

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036640.D
 Acq On : 11 Sep 2018 00:51
 Operator : JU/SJ
 Sample : PB112736BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112736BL

Quant Time: Sep 11 03:23:06 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	8.05	152	53125	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	226212	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	156889	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	399411	20.00	ng	0.00
75) Chrysene-d12	21.68	240	412484	20.00	ng	-0.01
86) Perylene-d12	24.90	264	329399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	425956	127.19	ng	0.00
7) Phenol-d6	7.21	99	614244	128.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	368755	88.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	216911	115.87	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	922365	83.94	ng	-0.01
78) Terphenyl-d14	20.03	244	1549809	87.82	ng	0.00

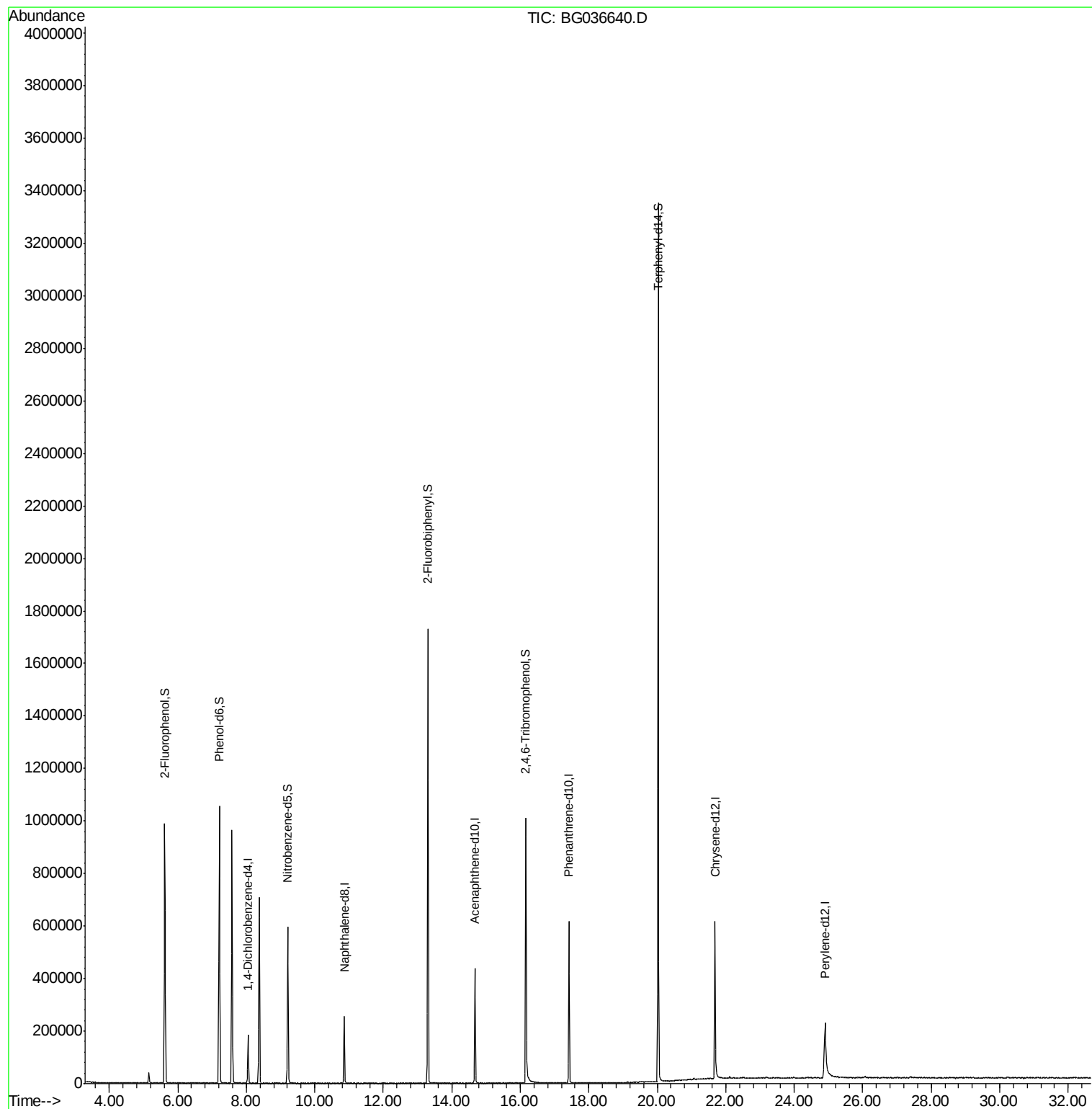
Target Compounds Qvalue

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

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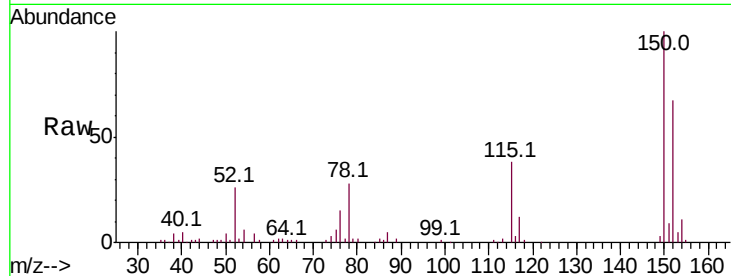


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112736BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	119.5	179.3
115	57.0	44.5	66.7

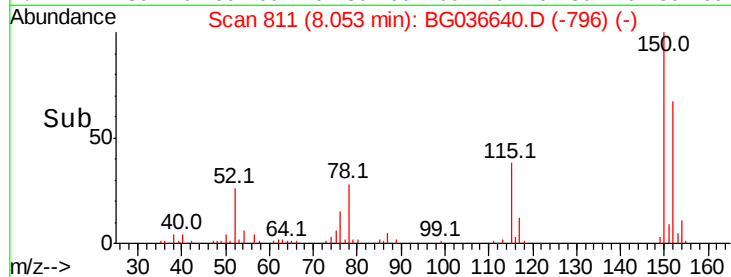
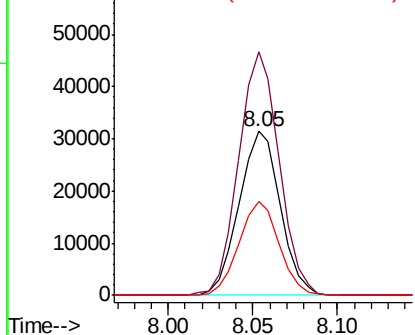


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

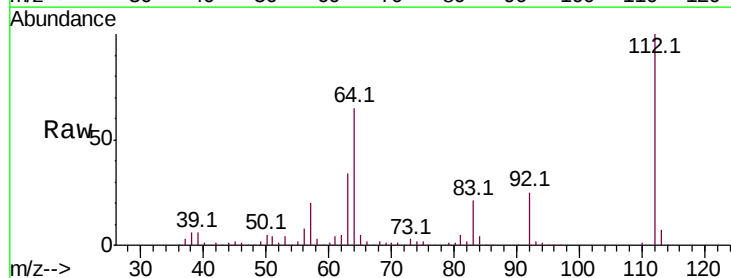
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 127.189 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	57.2	85.8
63	33.6	30.8	46.2

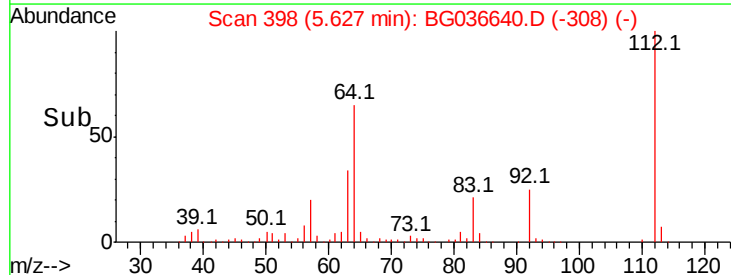
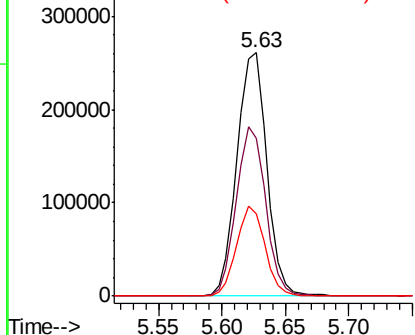


Abundance

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: 128.103 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

Instrument :

BNA_G

ClientSampleId :

PB112736BL

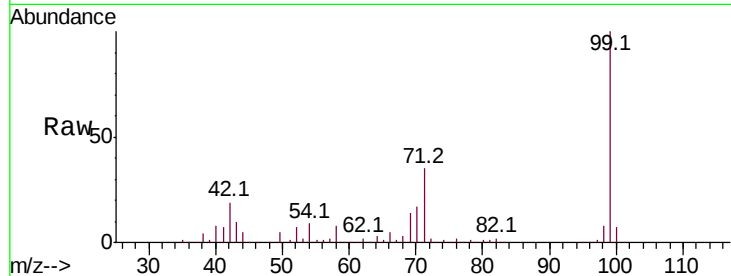
Tot Ion: 99 Resp: 614244

Ion Ratio Lower Upper

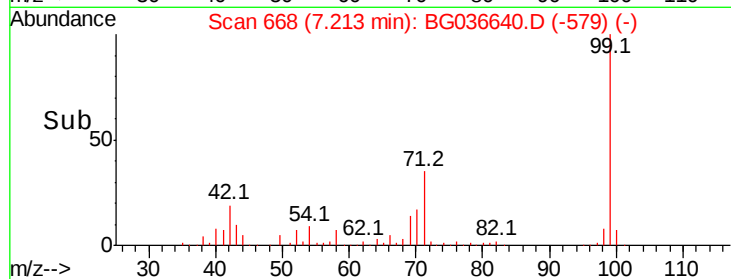
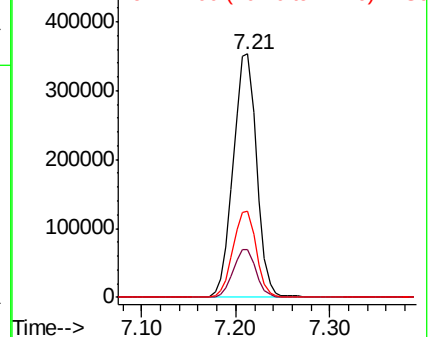
99 100

42 19.5 16.5 24.7

71 35.2 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. -0.00 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

Tgt Ion: 136 Resp: 226212

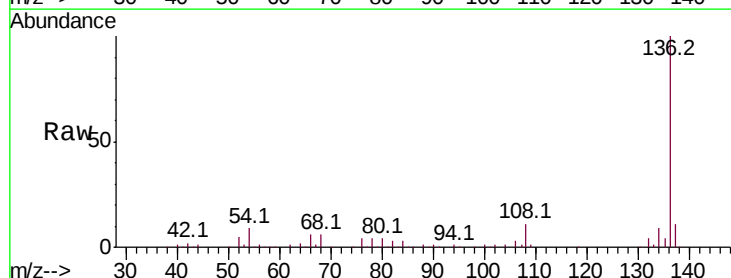
Ion Ratio Lower Upper

136 100

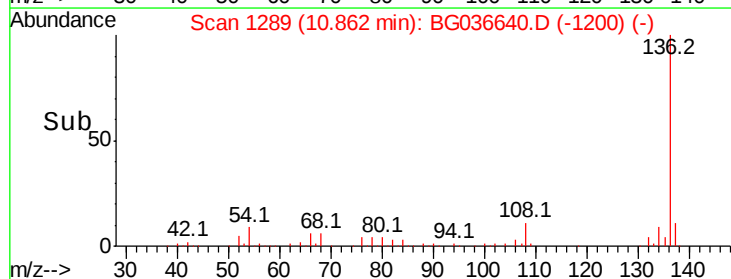
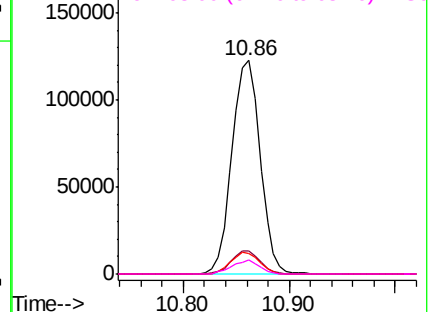
137 10.9 8.8 13.2

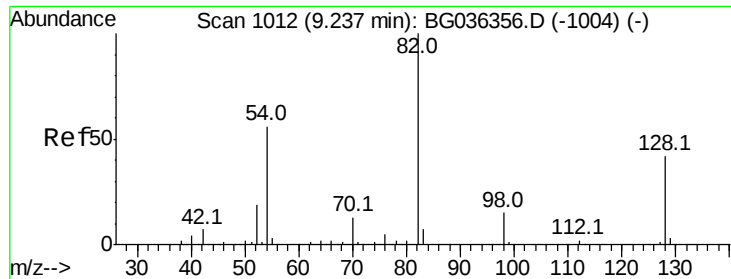
54 9.4 9.2 13.8

68 6.4 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

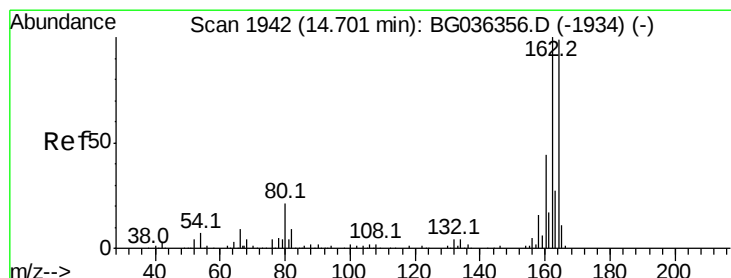
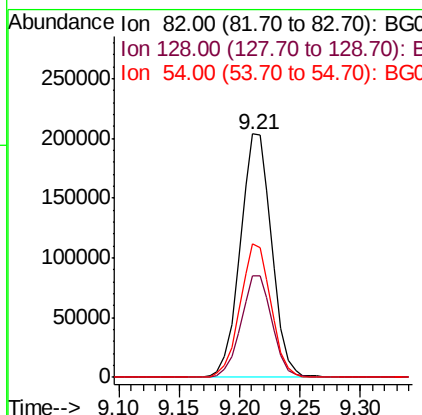
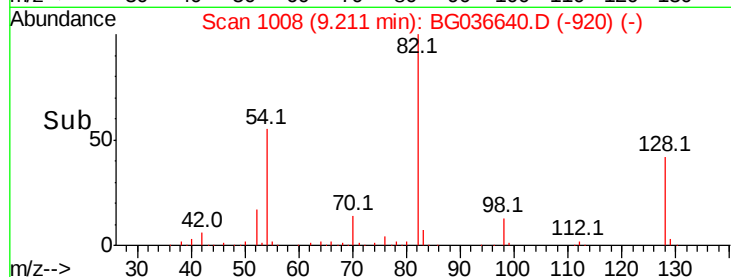
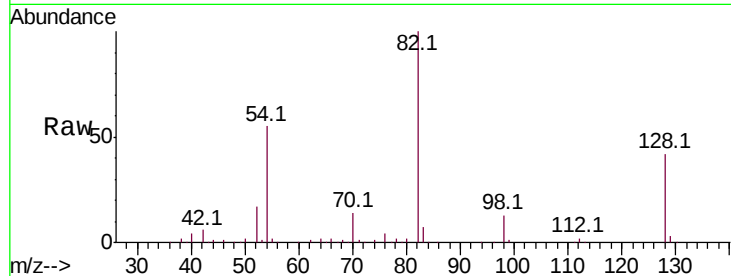




#23
Nitrobenzene-d5
Concen: 88.445 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036640.D
Acq: 11 Sep 2018 00:51

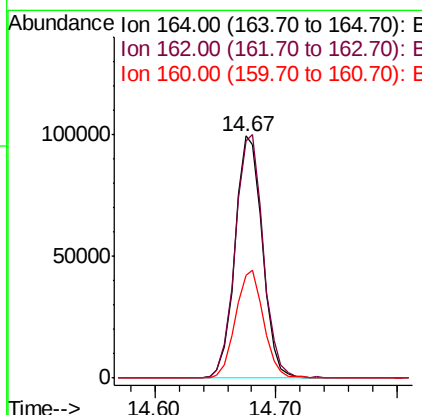
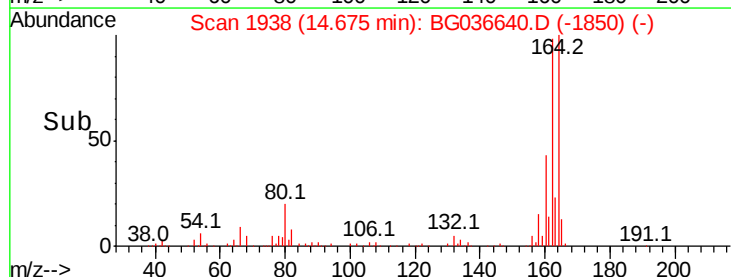
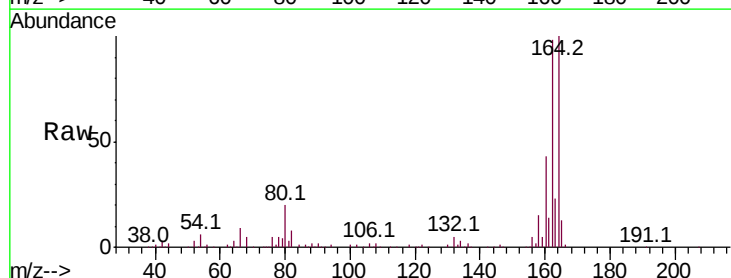
Instrument :
BNA_G
ClientSampleId :
PB112736BL

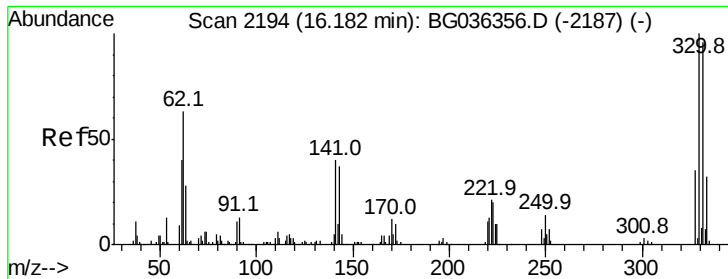
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	54.6	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036640.D
Acq: 11 Sep 2018 00:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.7	121.1
160	42.7	35.3	52.9

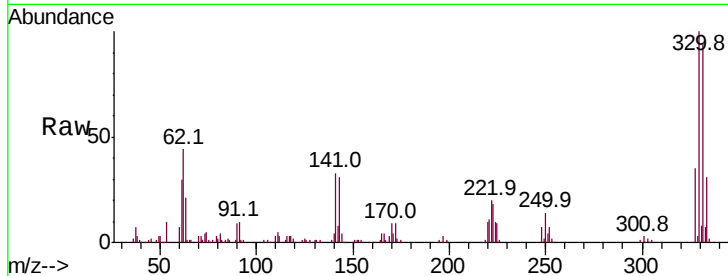




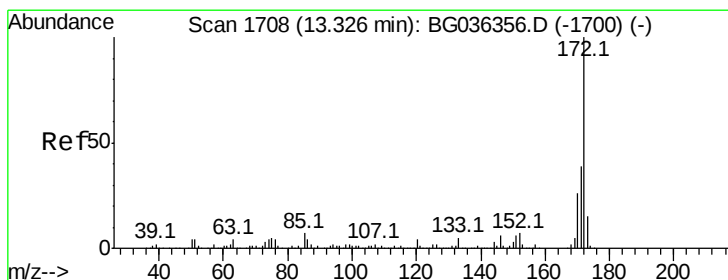
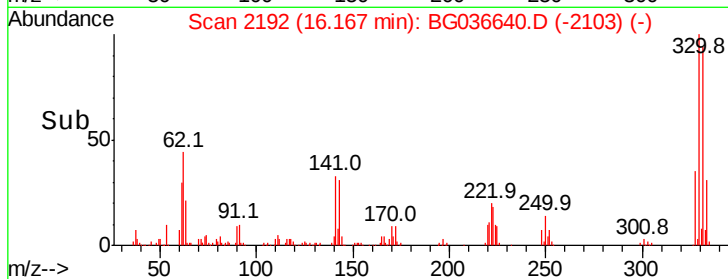
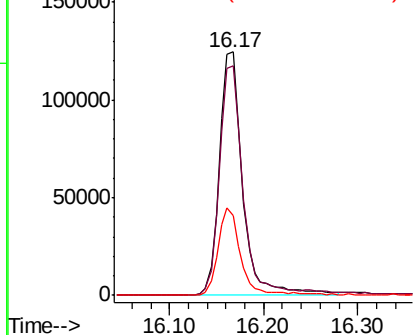
#41
 2,4,6-Tribromophenol
 Concen: 115.869 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112736BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.4	113.2
141	34.3	30.7	46.1

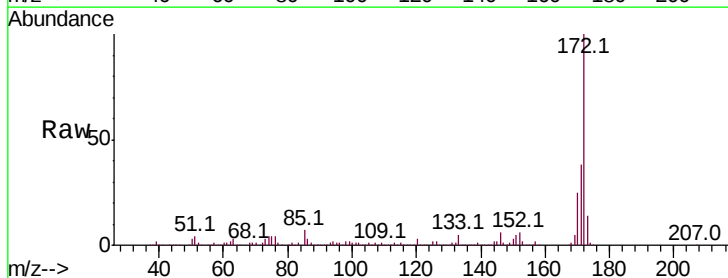


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

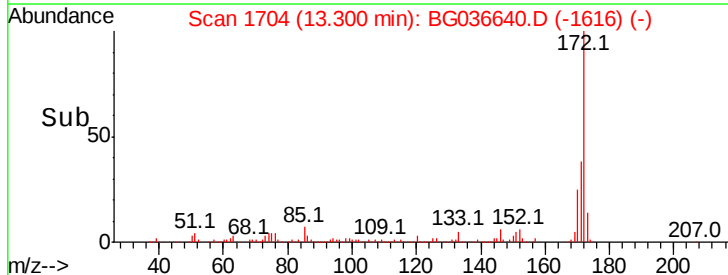
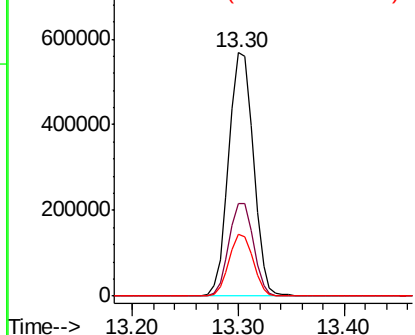


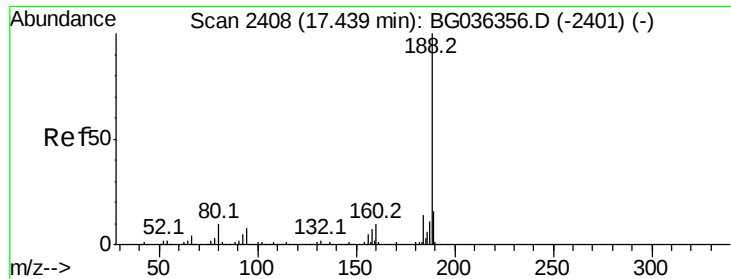
#44
 2-Fluorobiphenyl
 Concen: 83.943 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.4	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

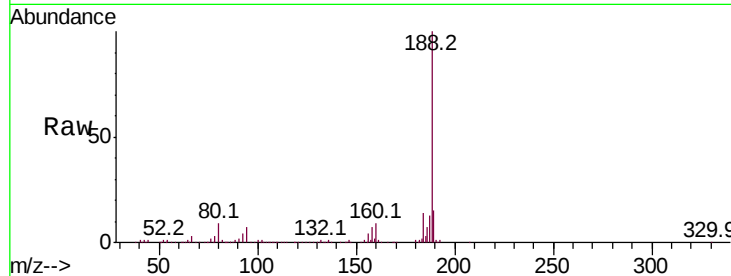




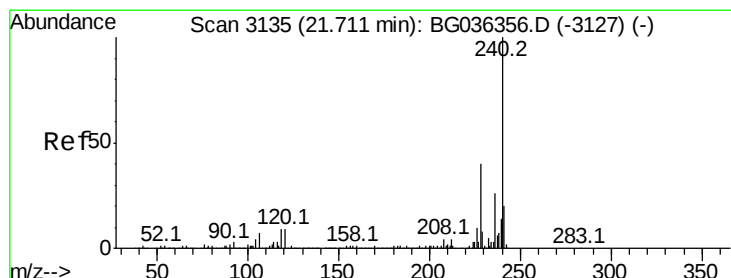
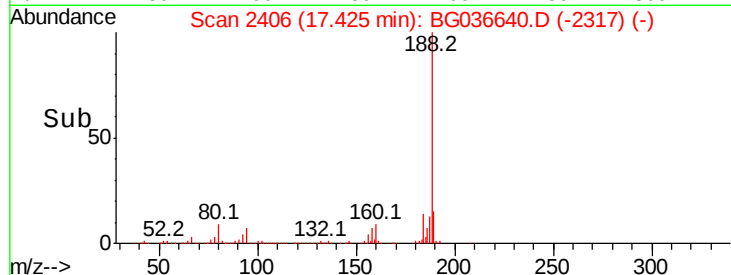
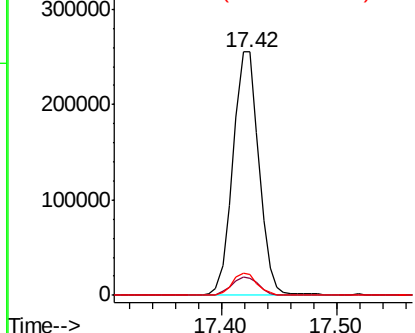
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036640.D
Acq: 11 Sep 2018 00:51

Instrument :
BNA_G
ClientSampleId :
PB112736BL

Tot Ion:188 Resp: 399411
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.5 8.1 12.1

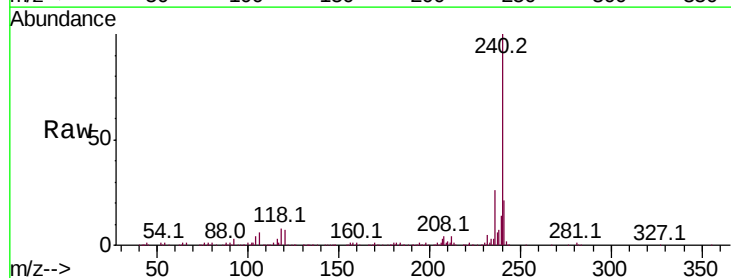


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

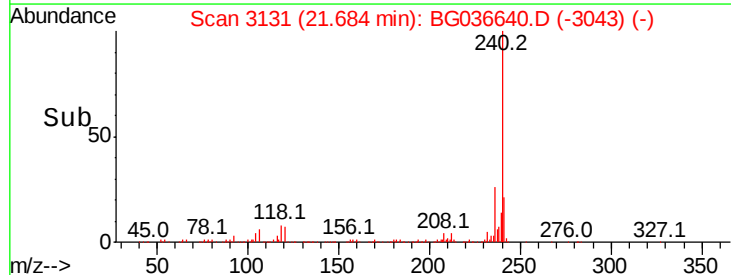
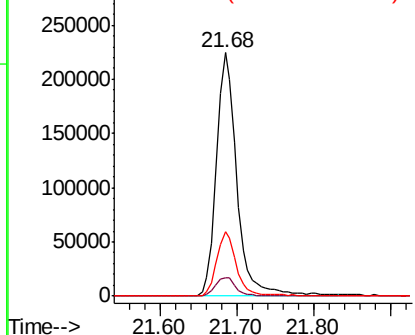


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036640.D
Acq: 11 Sep 2018 00:51

Tgt Ion:240 Resp: 412484
Ion Ratio Lower Upper
240 100
120 7.4 6.9 10.3
236 26.4 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



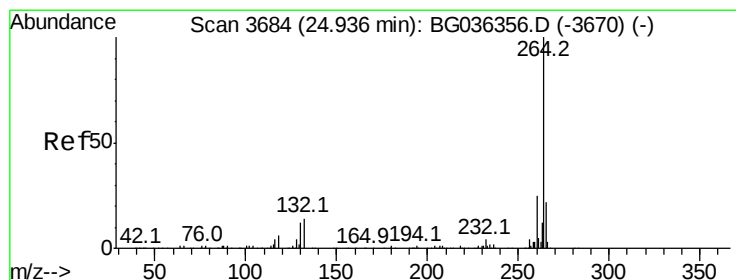
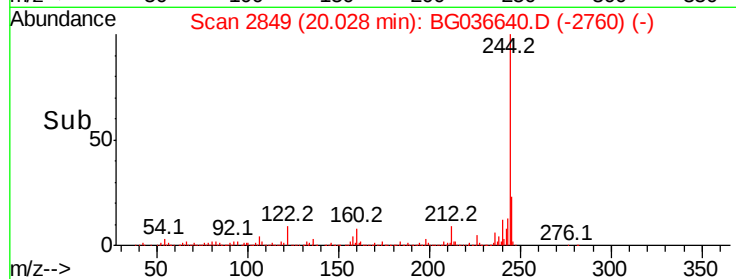
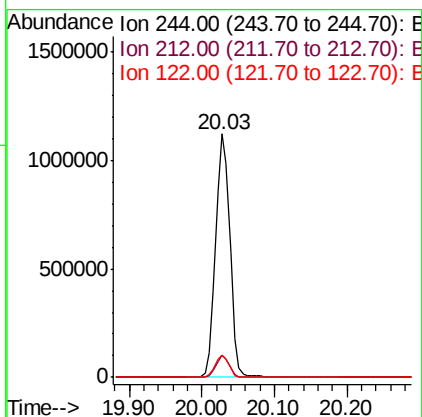
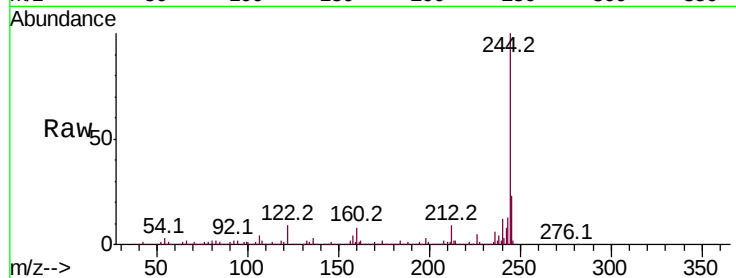


#78
 Terphenyl-d14
 Concen: 87.820 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

Instrument :
 BNA_G
 ClientSampleID :
 PB112736BL

Tot Ion:244 Resp: 1549809

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

Tgt Ion:264 Resp: 329399

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	20.4	17.4	26.0

