

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038227.D
 Acq On : 29 Nov 2018 9:50
 Operator : JU/SJ
 Sample : J6069-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-CHDE-E-U-M

Quant Time: Nov 29 12:24:11 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

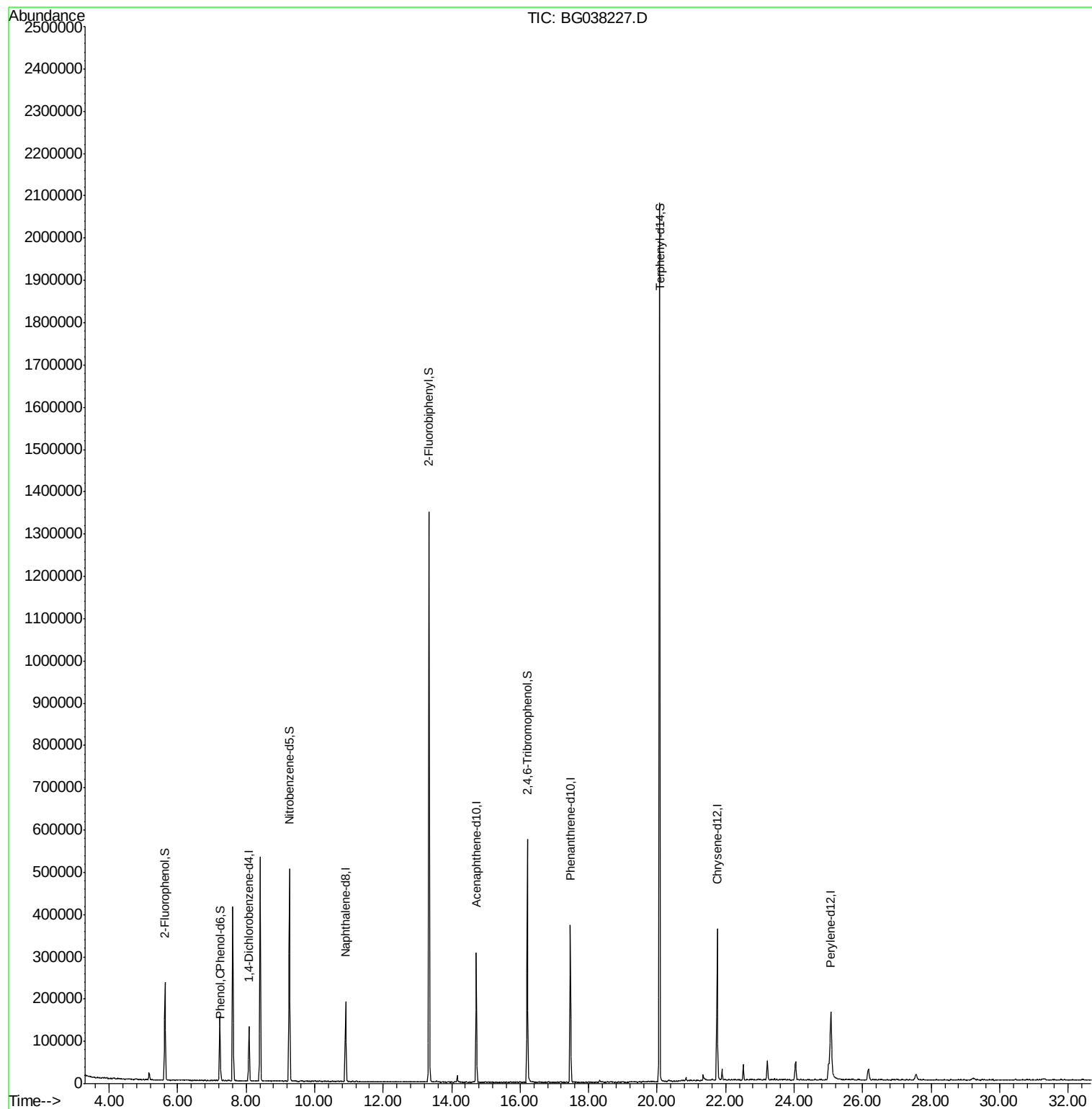
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36051	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	171157	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108398	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	240175	20.00	ng	0.00
76) Chrysene-d12	21.75	240	231033	20.00	ng	0.00
87) Perylene-d12	25.07	264	223522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	103692	49.66	ng	0.00
7) Phenol-d6	7.23	99	93589	31.40	ng	0.00
23) Nitrobenzene-d5	9.26	82	313983	98.20	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	103602	83.80	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	707059	95.03	ng	0.00
79) Terphenyl-d14	20.07	244	1018825	103.76	ng	0.00
Target Compounds						
10) Phenol	7.26	94	7315	2.317	ng	Qvalue 86

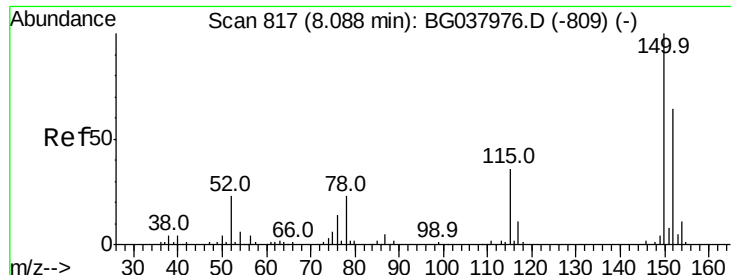
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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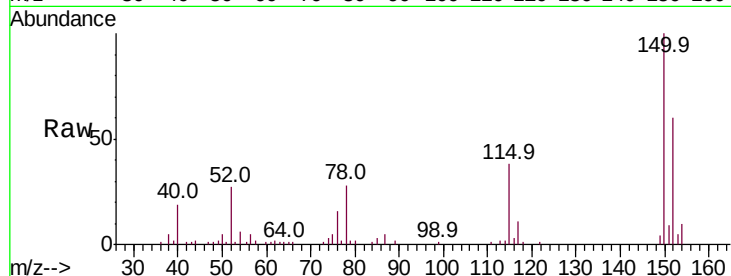


#1

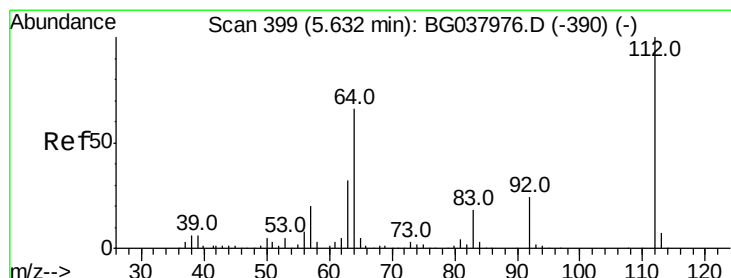
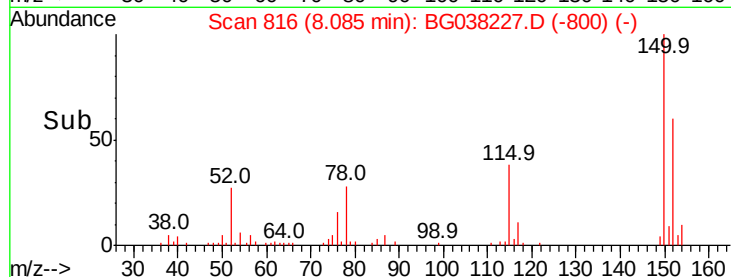
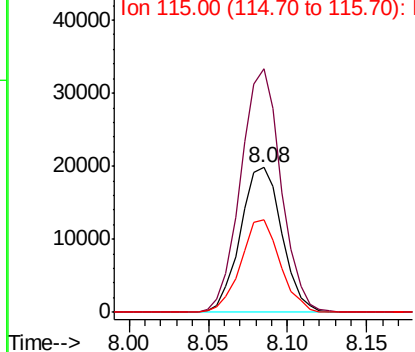
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :
 112318-CHDE-E-U-M

Tot Ion:152 Resp: 36051
 Ion Ratio Lower Upper
 152 100
 150 168.1 126.0 189.0
 115 64.0 45.5 68.3



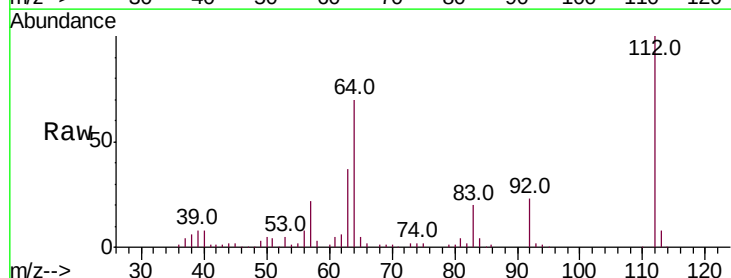
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



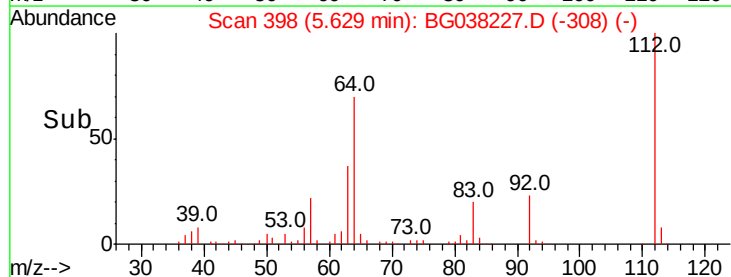
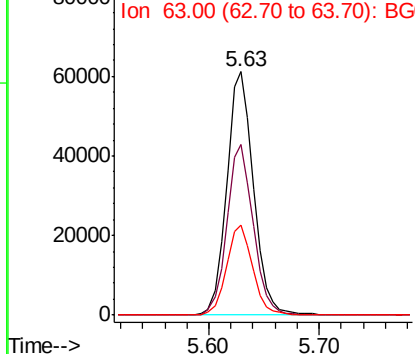
#5

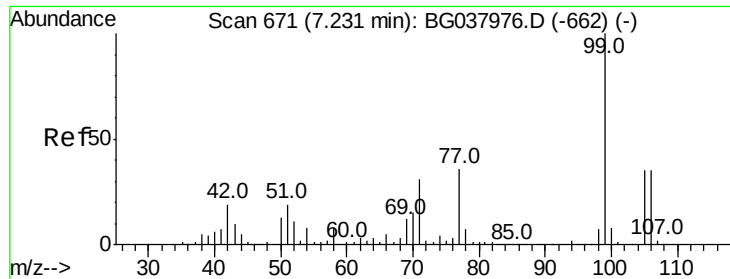
2-Fluorophenol
 Concen: 49.660 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

Tgt Ion:112 Resp: 103692
 Ion Ratio Lower Upper
 112 100
 64 70.3 53.1 79.7
 63 37.1 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: 31.400 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-U-M

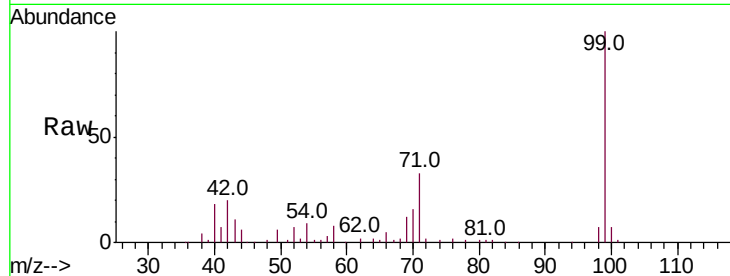
Tot Ion: 99 Resp: 93589

Ion Ratio Lower Upper

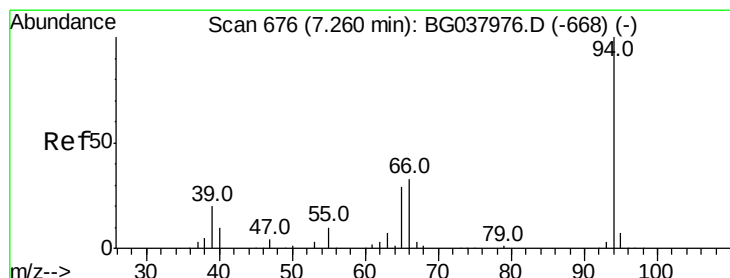
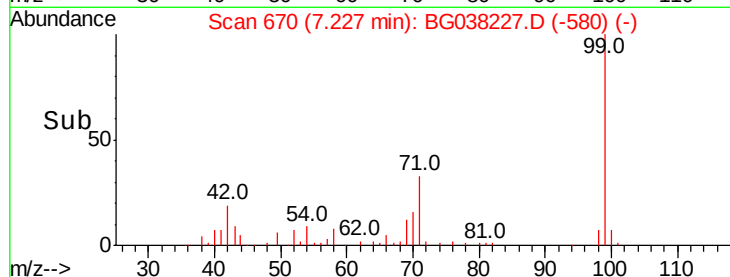
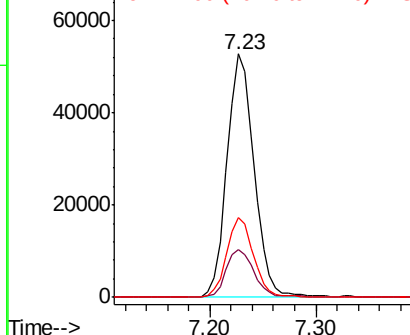
99 100

42 19.6 15.0 22.4

71 32.9 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: 2.317 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

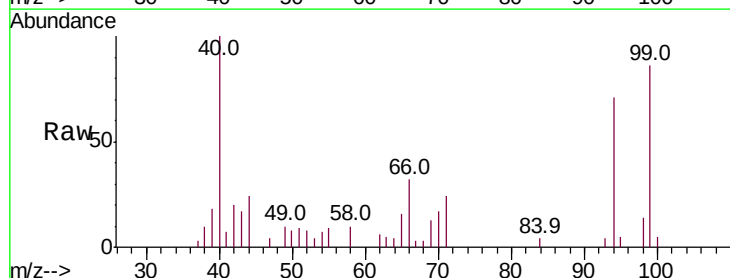
Tgt Ion: 94 Resp: 7315

Ion Ratio Lower Upper

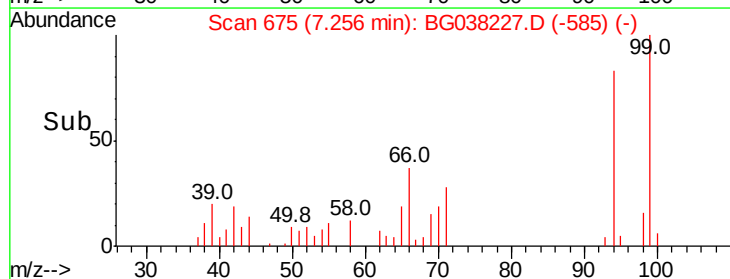
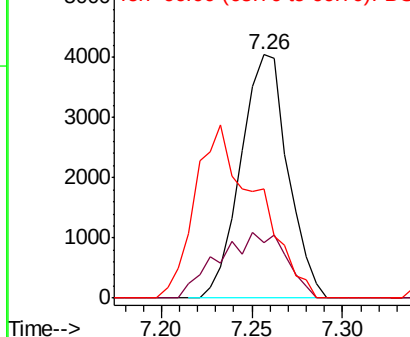
94 100

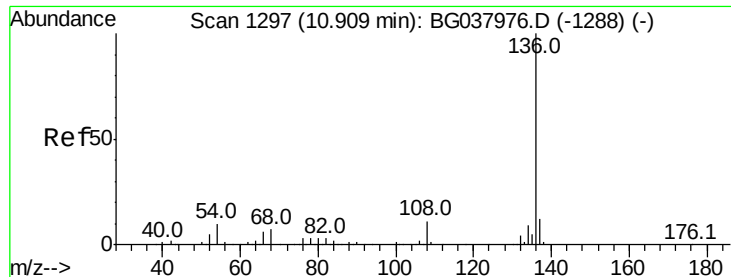
65 23.0 9.7 49.7

66 45.1 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

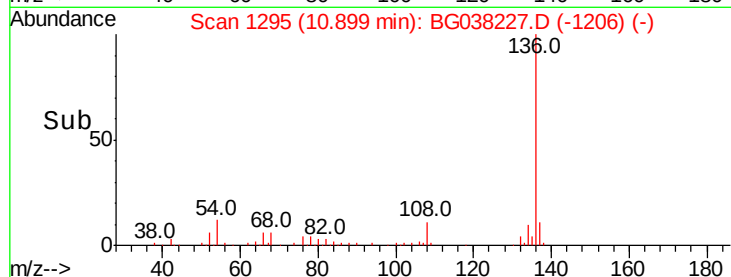
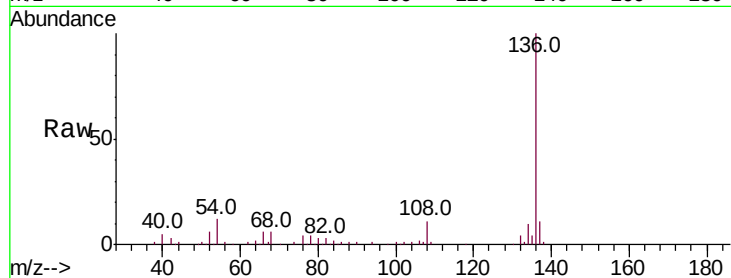




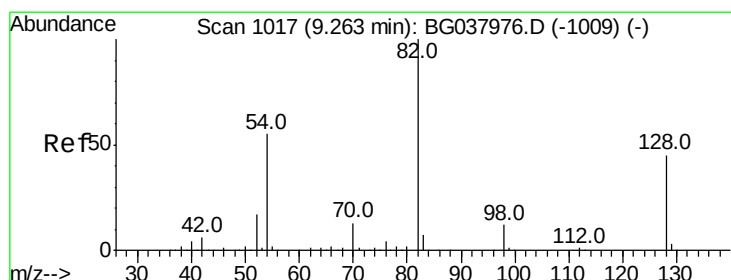
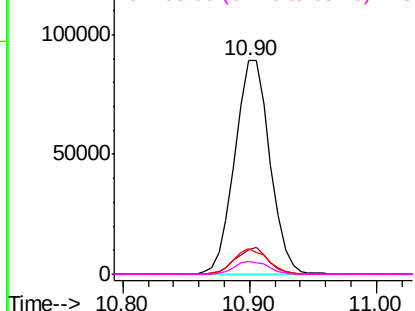
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038227.D
Acq: 29 Nov 2018 9:50

Instrument :
BNA_G
ClientSampleId :
112318-CHDE-E-U-M

Tot Ion:	136	Resp:	171157
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	12.1	7.9	11.9
68	6.1	4.8	7.2

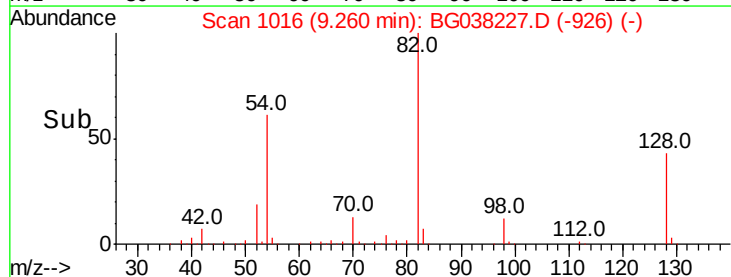
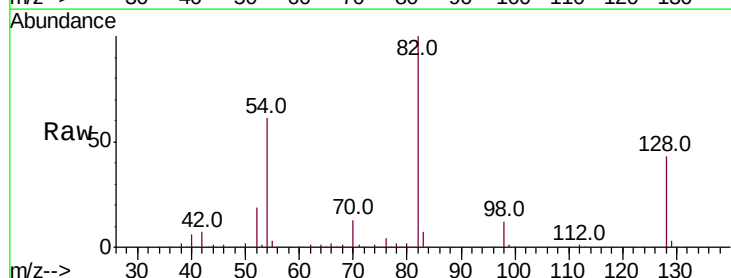


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

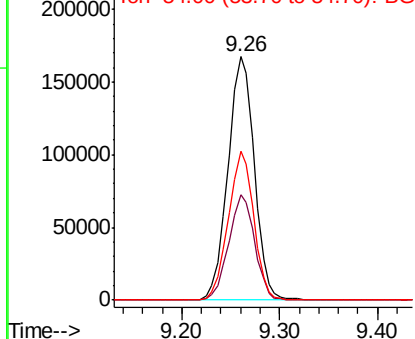


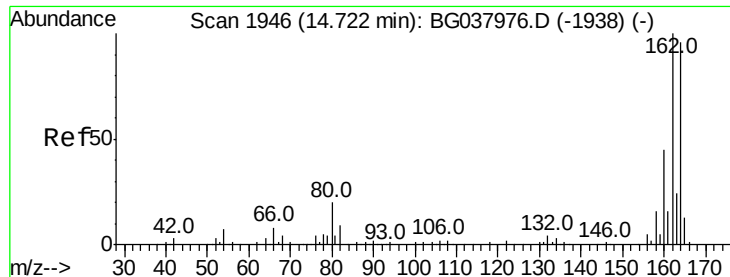
#23
Nitrobenzene-d5
Concen: 98.200 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038227.D
Acq: 29 Nov 2018 9:50

Tgt Ion:	82	Resp:	313983
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	61.3	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-U-M

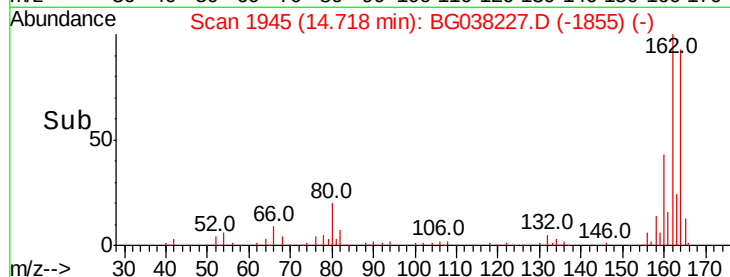
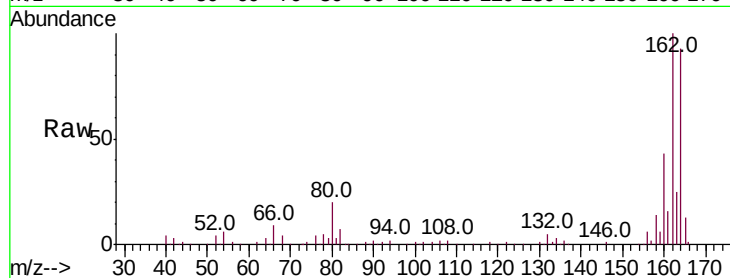
Tot Ion:164 Resp: 108398

Ion Ratio Lower Upper

164 100

162 108.0 81.3 121.9

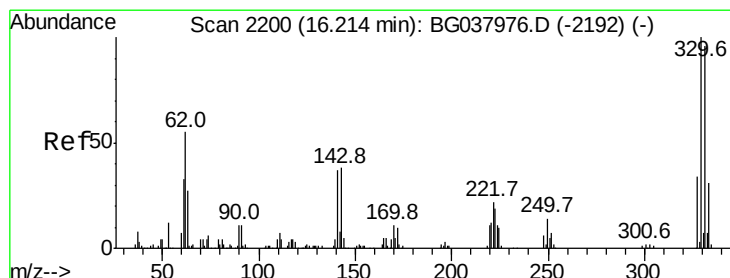
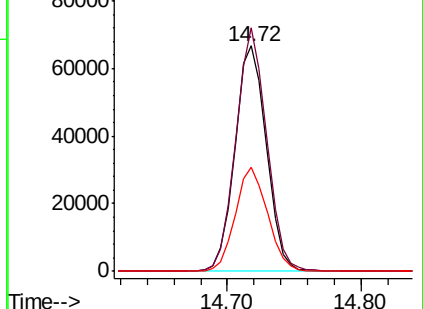
160 45.9 36.3 54.5



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: 83.803 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

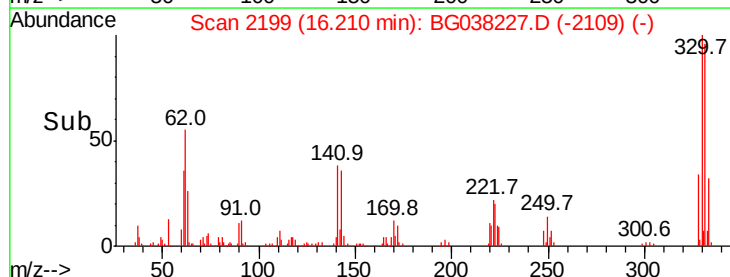
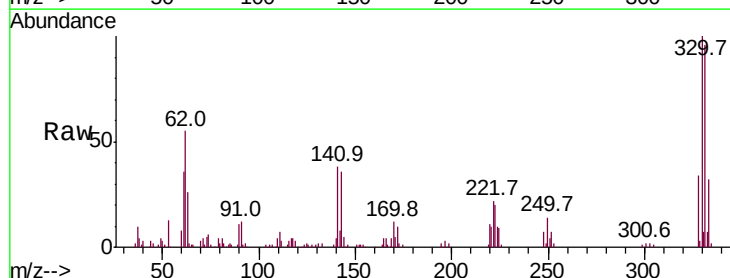
Tgt Ion:330 Resp: 103602

Ion Ratio Lower Upper

330 100

332 98.1 78.4 117.6

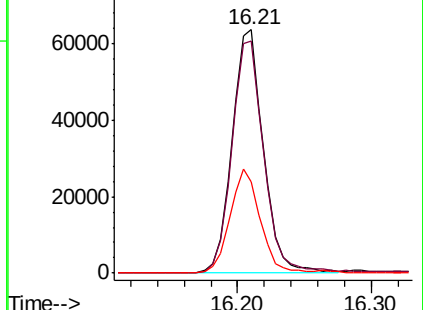
141 41.4 32.2 48.2

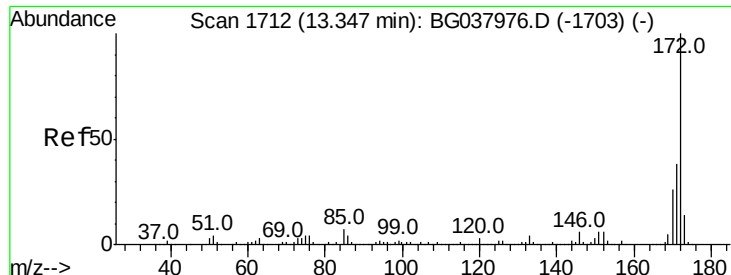


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

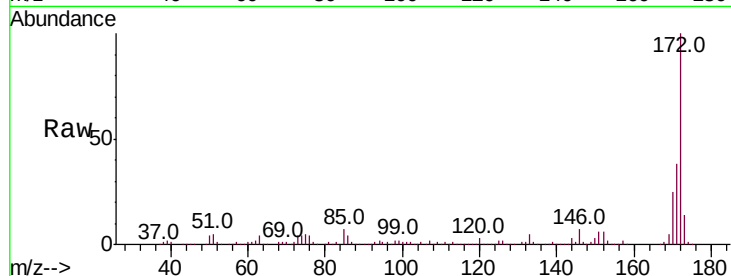




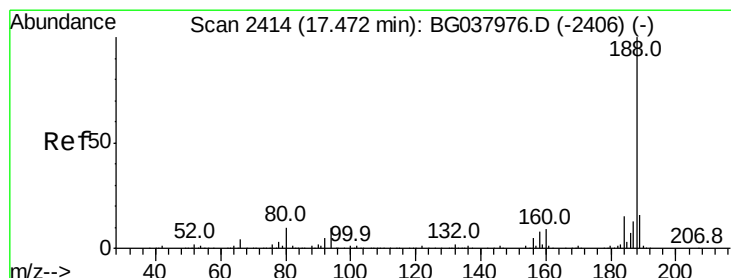
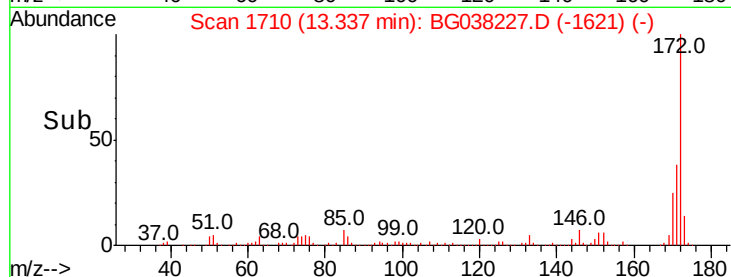
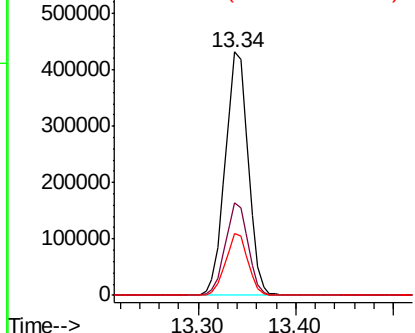
#45
 2-Fluorobiphenyl
 Concen: 95.028 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :
 112318-CHDE-E-U-M

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.4	20.2	30.2

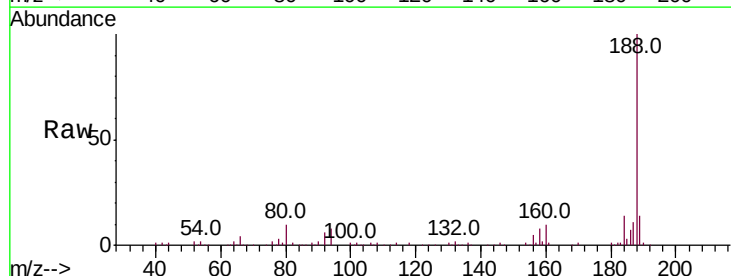


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

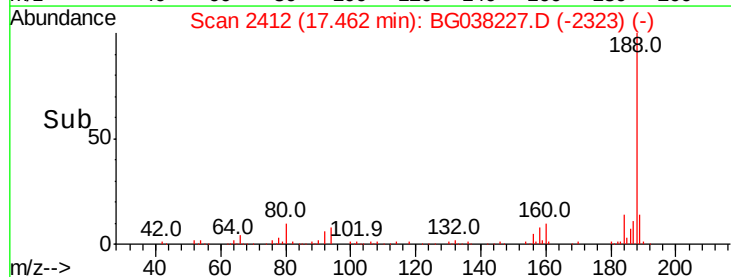
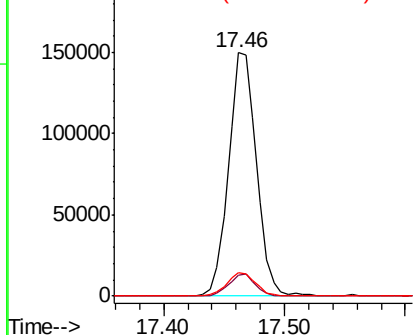


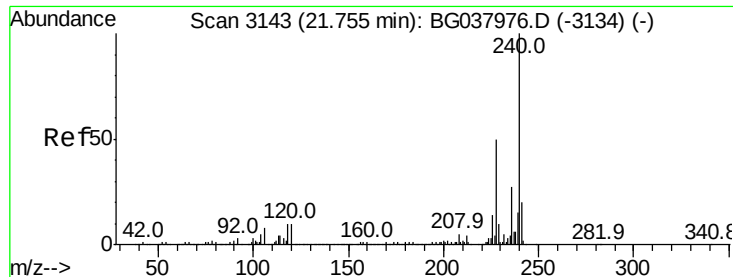
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.6	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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-U-M

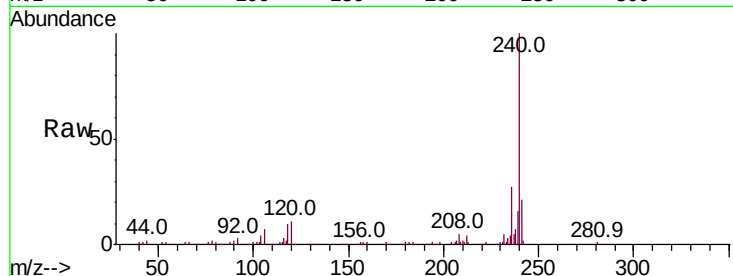
Tot Ion:240 Resp: 231033

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

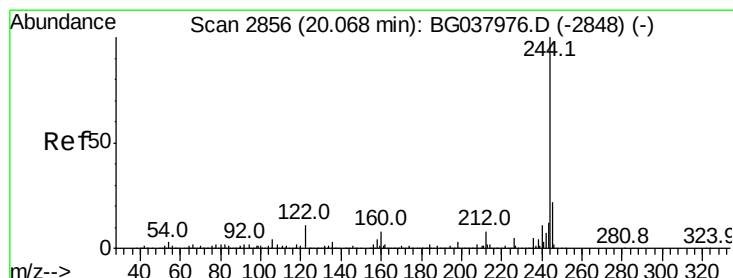
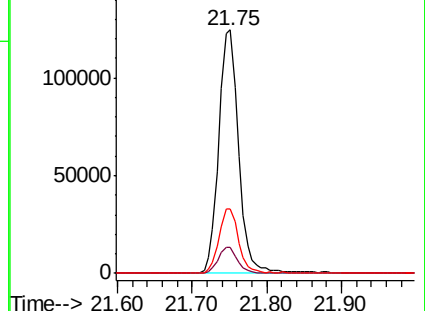
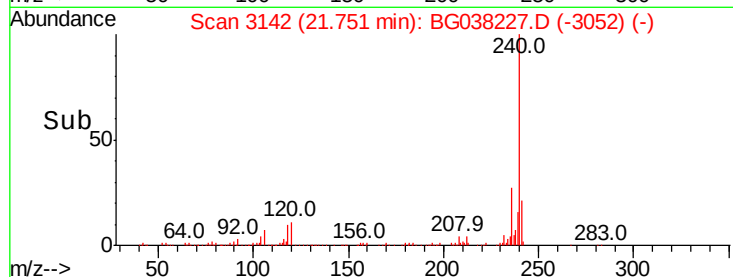
236 26.7 21.4 32.0



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: 103.765 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

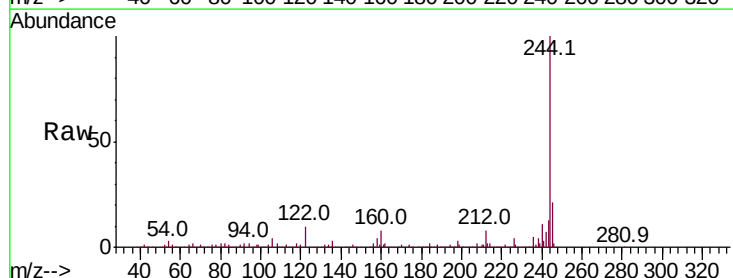
Tgt Ion:244 Resp: 1018825

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

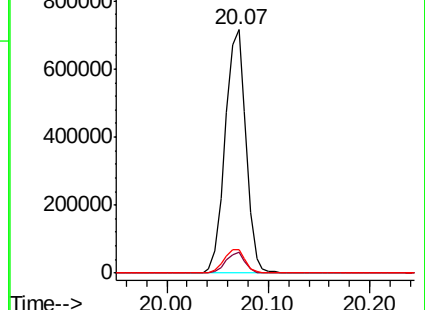
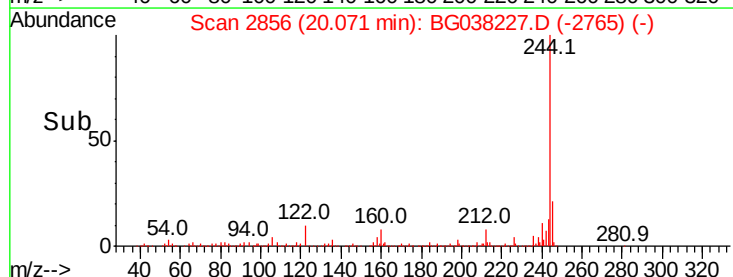
122 9.8 9.0 13.4

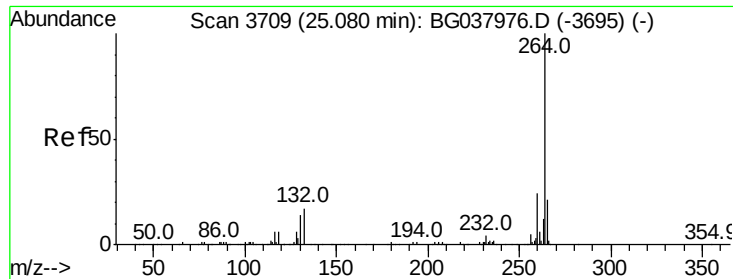


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038227.D
Acq: 29 Nov 2018 9:50

Instrument :
BNA_G
ClientSampleId :
112318-CHDE-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.6	17.9	26.9

