

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038288.D
 Acq On : 1 Dec 2018 15:27
 Operator : JU/SJ
 Sample : PB115178BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BL

Quant Time: Dec 03 01:07:07 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

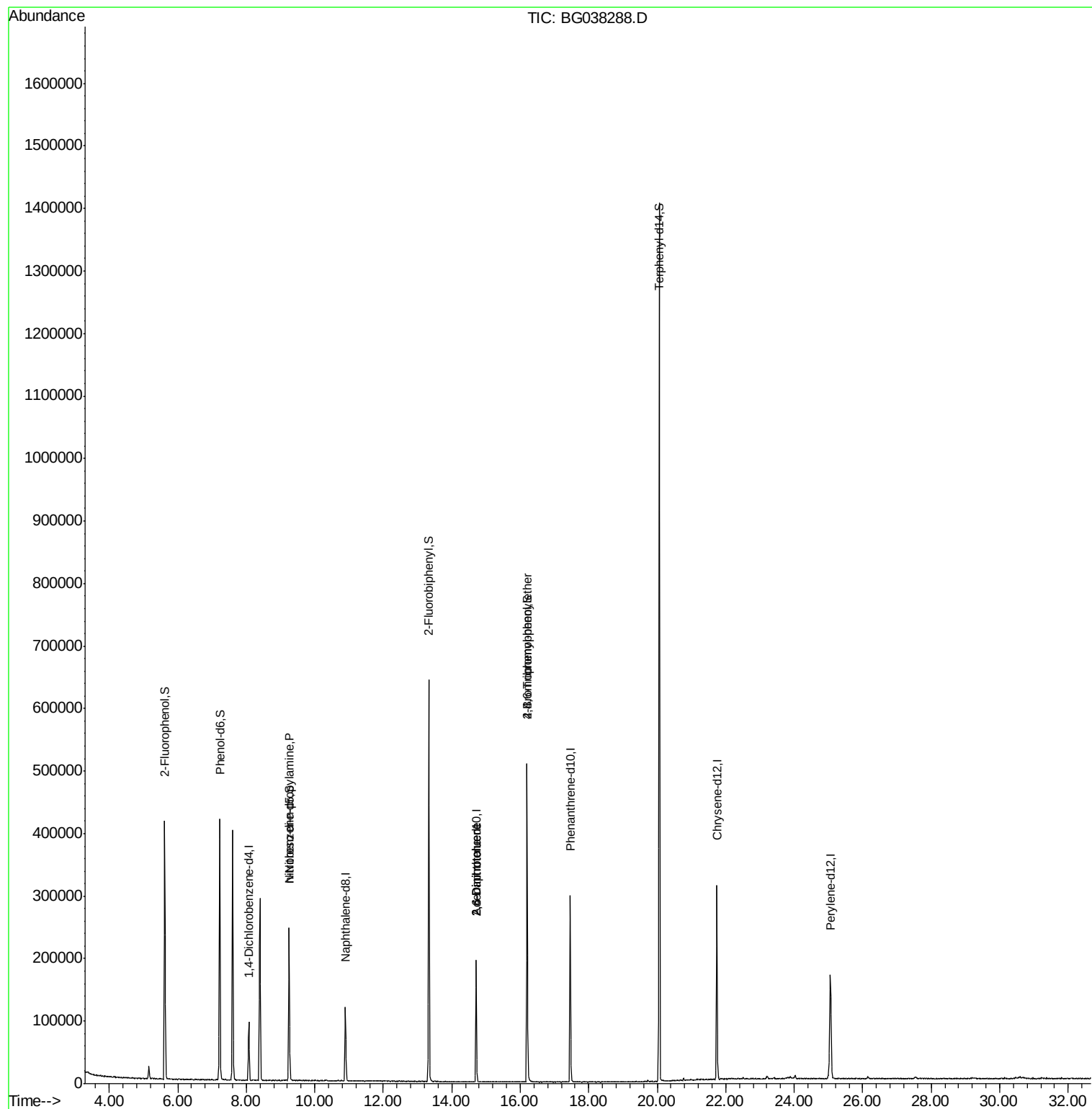
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27078	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	108133	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	69153	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	193289	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	193478	20.00	ng	-0.01
87) Perylene-d12	25.06	264	194406	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	177748	113.34	ng	-0.01
7) Phenol-d6	7.23	99	243057	108.57	ng	0.00
23) Nitrobenzene-d5	9.25	82	153201	75.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	98661	125.10	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	357419	75.30	ng	-0.01
79) Terphenyl-d14	20.06	244	714180	86.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	19651	12.131	ng	# 79
51) 2,6-Dinitrotoluene	14.71	165	9127	7.356	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	9127	5.406	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6610	3.116	ng	# 1

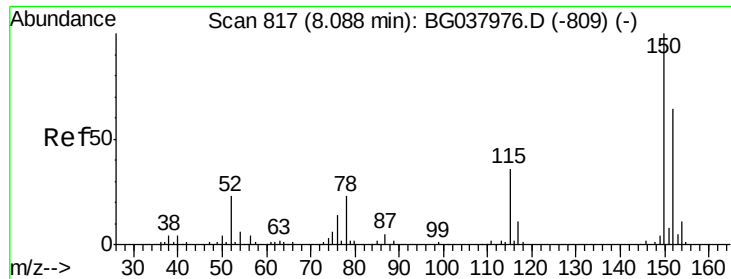
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 13 16:39:28 2018
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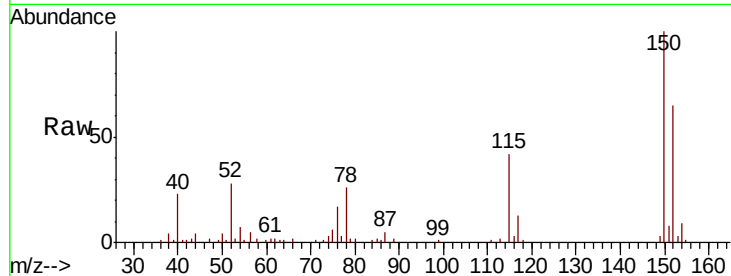


#1

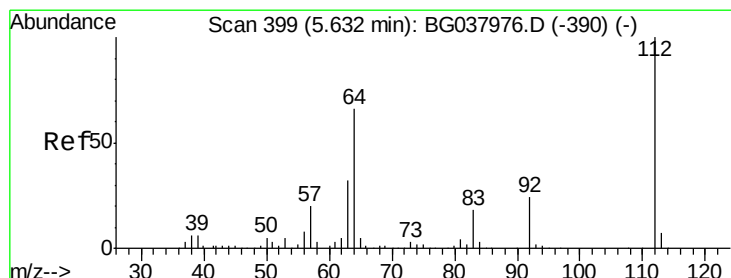
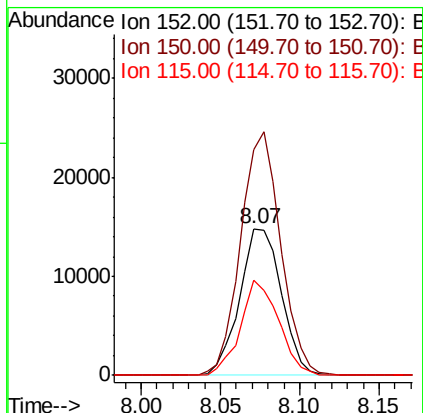
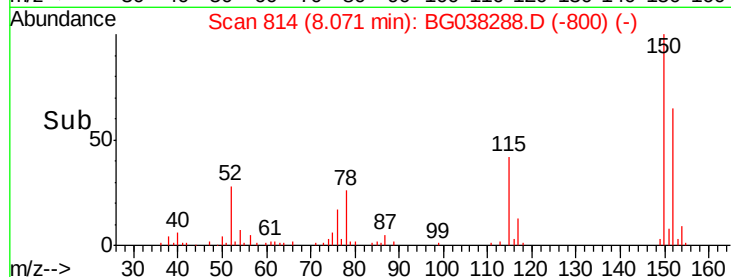
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BG038288.D
 Acq: 1 Dec 2018 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BL

Tot Ion:152 Resp: 27078
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.0 189.0
 115 65.1 45.5 68.3



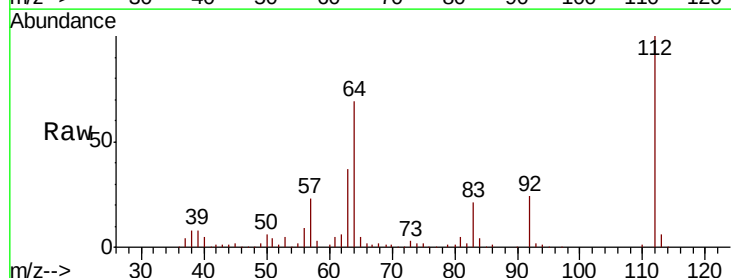
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



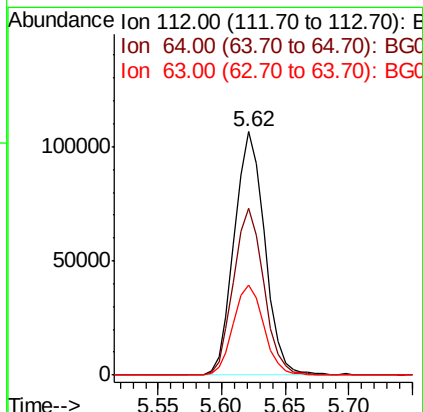
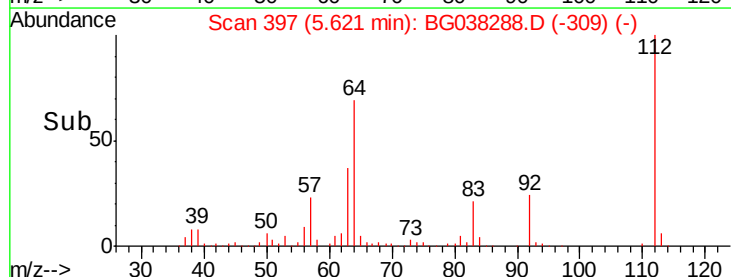
#5

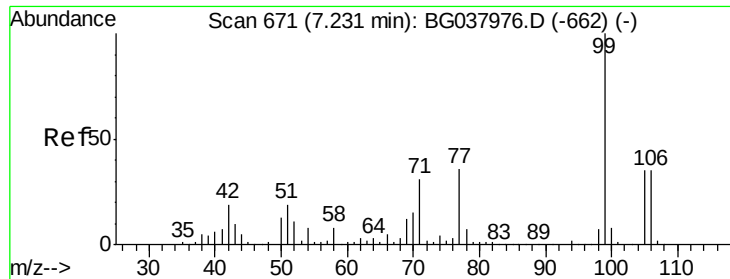
2-Fluorophenol
 Concen: 113.337 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038288.D
 Acq: 1 Dec 2018 15:27

Tgt Ion:112 Resp: 177748
 Ion Ratio Lower Upper
 112 100
 64 68.7 53.1 79.7
 63 36.9 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: 108.572 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038288.D

Acq: 1 Dec 2018 15:27

Instrument :

BNA_G

ClientSampleId :

PB115178BL

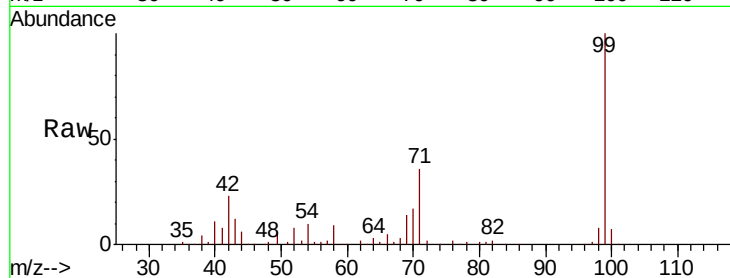
Tot Ion: 99 Resp: 243057

Ion Ratio Lower Upper

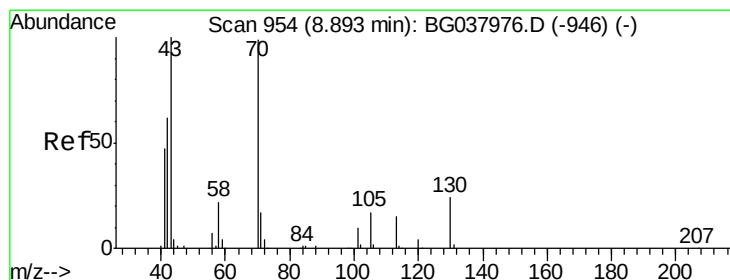
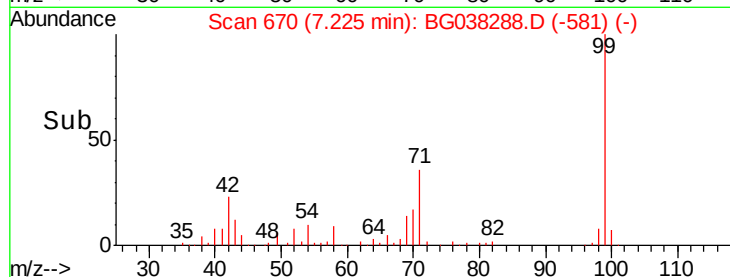
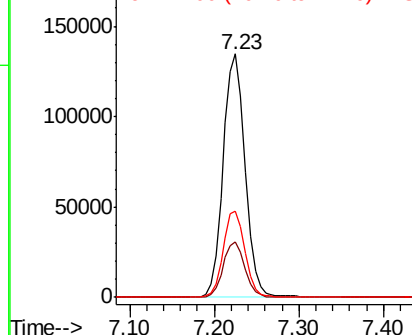
99 100

42 22.8 15.0 22.4#

71 35.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.131 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.36 min

Lab File: BG038288.D

Acq: 1 Dec 2018 15:27

Tgt Ion: 70 Resp: 19651

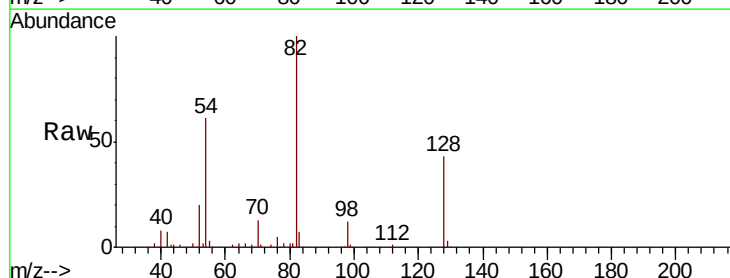
Ion Ratio Lower Upper

70 100

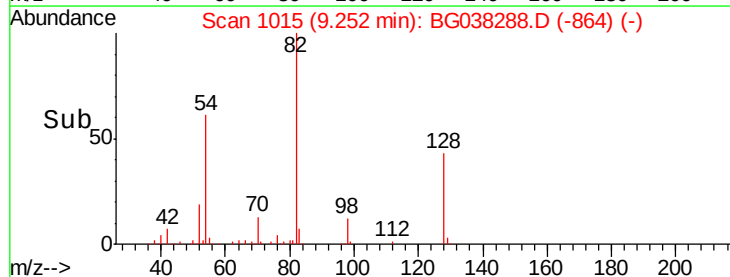
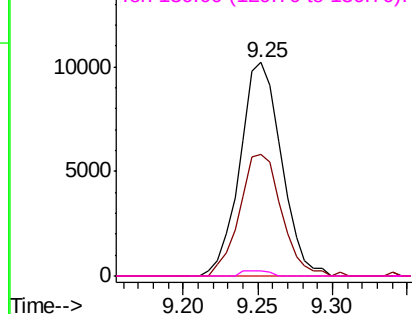
42 57.1 53.9 80.9

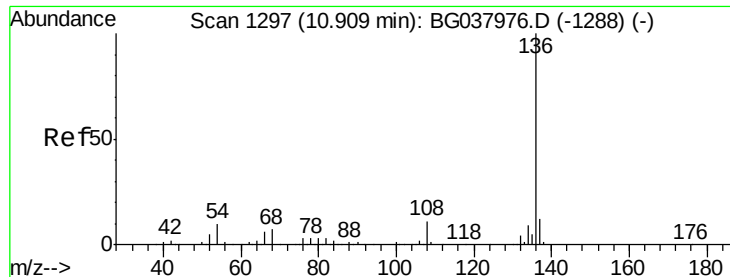
101 0.0 8.2 12.2#

130 2.3 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

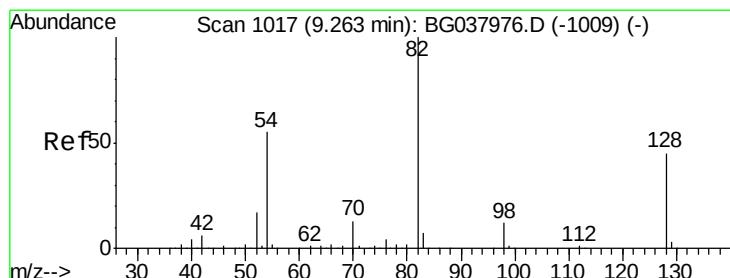
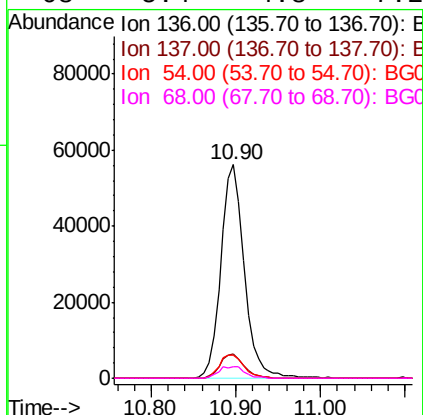
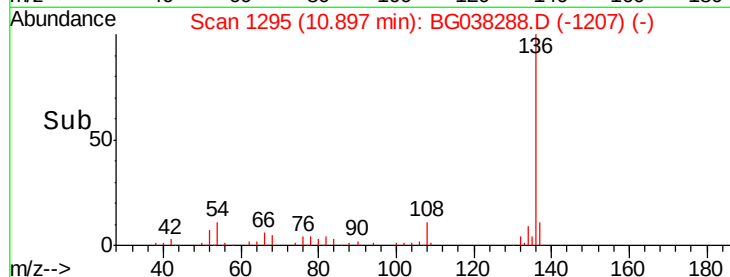
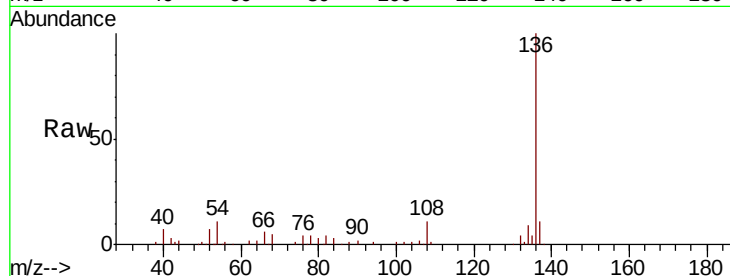




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038288.D
Acq: 1 Dec 2018 15:27

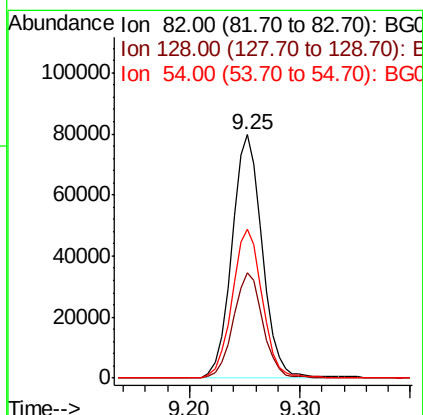
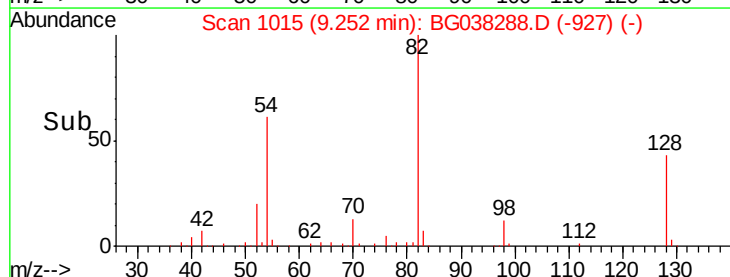
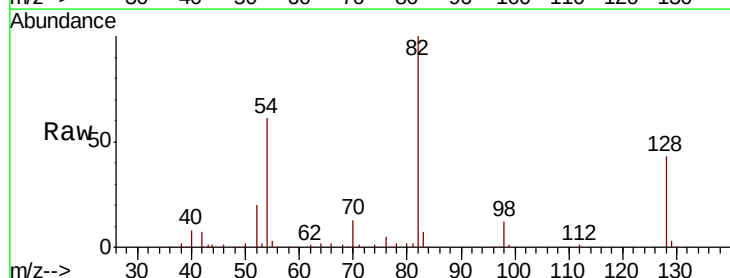
Instrument :
BNA_G
ClientSampleId :
PB115178BL

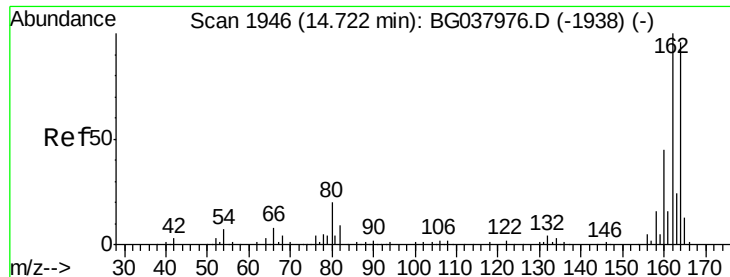
Tot Ion:136	Resp:	108133
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.6 14.4
54	10.6	7.9 11.9
68	5.4	4.8 7.2



#23
Nitrobenzene-d5
Concen: 75.841 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038288.D
Acq: 1 Dec 2018 15:27

Tgt Ion: 82	Resp:	153201
Ion Ratio	Lower	Upper
82	100	
128	43.2	34.6 51.8
54	61.4	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038288.D

Acq: 1 Dec 2018 15:27

Instrument :

BNA_G

ClientSampleId :

PB115178BL

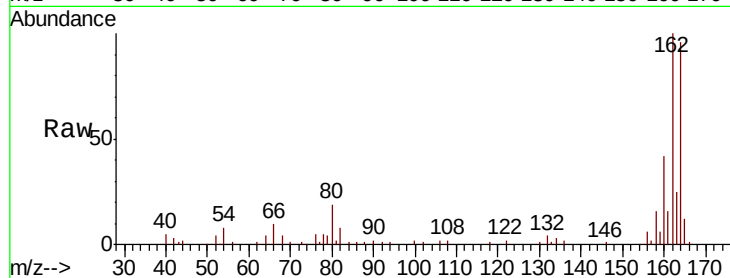
Tot Ion:164 Resp: 69153

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

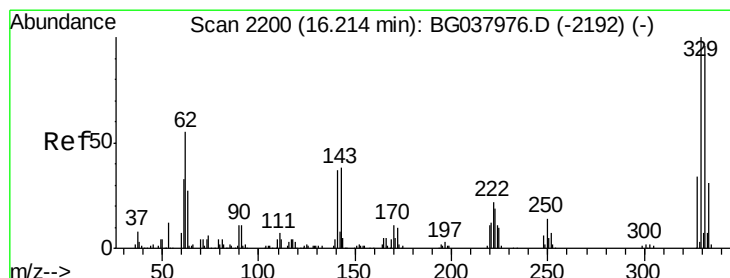
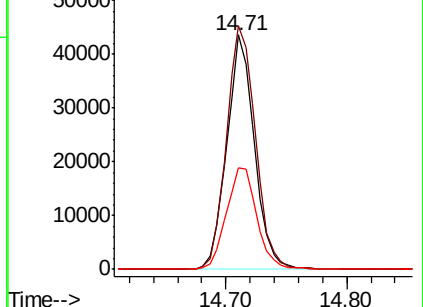
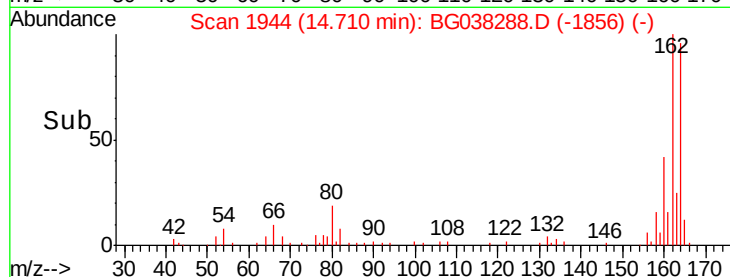
160 43.3 36.3 54.5



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: 125.097 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038288.D

Acq: 1 Dec 2018 15:27

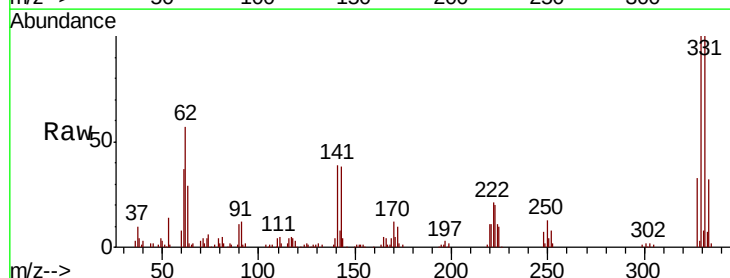
Tgt Ion:330 Resp: 98661

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

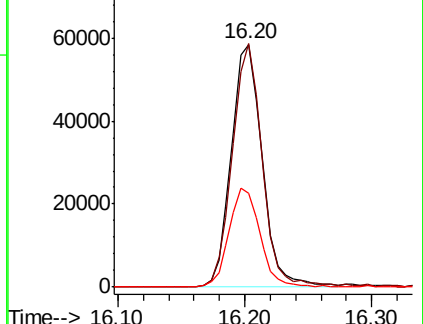
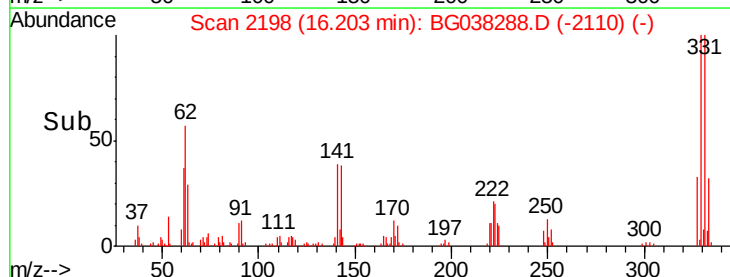
141 40.9 32.2 48.2

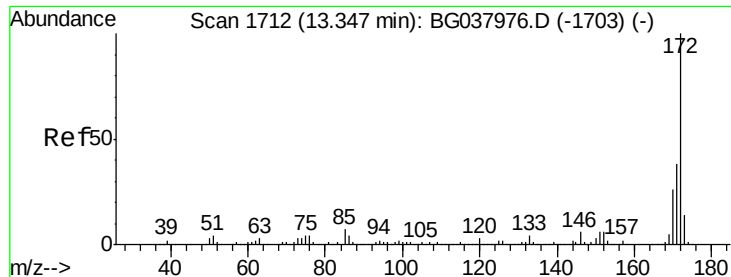


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

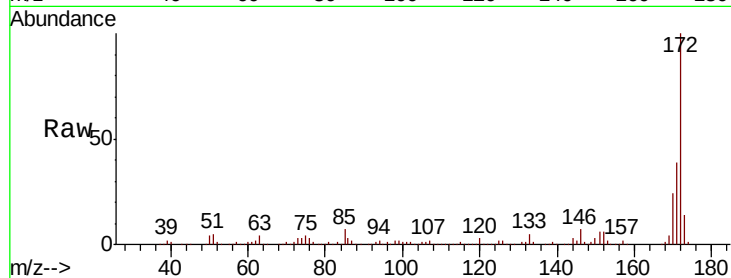




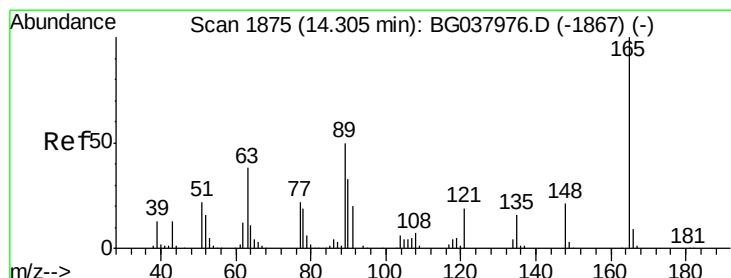
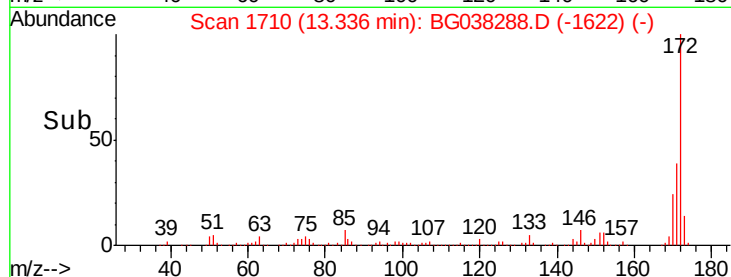
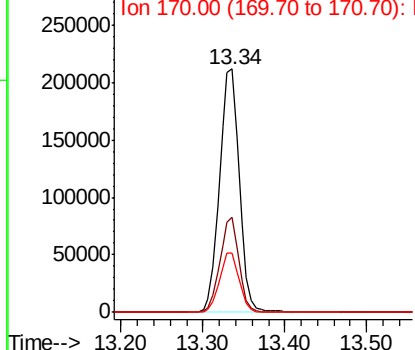
#45
 2-Fluorobiphenyl
 Concen: 75.298 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038288.D
 Acq: 1 Dec 2018 15:27

Instrument :
 BNA_G
 ClientSampled :
 PB115178BL

Tot Ion:172 Resp: 357419
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.0 46.4
 170 24.2 20.2 30.2

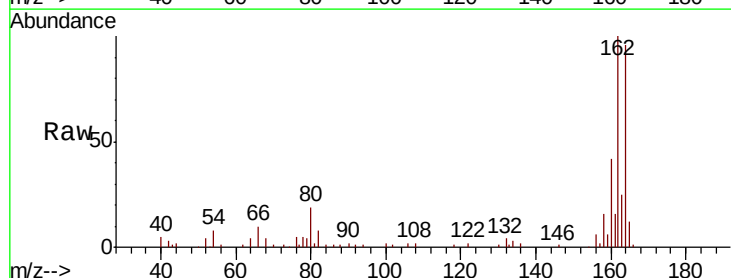


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

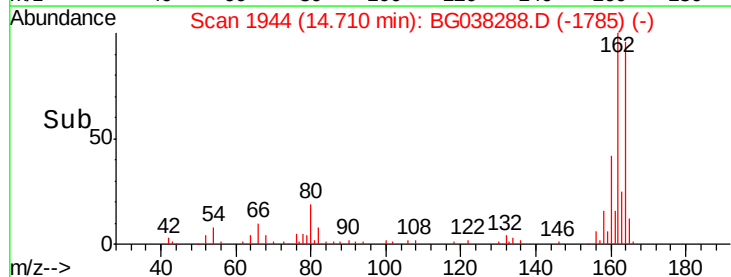
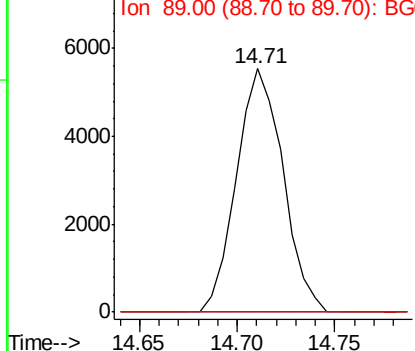


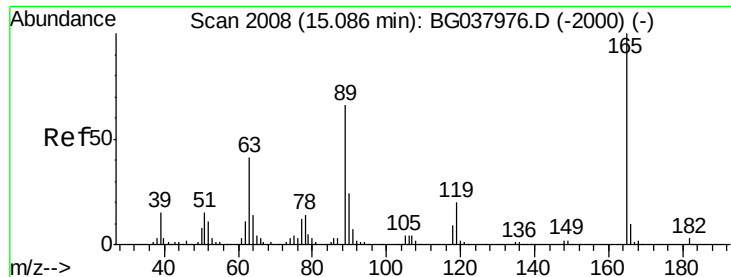
#51
 2,6-Dinitrotoluene
 Concen: 7.356 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.41 min
 Lab File: BG038288.D
 Acq: 1 Dec 2018 15:27

Tgt Ion:165 Resp: 9127
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

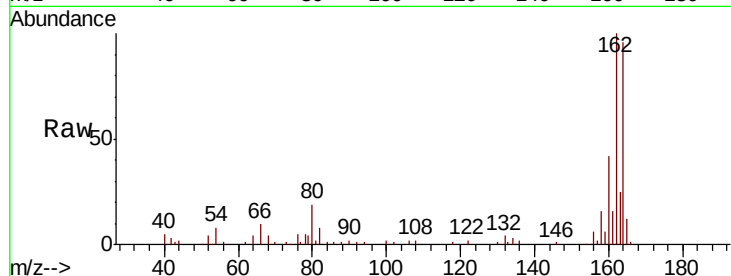




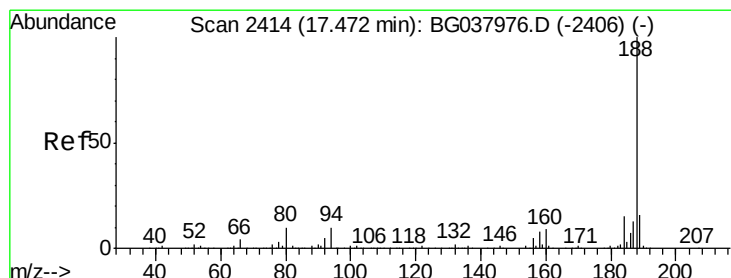
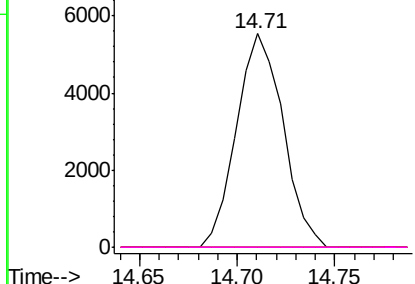
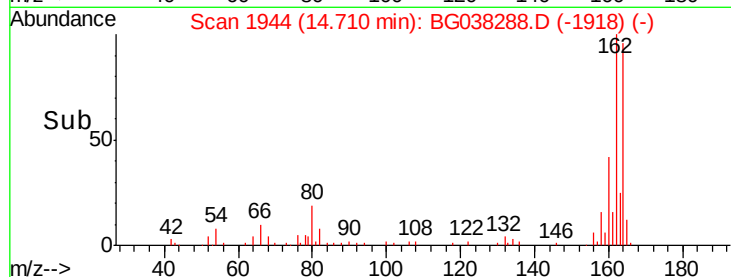
#57
 2,4-Dinitrotoluene
 Concen: 5.406 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG038288.D
 Acq: 1 Dec 2018 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BL

Tot Ion:	165	Resp:	9127
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

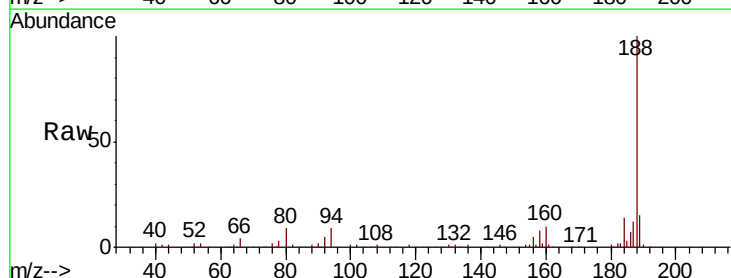


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

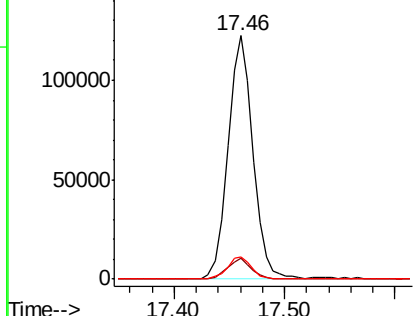
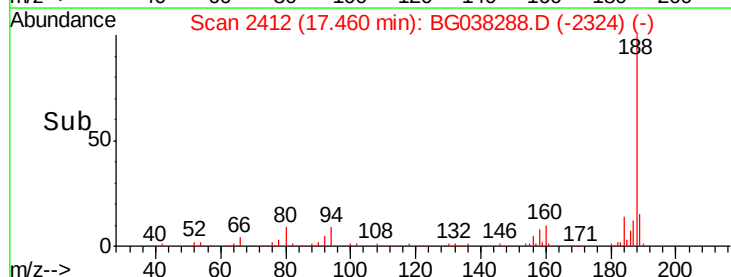


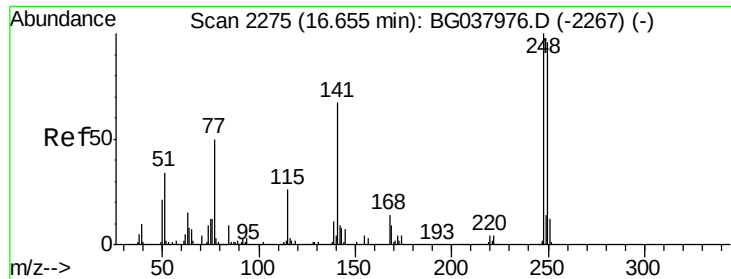
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038288.D
 Acq: 1 Dec 2018 15:27

Tgt Ion:	188	Resp:	193289
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.9	7.7	11.5



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

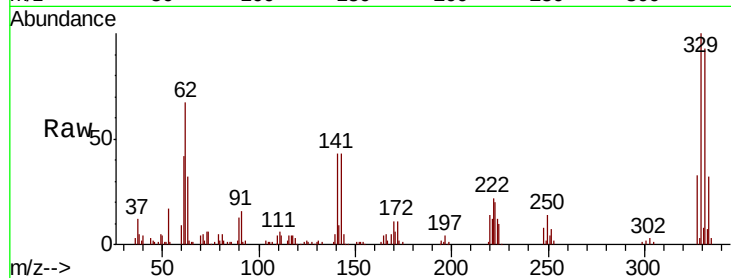




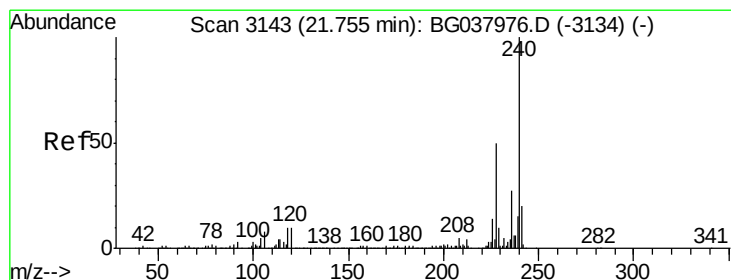
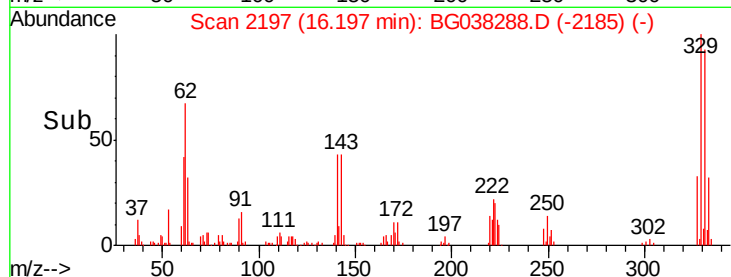
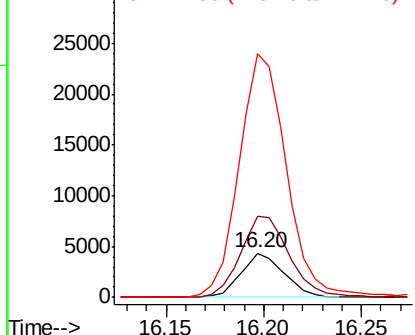
#67
4-Bromophenyl-phenylether
Concen: 3.116 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.46 min
Lab File: BG038288.D
Acq: 1 Dec 2018 15:27

Instrument :
BNA_G
ClientSampleId :
PB115178BL

Tot Ion:248 Resp: 6610
Ion Ratio Lower Upper
248 100
250 183.3 77.0 115.6#
141 426.8 55.5 83.3#

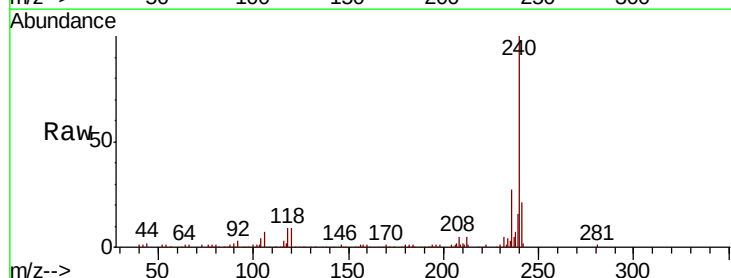


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

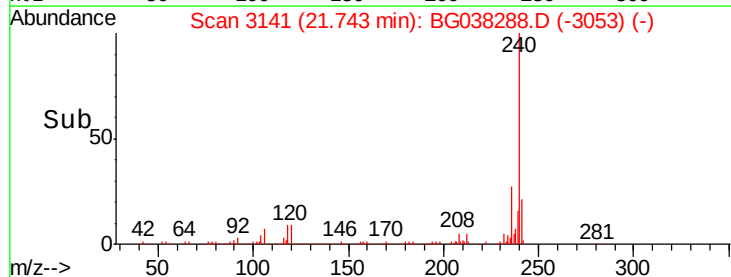
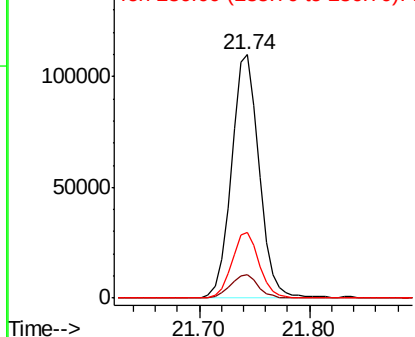


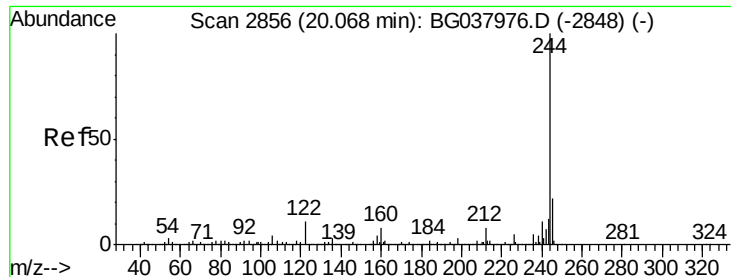
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038288.D
Acq: 1 Dec 2018 15:27

Tgt Ion:240 Resp: 193478
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.9 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: 86.856 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG038288.D

Acq: 1 Dec 2018 15:27

Instrument :

BNA_G

ClientSampleId :

PB115178BL

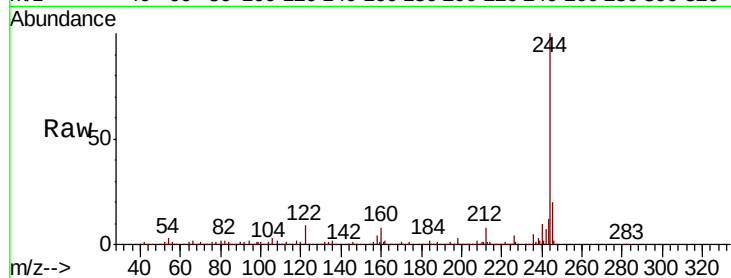
Tot Ion:244 Resp: 714180

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

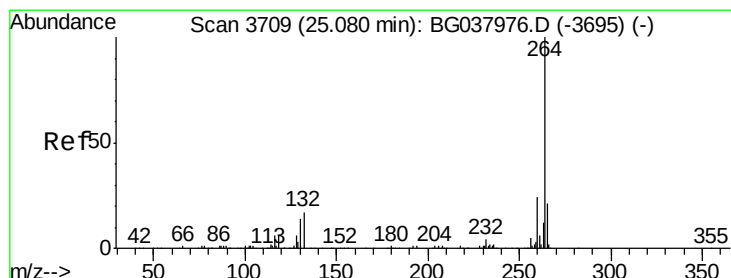
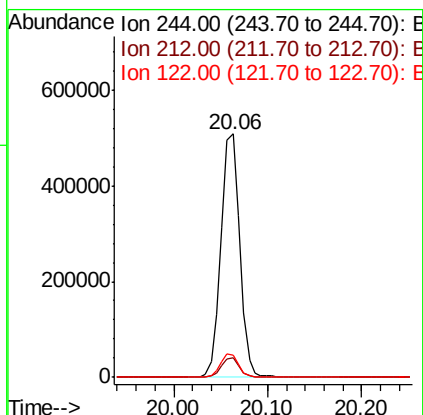
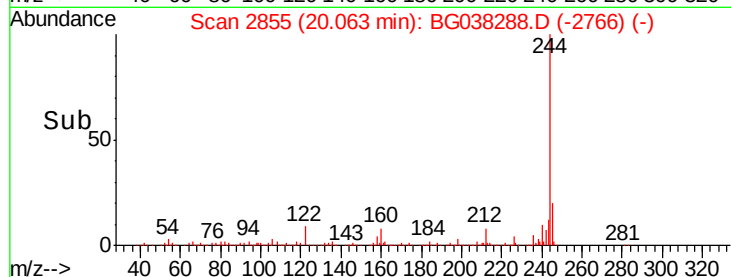
122 8.9 9.0 13.4#



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: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038288.D

Acq: 1 Dec 2018 15:27

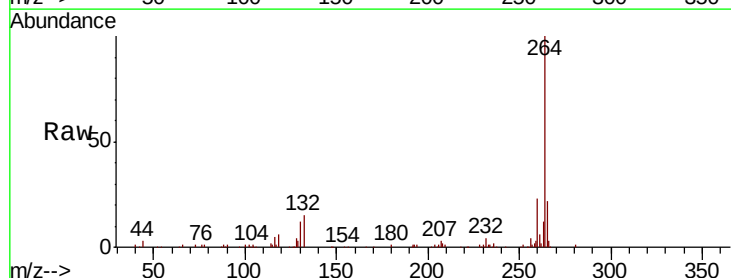
Tgt Ion:264 Resp: 194406

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.5 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

