

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036587.D
 Acq On : 7 Sep 2018 2:39
 Operator : JU/SJ
 Sample : PB112644TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112644TB

Quant Time: Sep 07 05:06:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54573	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	232651	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	161965	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	418136	20.00	ng	0.00
75) Chrysene-d12	21.69	240	433070	20.00	ng	0.00
86) Perylene-d12	24.90	264	387657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	438528	127.47	ng	0.00
7) Phenol-d6	7.21	99	617445	125.35	ng	0.00
23) Nitrobenzene-d5	9.22	82	373883	87.19	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	250459	129.60	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	929836	81.97	ng	0.00
78) Terphenyl-d14	20.03	244	1562134	84.31	ng	0.00

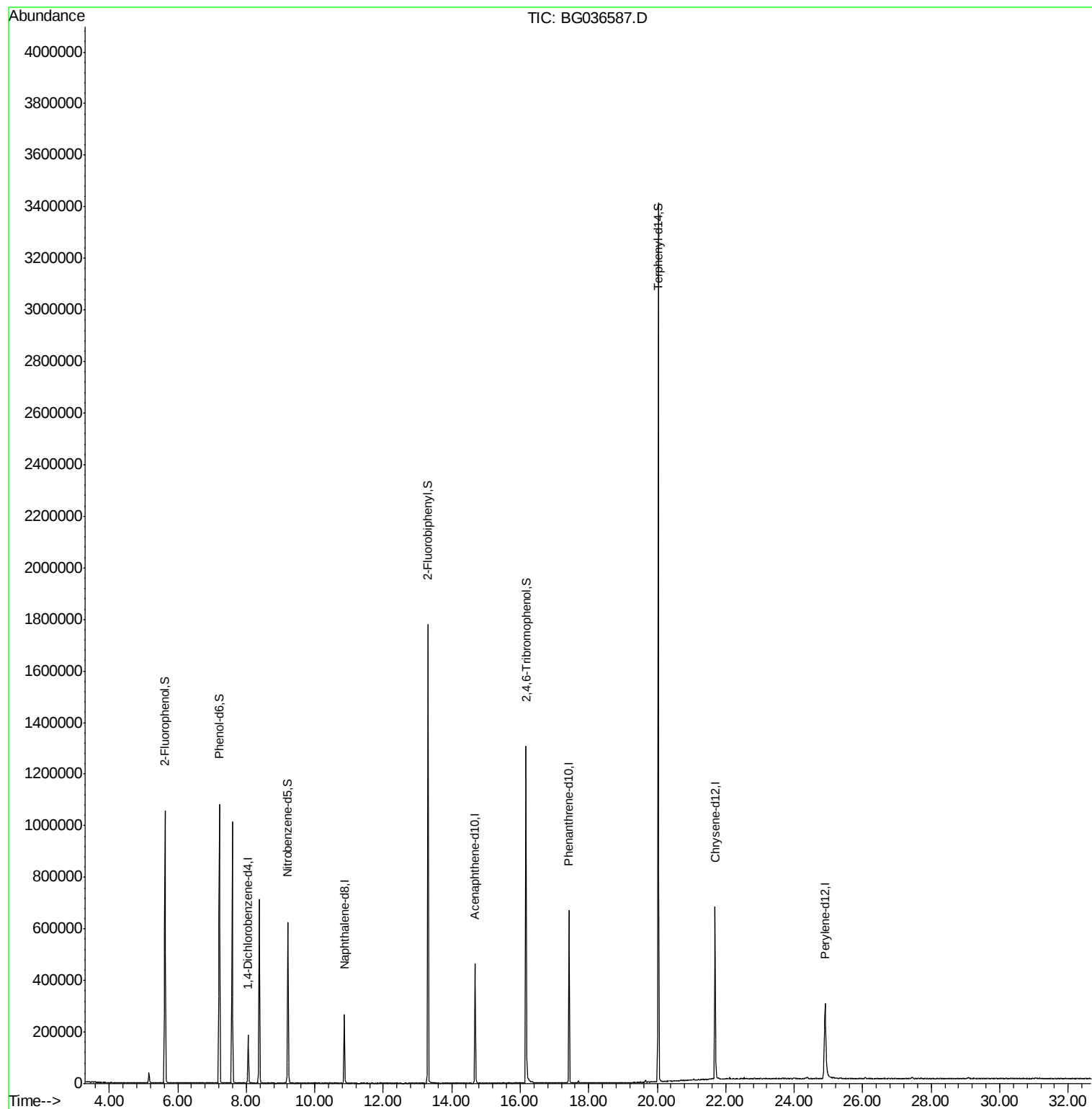
Target Compounds Qvalue

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

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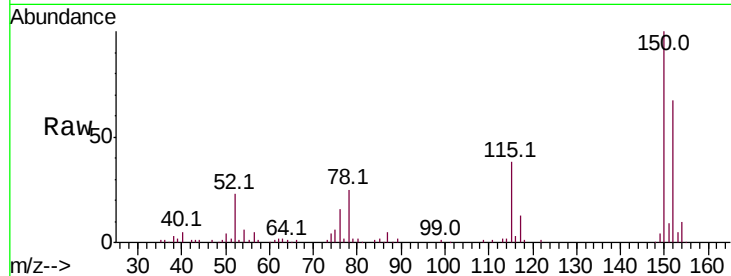


#1

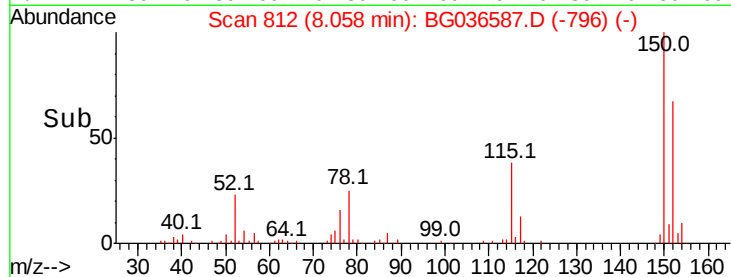
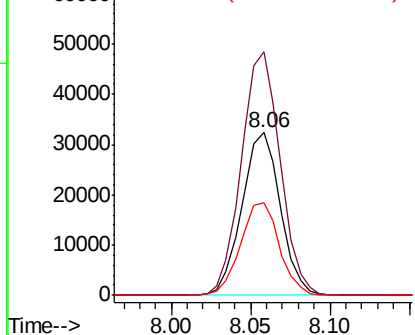
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Instrument :
BNA_G
ClientSampleId :
PB112644TB

Tot Ion:152 Resp: 54573
Ion Ratio Lower Upper
152 100
150 150.0 119.5 179.3
115 57.1 44.5 66.7



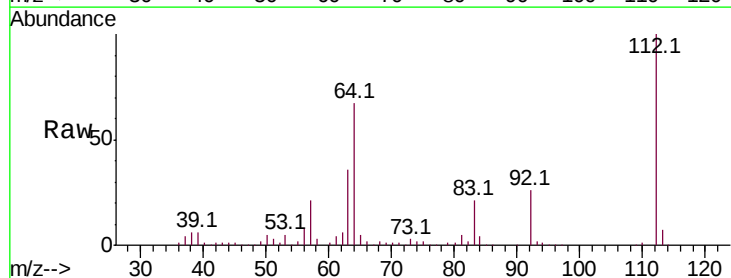
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



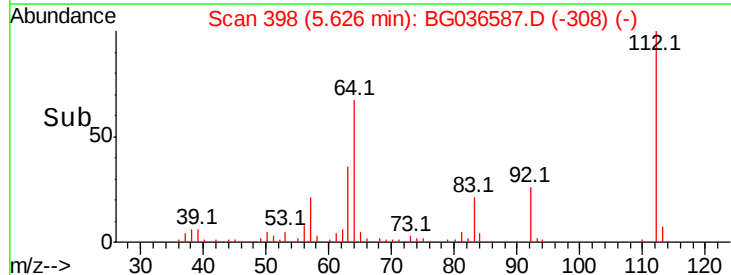
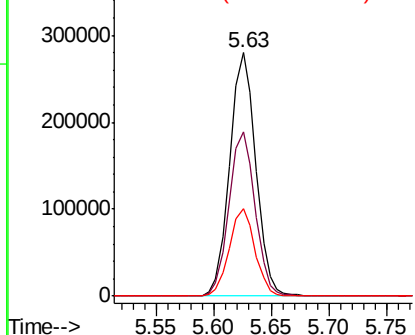
#5

2-Fluorophenol
Concen: 127.469 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Tgt Ion:112 Resp: 438528
Ion Ratio Lower Upper
112 100
64 67.4 57.2 85.8
63 36.1 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: 125.353 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

PB112644TB

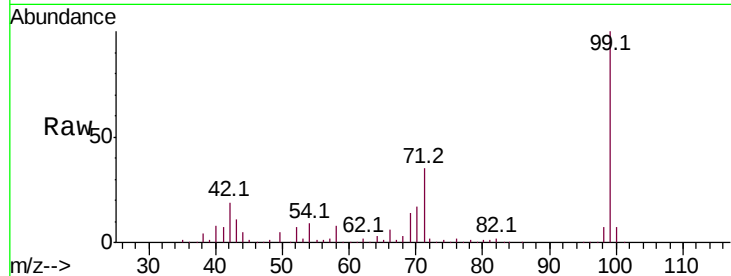
Tot Ion: 99 Resp: 617445

Ion Ratio Lower Upper

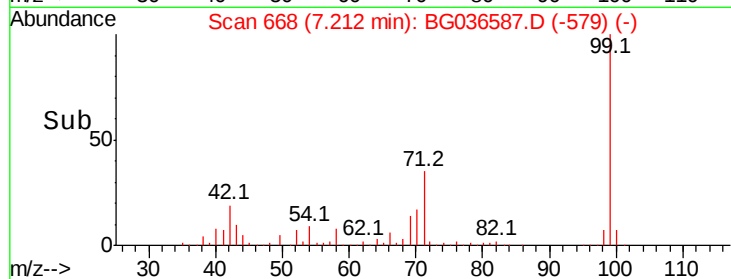
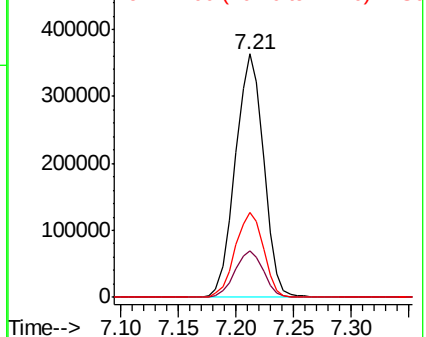
99 100

42 19.3 16.5 24.7

71 34.8 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: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

Tgt Ion: 136 Resp: 232651

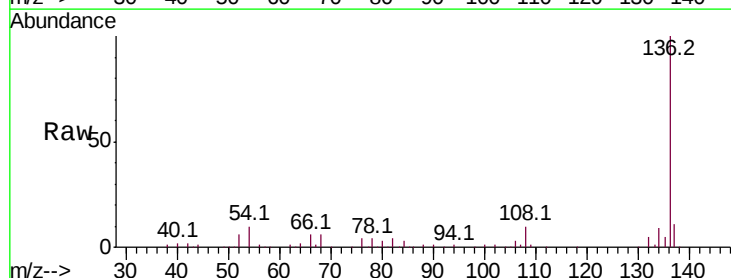
Ion Ratio Lower Upper

136 100

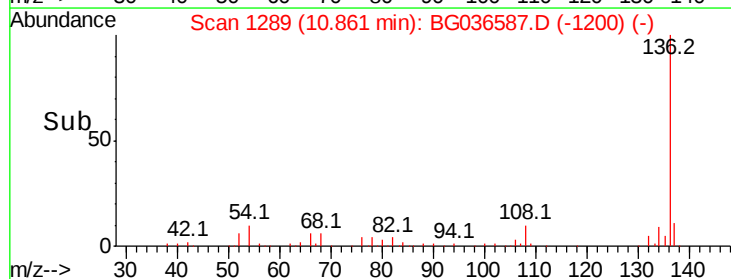
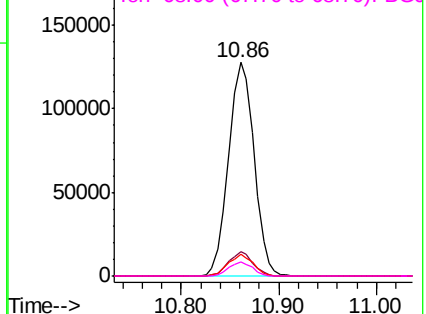
137 11.2 8.8 13.2

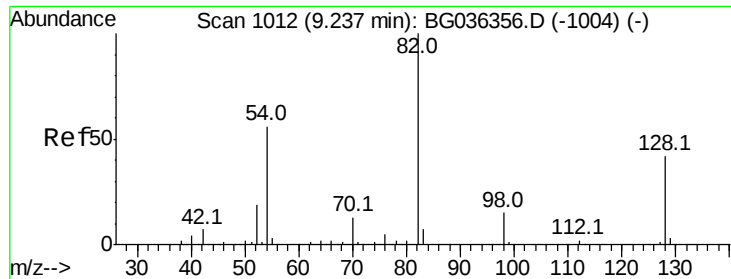
54 10.1 9.2 13.8

68 6.4 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

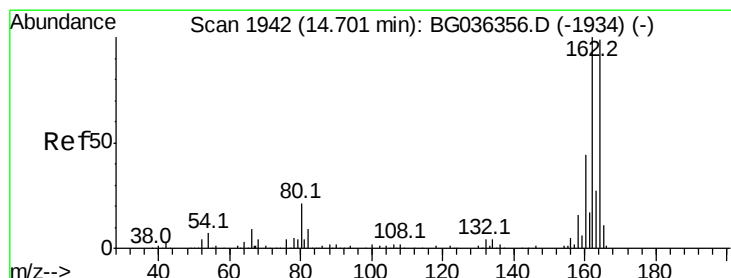
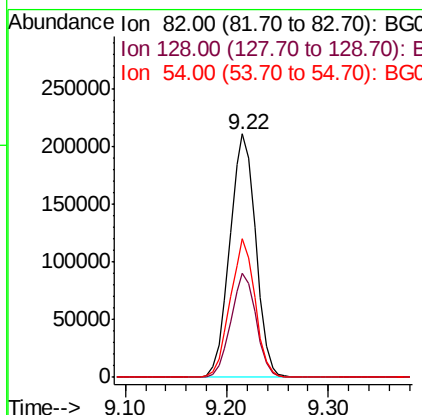
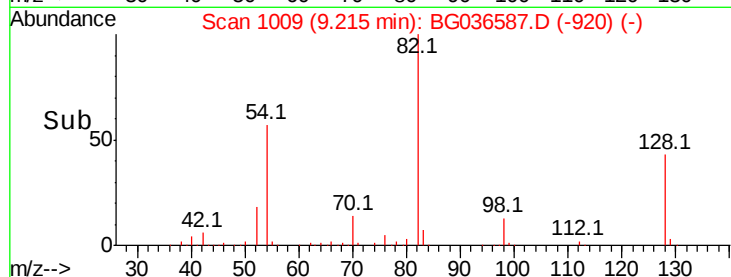
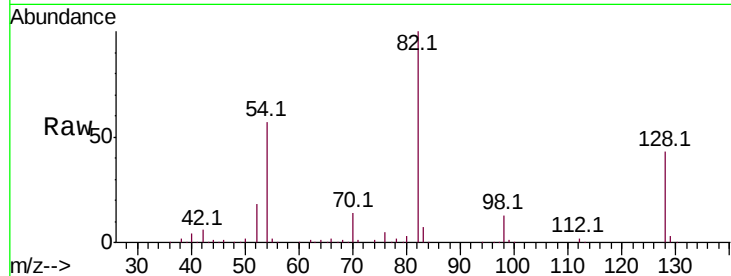




#23
Nitrobenzene-d5
Concen: 87.194 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

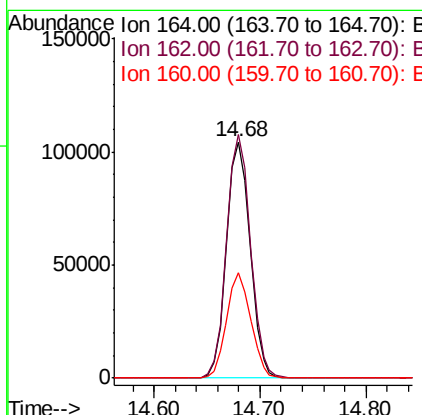
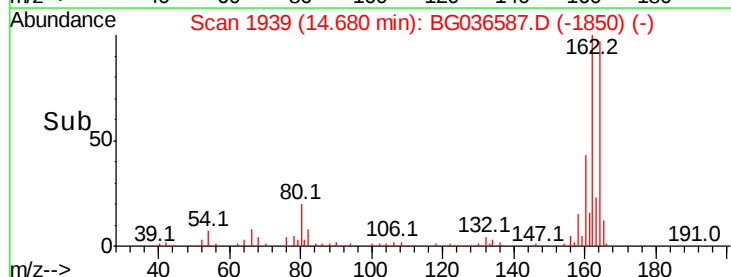
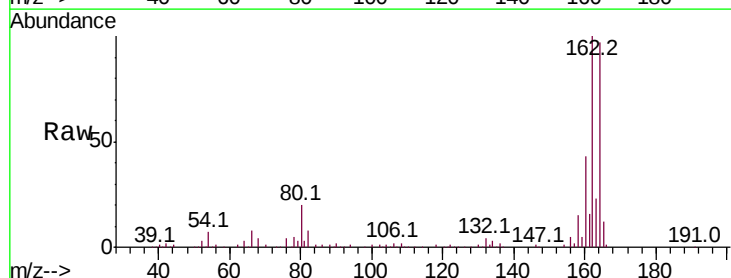
Instrument :
BNA_G
ClientSampleId :
PB112644TB

Tot Ion: 82 Resp: 373883
Ion Ratio Lower Upper
82 100
128 43.0 33.3 49.9
54 56.7 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Tgt Ion:164 Resp: 161965
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 44.4 35.3 52.9

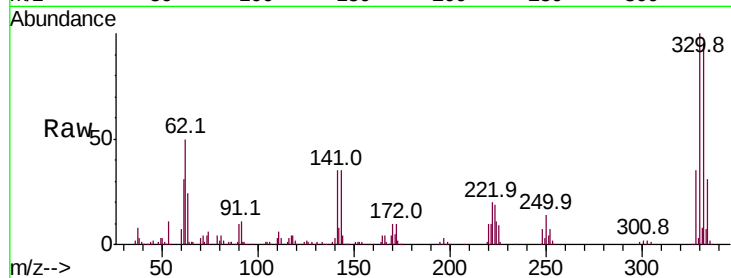




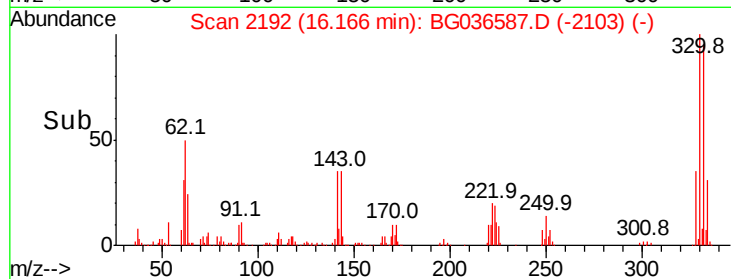
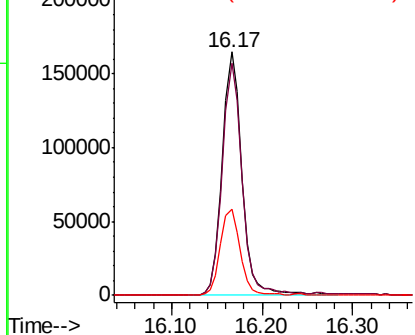
#41
 2,4,6-Tribromophenol
 Concen: 129.597 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036587.D
 Acq: 7 Sep 2018 2:39

Instrument :
 BNA_G
 ClientSampleId :
 PB112644TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	35.3	30.7	46.1

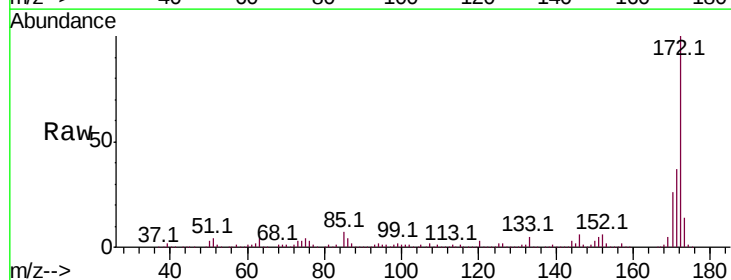


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

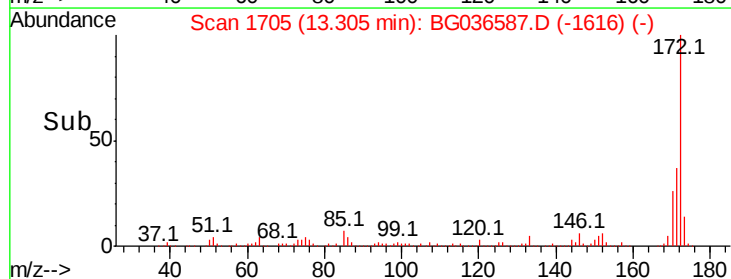
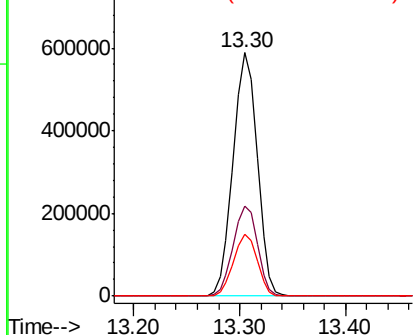


#44
 2-Fluorobiphenyl
 Concen: 81.971 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036587.D
 Acq: 7 Sep 2018 2:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	25.5	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

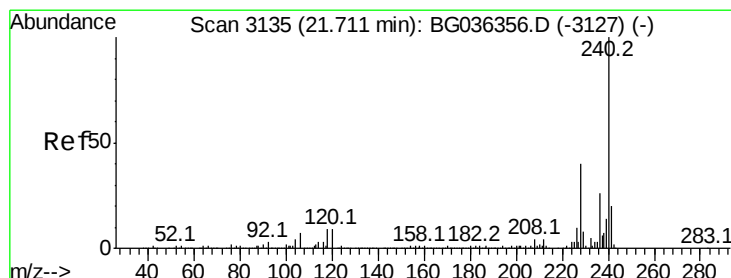
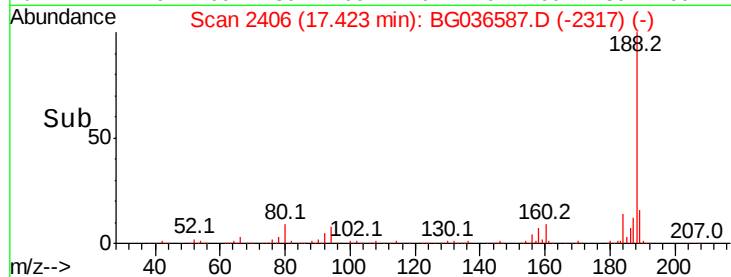
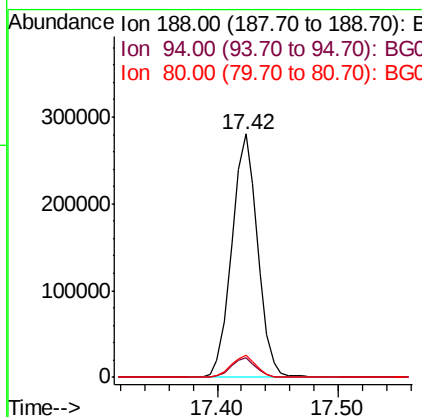
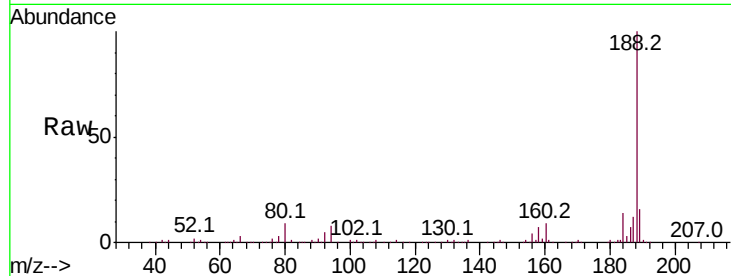




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

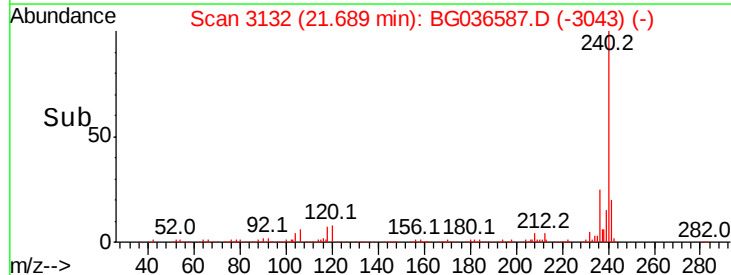
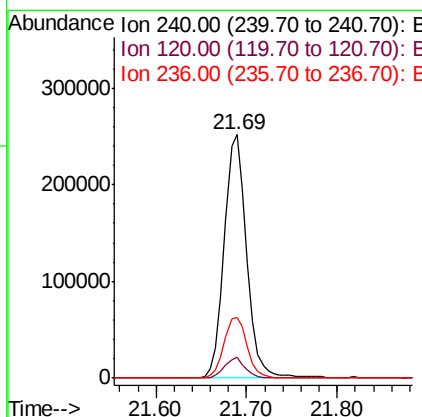
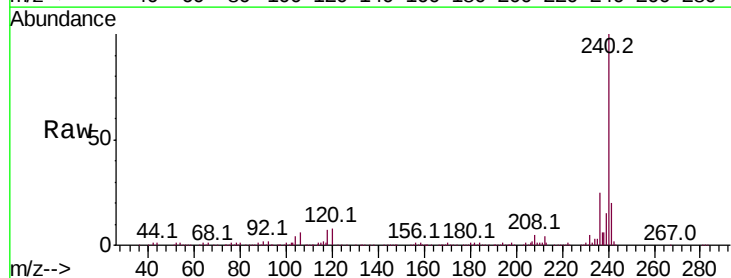
Instrument :
BNA_G
ClientSampleId :
PB112644TB

Tot Ion:188 Resp: 418136
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.0 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Tgt Ion:240 Resp: 433070
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.1 21.2 31.8





#78

Terphenyl-d14

Concen: 84.311 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

PB112644TB

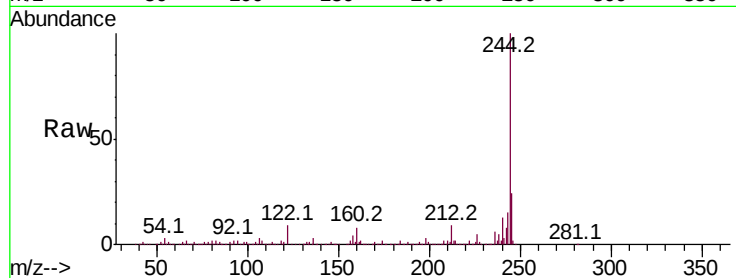
Tot Ion:244 Resp: 1562134

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

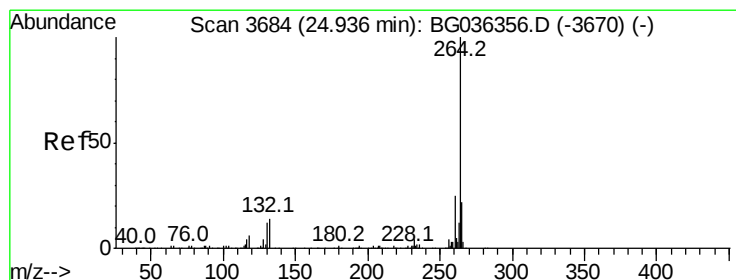
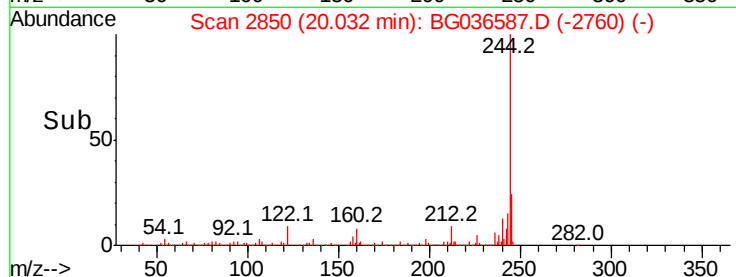
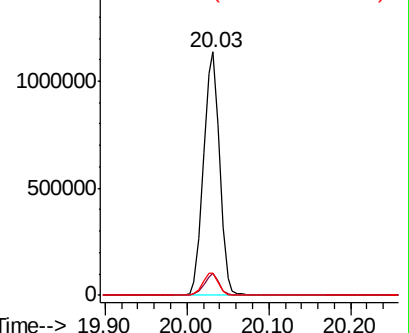
122 9.2 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

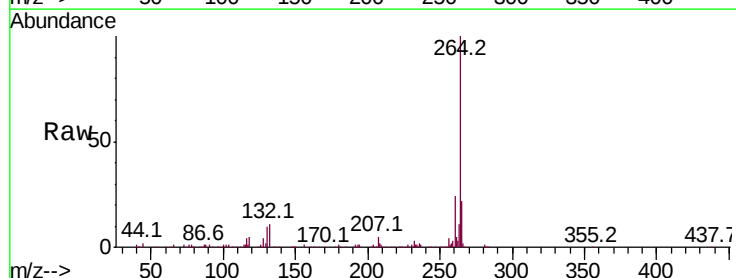
Tgt Ion:264 Resp: 387657

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 22.4 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

