

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037368.D
 Acq On : 16 Oct 2018 20:45
 Operator : JU/SJ
 Sample : J5198-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-A

Quant Time: Oct 17 02:26:26 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	65047	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	272767	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	183598	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	476305	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	452699	20.00	ng	-0.02
87) Perylene-d12	25.11	264	448310	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	396723	107.34	ng	0.00
7) Phenol-d6	7.25	99	512757	91.40	ng	0.00
23) Nitrobenzene-d5	9.29	82	348540	84.01	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	230873	128.22	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	856459	70.06	ng	-0.02
79) Terphenyl-d14	20.09	244	1454952	67.48	ng	-0.02

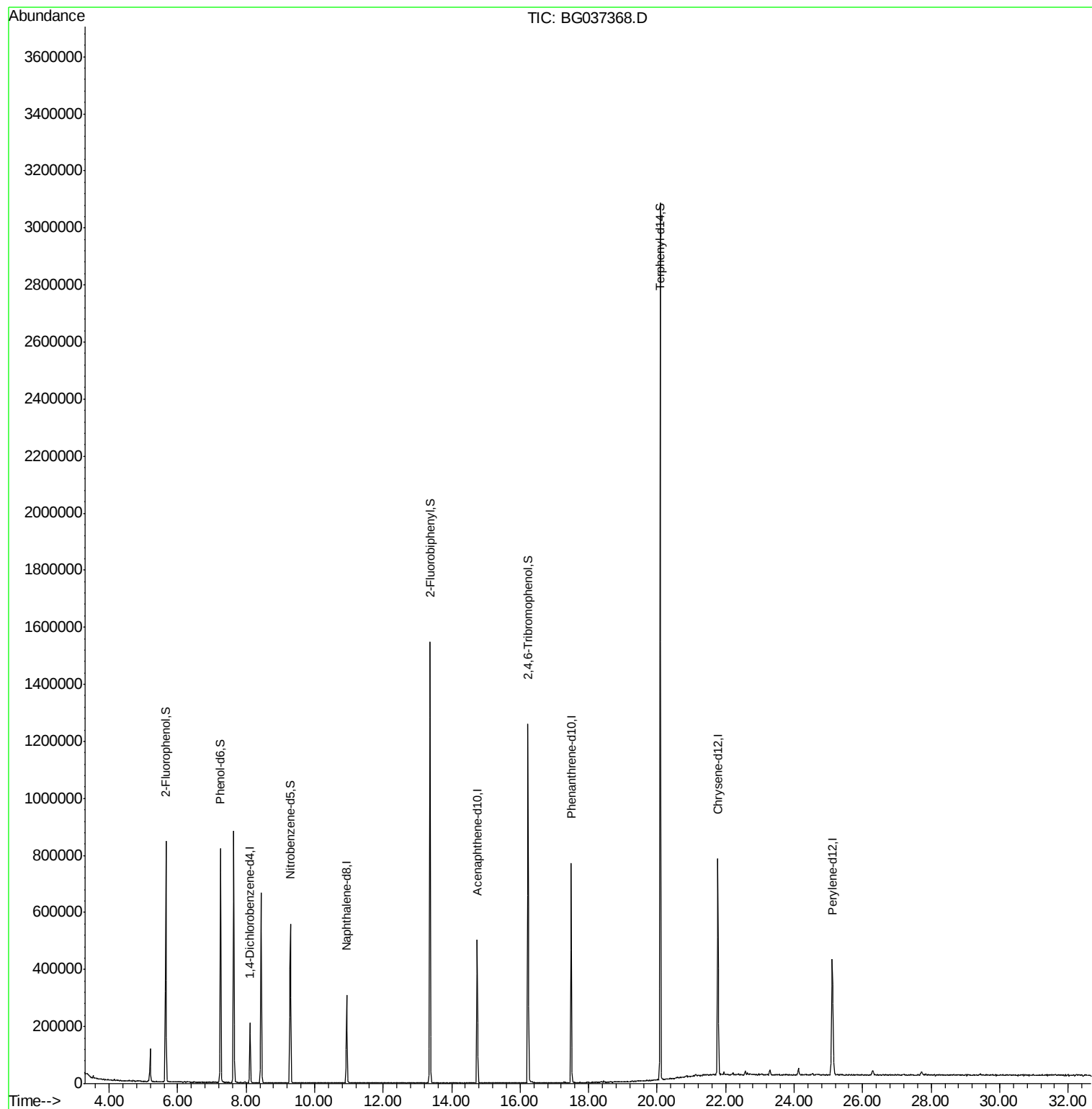
Target Compounds Qvalue

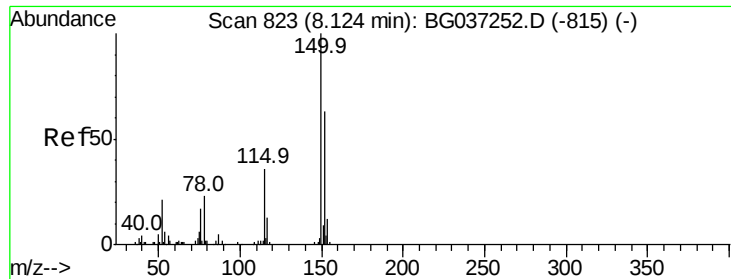
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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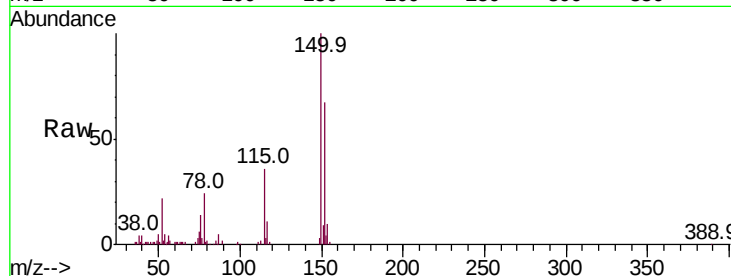


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037368.D
Acq: 16 Oct 2018 20:45

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	126.0	189.0
115	53.4	45.5	68.3

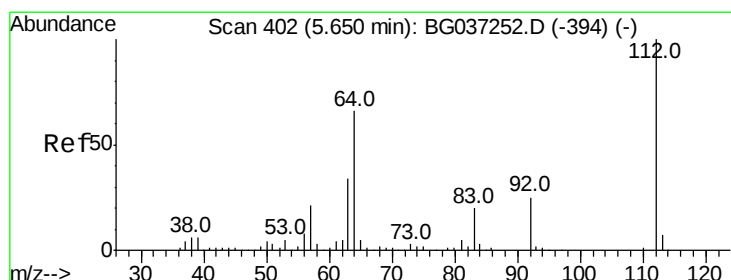
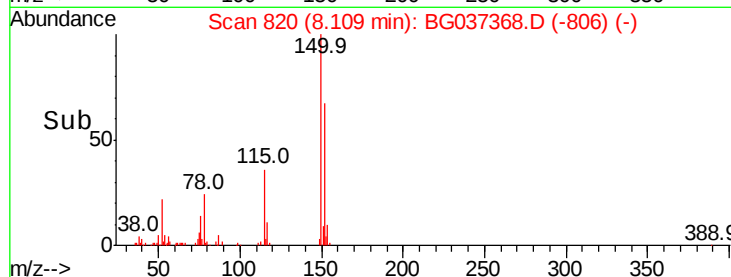
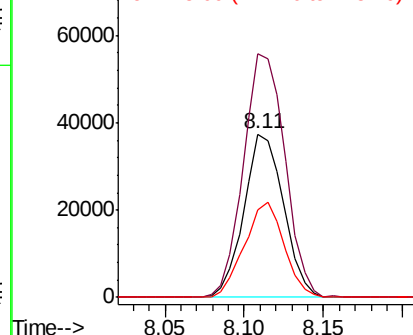


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

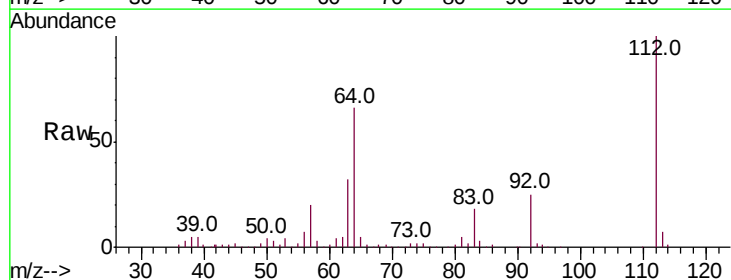
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.337 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037368.D
Acq: 16 Oct 2018 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	53.1	79.7
63	31.9	27.3	40.9

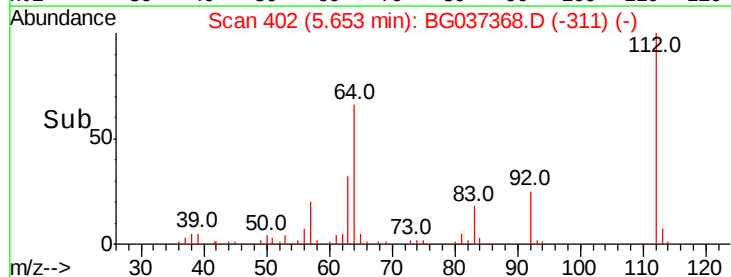
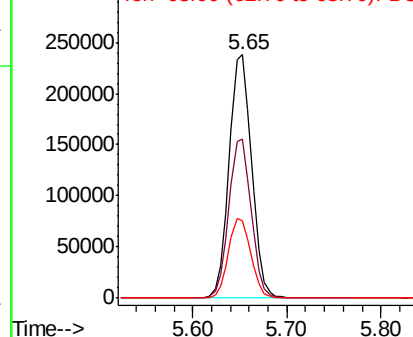


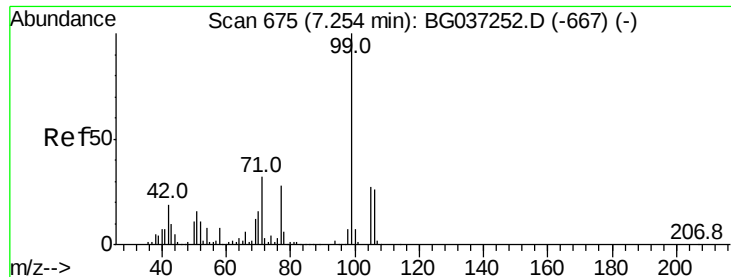
Abundance

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: 91.401 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037368.D

Acq: 16 Oct 2018 20:45

Instrument :

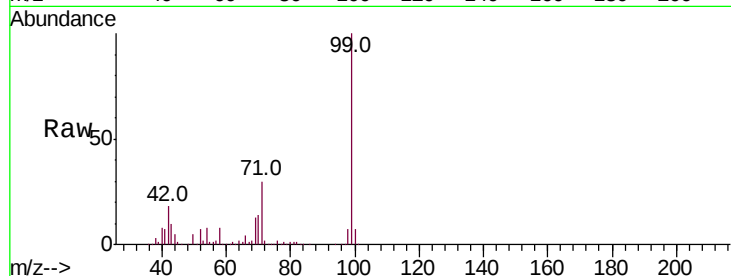
BNA_G

ClientSampleId :

CL-02-101218-A

Tot Ion: 99 Resp: 512757

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	30.2	25.5	38.3

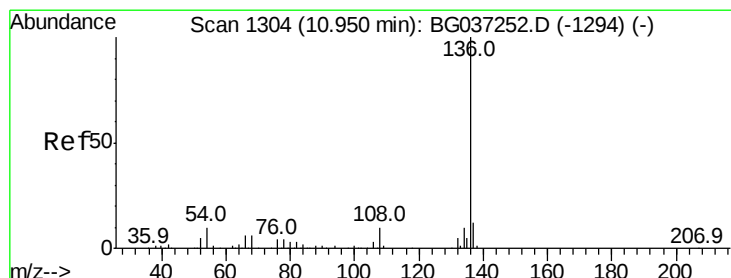
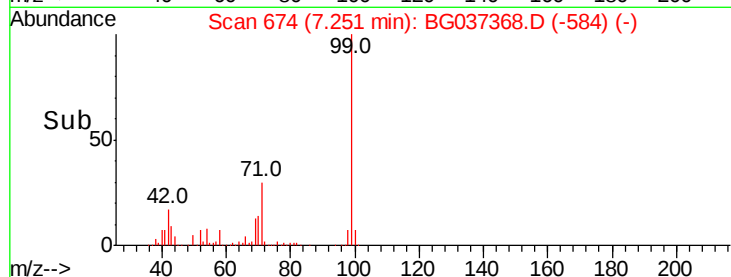
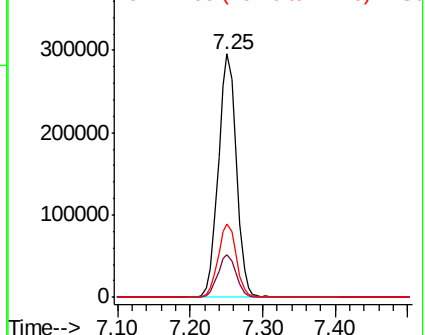


Abundance

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# 1301

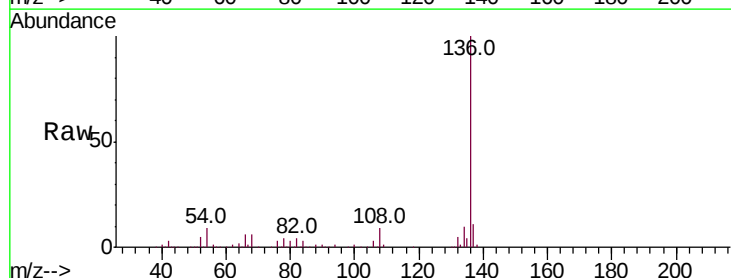
Delta R.T. -0.02 min

Lab File: BG037368.D

Acq: 16 Oct 2018 20:45

Tgt Ion: 136 Resp: 272767

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.2	7.9	11.9
68	6.5	4.8	7.2



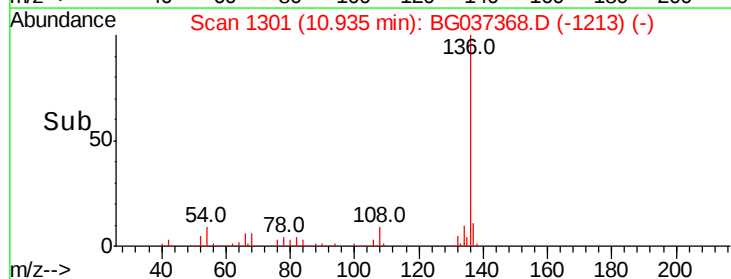
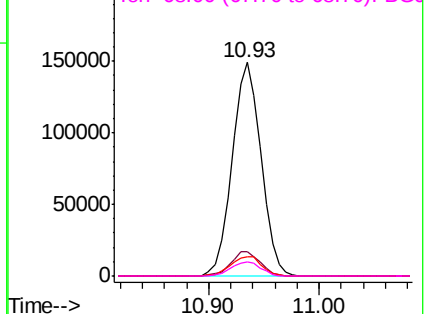
Abundance

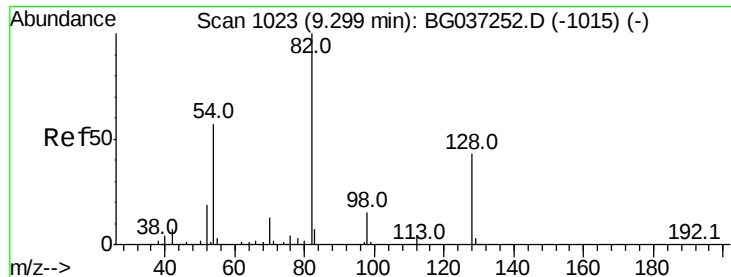
Ion 136.00 (135.70 to 136.70): BGC

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

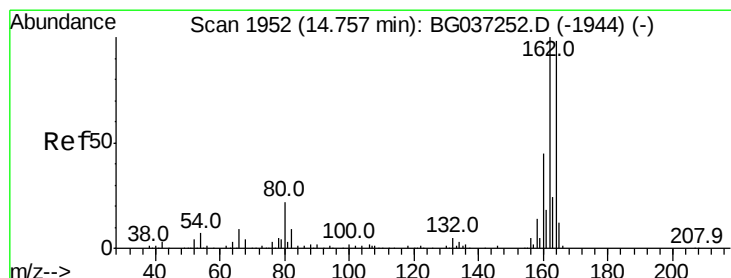
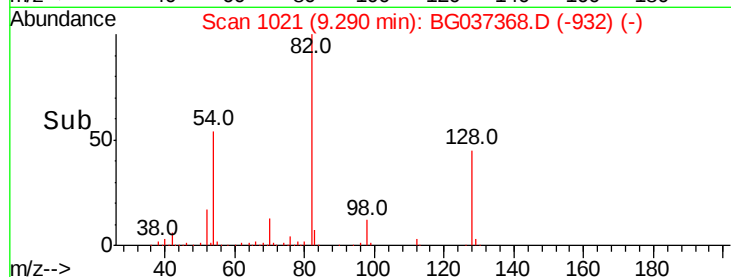
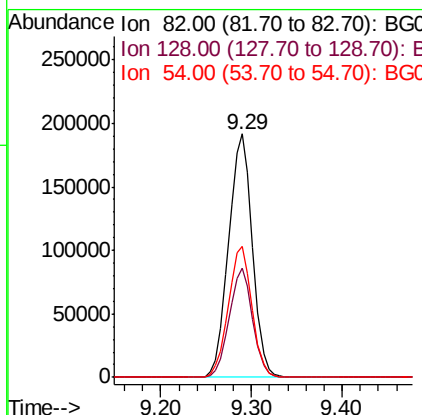
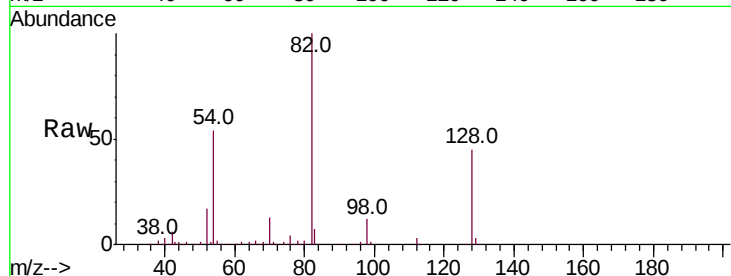




#23
 Nitrobenzene-d5
 Concen: 84.008 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037368.D
 Acq: 16 Oct 2018 20:45

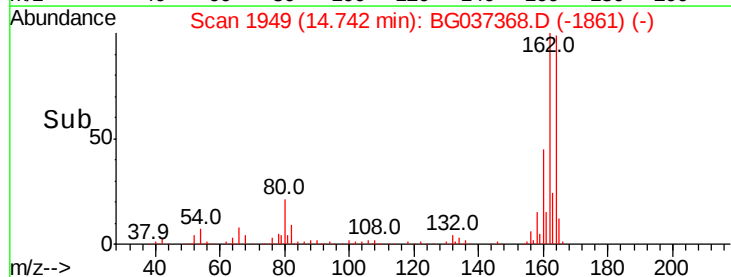
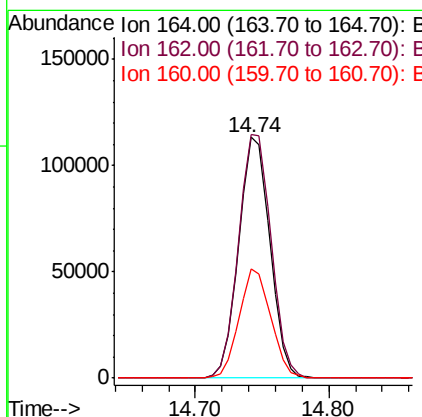
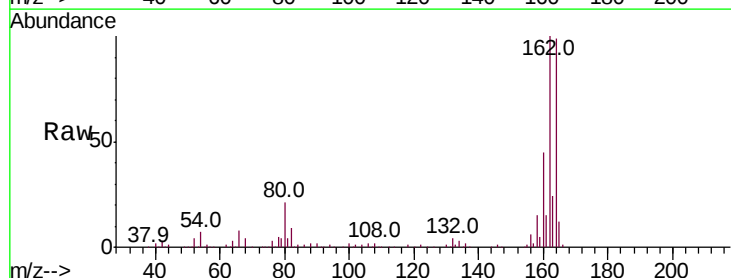
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-A

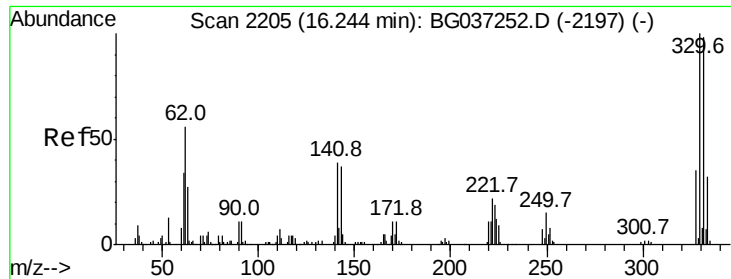
Tot Ion	82	Resp	348540
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	53.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG037368.D
 Acq: 16 Oct 2018 20:45

Tgt Ion	164	Resp	183598
Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	45.1	36.3	54.5

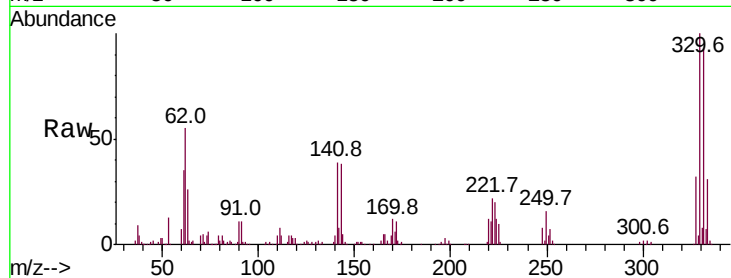




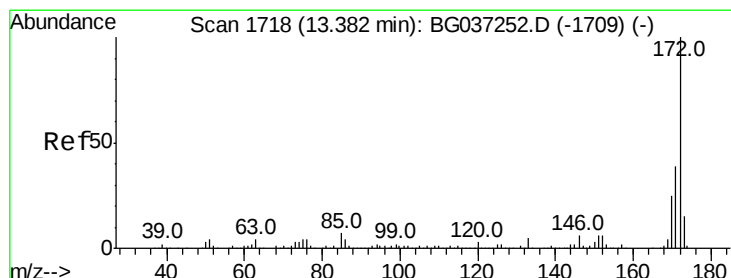
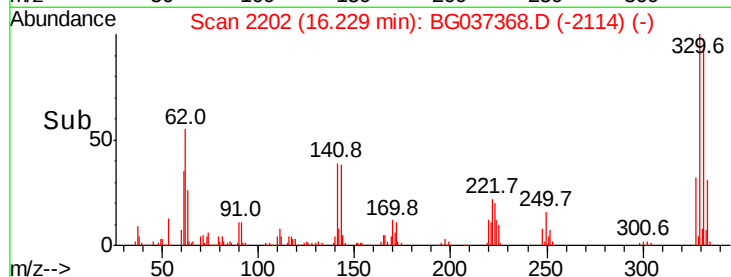
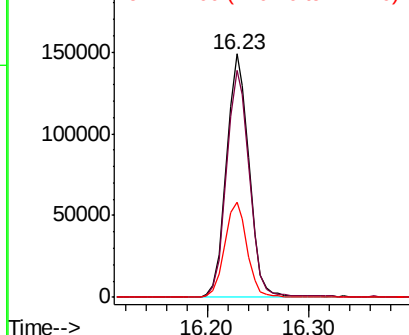
#42
 2,4,6-Tribromophenol
 Concen: 128.221 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG037368.D
 Acq: 16 Oct 2018 20:45

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.4	117.6
141	38.5	32.2	48.2

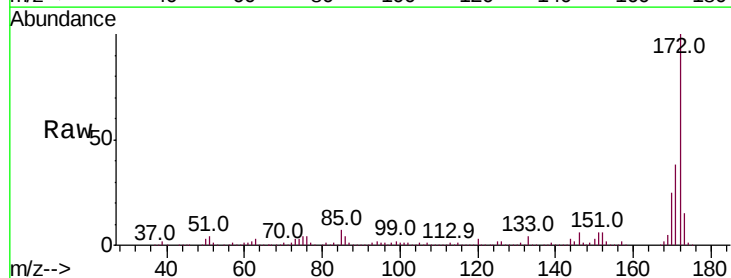


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

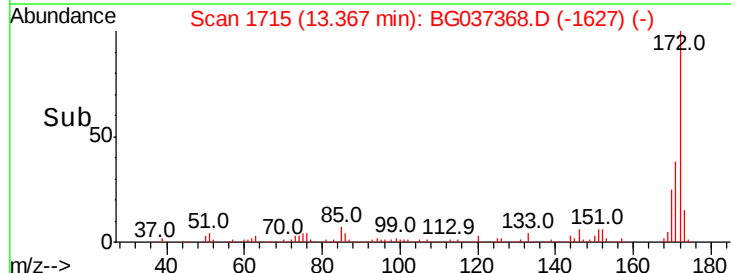
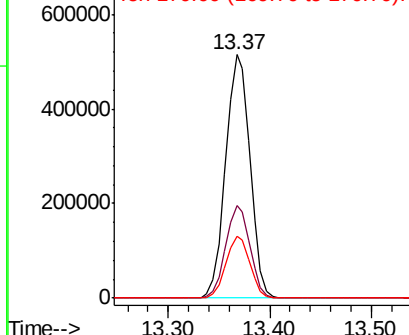


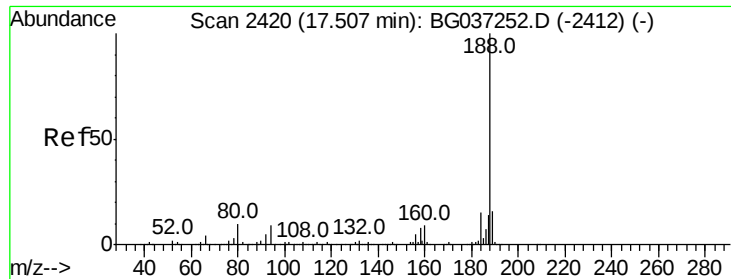
#45
 2-Fluorobiphenyl
 Concen: 70.055 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037368.D
 Acq: 16 Oct 2018 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.3	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

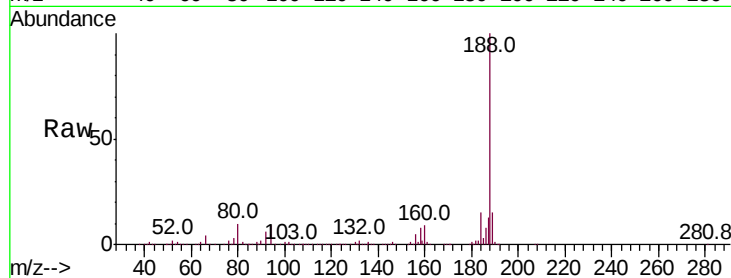




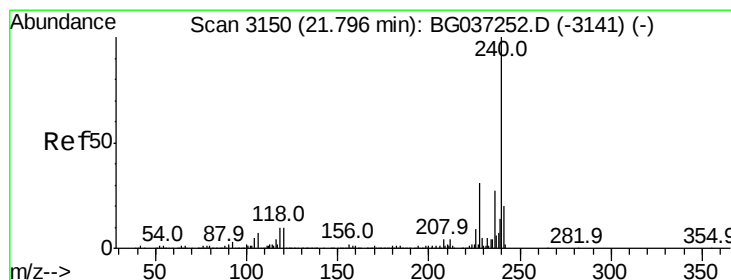
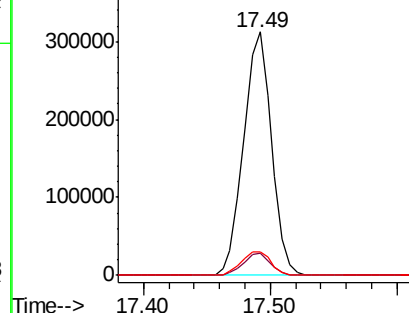
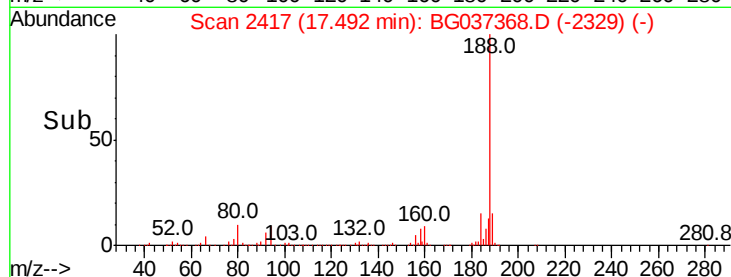
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037368.D
Acq: 16 Oct 2018 20:45

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-A

Tot Ion:188 Resp: 476305
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.6 7.7 11.5

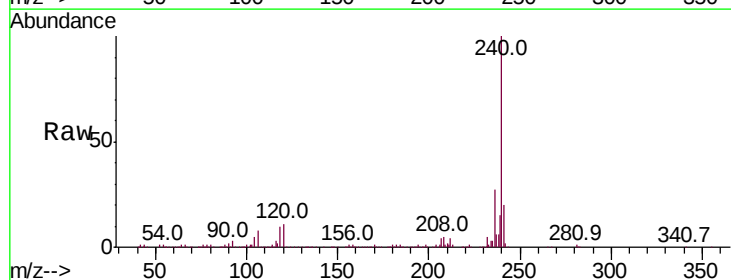


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

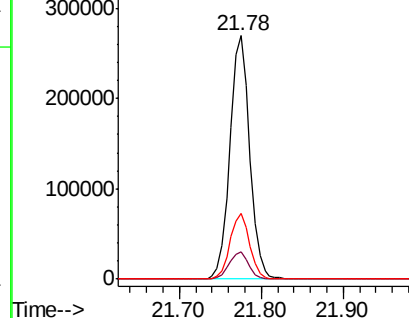
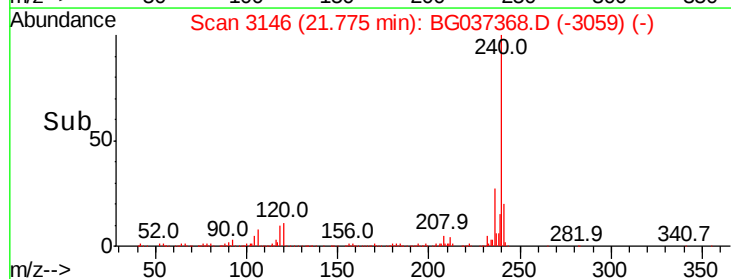


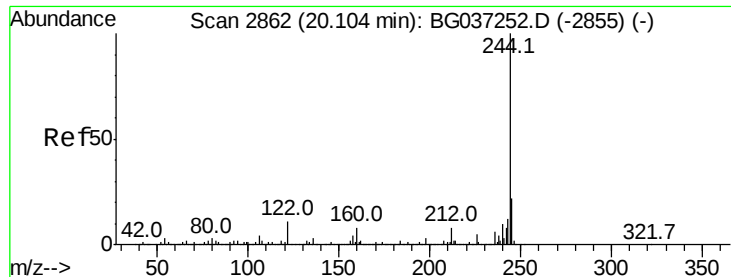
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037368.D
Acq: 16 Oct 2018 20:45

Tgt Ion:240 Resp: 452699
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 27.0 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: 67.485 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037368.D

Acq: 16 Oct 2018 20:45

Instrument :

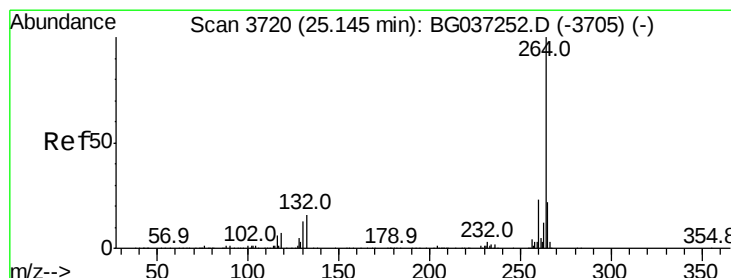
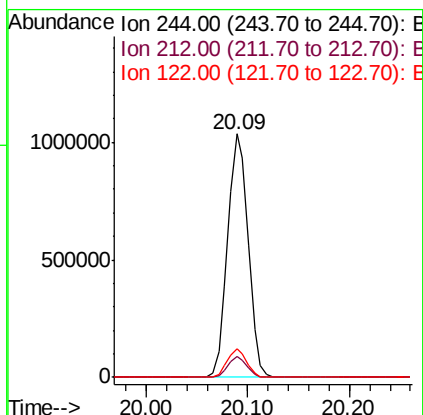
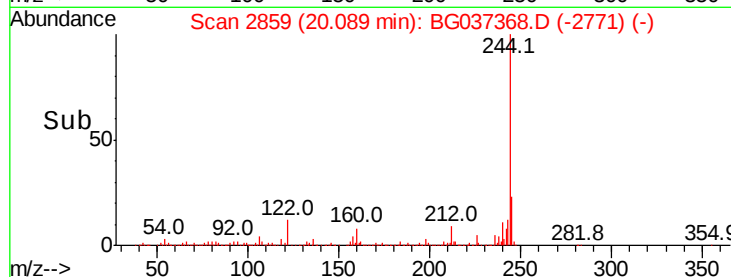
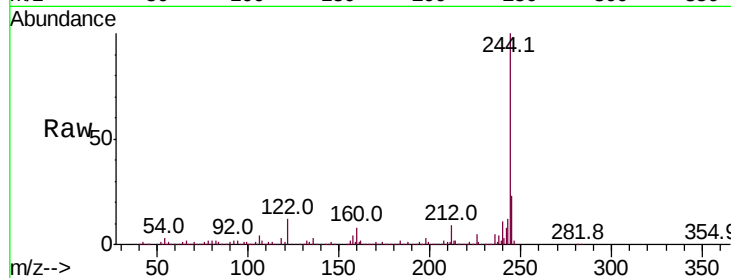
BNA_G

ClientSampleId :

CL-02-101218-A

Tot Ion:244 Resp: 1454952

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.6	9.0	13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.03 min

Lab File: BG037368.D

Acq: 16 Oct 2018 20:45

Tgt Ion:264 Resp: 448310

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	23.6	17.9	26.9

