

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037301.D
 Acq On : 12 Oct 2018 21:36
 Operator : JU/SJ
 Sample : J5193-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-101118

Quant Time: Oct 13 00:45:18 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	8.12	152	56745	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	233808	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	154148	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	406936	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	392625	20.00	ng	-0.01
87) Perylene-d12	25.13	264	400112	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	376754	116.85	ng	0.00
7) Phenol-d6	7.25	99	493922	100.92	ng	0.00
23) Nitrobenzene-d5	9.29	82	334854	94.16	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	210333	139.13	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	786256	76.60	ng	0.00
79) Terphenyl-d14	20.10	244	1468785	78.55	ng	0.00

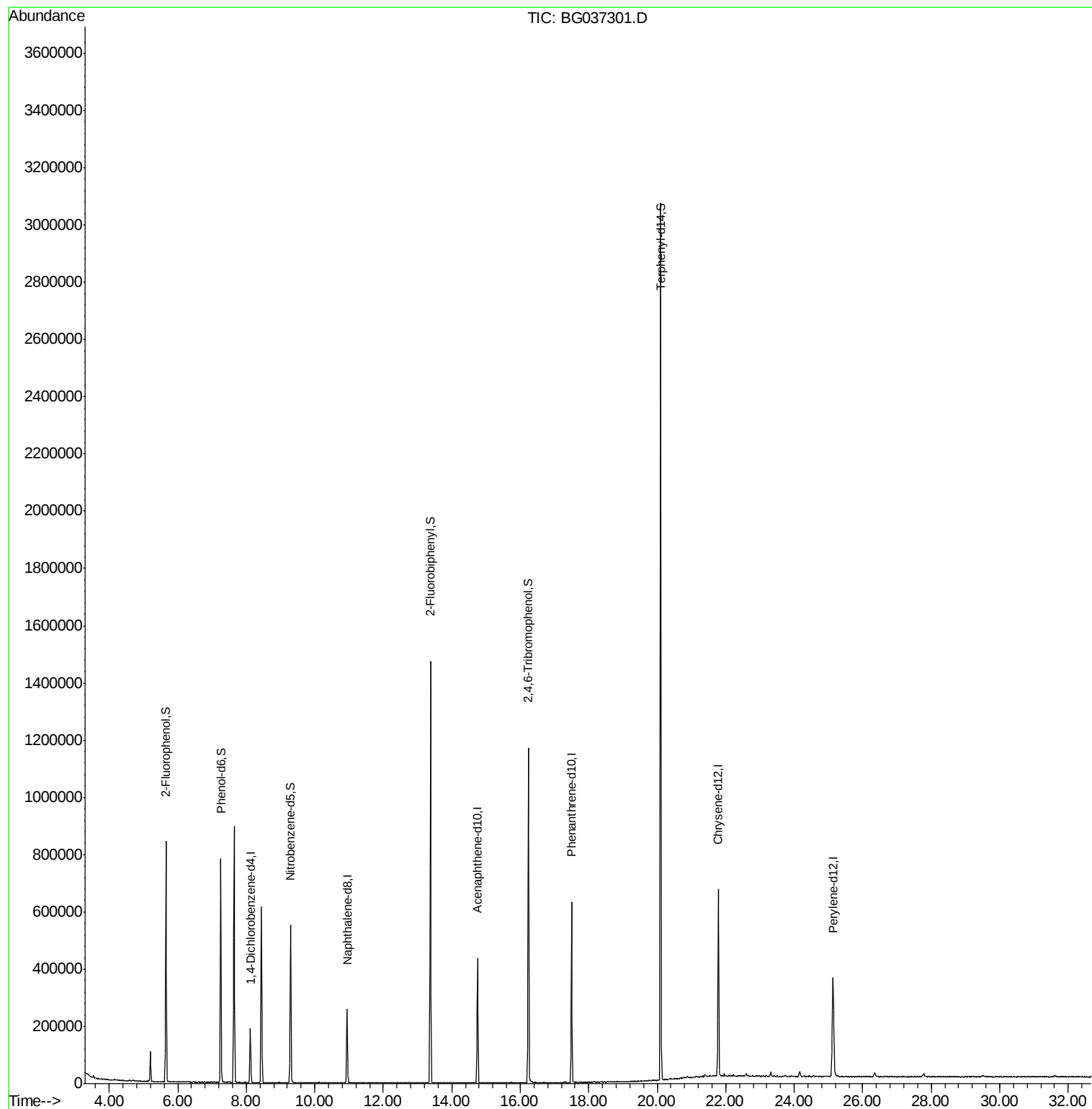
Target Compounds Qvalue

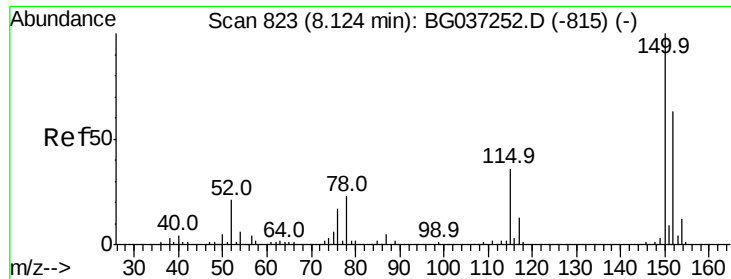
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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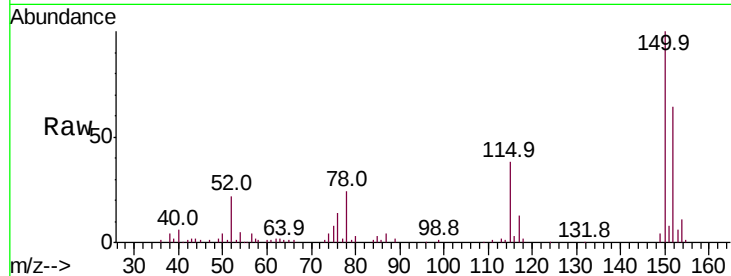


#1

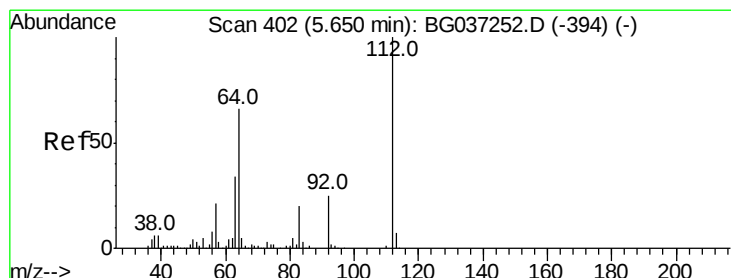
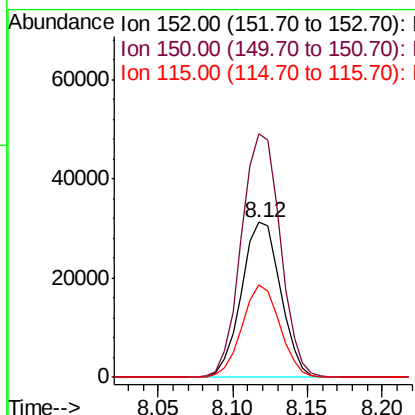
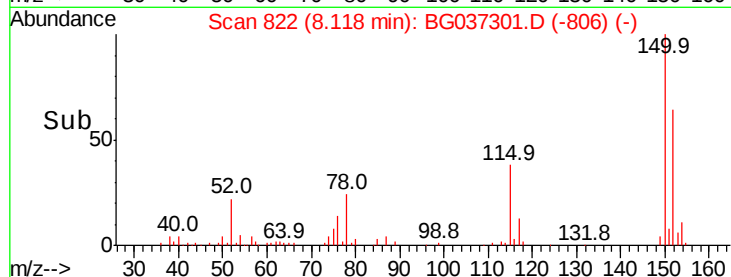
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tot Ion:152 Resp: 56745
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 60.0 45.5 68.3



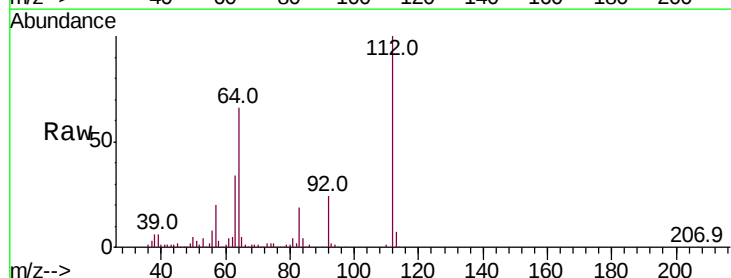
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



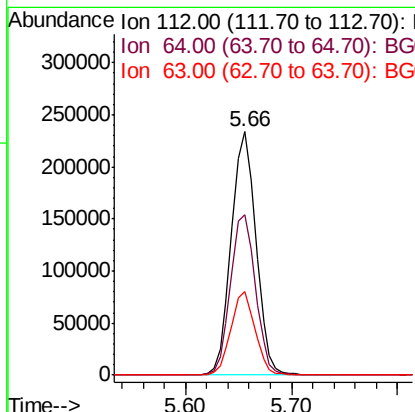
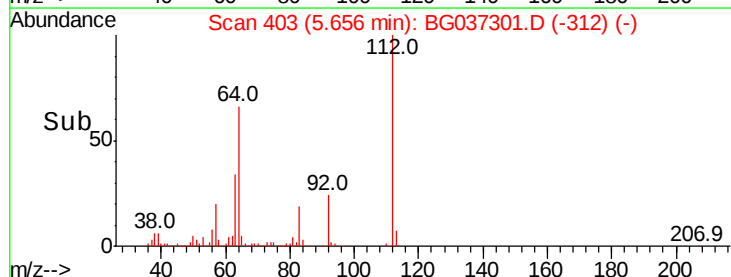
#5

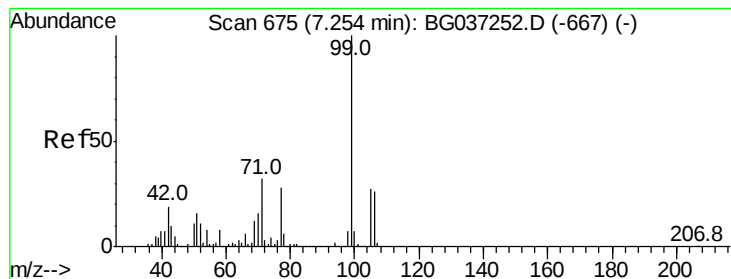
2-Fluorophenol
Concen: 116.848 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:112 Resp: 376754
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 34.2 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: 100.924 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

Instrument :

BNA_G

ClientSampleId :

BU-01-101118

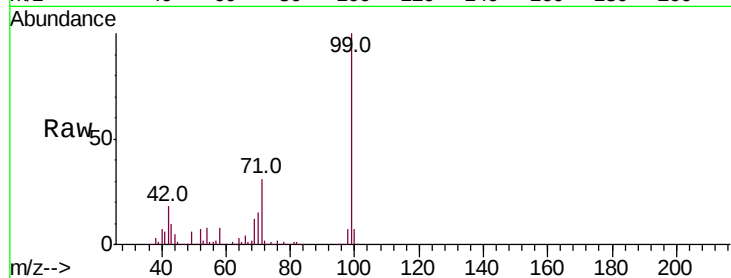
Tot Ion: 99 Resp: 493922

Ion Ratio Lower Upper

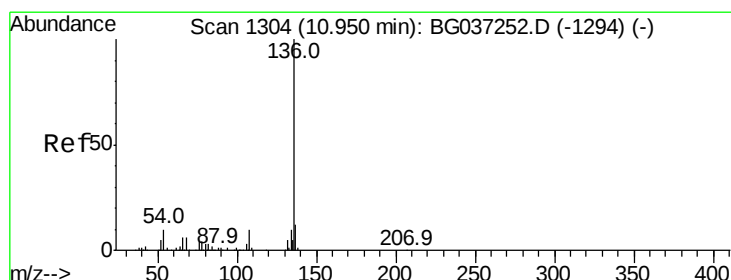
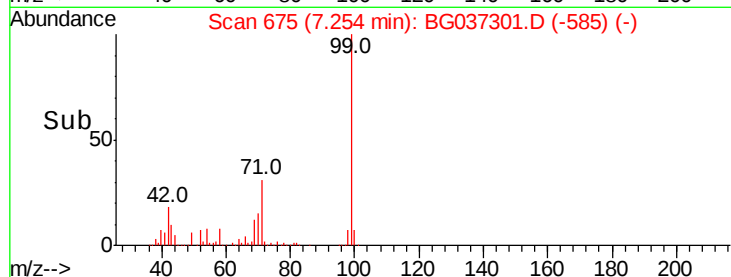
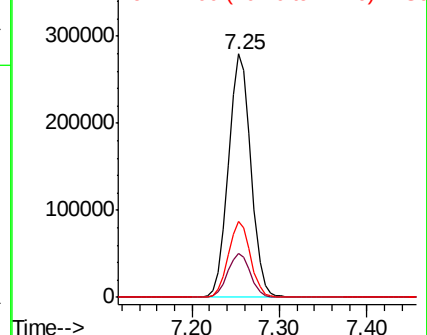
99 100

42 18.2 15.0 22.4

71 31.3 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: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

Tgt Ion: 136 Resp: 233808

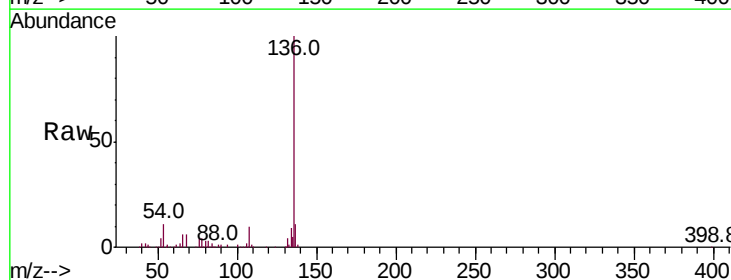
Ion Ratio Lower Upper

136 100

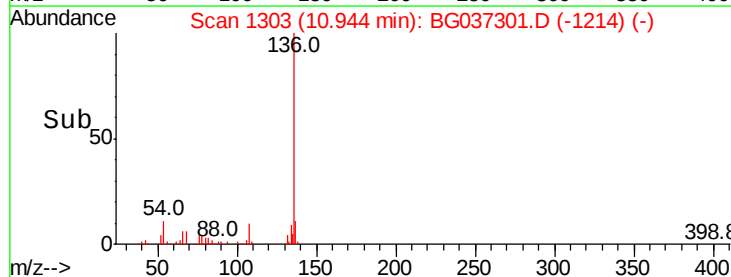
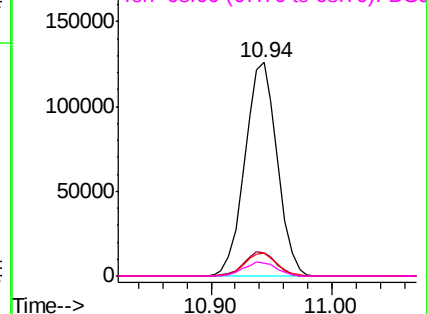
137 10.8 9.6 14.4

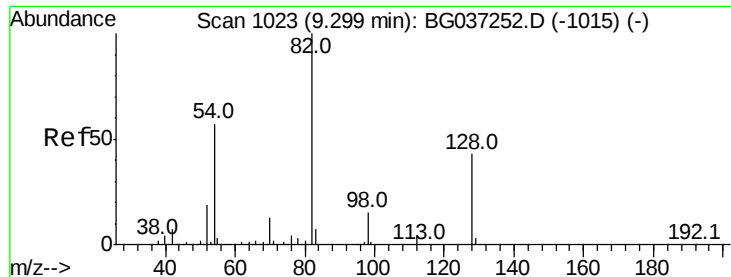
54 10.6 7.9 11.9

68 6.1 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

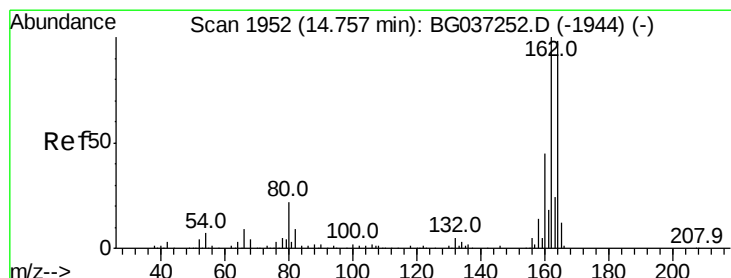
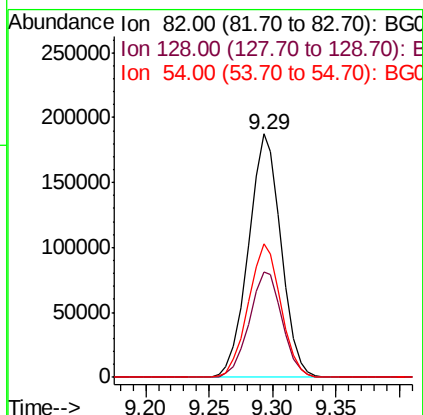
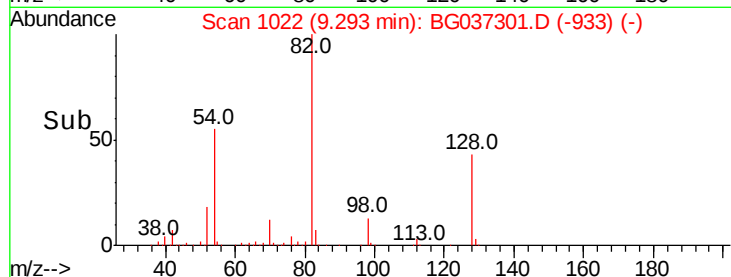
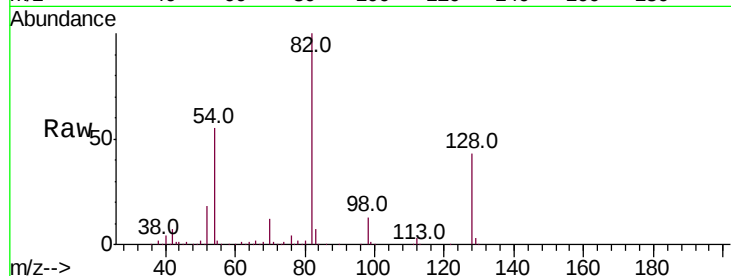




#23
Nitrobenzene-d5
Concen: 94.158 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

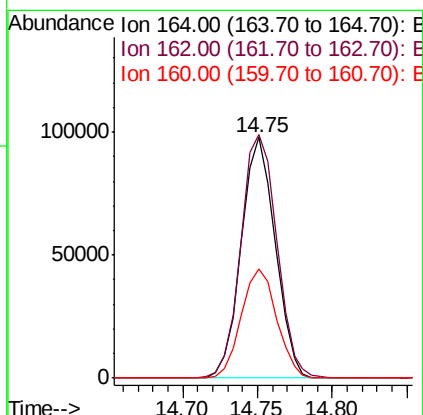
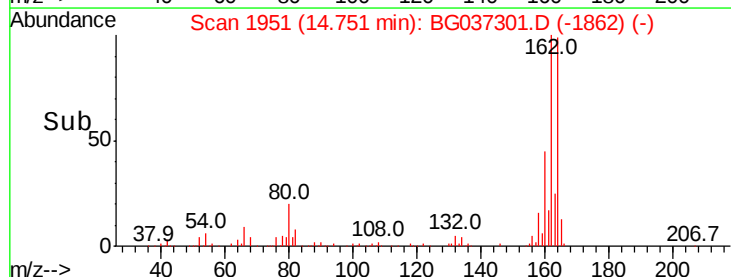
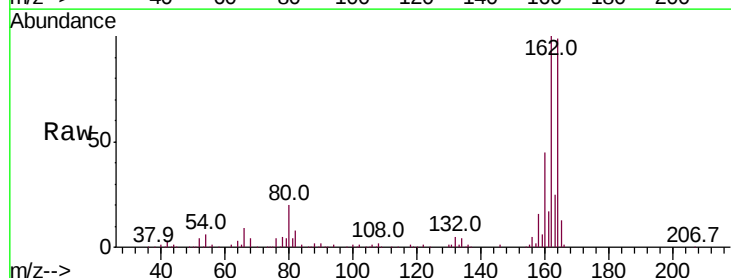
Instrument :
BNA_G
ClientSampleId :
BU-01-101118

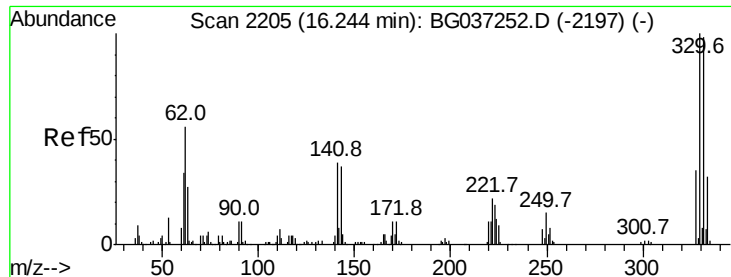
Tot Ion	82	Resp	334854
Ion Ratio	100	Lower	Upper
128	43.5	34.6	51.8
54	55.1	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion	164	Resp	154148
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.1	81.3	121.9
160	45.4	36.3	54.5

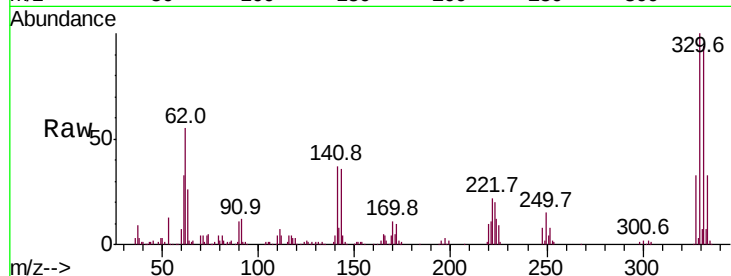




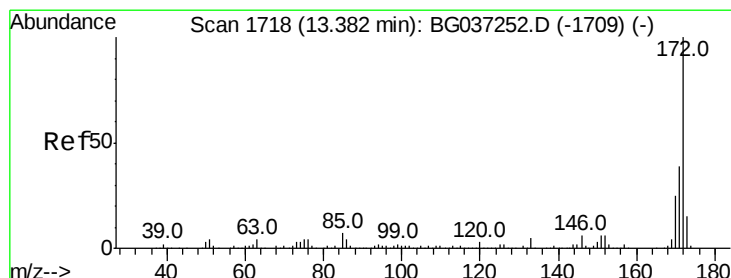
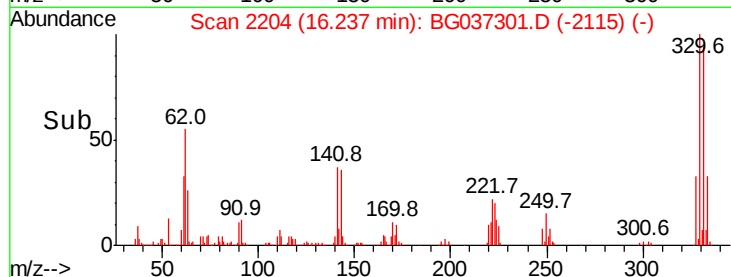
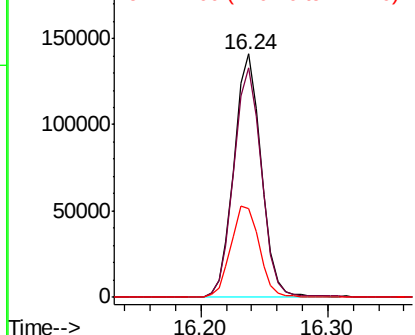
#42
 2,4,6-Tribromophenol
 Concen: 139.131 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG037301.D
 Acq: 12 Oct 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-101118

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	39.4	32.2	48.2

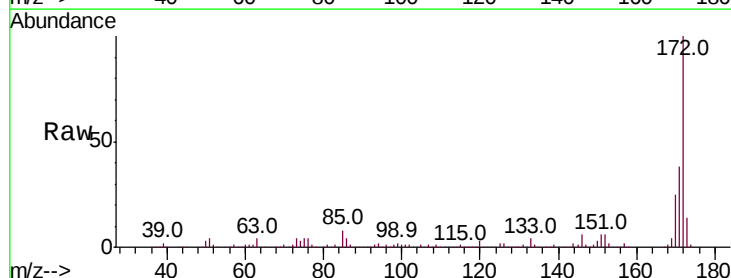


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

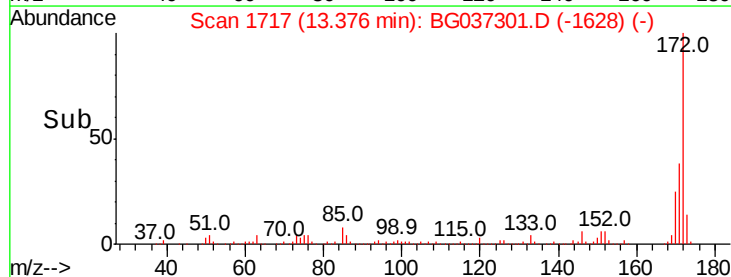
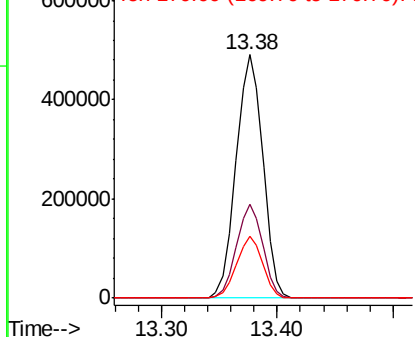


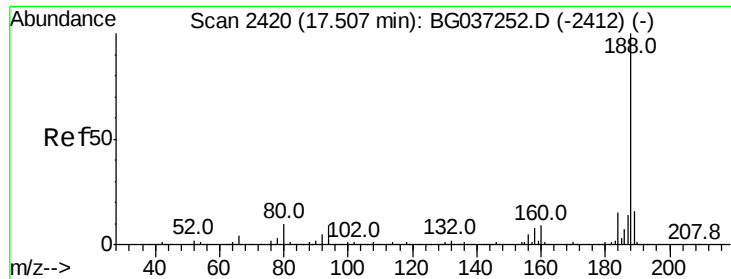
#45
 2-Fluorobiphenyl
 Concen: 76.600 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037301.D
 Acq: 12 Oct 2018 21:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.2	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# 2418

Delta R.T. -0.01 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

Instrument :

BNA_G

ClientSampleId :

BU-01-101118

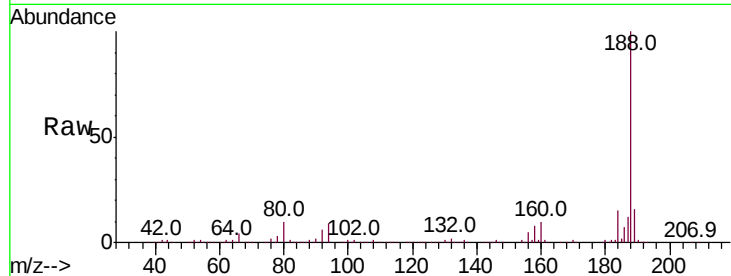
Tot Ion:188 Resp: 406936

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

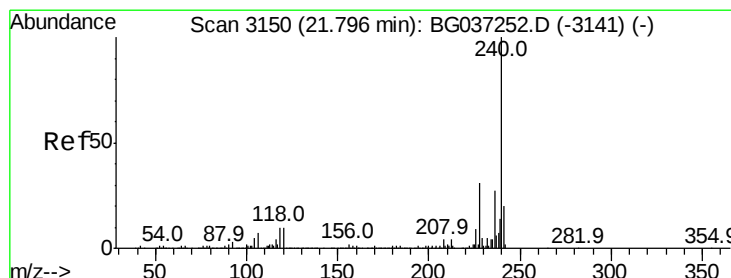
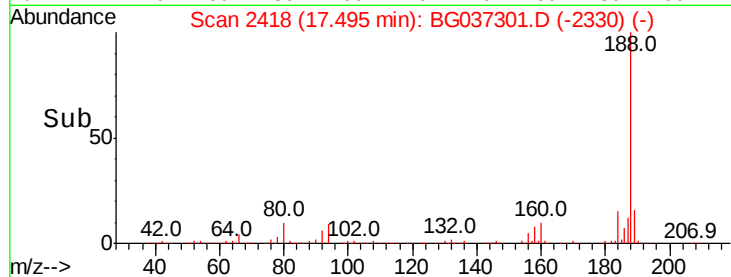
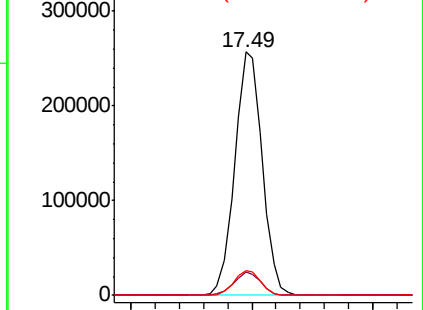
80 9.9 7.7 11.5



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# 3148

Delta R.T. -0.01 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

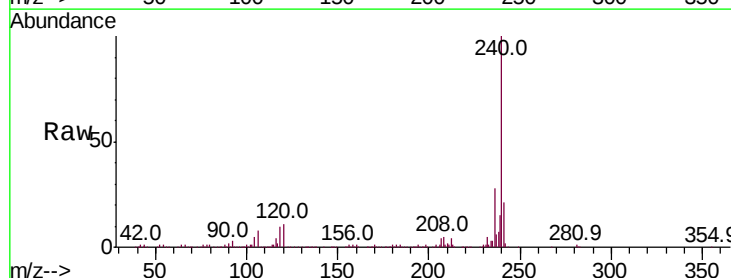
Tgt Ion:240 Resp: 392625

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

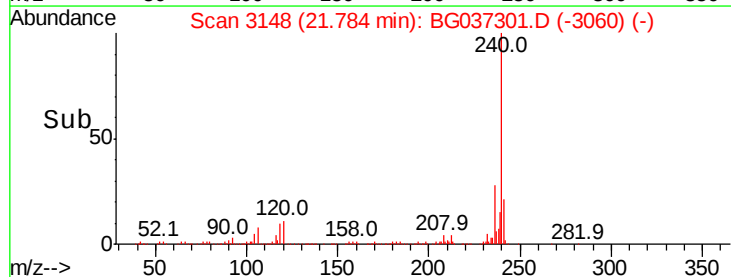
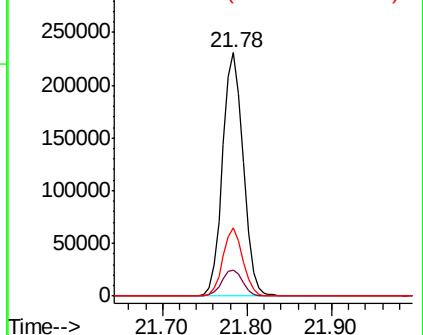
236 27.8 21.4 32.0

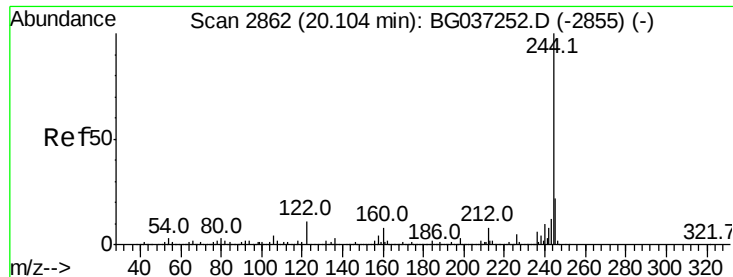


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



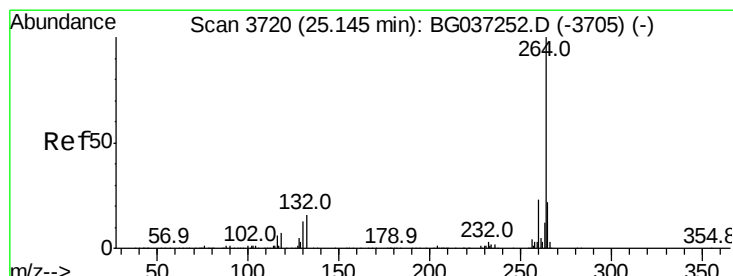
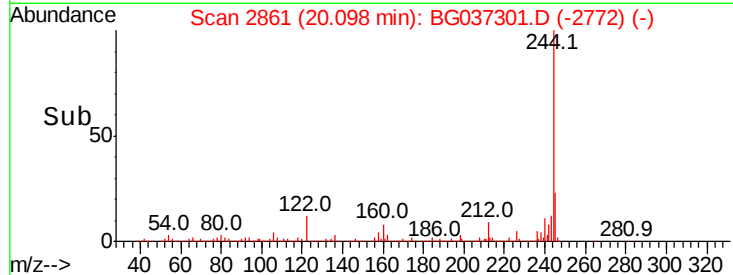
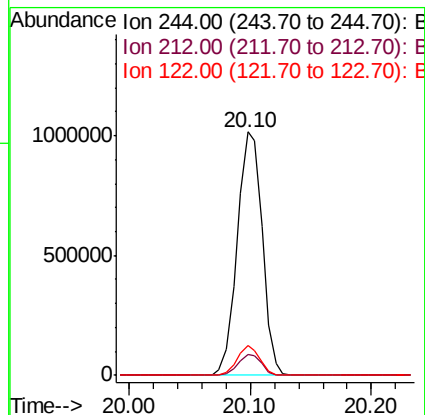
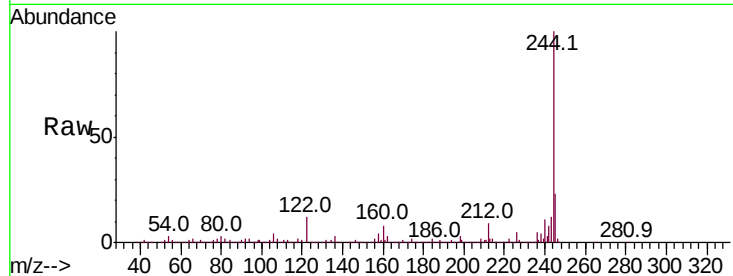


#79
 Terphenyl-d14
 Concen: 78.550 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037301.D
 Acq: 12 Oct 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-101118

Tot Ion:244 Resp: 1468785

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	12.2	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG037301.D
 Acq: 12 Oct 2018 21:36

Tgt Ion:264 Resp: 400112

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	20.2	17.9	26.9

