

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037482.D
 Acq On : 23 Oct 2018 18:50
 Operator : JU/SJ
 Sample : J5621-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-SW-02

Quant Time: Oct 24 05:10:33 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	60460	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	269482	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	180961	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	430886	20.00	ng	0.00
76) Chrysene-d12	21.77	240	392358	20.00	ng	0.00
87) Perylene-d12	25.10	264	391966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	187852	51.95	ng	0.00
7) Phenol-d6	7.24	99	173287	31.69	ng	0.00
23) Nitrobenzene-d5	9.29	82	381205	79.24	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	229979	116.52	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	921252	76.77	ng	0.00
79) Terphenyl-d14	20.09	244	1398838	76.18	ng	0.00

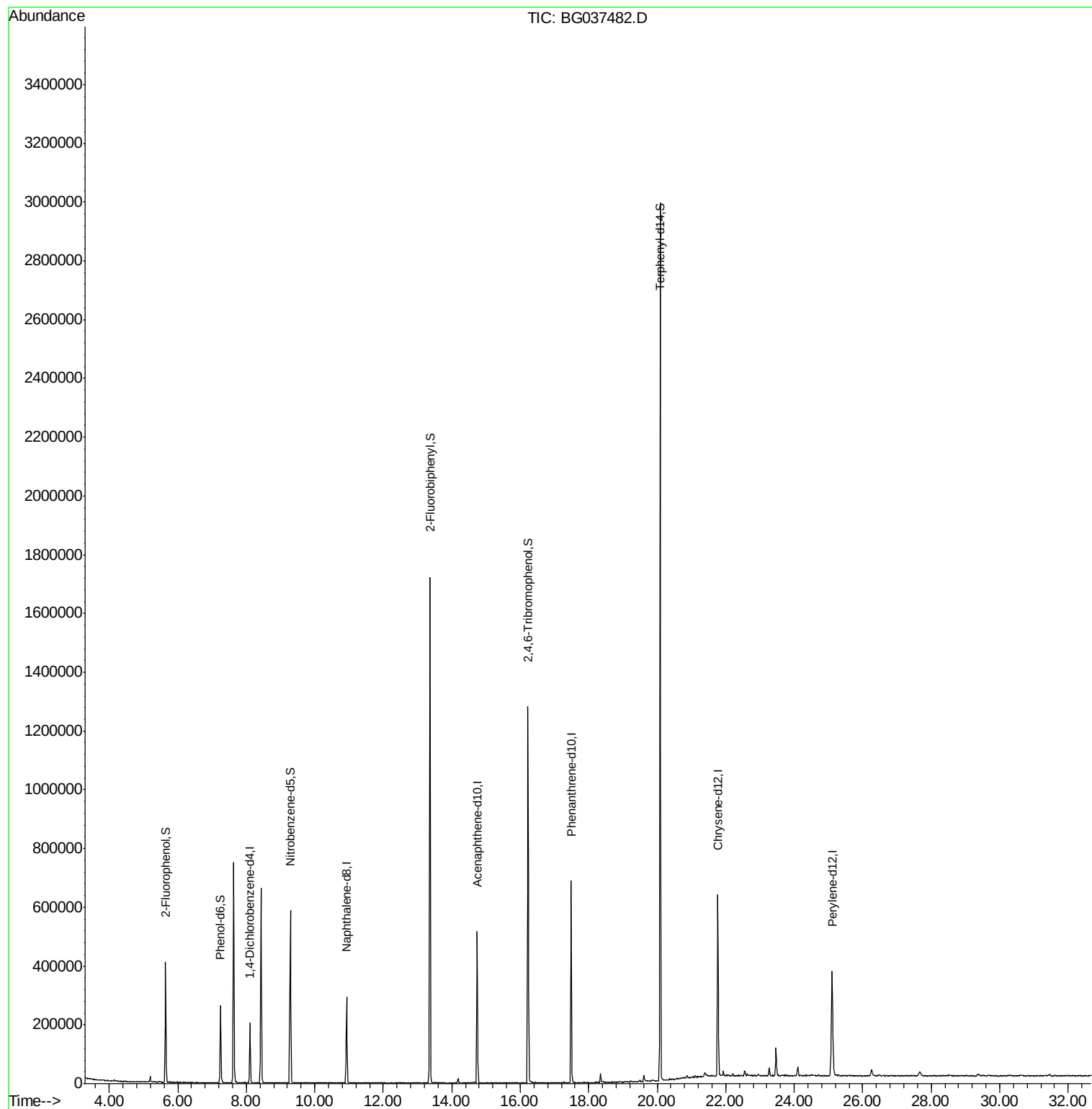
Target Compounds Qvalue

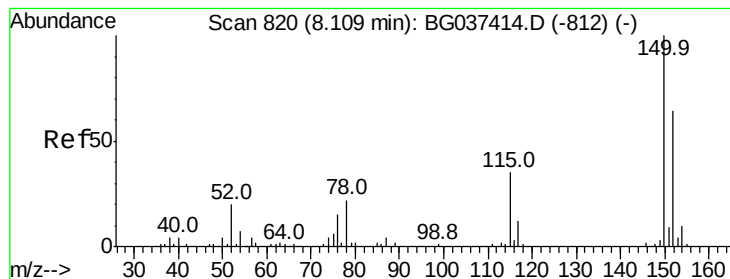
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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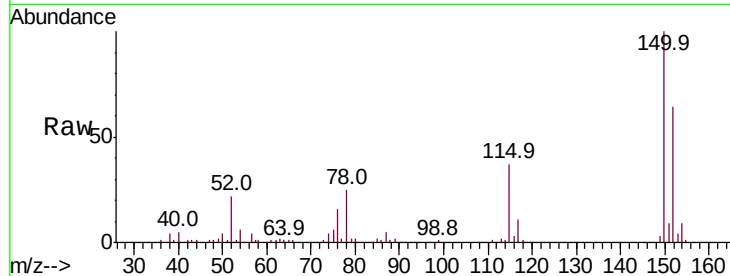


#1

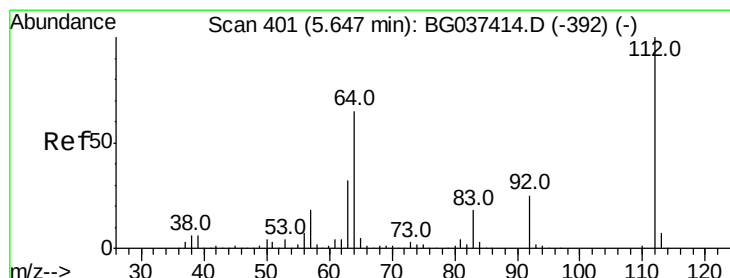
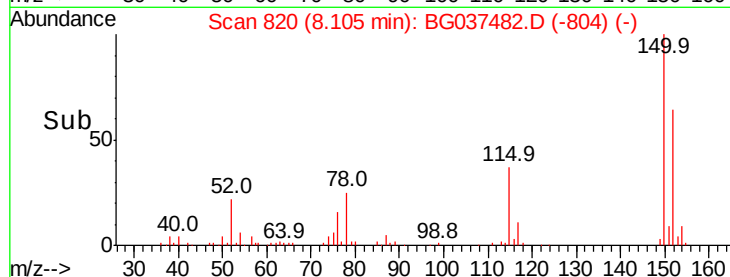
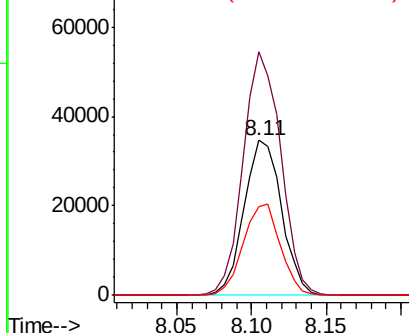
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Instrument :
 BNA_G
 ClientSampleId :
 SA-SW-02

Tot Ion:152 Resp: 60460
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.0 189.0
 115 57.4 45.5 68.3



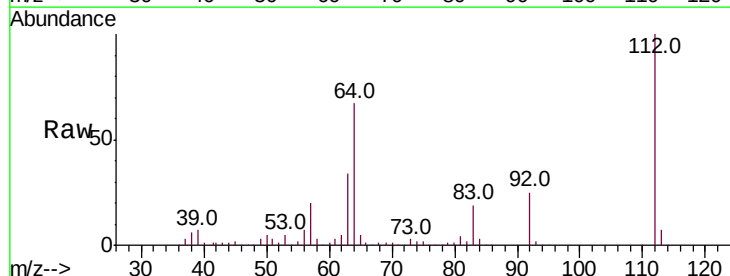
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



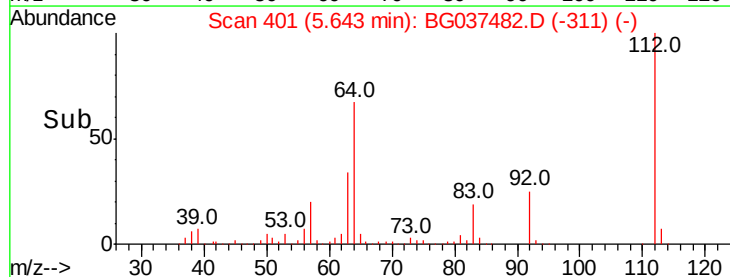
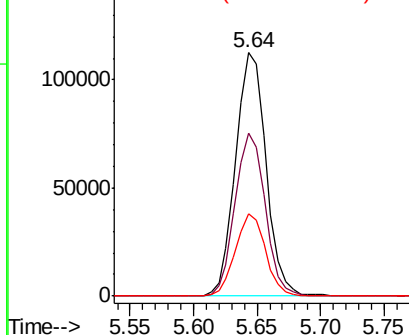
#5

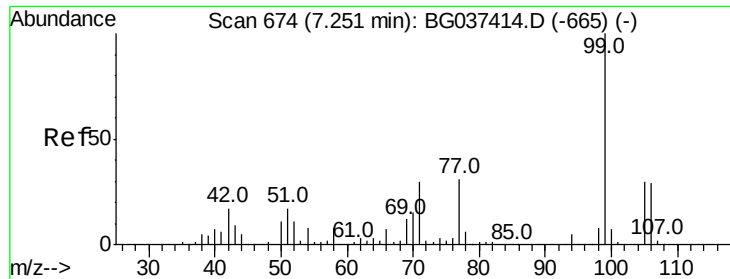
2-Fluorophenol
 Concen: 51.945 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Tgt Ion:112 Resp: 187852
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.1 79.7
 63 33.6 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: 31.689 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037482.D

Acq: 23 Oct 2018 18:50

Instrument :

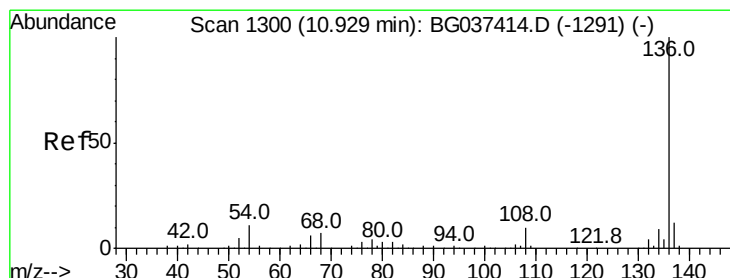
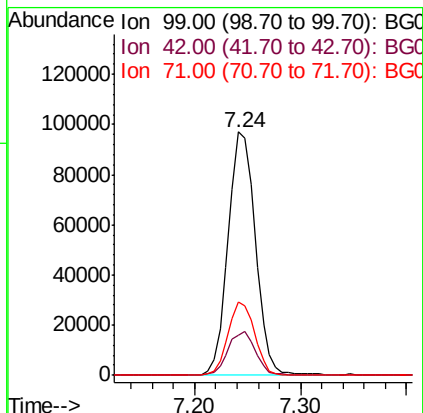
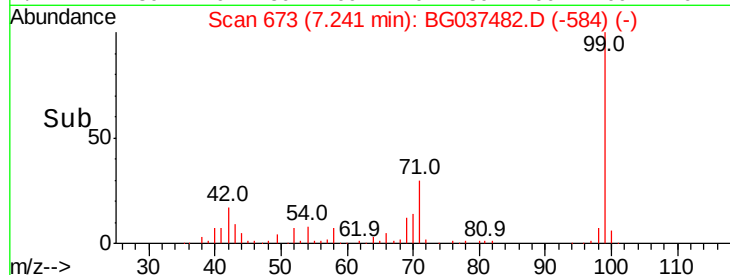
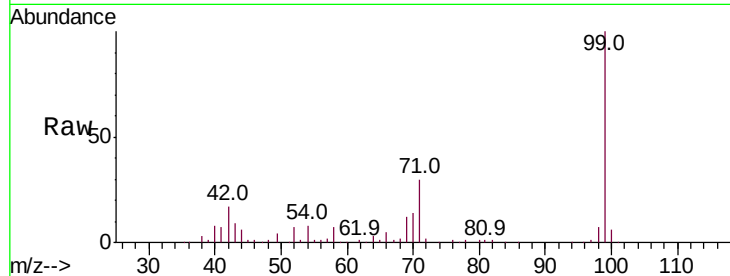
BNA_G

ClientSampleId :

SA-SW-02

Tot Ion: 99 Resp: 173287

Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.4
71	30.2	25.5	38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1301

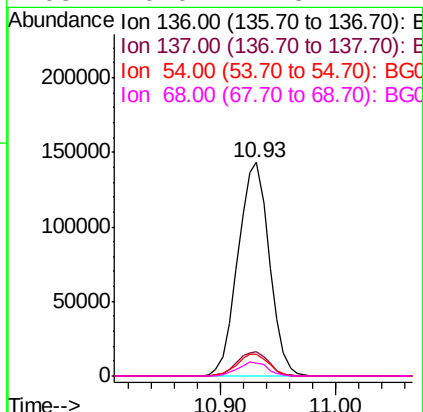
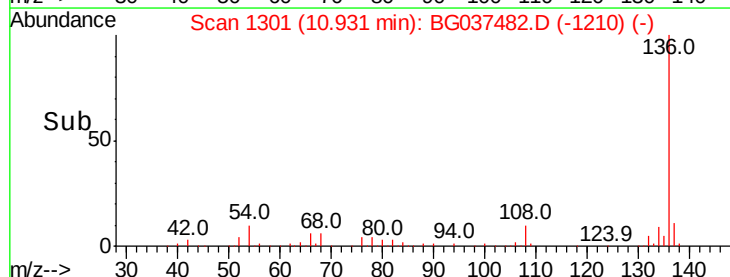
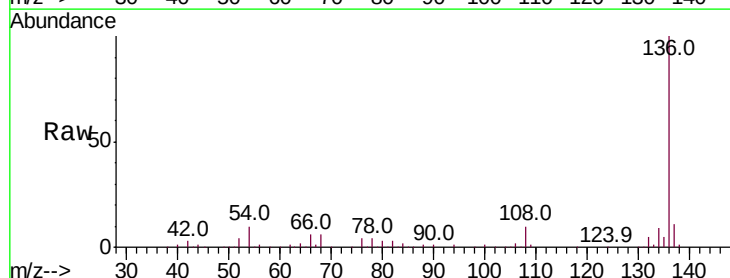
Delta R.T. 0.00 min

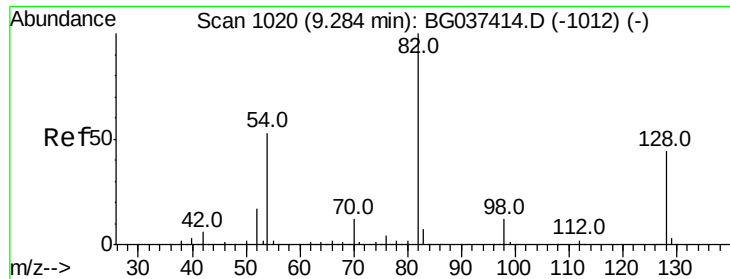
Lab File: BG037482.D

Acq: 23 Oct 2018 18:50

Tgt Ion: 136 Resp: 269482

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.0	7.9	11.9
68	6.0	4.8	7.2

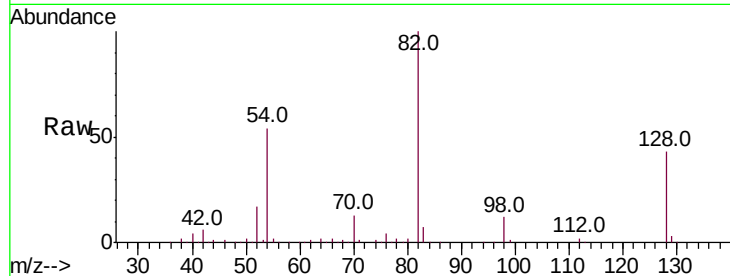




#23
 Nitrobenzene-d5
 Concen: 79.244 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Instrument :
 BNA_G
 ClientSampleId :
 SA-SW-02

Tot Ion	82	Resp	381205
Ion Ratio	Lower	Upper	
82	100		
128	43.0	34.6	51.8
54	53.8	45.3	67.9

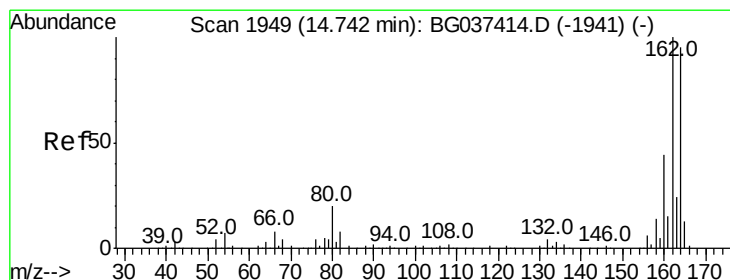
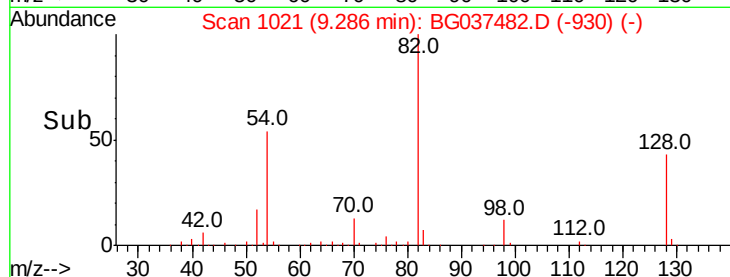
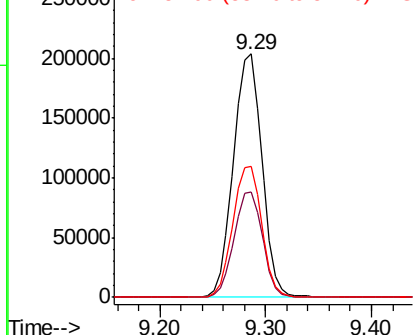


Abundance

Ion 82.00 (81.70 to 82.70): BGC

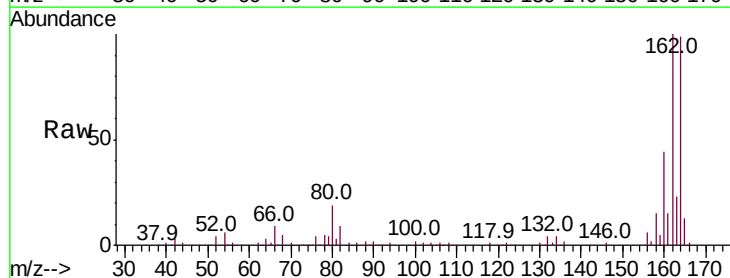
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Tgt Ion	164	Resp	180961
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.3	121.9
160	44.0	36.3	54.5

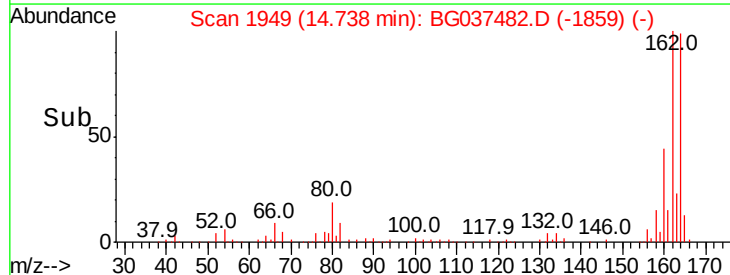
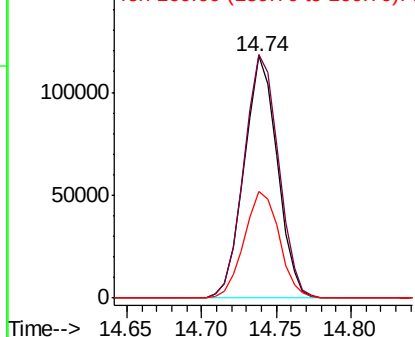


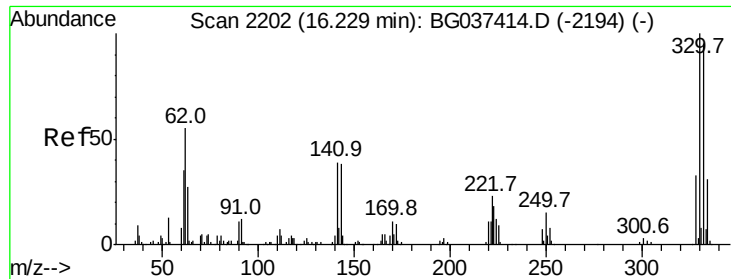
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

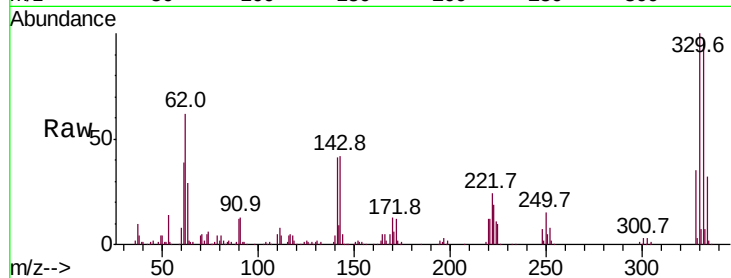




#42
 2,4,6-Tribromophenol
 Concen: 116.520 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Instrument :
 BNA_G
 ClientSampleId :
 SA-SW-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.4	117.6
141	40.0	32.2	48.2

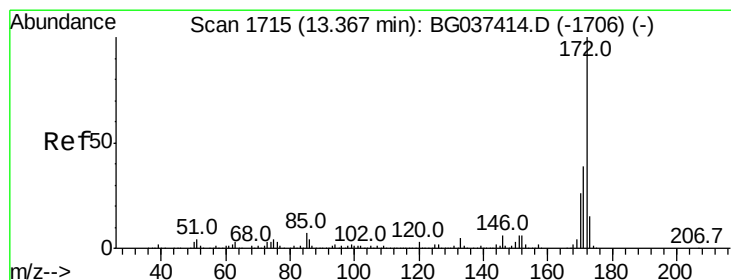
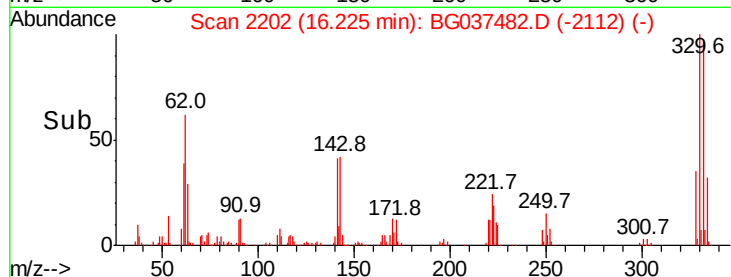
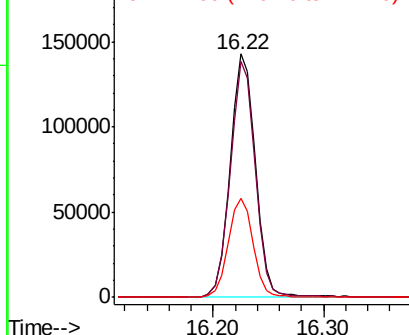


Abundance

Ion 329.80 (329.50 to 330.50): E

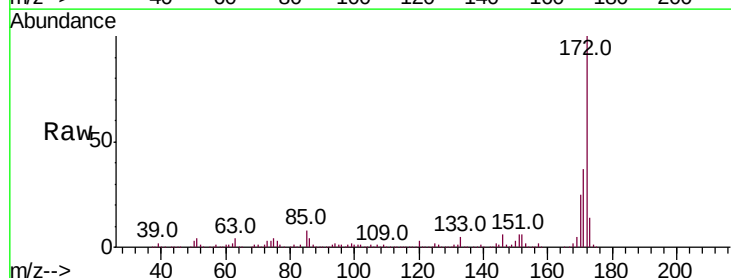
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.768 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.9	20.2	30.2

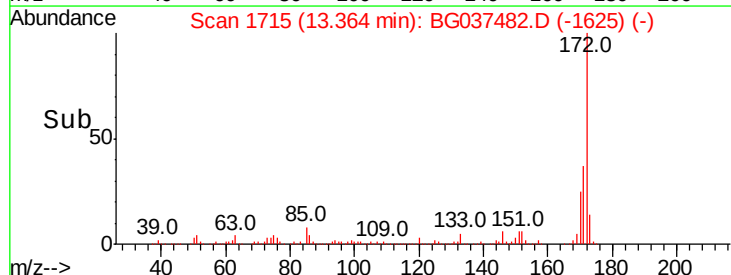
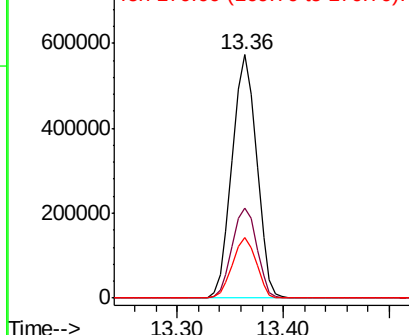


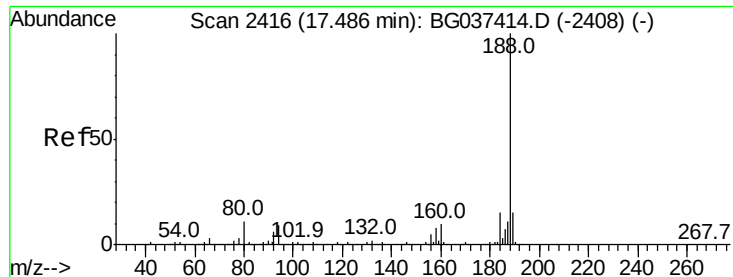
Abundance

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. 0.00 min

Lab File: BG037482.D

Acq: 23 Oct 2018 18:50

Instrument :

BNA_G

ClientSampleId :

SA-SW-02

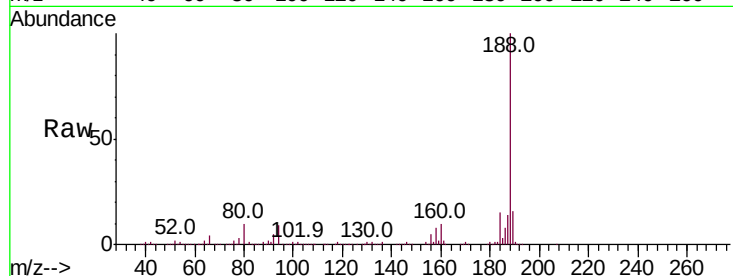
Tot Ion:188 Resp: 430886

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

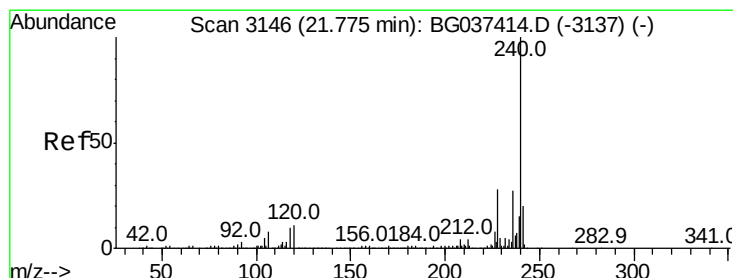
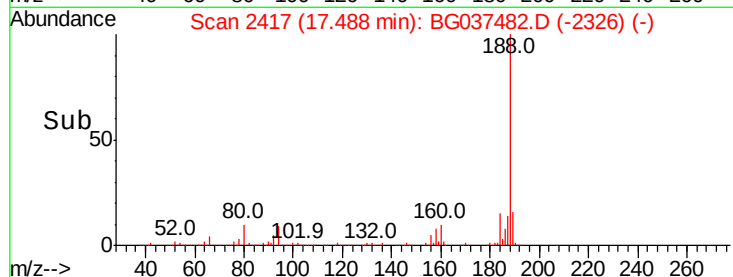
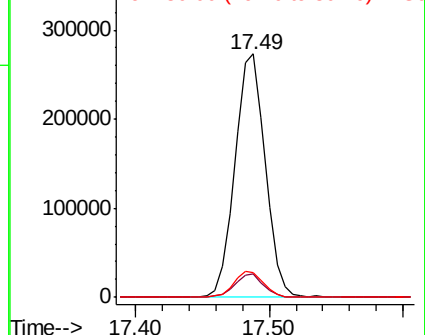
80 10.2 7.7 11.5



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: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037482.D

Acq: 23 Oct 2018 18:50

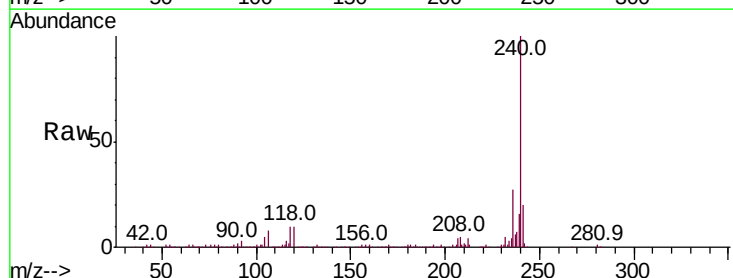
Tgt Ion:240 Resp: 392358

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

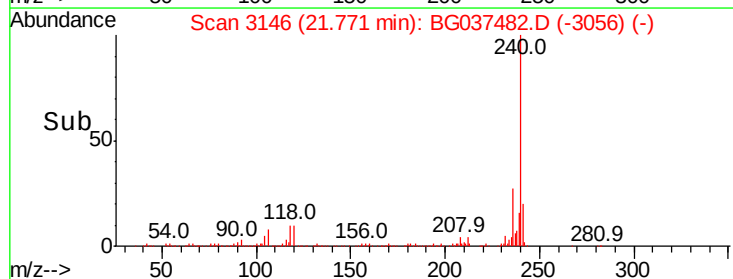
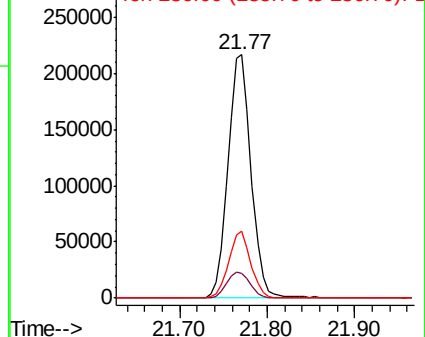
236 27.4 21.4 32.0

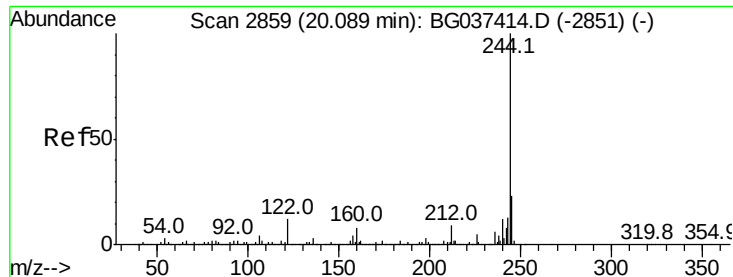


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.180 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037482.D

Acq: 23 Oct 2018 18:50

Instrument :

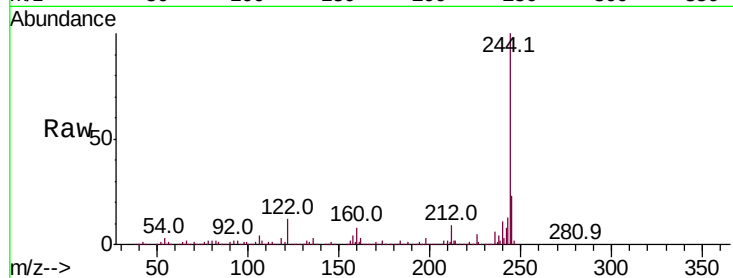
BNA_G

ClientSampleId :

SA-SW-02

Tot Ion:244 Resp: 1398838

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	12.0	9.0	13.4

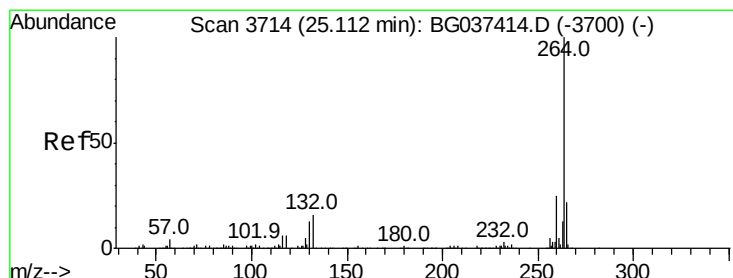
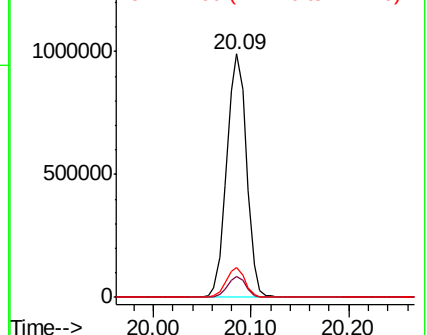
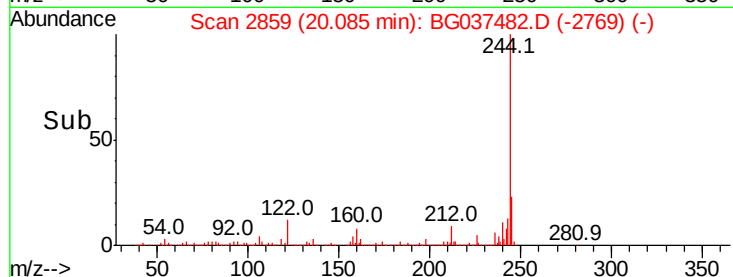


Abundance

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# 3713

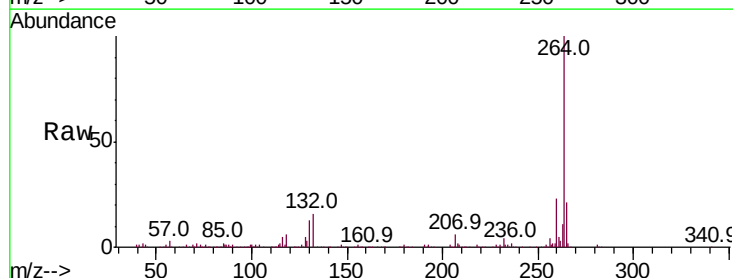
Delta R.T. -0.01 min

Lab File: BG037482.D

Acq: 23 Oct 2018 18:50

Tgt Ion:264 Resp: 391966

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.5	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

