

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038225.D
 Acq On : 29 Nov 2018 8:32
 Operator : JU/SJ
 Sample : J6069-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-CHDE-E-D-S

Quant Time: Nov 29 10:45:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

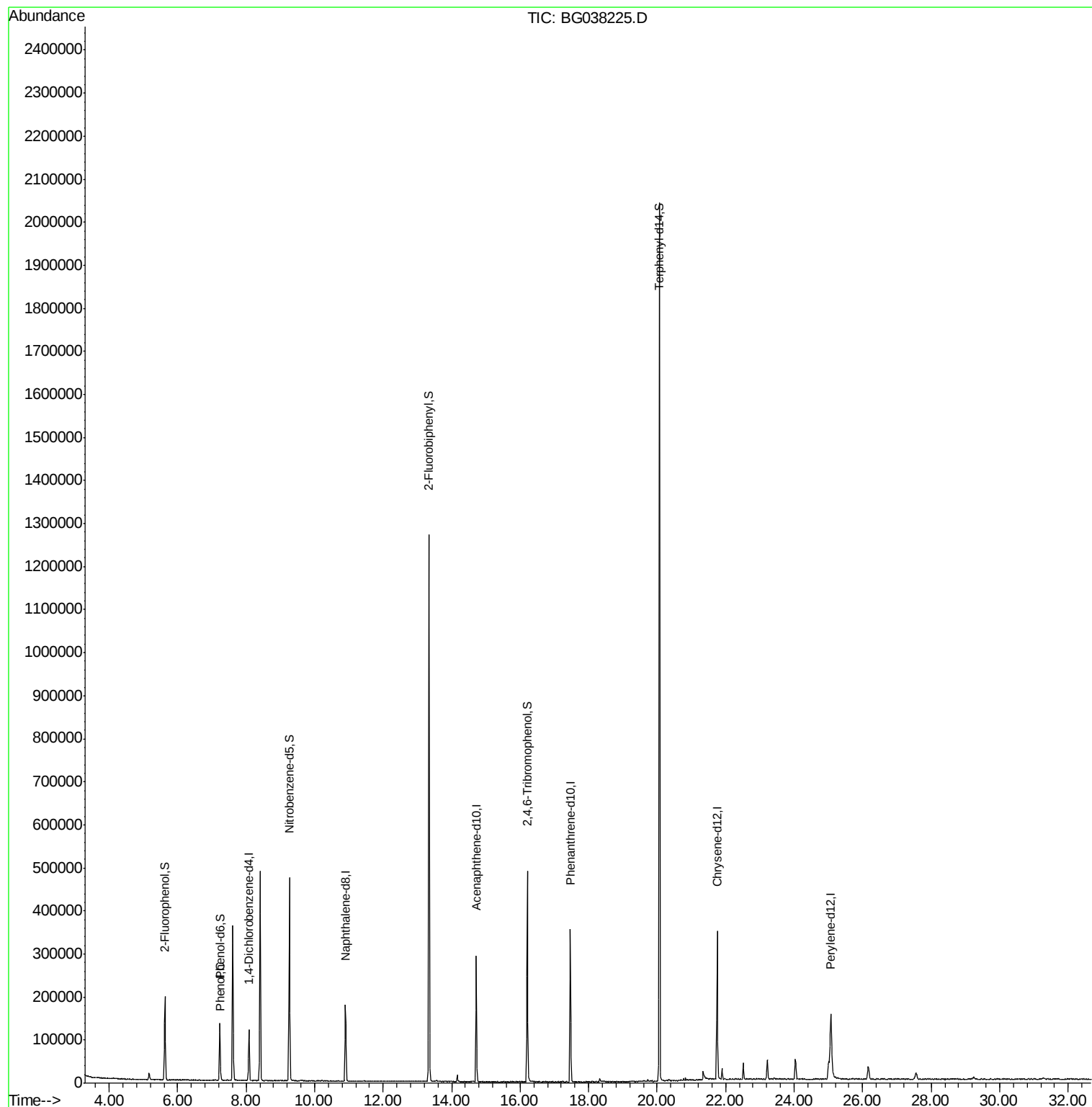
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34543	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	160862	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	101966	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	229795	20.00	ng	0.00
76) Chrysene-d12	21.75	240	222757	20.00	ng	0.00
87) Perylene-d12	25.08	264	212188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	89788	44.88	ng	0.00
7) Phenol-d6	7.23	99	78692	27.55	ng	0.00
23) Nitrobenzene-d5	9.26	82	290872	96.79	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	93411	80.33	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	671508	95.94	ng	0.00
79) Terphenyl-d14	20.07	244	980648	103.59	ng	0.00
Target Compounds						
10) Phenol	7.25	94	6377	2.108	ng	Qvalue 78

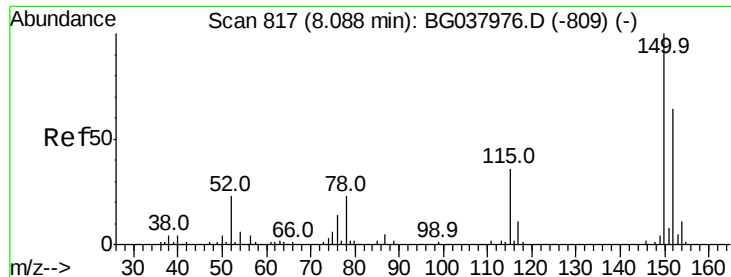
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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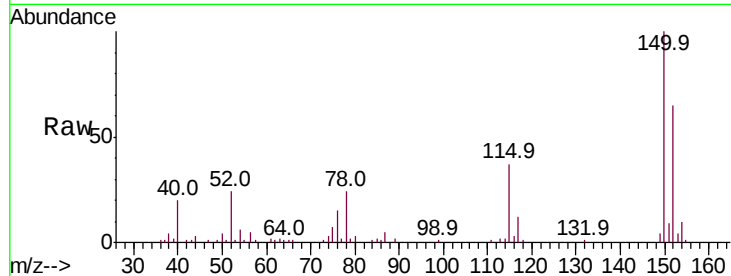


#1

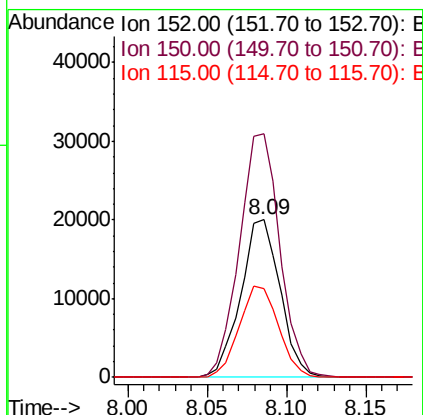
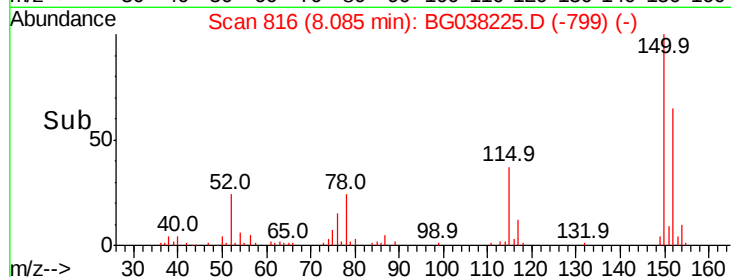
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :
112318-CHDE-E-D-S

Tot Ion:152 Resp: 34543
Ion Ratio Lower Upper
152 100
150 154.7 126.0 189.0
115 56.7 45.5 68.3



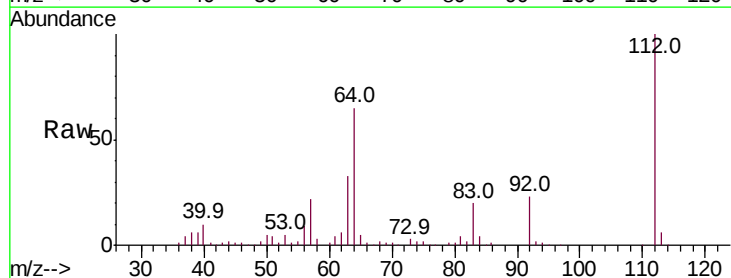
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



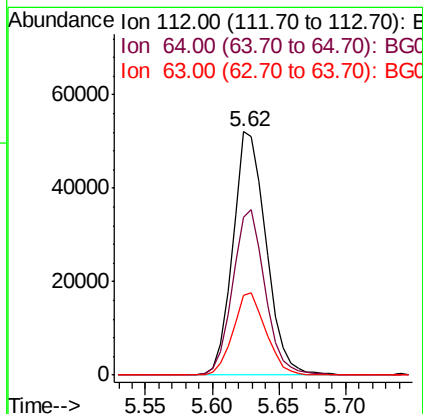
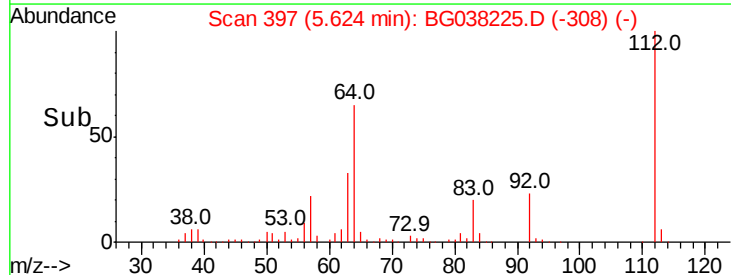
#5

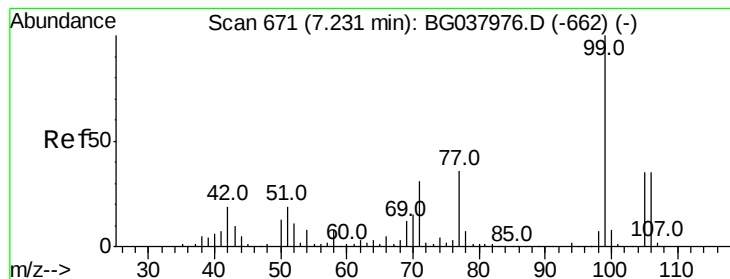
2-Fluorophenol
Concen: 44.879 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion:112 Resp: 89788
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 32.6 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: 27.555 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038225.D

Acq: 29 Nov 2018 8:32

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-D-S

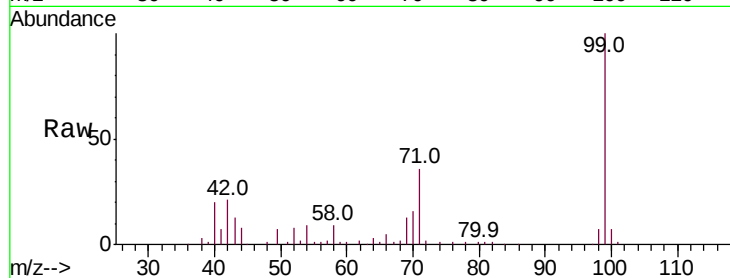
Tot Ion: 99 Resp: 78692

Ion Ratio Lower Upper

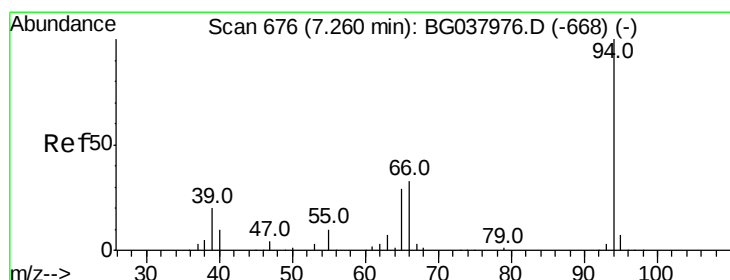
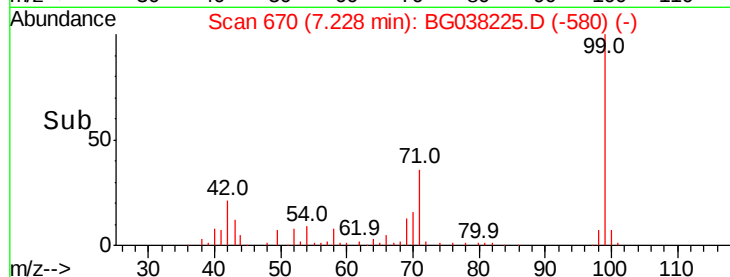
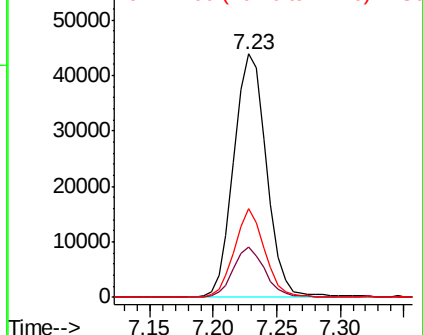
99 100

42 20.6 15.0 22.4

71 36.3 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: 2.108 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038225.D

Acq: 29 Nov 2018 8:32

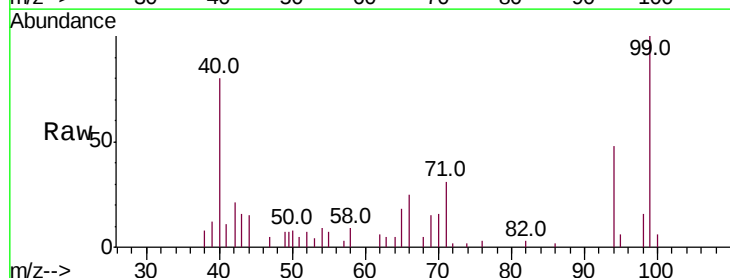
Tgt Ion: 94 Resp: 6377

Ion Ratio Lower Upper

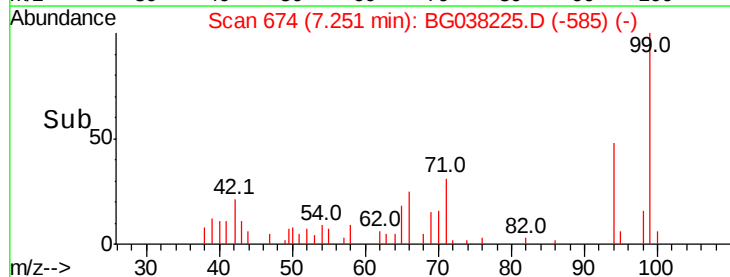
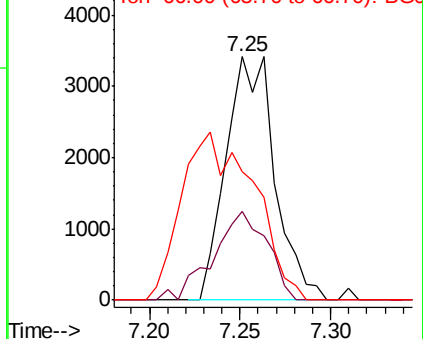
94 100

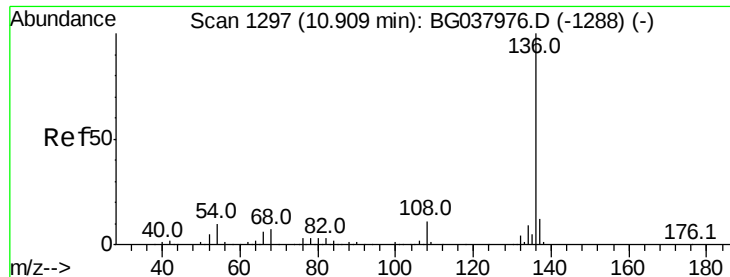
65 36.6 9.7 49.7

66 52.7 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: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038225.D

Acq: 29 Nov 2018 8:32

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-D-S

Tot Ion:136 Resp: 160862

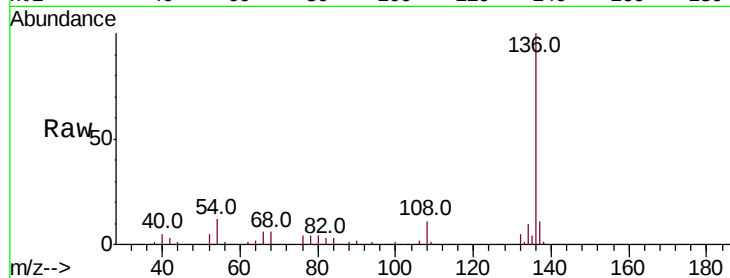
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 12.2 7.9 11.9#

68 5.8 4.8 7.2

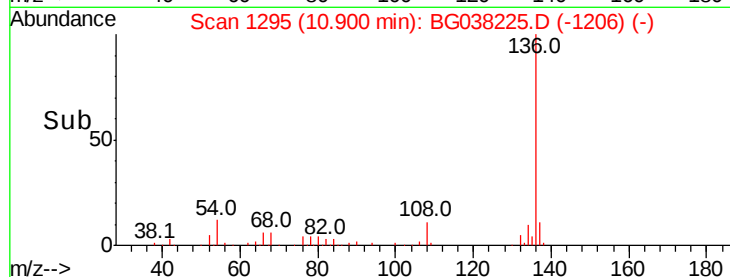


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

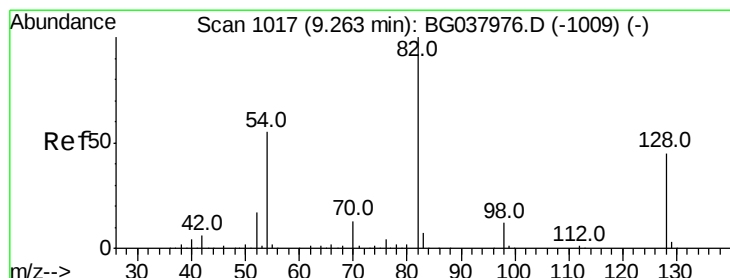
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.90



#23

Nitrobenzene-d5

Concen: 96.794 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038225.D

Acq: 29 Nov 2018 8:32

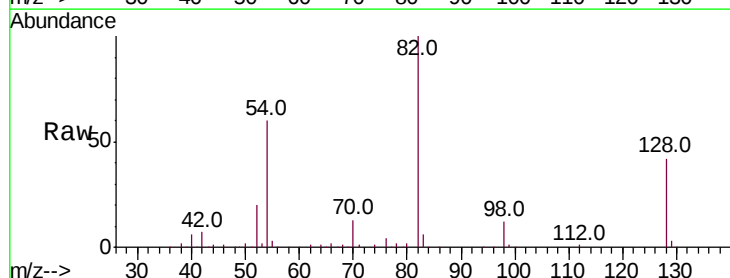
Tgt Ion: 82 Resp: 290872

Ion Ratio Lower Upper

82 100

128 42.3 34.6 51.8

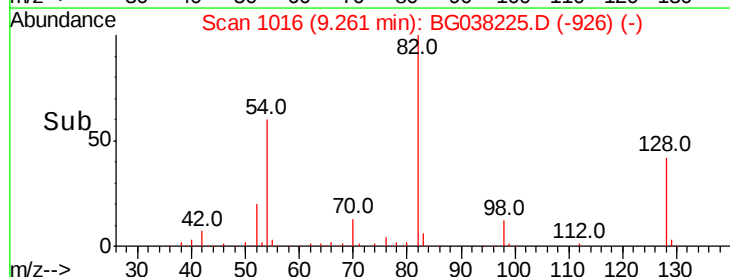
54 59.8 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

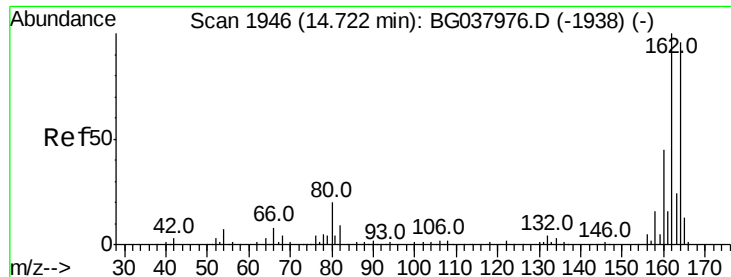
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->

9.26



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038225.D

Acq: 29 Nov 2018 8:32

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-D-S

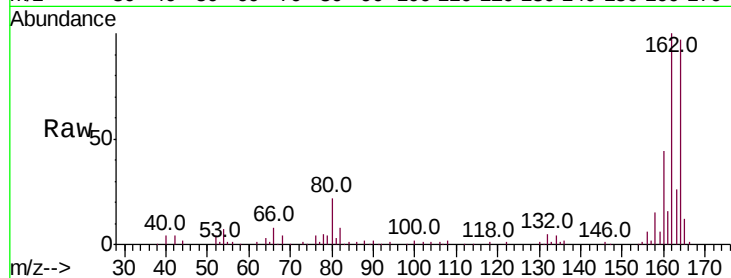
Tot Ion:164 Resp: 101966

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

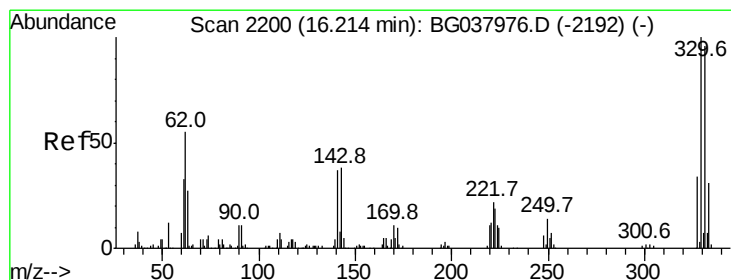
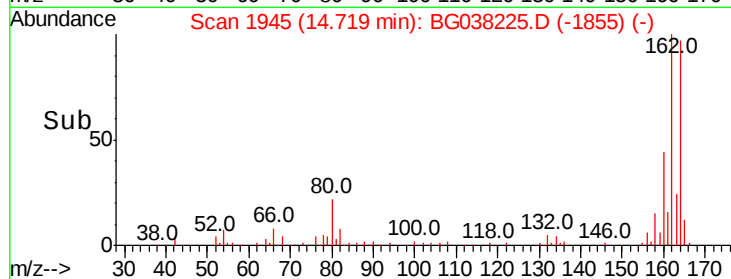
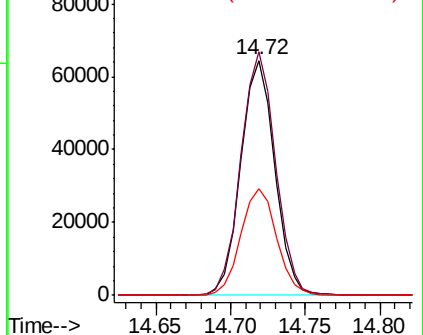
160 45.2 36.3 54.5



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: 80.326 ng

RT: 16.21 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038225.D

Acq: 29 Nov 2018 8:32

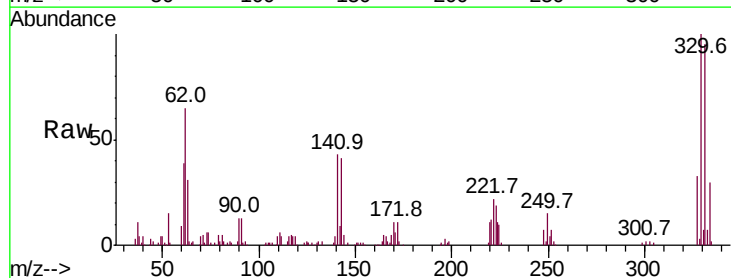
Tgt Ion:330 Resp: 93411

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

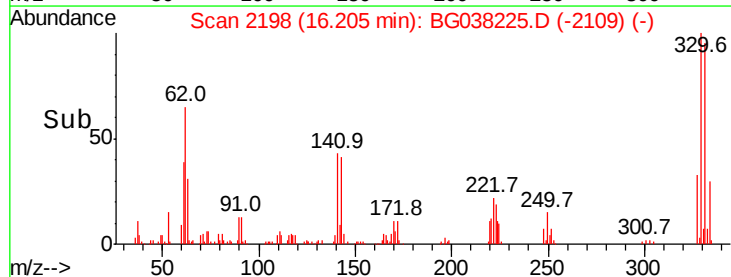
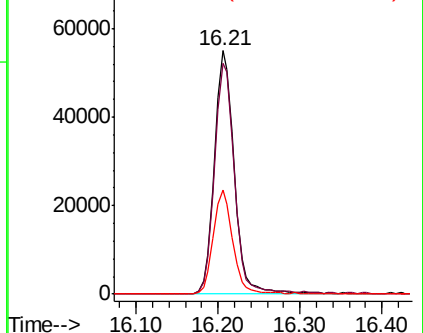
141 42.0 32.2 48.2



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

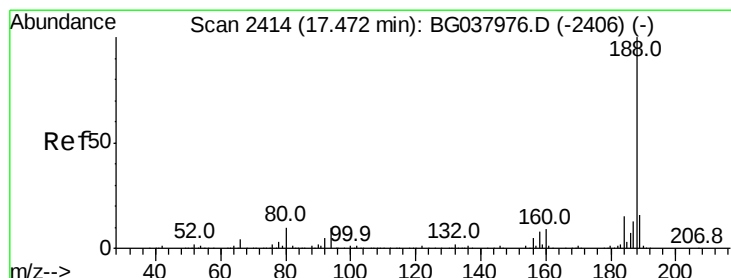
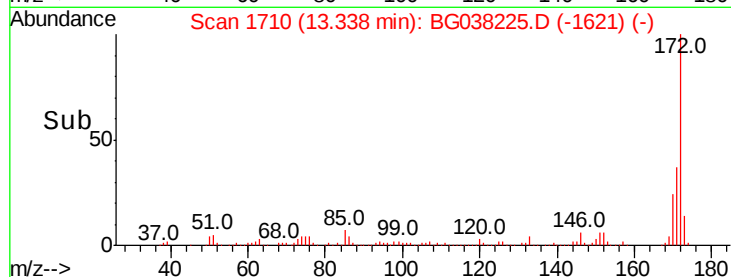
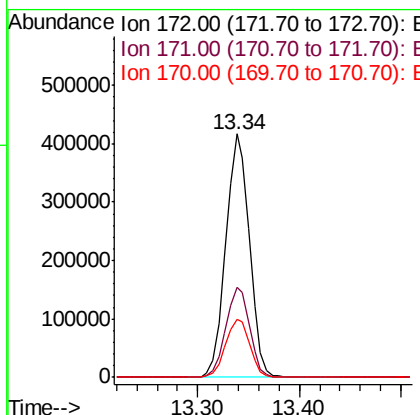
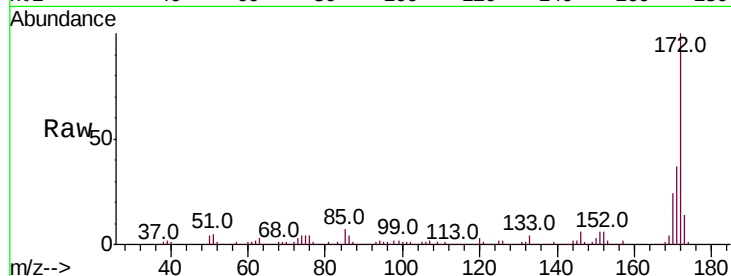




#45
 2-Fluorobiphenyl
 Concen: 95.942 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038225.D
 Acq: 29 Nov 2018 8:32

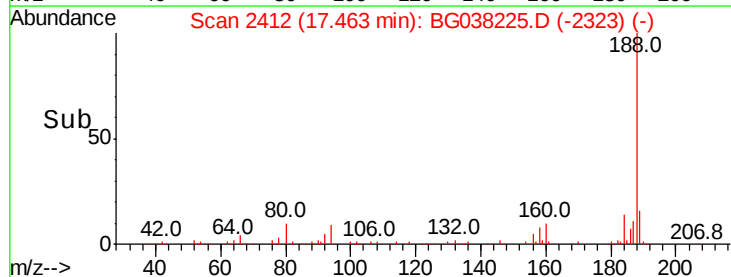
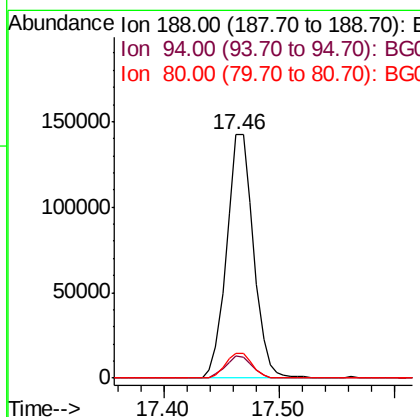
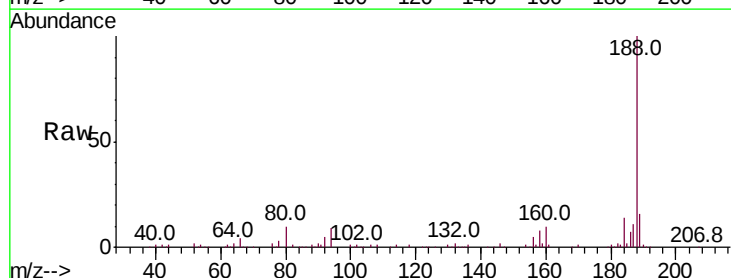
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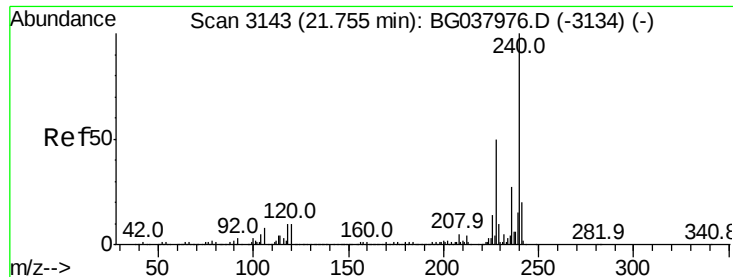
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	23.9	20.2	30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038225.D
 Acq: 29 Nov 2018 8:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.3	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038225.D

Acq: 29 Nov 2018 8:32

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-D-S

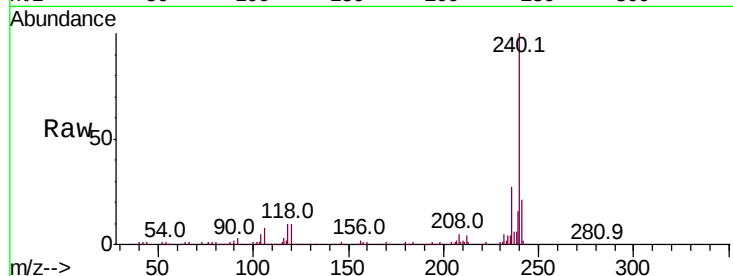
Tot Ion:240 Resp: 222757

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

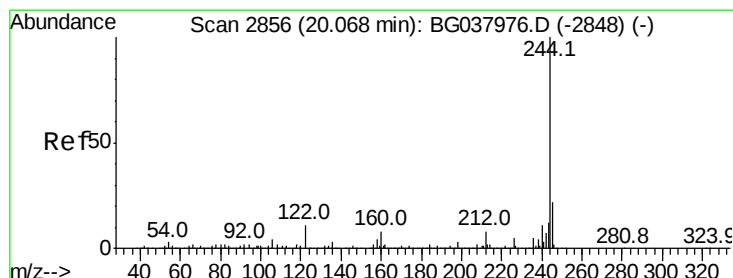
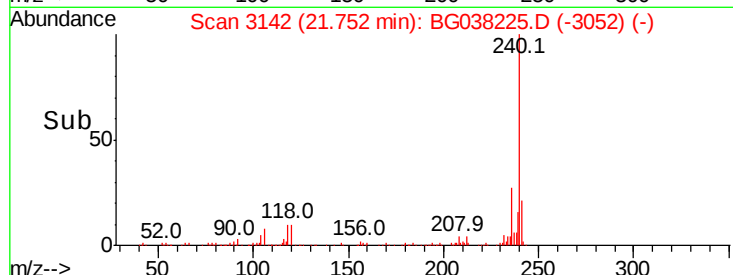
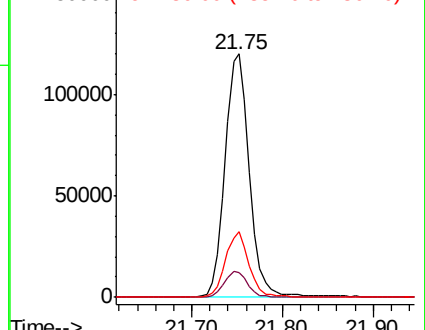
236 26.7 21.4 32.0



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: 103.587 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038225.D

Acq: 29 Nov 2018 8:32

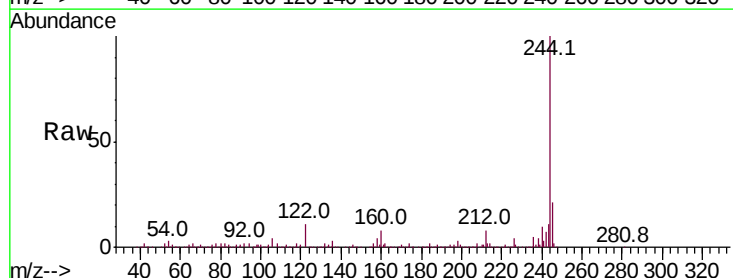
Tgt Ion:244 Resp: 980648

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

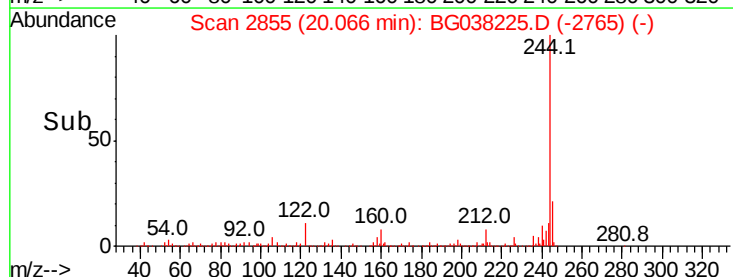
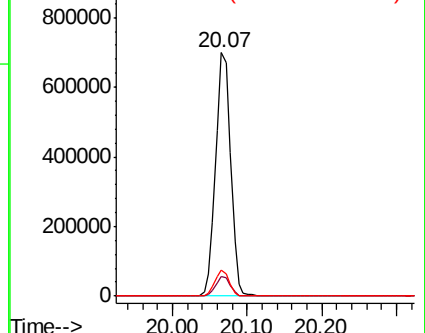
122 10.6 9.0 13.4

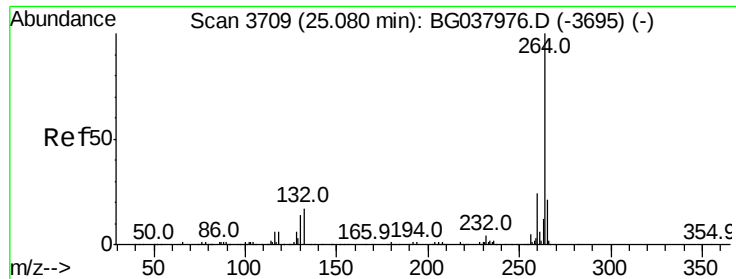


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3708
 Delta R.T. -0.00 min
 Lab File: BG038225.D
 Acq: 29 Nov 2018 8:32

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.6	17.9	26.9

