

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036619.D
 Acq On : 8 Sep 2018 6:02
 Operator : JU/SJ
 Sample : J4775-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-090618-B

Quant Time: Sep 08 06:48:38 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	54063	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	228055	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	156910	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	394328	20.00	ng	0.00
75) Chrysene-d12	21.69	240	415437	20.00	ng	0.00
86) Perylene-d12	24.90	264	362619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	347359	101.92	ng	0.00
7) Phenol-d6	7.21	99	461301	94.54	ng	0.00
23) Nitrobenzene-d5	9.22	82	355320	84.53	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	188227	100.53	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	835303	76.01	ng	0.00
78) Terphenyl-d14	20.03	244	1424428	80.14	ng	0.00

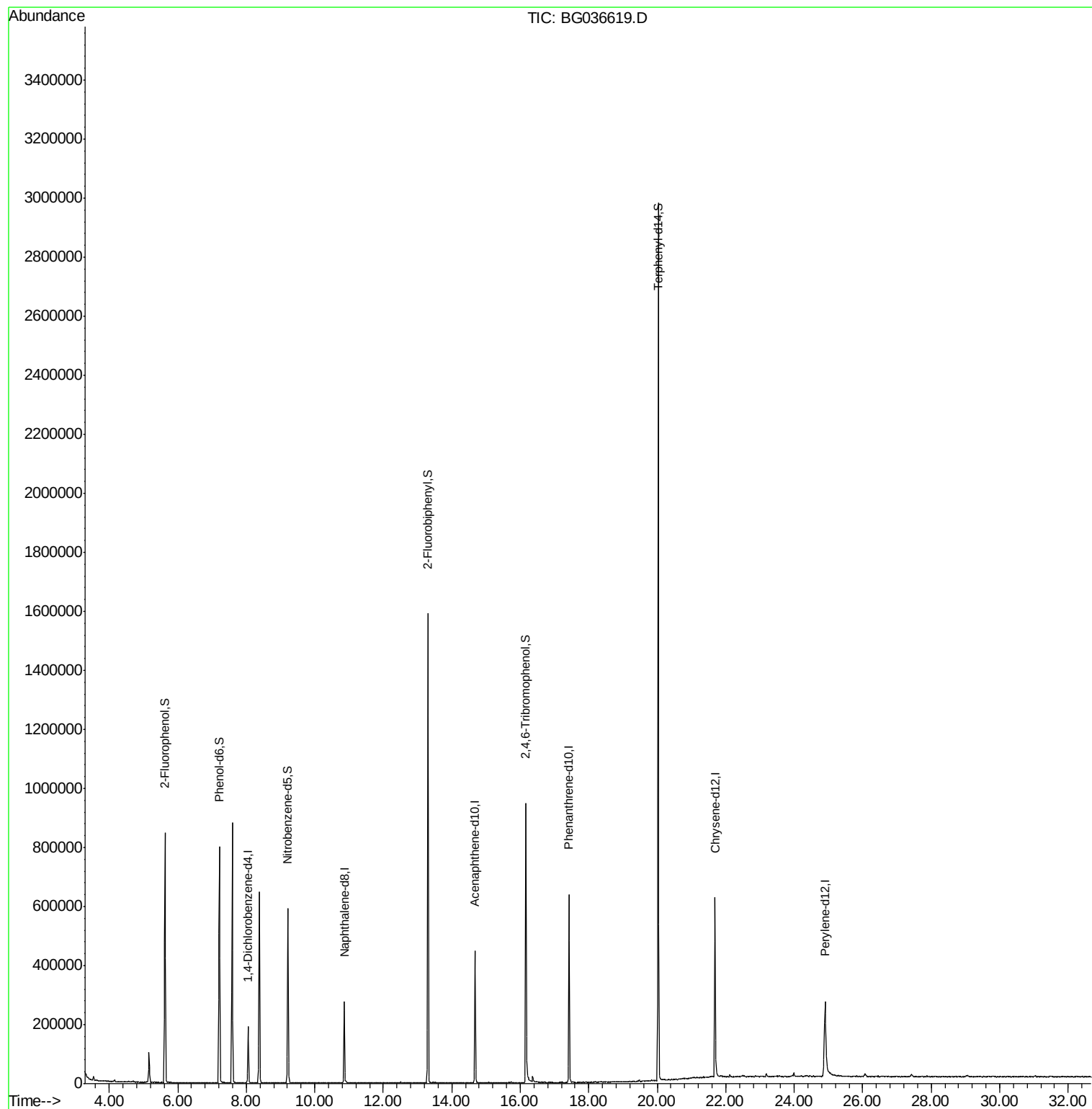
Target Compounds Qvalue

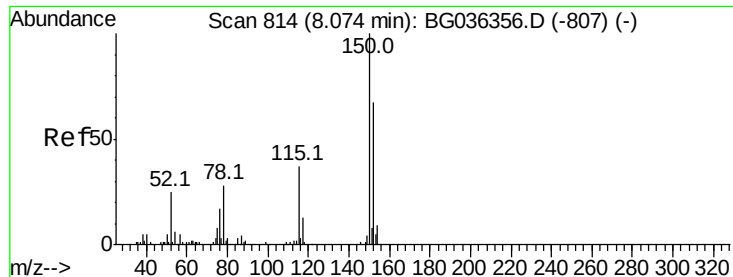
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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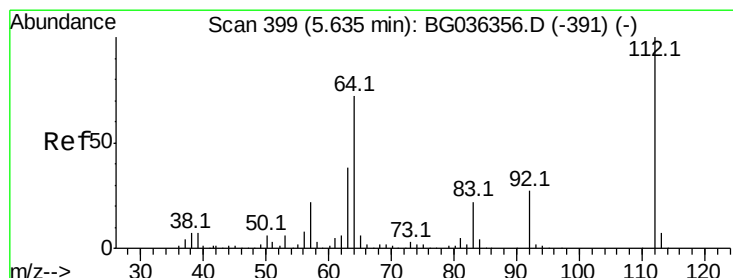
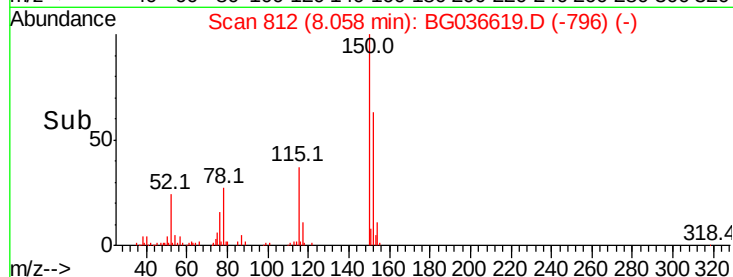
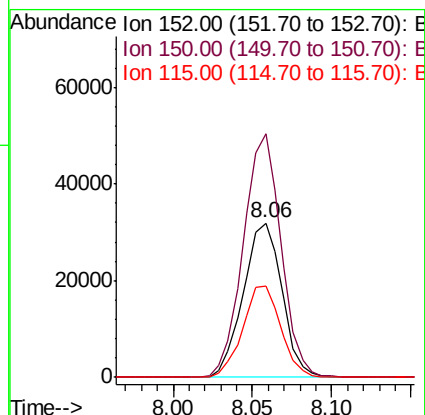
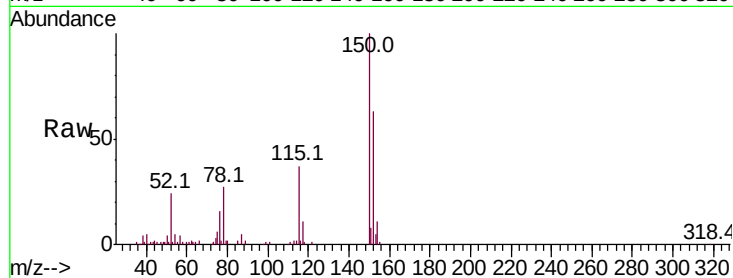


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036619.D
Acq: 8 Sep 2018 6:02

Instrument :
BNA_G
ClientSampleId :
OR-02-090618-B

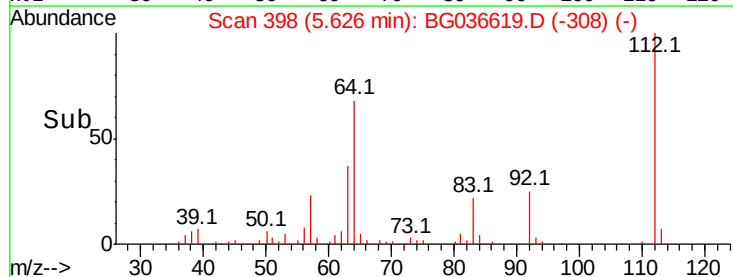
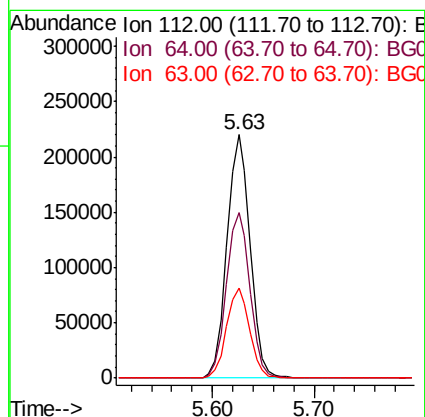
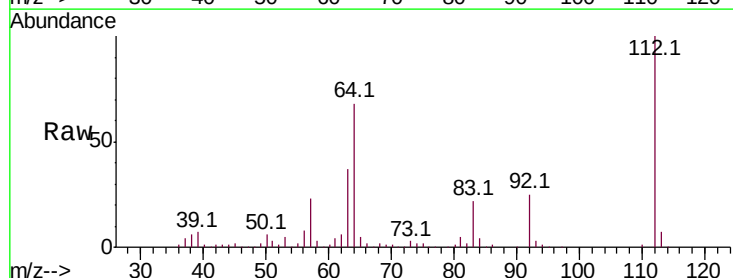
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	119.5	179.3
115	59.0	44.5	66.7

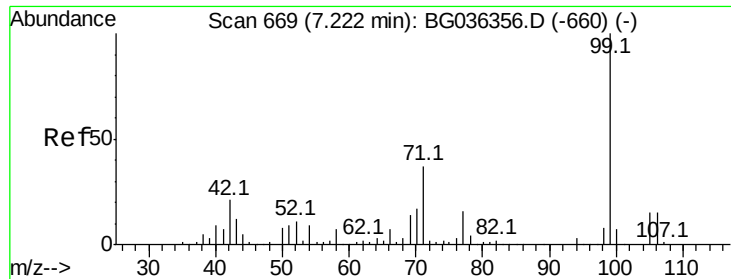


#5

2-Fluorophenol
Concen: 101.921 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036619.D
Acq: 8 Sep 2018 6:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.2	85.8
63	36.8	30.8	46.2





#7

Phenol-d6

Concen: 94.537 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036619.D

Acq: 8 Sep 2018 6:02

Instrument :

BNA_G

ClientSampleId :

OR-02-090618-B

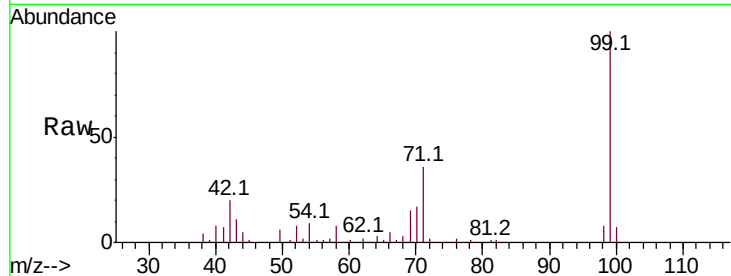
Tot Ion: 99 Resp: 461301

Ion Ratio Lower Upper

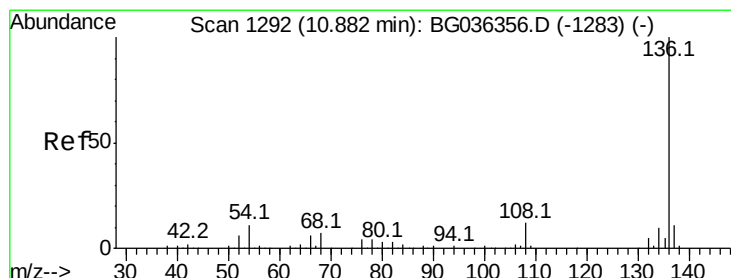
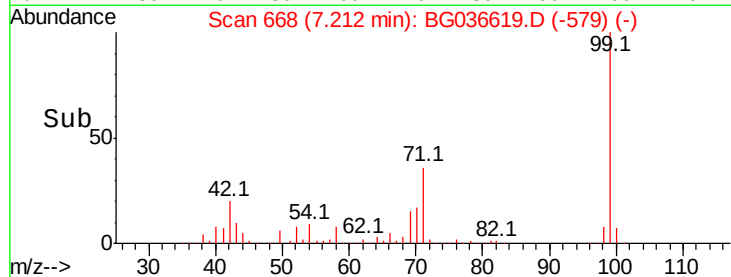
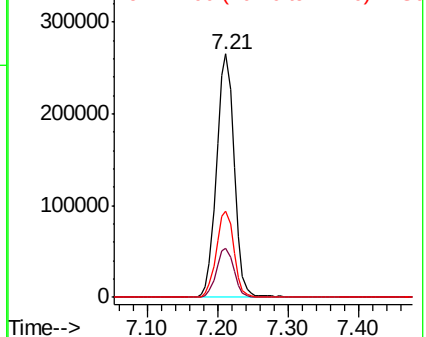
99 100

42 20.2 16.5 24.7

71 35.7 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: BG036619.D

Acq: 8 Sep 2018 6:02

Tgt Ion: 136 Resp: 228055

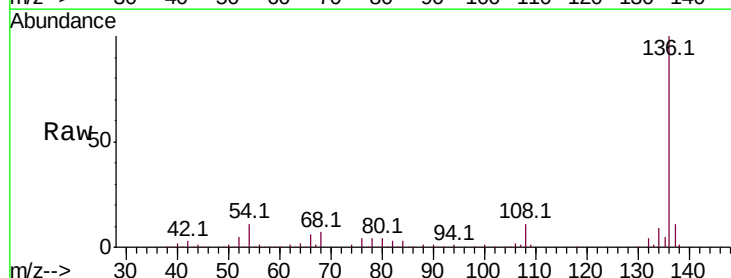
Ion Ratio Lower Upper

136 100

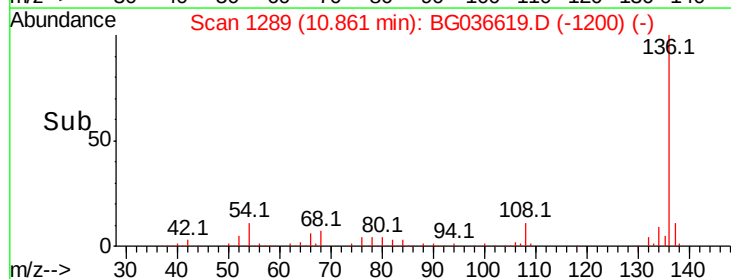
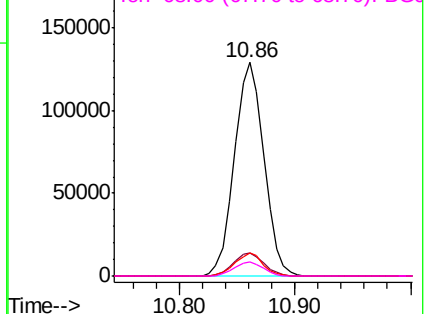
137 11.0 8.8 13.2

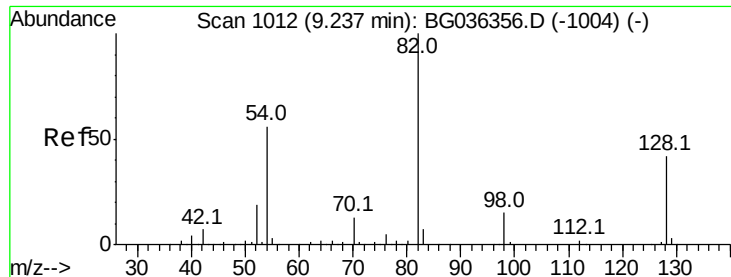
54 10.5 9.2 13.8

68 6.6 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

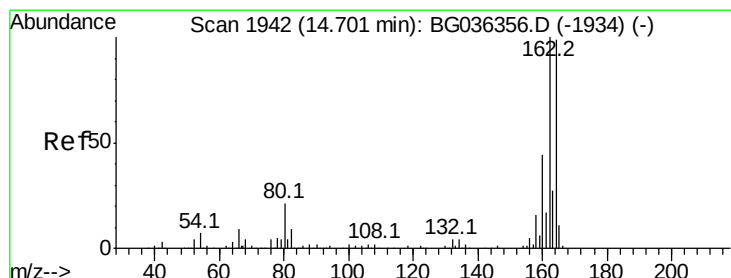
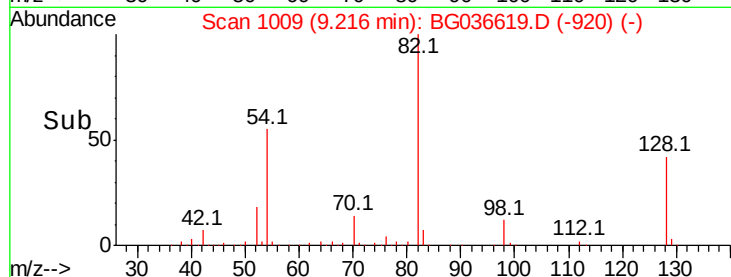
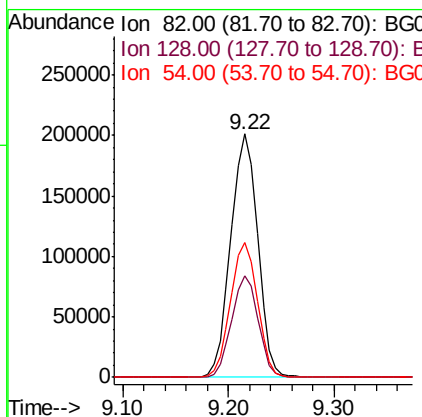
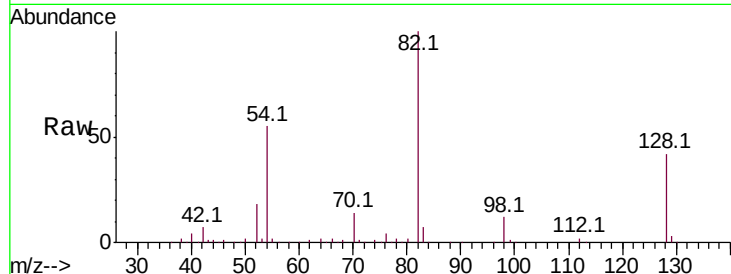




#23
Nitrobenzene-d5
Concen: 84.534 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036619.D
Acq: 8 Sep 2018 6:02

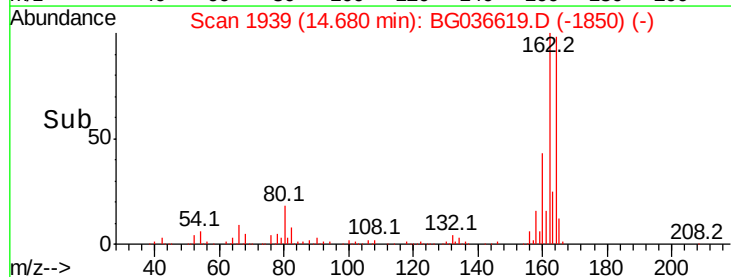
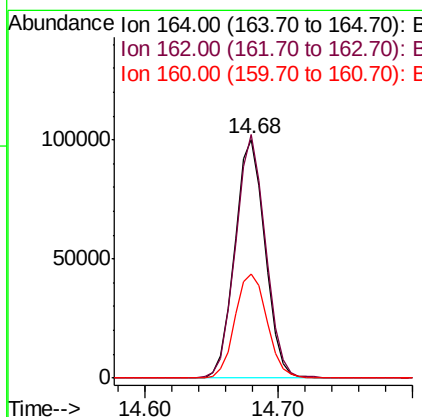
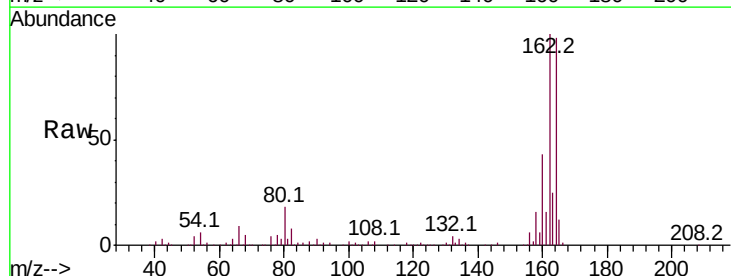
Instrument :
BNA_G
ClientSampleId :
OR-02-090618-B

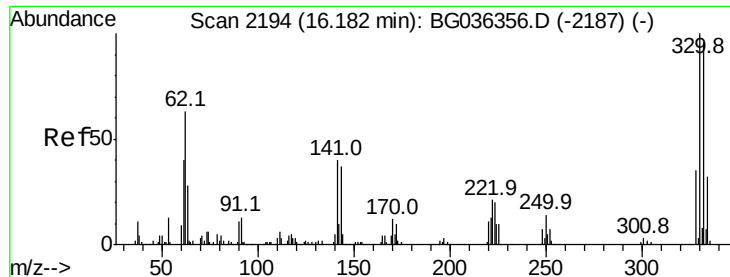
Tot Ion: 82 Resp: 355320
Ion Ratio Lower Upper
82 100
128 42.0 33.3 49.9
54 55.3 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036619.D
Acq: 8 Sep 2018 6:02

Tgt Ion: 164 Resp: 156910
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 43.4 35.3 52.9

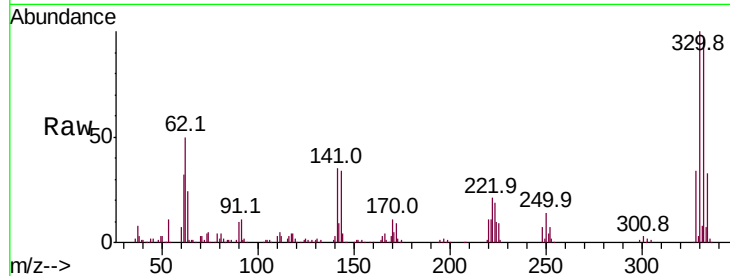




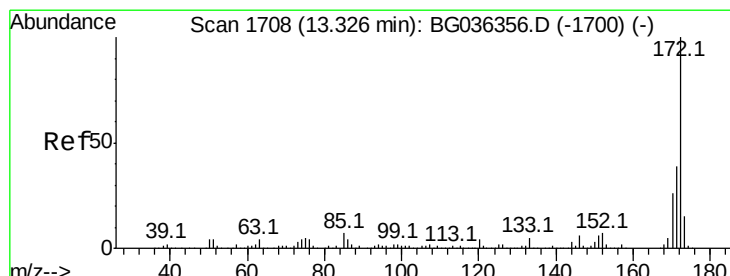
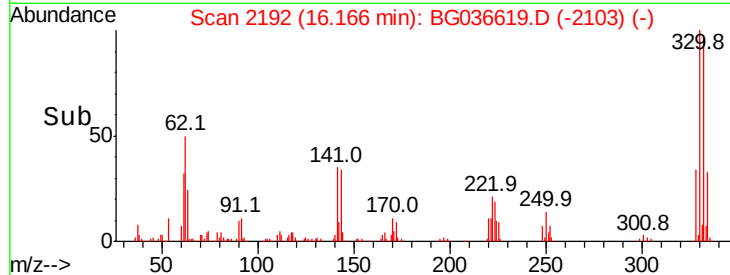
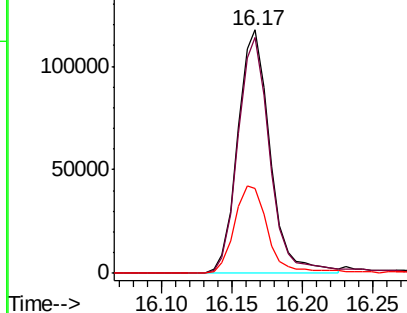
#41
 2,4,6-Tribromophenol
 Concen: 100.533 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036619.D
 Acq: 8 Sep 2018 6:02

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-090618-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	37.6	30.7	46.1

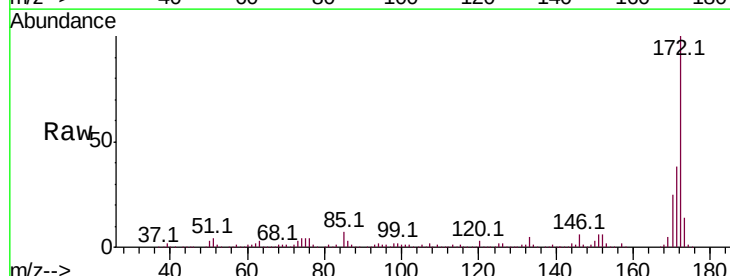


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

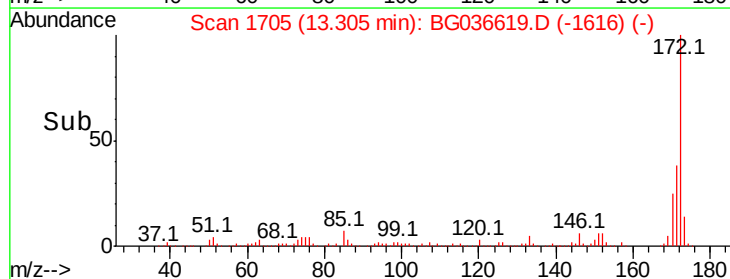
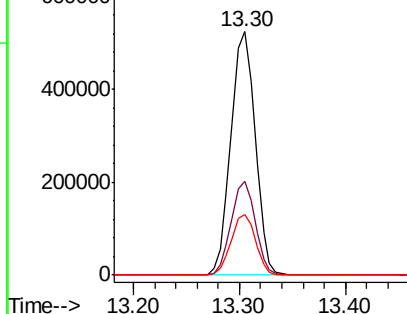


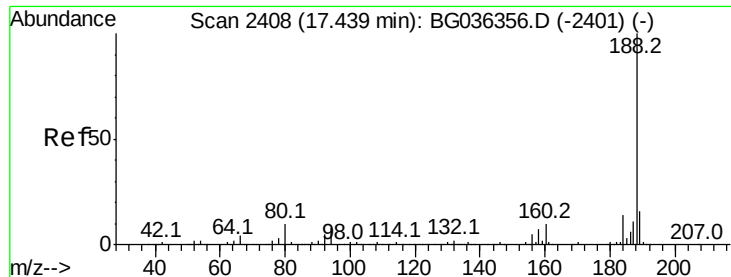
#44
 2-Fluorobiphenyl
 Concen: 76.009 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036619.D
 Acq: 8 Sep 2018 6:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.1	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: BG036619.D

Acq: 8 Sep 2018 6:02

Instrument :

BNA_G

ClientSampleId :

OR-02-090618-B

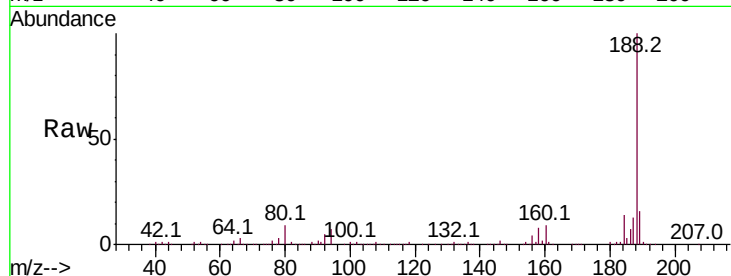
Tot Ion:188 Resp: 394328

Ion Ratio Lower Upper

188 100

94 7.0 6.7 10.1

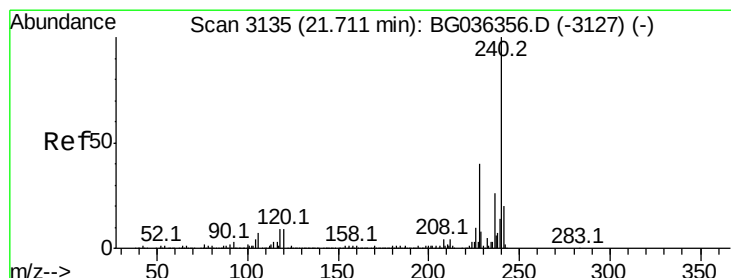
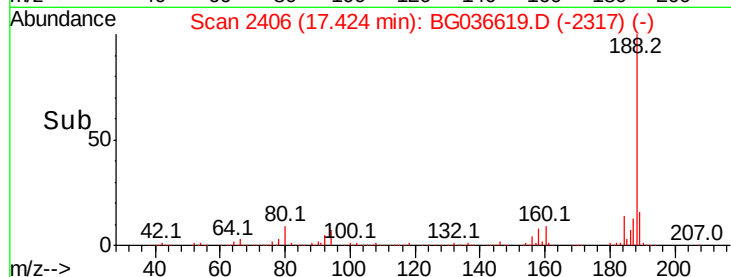
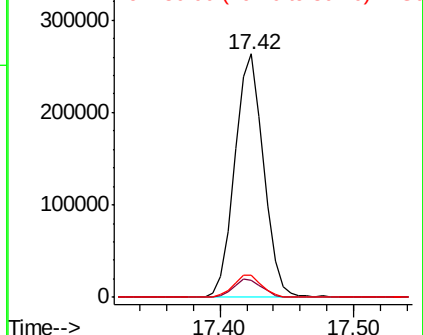
80 9.1 8.1 12.1



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: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036619.D

Acq: 8 Sep 2018 6:02

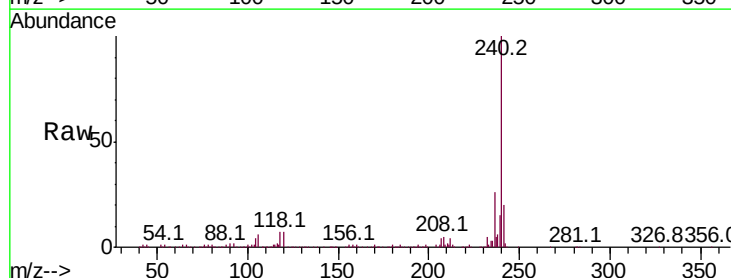
Tgt Ion:240 Resp: 415437

Ion Ratio Lower Upper

240 100

120 7.4 6.9 10.3

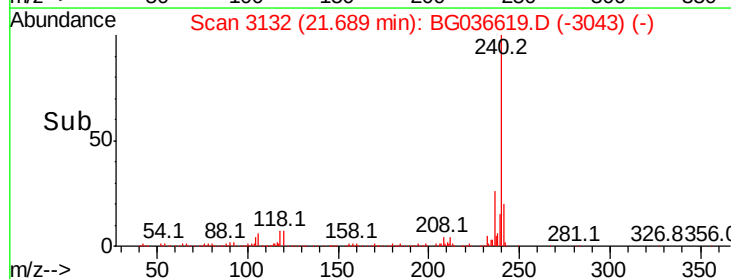
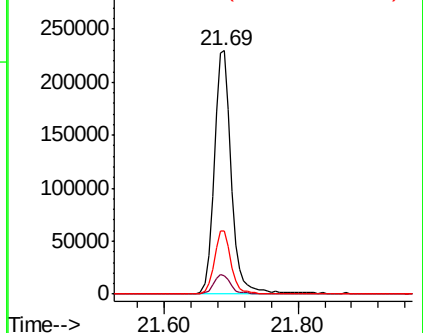
236 25.9 21.2 31.8

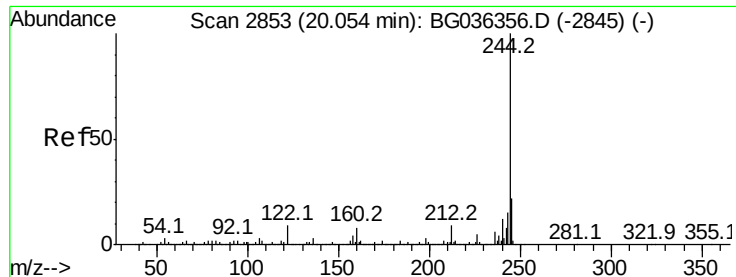


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.142 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036619.D

Acq: 8 Sep 2018 6:02

Instrument :

BNA_G

ClientSampleId :

OR-02-090618-B

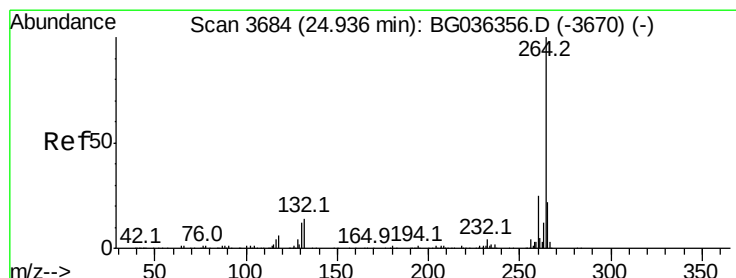
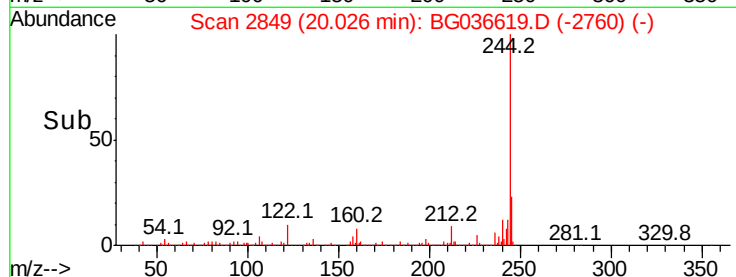
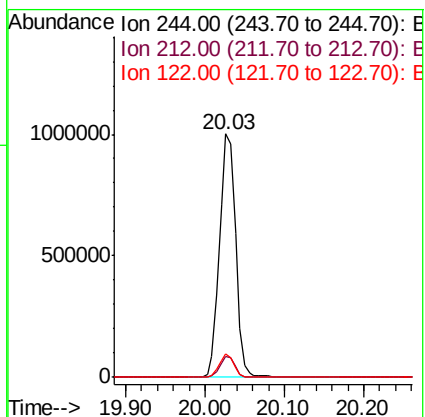
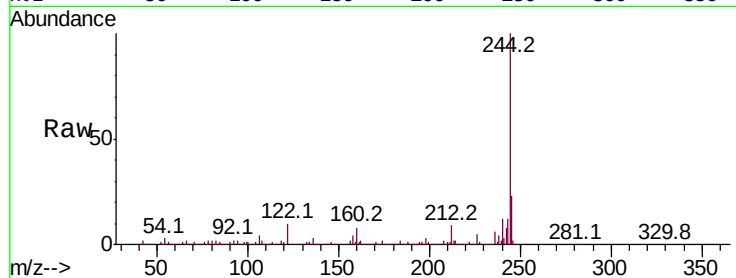
Tot Ion:244 Resp: 1424428

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.5	7.1	10.7

244 100

212 8.8 7.0 10.6

122 9.5 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: BG036619.D

Acq: 8 Sep 2018 6:02

Tgt Ion:264 Resp: 362619

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	19.4	17.4	26.0

264 100

260 22.5 19.6 29.4

265 19.4 17.4 26.0

