

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037576.D
 Acq On : 26 Oct 2018 11:56
 Operator : JU/SJ
 Sample : J5655-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0004

Quant Time: Oct 26 13:42:17 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	8.11	152	50380	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	222572	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	150324	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	382221	20.00	ng	0.00
76) Chrysene-d12	21.77	240	349060	20.00	ng	0.00
87) Perylene-d12	25.10	264	336071	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	167772	55.67	ng	0.00
7) Phenol-d6	7.24	99	148721	32.64	ng	0.00
23) Nitrobenzene-d5	9.28	82	321183	80.84	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	201441	122.86	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	789272	79.17	ng	0.00
79) Terphenyl-d14	20.08	244	1293229	79.16	ng	0.00

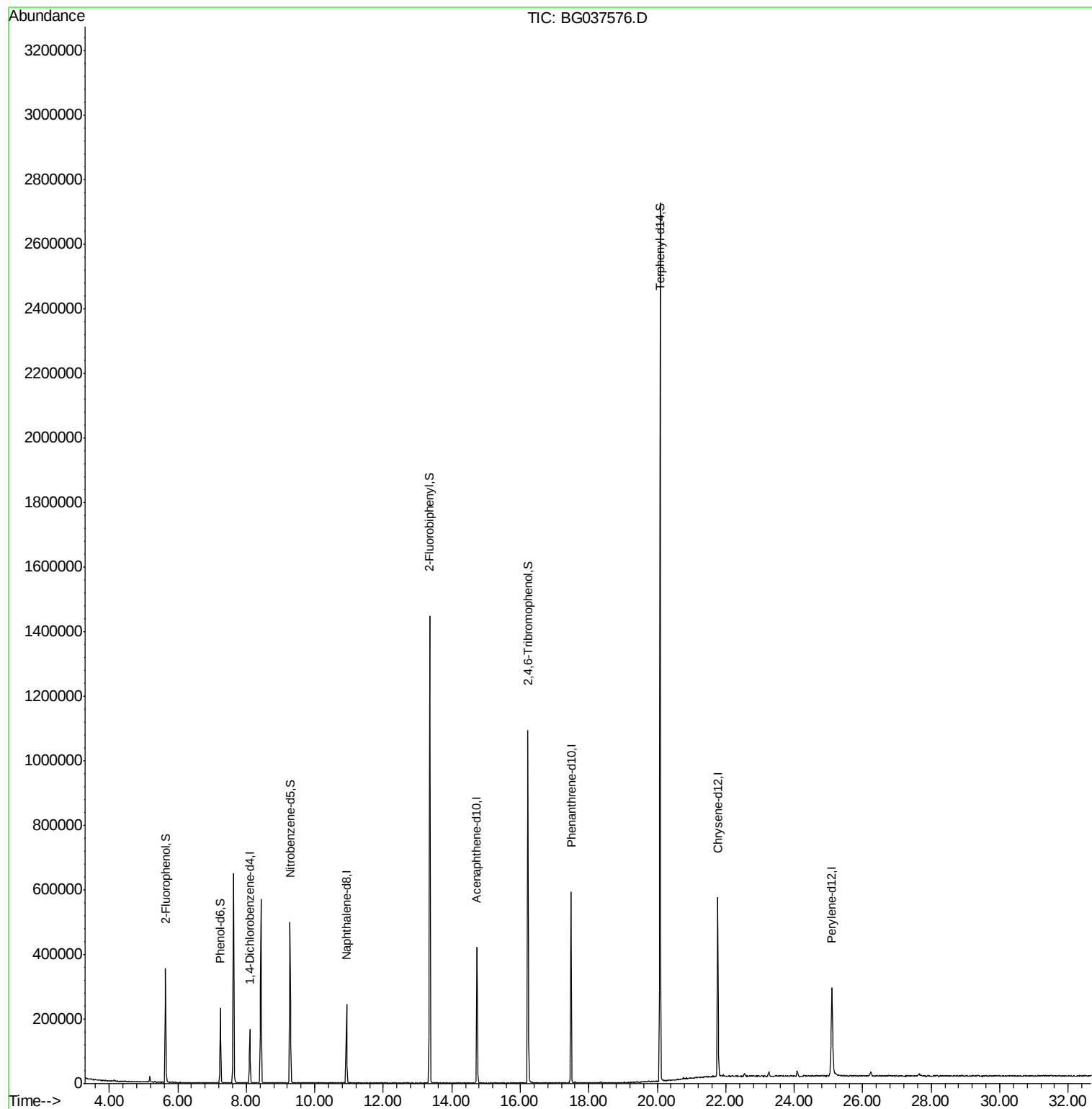
Target Compounds Qvalue

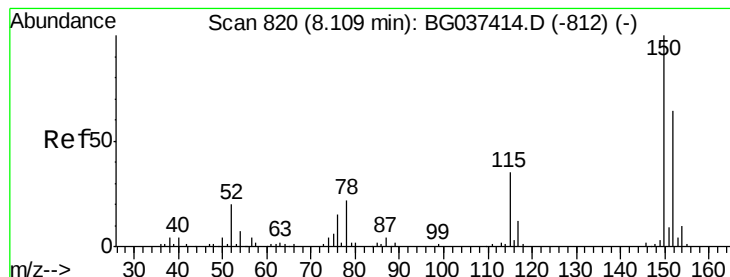
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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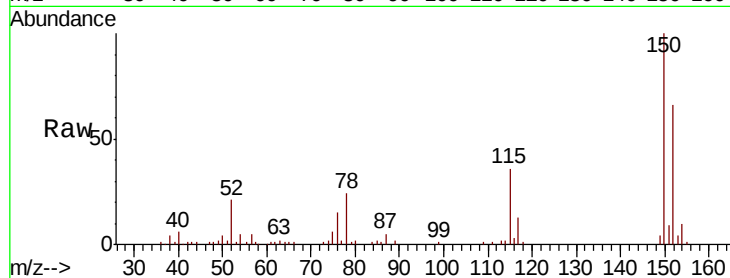


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
S37-0004

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	126.0	189.0
115	54.5	45.5	68.3

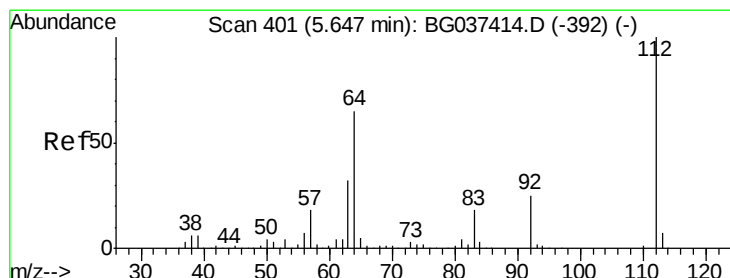
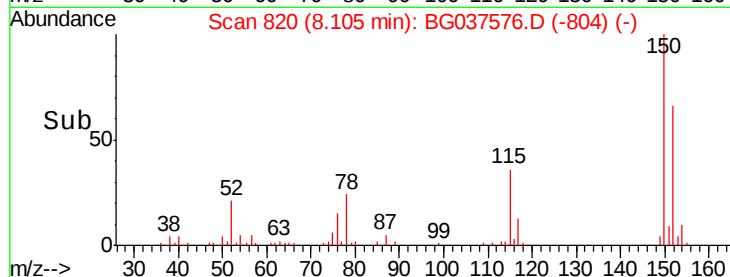
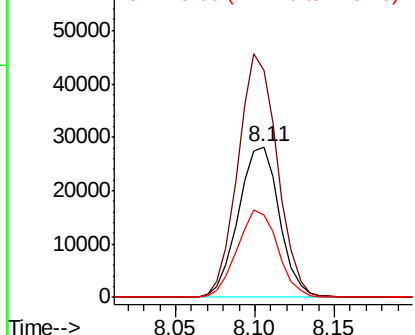


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

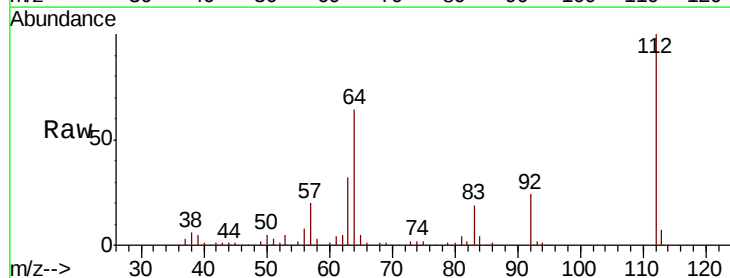
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.675 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	53.1	79.7
63	32.4	27.3	40.9

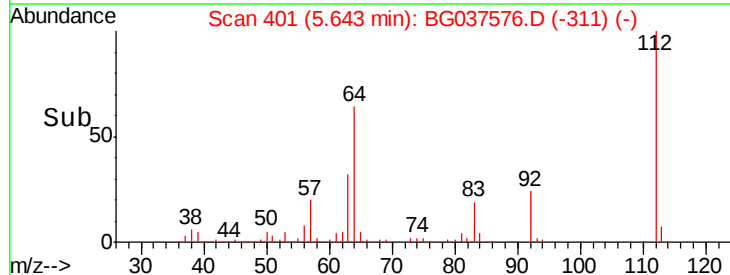
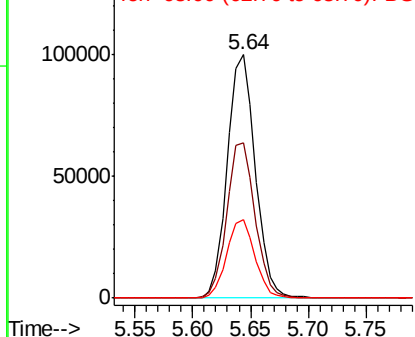


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 32.638 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

Instrument :

BNA_G

ClientSampled :

S37-0004

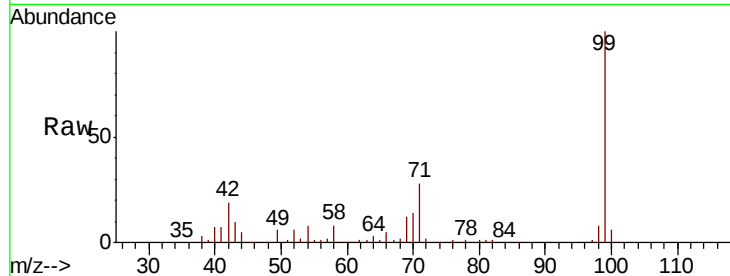
Tot Ion: 99 Resp: 148721

Ion Ratio Lower Upper

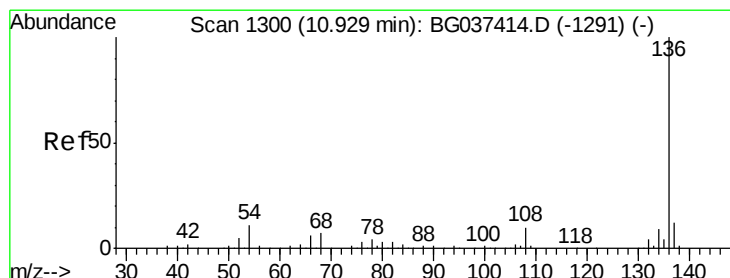
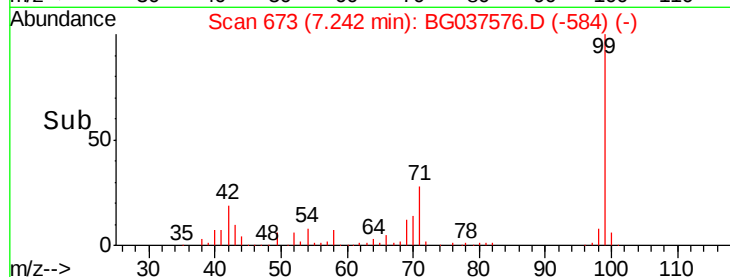
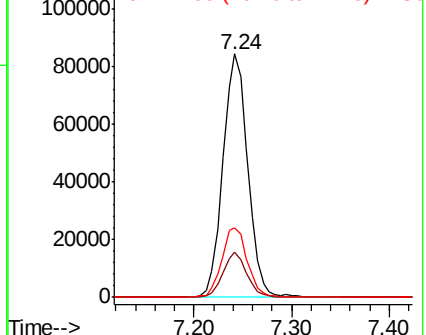
99 100

42 18.5 15.0 22.4

71 28.5 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

Tgt Ion: 136 Resp: 222572

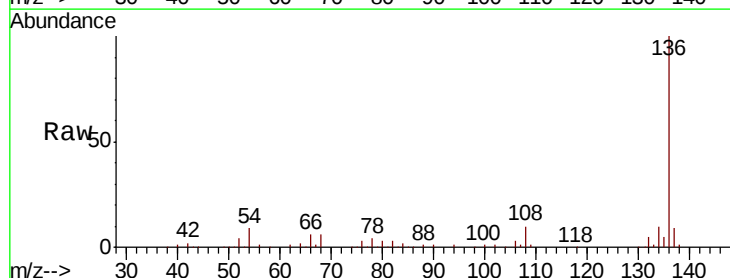
Ion Ratio Lower Upper

136 100

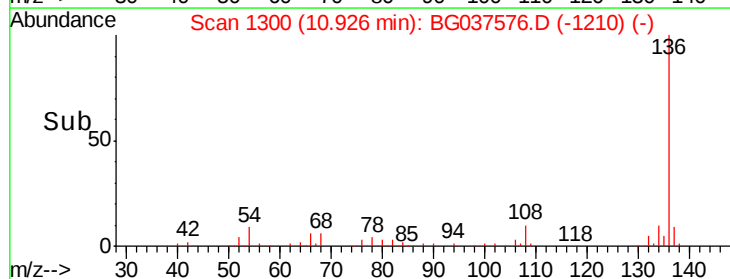
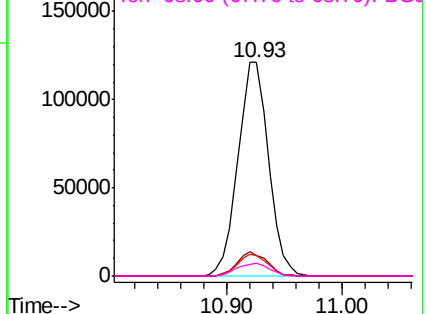
137 9.3 9.6 14.4#

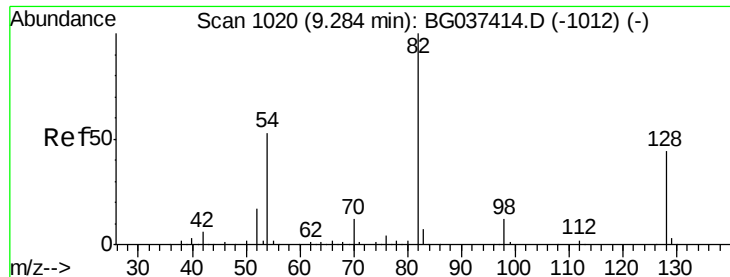
54 9.5 7.9 11.9

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

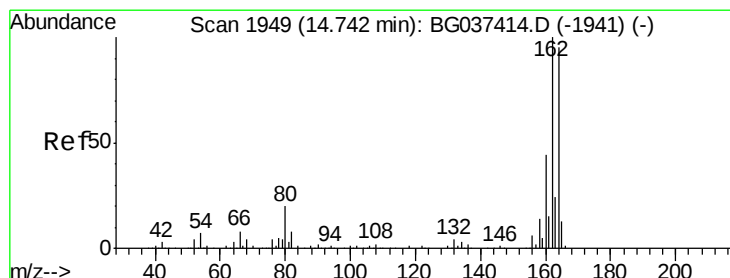
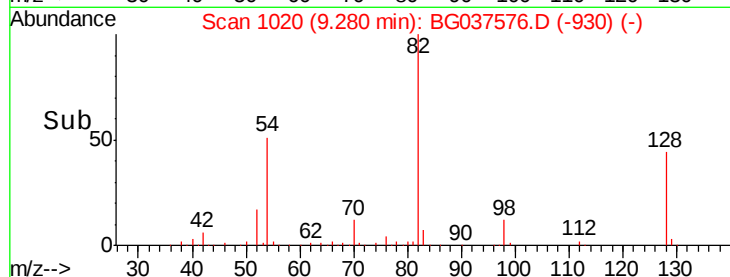
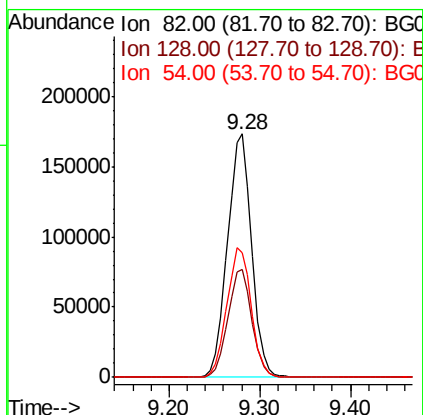
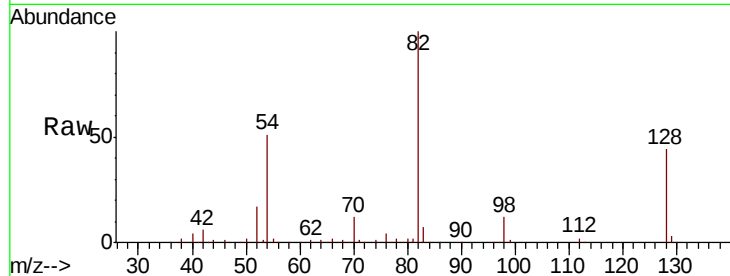




#23
Nitrobenzene-d5
Concen: 80.838 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

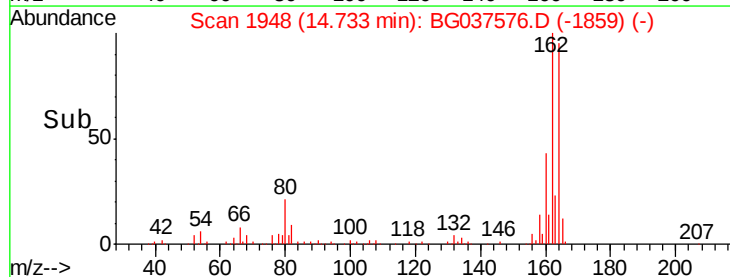
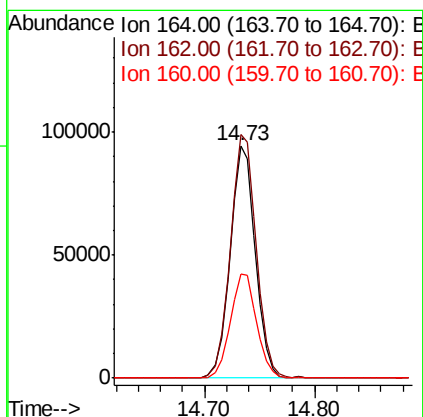
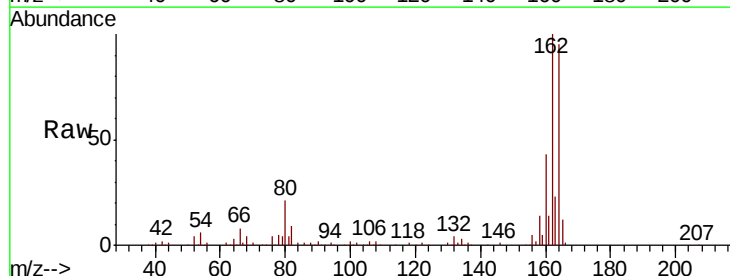
Instrument :
BNA_G
ClientSampleId :
S37-0004

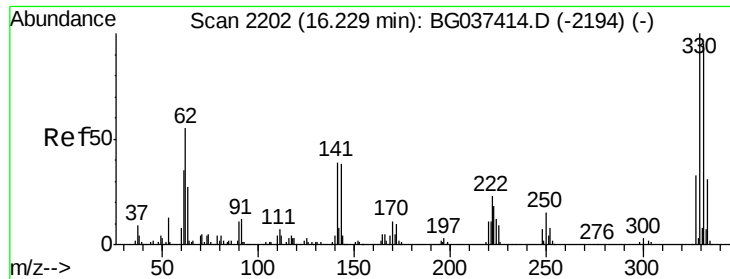
Tot Ion	82	Resp	321183
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.6	51.8
54	51.3	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

Tgt Ion	164	Resp	150324
Ion Ratio	Lower	Upper	
164	100		
162	104.9	81.3	121.9
160	44.7	36.3	54.5

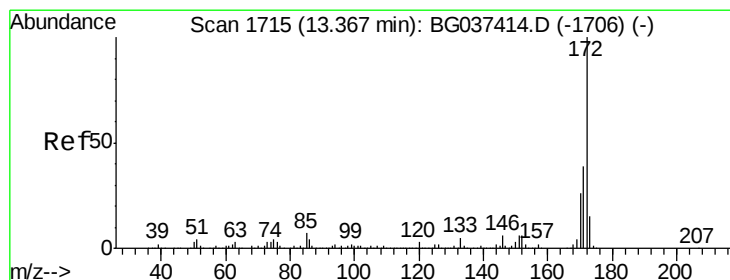
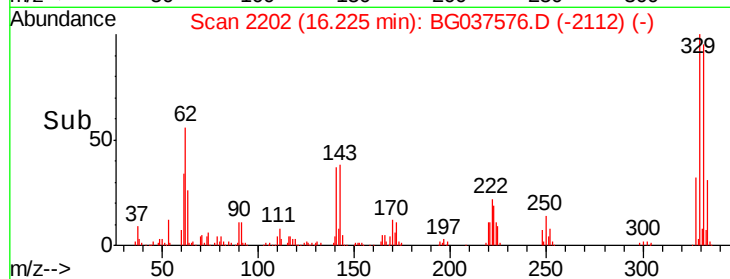
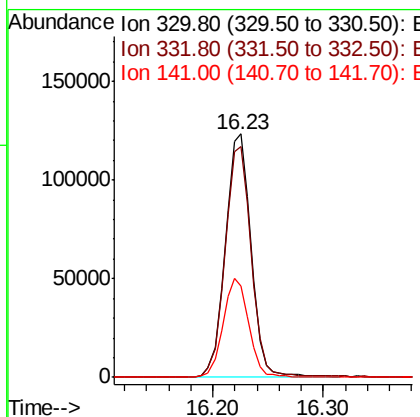
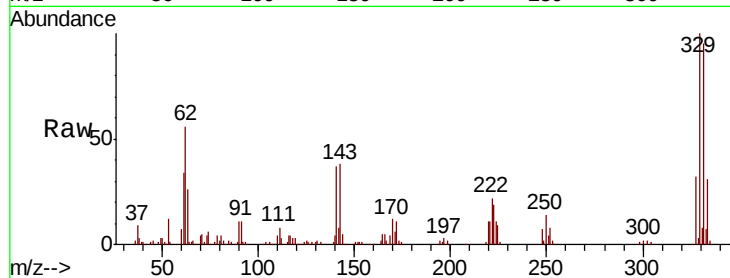




#42
 2,4,6-Tribromophenol
 Concen: 122.862 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037576.D
 Acq: 26 Oct 2018 11:56

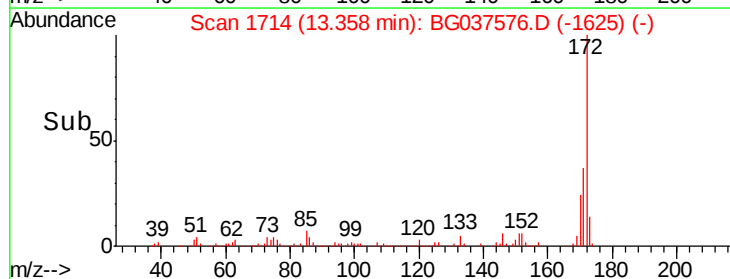
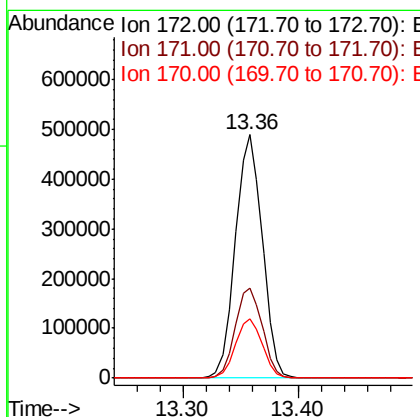
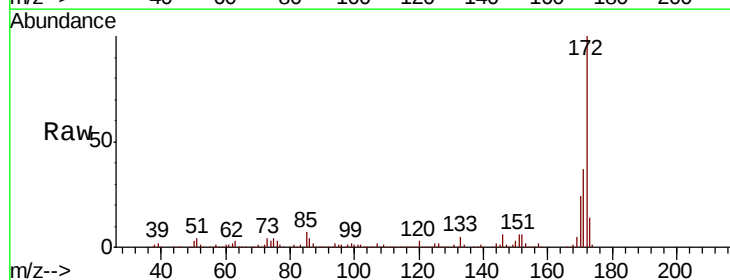
Instrument :
 BNA_G
 ClientSampleId :
 S37-0004

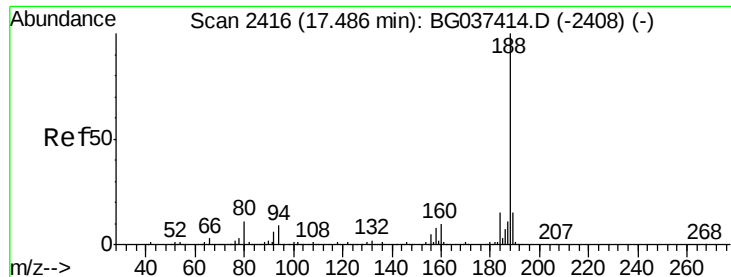
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	40.3	32.2	48.2



#45
 2-Fluorobiphenyl
 Concen: 79.174 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037576.D
 Acq: 26 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.5	20.2	30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

S37-0004

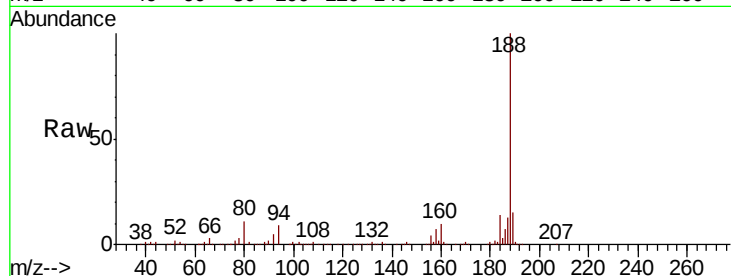
Tot Ion:188 Resp: 382221

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

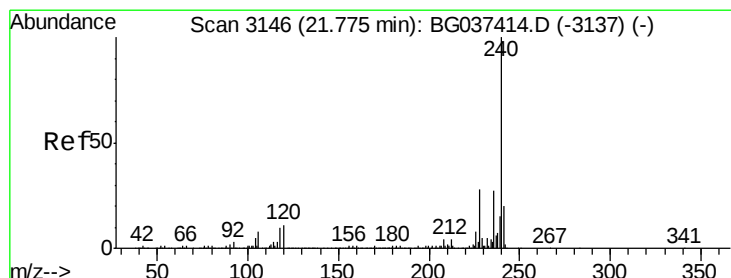
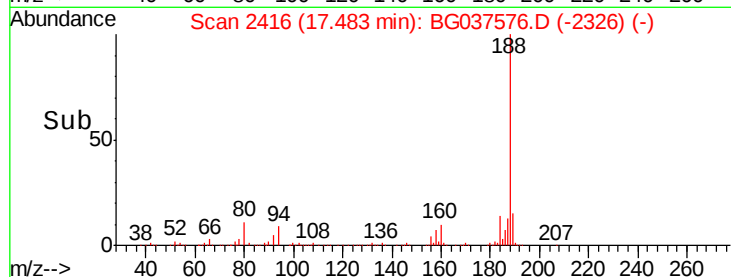
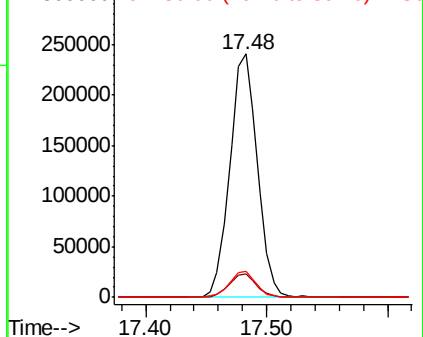
80 10.8 7.7 11.5



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# 3145

Delta R.T. -0.01 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

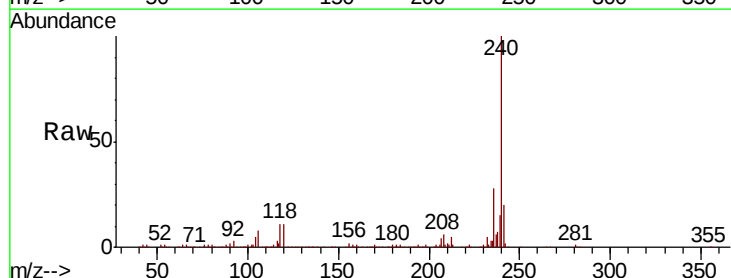
Tgt Ion:240 Resp: 349060

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

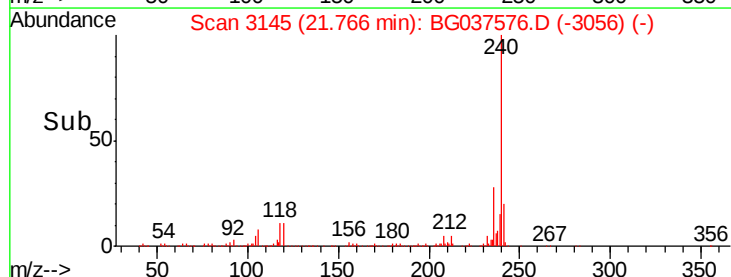
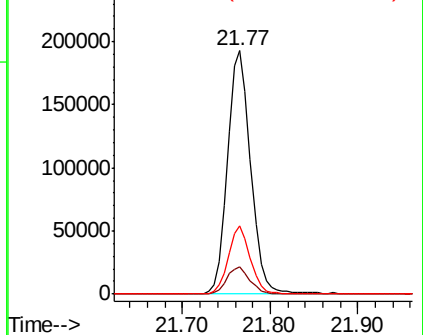
236 27.8 21.4 32.0

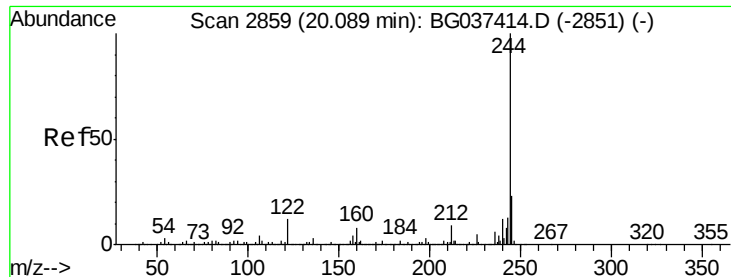


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.165 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

S37-0004

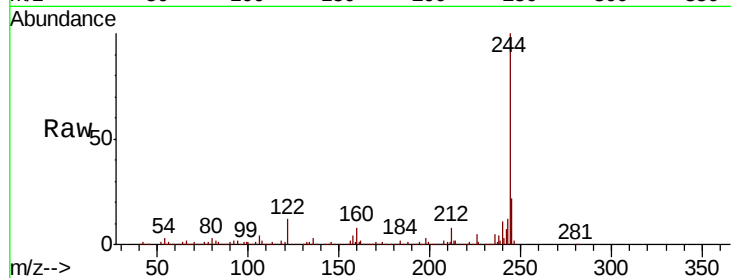
Tot Ion:244 Resp: 1293229

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

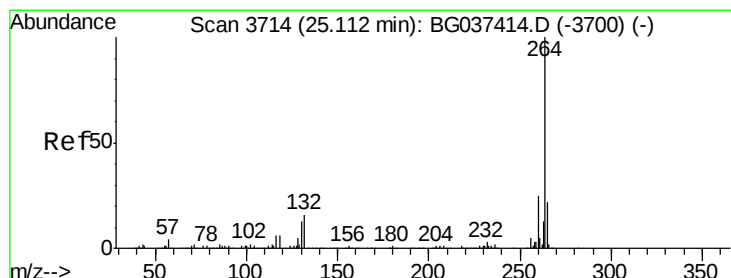
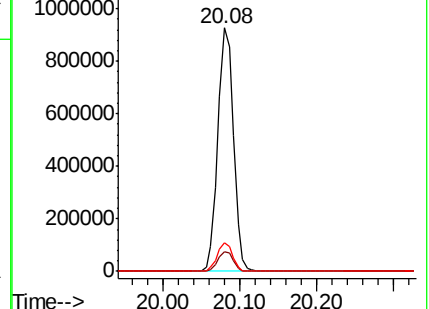
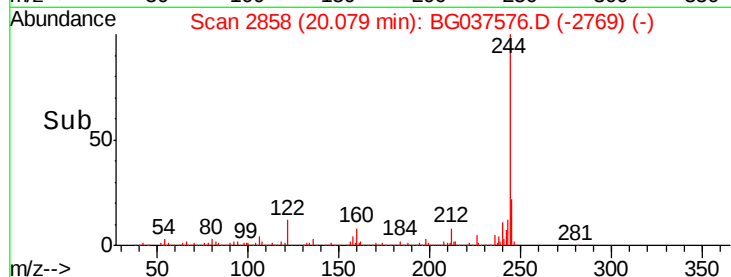
122 11.8 9.0 13.4



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. -0.02 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

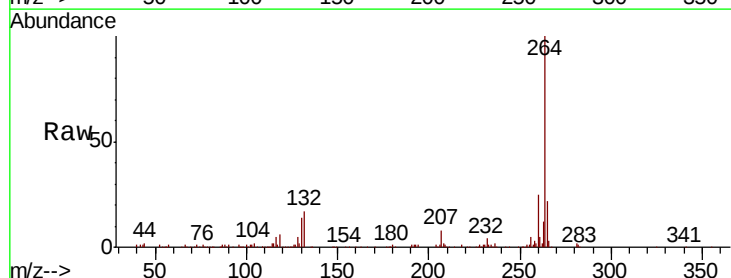
Tgt Ion:264 Resp: 336071

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 22.3 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

