

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036586.D
 Acq On : 7 Sep 2018 2:00
 Operator : JU/SJ
 Sample : PB112644BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112644BL

Quant Time: Sep 07 05:04:05 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	55242	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	234199	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167673	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	438025	20.00	ng	0.00
75) Chrysene-d12	21.69	240	453614	20.00	ng	0.00
86) Perylene-d12	24.90	264	428952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	364571	104.69	ng	0.00
7) Phenol-d6	7.21	99	520269	104.35	ng	0.00
23) Nitrobenzene-d5	9.22	82	311907	72.26	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	212580	106.25	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	790181	67.29	ng	0.00
78) Terphenyl-d14	20.03	244	1374987	70.85	ng	0.00

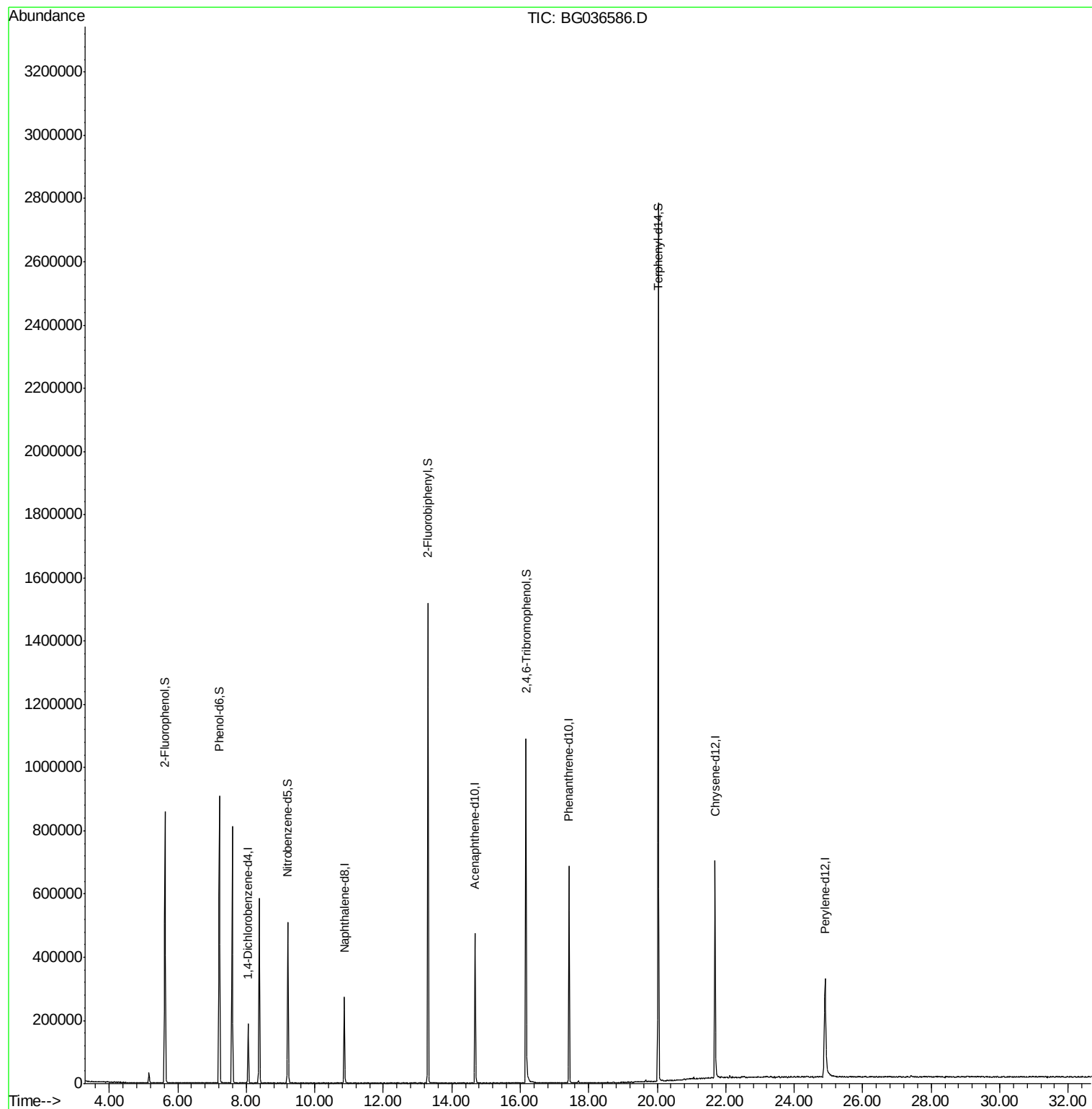
Target Compounds Qvalue

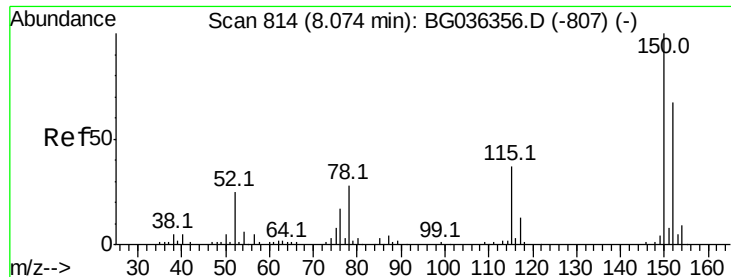
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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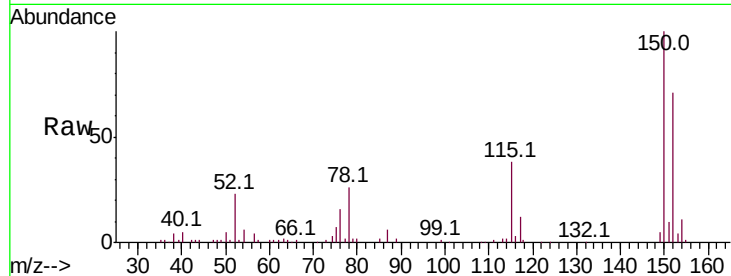


#1

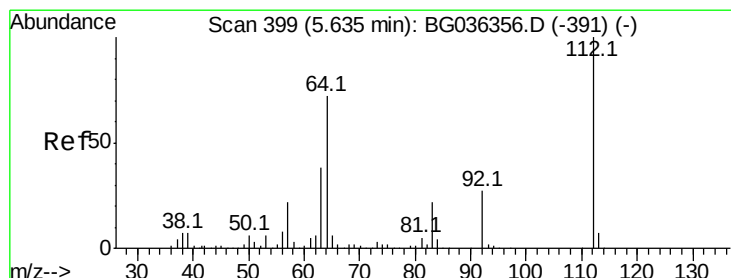
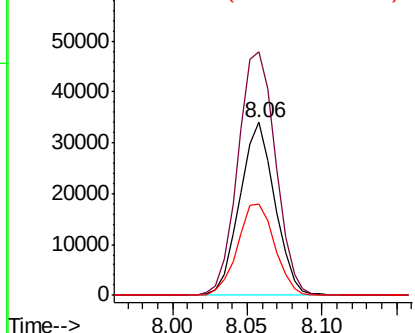
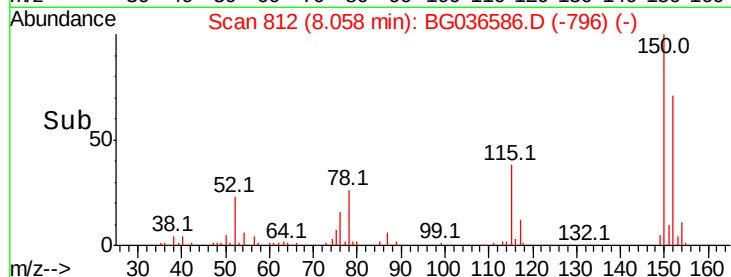
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112644BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.7	119.5	179.3
115	53.0	44.5	66.7



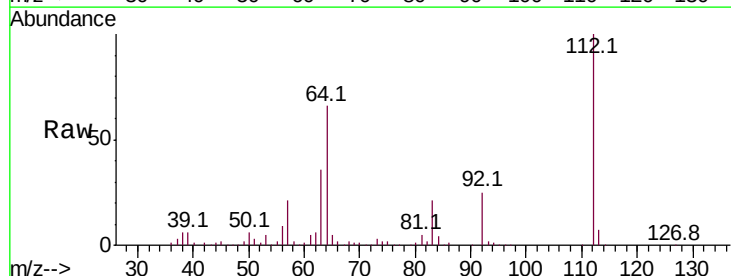
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



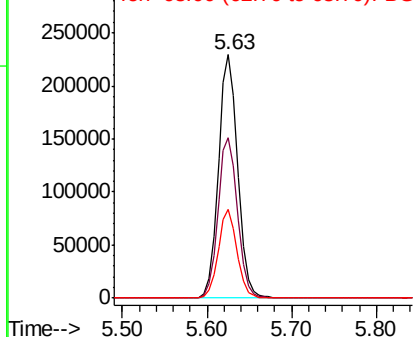
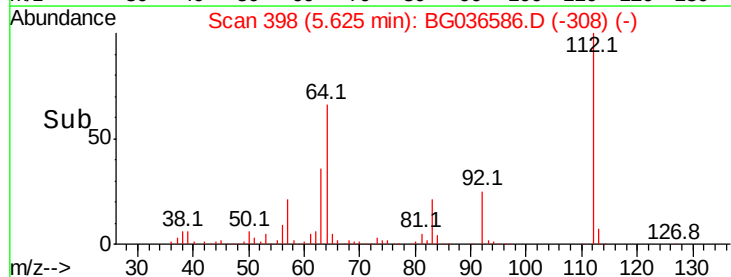
#5

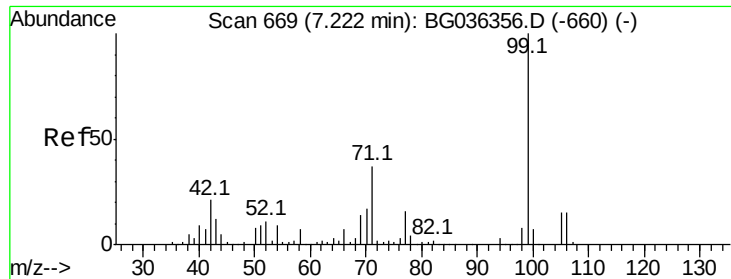
2-Fluorophenol
 Concen: 104.688 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	57.2	85.8
63	36.4	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: 104.346 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

Instrument :

BNA_G

ClientSampleId :

PB112644BL

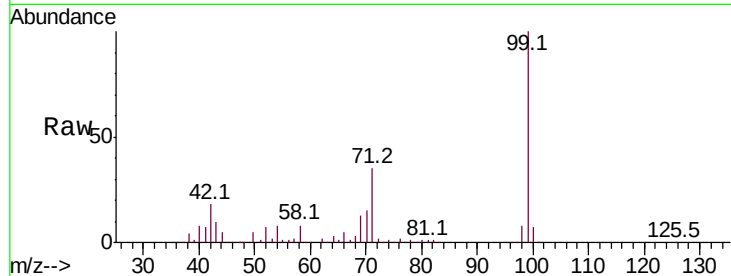
Tot Ion: 99 Resp: 520269

Ion Ratio Lower Upper

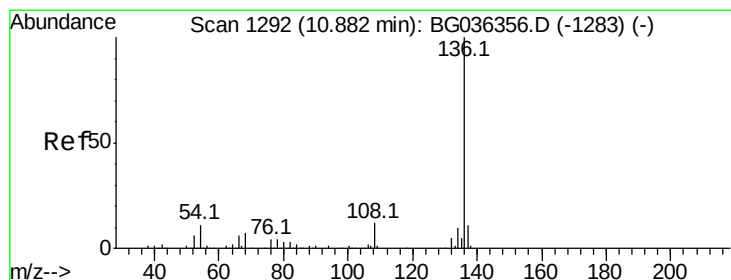
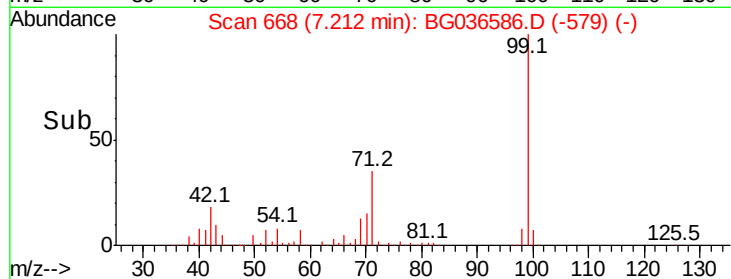
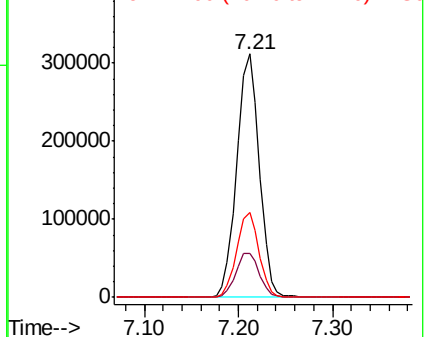
99 100

42 18.2 16.5 24.7

71 34.7 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: BG036586.D

Acq: 7 Sep 2018 2:00

Tgt Ion: 136 Resp: 234199

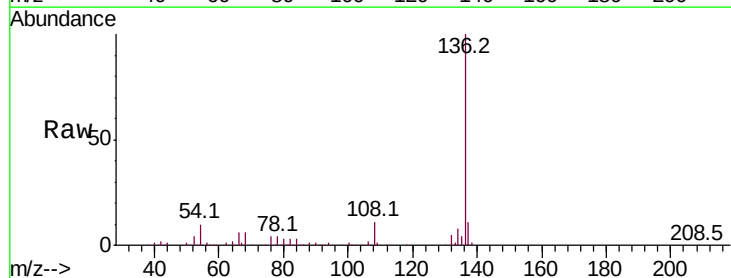
Ion Ratio Lower Upper

136 100

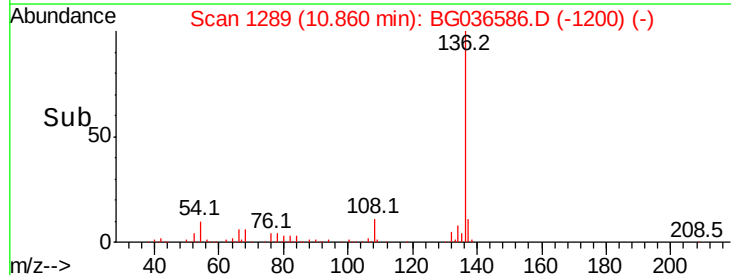
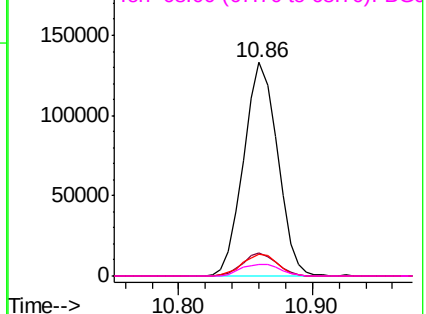
137 11.1 8.8 13.2

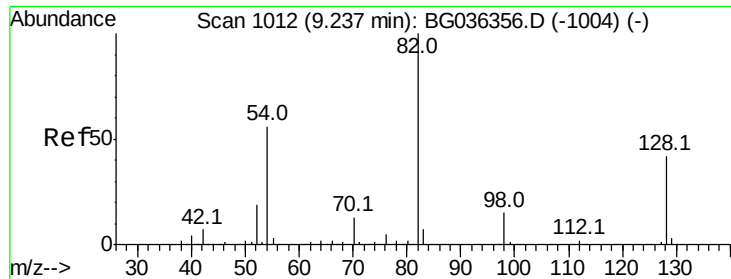
54 10.1 9.2 13.8

68 5.6 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

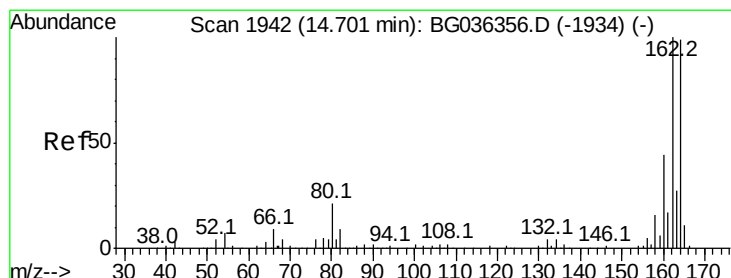
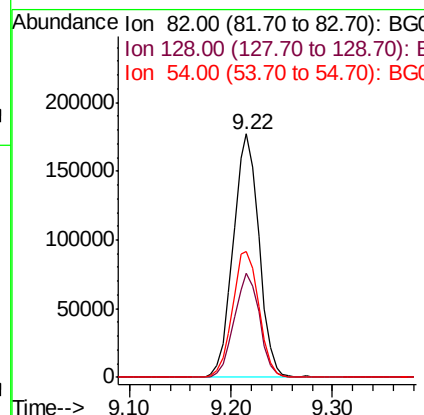
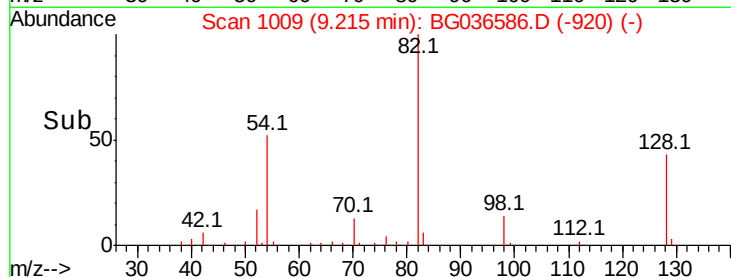
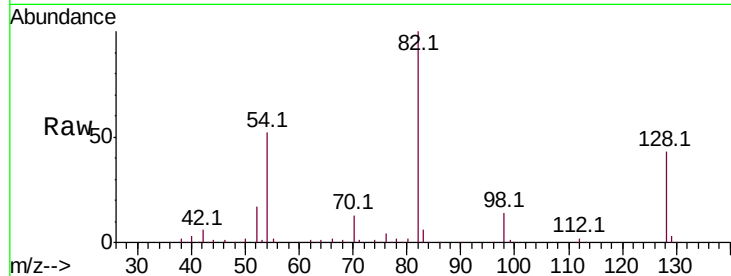




#23
 Nitrobenzene-d5
 Concen: 72.259 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

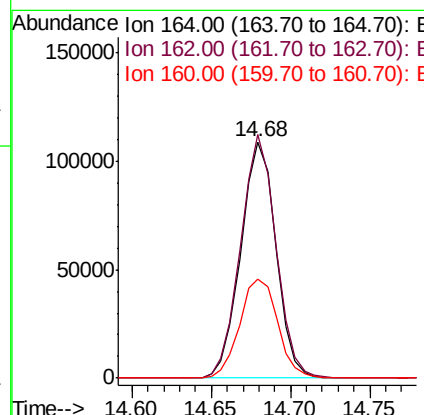
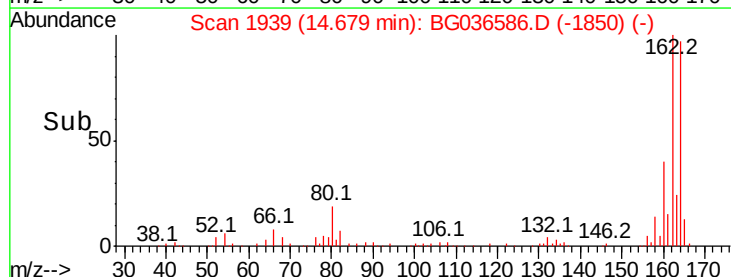
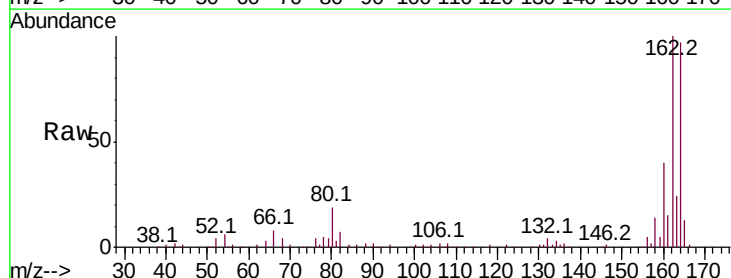
Instrument :
 BNA_G
 ClientSampleId :
 PB112644BL

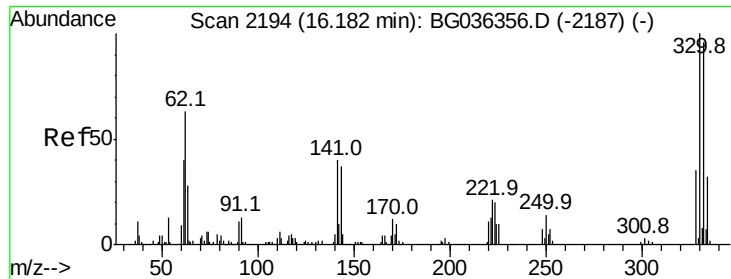
Tot Ion: 82 Resp: 311907
 Ion Ratio Lower Upper
 82 100
 128 42.9 33.3 49.9
 54 51.8 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

Tgt Ion: 164 Resp: 167673
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.7 121.1
 160 41.8 35.3 52.9

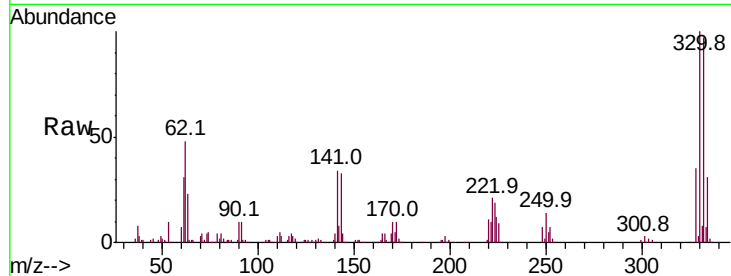




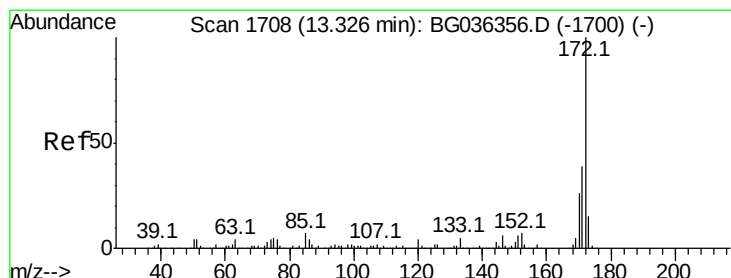
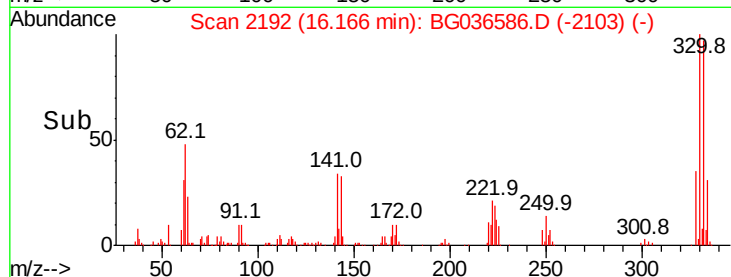
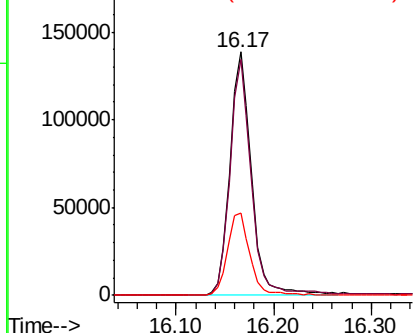
#41
 2,4,6-Tribromophenol
 Concen: 106.252 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112644BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	35.6	30.7	46.1

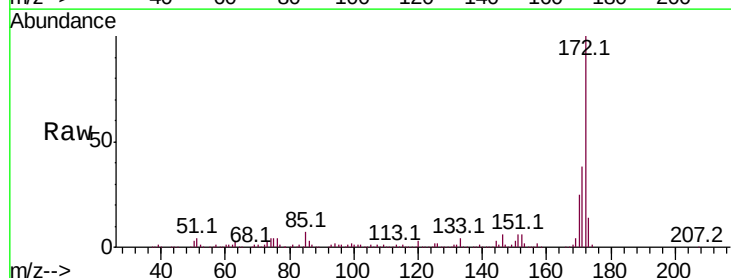


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

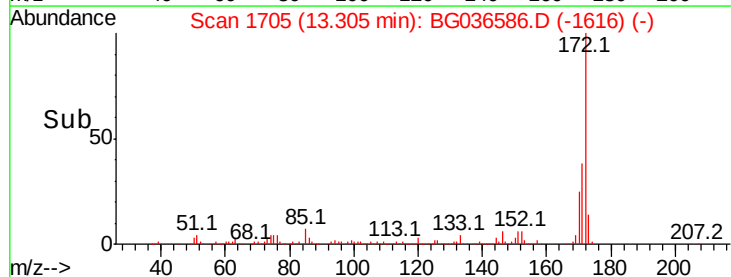
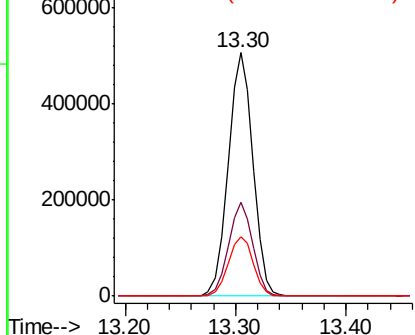


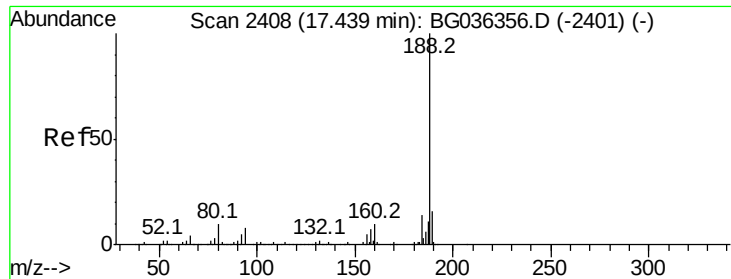
#44
 2-Fluorobiphenyl
 Concen: 67.288 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	24.6	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

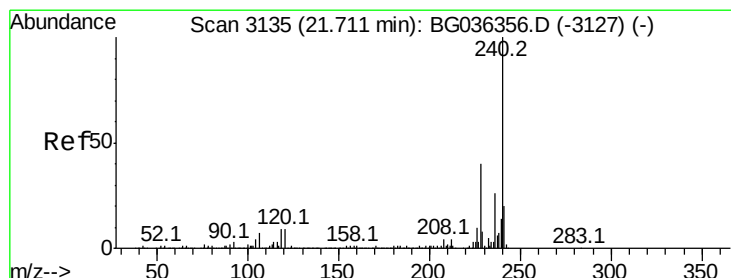
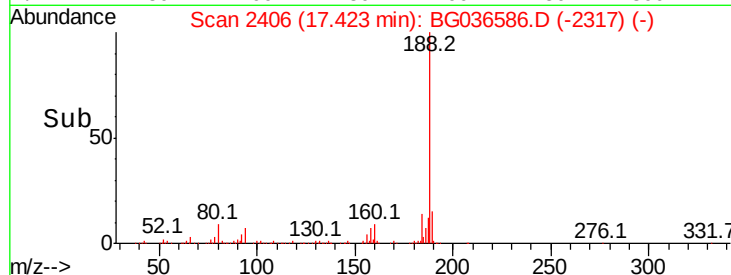
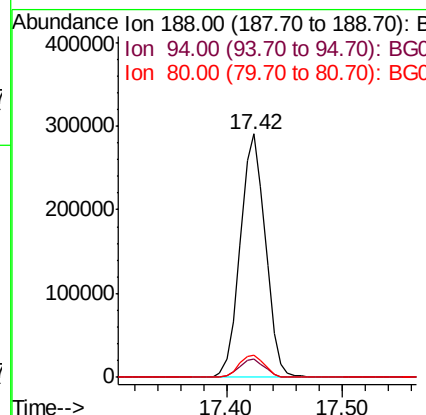
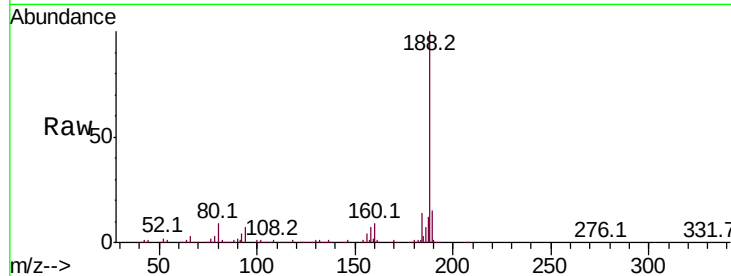




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036586.D
Acq: 7 Sep 2018 2:00

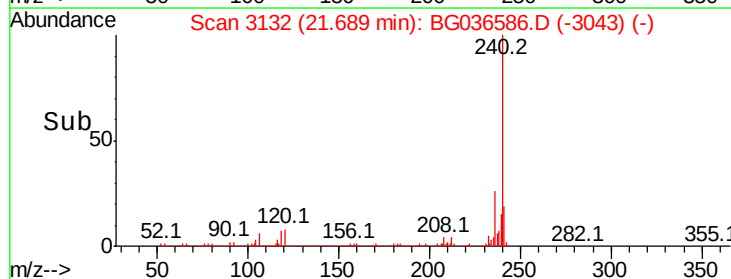
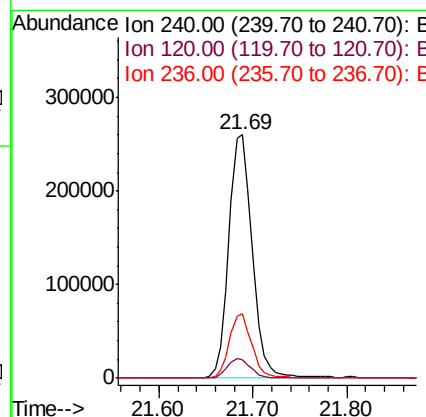
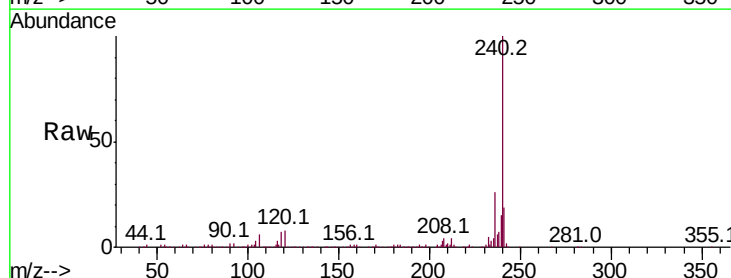
Instrument :
BNA_G
ClientSampleId :
PB112644BL

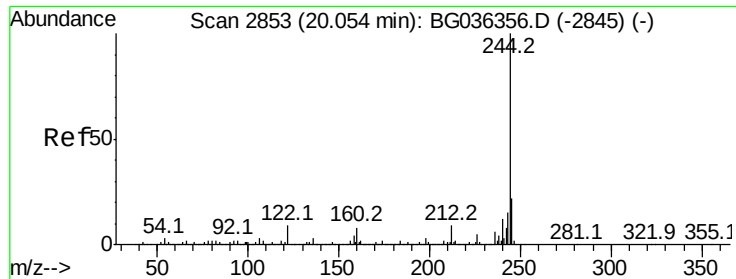
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.2	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036586.D
Acq: 7 Sep 2018 2:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.9	10.3
236	26.4	21.2	31.8





#78

Terphenyl-d14

Concen: 70.849 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

Instrument :

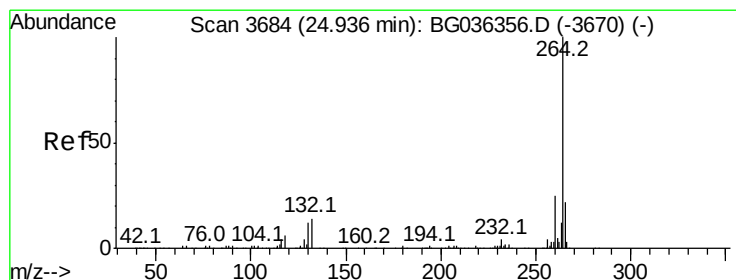
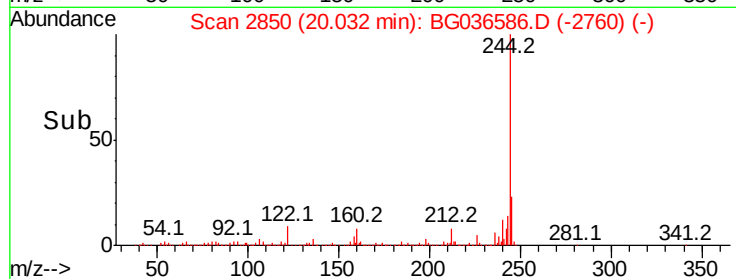
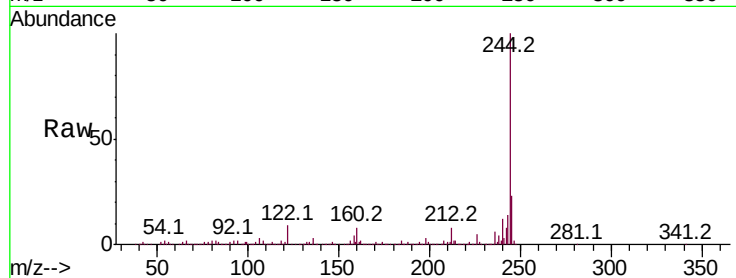
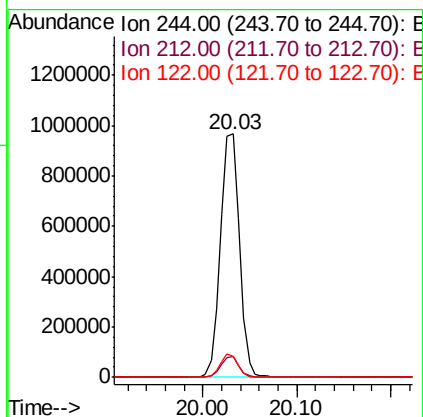
BNA_G

ClientSampleId :

PB112644BL

Tot Ion:244 Resp: 1374987

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.6	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

Tgt Ion:264 Resp: 428952

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.0	17.4	26.0

