

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037629.D
 Acq On : 29 Oct 2018 19:09
 Operator : JU/SJ
 Sample : J5691-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Quant Time: Oct 30 05:10:26 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

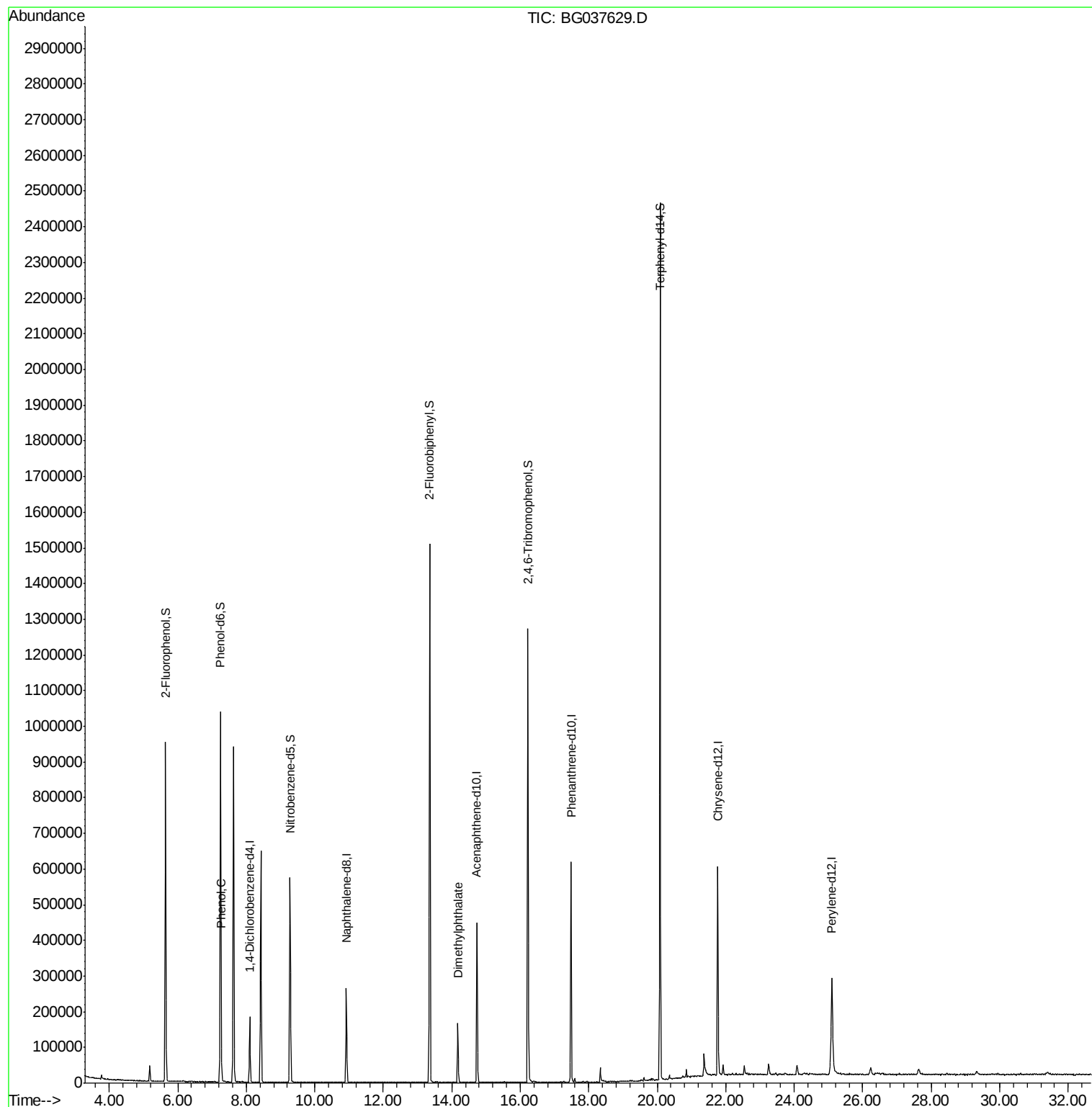
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55415	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	243315	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166095	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	394220	20.00	ng	0.00
76) Chrysene-d12	21.77	240	363623	20.00	ng	0.00
87) Perylene-d12	25.10	264	350713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	441514	133.20	ng	0.00
7) Phenol-d6	7.25	99	646580	129.00	ng	0.00
23) Nitrobenzene-d5	9.27	82	374780	86.29	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	234840	129.63	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	837008	75.99	ng	0.00
79) Terphenyl-d14	20.08	244	1209754	71.09	ng	0.00
Target Compounds						
10) Phenol	7.27	94	37769	7.142	ng	94
50) Dimethylphthalate	14.18	163	124376	9.680	ng	98

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

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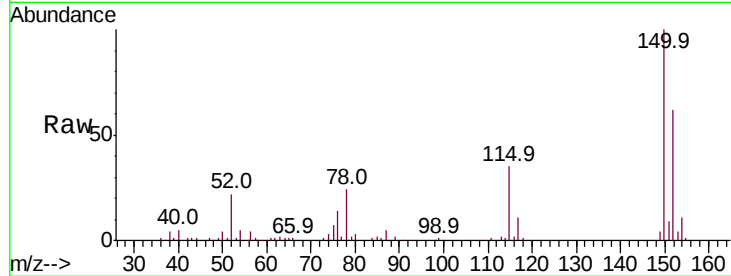


#1

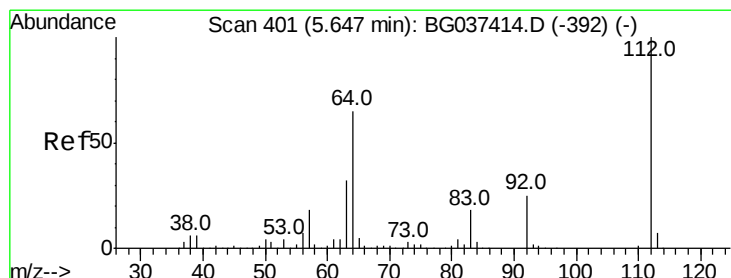
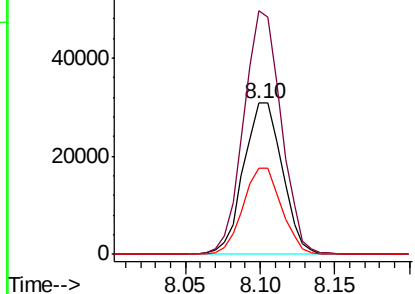
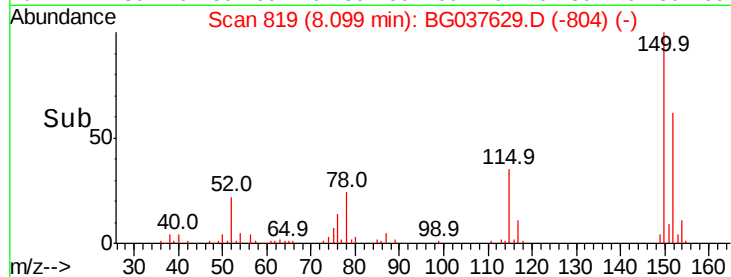
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Instrument :
BNA_G
ClientSampleId :
SB-7

Tot Ion:152 Resp: 55415
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 57.1 45.5 68.3



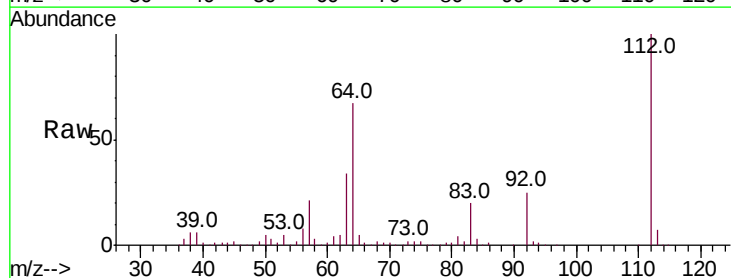
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



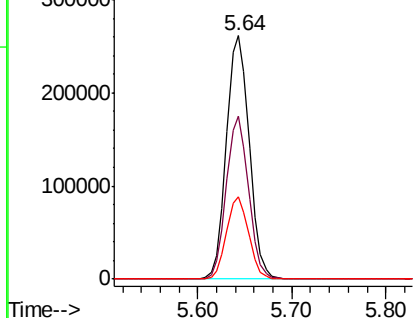
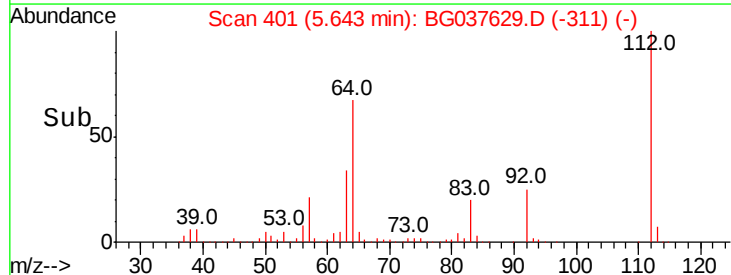
#5

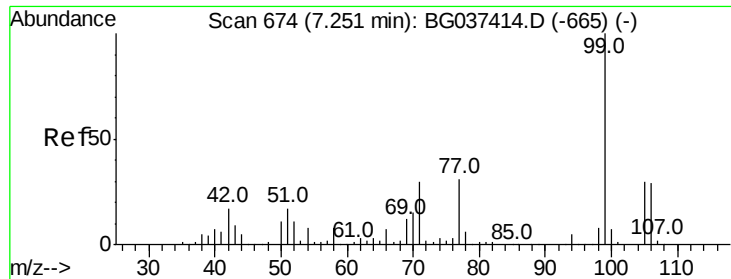
2-Fluorophenol
Concen: 133.203 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Tgt Ion:112 Resp: 441514
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 33.9 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: 129.005 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Instrument :

BNA_G

ClientSampleId :

SB-7

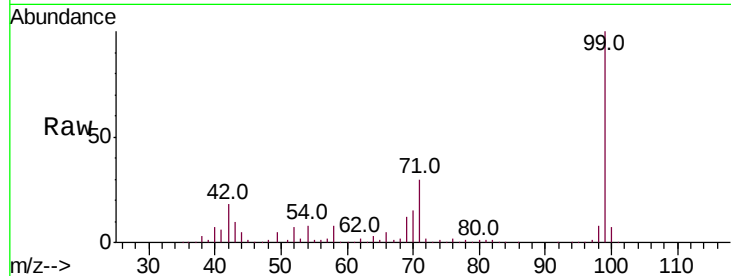
Tot Ion: 99 Resp: 646580

Ion Ratio Lower Upper

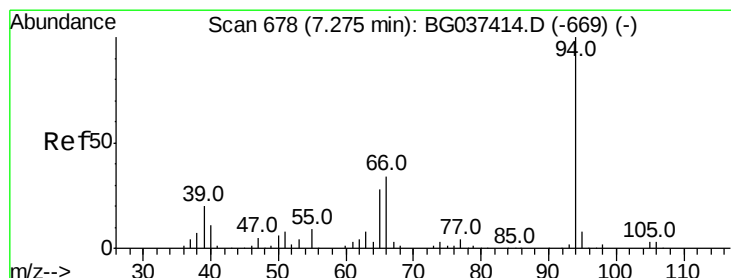
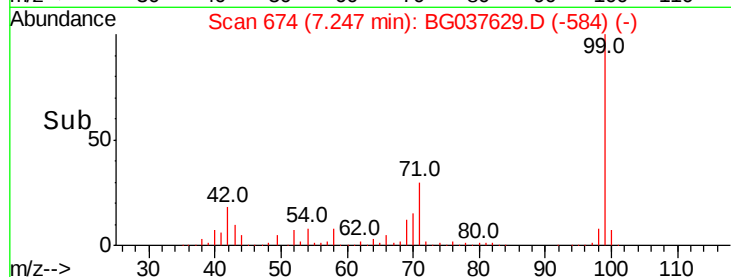
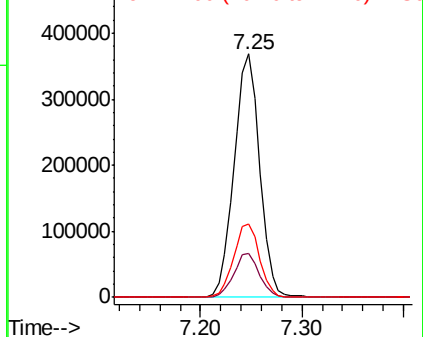
99 100

42 18.1 15.0 22.4

71 30.3 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



#10

Phenol

Concen: 7.142 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

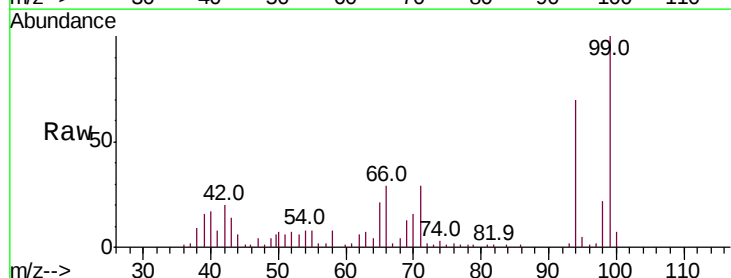
Tgt Ion: 94 Resp: 37769

Ion Ratio Lower Upper

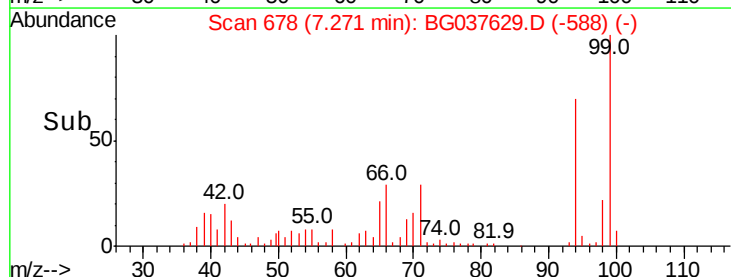
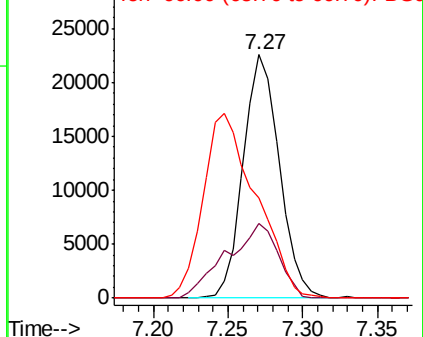
94 100

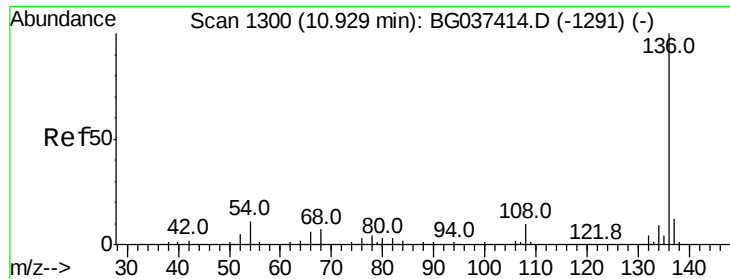
65 30.4 9.7 49.7

66 41.3 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

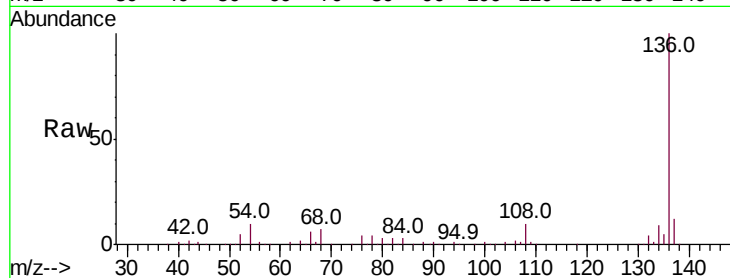




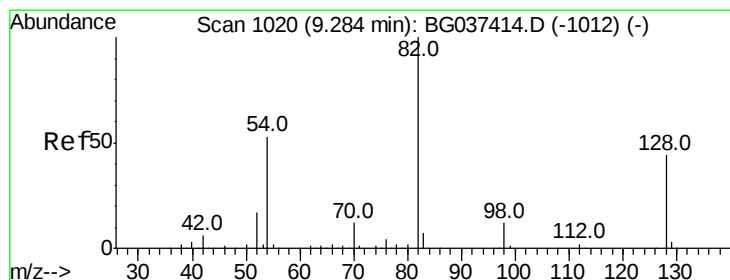
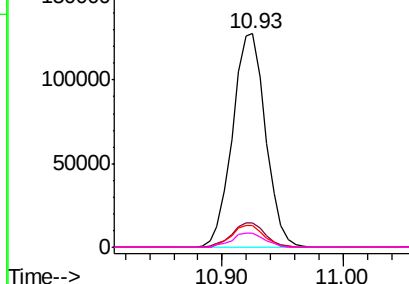
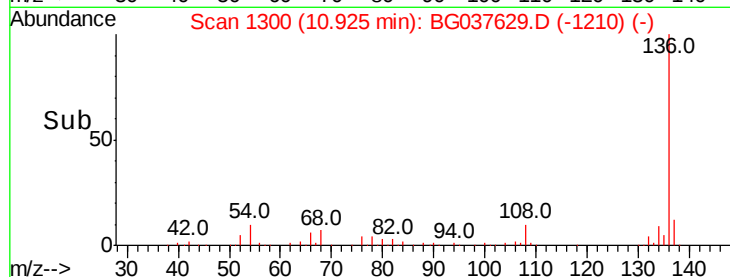
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Instrument :
BNA_G
ClientSampleId :
SB-7

Tot Ion:	136	Resp:	243315
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.9	7.9	11.9
68	6.8	4.8	7.2

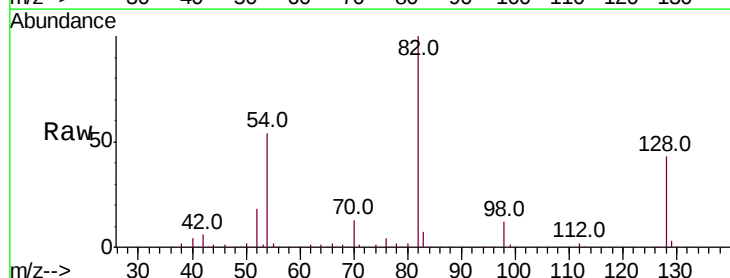


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

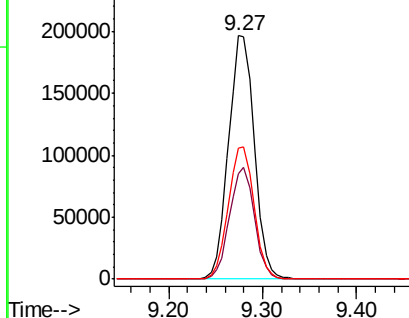
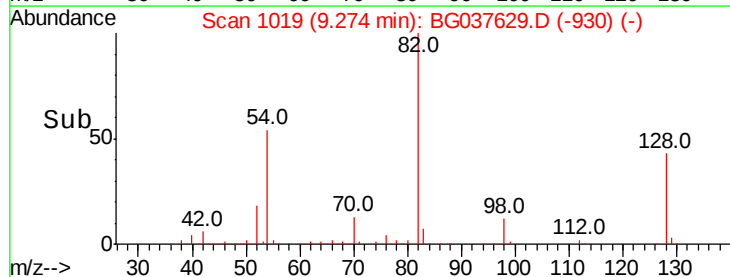


#23
Nitrobenzene-d5
Concen: 86.286 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Tgt Ion:	82	Resp:	374780
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	53.8	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Instrument :

BNA_G

ClientSampled :

SB-7

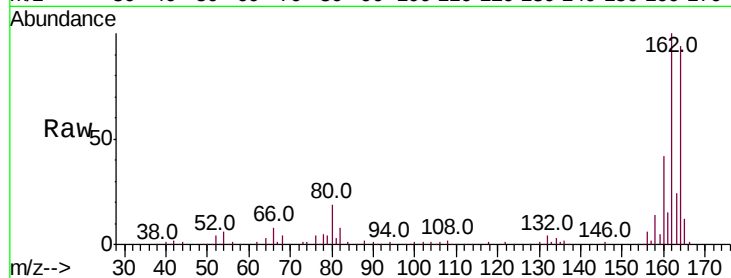
Tot Ion:164 Resp: 166095

Ion Ratio Lower Upper

164 100

162 106.4 81.3 121.9

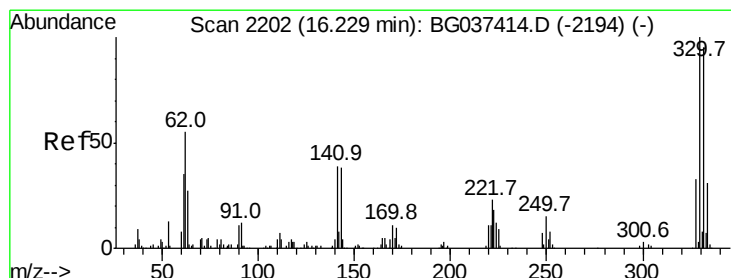
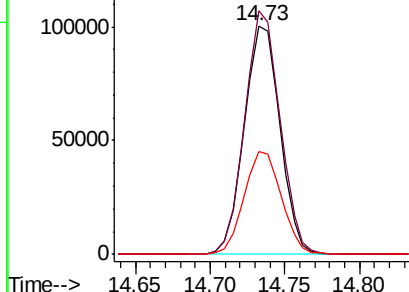
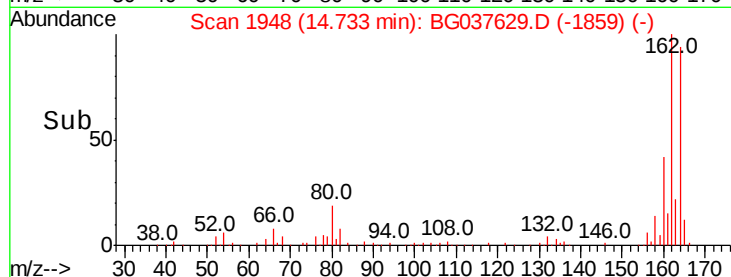
160 45.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 129.633 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

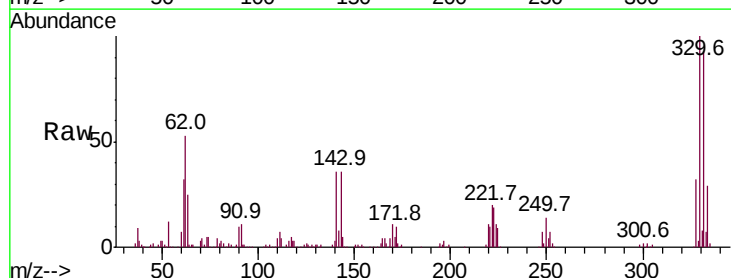
Tgt Ion:330 Resp: 234840

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

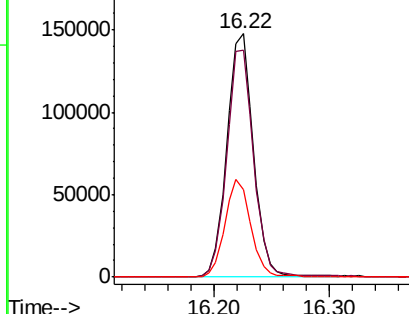
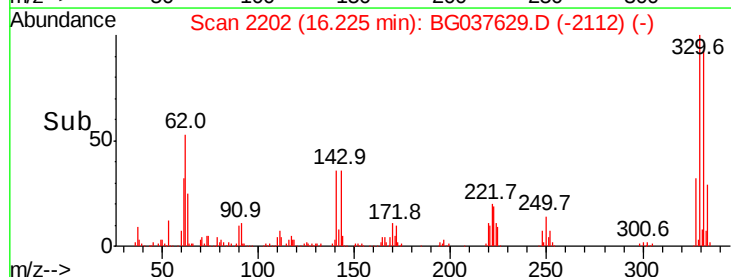
141 39.1 32.2 48.2



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

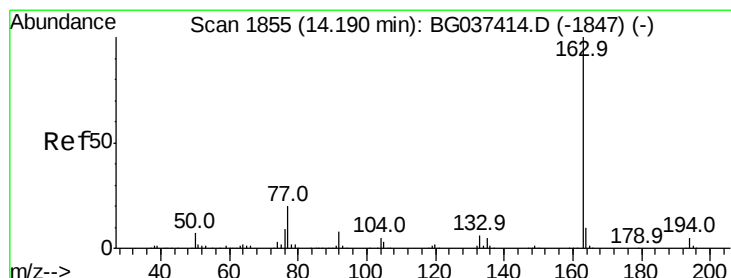
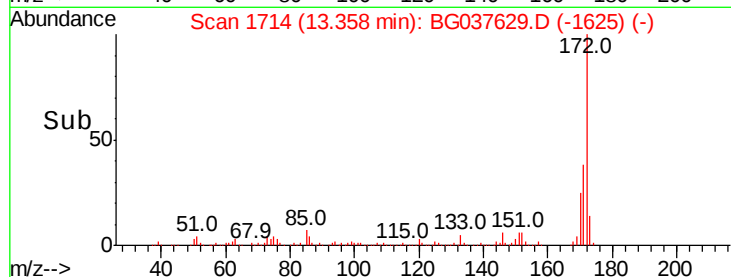
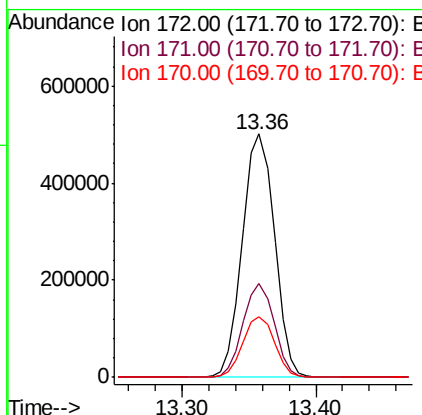
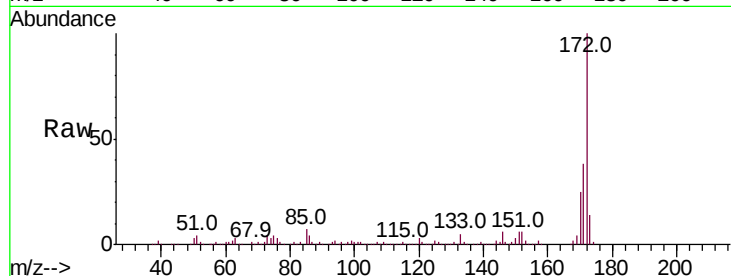




#45
2-Fluorobiphenyl
Concen: 75.990 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

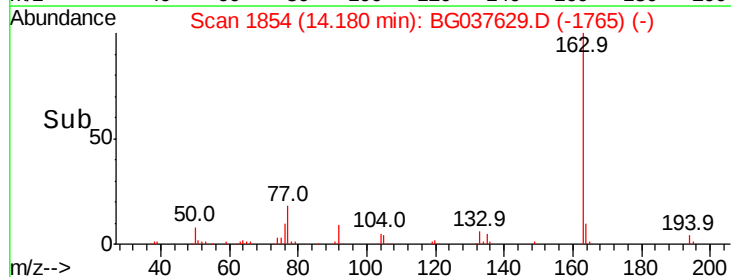
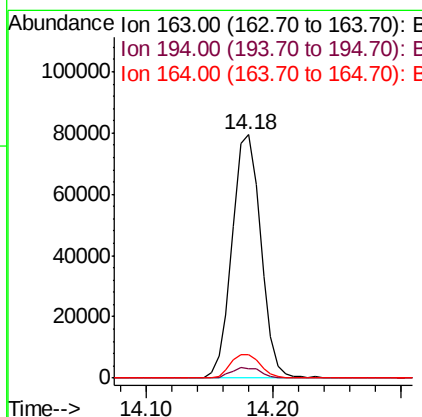
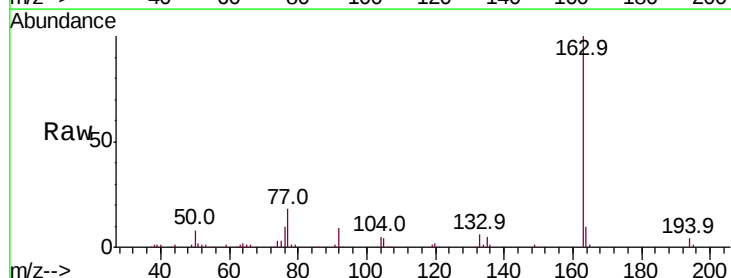
Instrument :
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ClientSampleId :
SB-7

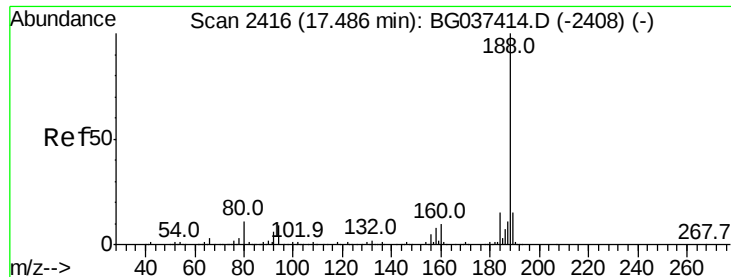
Tot Ion:172 Resp: 837008
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.4
170 25.0 20.2 30.2



#50
Dimethylphthalate
Concen: 9.680 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Tgt Ion:163 Resp: 124376
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.6 8.5 12.7

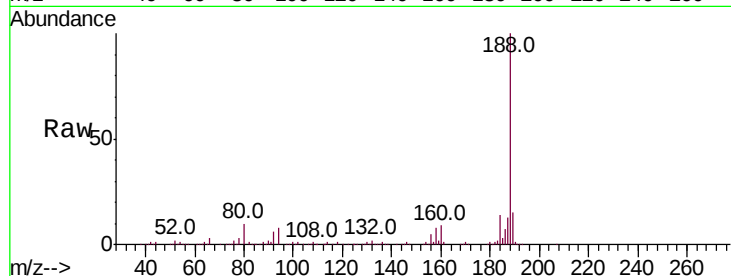




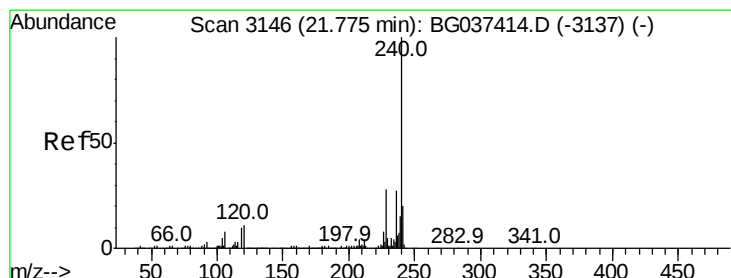
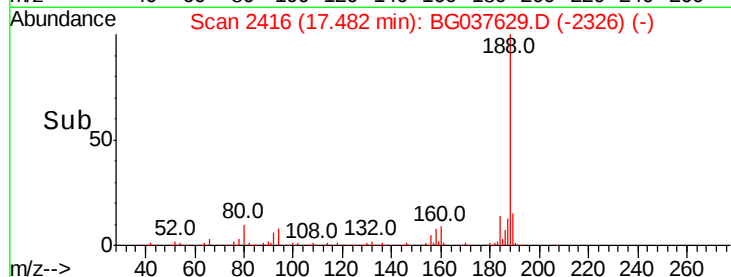
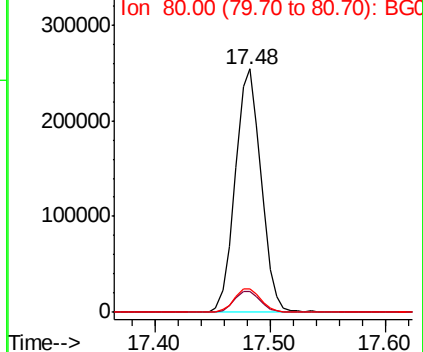
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Instrument :
BNA_G
ClientSampleId :
SB-7

Tot Ion:188 Resp: 394220
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.8 7.7 11.5

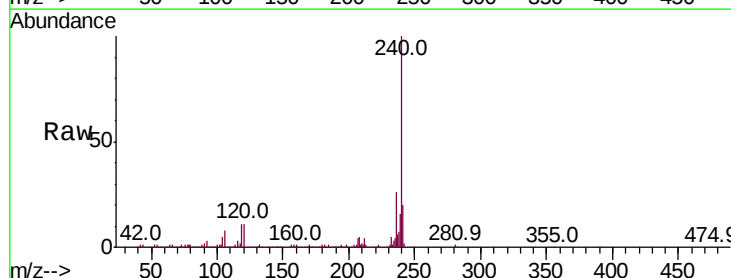


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

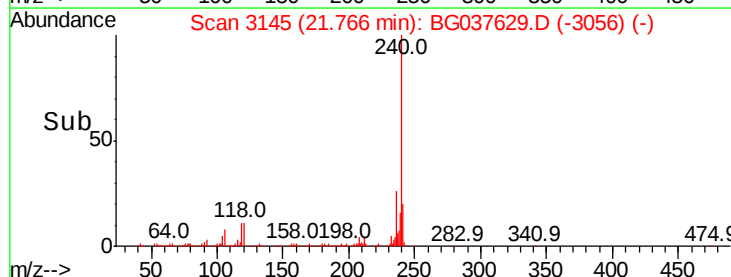
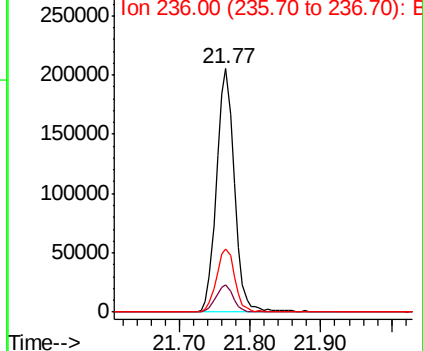


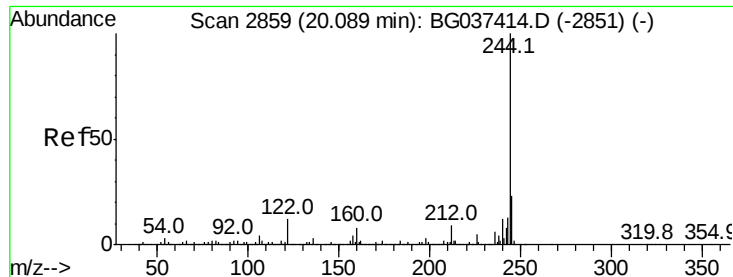
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Tgt Ion:240 Resp: 363623
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 26.1 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: 71.089 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Instrument :

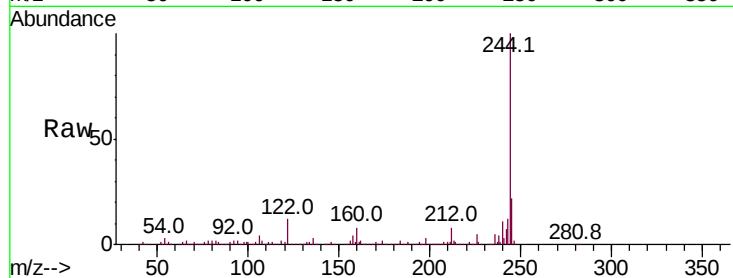
BNA_G

ClientSampleId :

SB-7

Tot Ion:244 Resp: 1209754

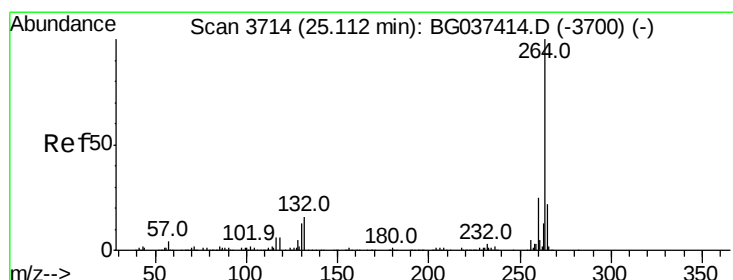
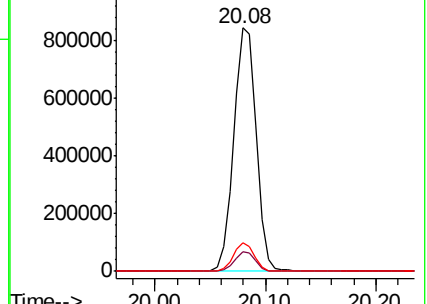
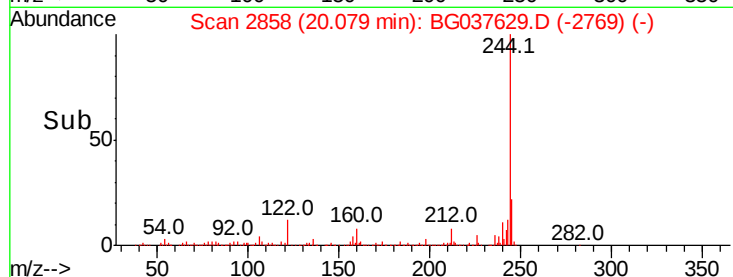
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.6	9.0	13.4



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

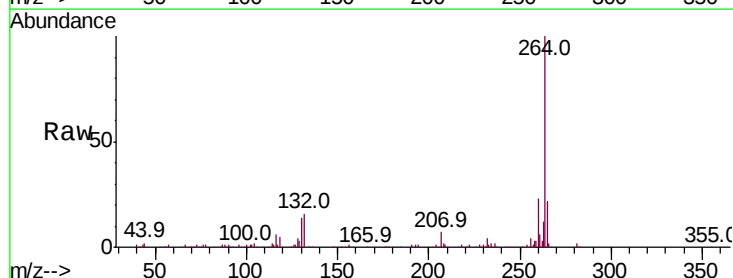
Delta R.T. -0.01 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Tgt Ion:264 Resp: 350713

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.7	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

