

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038035.D
 Acq On : 16 Nov 2018 16:03
 Operator : JU/SJ
 Sample : J5965-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 18:05:21 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

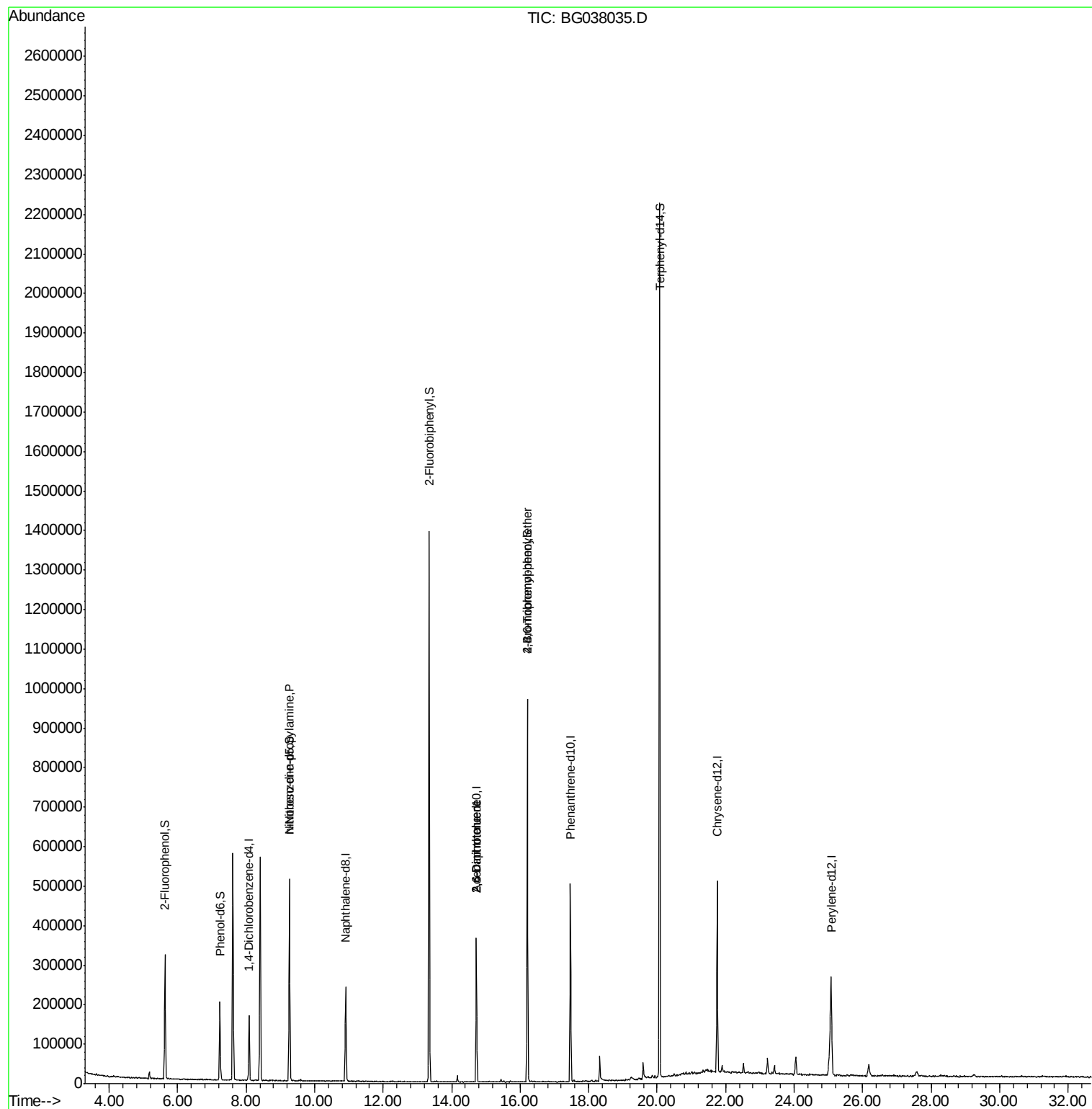
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	48813	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	214594	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	135569	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	304865	20.00	ng	0.00
76) Chrysene-d12	21.75	240	280159	20.00	ng	0.00
87) Perylene-d12	25.08	264	290061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	142674	50.47	ng	0.00
7) Phenol-d6	7.23	99	126281	31.29	ng	0.00
23) Nitrobenzene-d5	9.27	82	320445	79.93	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	170982	110.59	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	744802	80.04	ng	0.00
79) Terphenyl-d14	20.07	244	1030885	86.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	40287	13.796	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	17481	7.187	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	17481	5.282	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	12561	3.754	ng	# 1

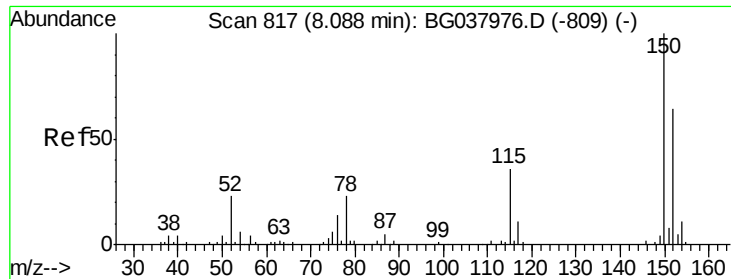
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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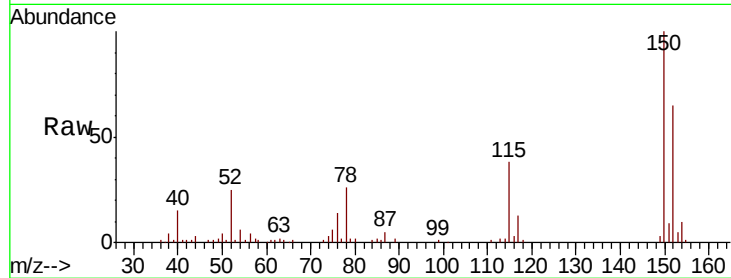


#1

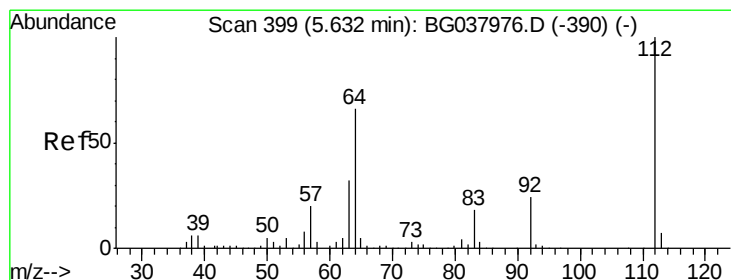
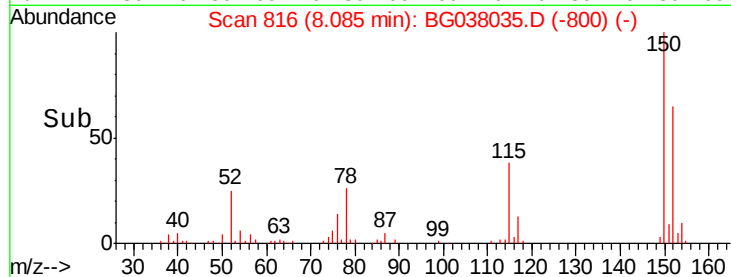
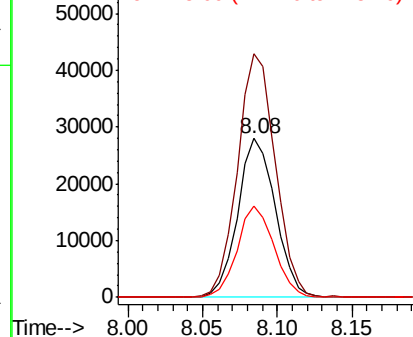
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038035.D
Acq: 16 Nov 2018 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 48813
Ion Ratio Lower Upper
152 100
150 153.5 126.0 189.0
115 57.8 45.5 68.3



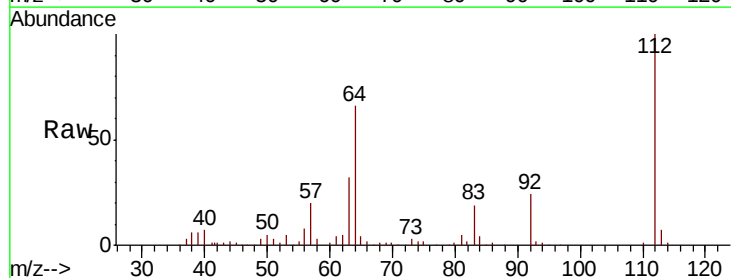
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



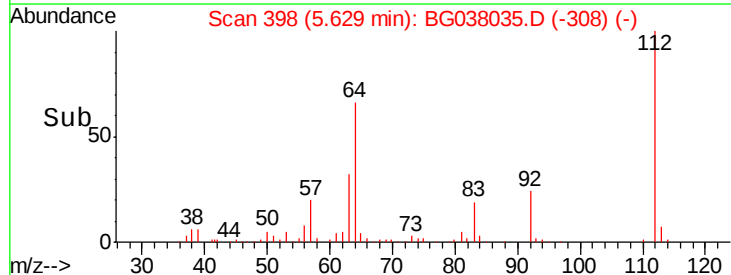
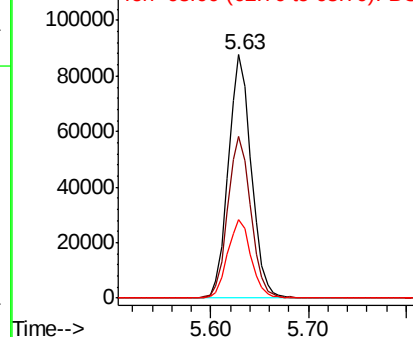
#5

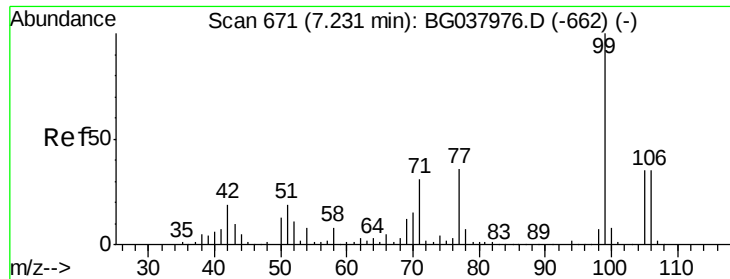
2-Fluorophenol
Concen: 50.465 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038035.D
Acq: 16 Nov 2018 16:03

Tgt Ion:112 Resp: 142674
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 32.1 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: 31.292 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Instrument :

BNA_F

ClientSampleId :

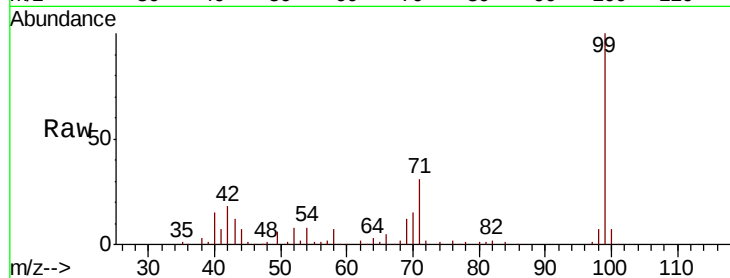
Tot Ion: 99 Resp: 126281

Ion Ratio Lower Upper

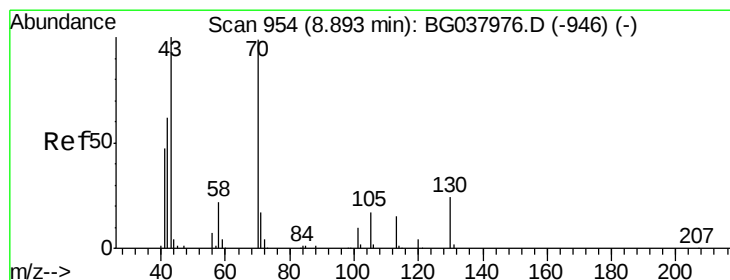
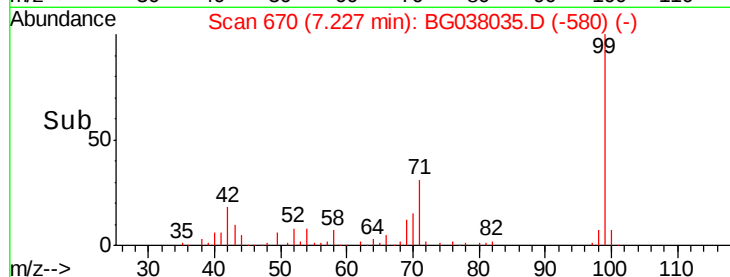
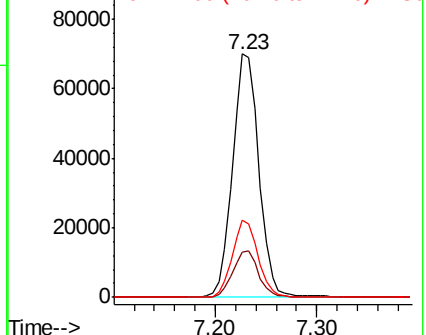
99 100

42 18.4 15.0 22.4

71 31.5 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: 13.796 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Tgt Ion: 70 Resp: 40287

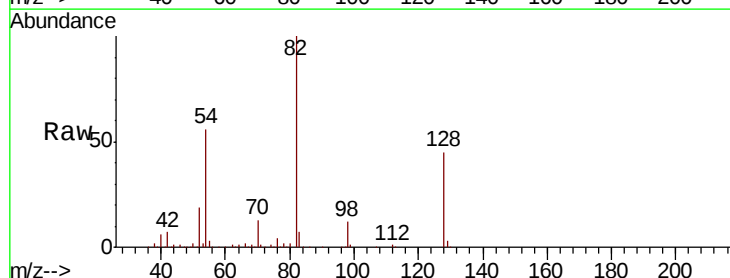
Ion Ratio Lower Upper

70 100

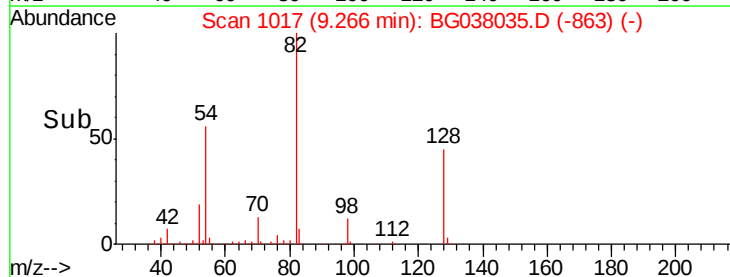
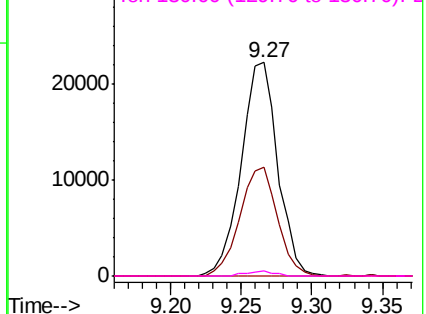
42 51.1 53.9 80.9#

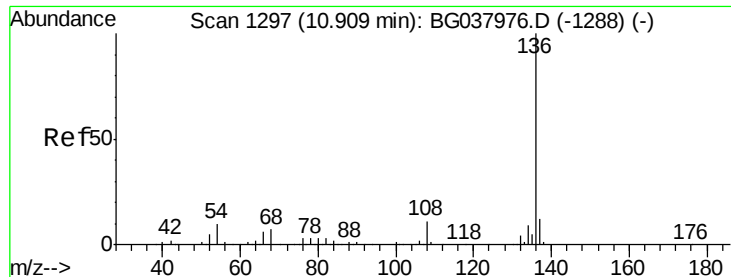
101 0.0 8.2 12.2#

130 2.1 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# 1296

Delta R.T. -0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 214594

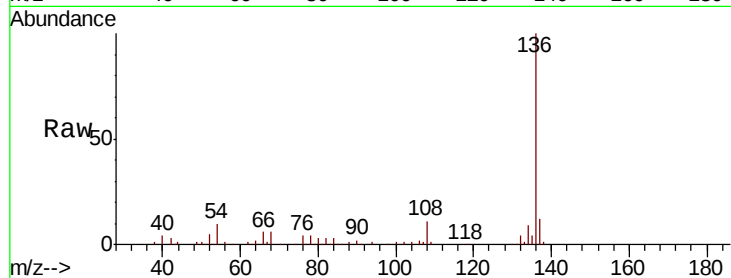
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 10.3 7.9 11.9

68 6.1 4.8 7.2

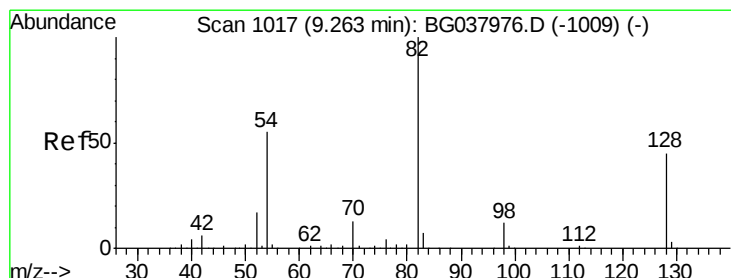
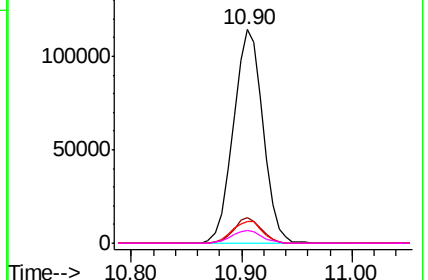
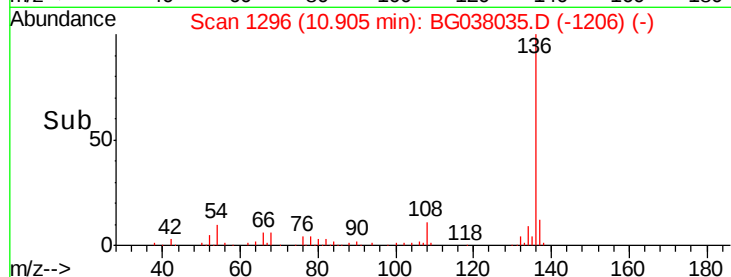


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 79.935 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

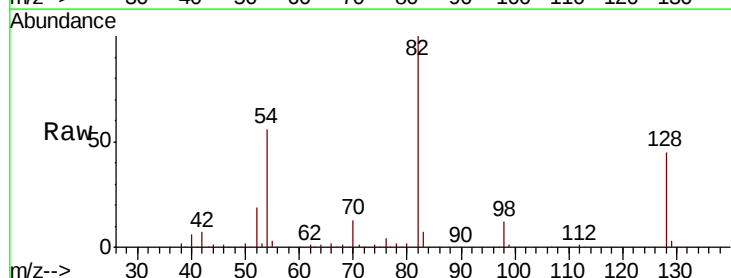
Tgt Ion: 82 Resp: 320445

Ion Ratio Lower Upper

82 100

128 45.4 34.6 51.8

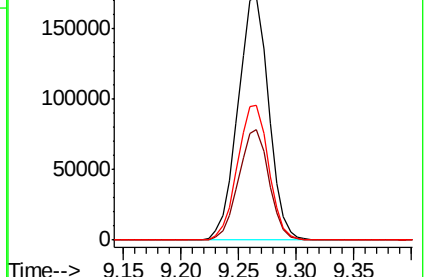
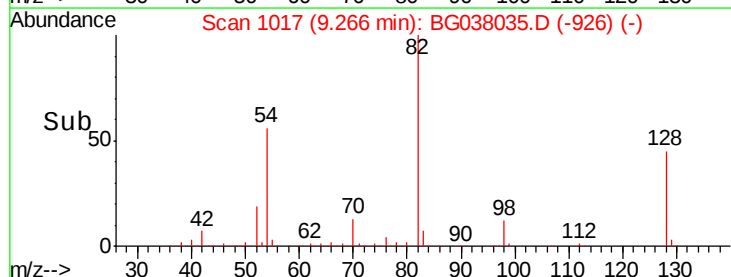
54 55.6 45.3 67.9

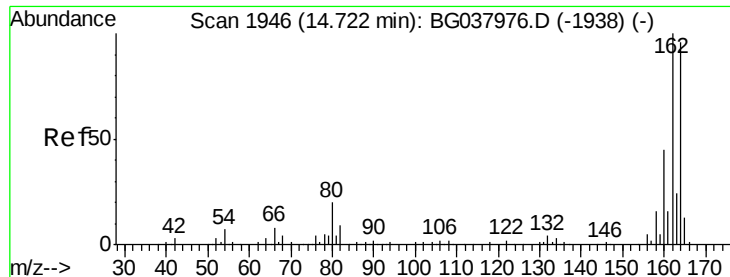


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Instrument :

BNA_F

ClientSampleId :

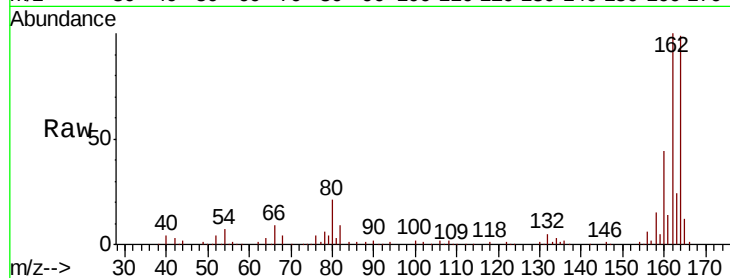
Tot Ion:164 Resp: 135569

Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

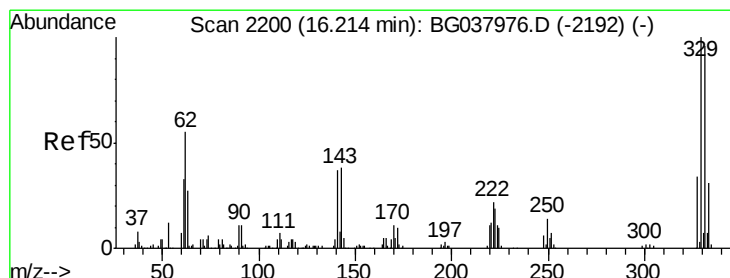
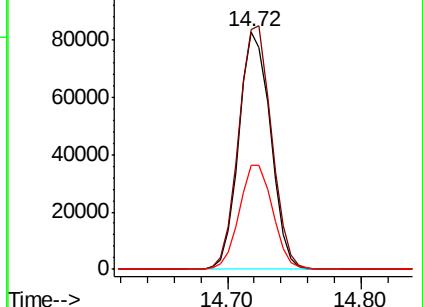
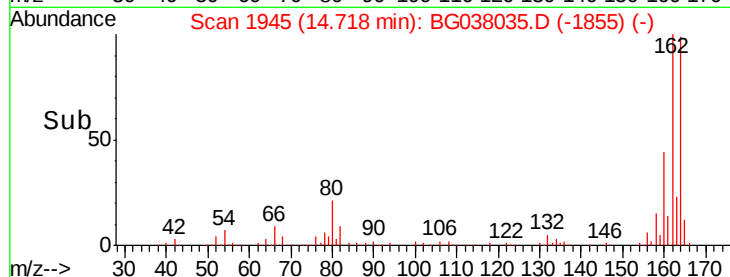
160 43.9 36.3 54.5



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: 110.587 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

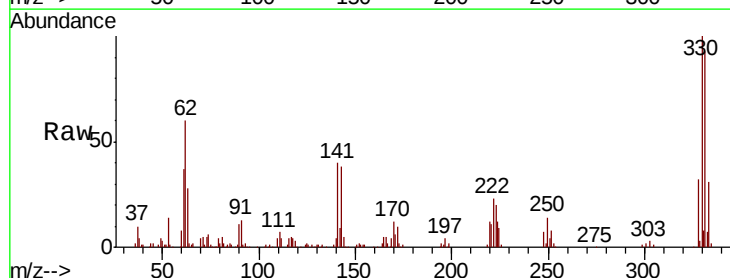
Tgt Ion:330 Resp: 170982

Ion Ratio Lower Upper

330 100

332 94.2 78.4 117.6

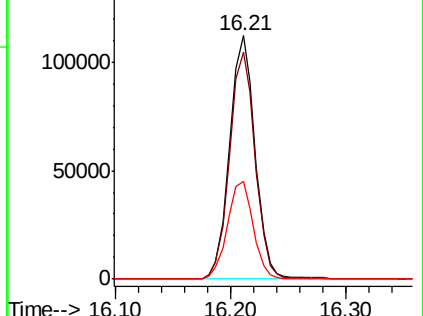
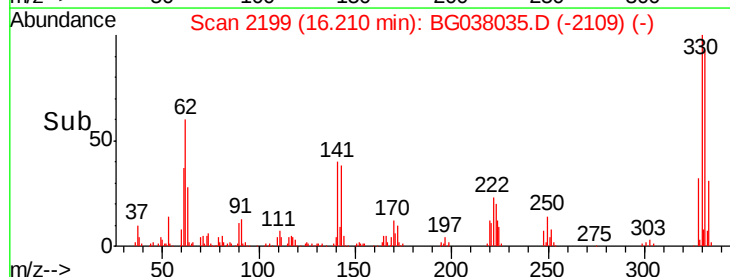
141 40.9 32.2 48.2

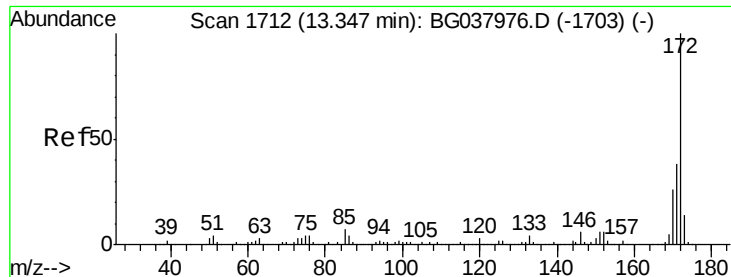


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

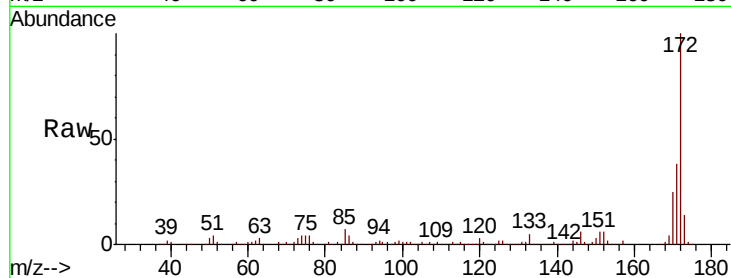




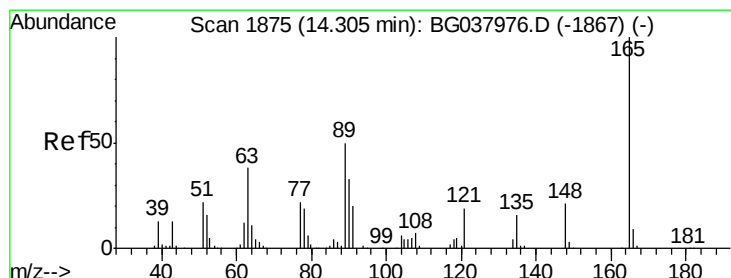
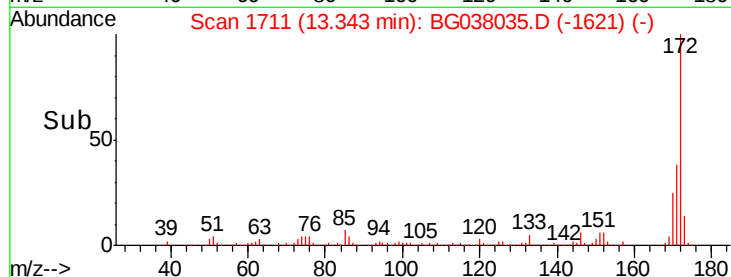
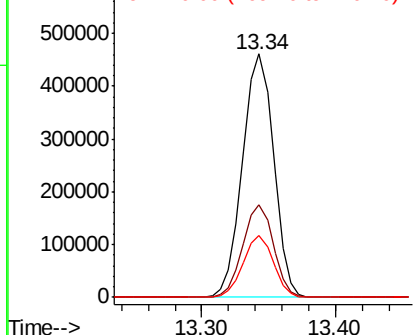
#45
 2-Fluorobiphenyl
 Concen: 80.038 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 744802
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.0 46.4
 170 25.5 20.2 30.2

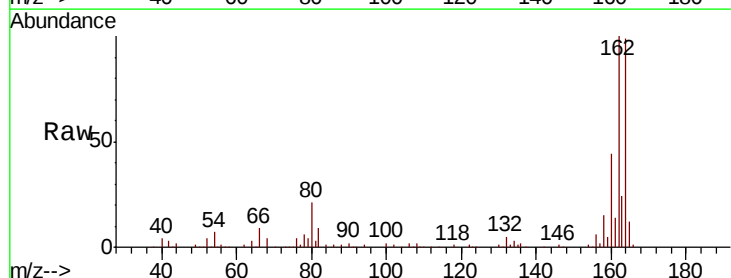


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

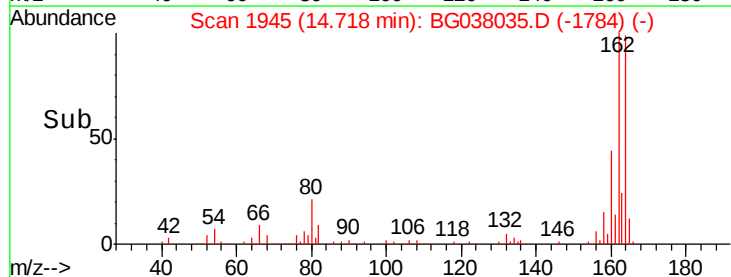
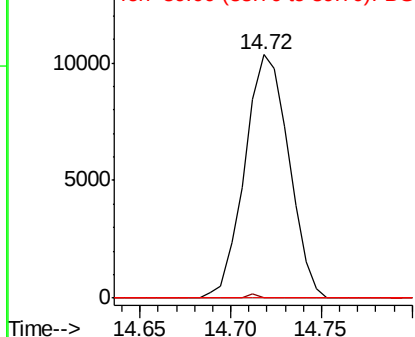


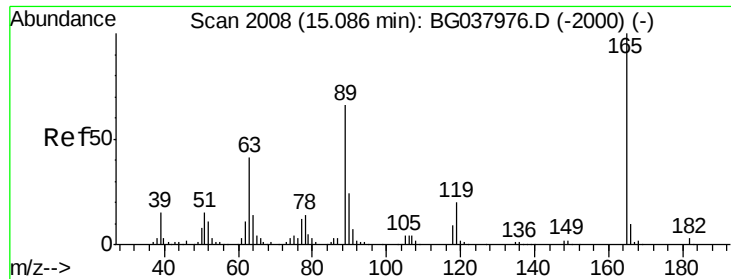
#51
 2,6-Dinitrotoluene
 Concen: 7.187 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Tgt Ion:165 Resp: 17481
 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): BG
 Ion 89.00 (88.70 to 89.70): BG

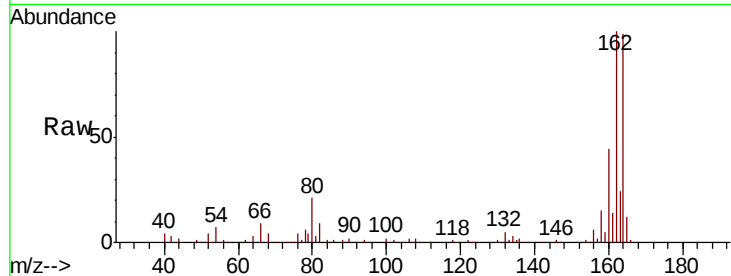




#57
 2,4-Dinitrotoluene
 Concen: 5.282 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#



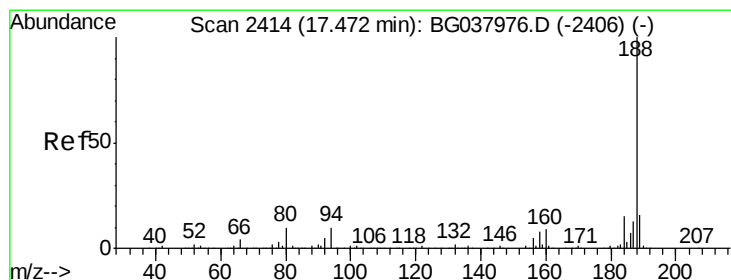
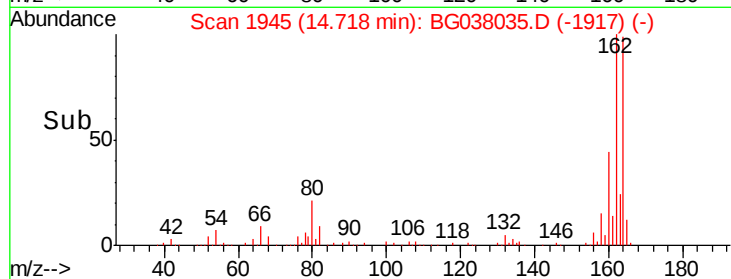
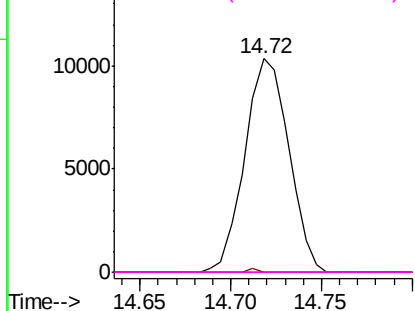
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

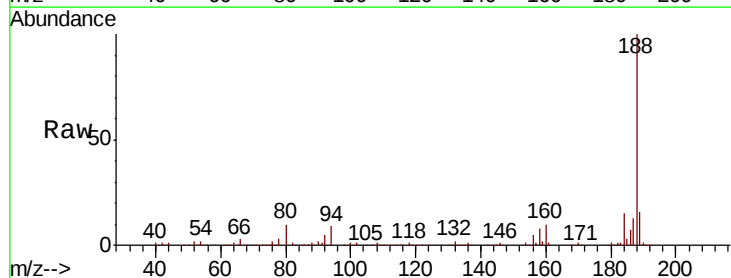
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.3	7.7	11.5

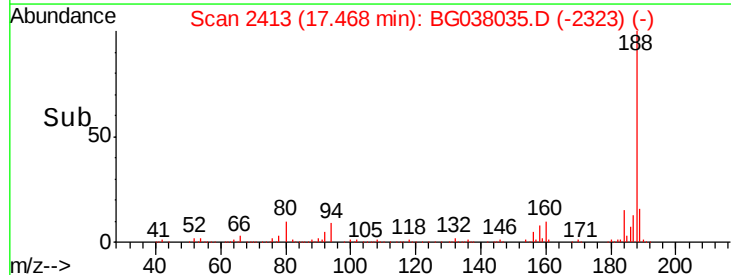
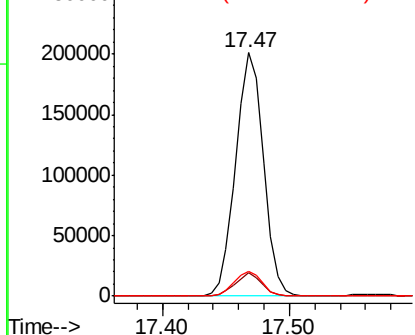


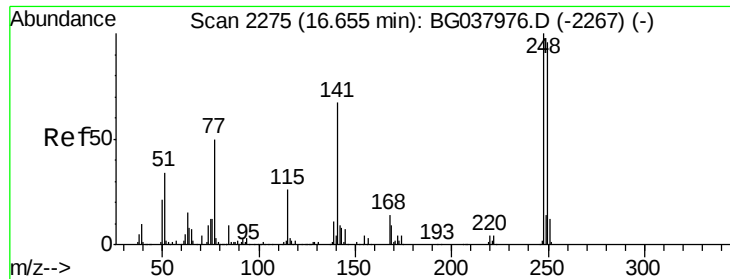
Abundance

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

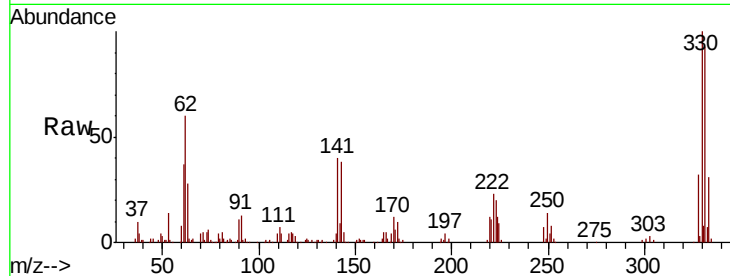




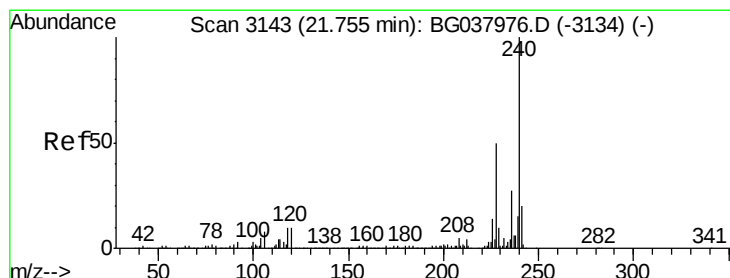
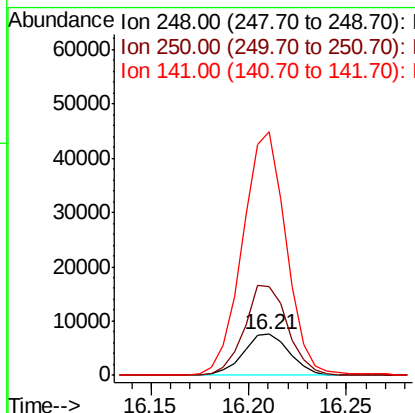
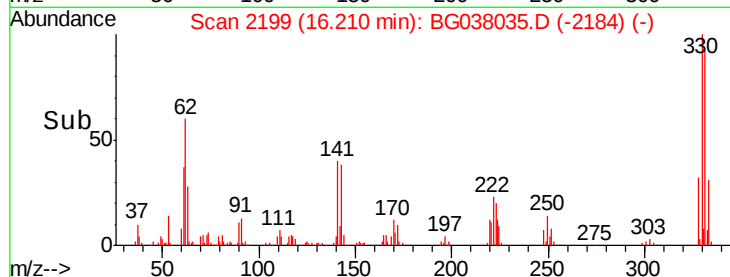
#67
4-Bromophenyl-phenylether
Concen: 3.754 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.44 min
Lab File: BG038035.D
Acq: 16 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12561
Ion Ratio Lower Upper
248 100
250 209.1 77.0 115.6#
141 442.7 55.5 83.3#

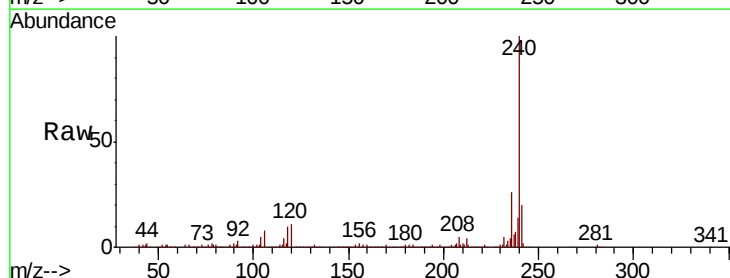


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

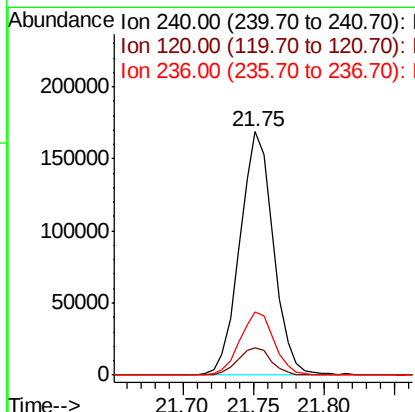
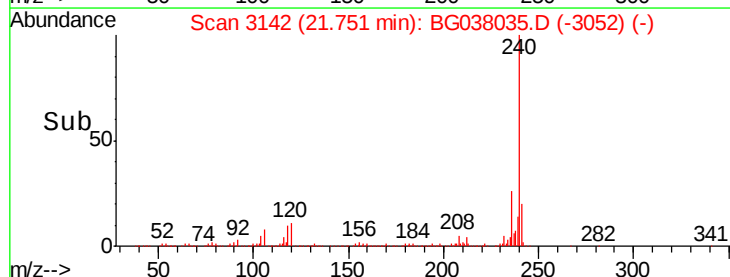


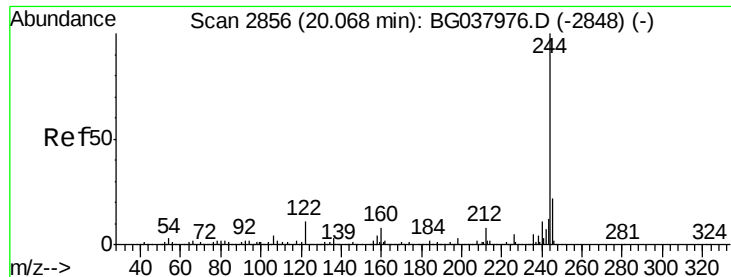
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038035.D
Acq: 16 Nov 2018 16:03

Tgt Ion:240 Resp: 280159
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.1 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: 86.582 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Instrument :

BNA_F

ClientSampled :

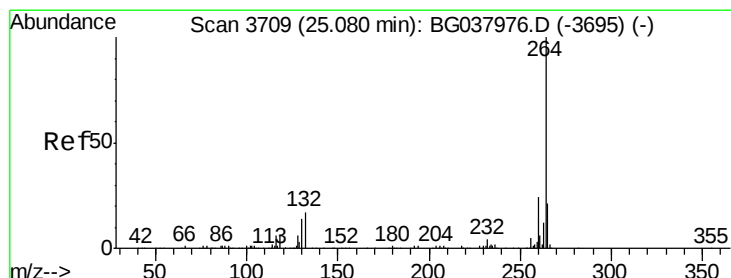
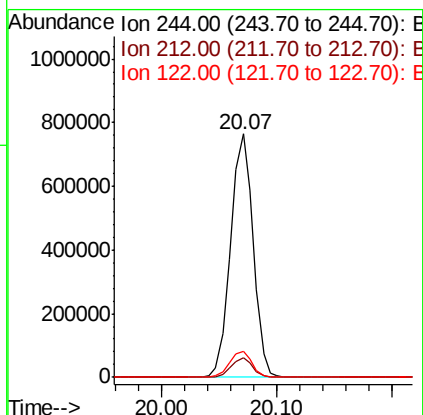
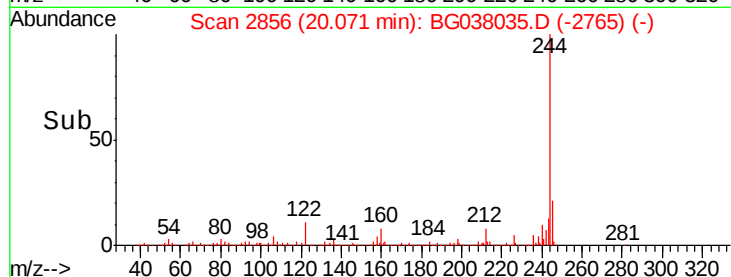
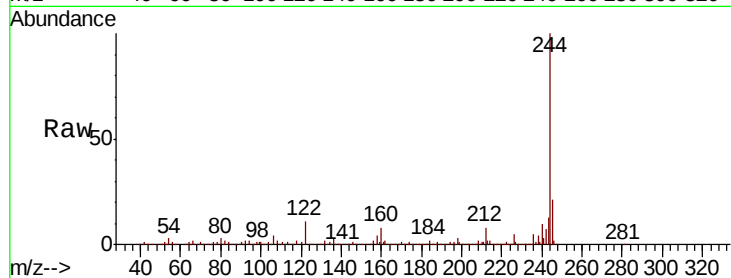
Tot Ion:244 Resp: 1030885

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 10.7 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. 0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Tgt Ion:264 Resp: 290061

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 19.8 17.9 26.9

