

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037868.D
 Acq On : 7 Nov 2018 16:44
 Operator : JU/SJ
 Sample : J5820-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS123081

Quant Time: Nov 08 14:40:33 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

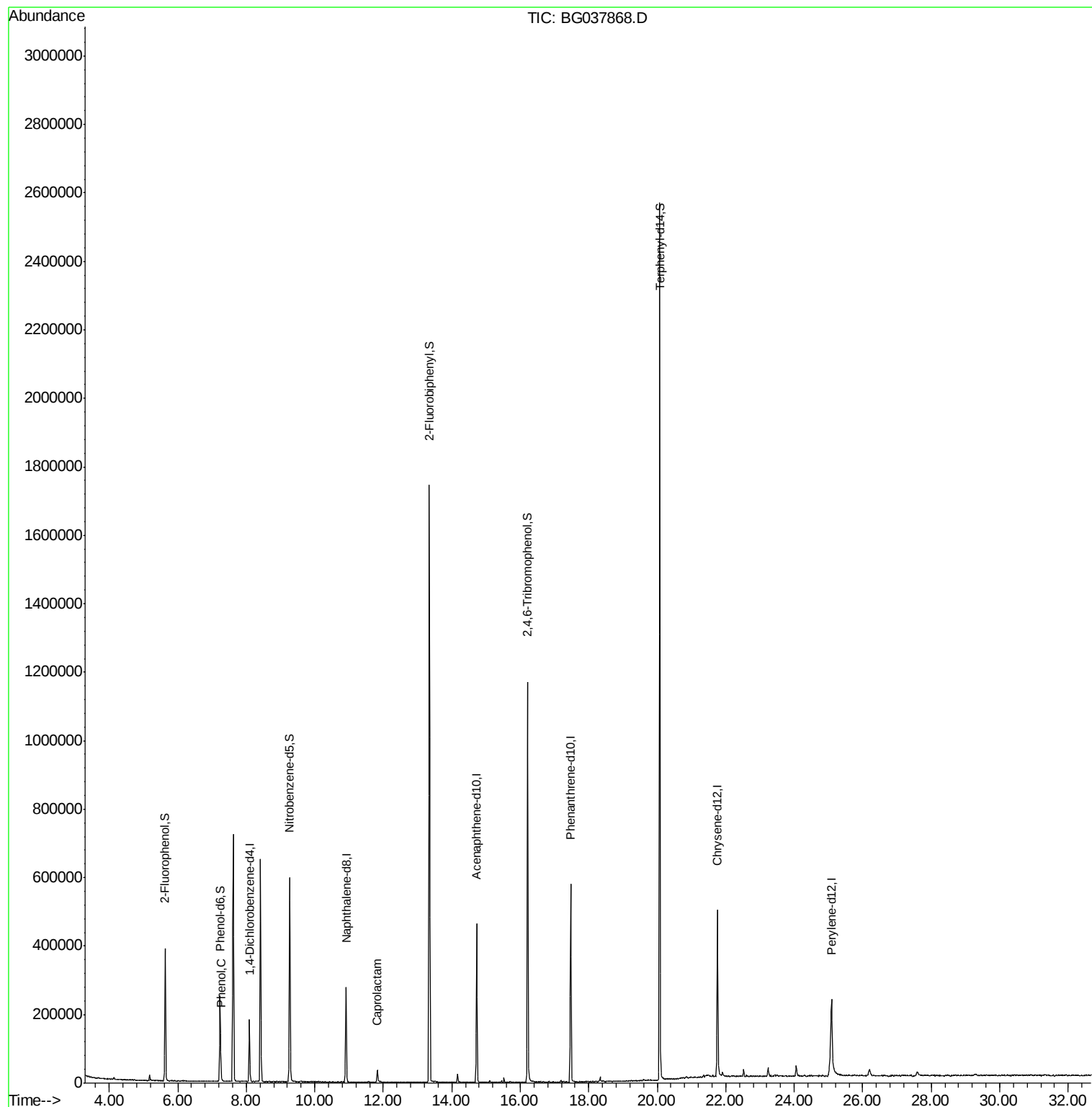
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54670	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	253131	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	167531	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	370774	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	336169	20.00	ng	-0.02
87) Perylene-d12	25.09	264	303965	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	183076	55.99	ng	-0.01
7) Phenol-d6	7.23	99	170801	34.54	ng	-0.02
23) Nitrobenzene-d5	9.27	82	378229	83.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	218497	119.58	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	925769	83.33	ng	-0.02
79) Terphenyl-d14	20.07	244	1298096	82.51	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	13942	2.672	ng	96
35) Caprolactam	11.83	113	8693	5.156	ng	# 83

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

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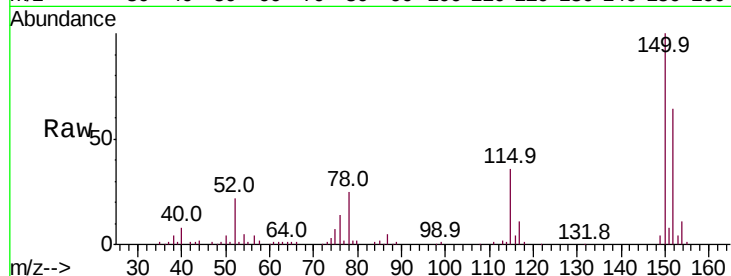


#1

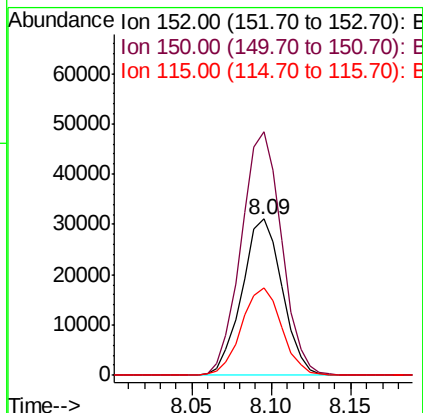
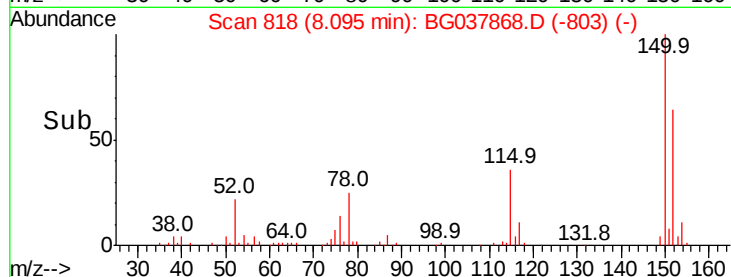
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037868.D
Acq: 7 Nov 2018 16:44

Instrument :
BNA_G
ClientSampleId :
CPS123081

Tot Ion:152 Resp: 54670
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 56.3 45.5 68.3



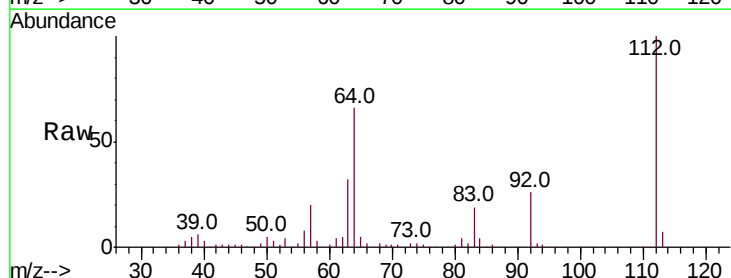
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



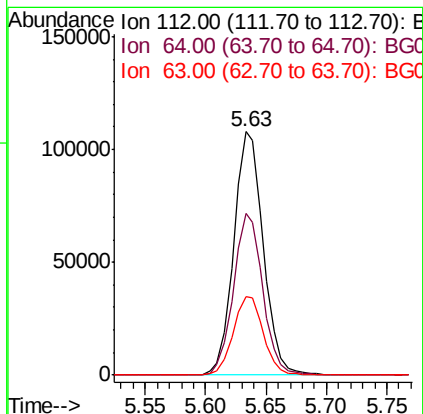
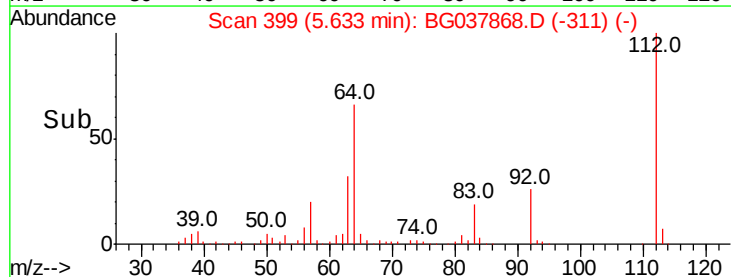
#5

2-Fluorophenol
Concen: 55.986 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037868.D
Acq: 7 Nov 2018 16:44

Tgt Ion:112 Resp: 183076
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 32.2 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: 34.542 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037868.D

Acq: 7 Nov 2018 16:44

Instrument :

BNA_G

ClientSampleId :

CPS123081

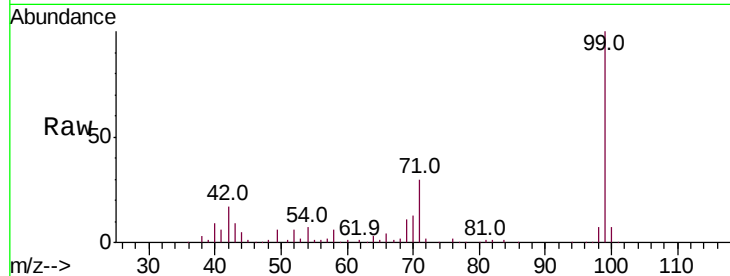
Tot Ion: 99 Resp: 170801

Ion Ratio Lower Upper

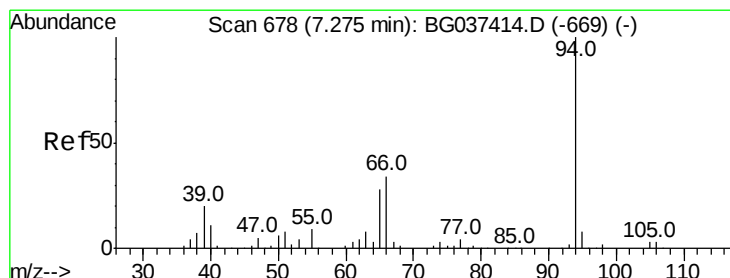
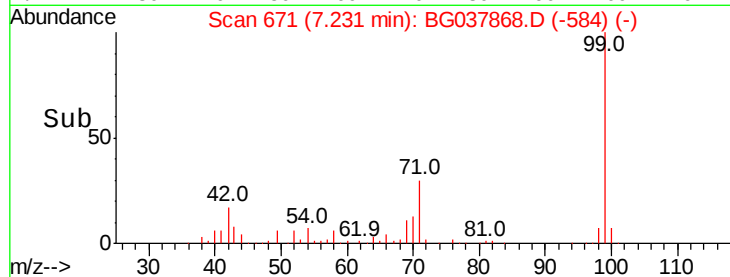
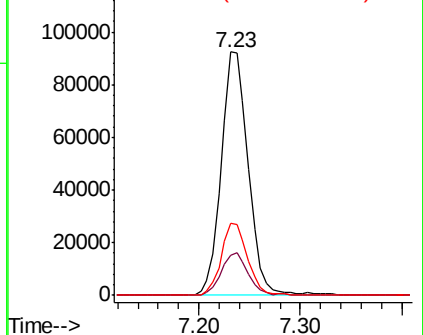
99 100

42 16.6 15.0 22.4

71 29.7 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: 2.672 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037868.D

Acq: 7 Nov 2018 16:44

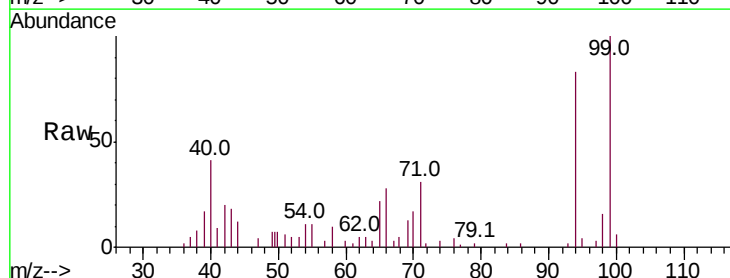
Tgt Ion: 94 Resp: 13942

Ion Ratio Lower Upper

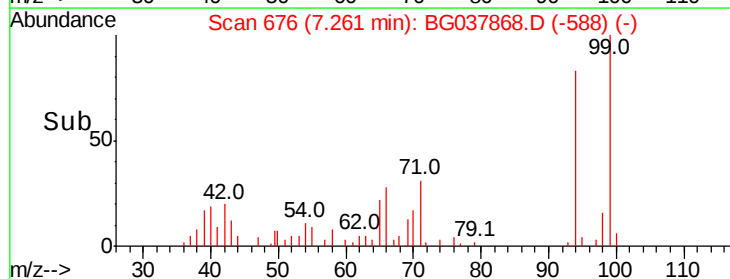
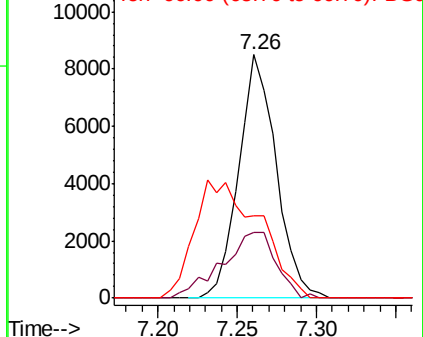
94 100

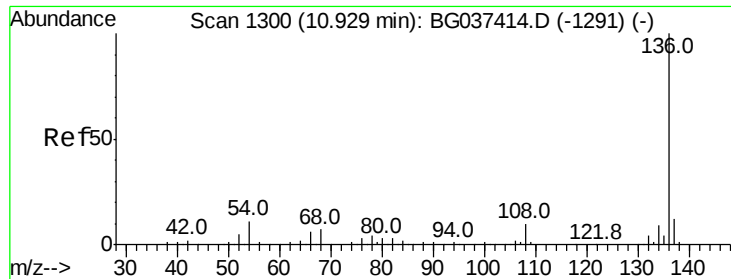
65 26.9 9.7 49.7

66 33.6 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

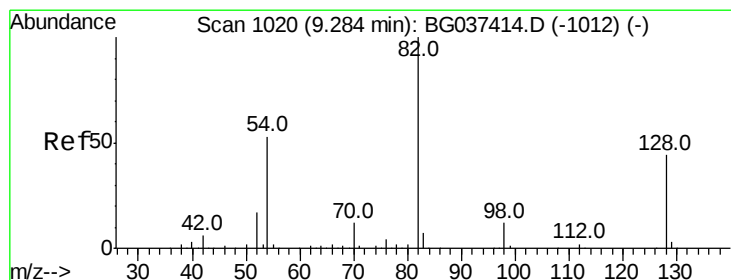
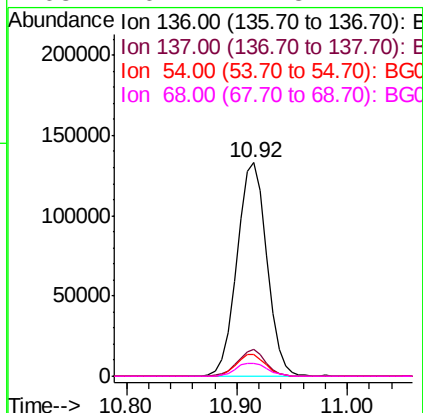
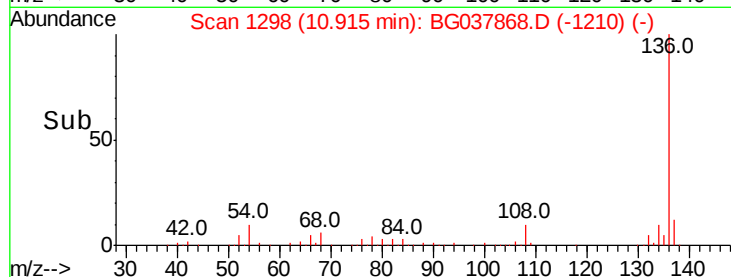
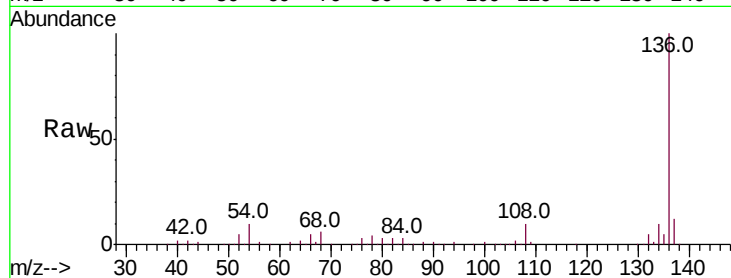




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037868.D
Acq: 7 Nov 2018 16:44

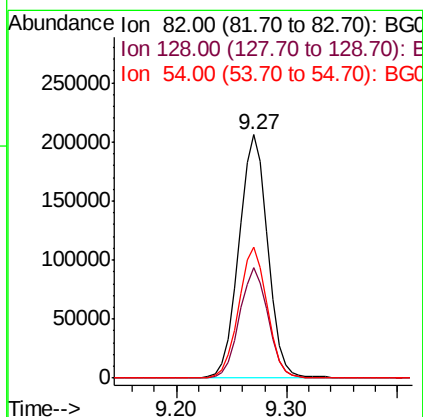
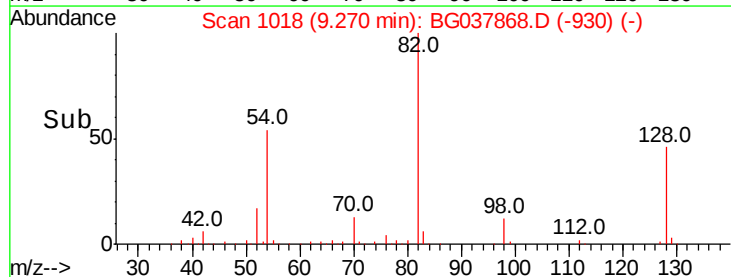
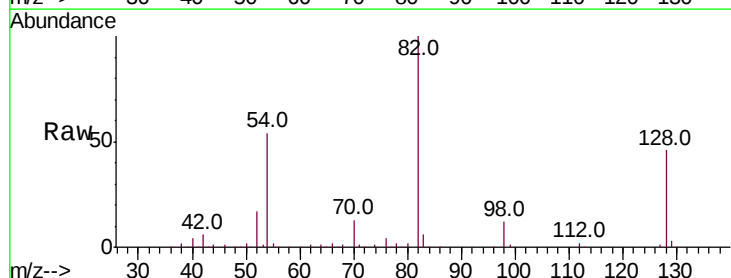
Instrument :
BNA_G
ClientSampleId :
CPS123081

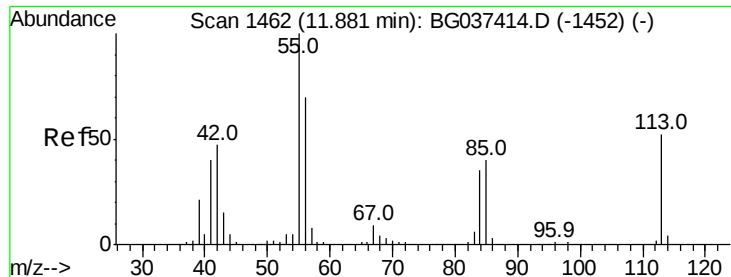
Tot Ion:	136	Resp:	253131
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	10.5	7.9	11.9
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.704 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037868.D
Acq: 7 Nov 2018 16:44

Tgt Ion:	82	Resp:	378229
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	53.8	45.3	67.9





#35

Caprolactam

Concen: 5.156 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.05 min

Lab File: BG037868.D

Acq: 7 Nov 2018 16:44

Instrument :

BNA_G

ClientSampleId :

CPS123081

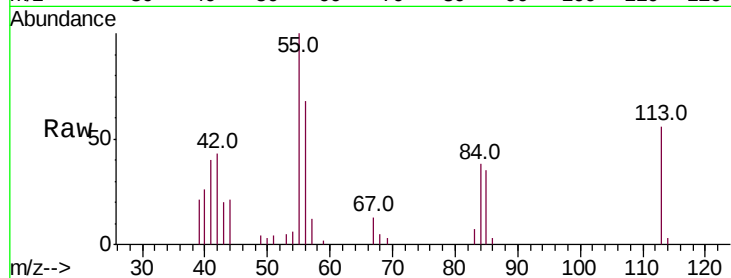
Tot Ion:113 Resp: 8693

Ion Ratio Lower Upper

113 100

55 177.2 176.6 216.6

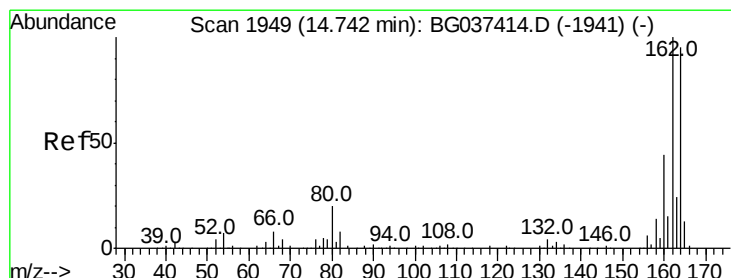
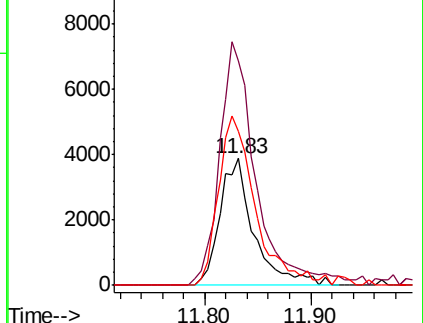
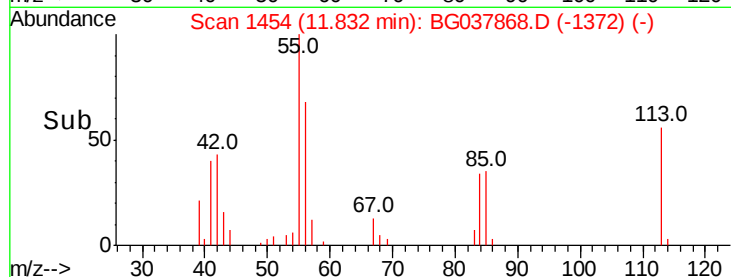
56 121.0 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037868.D

Acq: 7 Nov 2018 16:44

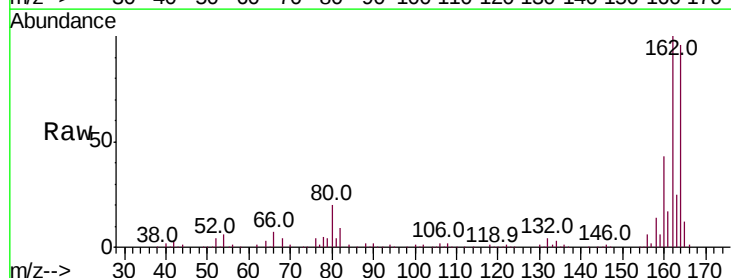
Tgt Ion:164 Resp: 167531

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

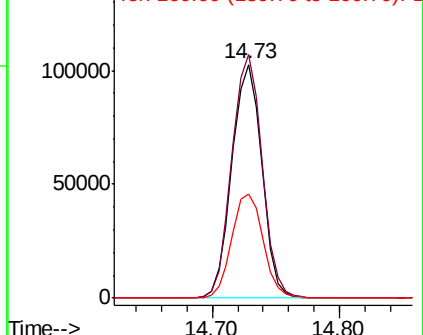
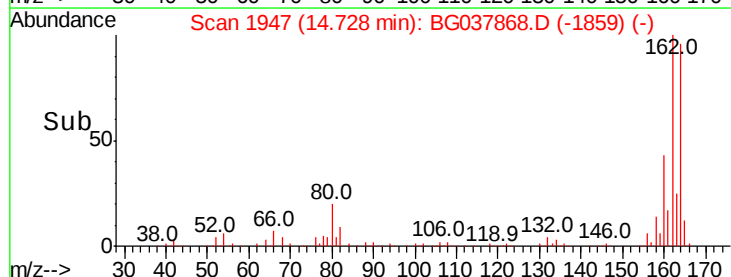
160 44.8 36.3 54.5

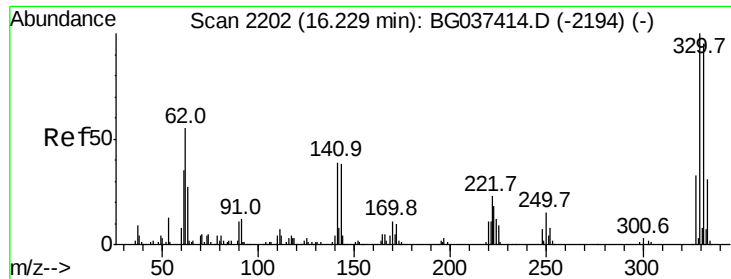


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

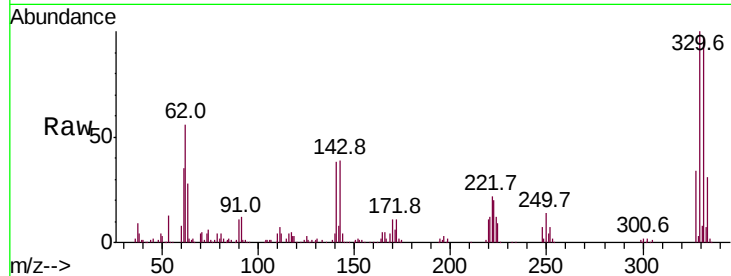




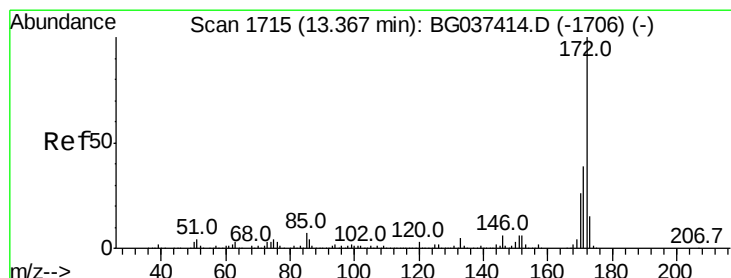
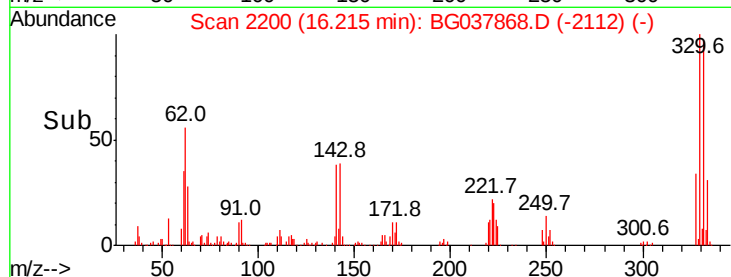
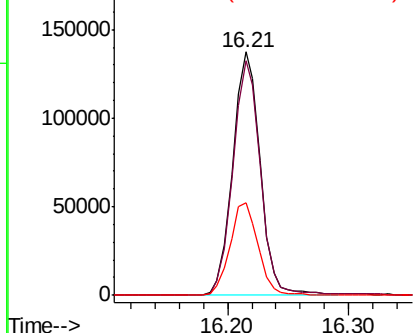
#42
 2,4,6-Tribromophenol
 Concen: 119.577 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037868.D
 Acq: 7 Nov 2018 16:44

Instrument :
 BNA_G
 ClientSampleId :
 CPS123081

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	39.2	32.2	48.2

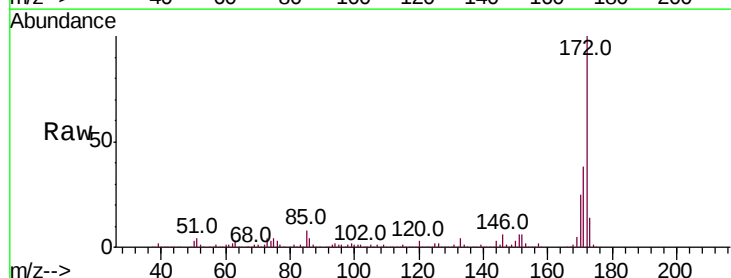


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

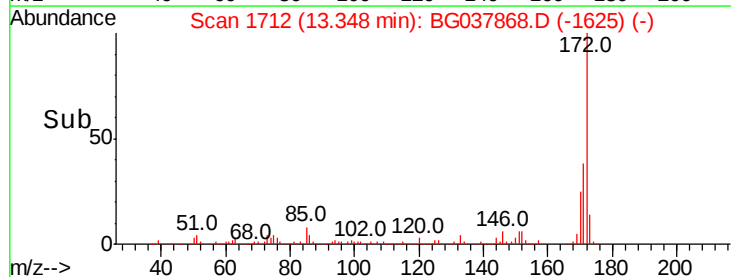
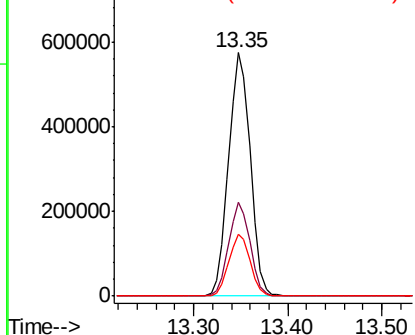


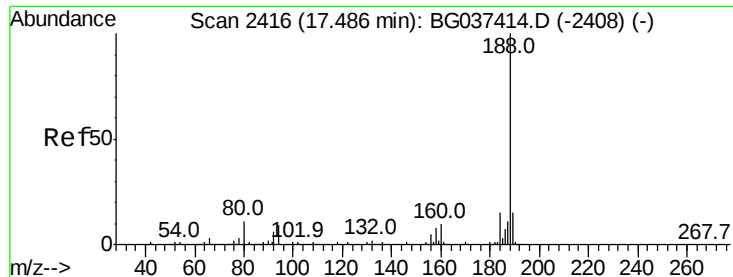
#45
 2-Fluorobiphenyl
 Concen: 83.328 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037868.D
 Acq: 7 Nov 2018 16:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	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

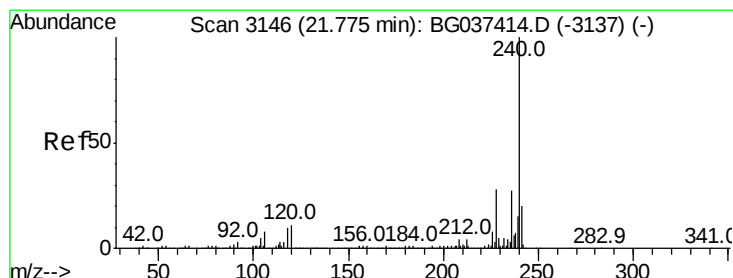
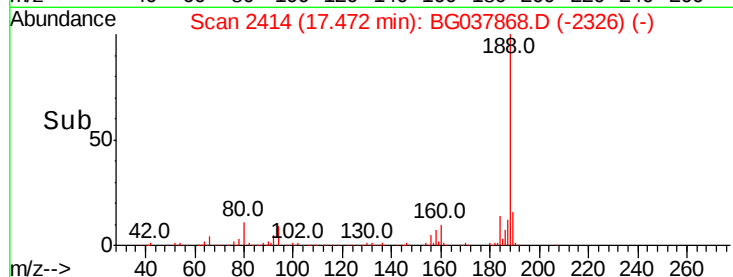
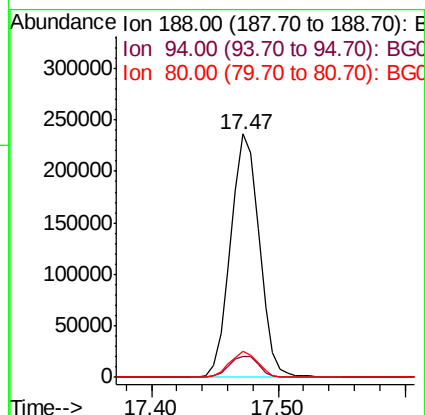
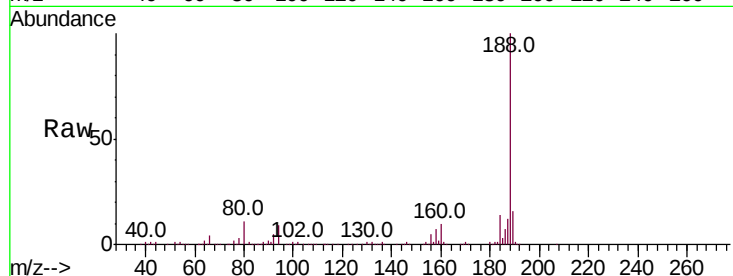




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037868.D
Acq: 7 Nov 2018 16:44

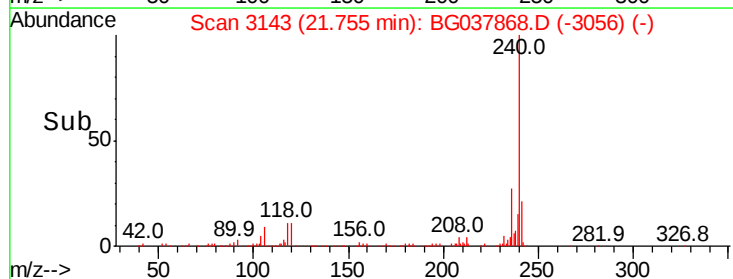
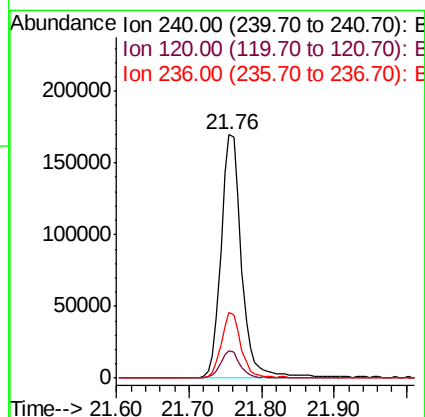
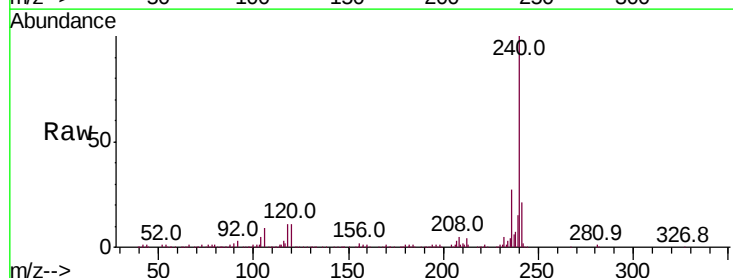
Instrument :
BNA_G
ClientSampleId :
CPS123081

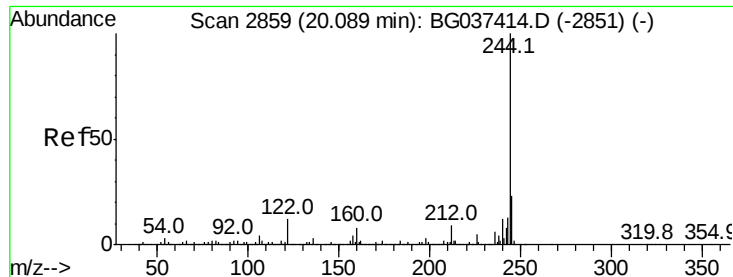
Tot Ion:188 Resp: 370774
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037868.D
Acq: 7 Nov 2018 16:44

Tgt Ion:240 Resp: 336169
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.9 21.4 32.0





#79

Terphenyl-d14

Concen: 82.510 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037868.D

Acq: 7 Nov 2018 16:44

Instrument :

BNA_G

ClientSampleId :

CPS123081

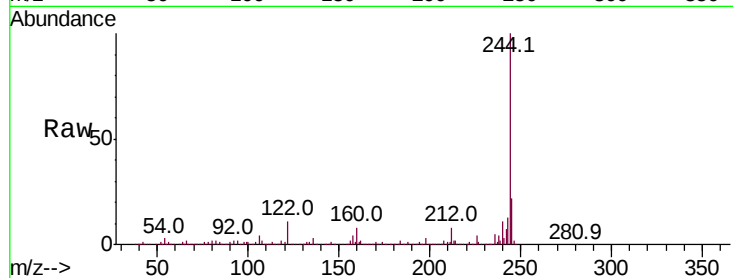
Tot Ion:244 Resp: 1298096

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.1	9.0	13.4

244 100

212 8.3 6.5 9.7

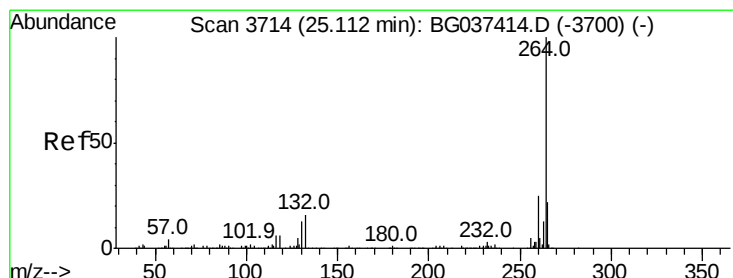
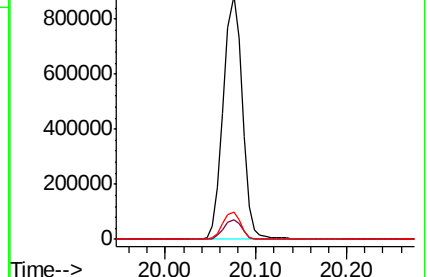
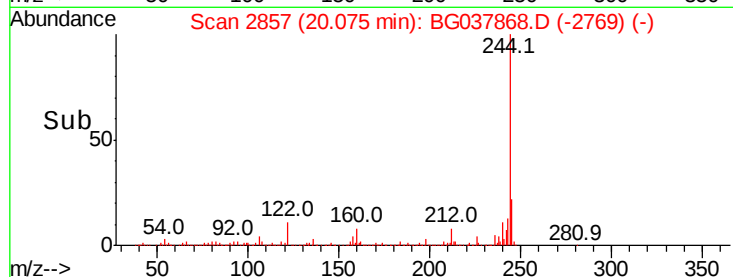
122 11.1 9.0 13.4



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: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037868.D

Acq: 7 Nov 2018 16:44

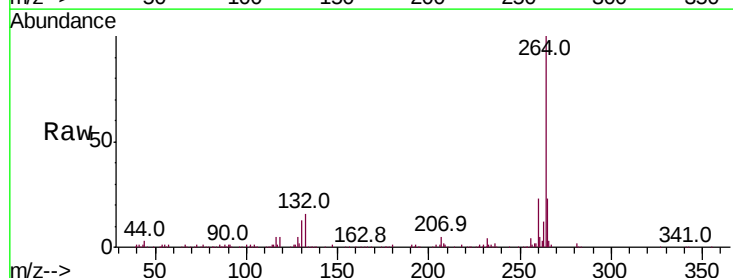
Tgt Ion:264 Resp: 303965

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.7	17.9	26.9

264 100

260 22.7 18.2 27.4

265 22.7 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

