

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036743.D
 Acq On : 15 Sep 2018 16:16
 Operator : JU/SJ
 Sample : J4906-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

Quant Time: Sep 17 04:31:58 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	51209	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	203854	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	136103	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	370042	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	389589	20.00	ng	-0.02
86) Perylene-d12	24.89	264	383207	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	337423	104.52	ng	0.00
7) Phenol-d6	7.21	99	425547	92.07	ng	-0.01
23) Nitrobenzene-d5	9.21	82	328793	87.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	212670	130.95	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	753306	79.03	ng	-0.01
78) Terphenyl-d14	20.02	244	1385852	83.14	ng	-0.01

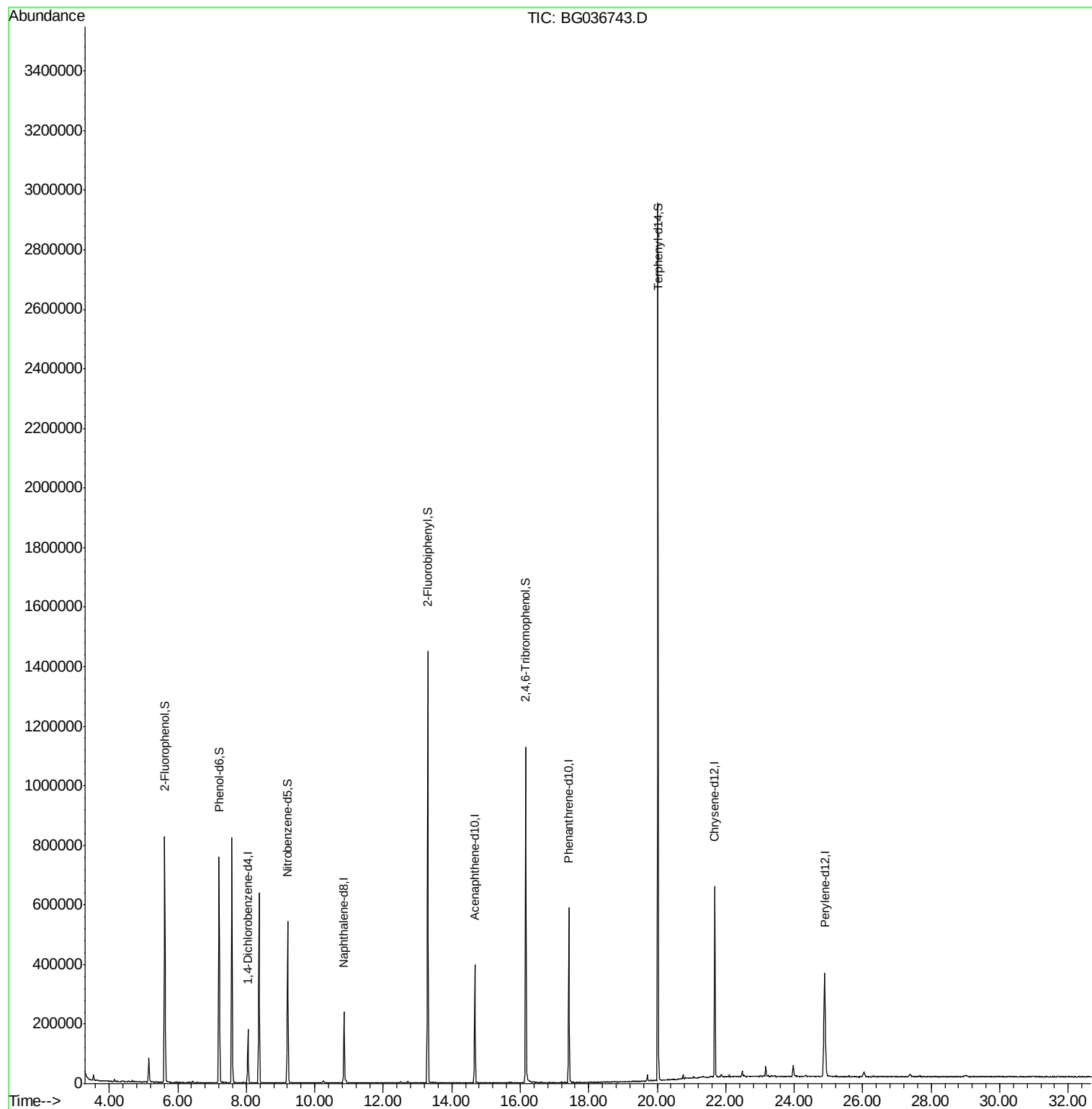
Target Compounds Qvalue

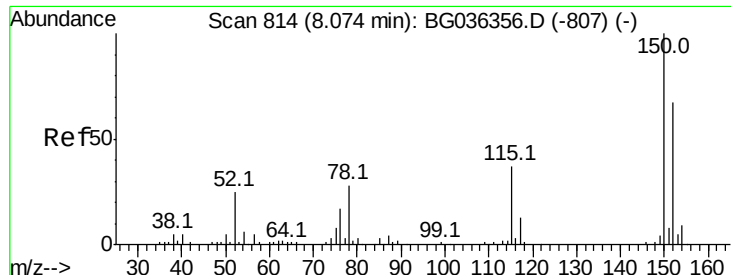
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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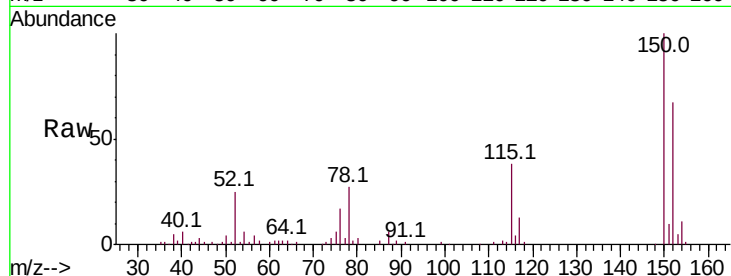


#1

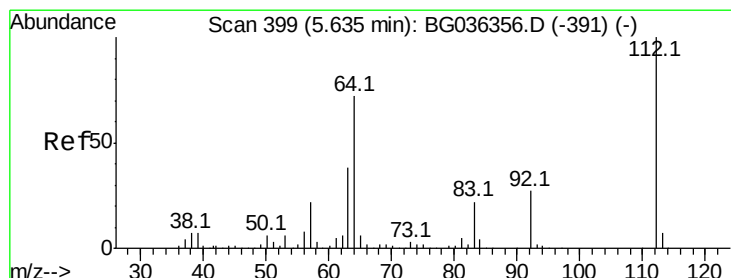
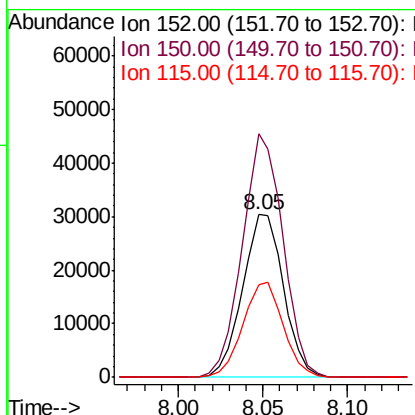
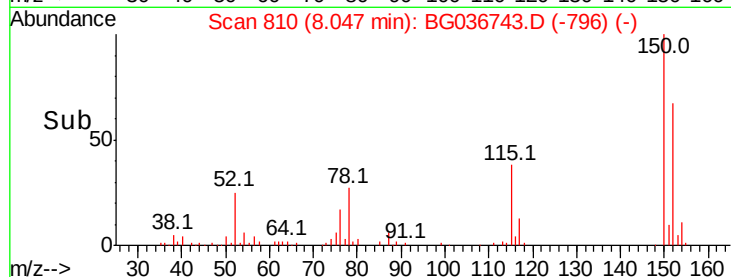
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036743.D
Acq: 15 Sep 2018 16:16

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Tot Ion:152 Resp: 51209
Ion Ratio Lower Upper
152 100
150 149.8 119.5 179.3
115 57.2 44.5 66.7



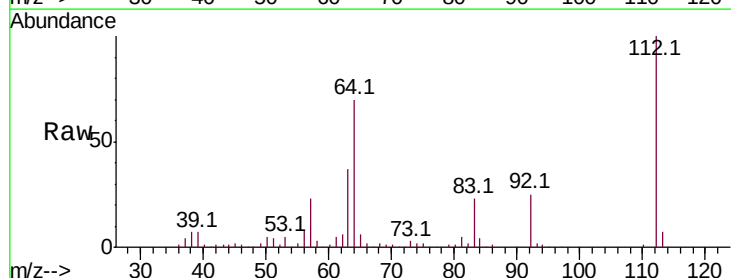
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



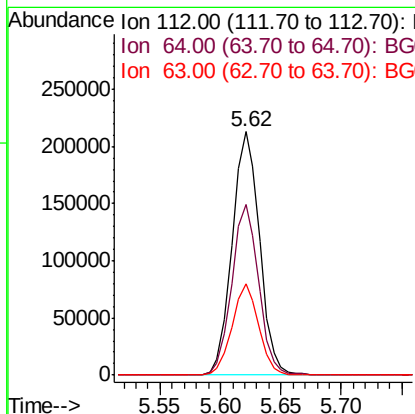
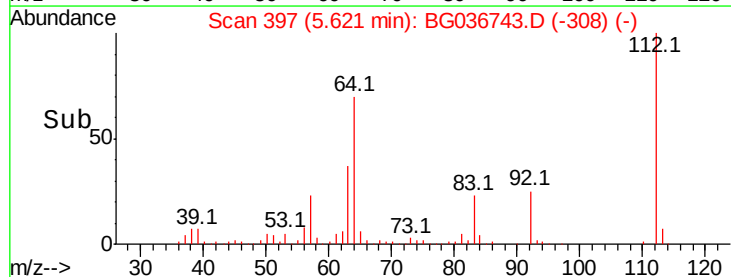
#5

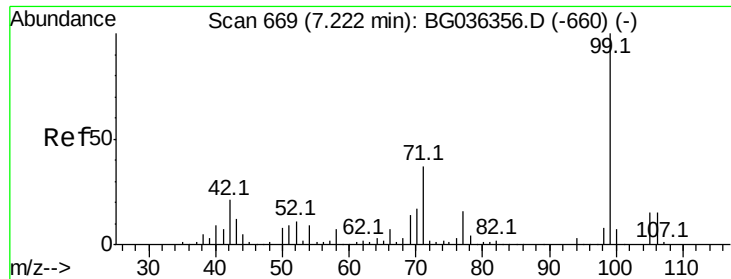
2-Fluorophenol
Concen: 104.523 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036743.D
Acq: 15 Sep 2018 16:16

Tgt Ion:112 Resp: 337423
Ion Ratio Lower Upper
112 100
64 69.8 57.2 85.8
63 37.4 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: 92.070 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

Instrument :

BNA_G

ClientSampleId :

SP-PIT-9

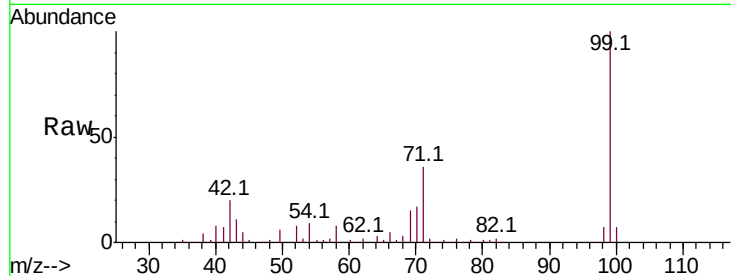
Tot Ion: 99 Resp: 425547

Ion Ratio Lower Upper

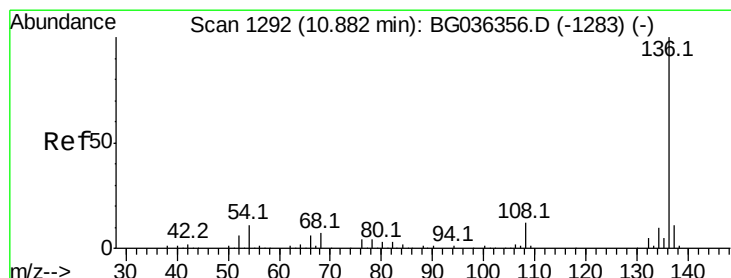
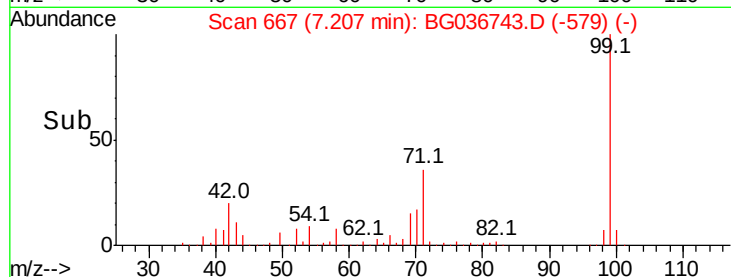
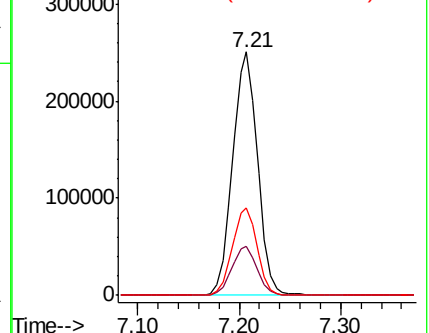
99 100

42 20.1 16.5 24.7

71 36.0 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# 1288

Delta R.T. -0.01 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

Tgt Ion: 136 Resp: 203854

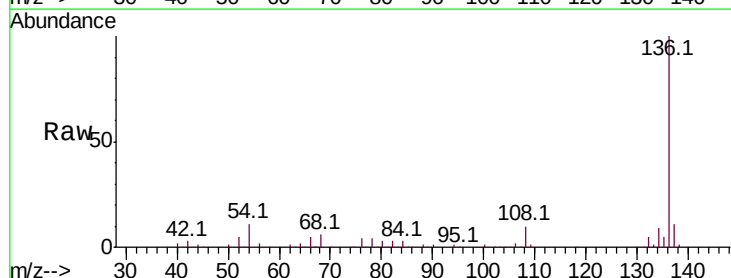
Ion Ratio Lower Upper

136 100

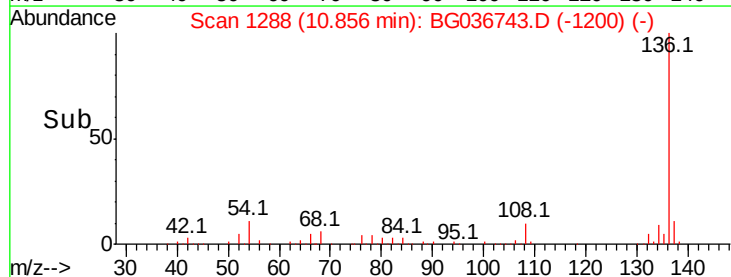
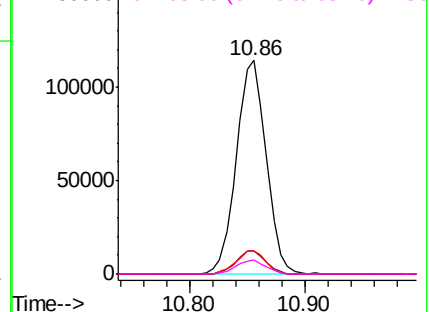
137 10.8 8.8 13.2

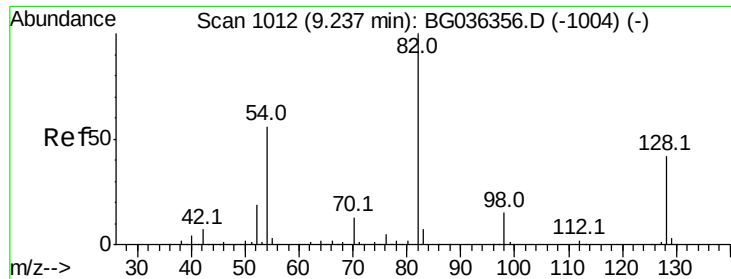
54 10.6 9.2 13.8

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

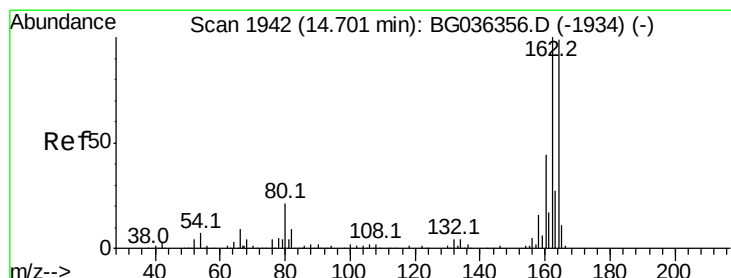
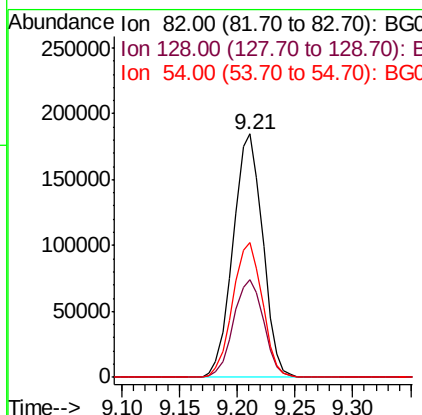
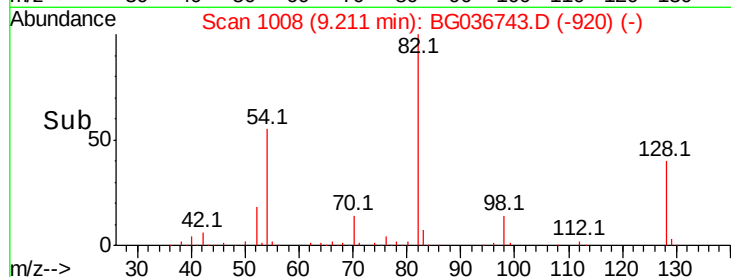
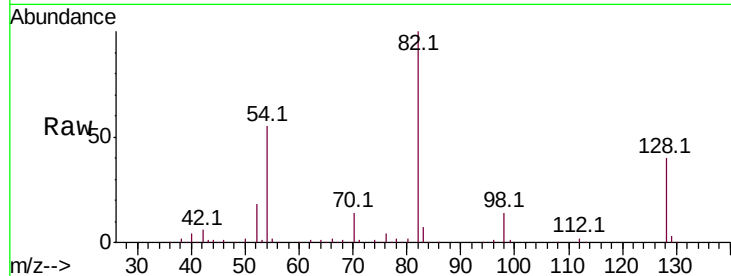




#23
 Nitrobenzene-d5
 Concen: 87.510 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

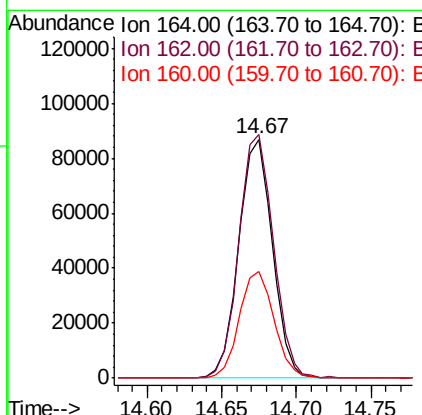
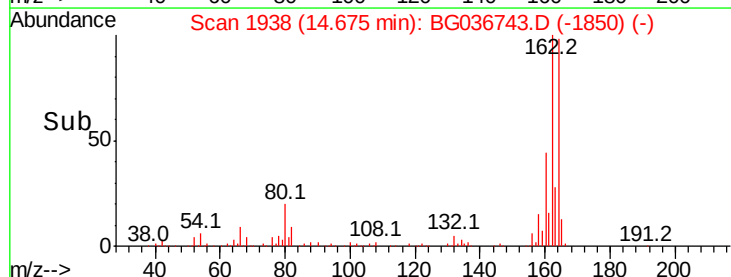
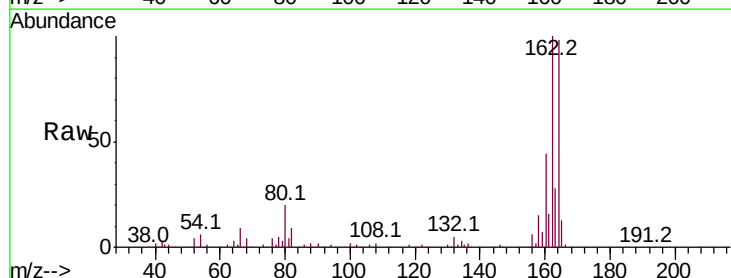
Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

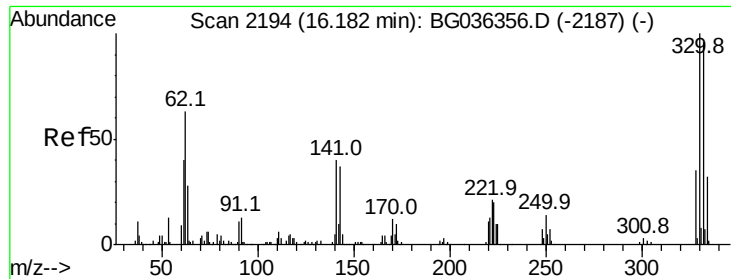
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	55.4	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	44.5	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 130.953 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

Instrument :

BNA_G

ClientSampled :

SP-PIT-9

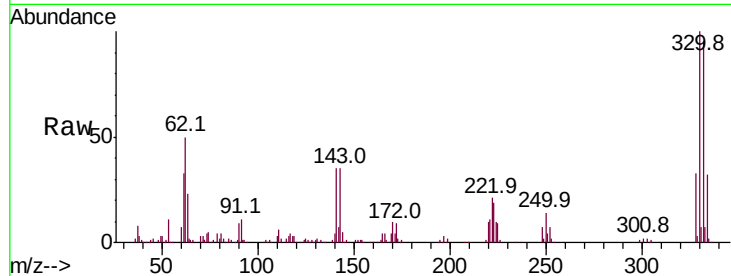
Tot Ion:330 Resp: 212670

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.2

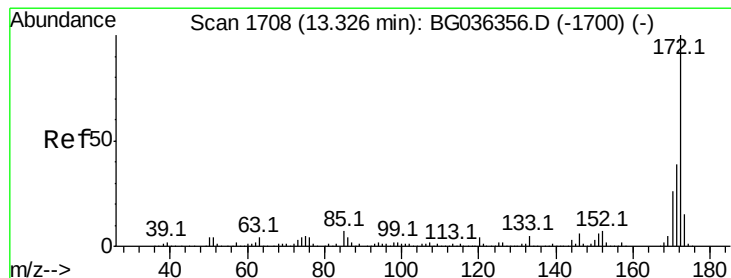
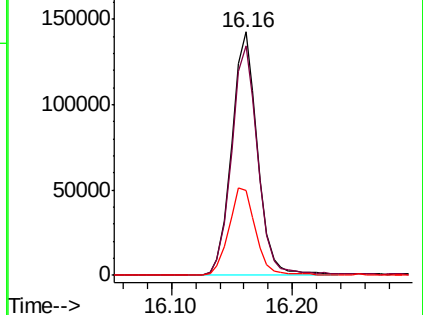
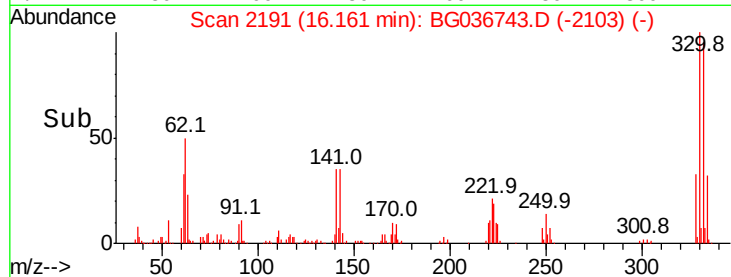
141 37.2 30.7 46.1



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: 79.027 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

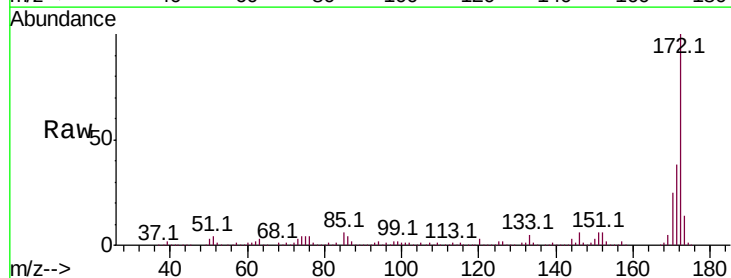
Tgt Ion:172 Resp: 753306

Ion Ratio Lower Upper

172 100

171 38.2 31.3 46.9

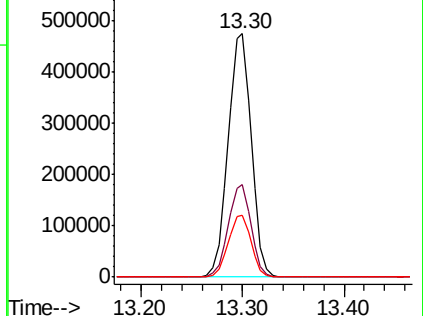
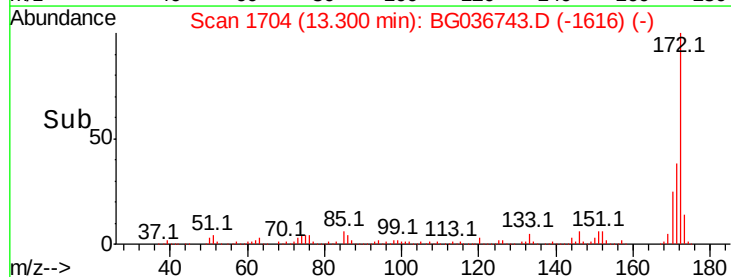
170 25.2 21.0 31.6

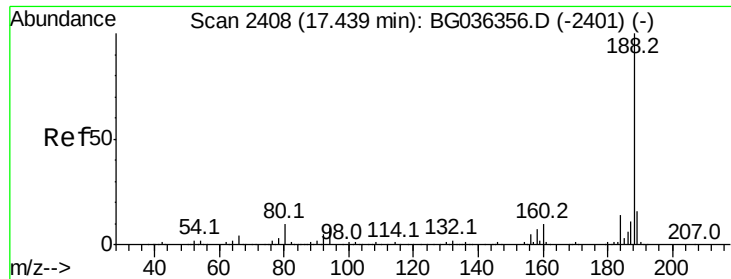


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2405

Delta R.T. -0.01 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

Instrument :

BNA_G

ClientSampleId :

SP-PIT-9

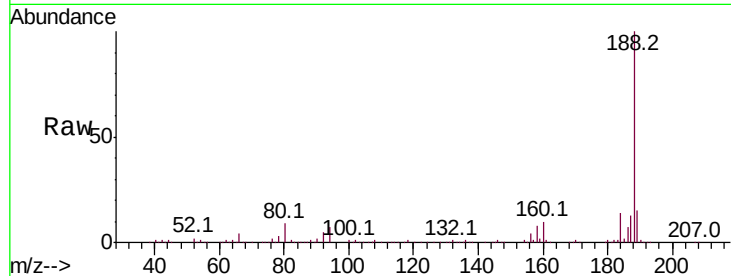
Tot Ion:188 Resp: 370042

Ion Ratio Lower Upper

188 100

94 7.3 6.7 10.1

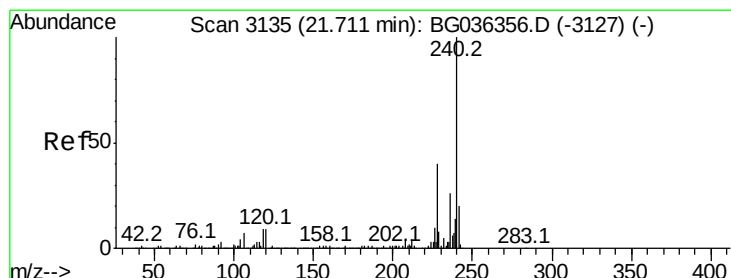
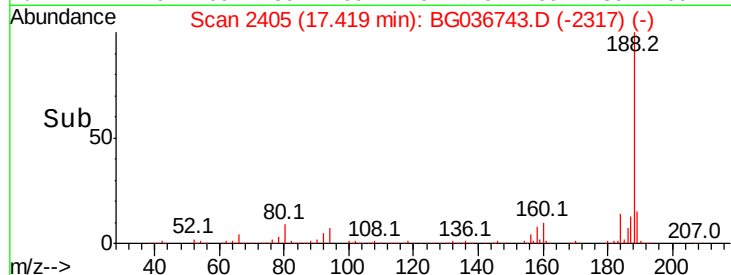
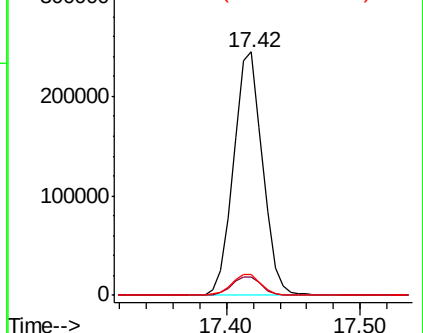
80 8.7 8.1 12.1



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# 3130

Delta R.T. -0.02 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

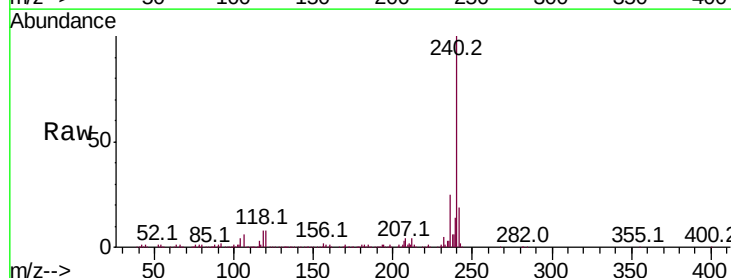
Tgt Ion:240 Resp: 389589

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

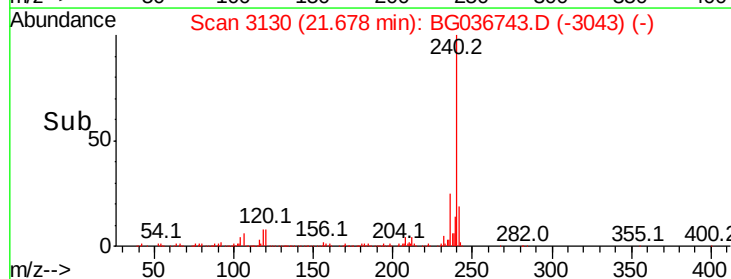
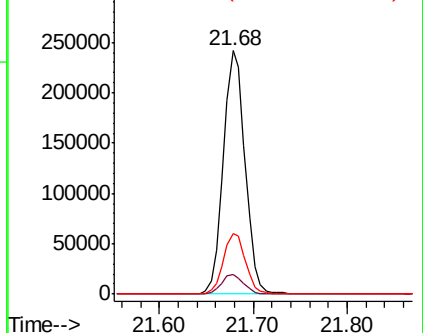
236 25.1 21.2 31.8

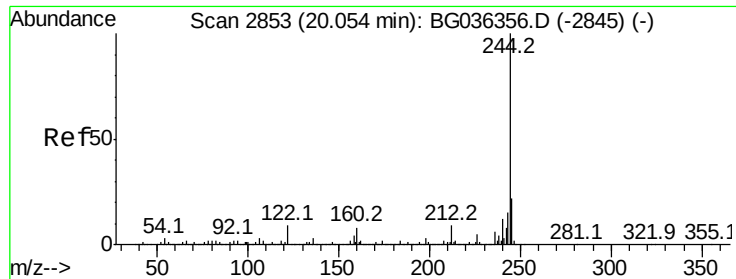


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



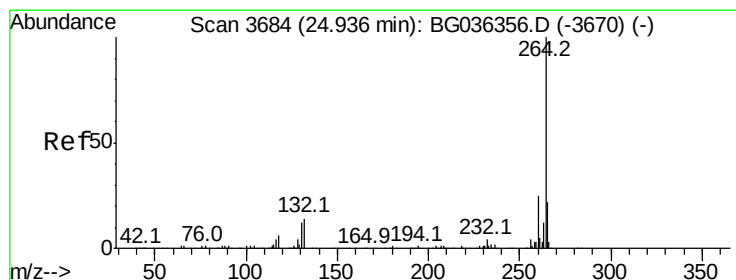
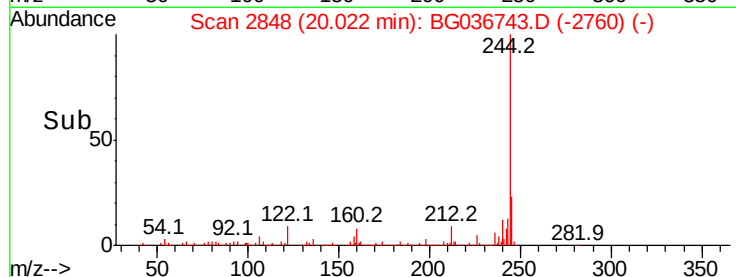
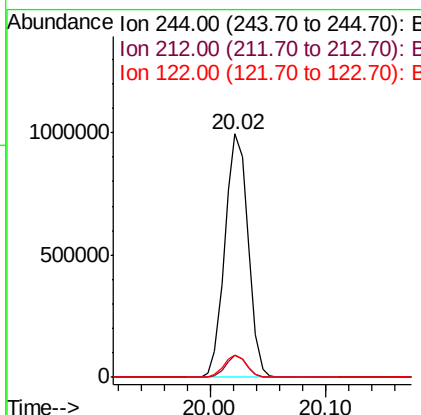
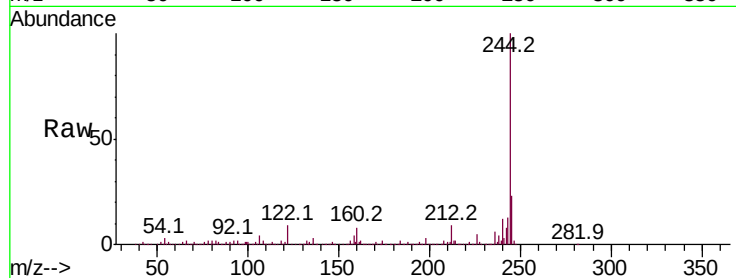


#78
 Terphenyl-d14
 Concen: 83.144 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

Tot Ion:244 Resp: 1385852

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Tgt Ion:264 Resp: 383207

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.6	29.4
265	21.6	17.4	26.0

