

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036995.D
 Acq On : 26 Sep 2018 23:43
 Operator : JU/SJ
 Sample : PB113238BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BL

Quant Time: Sep 27 08:43:58 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	8.04	152	39470	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	163172	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	101682	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	273391	20.00	ng	0.00
75) Chrysene-d12	21.68	240	287304	20.00	ng	0.00
86) Perylene-d12	24.89	264	280976	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	324476	157.66	ng	0.00
7) Phenol-d6	7.20	99	443383	139.24	ng	0.00
23) Nitrobenzene-d5	9.20	82	297878	97.76	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	168591	138.58	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	644166	94.35	ng	0.00
78) Terphenyl-d14	20.02	244	1171936	107.26	ng	0.00

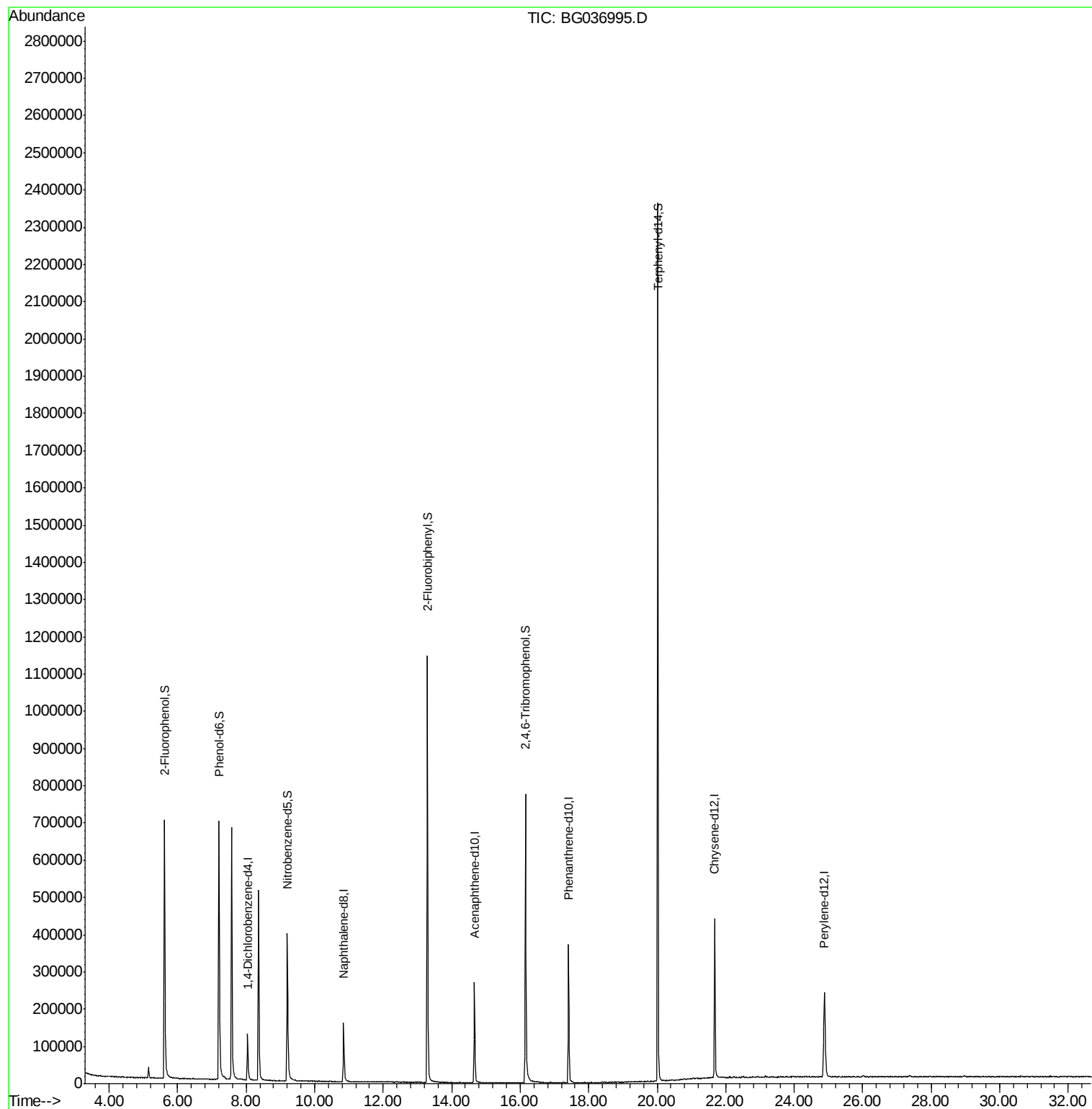
Target Compounds Qvalue

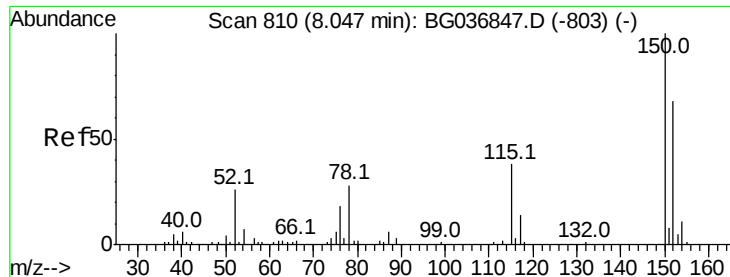
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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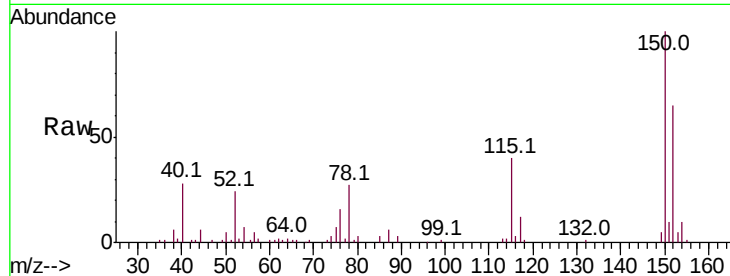


#1

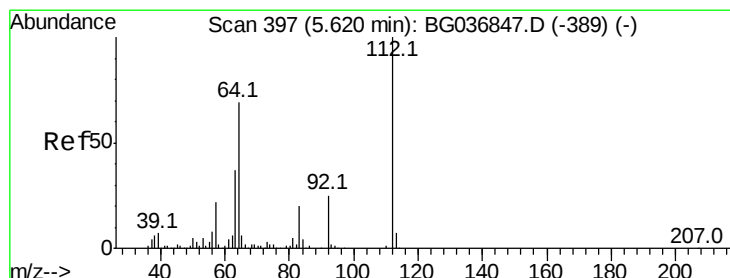
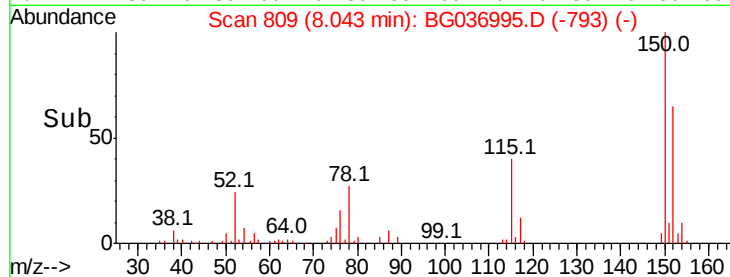
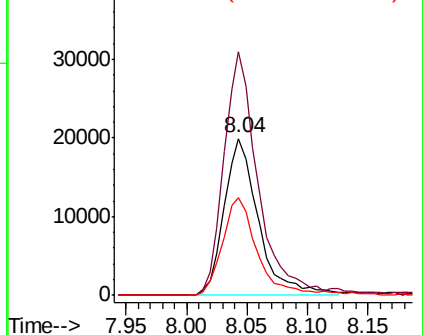
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036995.D
Acq: 26 Sep 2018 23:43

Instrument :
BNA_G
ClientSampleId :
PB113238BL

Tot Ion:152 Resp: 39470
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 61.8 44.5 66.7



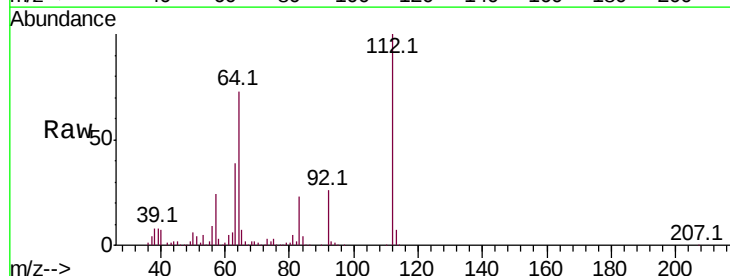
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



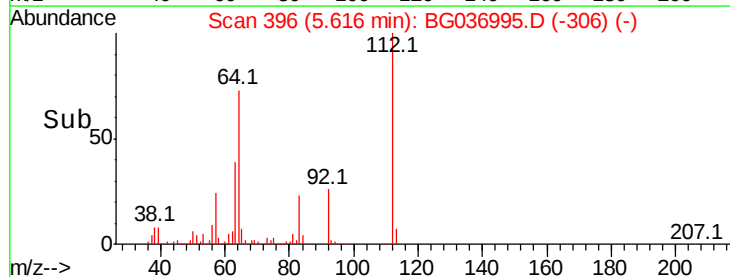
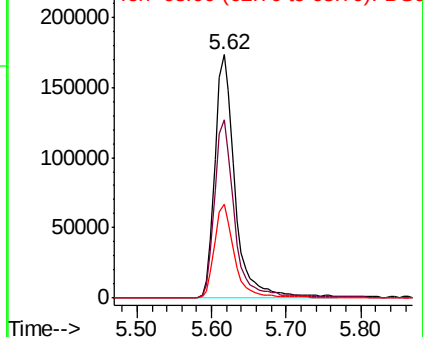
#5

2-Fluorophenol
Concen: 157.658 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036995.D
Acq: 26 Sep 2018 23:43

Tgt Ion:112 Resp: 324476
Ion Ratio Lower Upper
112 100
64 73.2 57.2 85.8
63 38.7 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: 139.243 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036995.D

Acq: 26 Sep 2018 23:43

Instrument :

BNA_G

ClientSampleId :

PB113238BL

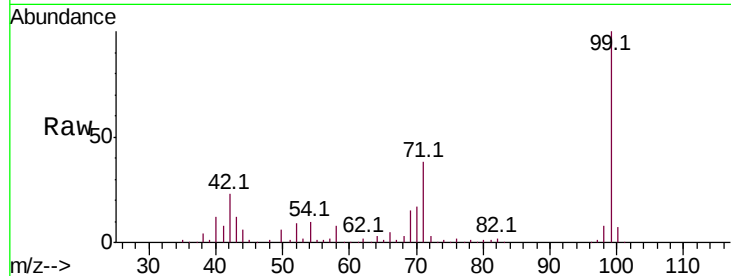
Tot Ion: 99 Resp: 443383

Ion Ratio Lower Upper

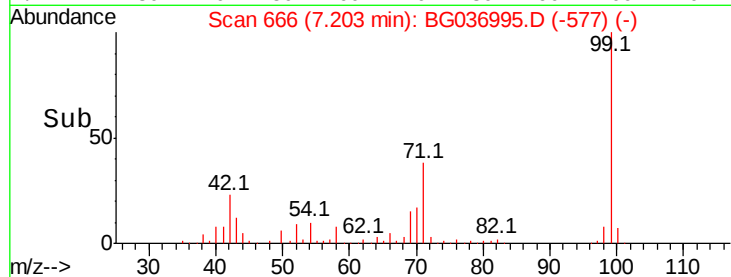
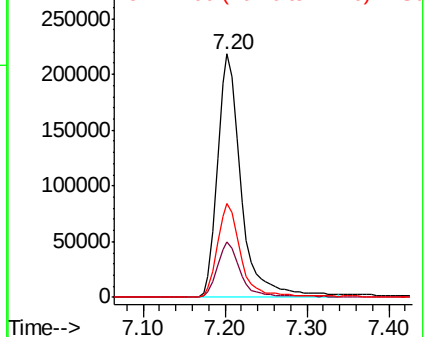
99 100

42 23.0 16.5 24.7

71 38.4 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# 1286

Delta R.T. -0.01 min

Lab File: BG036995.D

Acq: 26 Sep 2018 23:43

Tgt Ion: 136 Resp: 163172

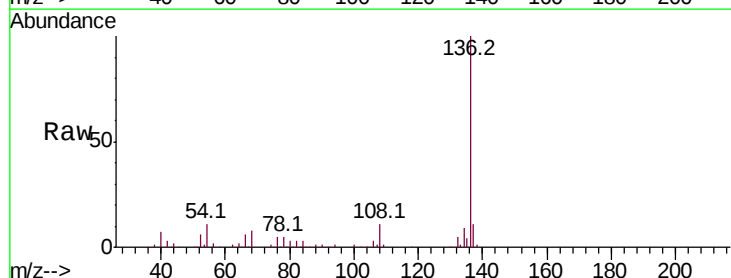
Ion Ratio Lower Upper

136 100

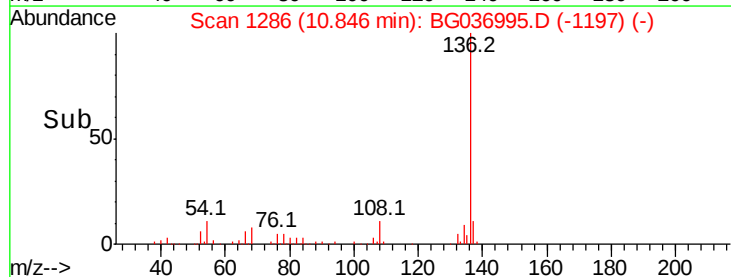
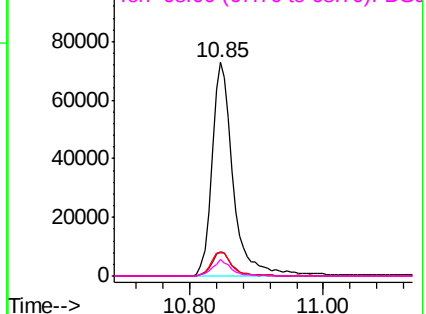
137 11.1 8.8 13.2

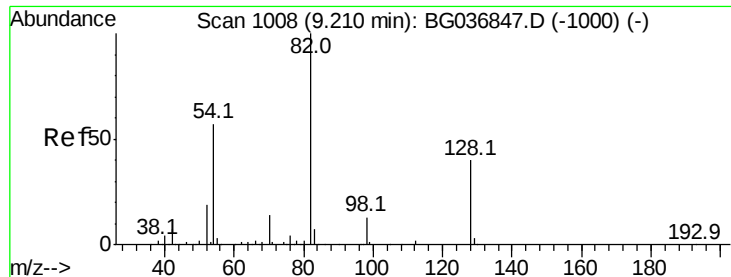
54 10.7 9.2 13.8

68 7.5 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

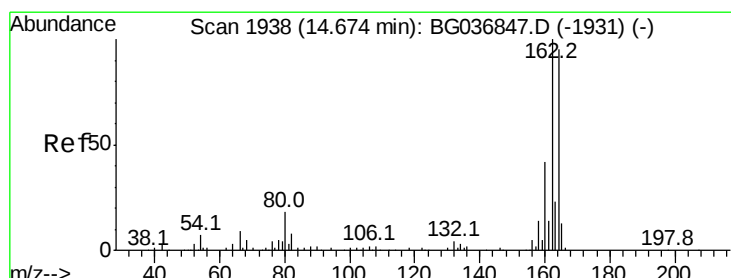
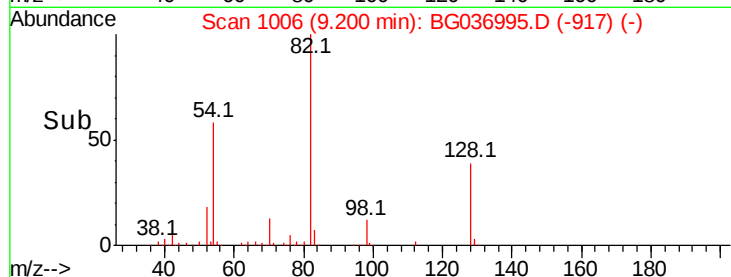
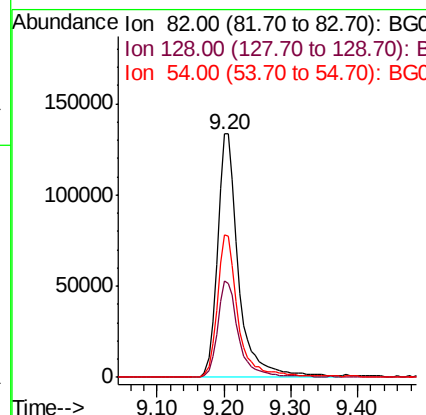
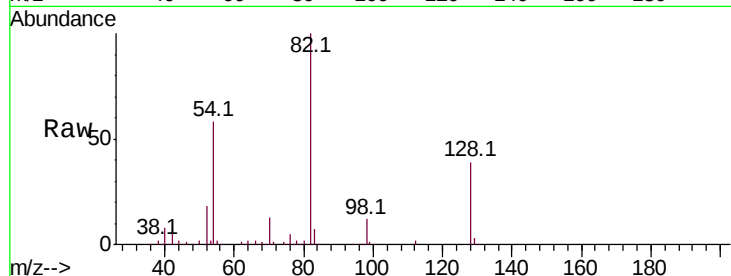




#23
Nitrobenzene-d5
Concen: 97.760 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG036995.D
Acq: 26 Sep 2018 23:43

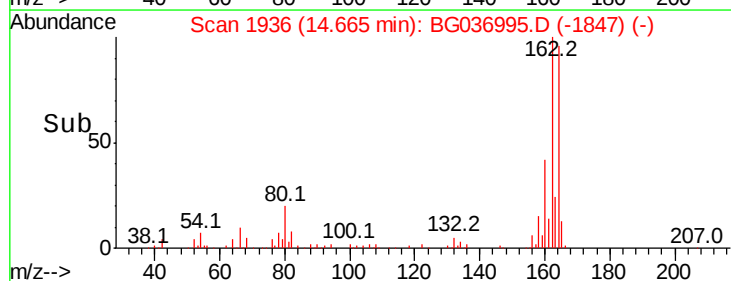
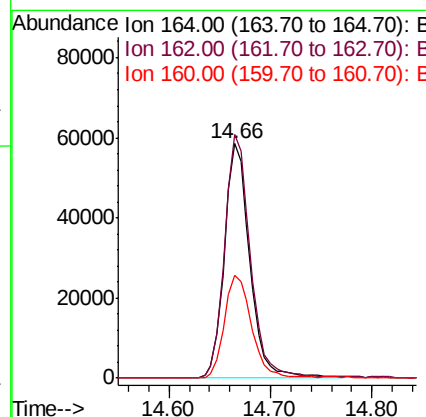
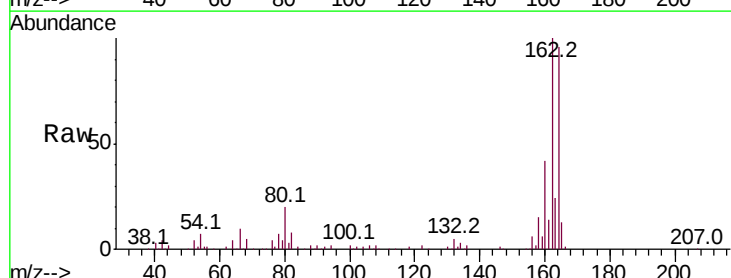
Instrument :
BNA_G
ClientSampleId :
PB113238BL

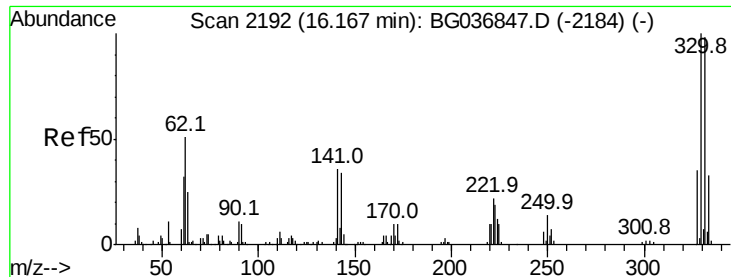
Tot Ion: 82 Resp: 297878
Ion Ratio Lower Upper
82 100
128 39.5 33.3 49.9
54 58.3 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG036995.D
Acq: 26 Sep 2018 23:43

Tgt Ion:164 Resp: 101682
Ion Ratio Lower Upper
164 100
162 104.0 80.7 121.1
160 44.1 35.3 52.9

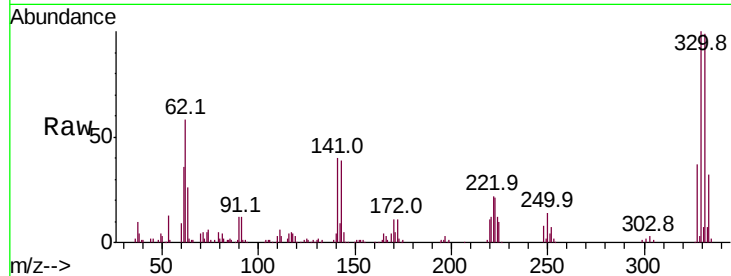




#41
 2,4,6-Tribromophenol
 Concen: 138.580 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036995.D
 Acq: 26 Sep 2018 23:43

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	39.5	30.7	46.1

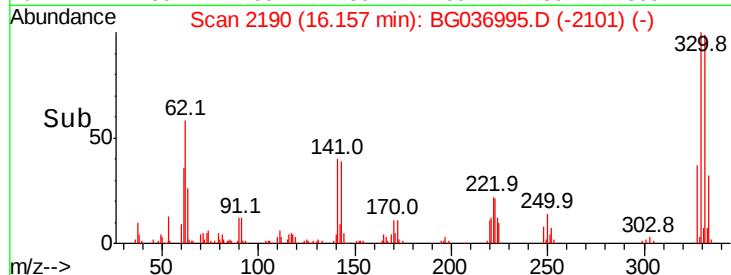
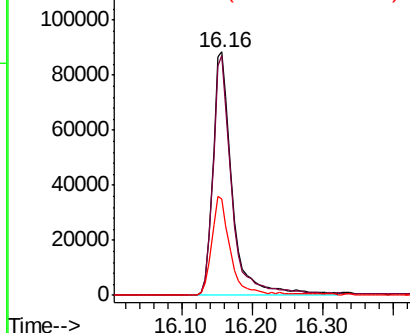


Abundance

Ion 329.80 (329.50 to 330.50): E

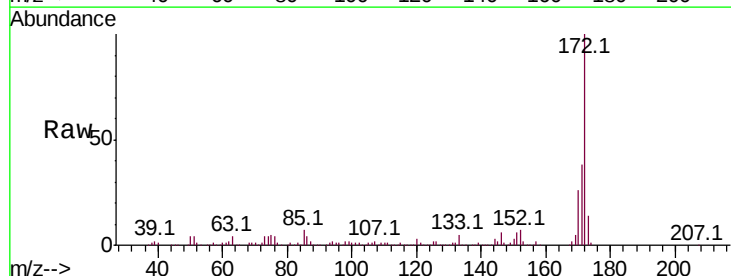
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.354 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036995.D
 Acq: 26 Sep 2018 23:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.6	21.0	31.6

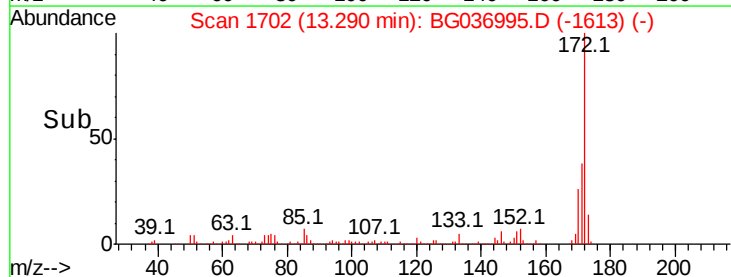
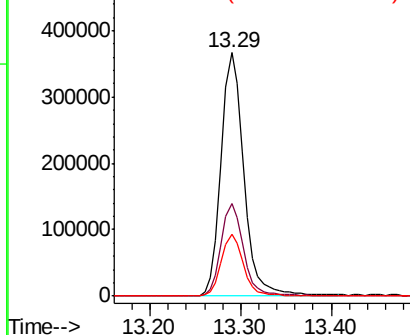


Abundance

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

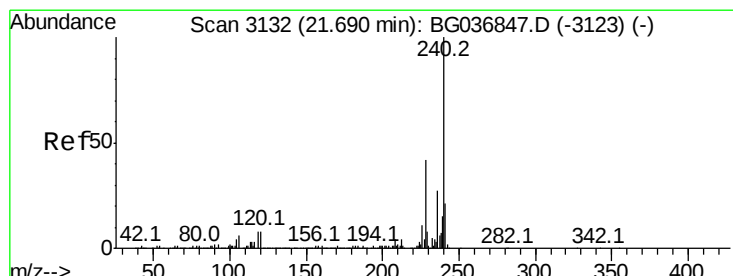
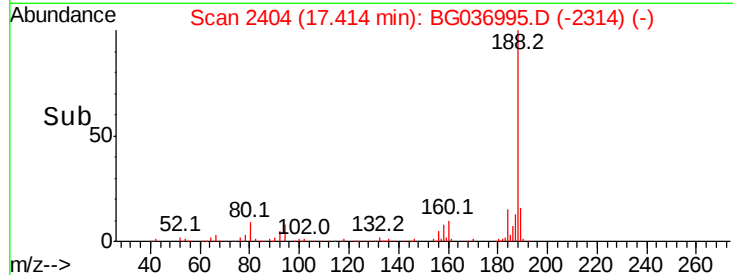
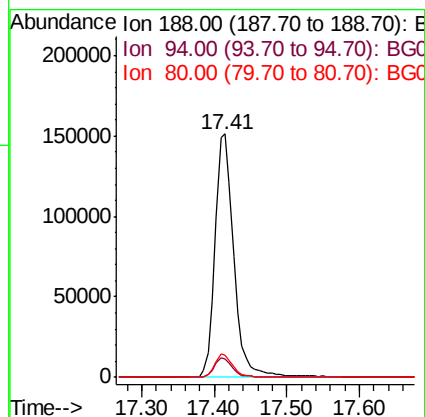
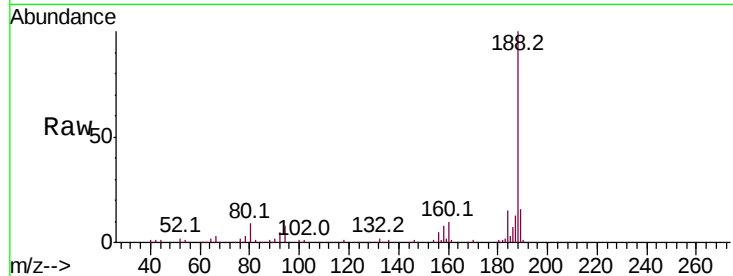




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036995.D
Acq: 26 Sep 2018 23:43

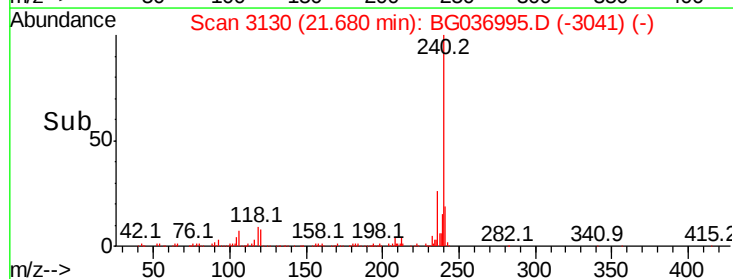
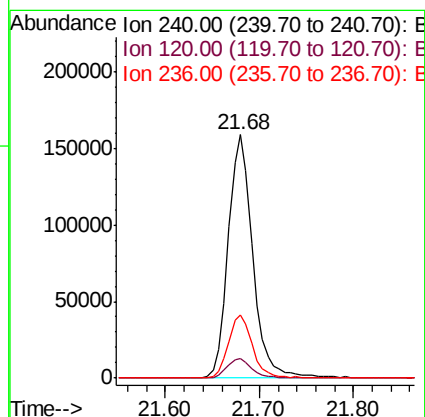
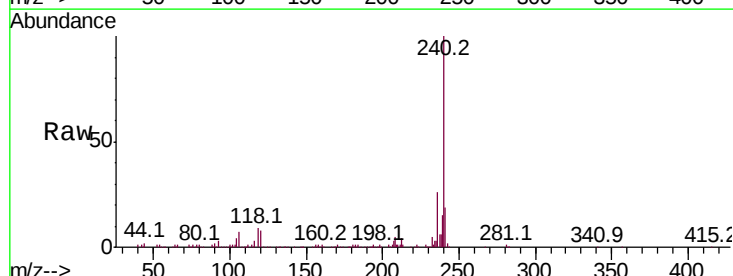
Instrument :
BNA_G
ClientSampleId :
PB113238BL

Tot Ion:188 Resp: 273391
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.1 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: BG036995.D
Acq: 26 Sep 2018 23:43

Tgt Ion:240 Resp: 287304
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.0 21.2 31.8





#78

Terphenyl-d14

Concen: 107.259 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036995.D

Acq: 26 Sep 2018 23:43

Instrument :

BNA_G

ClientSampleId :

PB113238BL

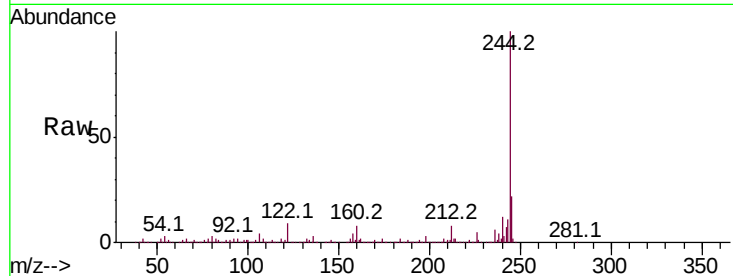
Tot Ion:244 Resp: 1171936

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.5 7.0 10.6

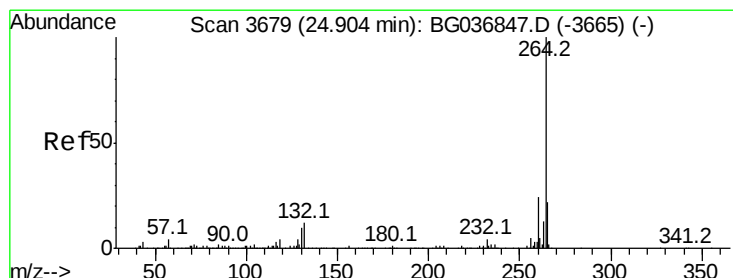
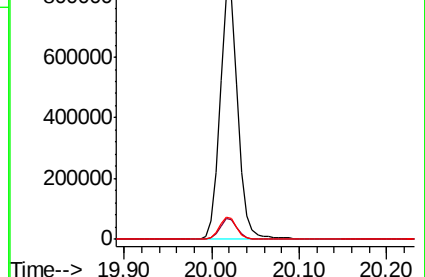
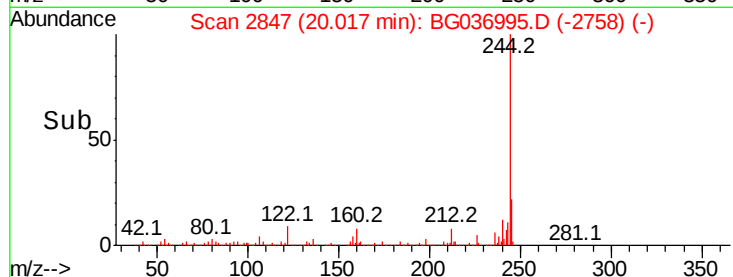
122 9.3 7.1 10.7



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: BG036995.D

Acq: 26 Sep 2018 23:43

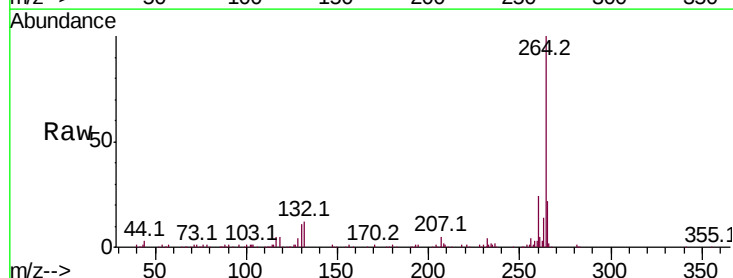
Tgt Ion:264 Resp: 280976

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.2	17.4	26.0

264 100

260 23.6 19.6 29.4

265 22.2 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

