

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037388.D
 Acq On : 17 Oct 2018 12:47
 Operator : JU/SJ
 Sample : J5527-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-STONE

Quant Time: Oct 17 13:54:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64066	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	266451	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	180193	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	471122	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	449017	20.00	ng	-0.02
87) Perylene-d12	25.11	264	422412	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	406122	111.56	ng	0.00
7) Phenol-d6	7.25	99	522220	94.51	ng	0.00
23) Nitrobenzene-d5	9.29	82	377809	93.22	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	220202	124.61	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	885005	73.76	ng	-0.02
79) Terphenyl-d14	20.09	244	1531126	71.60	ng	-0.02

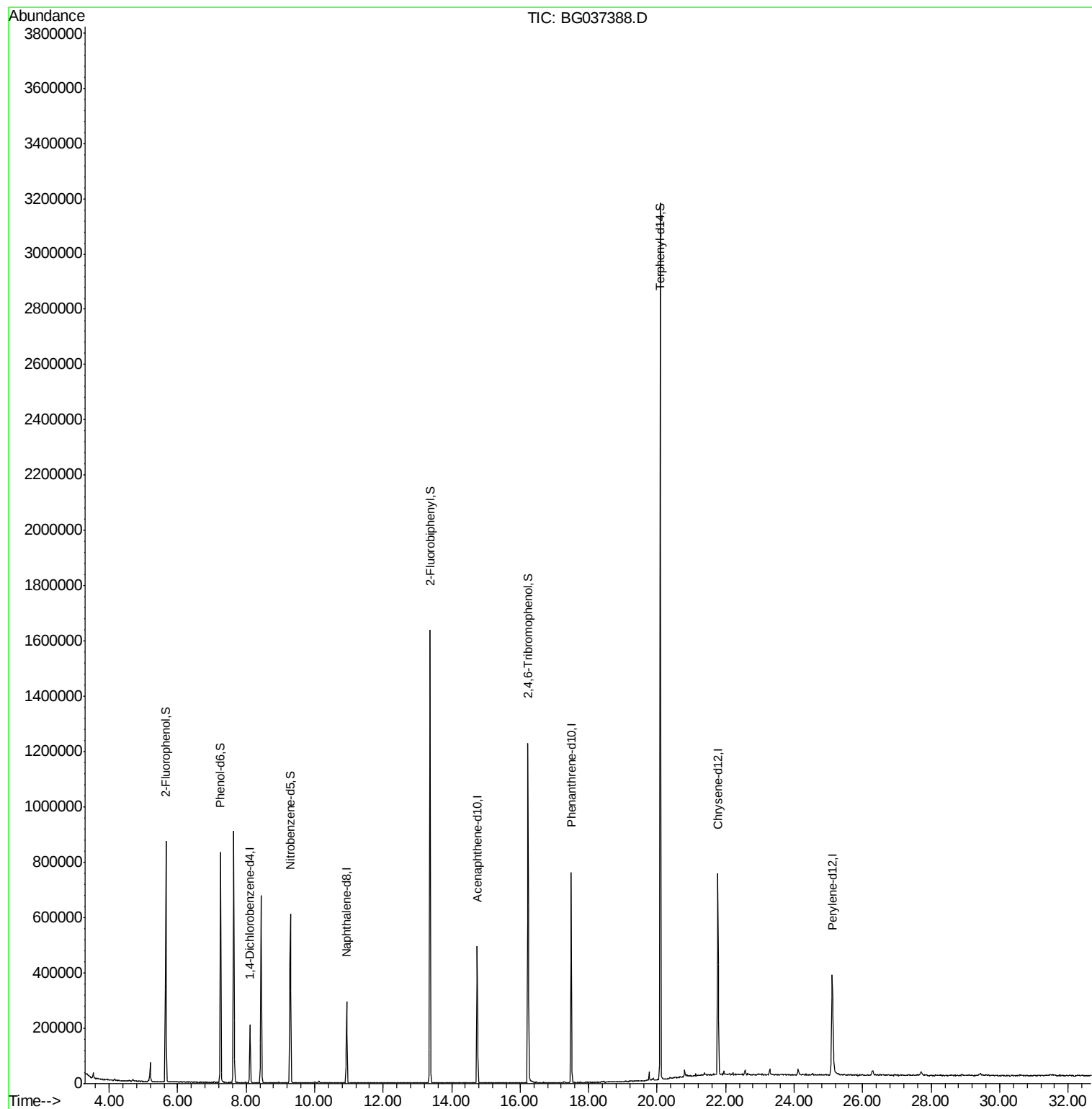
Target Compounds Qvalue

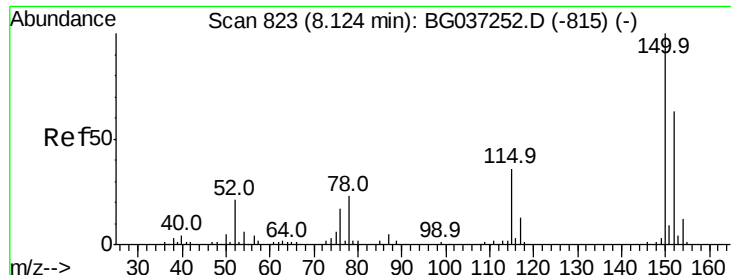
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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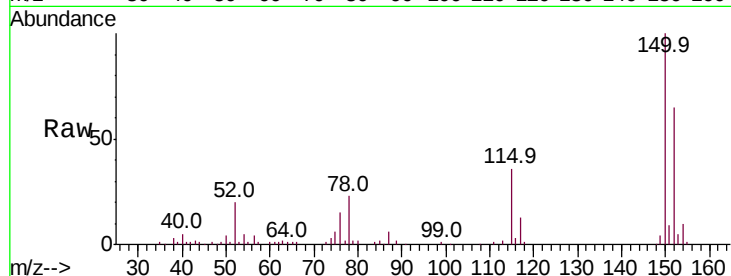


#1

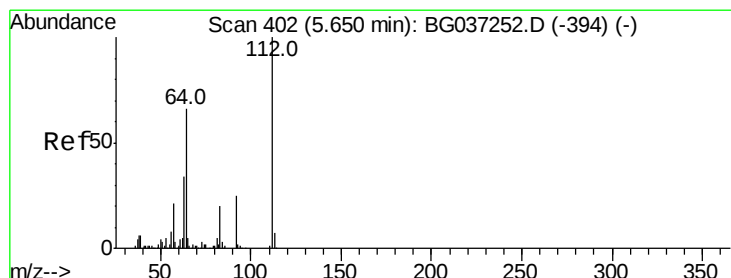
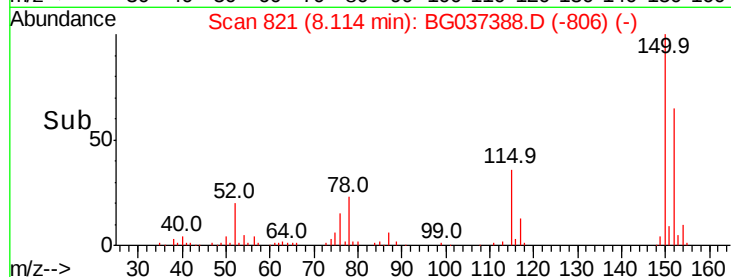
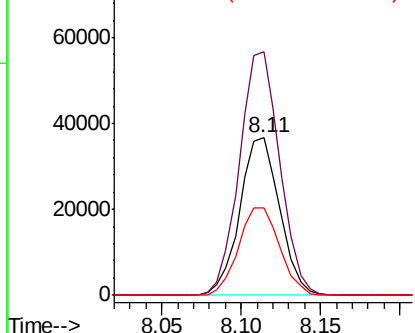
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037388.D
 Acq: 17 Oct 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-STONE

Tot Ion:152 Resp: 64066
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.0 189.0
 115 55.4 45.5 68.3



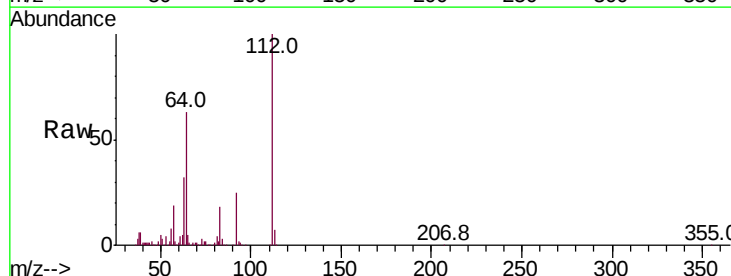
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



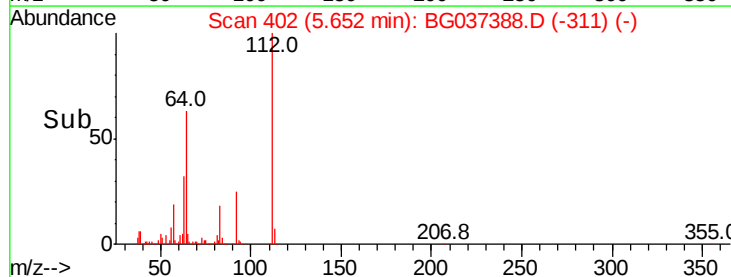
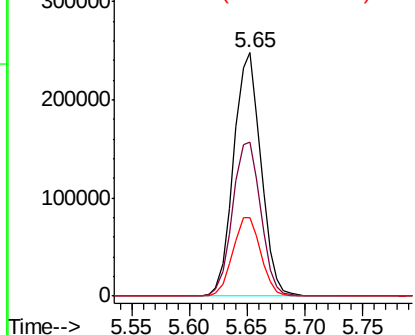
#5

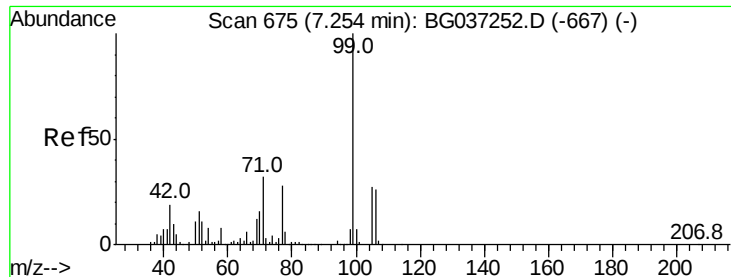
2-Fluorophenol
 Concen: 111.562 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037388.D
 Acq: 17 Oct 2018 12:47

Tgt Ion:112 Resp: 406122
 Ion Ratio Lower Upper
 112 100
 64 63.0 53.1 79.7
 63 32.2 27.3 40.9



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: 94.513 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037388.D

Acq: 17 Oct 2018 12:47

Instrument :

BNA_G

ClientSampleId :

SP-STONE

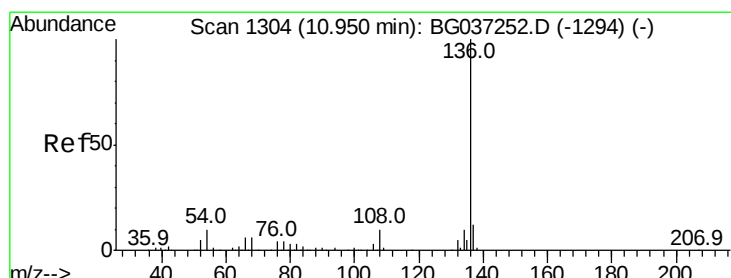
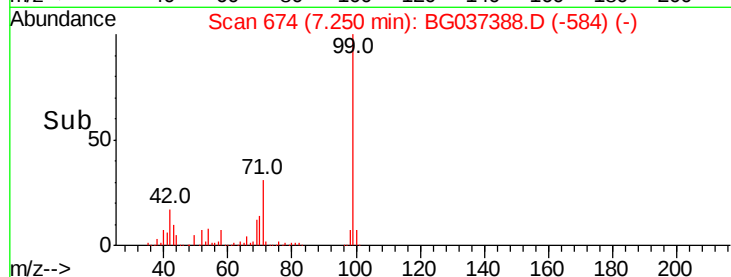
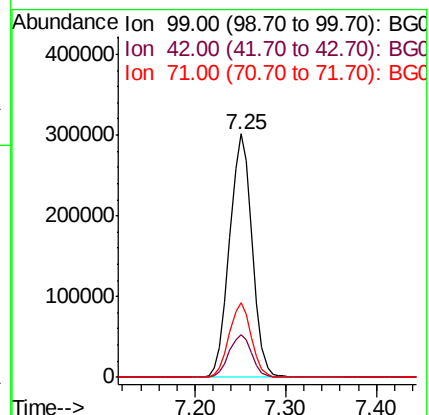
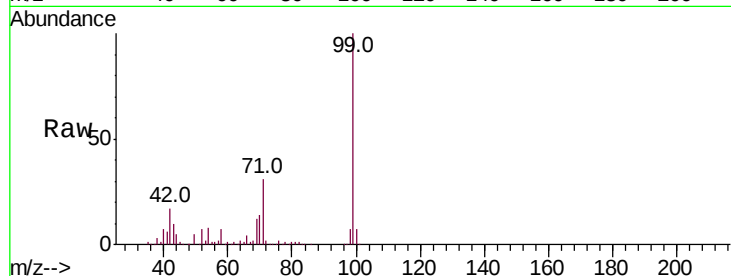
Tot Ion: 99 Resp: 522220

Ion Ratio Lower Upper

99 100

42 17.4 15.0 22.4

71 30.6 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037388.D

Acq: 17 Oct 2018 12:47

Tgt Ion: 136 Resp: 266451

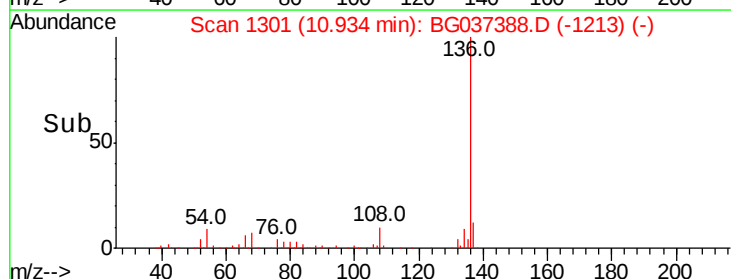
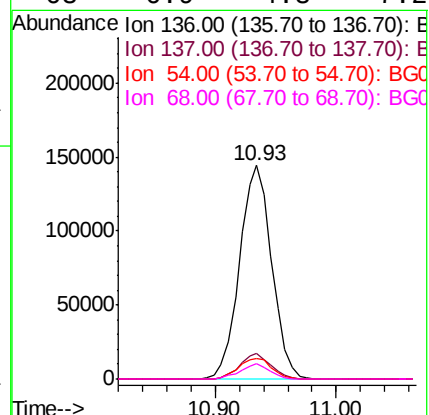
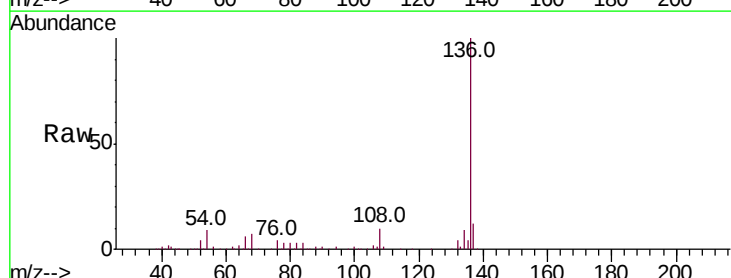
Ion Ratio Lower Upper

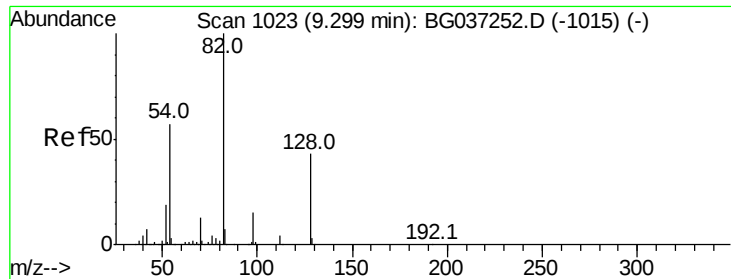
136 100

137 11.8 9.6 14.4

54 9.4 7.9 11.9

68 6.9 4.8 7.2

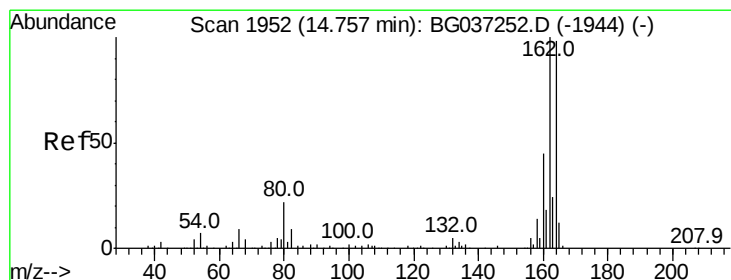
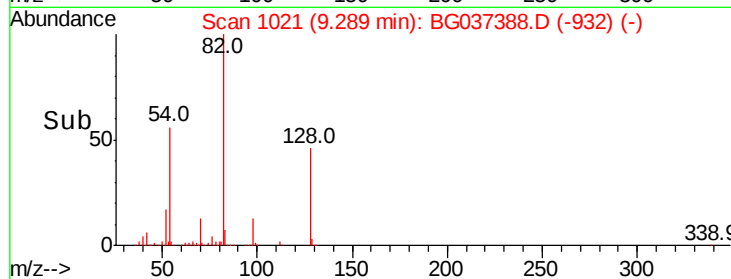
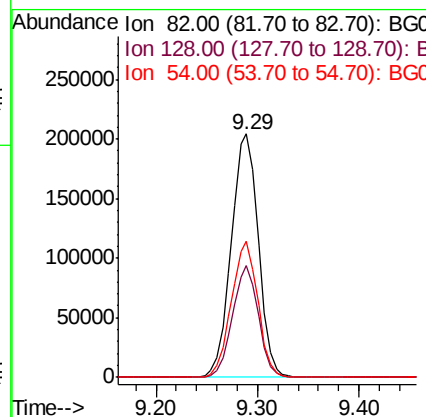
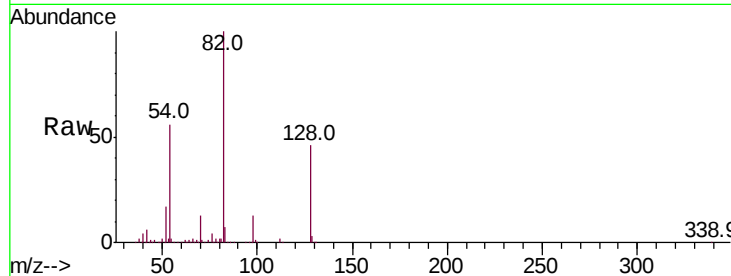




#23
 Nitrobenzene-d5
 Concen: 93.222 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037388.D
 Acq: 17 Oct 2018 12:47

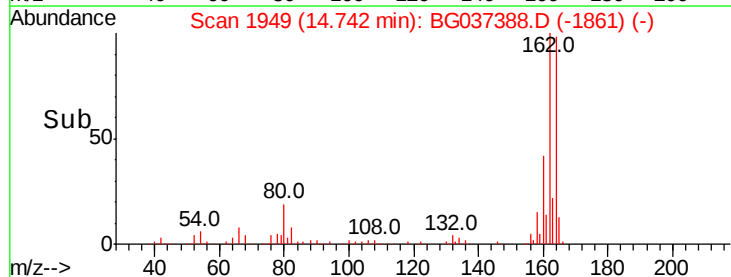
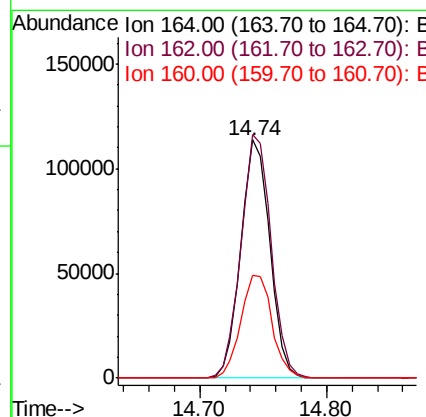
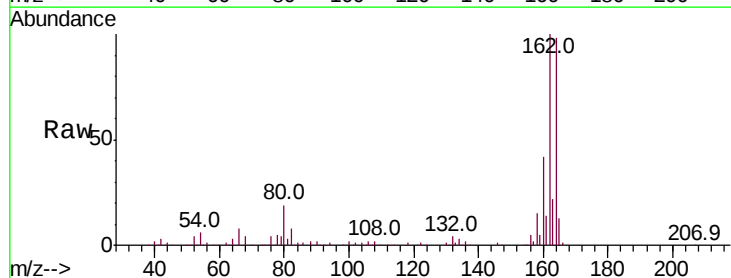
Instrument :
 BNA_G
 ClientSampleId :
 SP-STONE

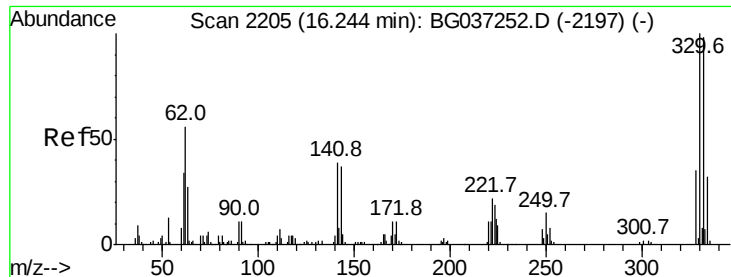
Tot Ion	82	Resp	377809
Ion Ratio	Lower	Upper	
82	100		
128	45.9	34.6	51.8
54	55.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG037388.D
 Acq: 17 Oct 2018 12:47

Tgt Ion	164	Resp	180193
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.3	121.9
160	43.0	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 124.606 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037388.D

Acq: 17 Oct 2018 12:47

Instrument :

BNA_G

ClientSampleId :

SP-STONE

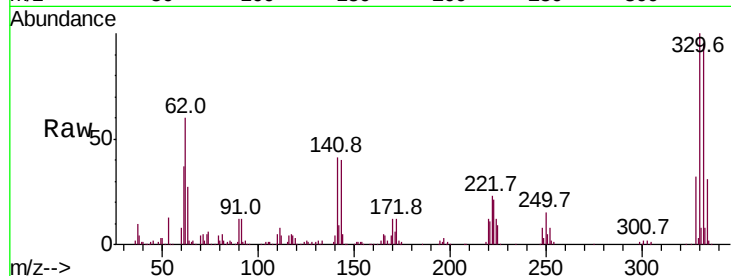
Tot Ion:330 Resp: 220202

Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

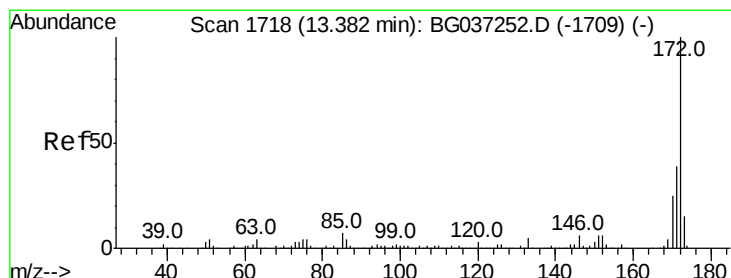
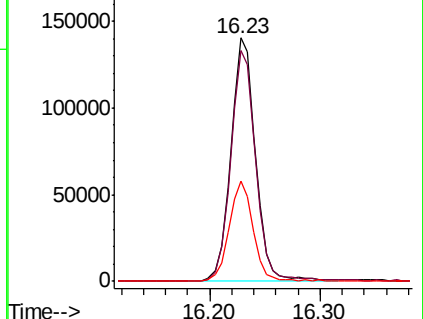
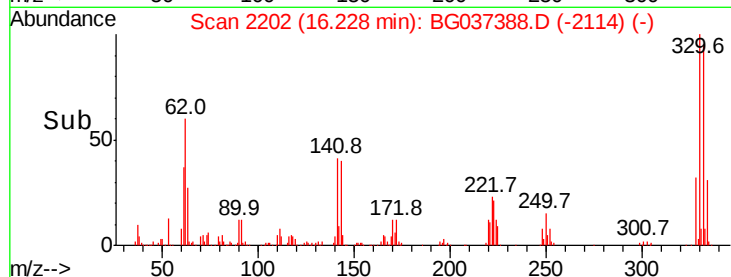
141 40.2 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 73.758 ng

RT: 13.37 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BG037388.D

Acq: 17 Oct 2018 12:47

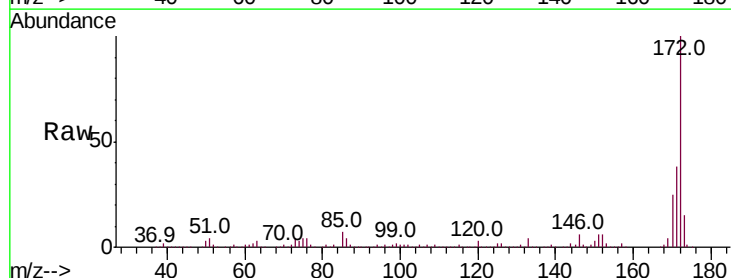
Tgt Ion:172 Resp: 885005

Ion Ratio Lower Upper

172 100

171 38.0 31.0 46.4

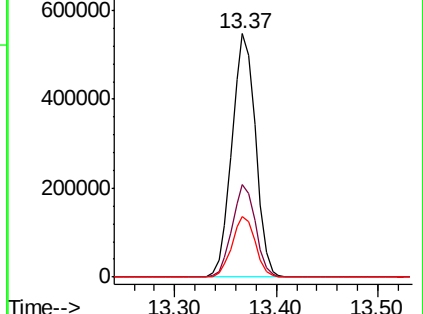
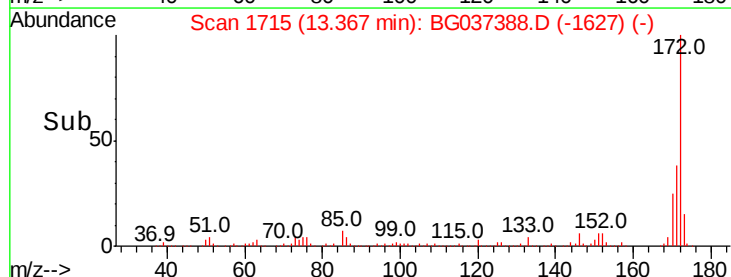
170 24.9 20.2 30.2

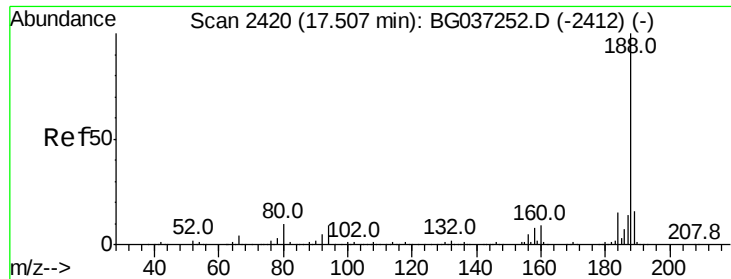


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037388.D

Acq: 17 Oct 2018 12:47

Instrument :

BNA_G

ClientSampleId :

SP-STONE

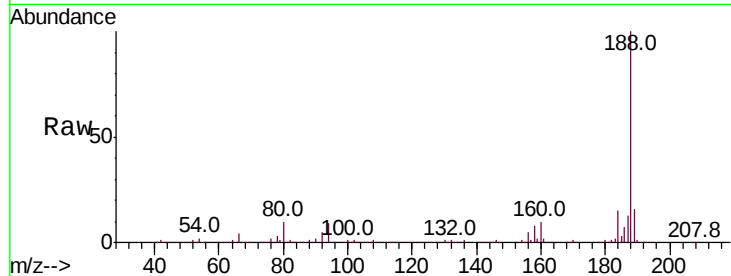
Tot Ion:188 Resp: 471122

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

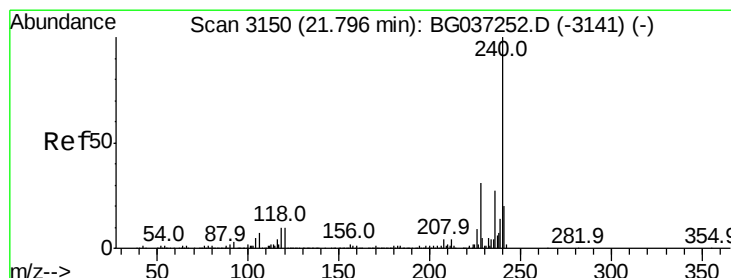
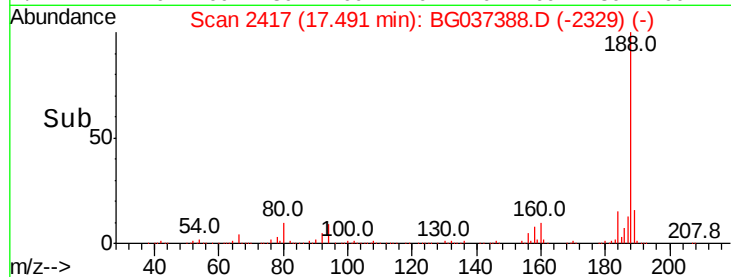
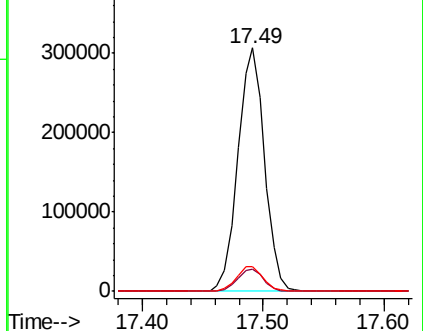
80 10.3 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037388.D

Acq: 17 Oct 2018 12:47

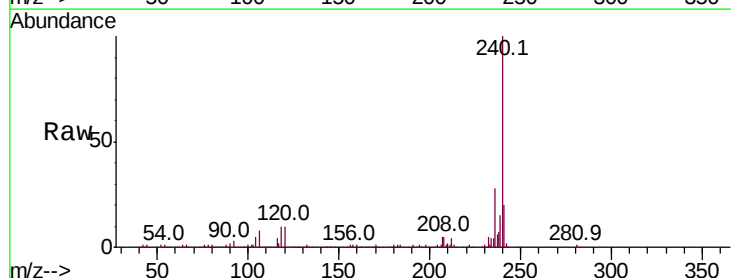
Tgt Ion:240 Resp: 449017

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

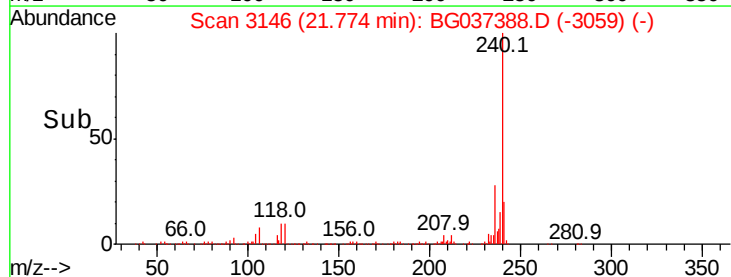
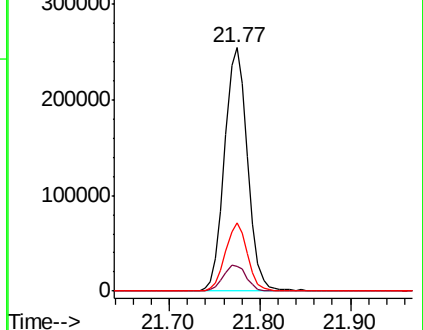
236 28.2 21.4 32.0

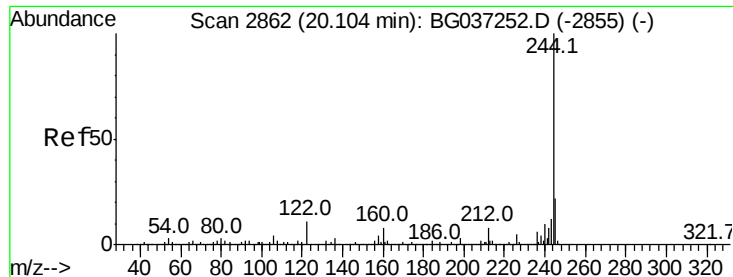


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.600 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037388.D

Acq: 17 Oct 2018 12:47

Instrument :

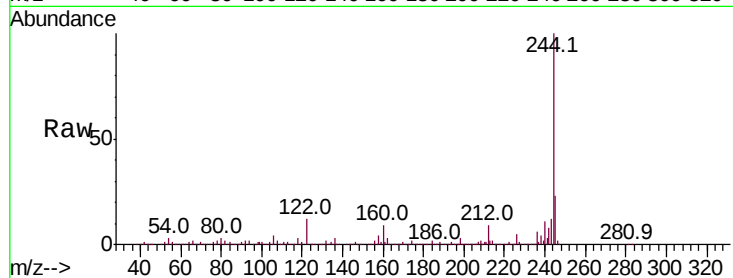
BNA_G

ClientSampleId :

SP-STONE

Tot Ion:244 Resp: 1531126

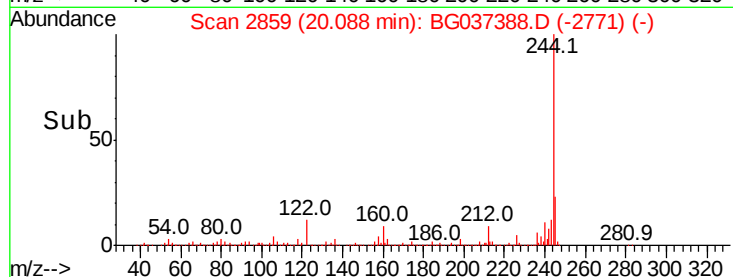
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	12.1	9.0	13.4



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



Abundance

20.09

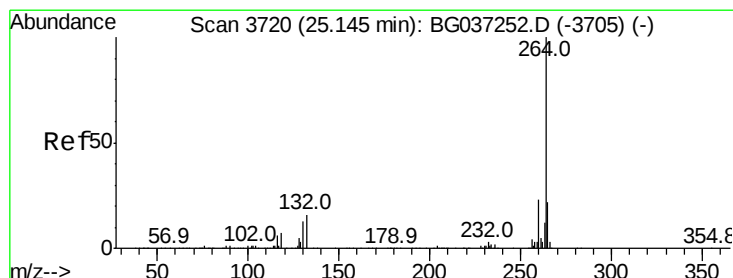
1000000

500000

0

Time-->

20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

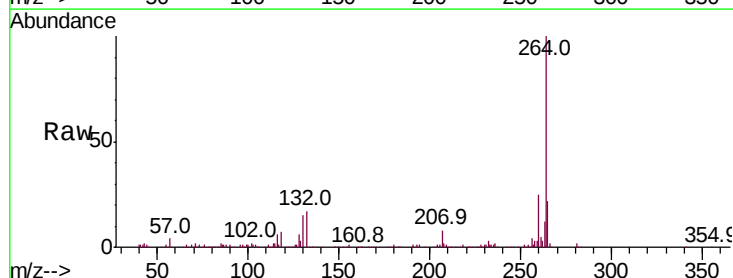
Delta R.T. -0.03 min

Lab File: BG037388.D

Acq: 17 Oct 2018 12:47

Tgt Ion:264 Resp: 422412

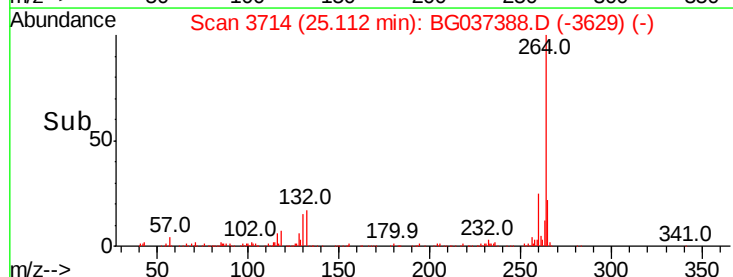
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.9	17.9	26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Abundance

25.11

150000

100000

50000

0

Time-->

25.00 25.20