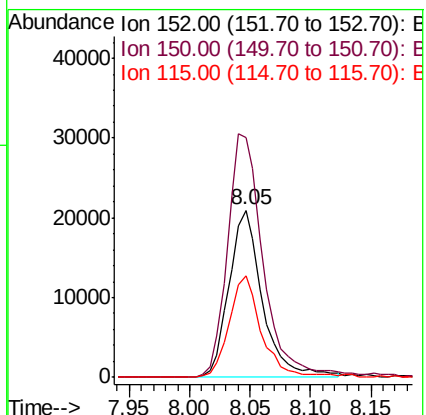
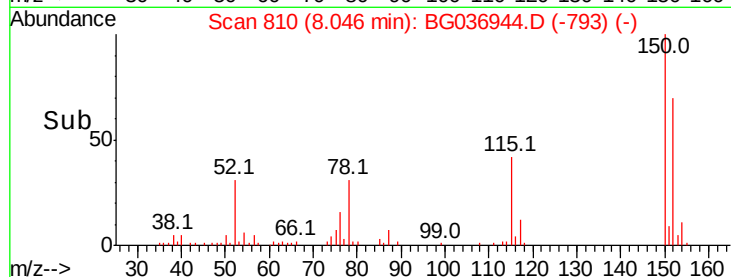


Abundance

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: 127.035 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036944.D

Acq: 25 Sep 2018 8:46

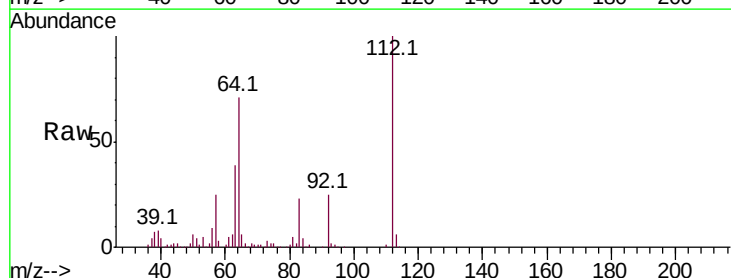
Tgt Ion:112 Resp: 267447

Ion Ratio Lower Upper

112 100

64 71.4 57.2 85.8

63 39.3 30.8 46.2

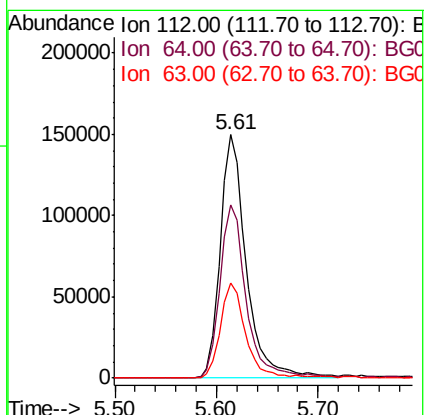
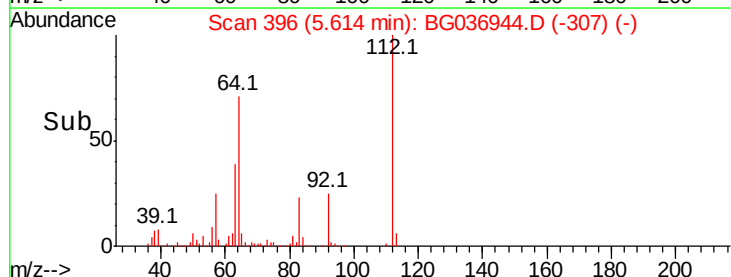


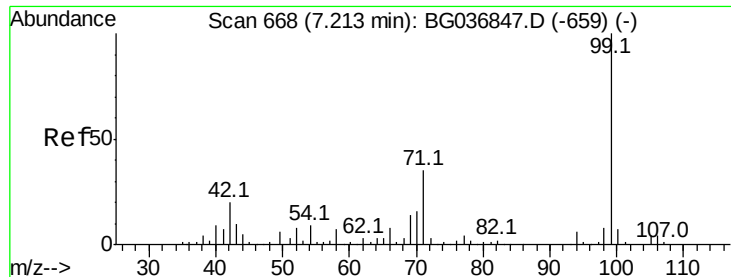
Abundance

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: 106.609 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036944.D

Acq: 25 Sep 2018 8:46

Instrument :

BNA_G

ClientSampleId :

230-KV-A

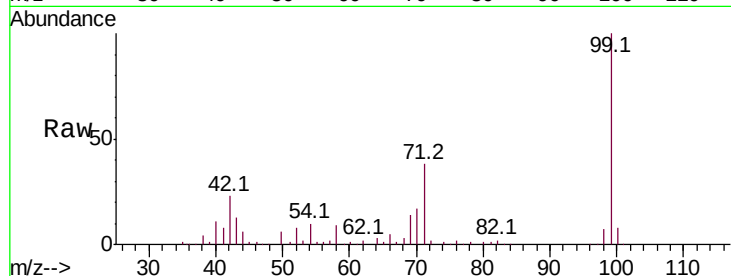
Tot Ion: 99 Resp: 347251

Ion Ratio Lower Upper

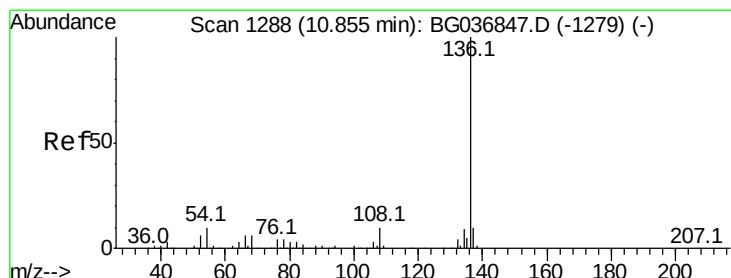
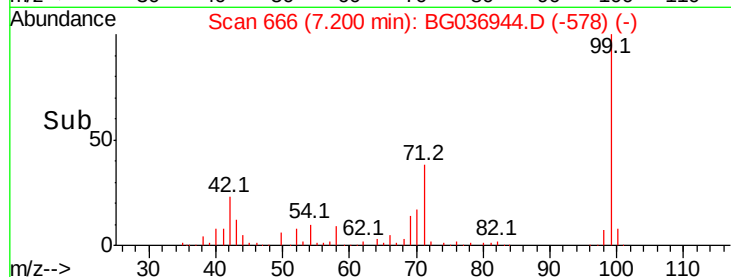
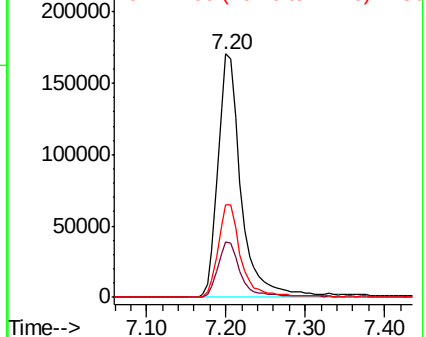
99 100

42 22.8 16.5 24.7

71 38.1 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: BG036944.D

Acq: 25 Sep 2018 8:46

Tgt Ion: 136 Resp: 171189

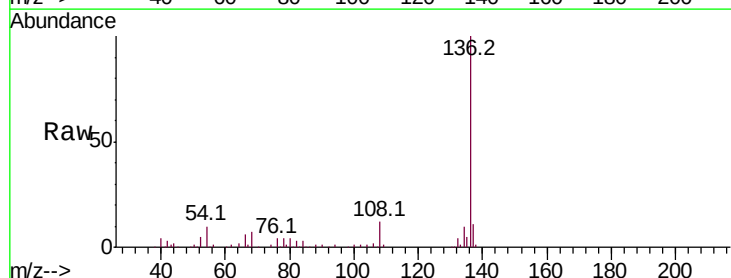
Ion Ratio Lower Upper

136 100

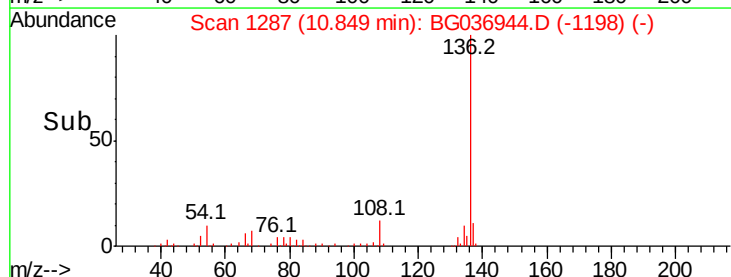
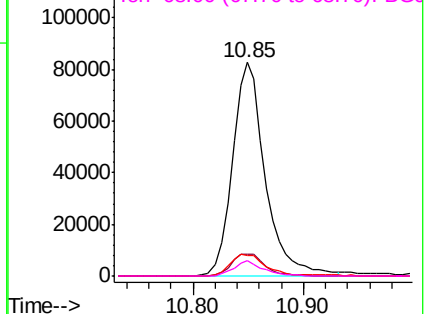
137 10.5 8.8 13.2

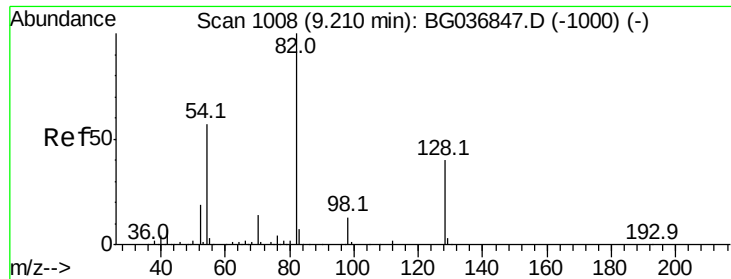
54 9.8 9.2 13.8

68 7.3 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

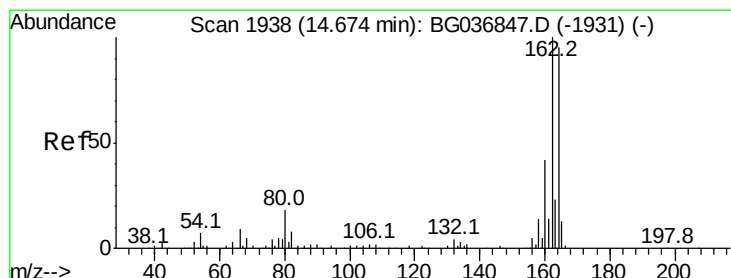
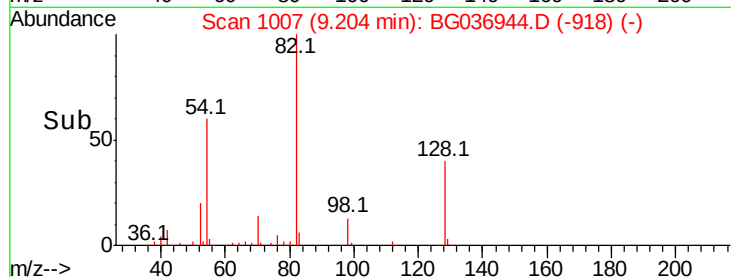
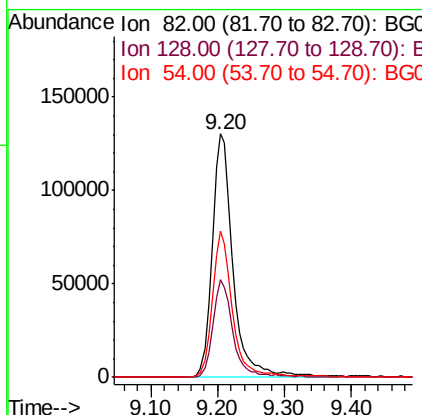
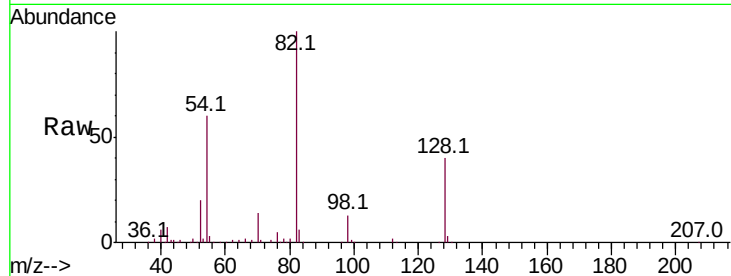




#23
Nitrobenzene-d5
Concen: 89.511 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036944.D
Acq: 25 Sep 2018 8:46

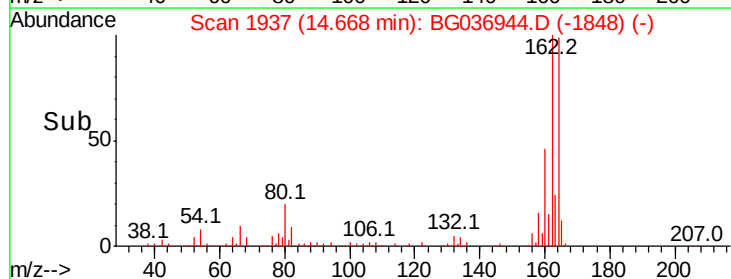
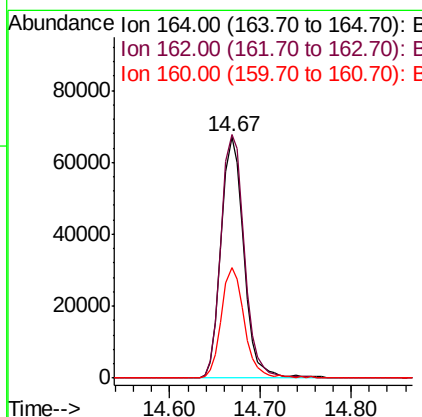
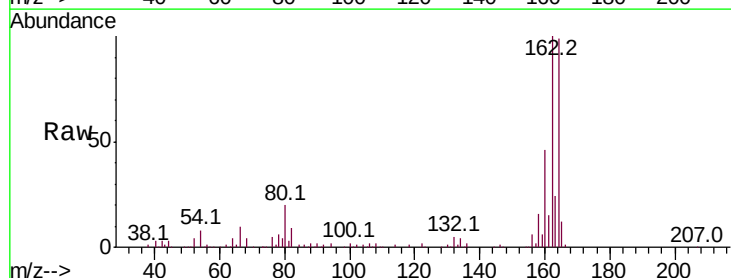
Instrument :
BNA_G
ClientSampleId :
230-KV-A

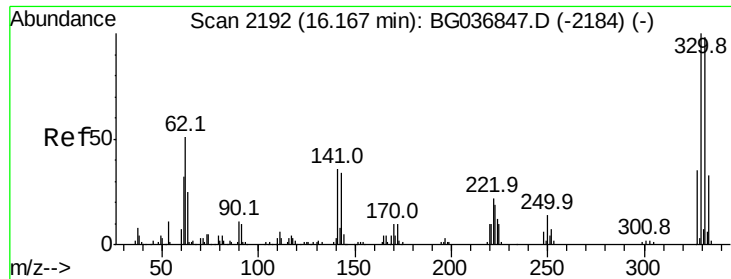
Tot Ion: 82 Resp: 286143
Ion Ratio Lower Upper
82 100
128 40.0 33.3 49.9
54 59.9 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036944.D
Acq: 25 Sep 2018 8:46

Tgt Ion: 164 Resp: 116858
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 46.0 35.3 52.9

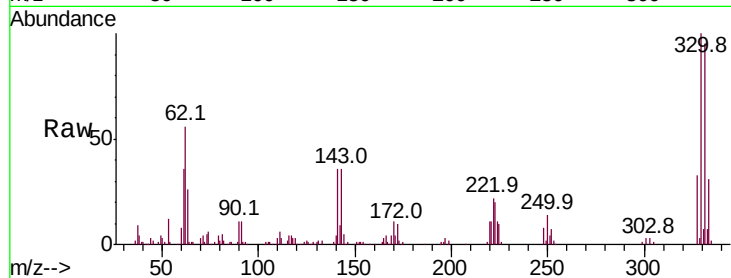




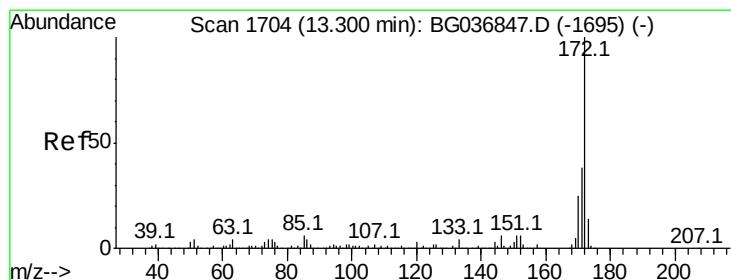
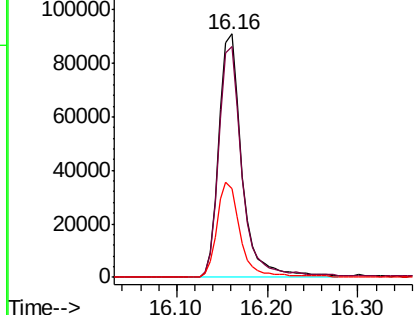
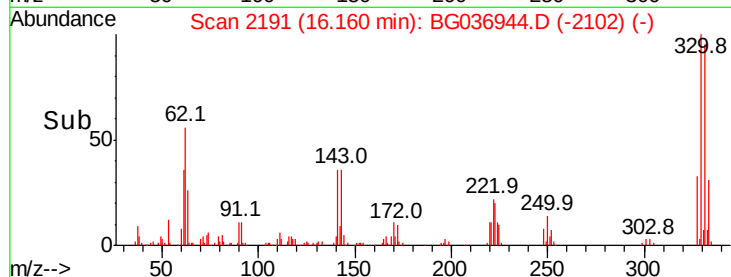
#41
 2,4,6-Tribromophenol
 Concen: 115.020 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036944.D
 Acq: 25 Sep 2018 8:46

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	40.0	30.7	46.1

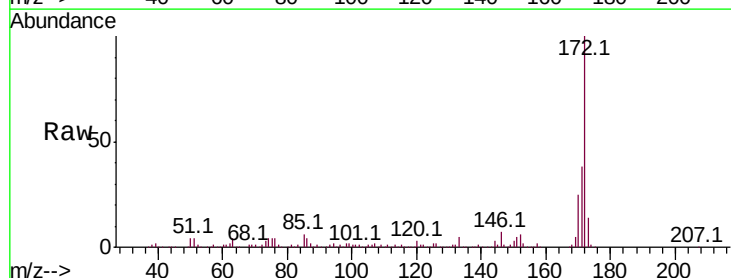


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

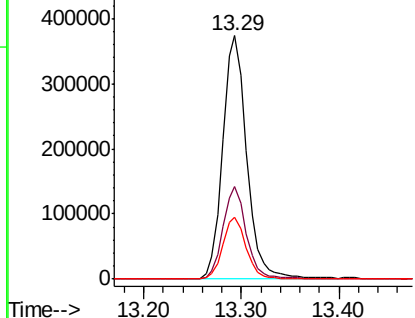
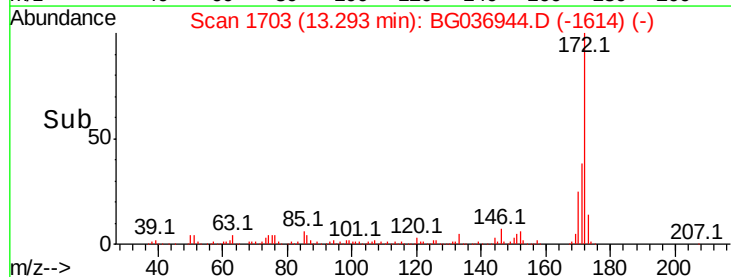


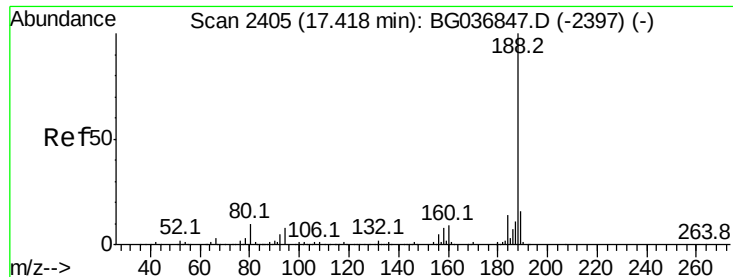
#44
 2-Fluorobiphenyl
 Concen: 81.638 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036944.D
 Acq: 25 Sep 2018 8:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	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

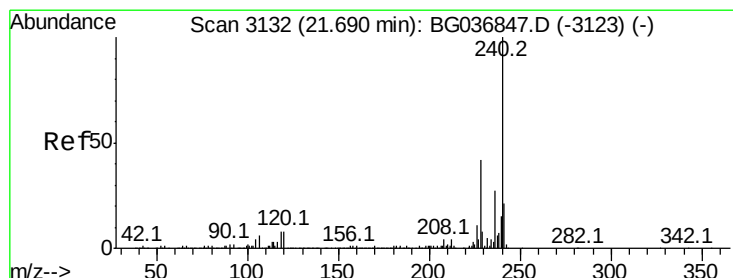
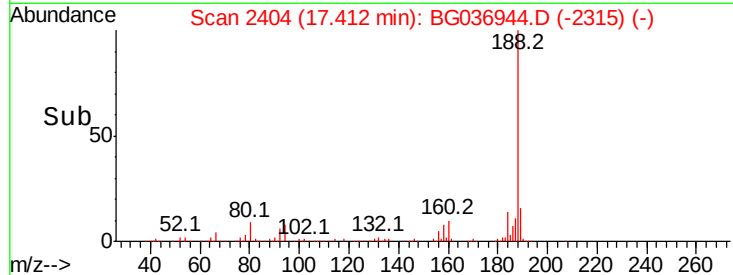
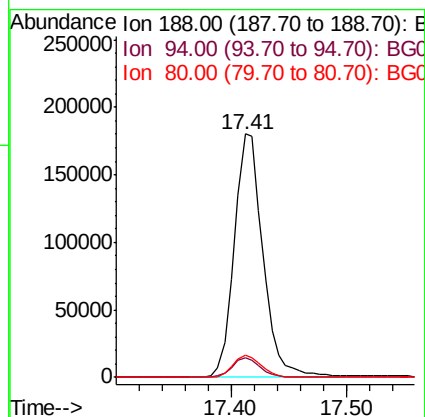
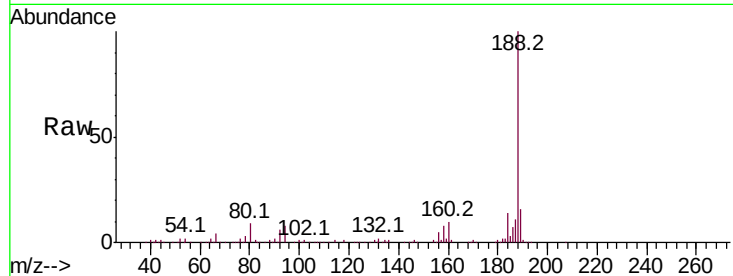




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036944.D
Acq: 25 Sep 2018 8:46

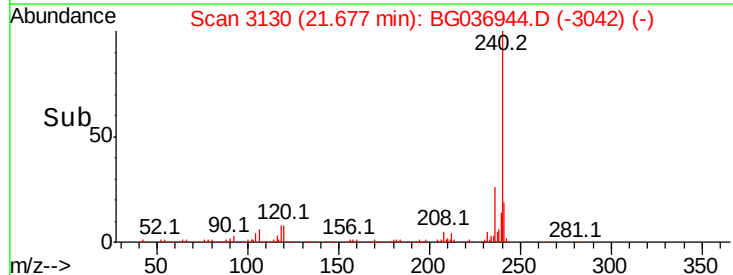
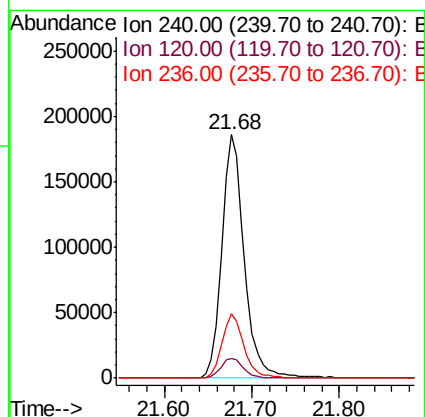
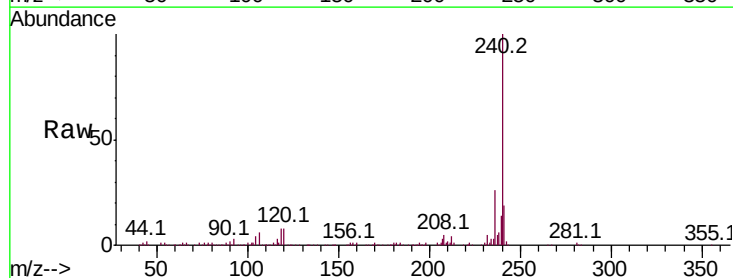
Instrument :
BNA_G
ClientSampleId :
230-KV-A

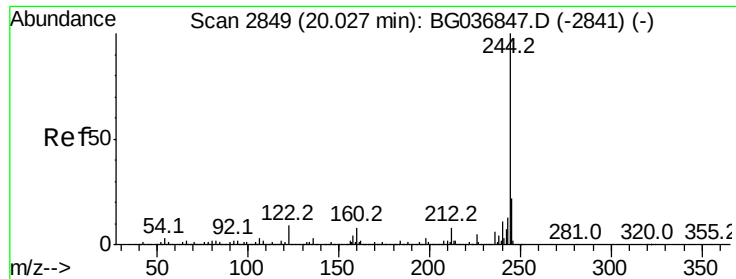
Tot Ion:188 Resp: 310602
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.2 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036944.D
Acq: 25 Sep 2018 8:46

Tgt Ion:240 Resp: 329395
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.4 21.2 31.8



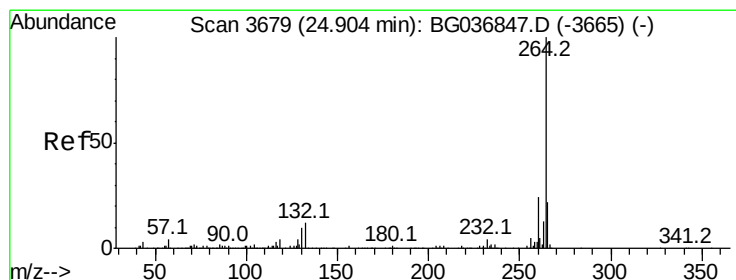
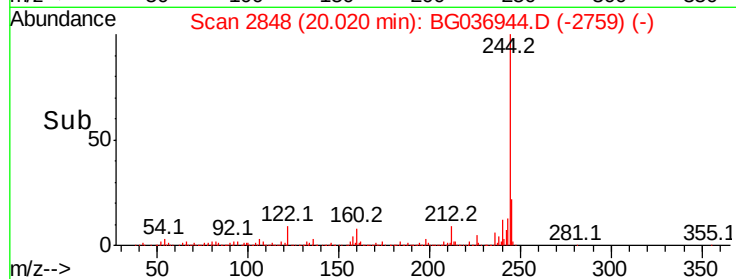
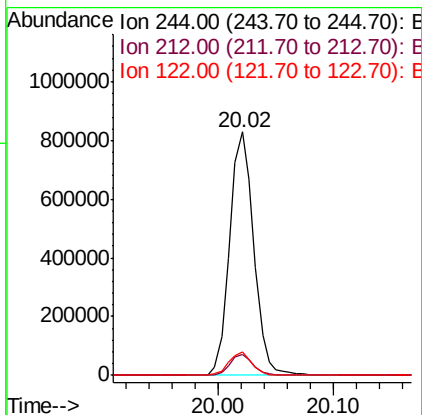
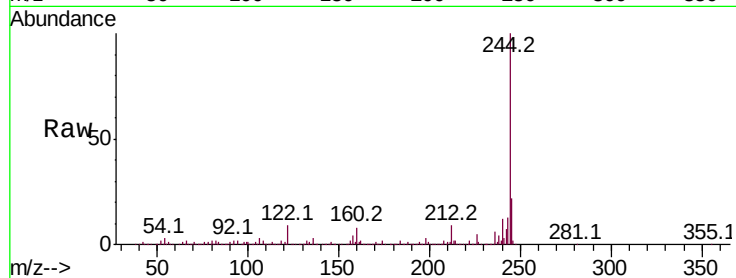


#78
 Terphenyl-d14
 Concen: 95.719 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036944.D
 Acq: 25 Sep 2018 8:46

Instrument :
 BNA_G
 ClientSampled :
 230-KV-A

Tot Ion:244 Resp: 1199069

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.4	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: BG036944.D
 Acq: 25 Sep 2018 8:46

Tgt Ion:264 Resp: 323741

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.6	17.4	26.0

