

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037867.D
 Acq On : 7 Nov 2018 16:05
 Operator : JU/SJ
 Sample : J5820-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS103081

Quant Time: Nov 07 16:57:11 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

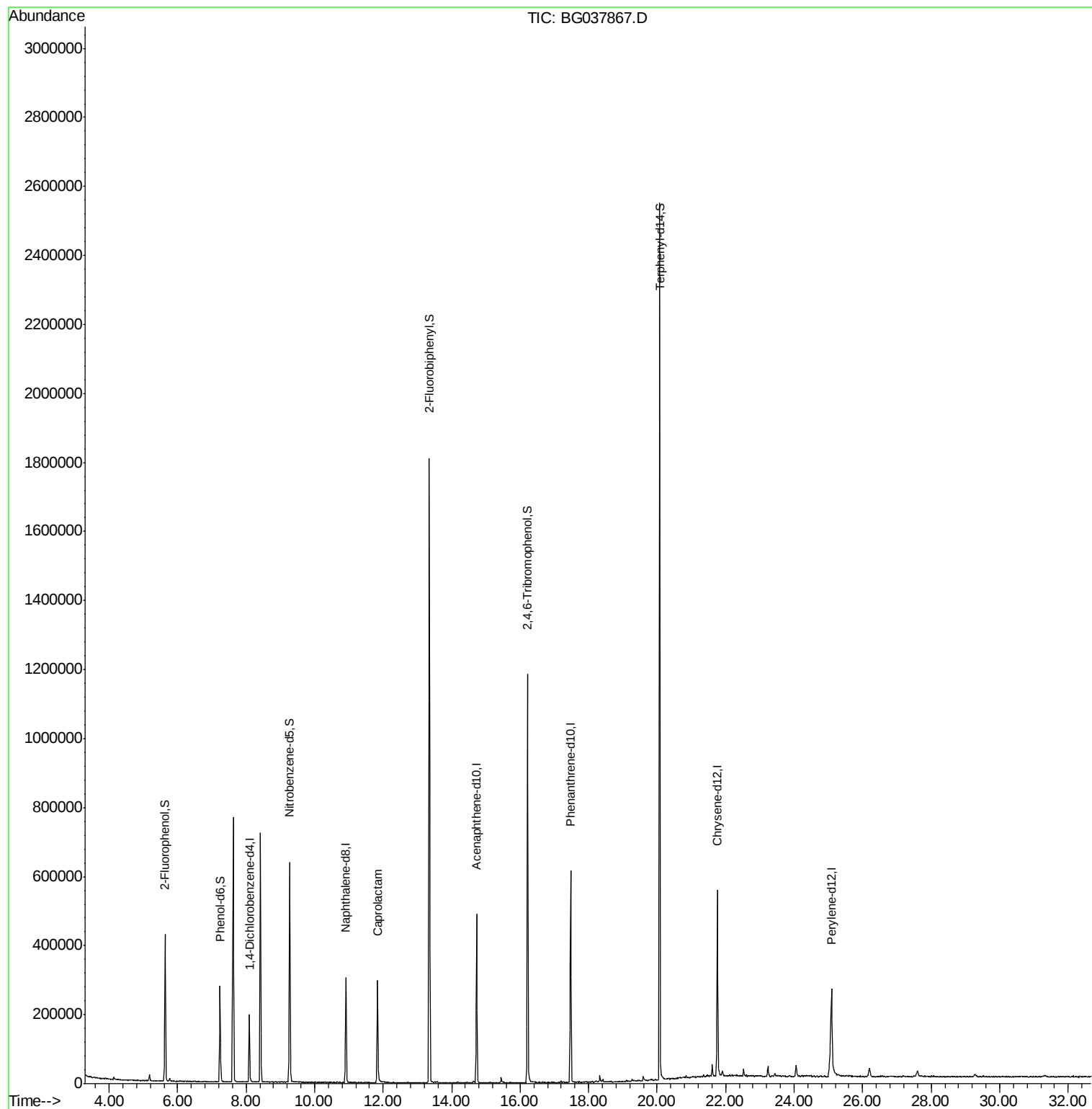
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	61080	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	275542	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	183833	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	391244	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	347421	20.00	ng	-0.02
87) Perylene-d12	25.09	264	323356	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	201954	55.28	ng	-0.01
7) Phenol-d6	7.23	99	182352	33.01	ng	-0.02
23) Nitrobenzene-d5	9.27	82	415930	84.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	229291	114.36	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	993058	81.46	ng	-0.02
79) Terphenyl-d14	20.07	244	1318023	81.06	ng	-0.02
Target Compounds						
35) Caprolactam	11.84	113	64042	34.894	ng	Qvalue 95

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

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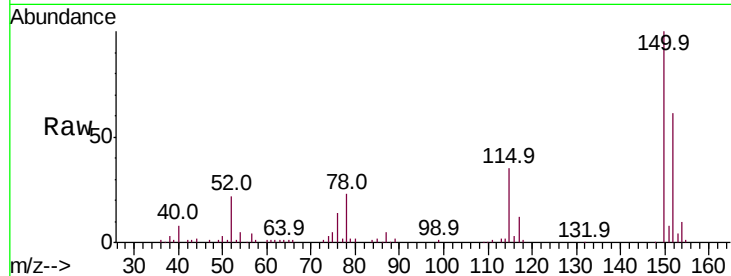


#1

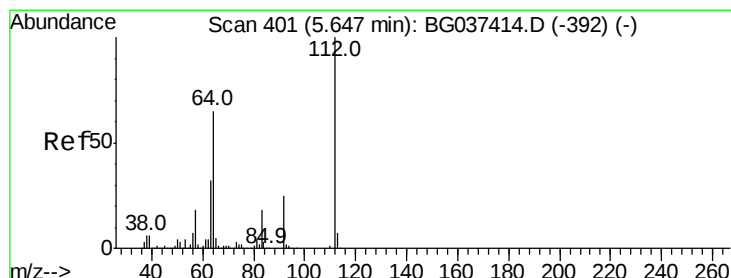
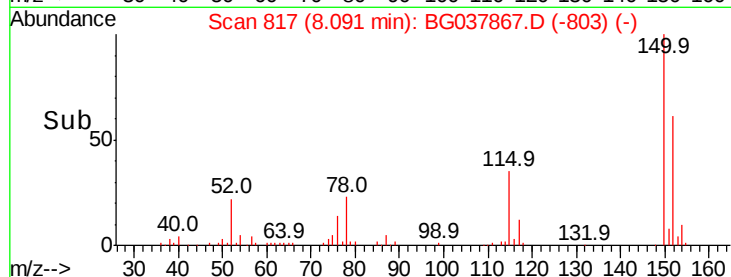
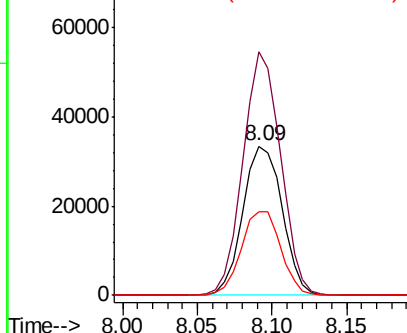
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.0	189.0
115	56.5	45.5	68.3



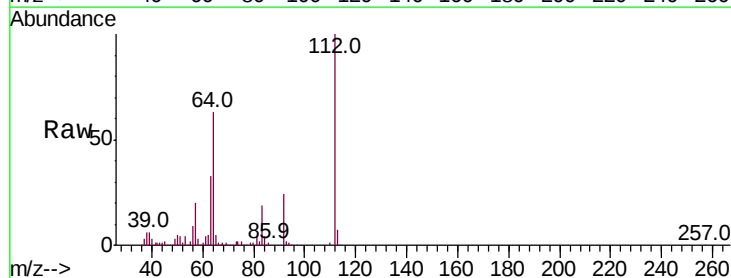
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



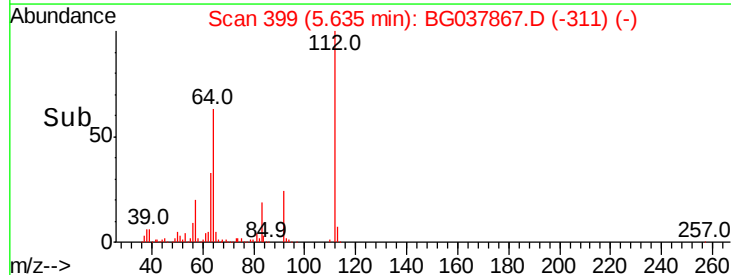
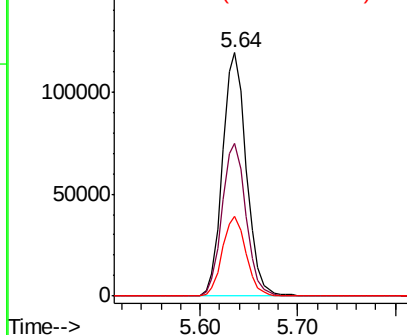
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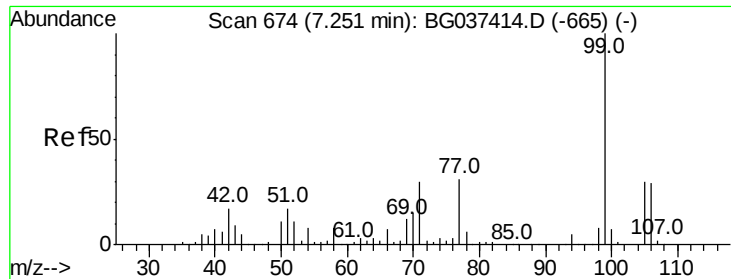
2-Fluorophenol
Concen: 55.278 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	53.1	79.7
63	32.8	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: 33.008 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037867.D

Acq: 7 Nov 2018 16:05

Instrument :

BNA_G

ClientSampleId :

CPS103081

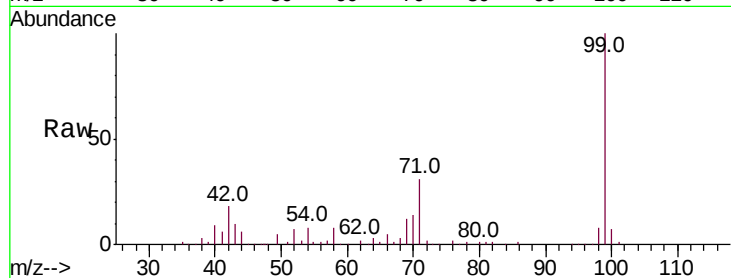
Tot Ion: 99 Resp: 182352

Ion Ratio Lower Upper

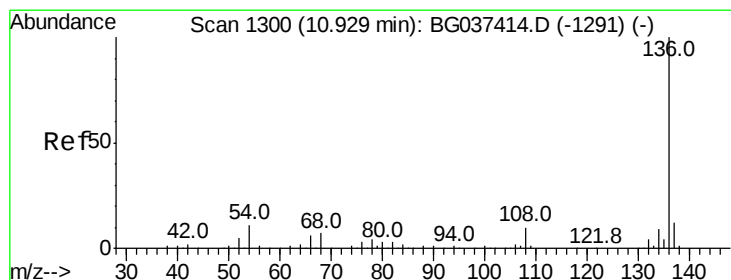
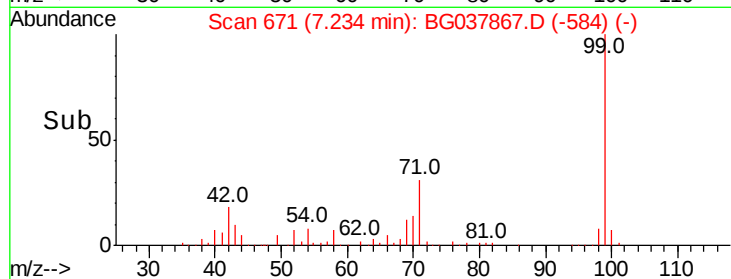
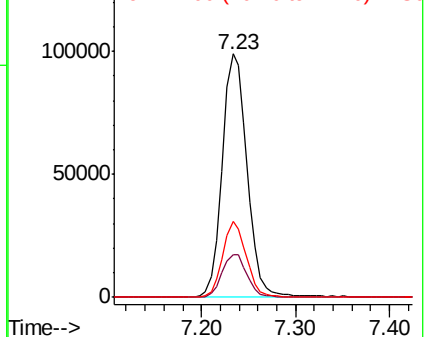
99 100

42 17.8 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: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037867.D

Acq: 7 Nov 2018 16:05

Tgt Ion: 136 Resp: 275542

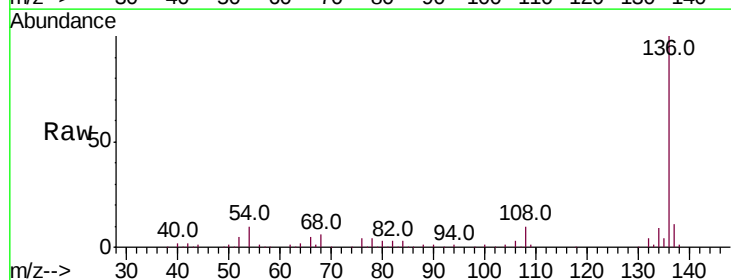
Ion Ratio Lower Upper

136 100

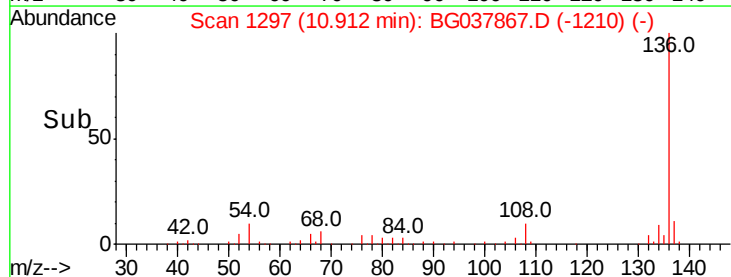
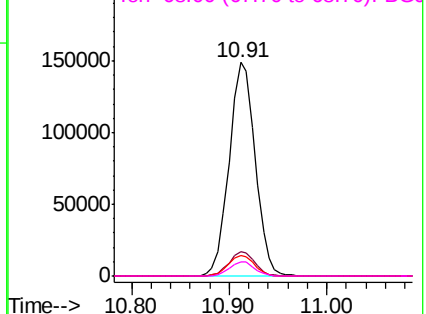
137 11.3 9.6 14.4

54 9.6 7.9 11.9

68 6.4 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

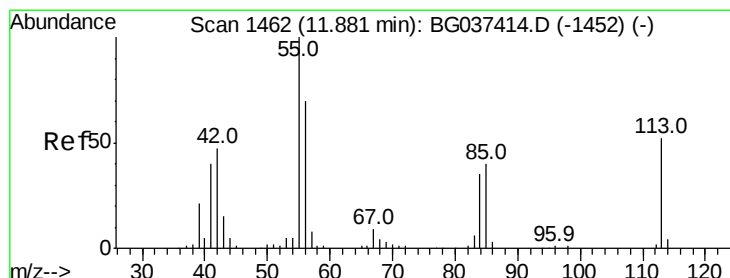
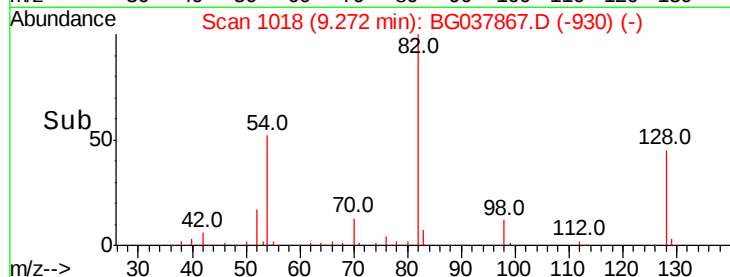
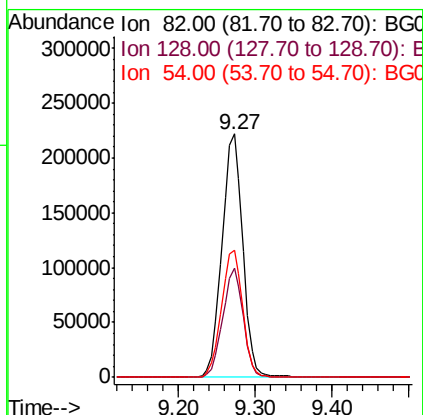
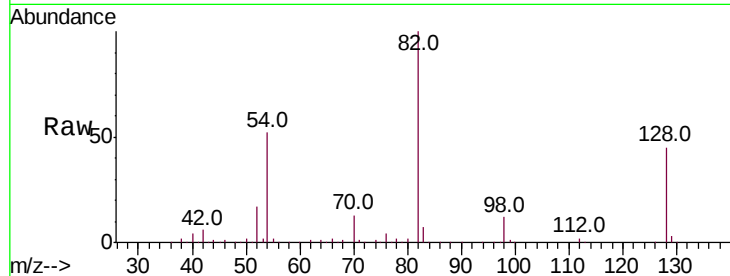




#23
Nitrobenzene-d5
Concen: 84.560 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

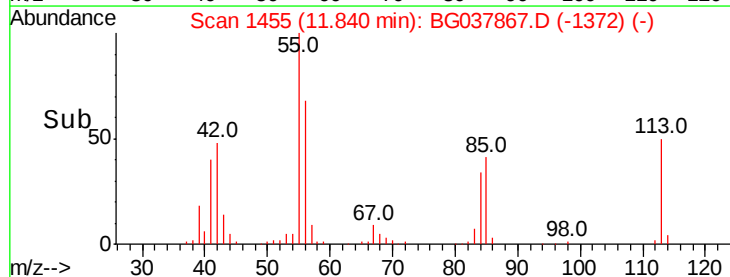
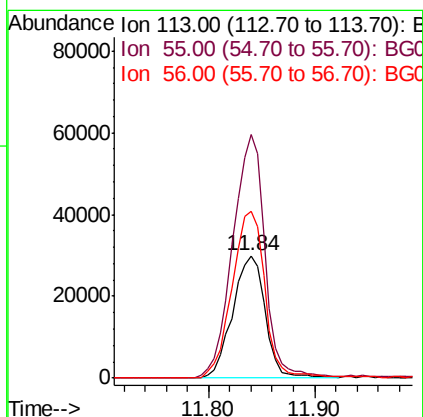
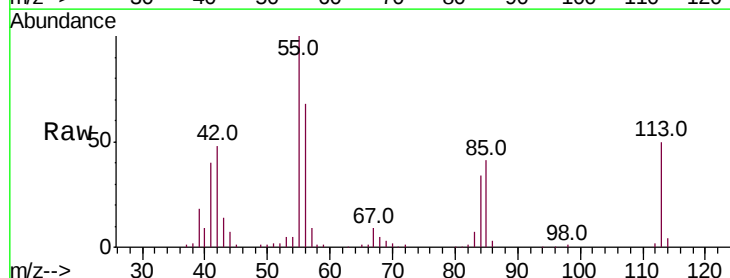
Instrument :
BNA_G
ClientSampleId :
CPS103081

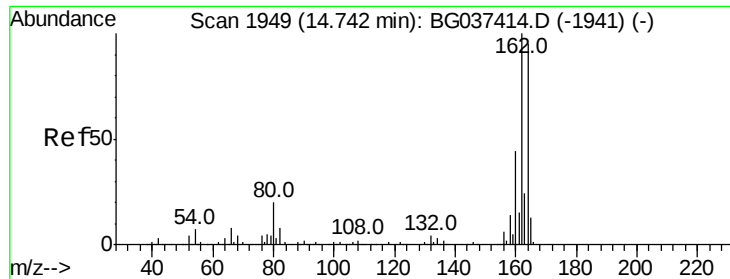
Tot Ion: 82 Resp: 415930
Ion Ratio Lower Upper
82 100
128 44.7 34.6 51.8
54 52.1 45.3 67.9



#35
Caprolactam
Concen: 34.894 ng
RT: 11.84 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion: 113 Resp: 64042
Ion Ratio Lower Upper
113 100
55 199.4 176.6 216.6
56 136.2 128.3 168.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037867.D

Acq: 7 Nov 2018 16:05

Instrument :

BNA_G

ClientSampleId :

CPS103081

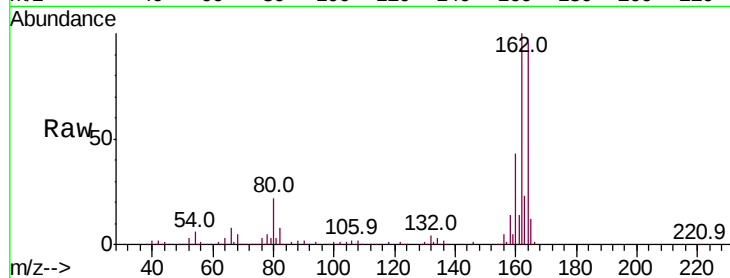
Tot Ion:164 Resp: 183833

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

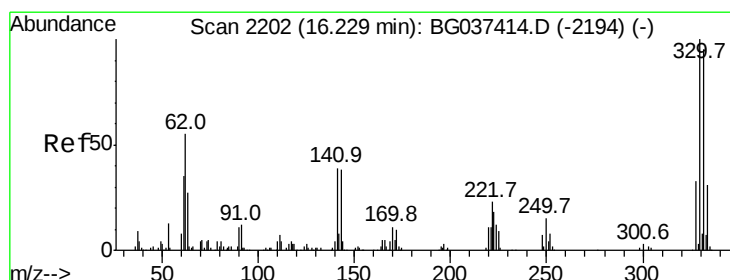
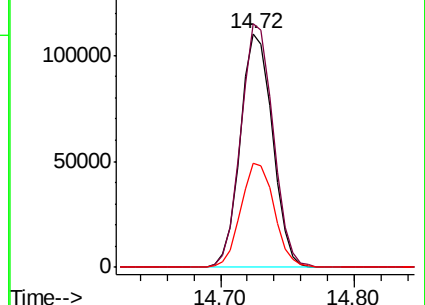
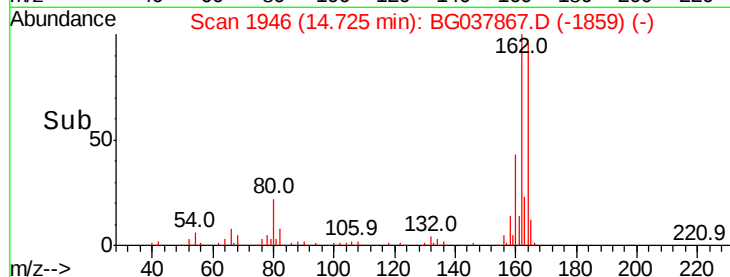
160 44.3 36.3 54.5



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: 114.357 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037867.D

Acq: 7 Nov 2018 16:05

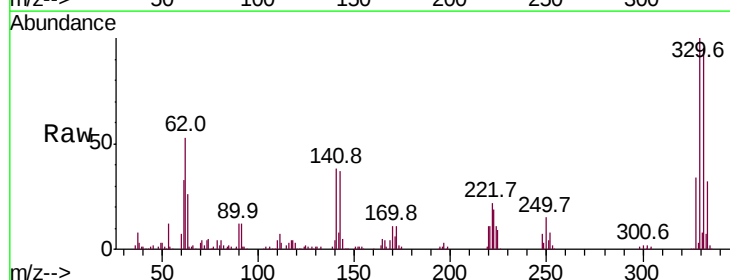
Tgt Ion:330 Resp: 229291

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

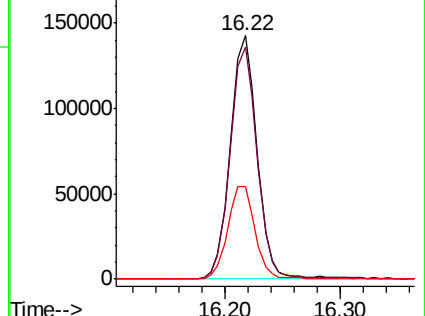
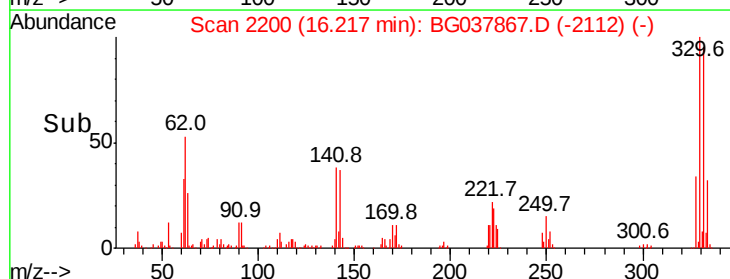
141 39.0 32.2 48.2



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

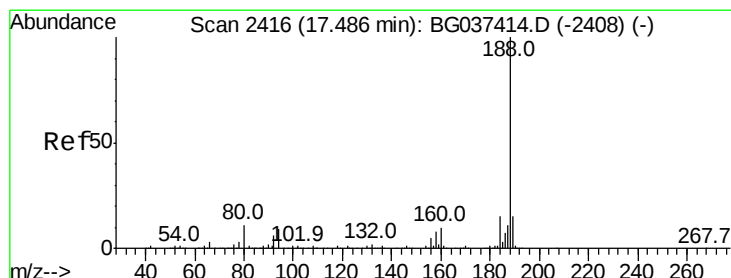
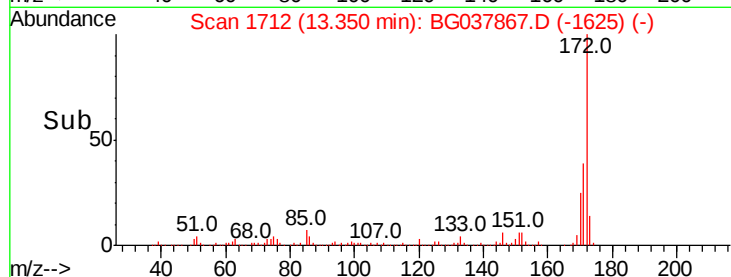
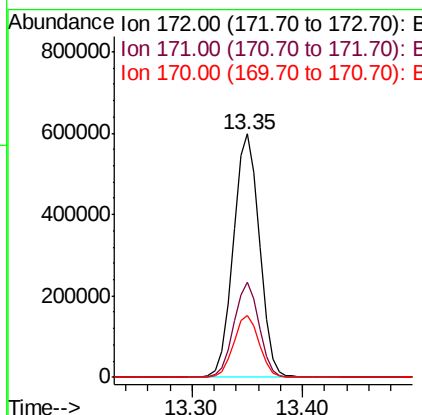
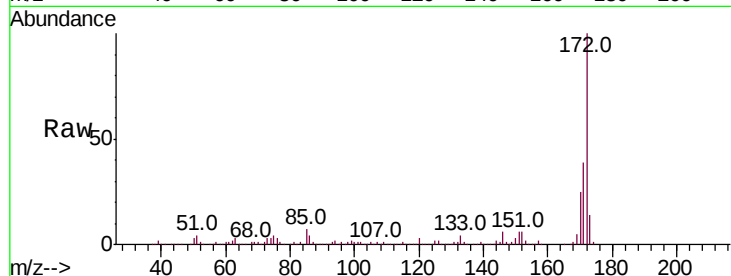




#45
 2-Fluorobiphenyl
 Concen: 81.458 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037867.D
 Acq: 7 Nov 2018 16:05

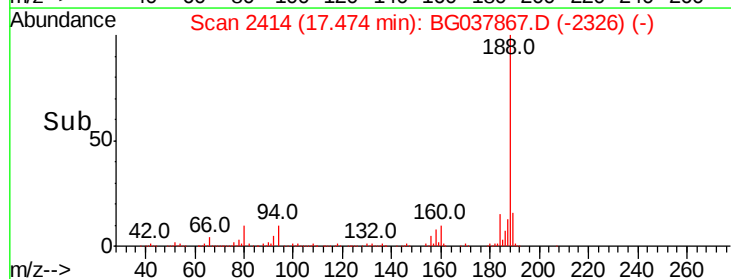
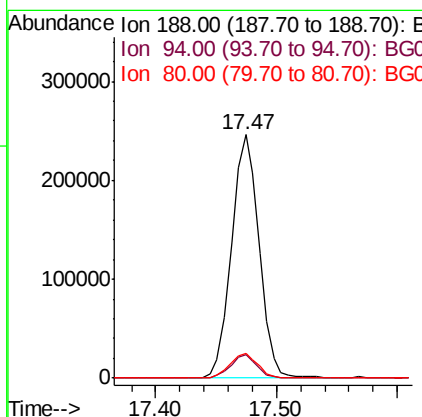
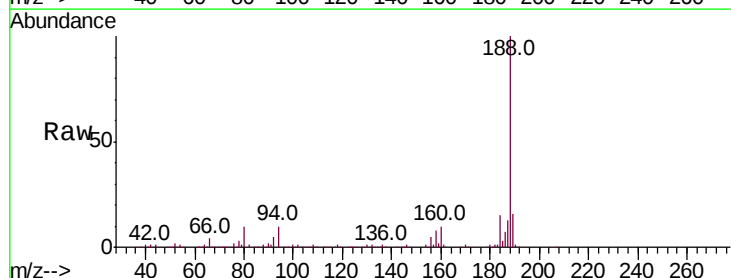
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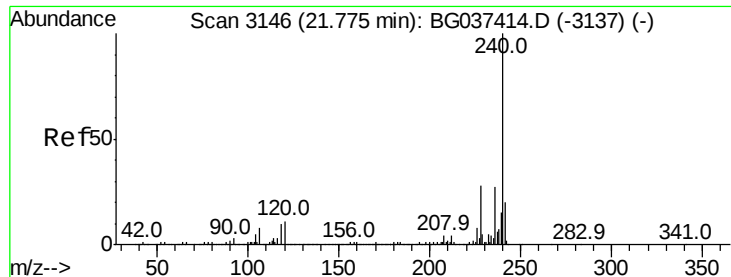
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	25.4	20.2	30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037867.D
 Acq: 7 Nov 2018 16:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.3	7.7	11.5

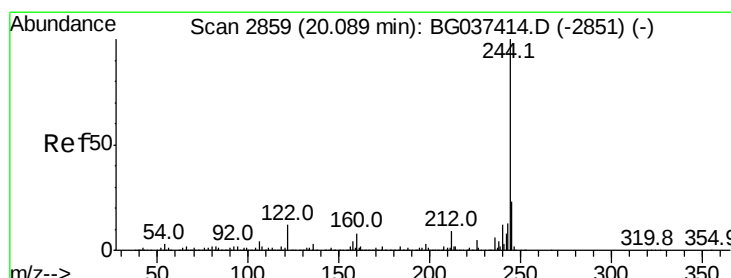
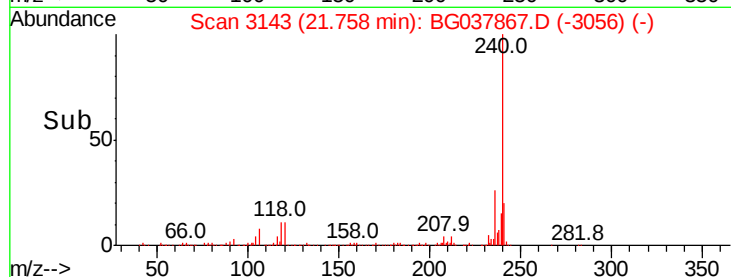
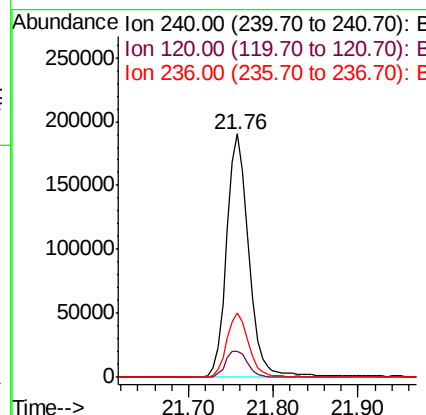
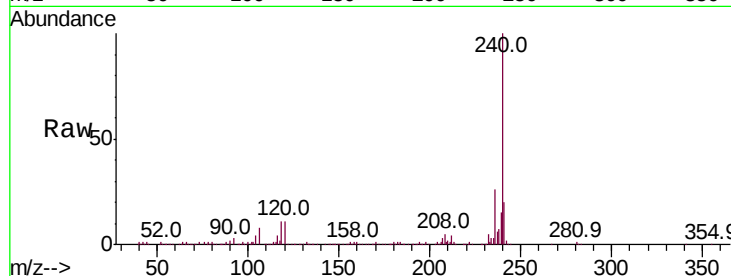




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037867.D
 Acq: 7 Nov 2018 16:05

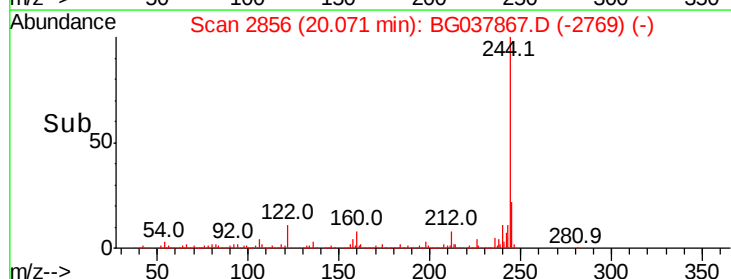
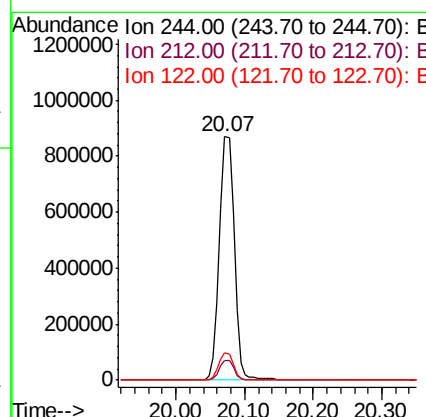
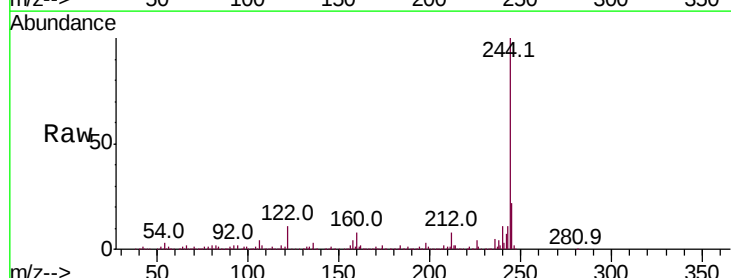
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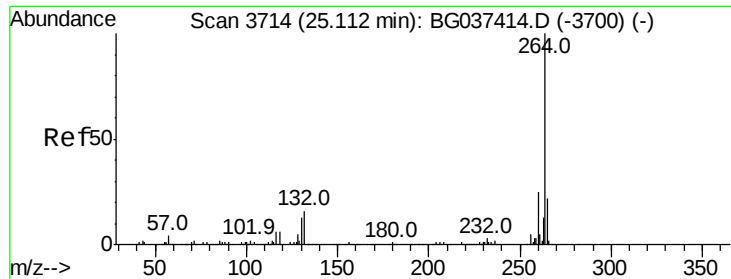
Tot Ion:240 Resp: 347421
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 26.5 21.4 32.0



#79
 Terphenyl-d14
 Concen: 81.063 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BG037867.D
 Acq: 7 Nov 2018 16:05

Tgt Ion:244 Resp: 1318023
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.3 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG037867.D
 Acq: 7 Nov 2018 16:05

Instrument :
 BNA_G
 ClientSampleId :
 CPS103081

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.4	17.9	26.9

