

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036757.D
 Acq On : 17 Sep 2018 16:44
 Operator : JU/SJ
 Sample : J4936-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-1

Quant Time: Sep 17 18:26:28 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

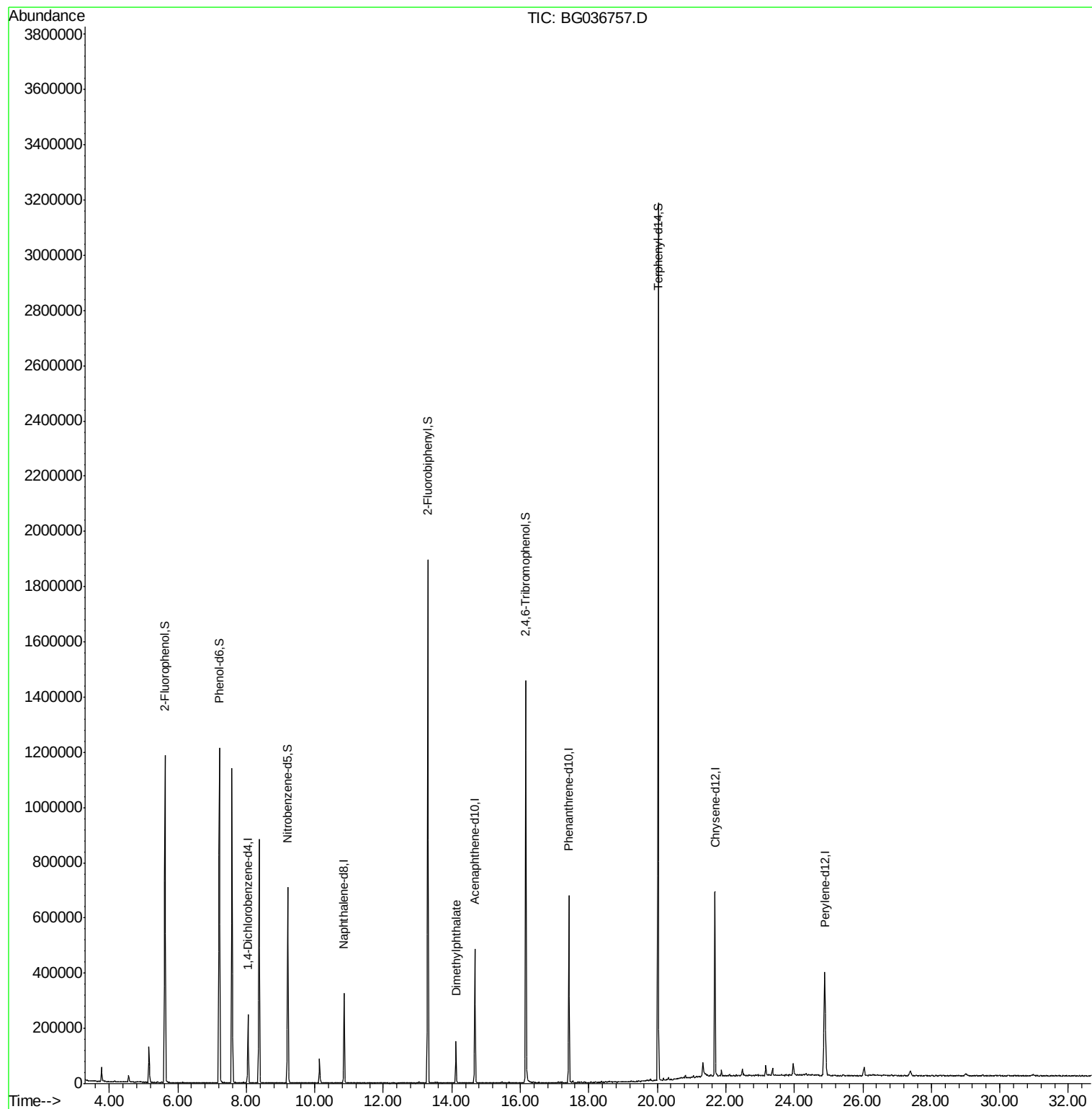
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	68603	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	274728	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	168267	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	417851	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	418798	20.00	ng	-0.02
86) Perylene-d12	24.88	264	418241	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	495914	114.67	ng	0.00
7) Phenol-d6	7.21	99	686598	110.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	434624	85.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	264526	131.75	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	966207	81.99	ng	-0.01
78) Terphenyl-d14	20.03	244	1505940	84.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	100797	7.336	ng	Qvalue 99

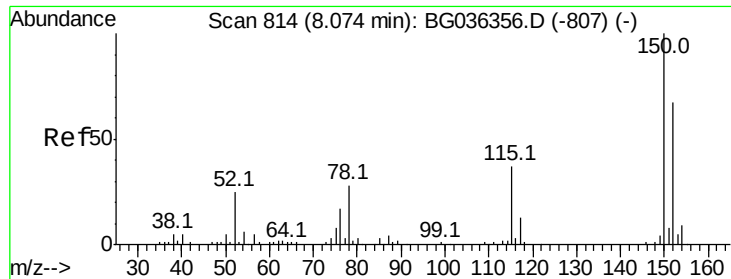
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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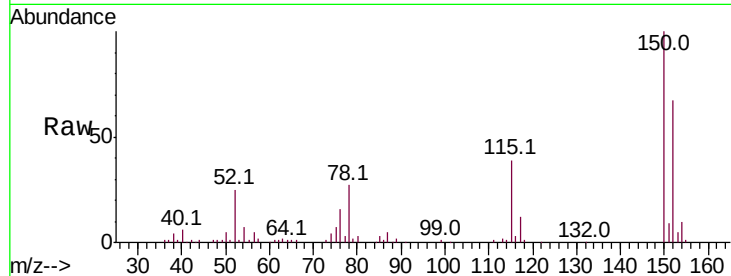


#1

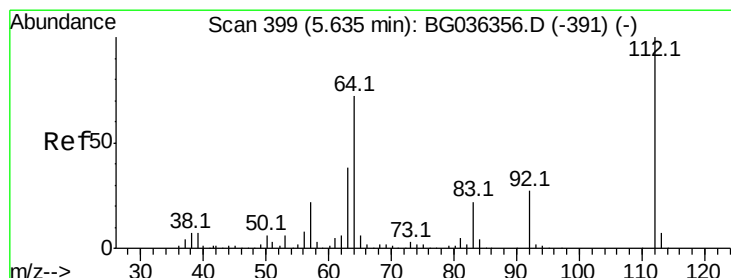
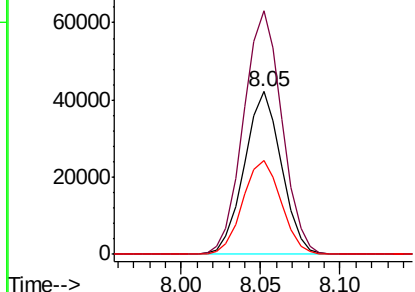
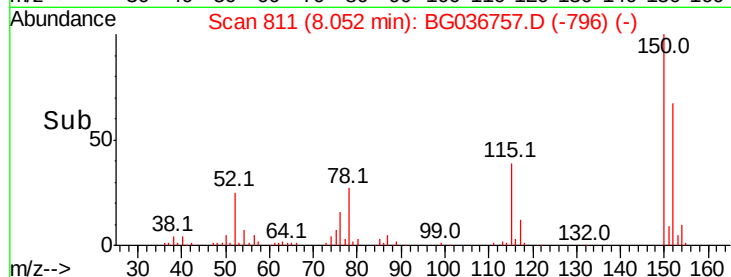
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036757.D
Acq: 17 Sep 2018 16:44

Instrument :
BNA_G
ClientSampled :
PHASE-1

Tot Ion:152 Resp: 68603
Ion Ratio Lower Upper
152 100
150 149.5 119.5 179.3
115 57.8 44.5 66.7



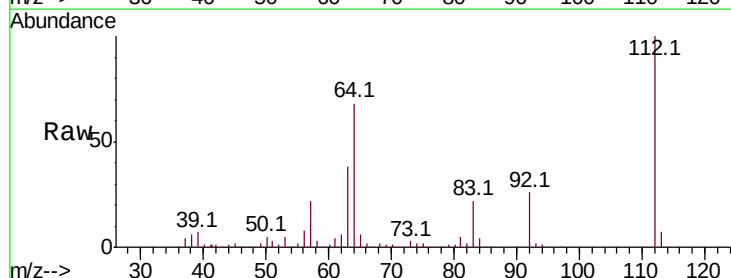
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



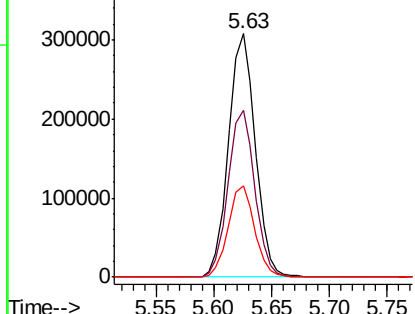
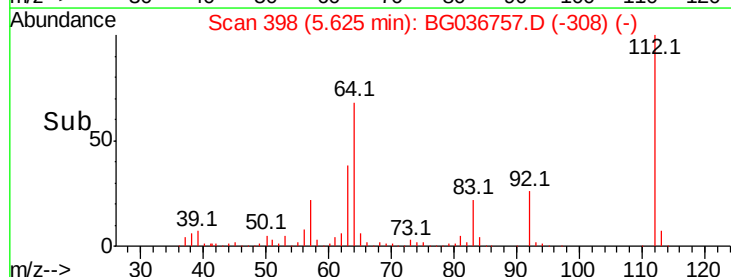
#5

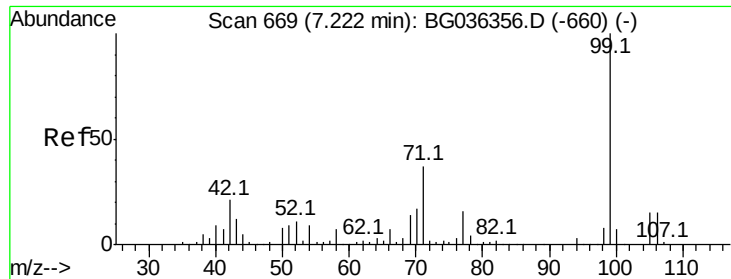
2-Fluorophenol
Concen: 114.669 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG036757.D
Acq: 17 Sep 2018 16:44

Tgt Ion:112 Resp: 495914
Ion Ratio Lower Upper
112 100
64 68.3 57.2 85.8
63 37.7 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: 110.886 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036757.D

Acq: 17 Sep 2018 16:44

Instrument :

BNA_G

ClientSampled :

PHASE-1

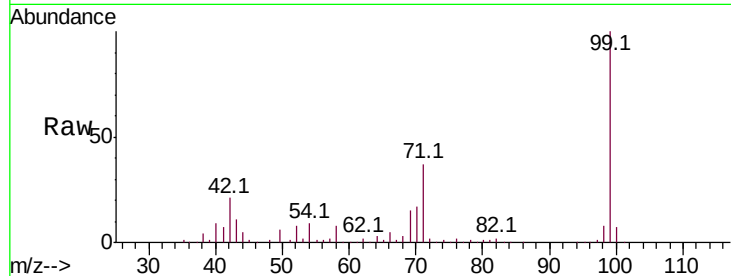
Tot Ion: 99 Resp: 686598

Ion Ratio Lower Upper

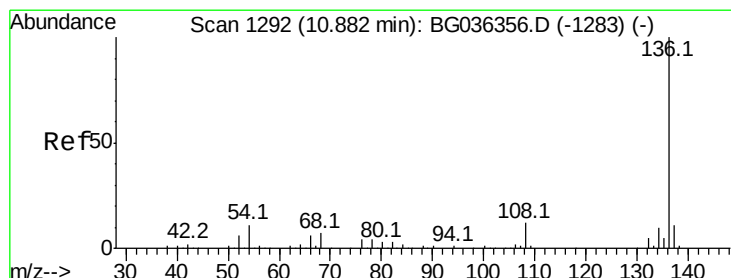
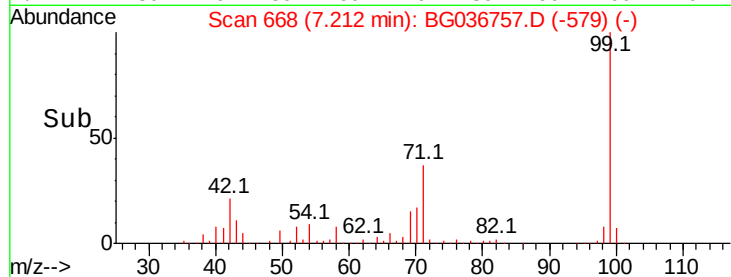
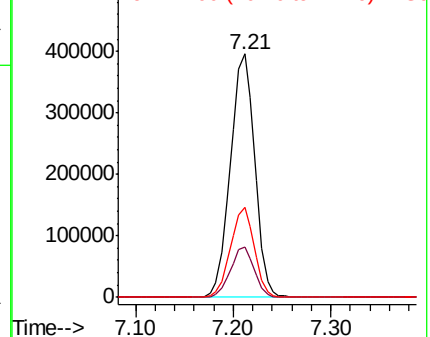
99 100

42 20.8 16.5 24.7

71 37.1 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# 1288

Delta R.T. -0.01 min

Lab File: BG036757.D

Acq: 17 Sep 2018 16:44

Tgt Ion: 136 Resp: 274728

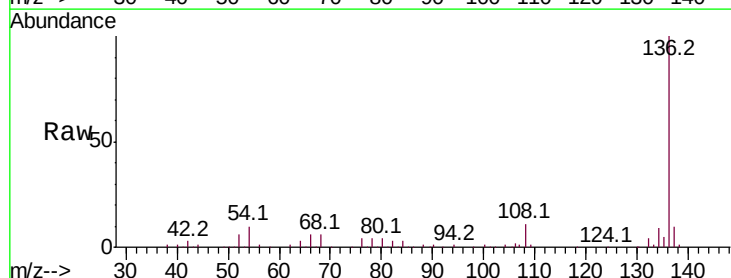
Ion Ratio Lower Upper

136 100

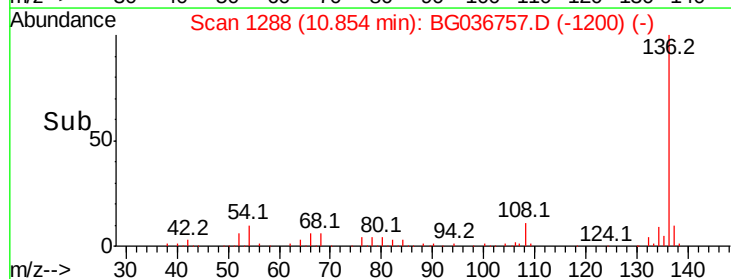
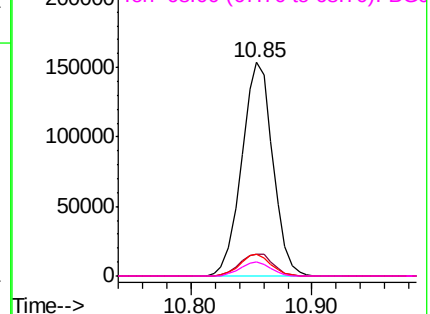
137 10.3 8.8 13.2

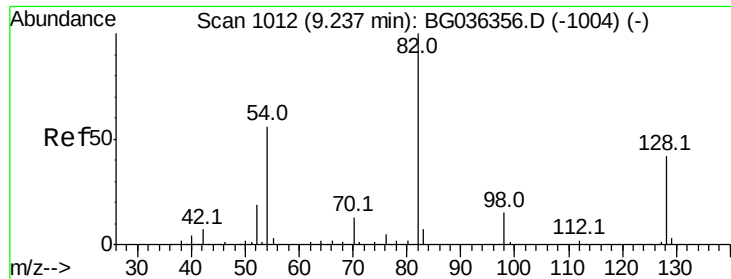
54 10.3 9.2 13.8

68 6.3 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

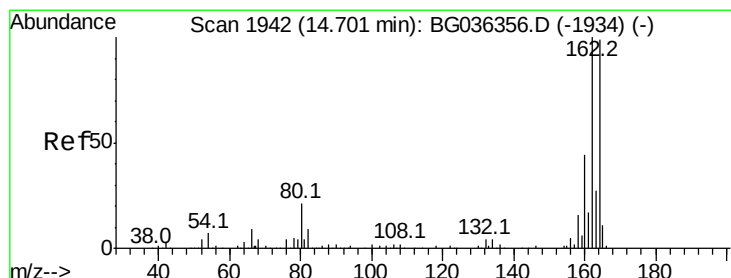
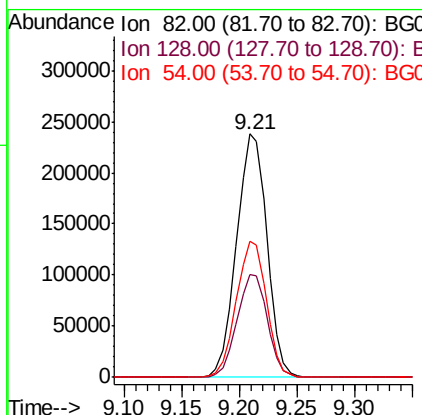
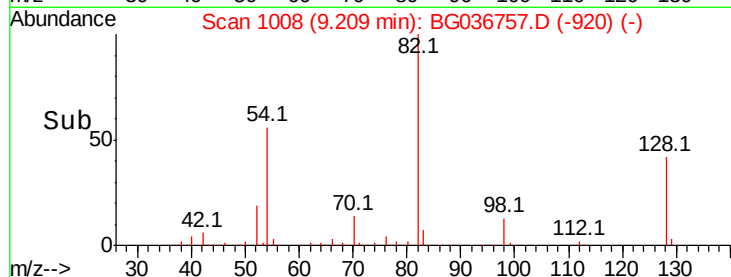
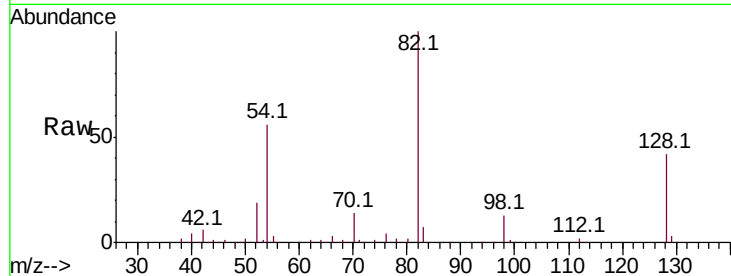




#23
Nitrobenzene-d5
Concen: 85.835 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036757.D
Acq: 17 Sep 2018 16:44

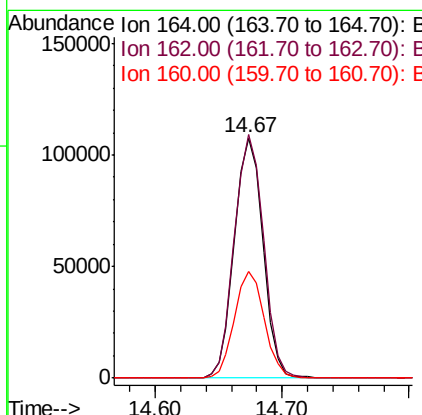
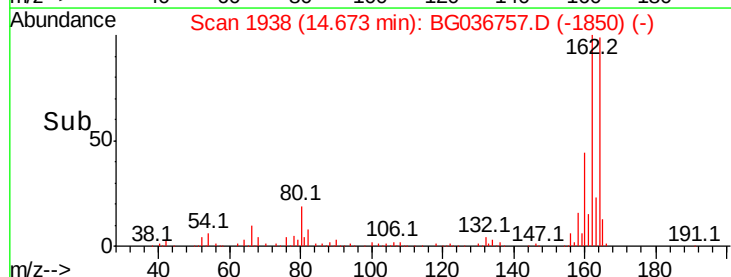
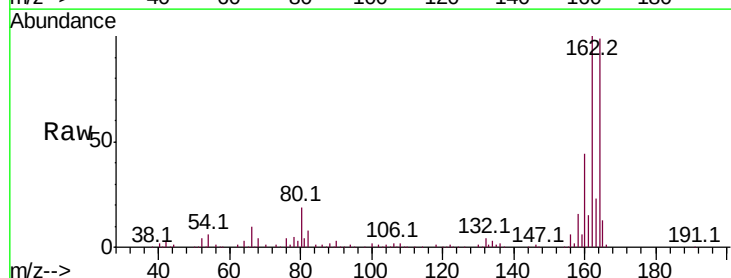
Instrument :
BNA_G
ClientSampleId :
PHASE-1

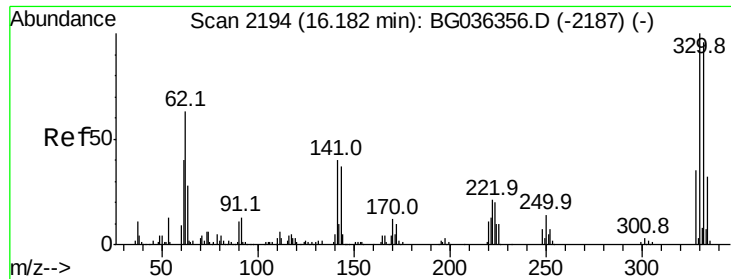
Tot Ion: 82 Resp: 434624
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 55.9 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036757.D
Acq: 17 Sep 2018 16:44

Tgt Ion: 164 Resp: 168267
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 44.6 35.3 52.9

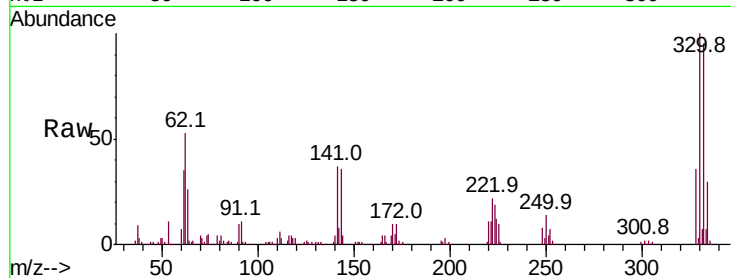




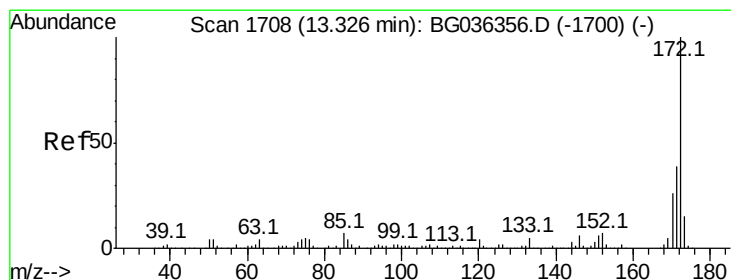
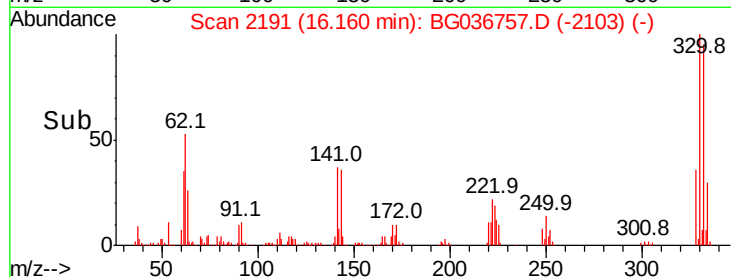
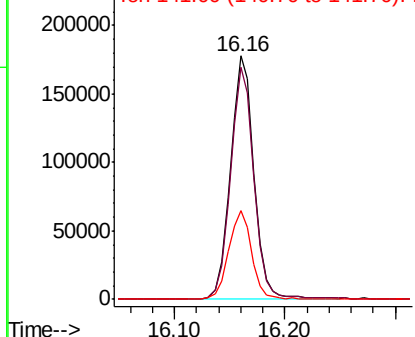
#41
 2,4,6-Tribromophenol
 Concen: 131.749 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036757.D
 Acq: 17 Sep 2018 16:44

Instrument :
 BNA_G
 ClientSampled :
 PHASE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	36.3	30.7	46.1

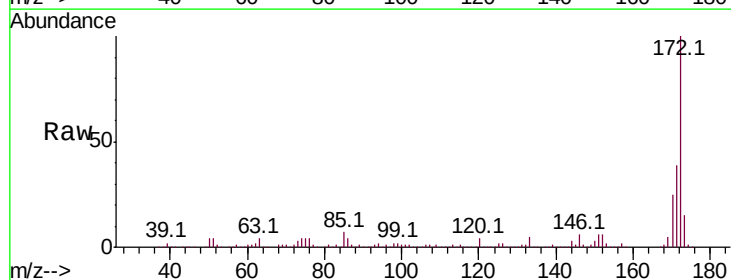


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

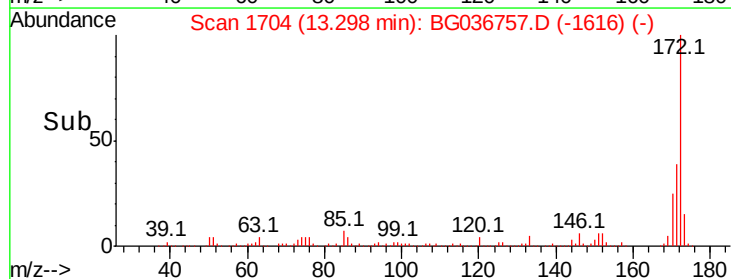
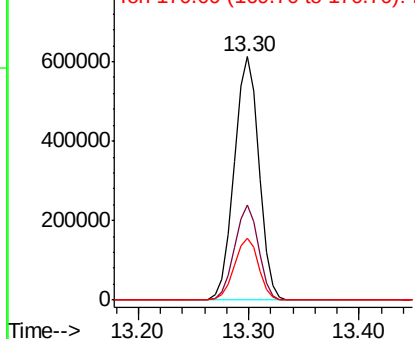


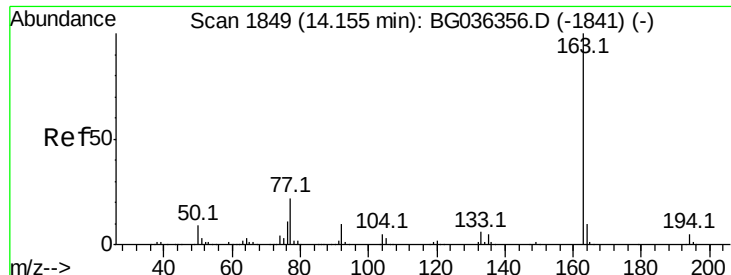
#44
 2-Fluorobiphenyl
 Concen: 81.987 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036757.D
 Acq: 17 Sep 2018 16:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	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





#49

Dimethylphthalate

Concen: 7.336 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BG036757.D

Acq: 17 Sep 2018 16:44

Instrument :

BNA_G

ClientSampled :

PHASE-1

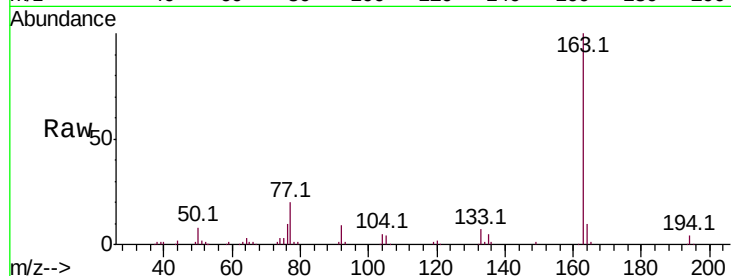
Tot Ion:163 Resp: 100797

Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

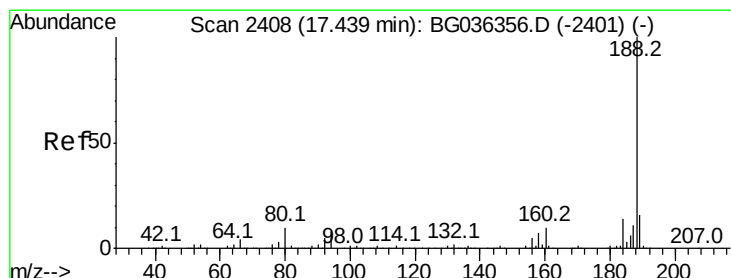
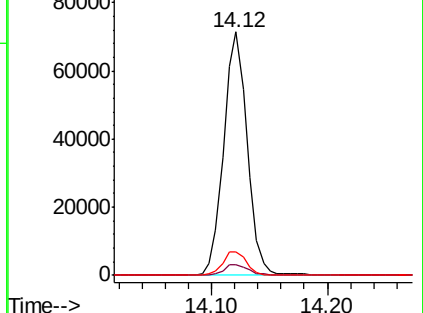
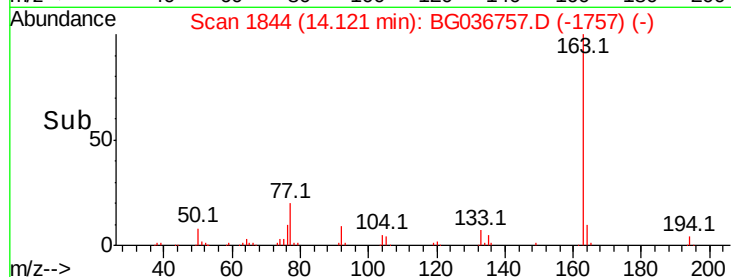
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036757.D

Acq: 17 Sep 2018 16:44

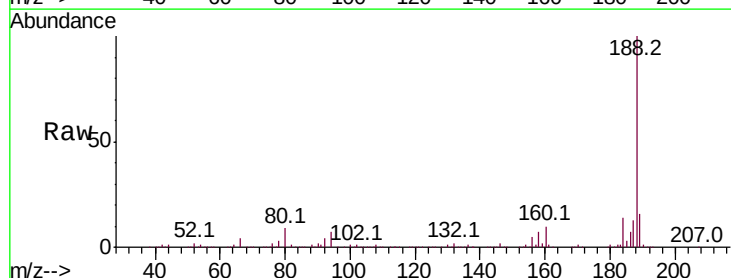
Tgt Ion:188 Resp: 417851

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

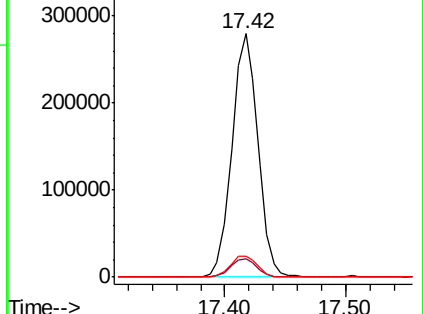
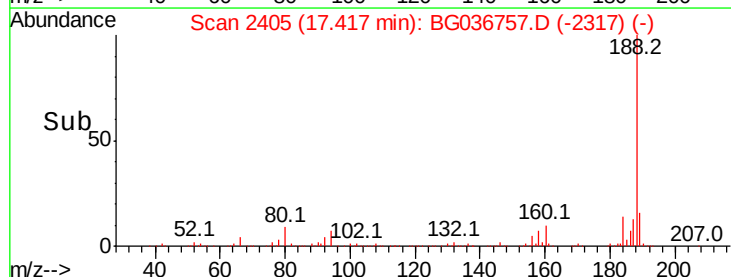
80 8.8 8.1 12.1

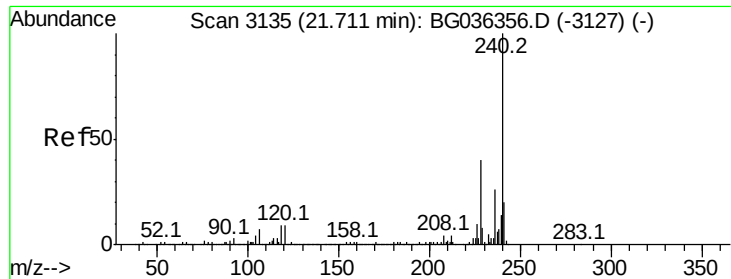


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036757.D

Acq: 17 Sep 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PHASE-1

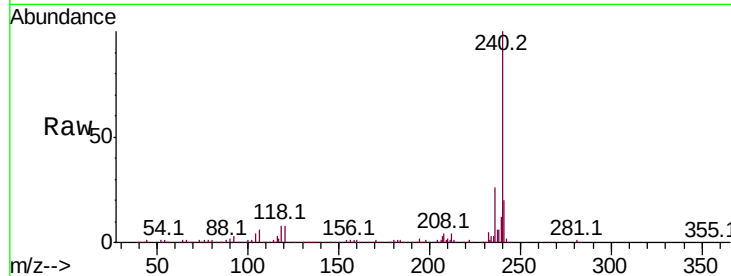
Tot Ion:240 Resp: 418798

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

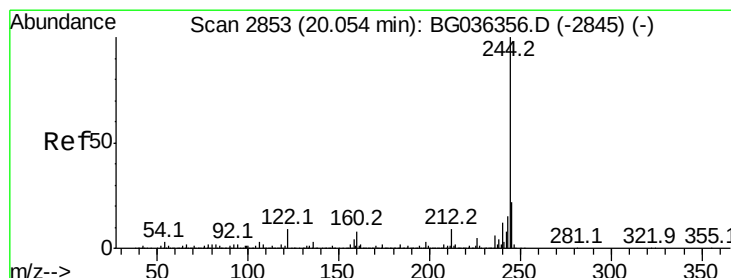
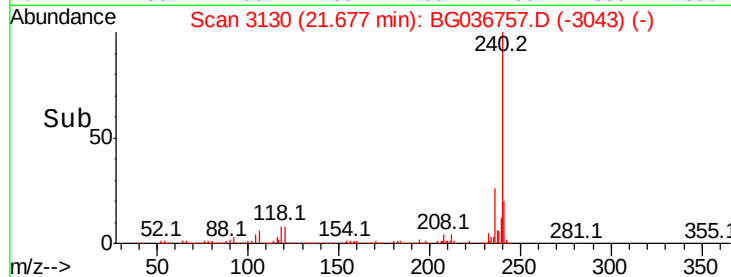
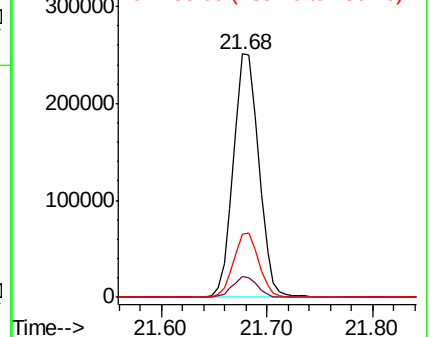
236 25.7 21.2 31.8



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: 84.048 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036757.D

Acq: 17 Sep 2018 16:44

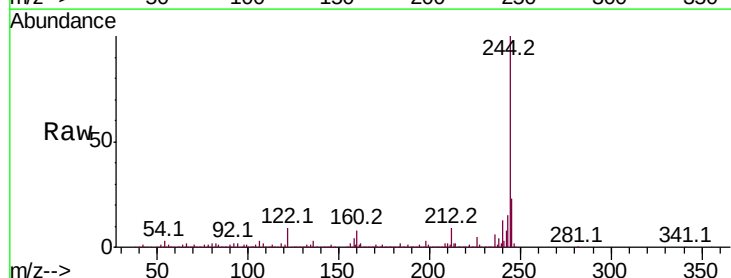
Tgt Ion:244 Resp: 1505940

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

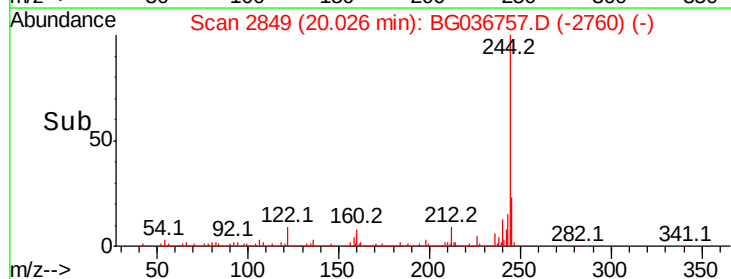
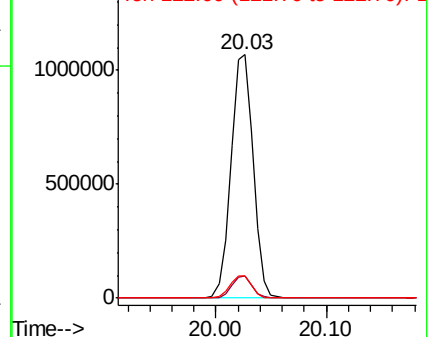
122 9.1 7.1 10.7

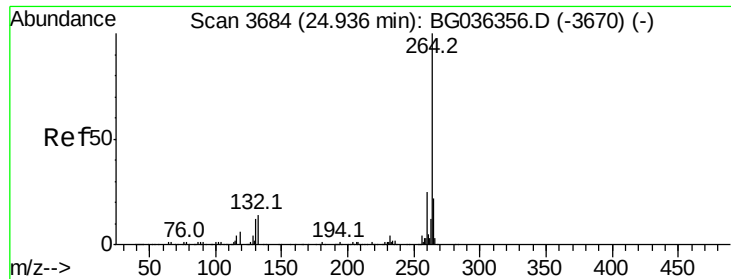


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036757.D
Acq: 17 Sep 2018 16:44

Instrument :
BNA_G
ClientSampleId :
PHASE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.0	17.4	26.0

