

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037575.D
 Acq On : 26 Oct 2018 11:18
 Operator : JU/SJ
 Sample : J5655-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0007

Quant Time: Oct 26 13:41:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52498	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	231316	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	157426	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	379881	20.00	ng	0.00
76) Chrysene-d12	21.76	240	352483	20.00	ng	-0.01
87) Perylene-d12	25.10	264	329393	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	162489	51.75	ng	0.00
7) Phenol-d6	7.25	99	136107	28.66	ng	0.00
23) Nitrobenzene-d5	9.28	82	334331	80.97	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	204641	119.18	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	821477	78.69	ng	-0.01
79) Terphenyl-d14	20.08	244	1287044	78.02	ng	0.00

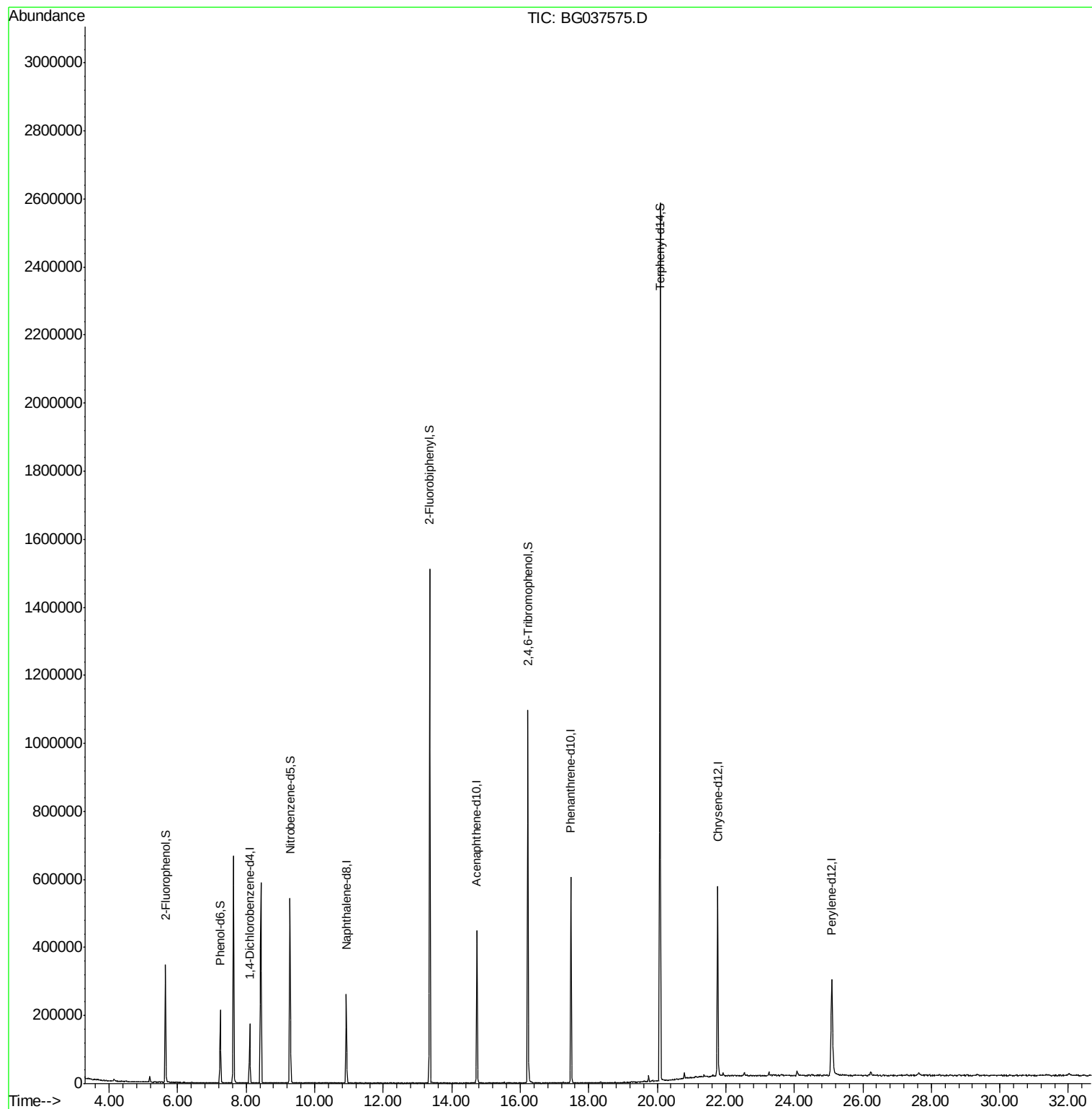
Target Compounds Qvalue

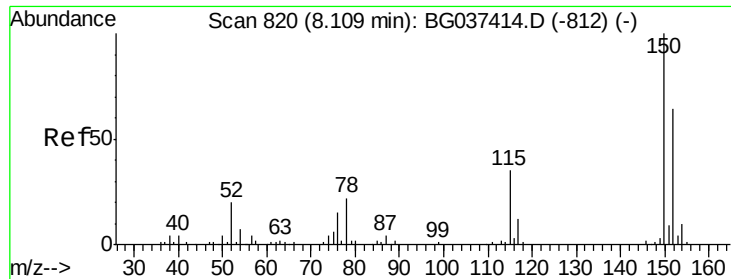
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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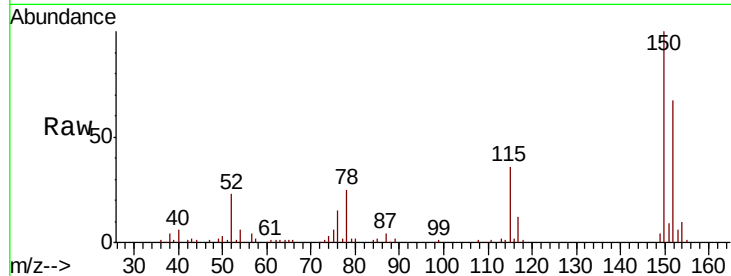


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037575.D
Acq: 26 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :
S37-0007

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	126.0	189.0
115	52.8	45.5	68.3

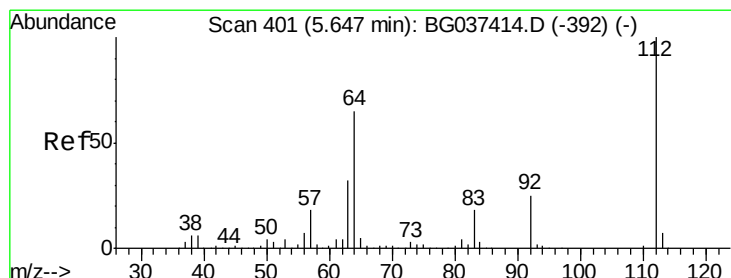
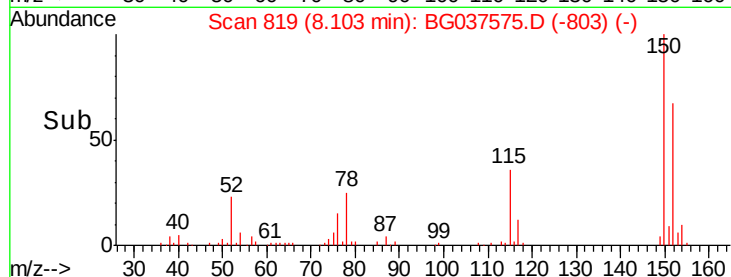
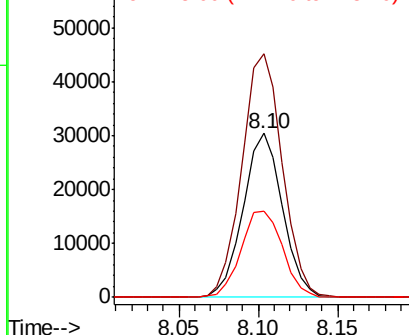


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

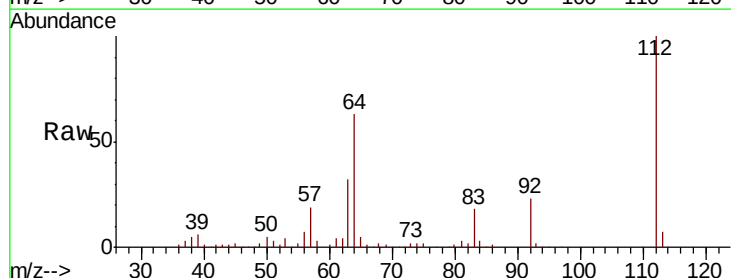
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.746 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037575.D
Acq: 26 Oct 2018 11:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	53.1	79.7
63	32.4	27.3	40.9

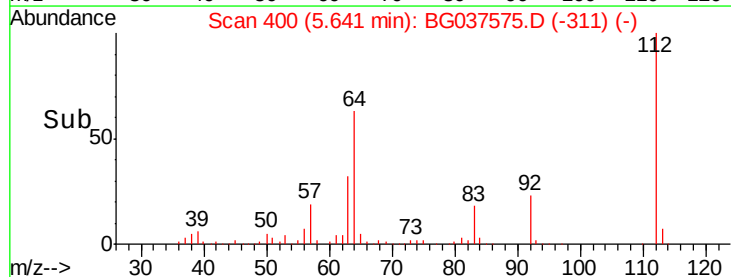
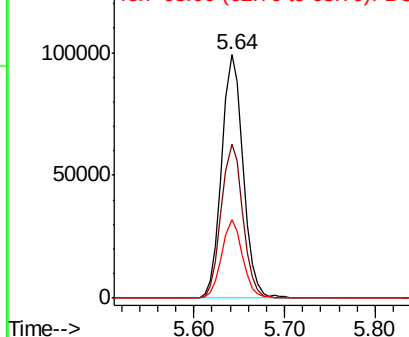


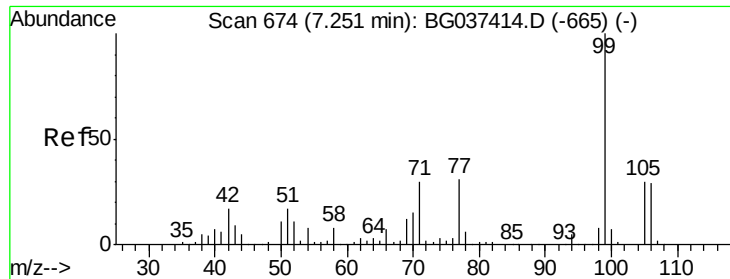
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.665 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

S37-0007

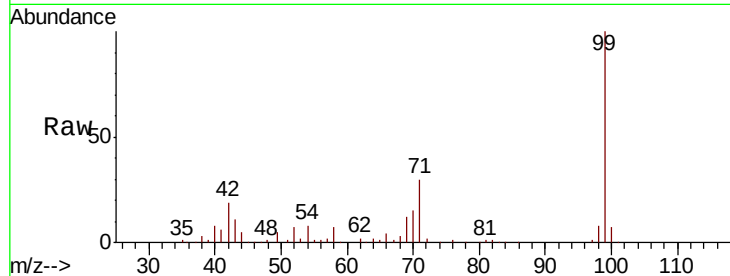
Tot Ion: 99 Resp: 136107

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

71 30.5 25.5 38.3

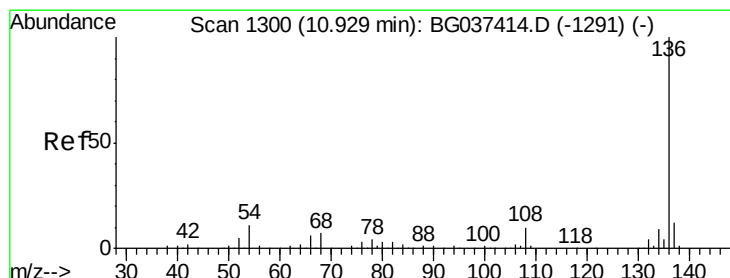
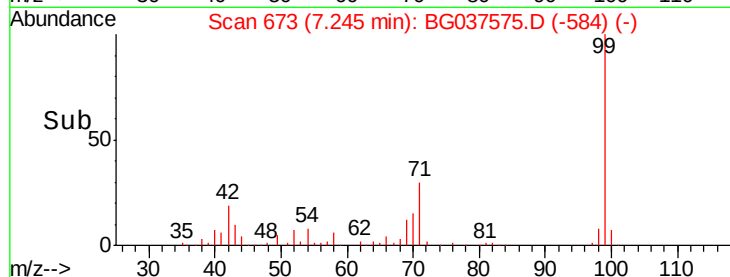
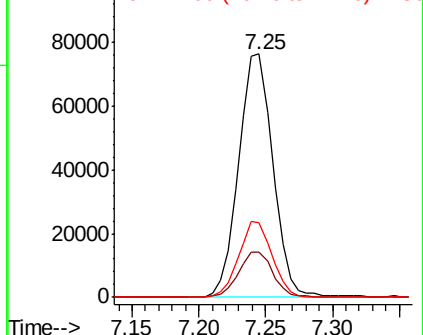


Abundance

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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

Tgt Ion: 136 Resp: 231316

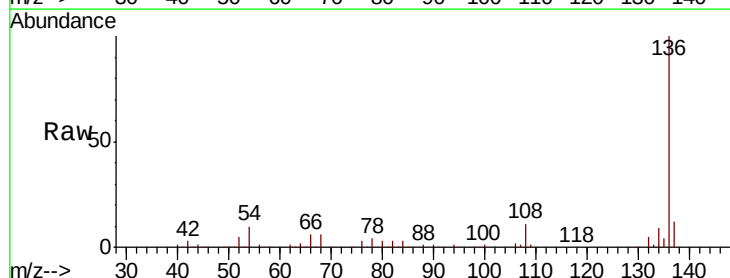
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 10.4 7.9 11.9

68 5.8 4.8 7.2



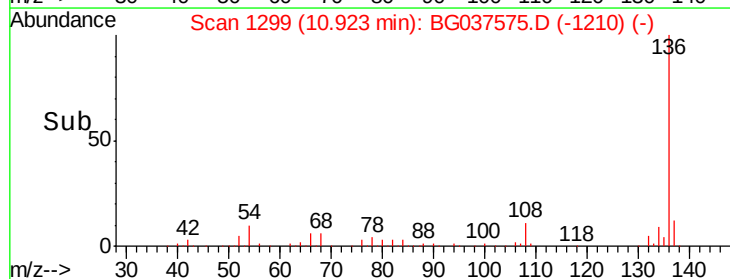
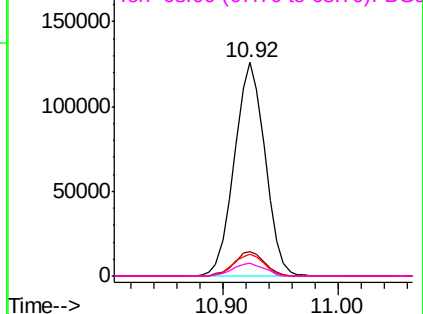
Abundance

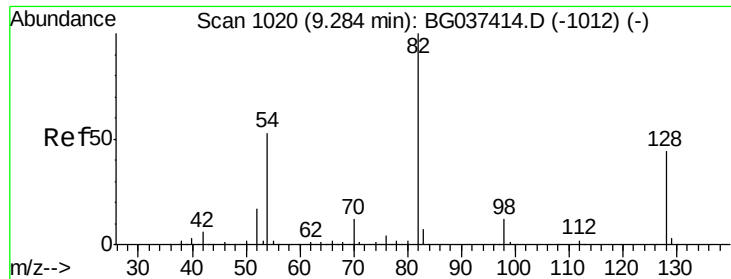
Ion 136.00 (135.70 to 136.70): BGC

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

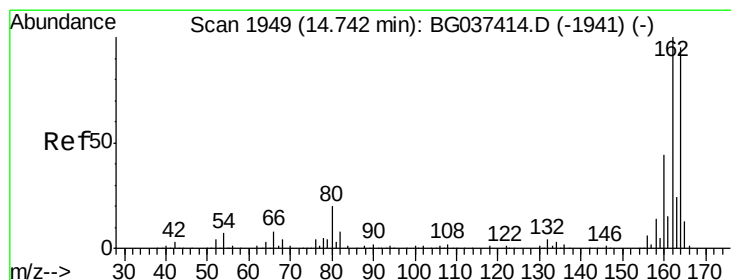
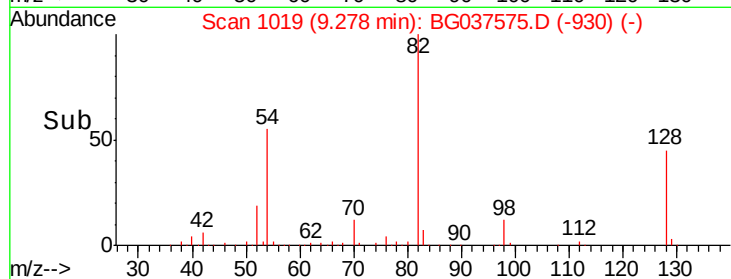
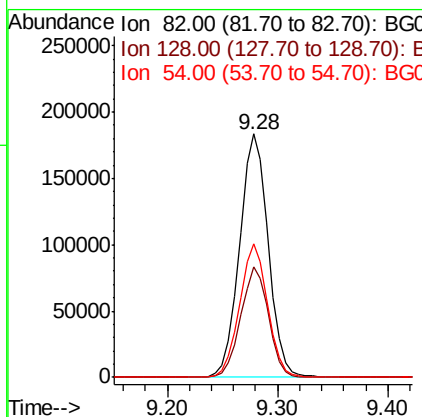
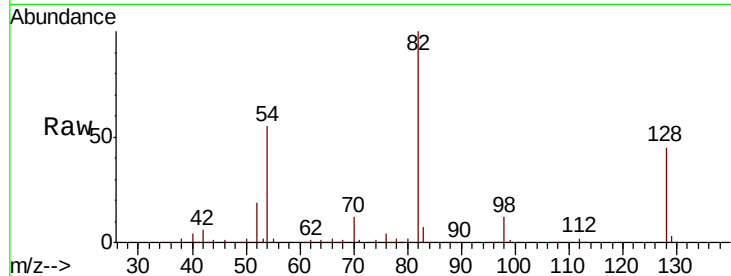




#23
 Nitrobenzene-d5
 Concen: 80.967 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

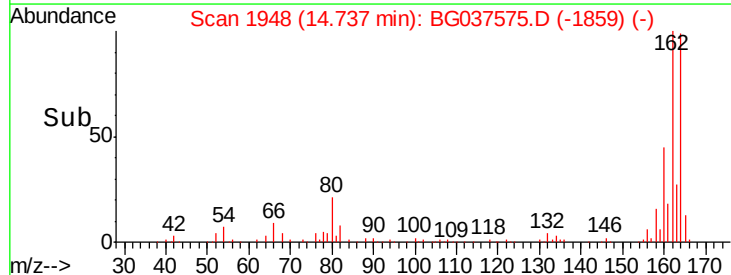
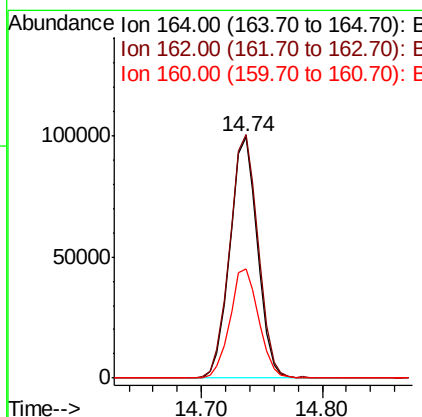
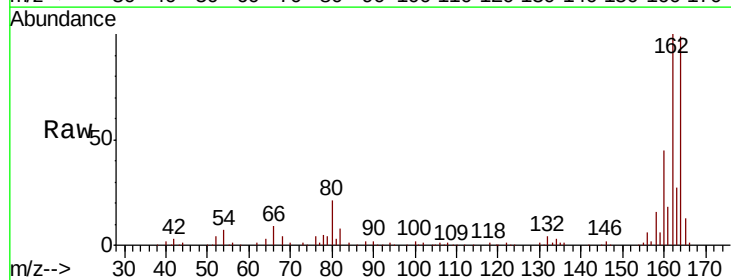
Instrument :
 BNA_G
 ClientSampleId :
 S37-0007

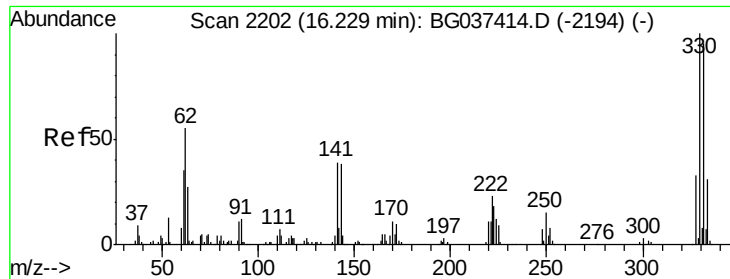
Tot Ion	82.00	Resp	334331
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.6	51.8
54	54.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

Tgt Ion	164.00	Resp	157426
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.3	121.9
160	45.3	36.3	54.5

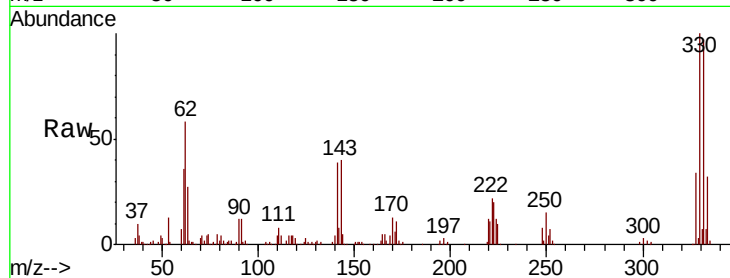




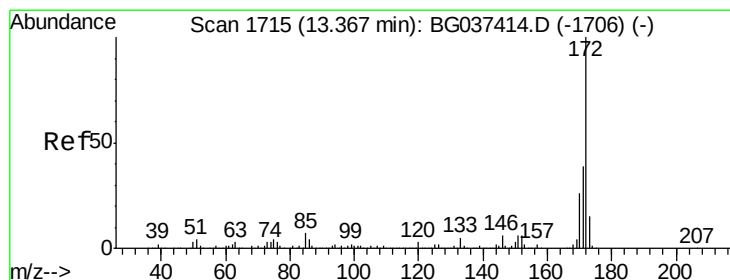
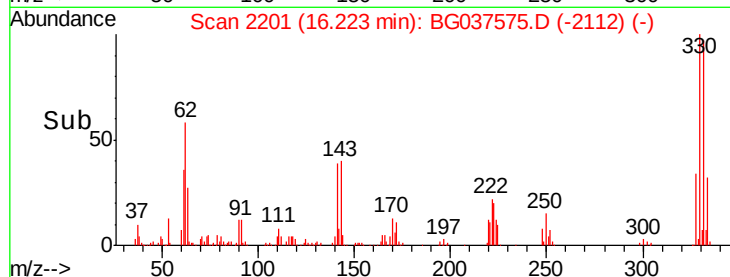
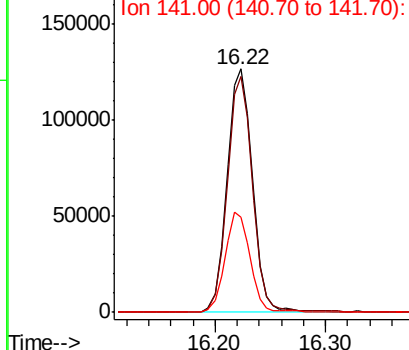
#42
 2,4,6-Tribromophenol
 Concen: 119.183 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

Instrument :
 BNA_G
 ClientSampleId :
 S37-0007

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	40.2	32.2	48.2

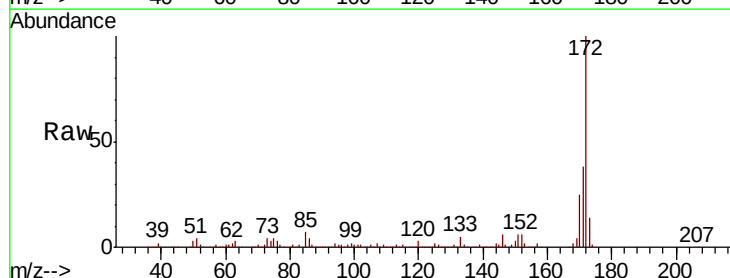


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

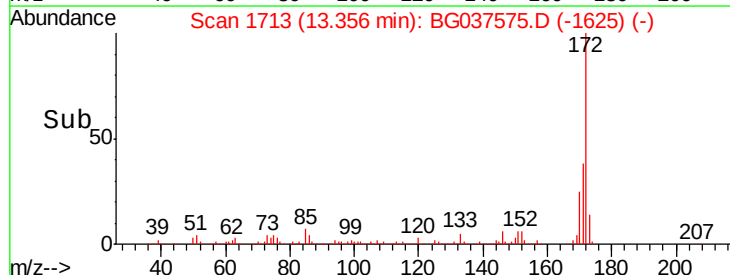
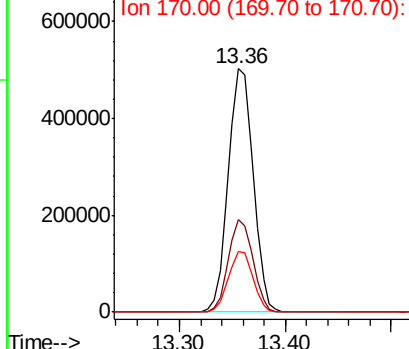


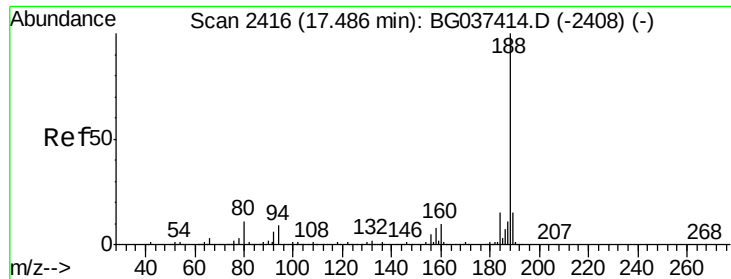
#45
 2-Fluorobiphenyl
 Concen: 78.687 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.7	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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

S37-0007

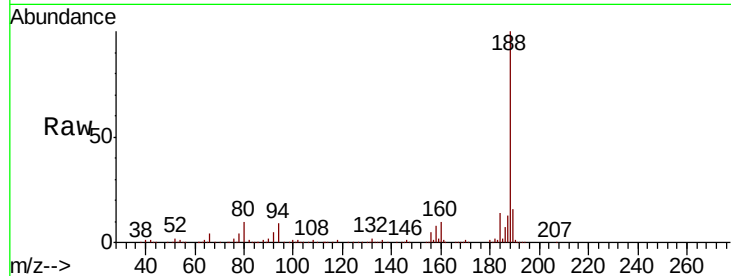
Tot Ion:188 Resp: 379881

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

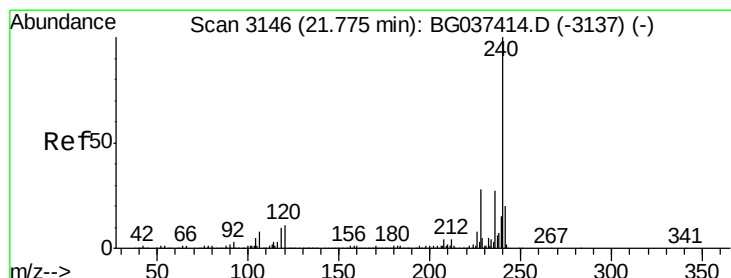
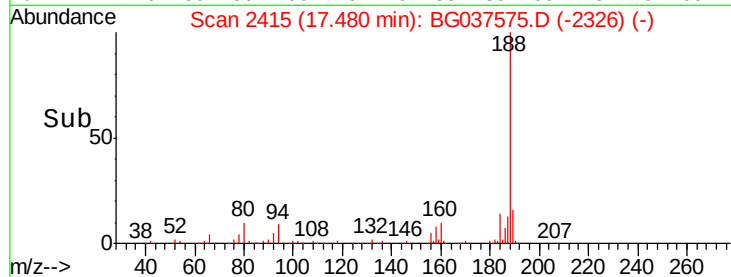
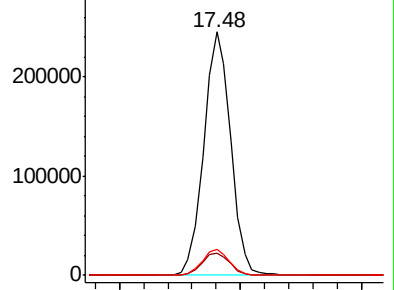
80 10.4 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

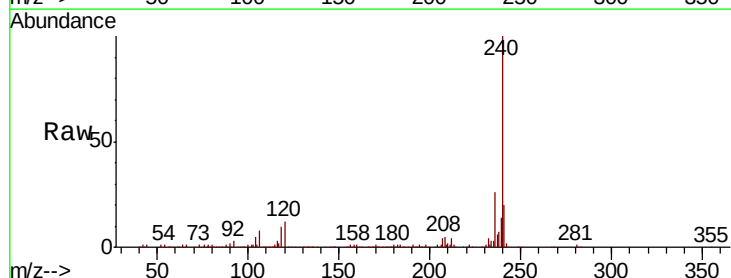
Tgt Ion:240 Resp: 352483

Ion Ratio Lower Upper

240 100

120 11.8 8.1 12.1

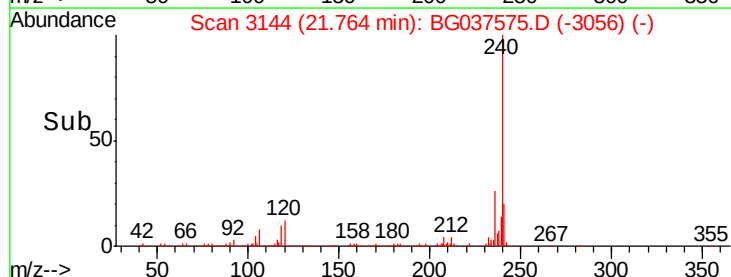
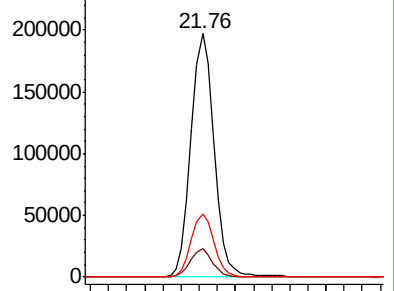
236 26.2 21.4 32.0

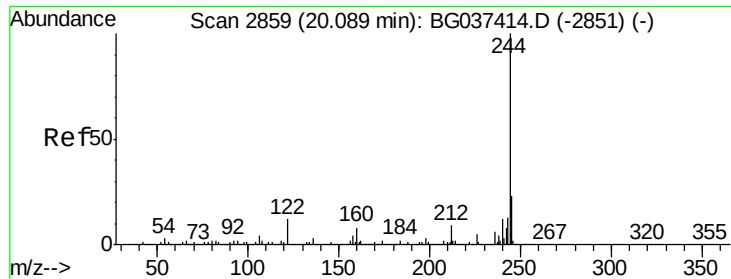


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.021 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

S37-0007

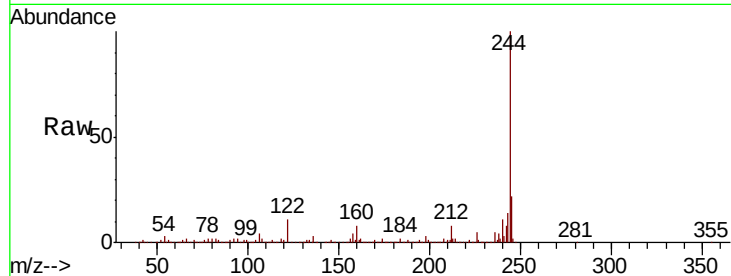
Tot Ion:244 Resp: 1287044

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

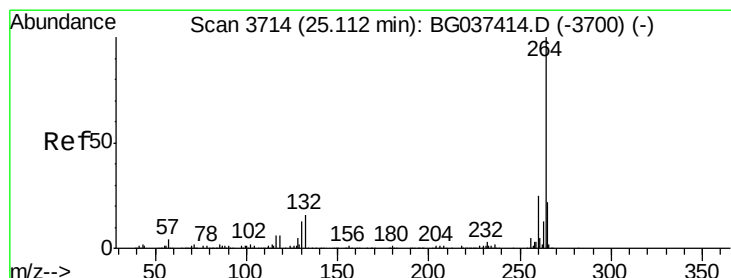
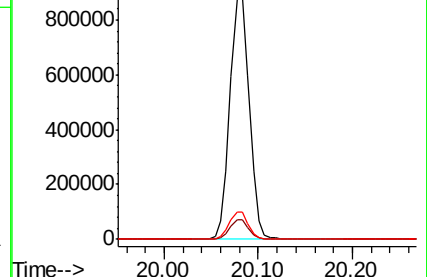
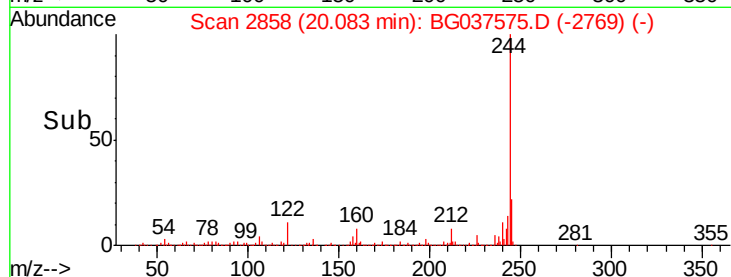
122 11.1 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

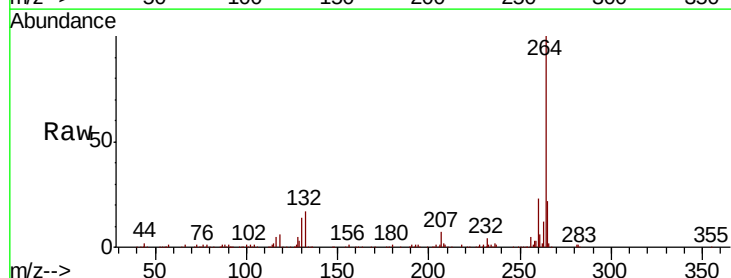
Tgt Ion:264 Resp: 329393

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 22.0 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

