

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036413.D
 Acq On : 24 Aug 2018 14:24
 Operator : JU/SJ
 Sample : PB112252BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112252BL

Quant Time: Aug 24 15:07:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53718	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	221534	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	145376	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	383732	20.00	ng	0.00
75) Chrysene-d12	21.70	240	443513	20.00	ng	-0.02
86) Perylene-d12	24.92	264	446985	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	366913	108.35	ng	0.00
7) Phenol-d6	7.22	99	508470	104.87	ng	0.00
23) Nitrobenzene-d5	9.23	82	295819	72.45	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	201760	116.31	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	726999	71.40	ng	0.00
78) Terphenyl-d14	20.04	244	1358558	71.60	ng	-0.02

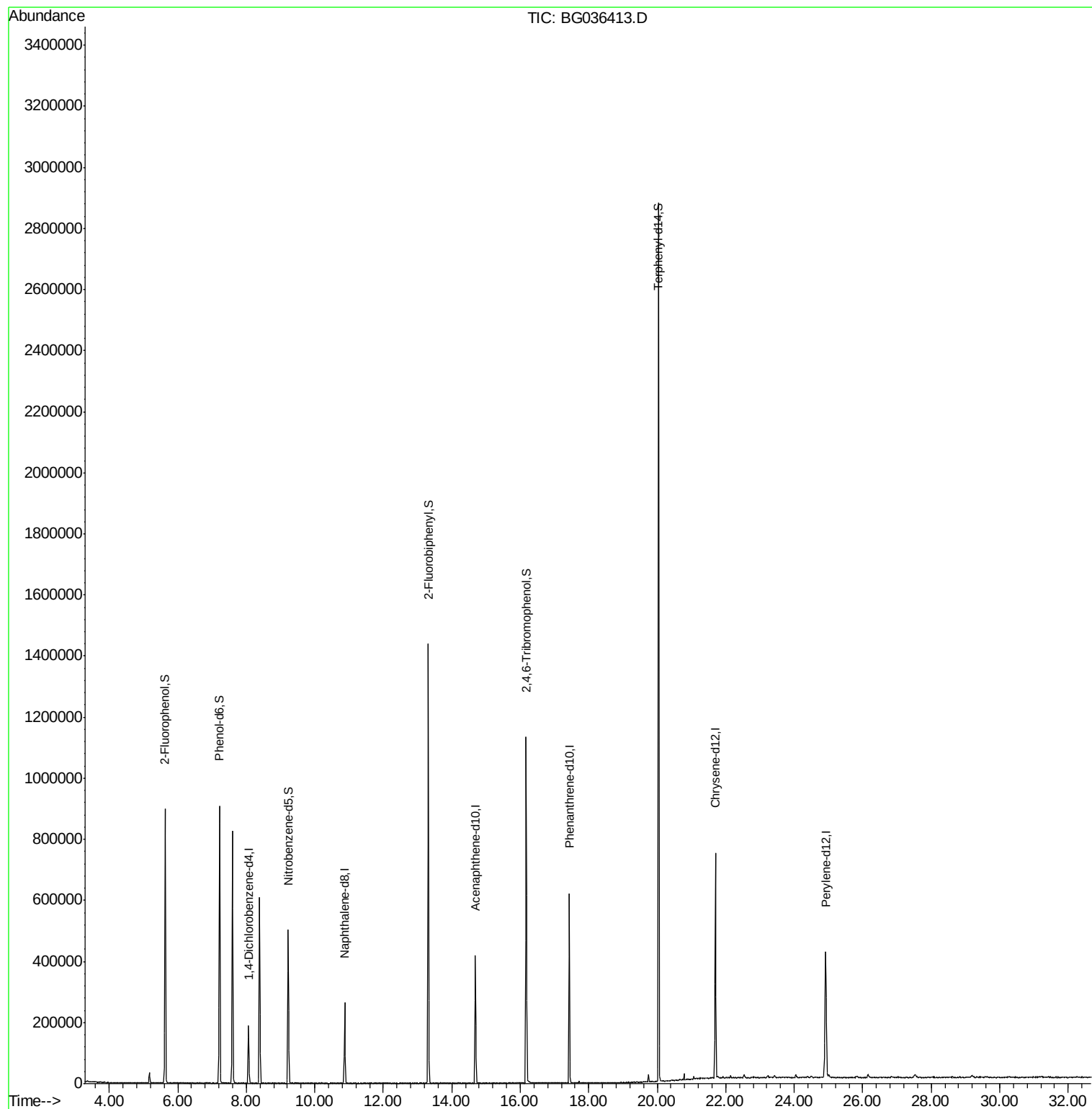
Target Compounds Qvalue

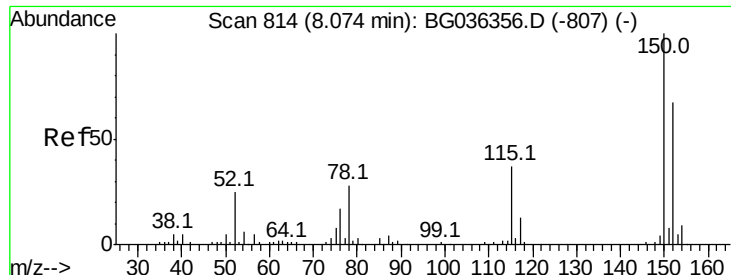
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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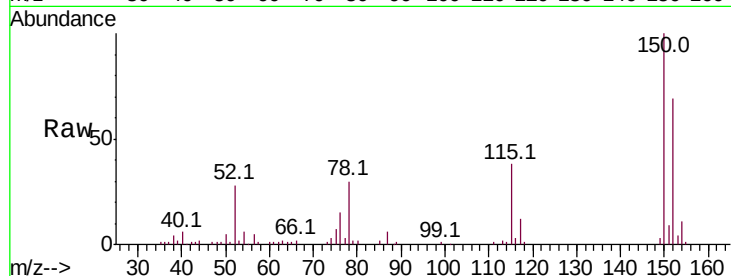


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036413.D
 Acq: 24 Aug 2018 14:24

Instrument :
 BNA_G
 ClientSampleId :
 PB112252BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	119.5	179.3
115	55.9	44.5	66.7

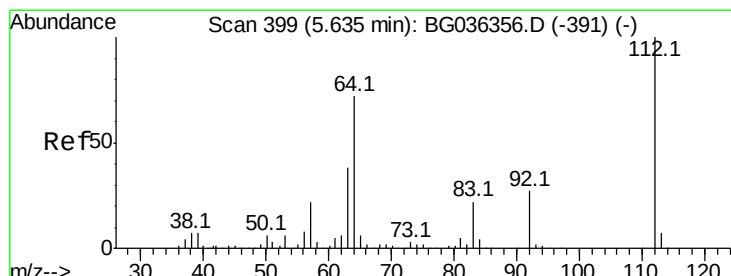
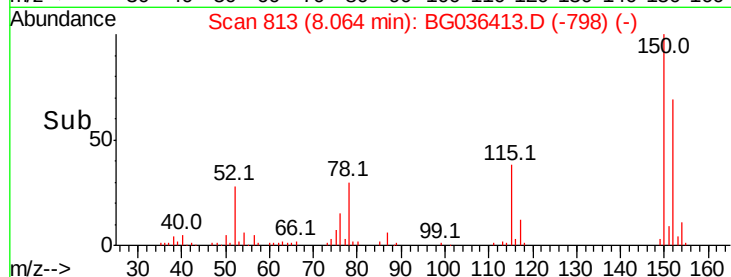
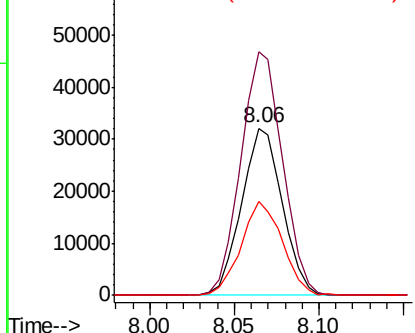


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

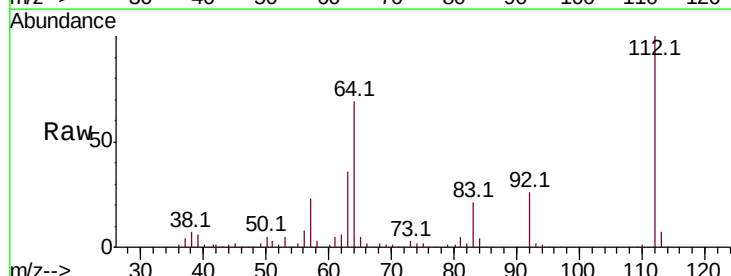
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 108.350 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036413.D
 Acq: 24 Aug 2018 14:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	57.2	85.8
63	35.7	30.8	46.2

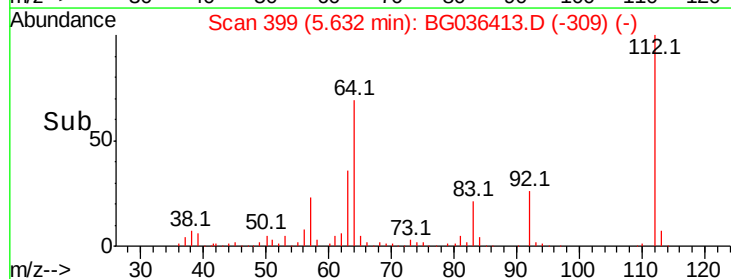
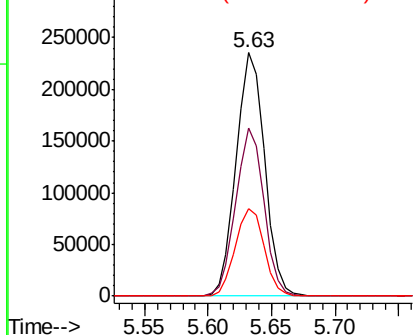


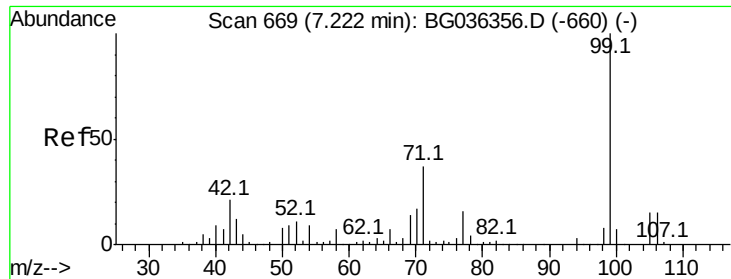
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.872 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036413.D

Acq: 24 Aug 2018 14:24

Instrument :

BNA_G

ClientSampleId :

PB112252BL

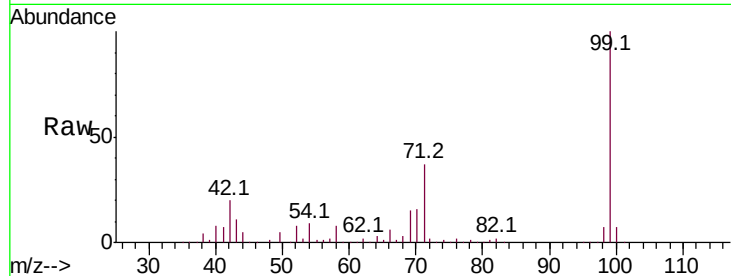
Tot Ion: 99 Resp: 508470

Ion Ratio Lower Upper

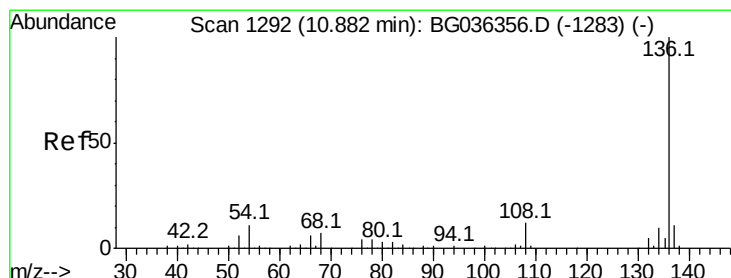
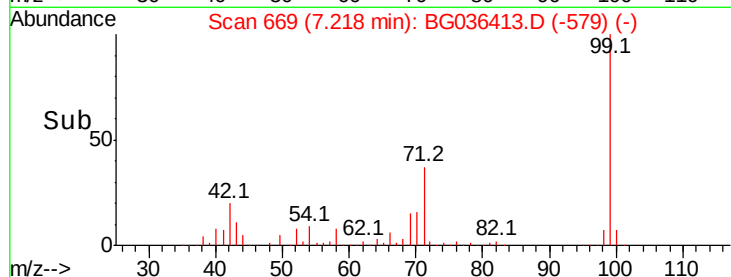
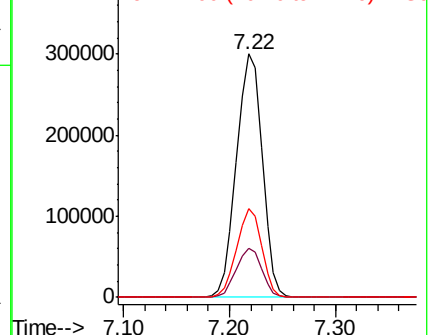
99 100

42 20.3 16.5 24.7

71 36.6 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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036413.D

Acq: 24 Aug 2018 14:24

Tgt Ion: 136 Resp: 221534

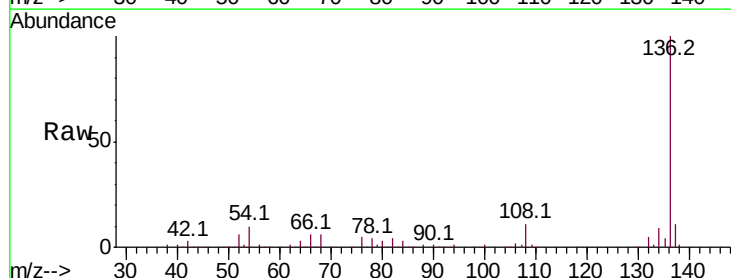
Ion Ratio Lower Upper

136 100

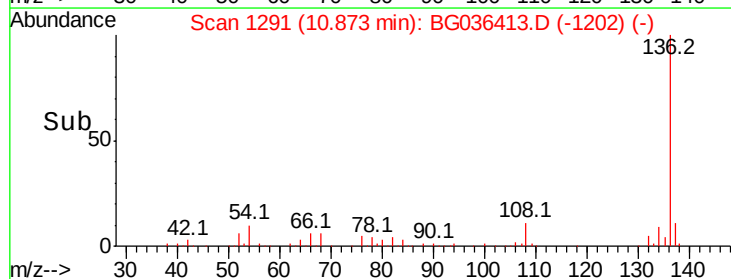
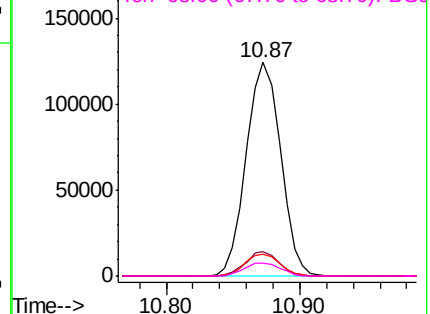
137 11.3 8.8 13.2

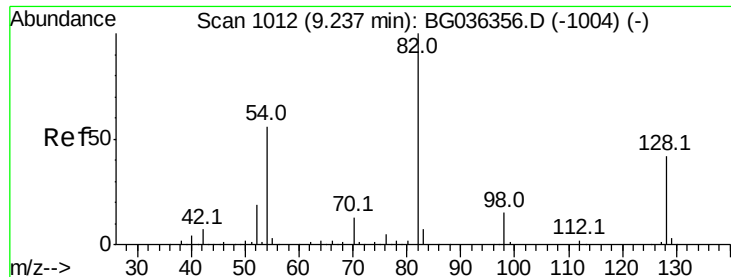
54 10.1 9.2 13.8

68 6.2 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: 72.450 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG036413.D

Acq: 24 Aug 2018 14:24

Instrument :

BNA_G

ClientSampleId :

PB112252BL

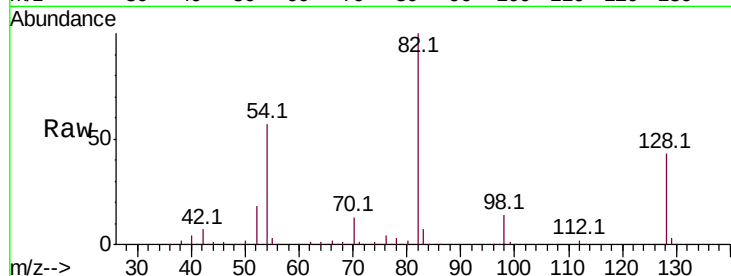
Tot Ion: 82 Resp: 295819

Ion Ratio Lower Upper

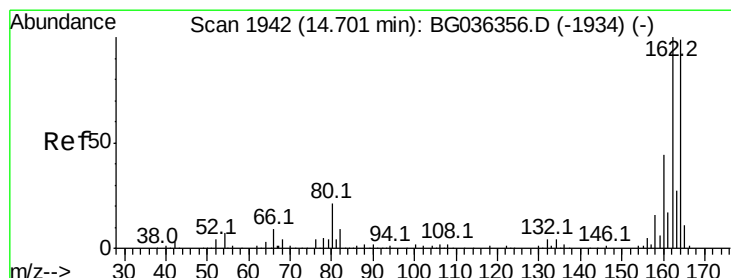
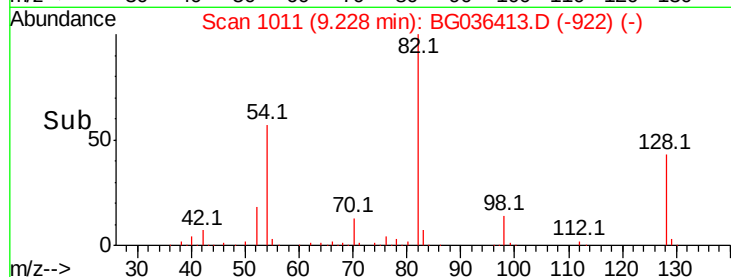
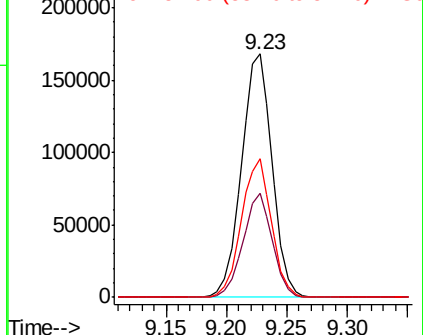
82 100

128 42.7 33.3 49.9

54 57.0 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG036413.D

Acq: 24 Aug 2018 14:24

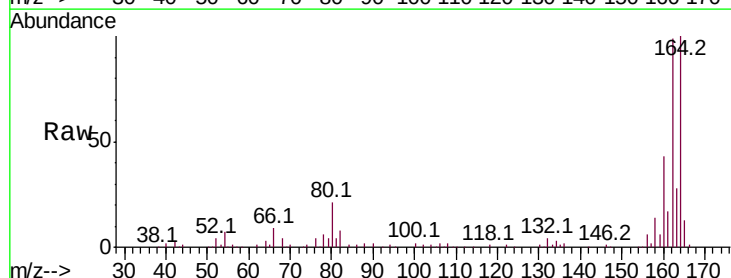
Tgt Ion:164 Resp: 145376

Ion Ratio Lower Upper

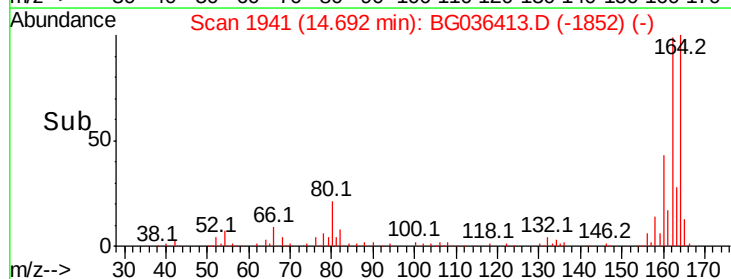
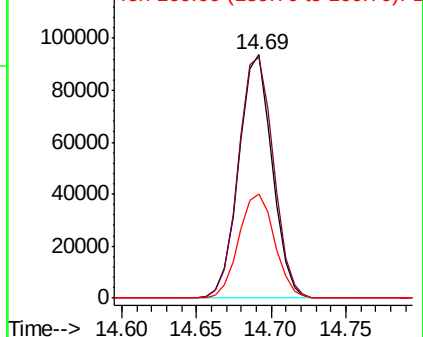
164 100

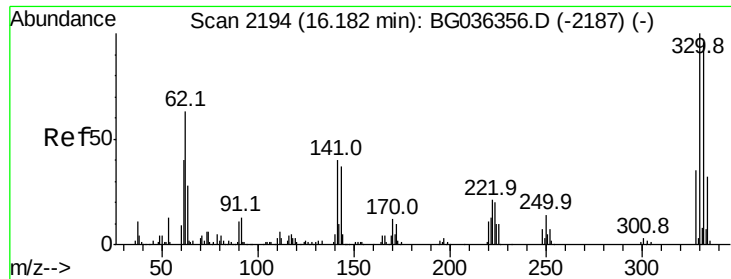
162 98.9 80.7 121.1

160 42.8 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

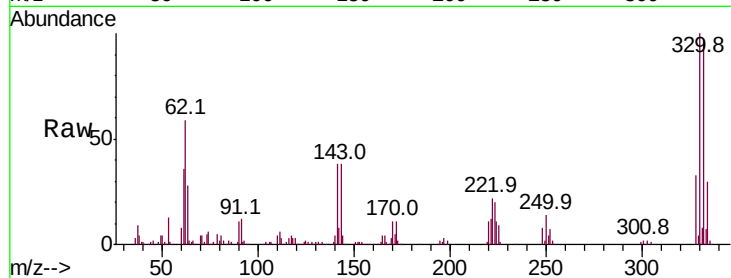




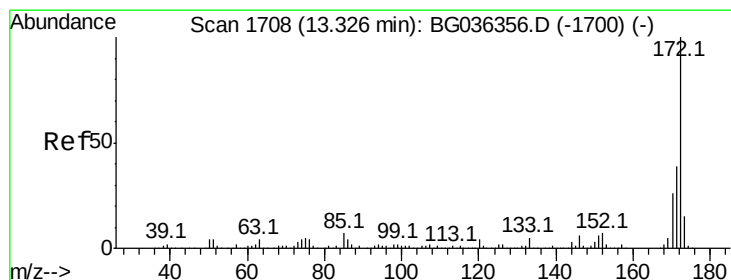
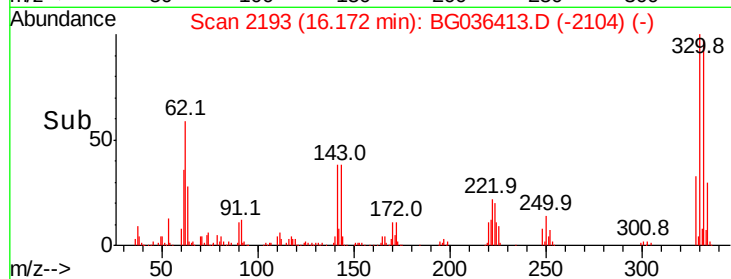
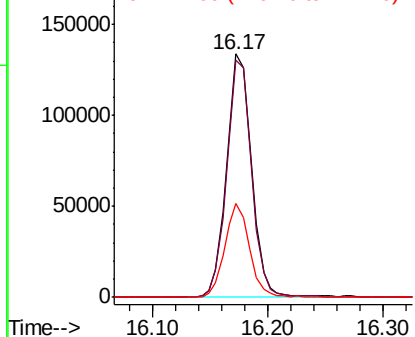
#41
 2,4,6-Tribromophenol
 Concen: 116.311 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036413.D
 Acq: 24 Aug 2018 14:24

Instrument :
 BNA_G
 ClientSampleId :
 PB112252BL

Tot Ion:330 Resp: 201760
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.2
 141 37.7 30.7 46.1

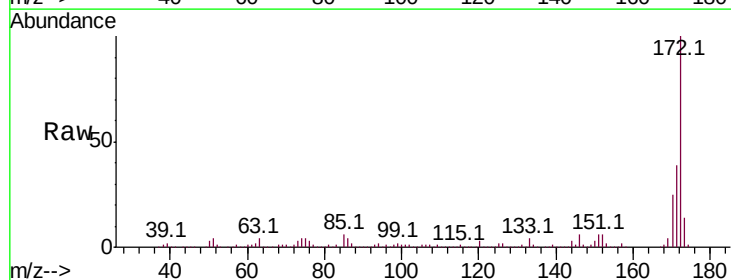


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

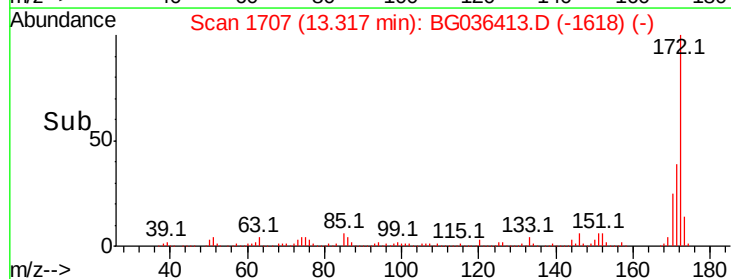
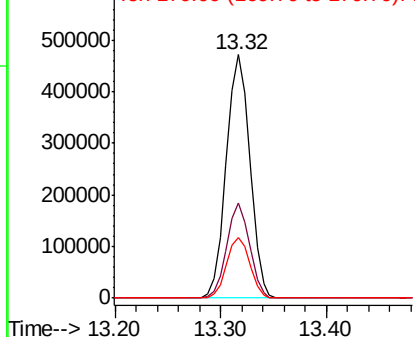


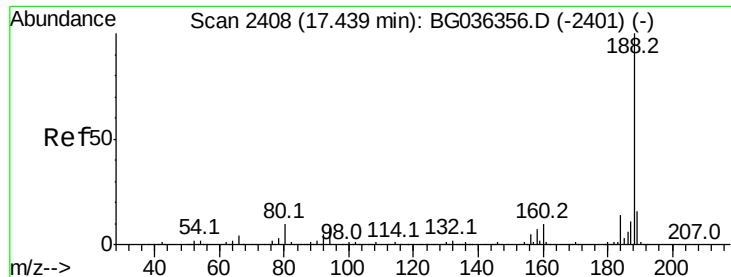
#44
 2-Fluorobiphenyl
 Concen: 71.403 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036413.D
 Acq: 24 Aug 2018 14:24

Tgt Ion:172 Resp: 726999
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.3 46.9
 170 24.8 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

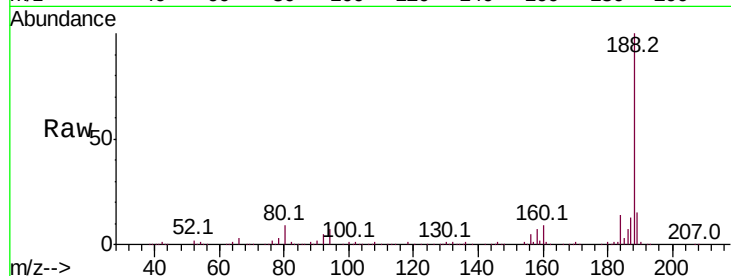




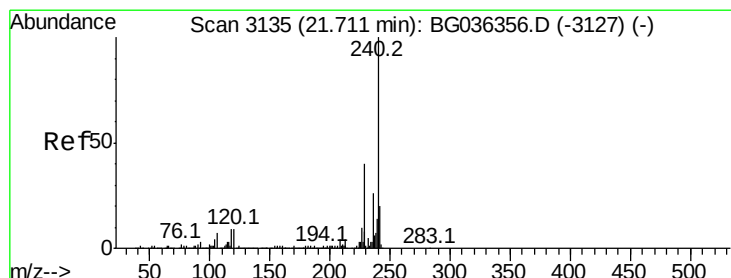
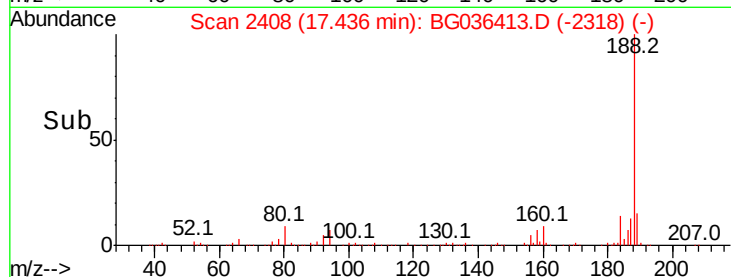
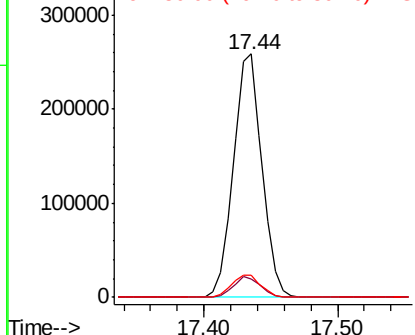
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036413.D
Acq: 24 Aug 2018 14:24

Instrument :
BNA_G
ClientSampleId :
PB112252BL

Tot Ion:188 Resp: 383732
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.3 8.1 12.1

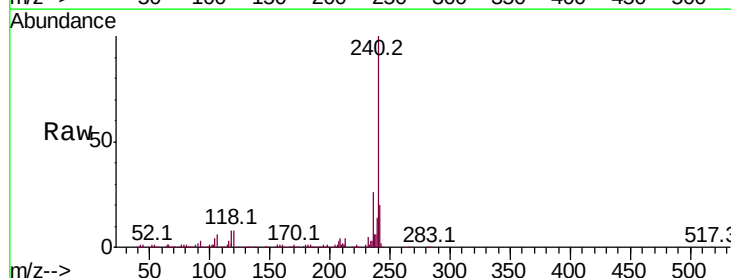


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

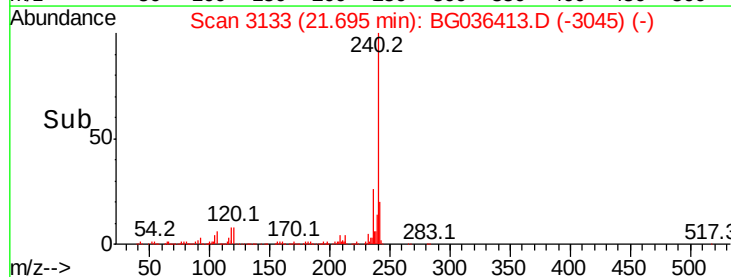
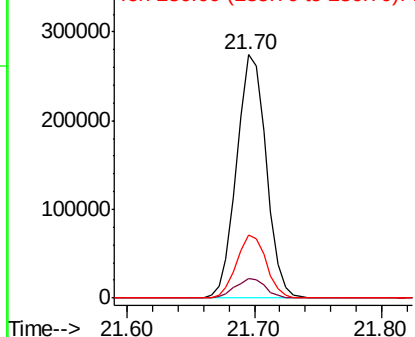


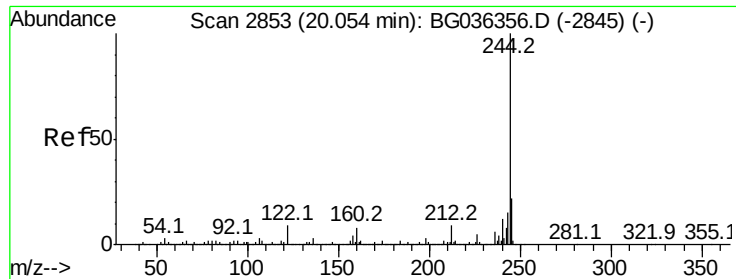
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG036413.D
Acq: 24 Aug 2018 14:24

Tgt Ion:240 Resp: 443513
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



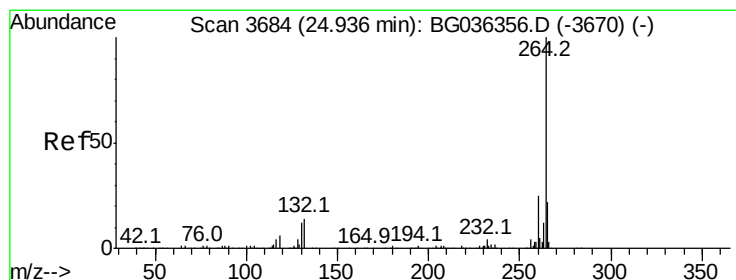
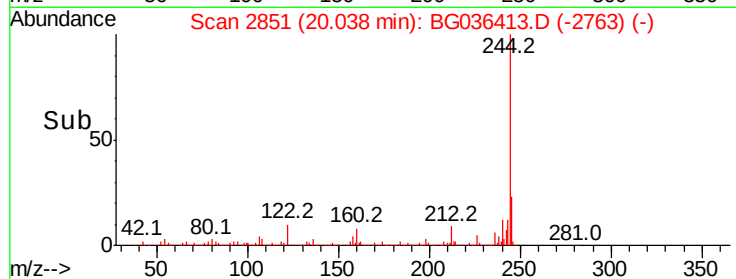
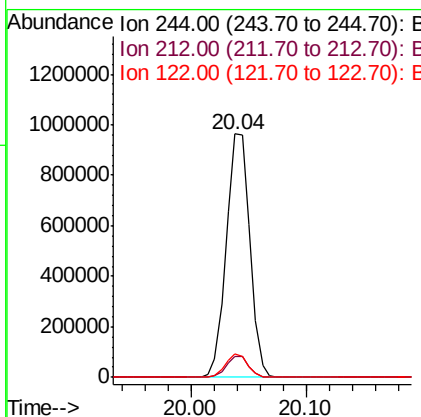
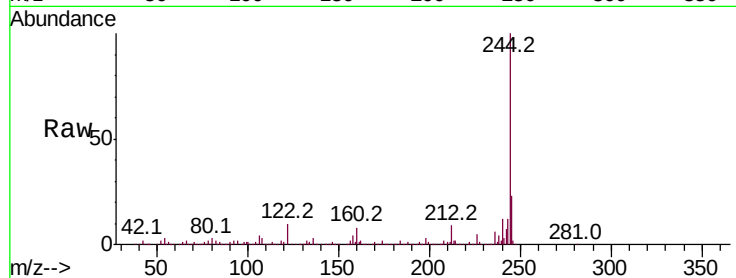


#78
 Terphenyl-d14
 Concen: 71.597 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.02 min
 Lab File: BG036413.D
 Acq: 24 Aug 2018 14:24

Instrument :
 BNA_G
 ClientSampleId :
 PB112252BL

Tot Ion:244 Resp: 1358558

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036413.D
 Acq: 24 Aug 2018 14:24

Tgt Ion:264 Resp: 446985

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.6	29.4
265	21.2	17.4	26.0

