

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036538.D
 Acq On : 4 Sep 2018 19:06
 Operator : JU/SJ
 Sample : J4761-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-4005

Quant Time: Sep 05 05:09:01 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	62160	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	255556	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167582	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	431007	20.00	ng	0.00
75) Chrysene-d12	21.69	240	456263	20.00	ng	0.00
86) Perylene-d12	24.90	264	451622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	376540	96.09	ng	0.00
7) Phenol-d6	7.21	99	476089	84.86	ng	0.00
23) Nitrobenzene-d5	9.22	82	369067	78.36	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	230416	115.23	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	841615	71.71	ng	0.00
78) Terphenyl-d14	20.03	244	1492347	76.45	ng	0.00

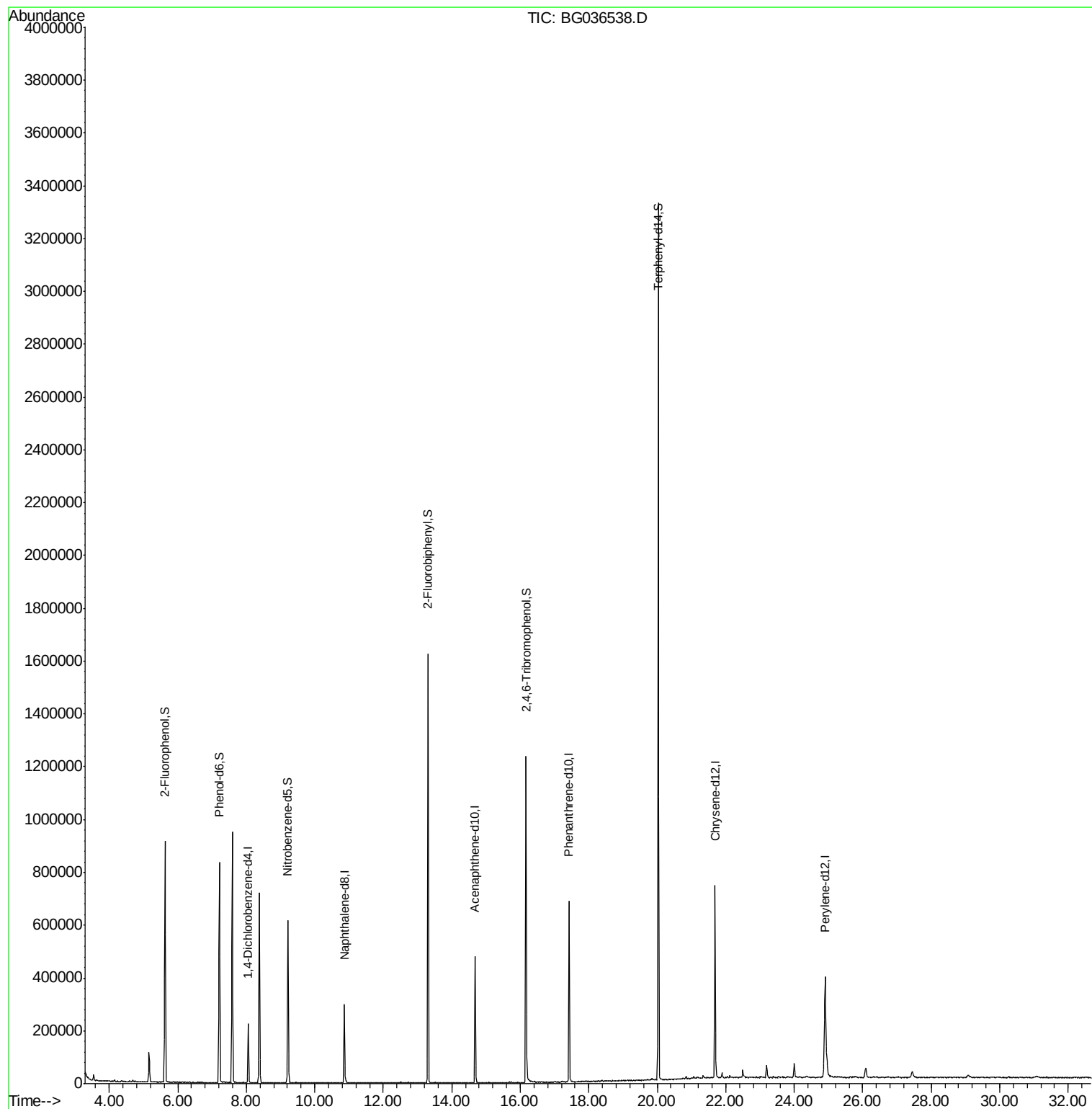
Target Compounds Qvalue

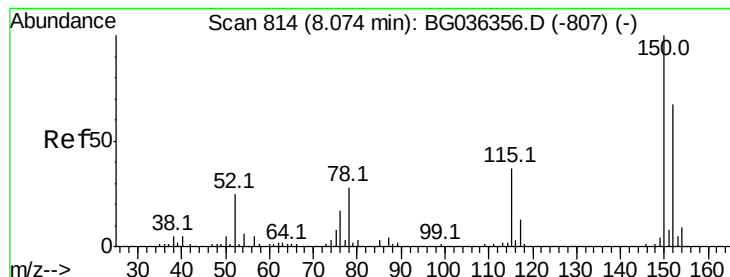
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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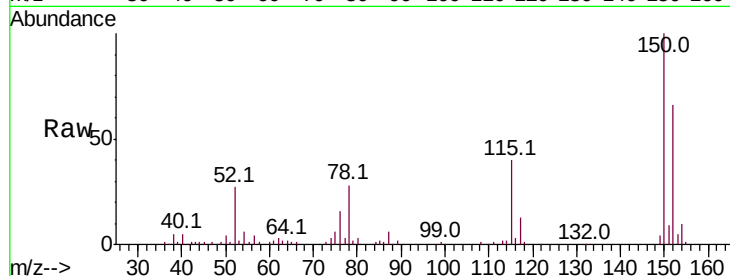


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG036538.D
 Acq: 4 Sep 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 RT-4005

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	60.9	44.5	66.7

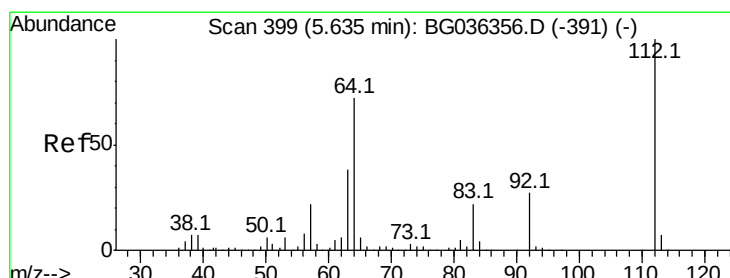
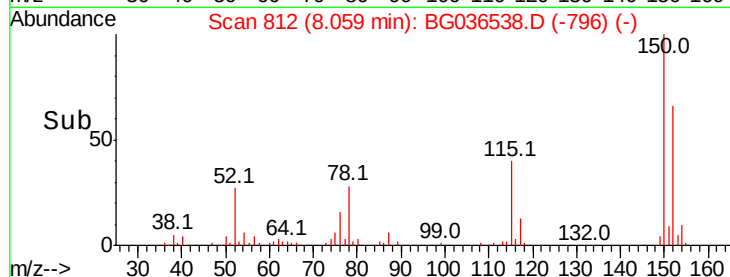
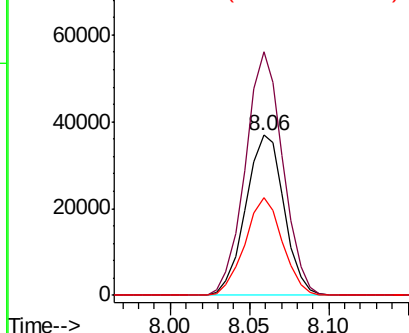


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

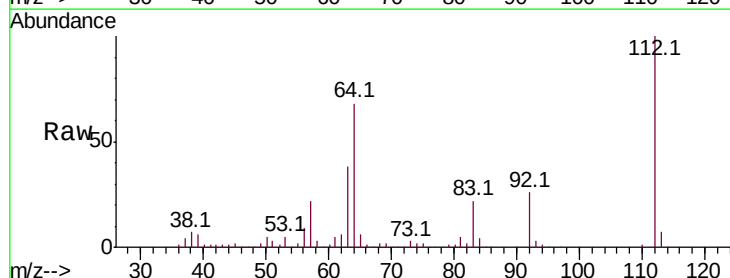
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 96.091 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036538.D
 Acq: 4 Sep 2018 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.2	85.8
63	38.4	30.8	46.2

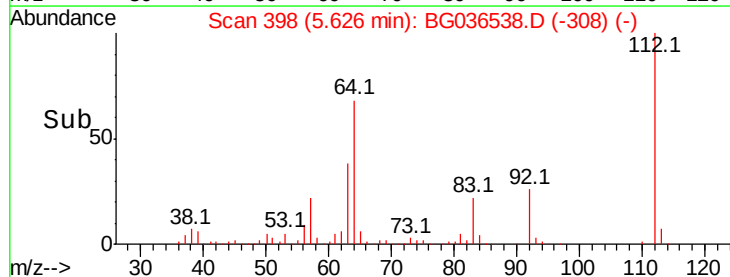
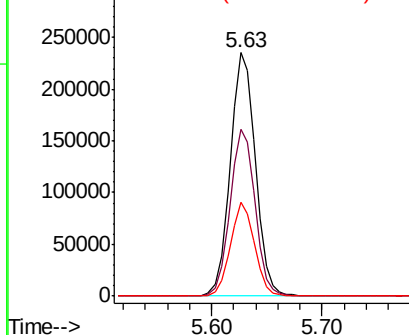


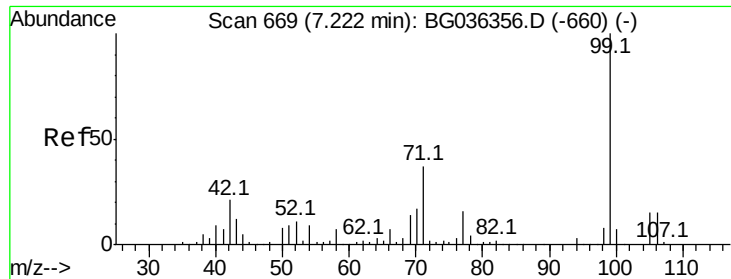
Abundance

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: 84.858 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

Instrument :

BNA_G

ClientSampleId :

RT-4005

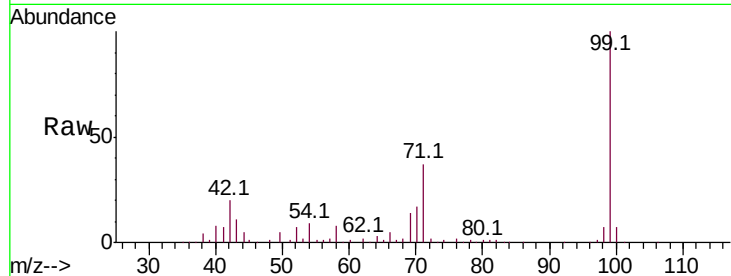
Tot Ion: 99 Resp: 476089

Ion Ratio Lower Upper

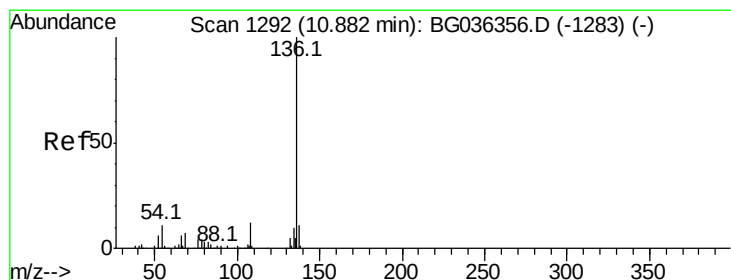
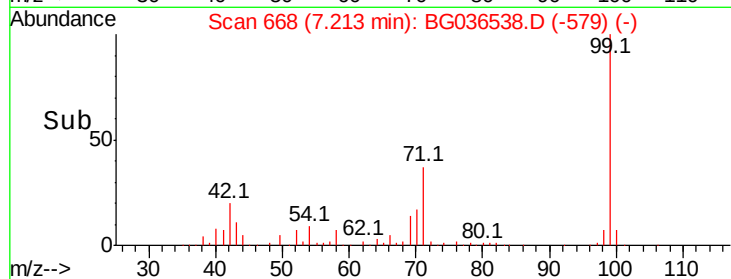
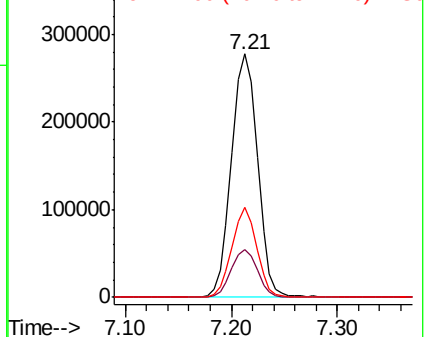
99 100

42 19.9 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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

Tgt Ion: 136 Resp: 255556

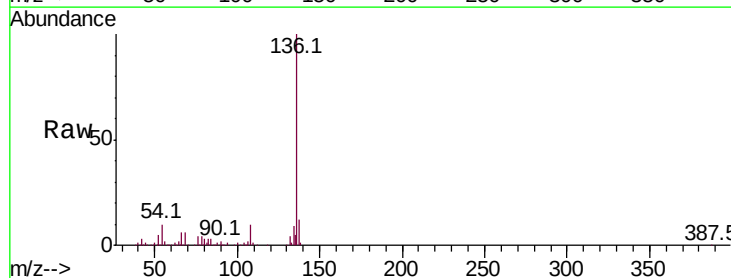
Ion Ratio Lower Upper

136 100

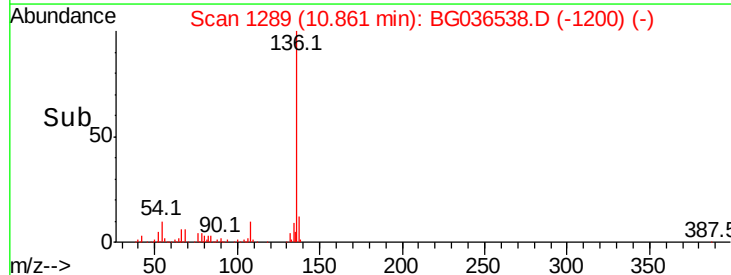
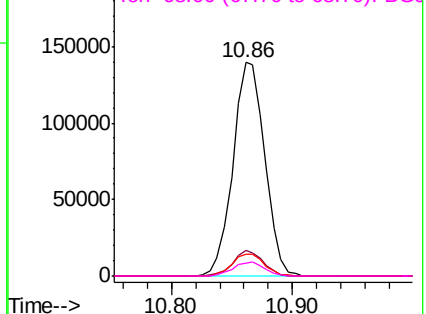
137 11.8 8.8 13.2

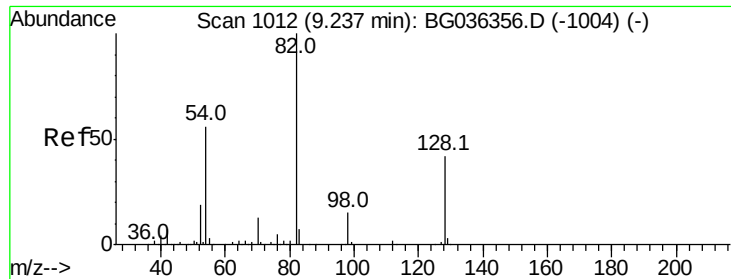
54 10.4 9.2 13.8

68 6.2 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

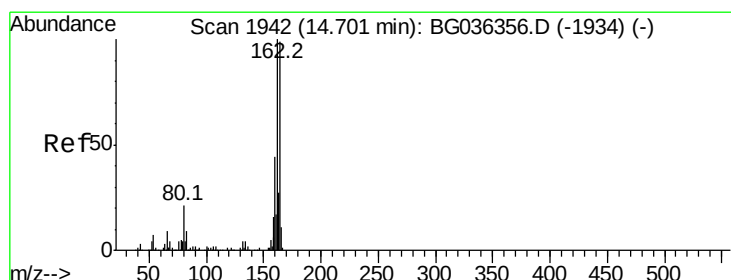
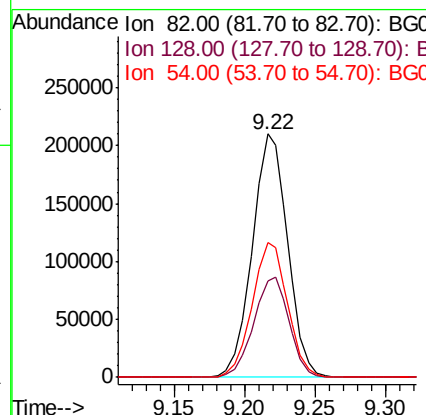
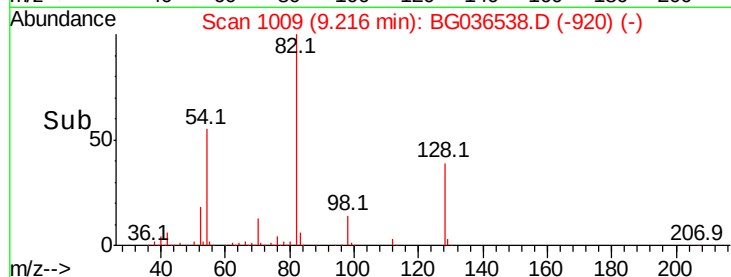
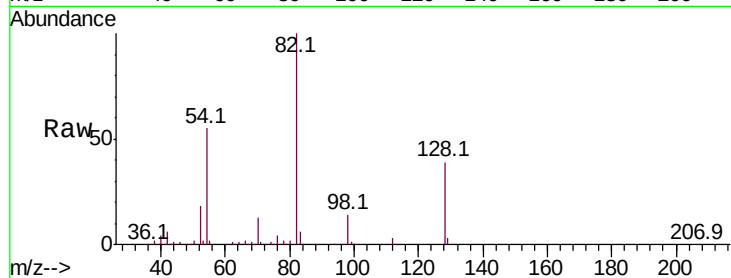




#23
 Nitrobenzene-d5
 Concen: 78.356 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036538.D
 Acq: 4 Sep 2018 19:06

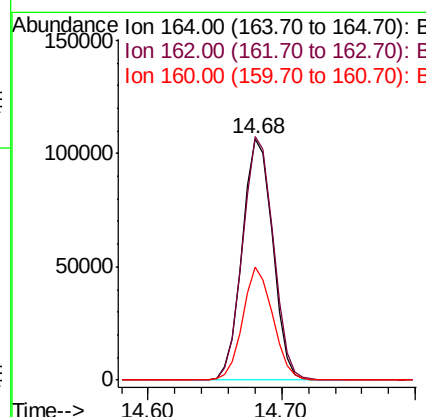
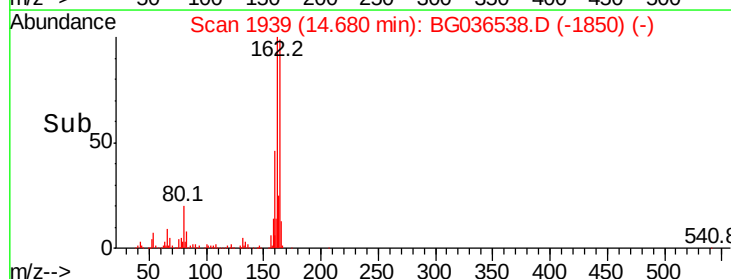
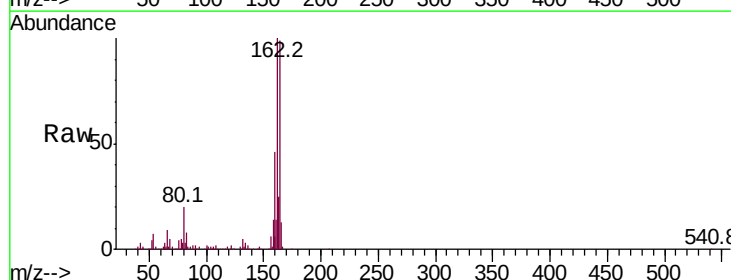
Instrument :
 BNA_G
 ClientSampleID :
 RT-4005

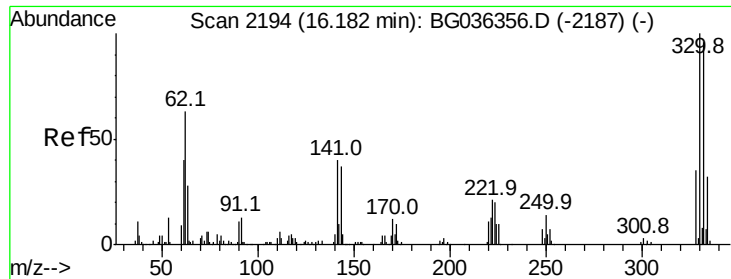
Tot Ion: 82 Resp: 369067
 Ion Ratio Lower Upper
 82 100
 128 39.4 33.3 49.9
 54 55.4 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036538.D
 Acq: 4 Sep 2018 19:06

Tgt Ion: 164 Resp: 167582
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.7 121.1
 160 46.8 35.3 52.9





#41

2,4,6-Tribromophenol

Concen: 115.229 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

Instrument :

BNA_G

ClientSampled :

RT-4005

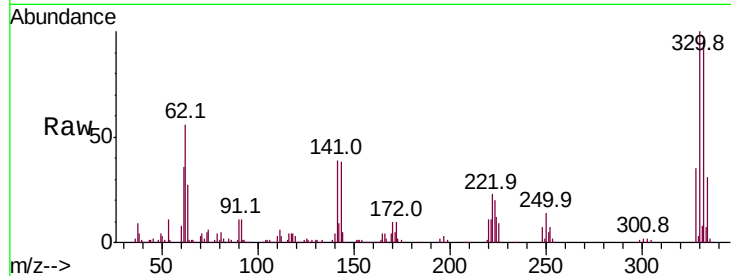
Tot Ion:330 Resp: 230416

Ion Ratio Lower Upper

330 100

332 96.9 75.4 113.2

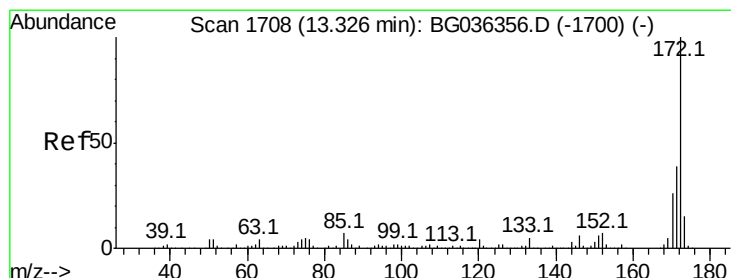
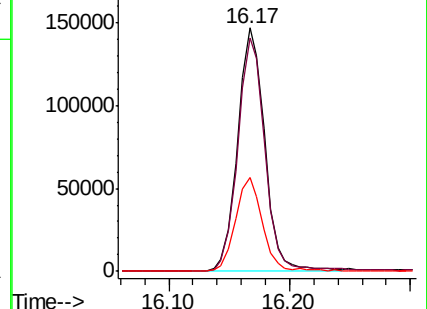
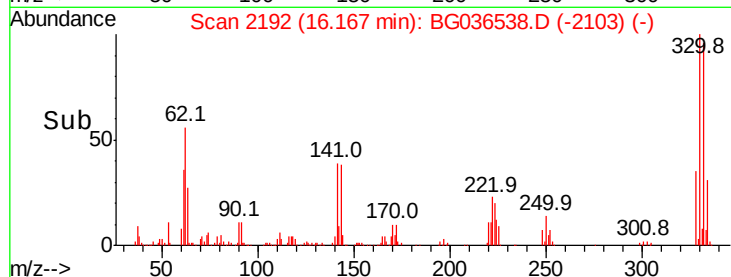
141 38.5 30.7 46.1



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: 71.707 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

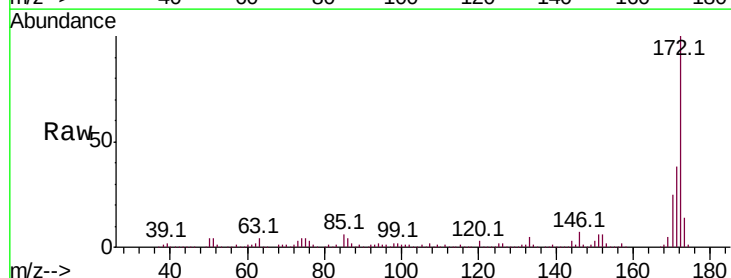
Tgt Ion:172 Resp: 841615

Ion Ratio Lower Upper

172 100

171 38.1 31.3 46.9

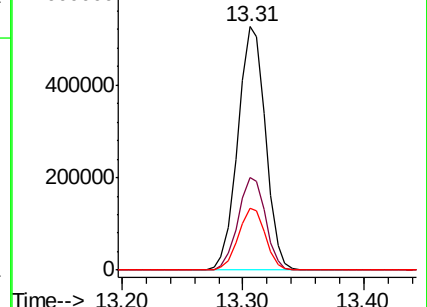
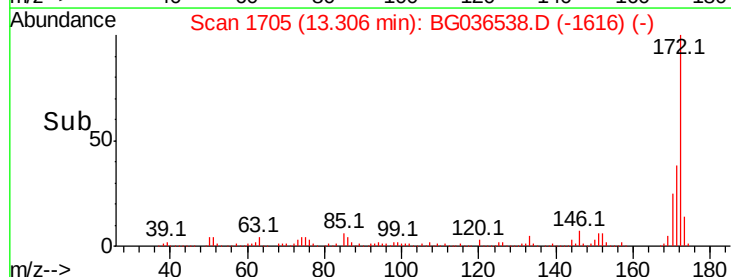
170 25.4 21.0 31.6

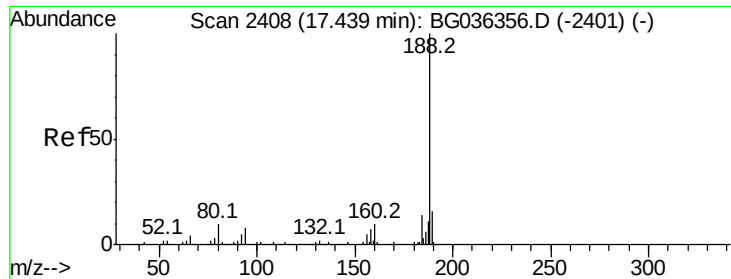


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG036538.D

Acq: 4 Sep 2018 19:06

Instrument :

BNA_G

ClientSampleId :

RT-4005

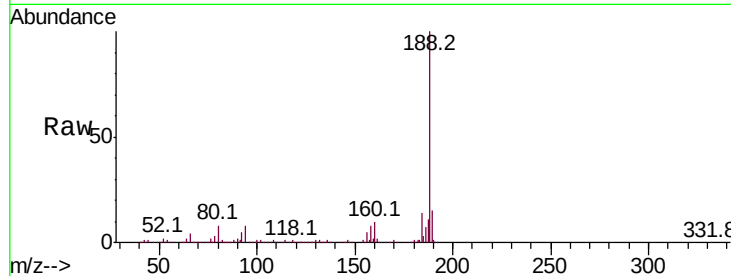
Tot Ion:188 Resp: 431007

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

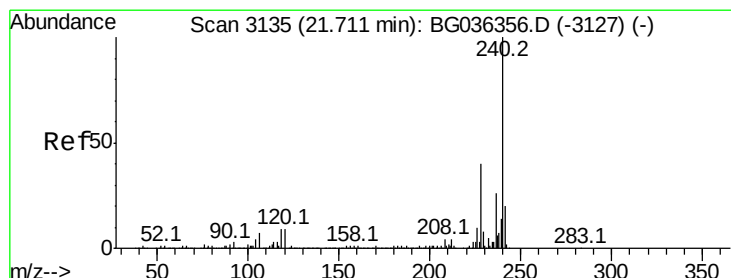
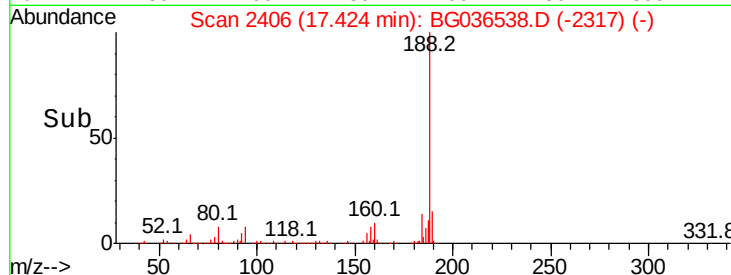
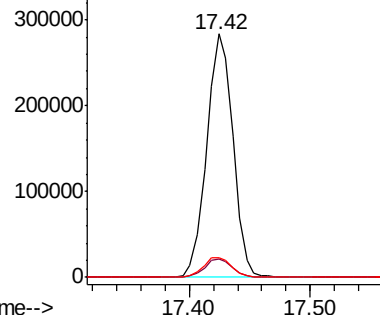
80 8.3 8.1 12.1



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: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

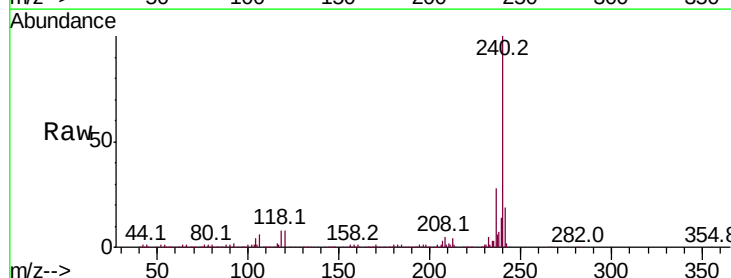
Tgt Ion:240 Resp: 456263

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

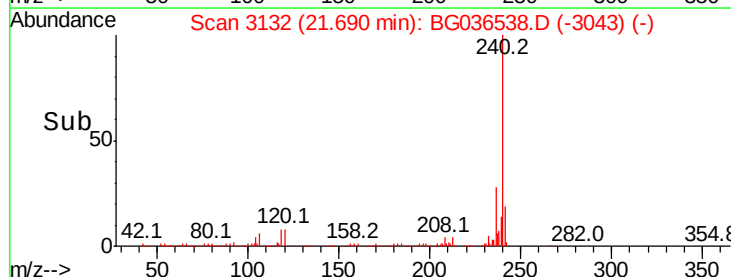
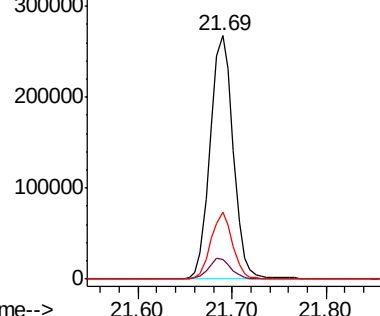
236 27.6 21.2 31.8

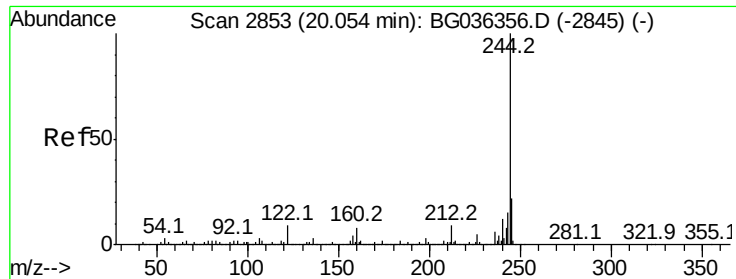


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.450 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

Instrument :

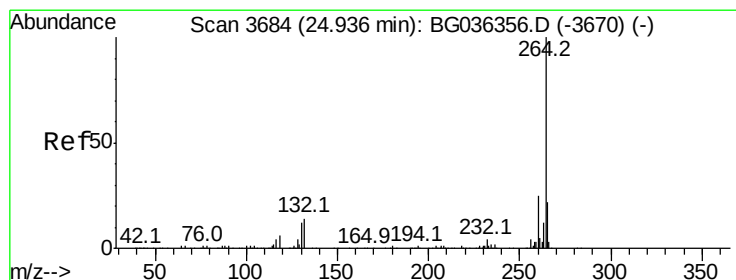
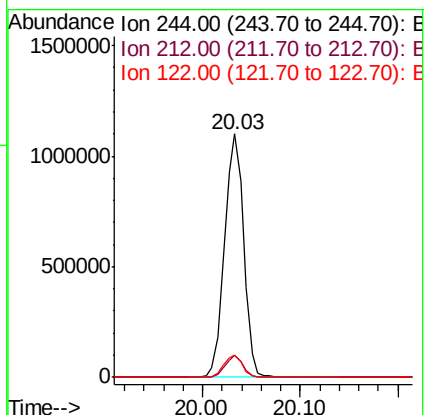
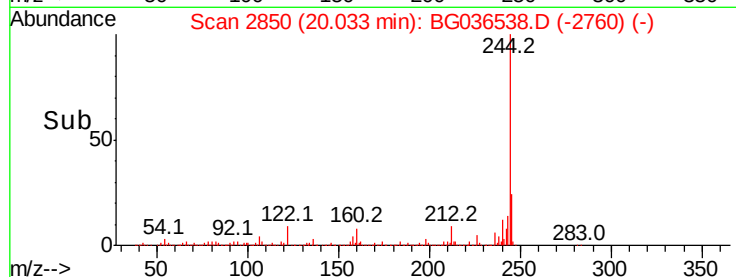
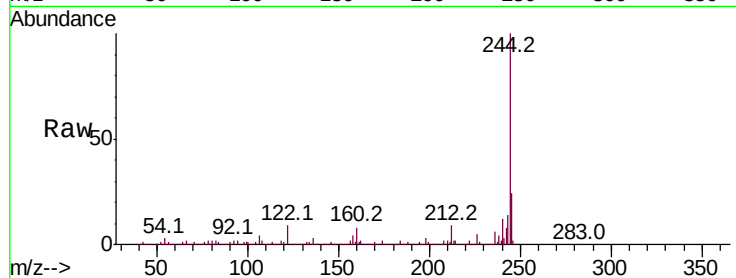
BNA_G

ClientSampled :

RT-4005

Tot Ion:244 Resp: 1492347

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.3	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

Tgt Ion:264 Resp: 451622

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.6	17.4	26.0

