

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038556.D
 Acq On : 14 Dec 2018 6:31
 Operator : JU/SJ
 Sample : J6331-42
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Dec 14 07:43:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

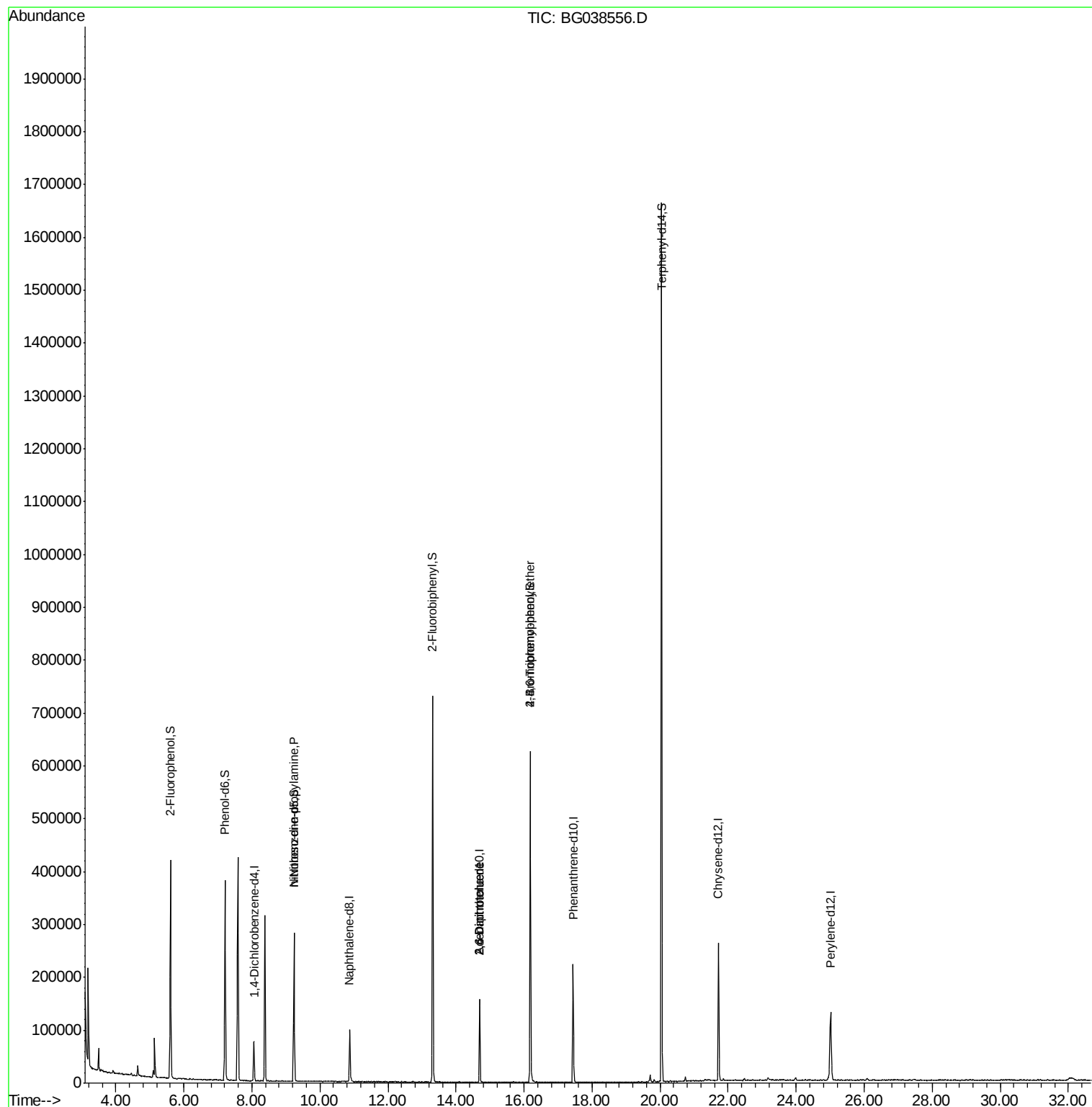
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21069	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	85566	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57830	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	151092	20.00	ng	0.00
76) Chrysene-d12	21.72	240	160985	20.00	ng	-0.01
87) Perylene-d12	25.01	264	170491	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	169037	142.30	ng	0.00
7) Phenol-d6	7.21	99	212034	130.02	ng	0.00
23) Nitrobenzene-d5	9.24	82	167657	100.10	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	123932	155.50	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	390710	92.68	ng	0.00
79) Terphenyl-d14	20.04	244	802486	108.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	22701	19.820	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	7454	6.965	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	7454	4.945	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8257	4.475	ng	# 1

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

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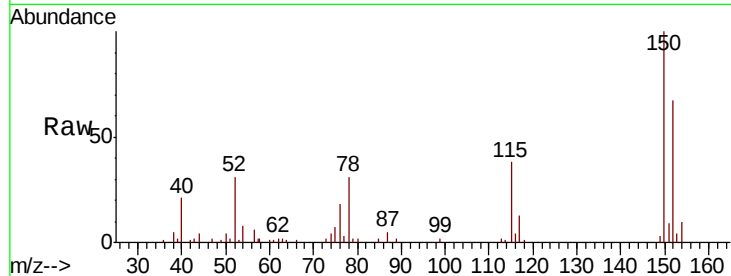


#1

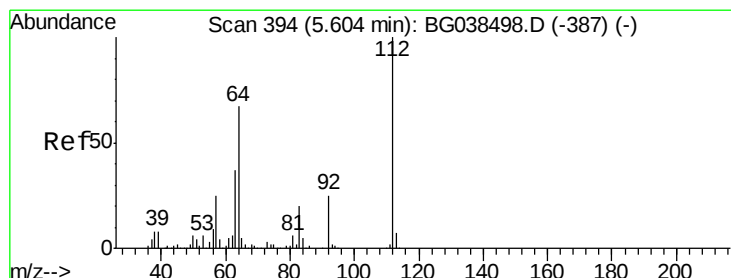
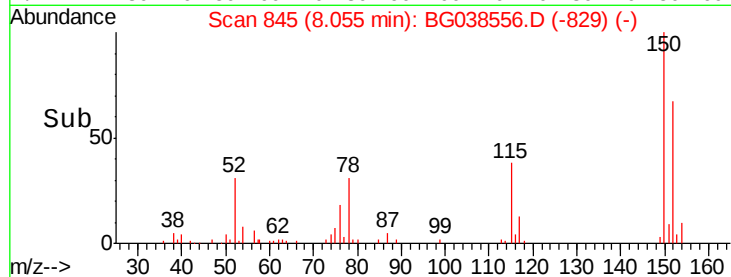
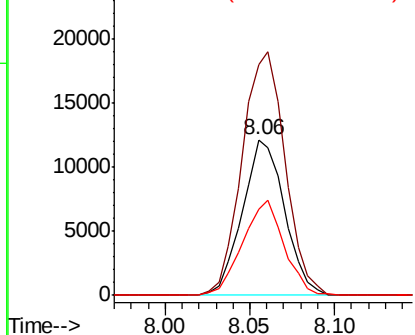
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 21069
Ion Ratio Lower Upper
152 100
150 148.7 119.5 179.3
115 55.9 49.6 74.4



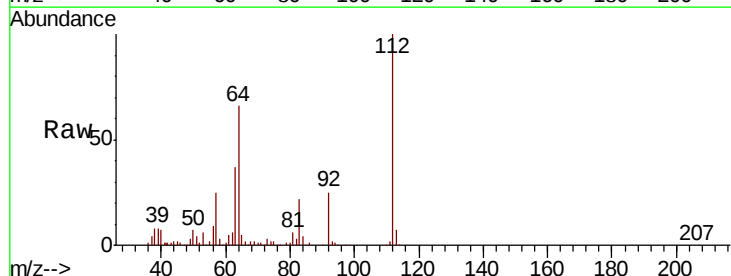
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



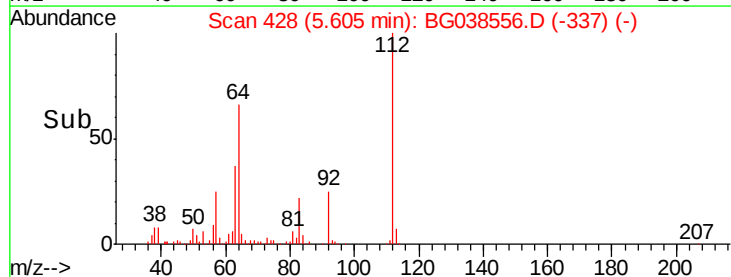
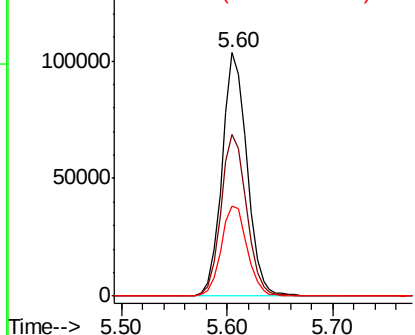
#5

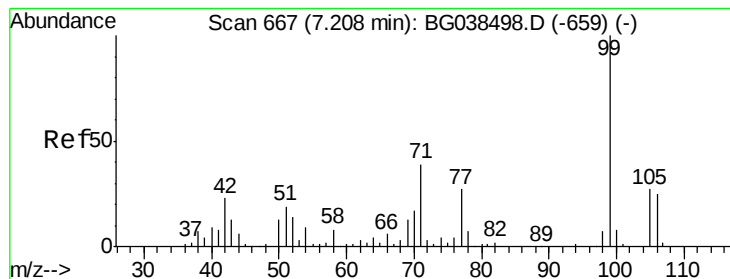
2-Fluorophenol
Concen: 142.300 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

Tgt Ion:112 Resp: 169037
Ion Ratio Lower Upper
112 100
64 66.4 53.4 80.2
63 37.1 29.3 43.9



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: 130.023 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

Instrument :

BNA_G

ClientSampleId :

TP-7

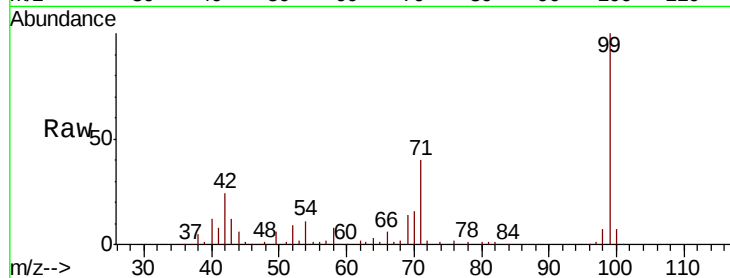
Tgt Ion: 99 Resp: 212034

Ion Ratio Lower Upper

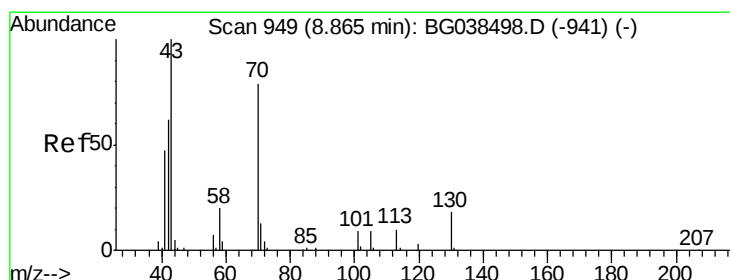
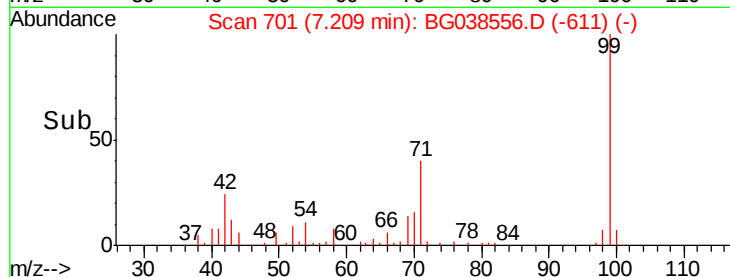
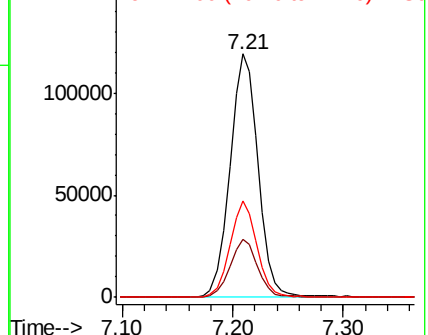
99 100

42 23.8 18.5 27.7

71 39.8 31.1 46.7



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: 19.820 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

Tgt Ion: 70 Resp: 22701

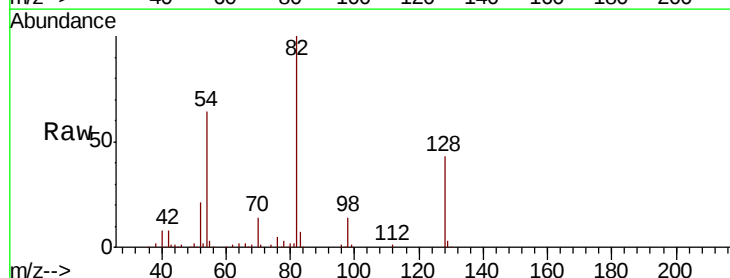
Ion Ratio Lower Upper

70 100

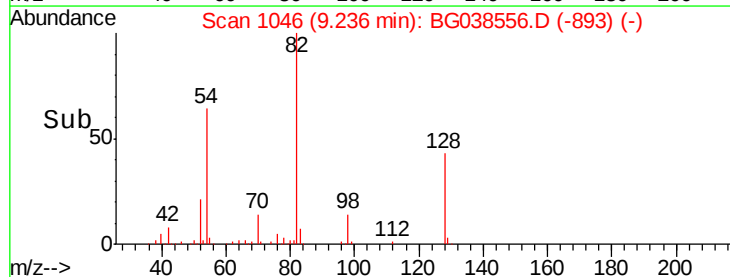
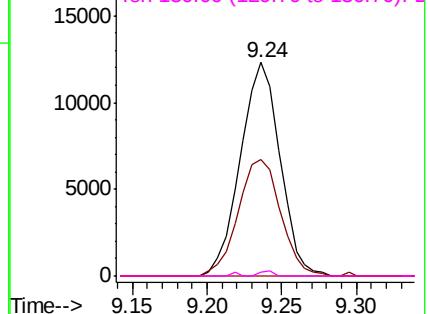
42 54.8 63.6 95.4#

101 0.0 9.2 13.8#

130 1.9 18.5 27.7#



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

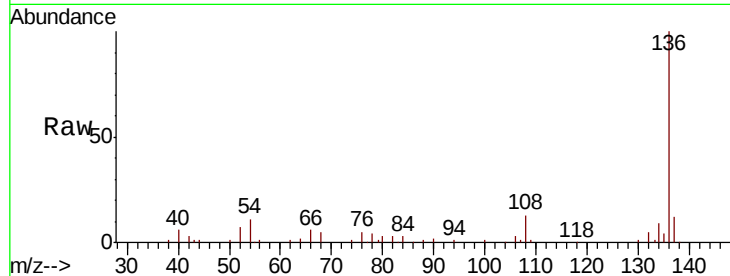




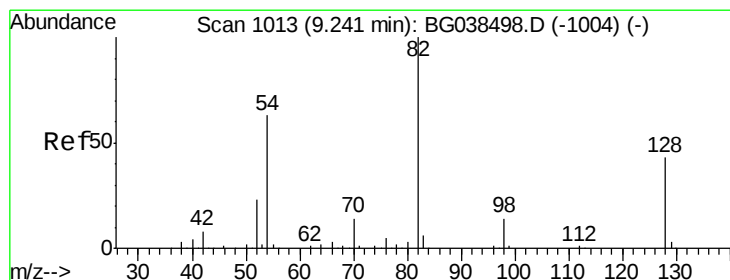
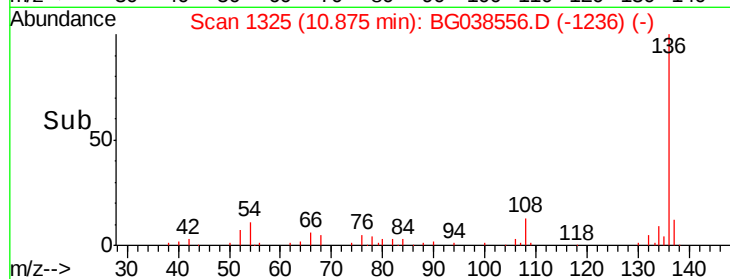
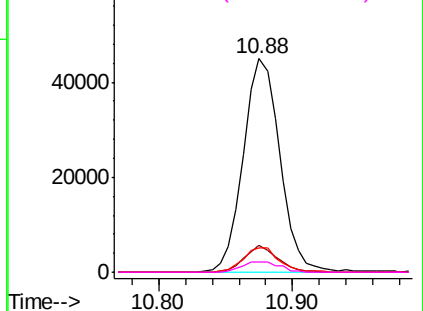
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:	136	Resp:	85566
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.3	13.9
54	11.5	8.5	12.7
68	4.7	3.5	5.3

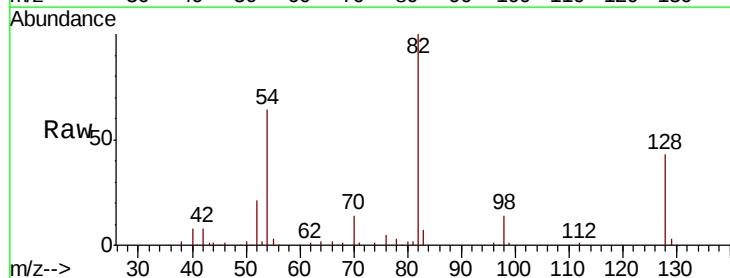


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

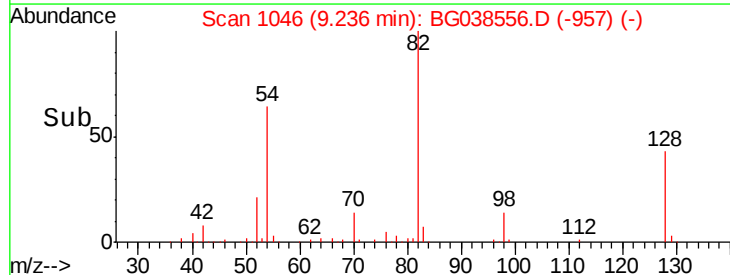
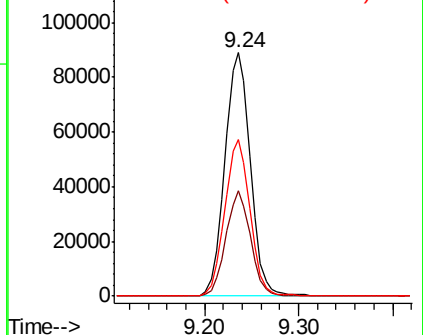


#23
Nitrobenzene-d5
Concen: 100.099 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

Tgt Ion:	82	Resp:	167657
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	64.3	50.6	76.0



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: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

Instrument :

BNA_G

ClientSampleId :

TP-7

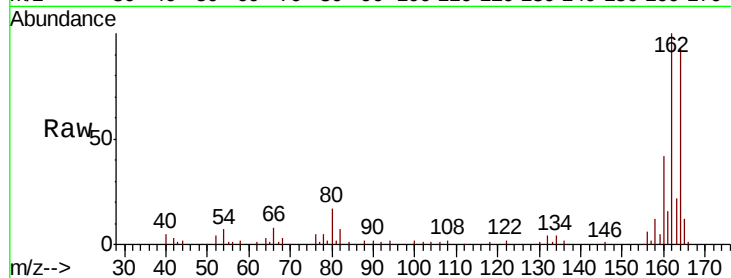
Tgt Ion:164 Resp: 57830

Ion Ratio Lower Upper

164 100

162 108.0 86.6 130.0

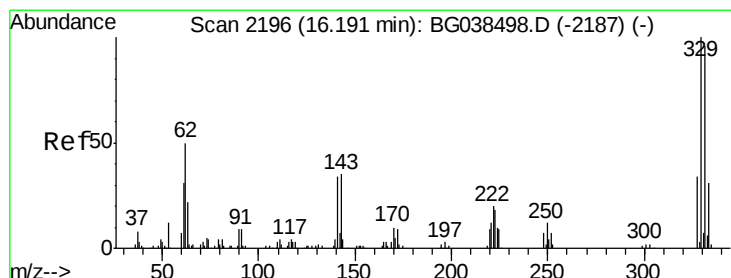
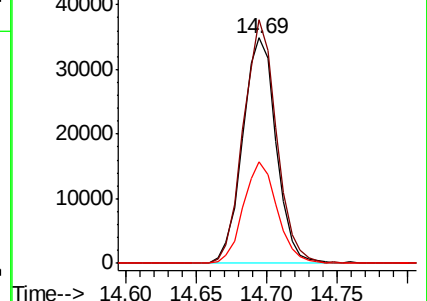
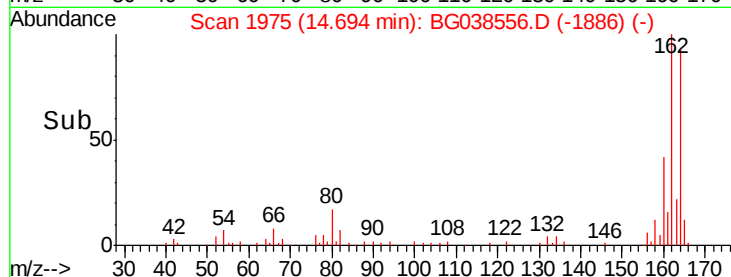
160 44.9 34.2 51.2



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: 155.498 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

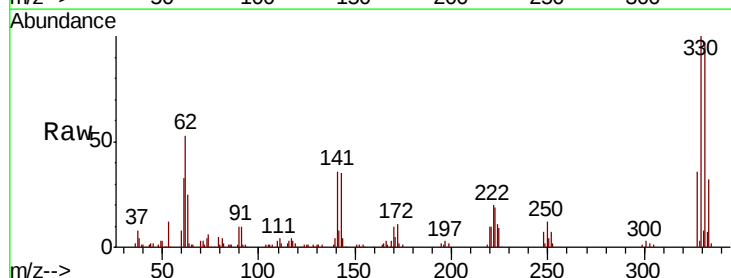
Tgt Ion:330 Resp: 123932

Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

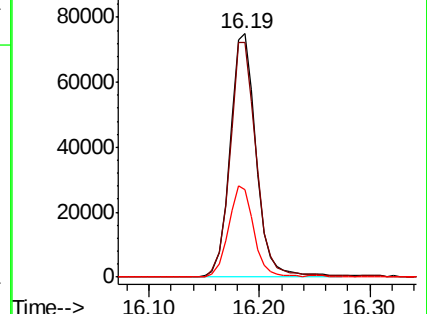
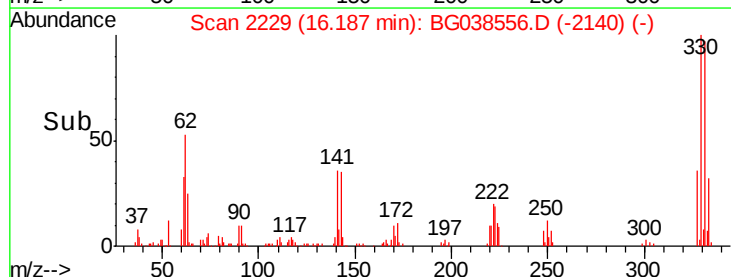
141 36.9 28.8 43.2



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

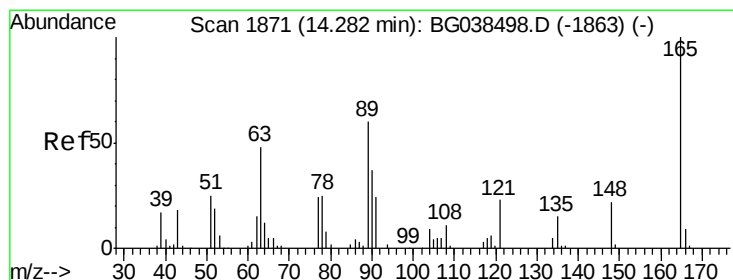
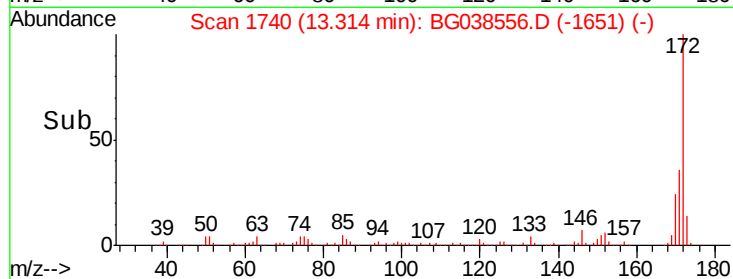
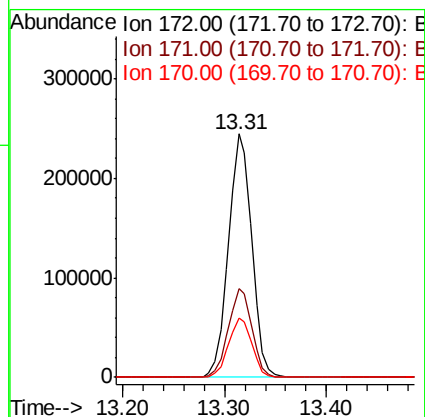
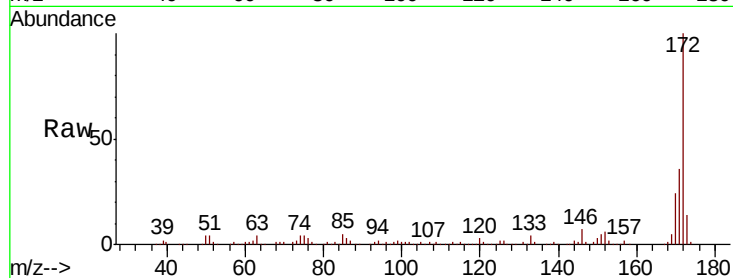




#45
 2-Fluorobiphenyl
 Concen: 92.685 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038556.D
 Acq: 14 Dec 2018 6:31

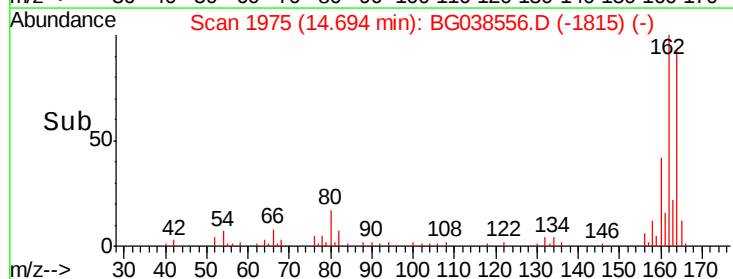
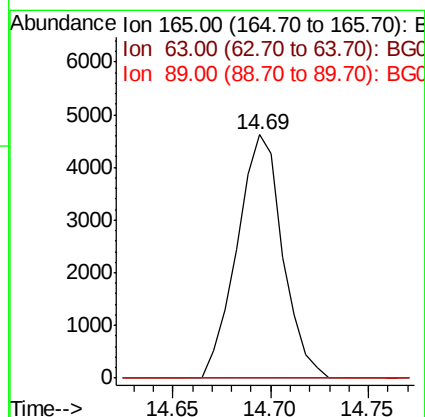
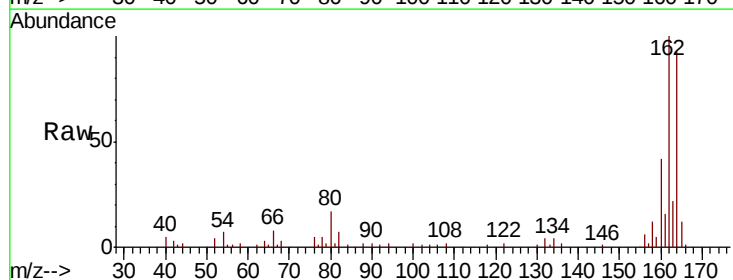
Instrument :
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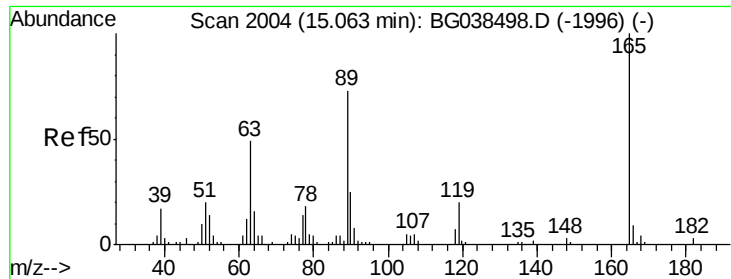
Tgt Ion:172 Resp: 390710
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.8 44.6
 170 24.4 19.5 29.3



#51
 2,6-Dinitrotoluene
 Concen: 6.965 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038556.D
 Acq: 14 Dec 2018 6:31

Tgt Ion:165 Resp: 7454
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 0.0 47.9 71.9#

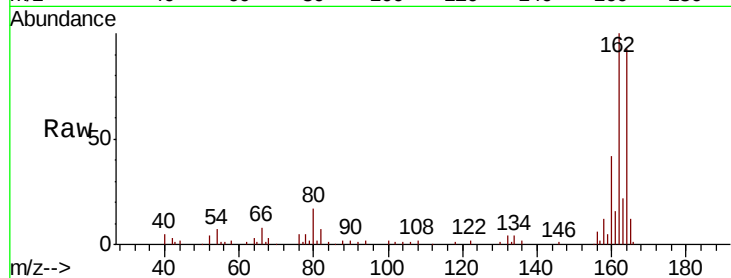




#57
 2,4-Dinitrotoluene
 Concen: 4.945 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038556.D
 Acq: 14 Dec 2018 6:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

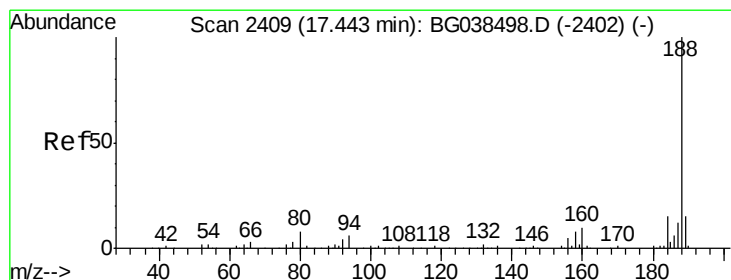
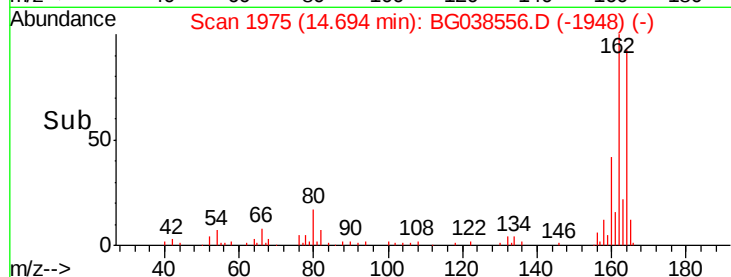
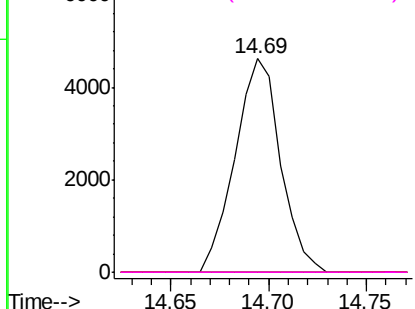


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

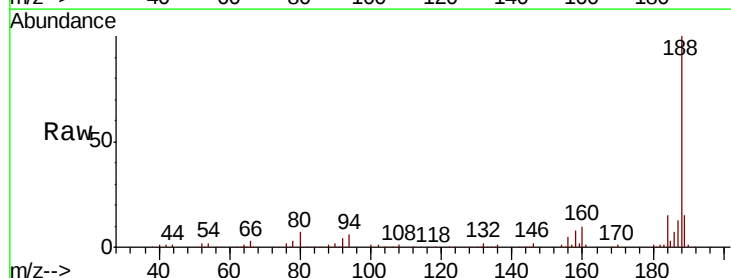
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038556.D
 Acq: 14 Dec 2018 6:31

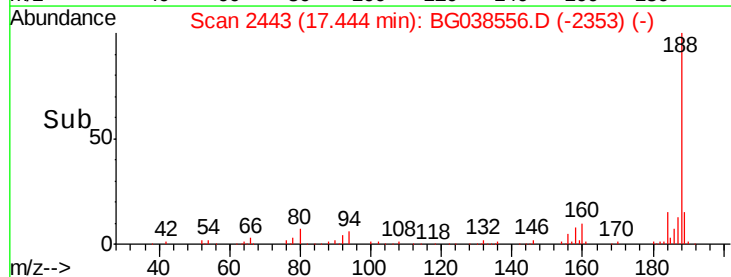
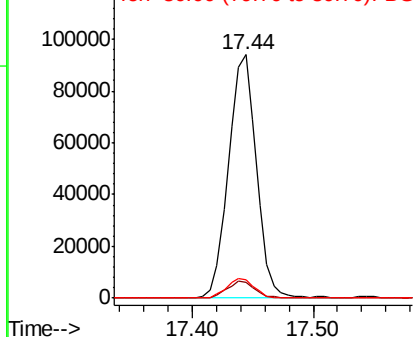
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	7.5	6.1	9.1



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

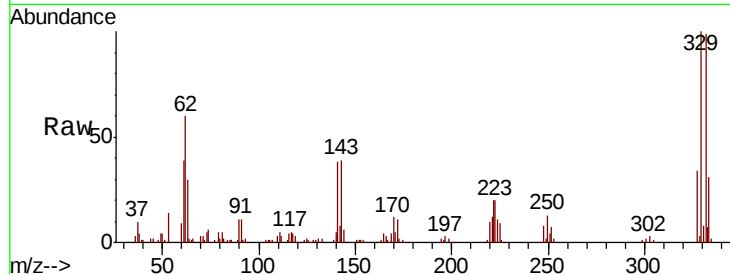




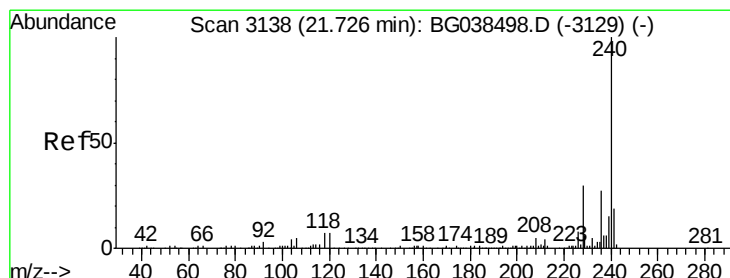
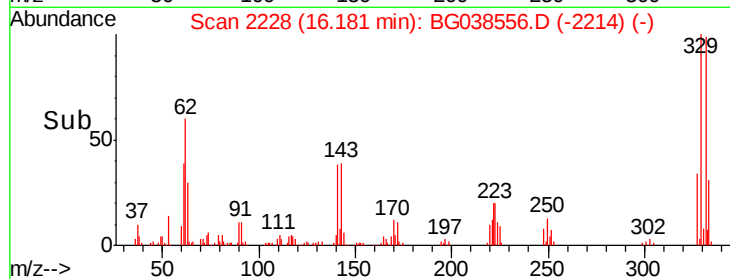
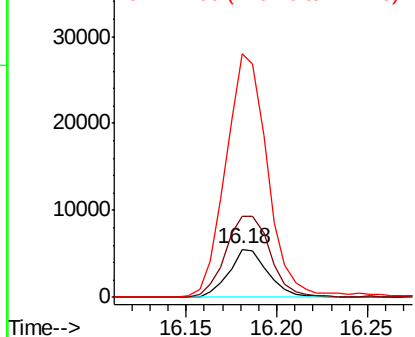
#67
 4-Bromophenyl-phenylether
 Concen: 4.475 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.45 min
 Lab File: BG038556.D
 Acq: 14 Dec 2018 6:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:248 Resp: 8257
 Ion Ratio Lower Upper
 248 100
 250 224.5 73.4 110.2#
 141 509.3 52.9 79.3#

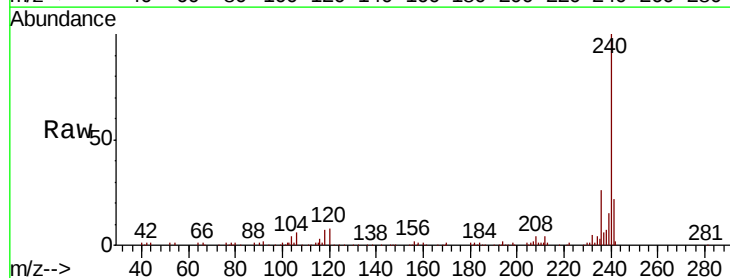


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

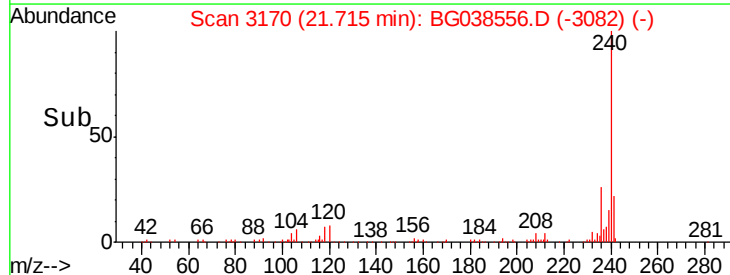
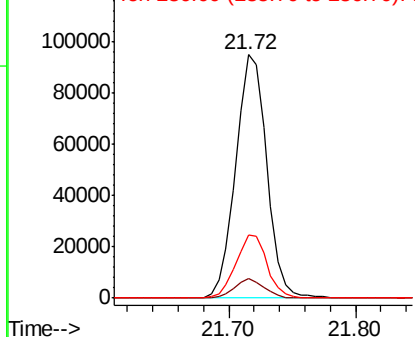


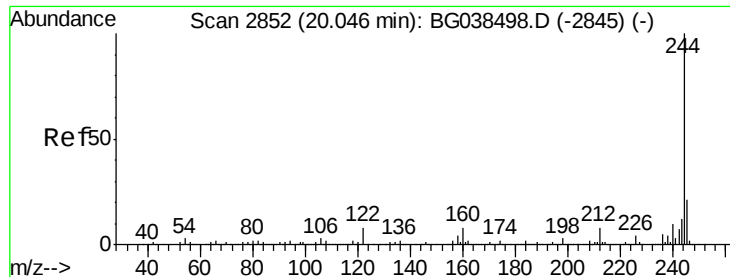
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038556.D
 Acq: 14 Dec 2018 6:31

Tgt Ion:240 Resp: 160985
 Ion Ratio Lower Upper
 240 100
 120 8.1 5.3 7.9#
 236 26.1 21.4 32.2



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: 108.487 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

Instrument :

BNA_G

ClientSampleId :

TP-7

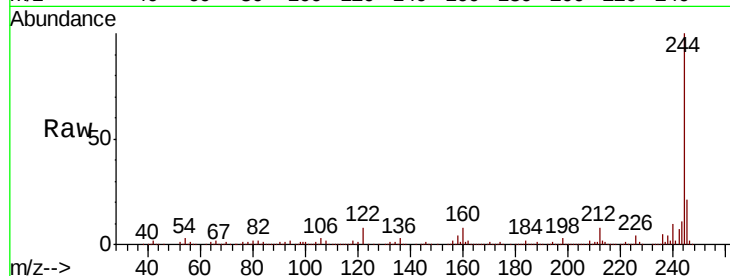
Tgt Ion:244 Resp: 802486

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

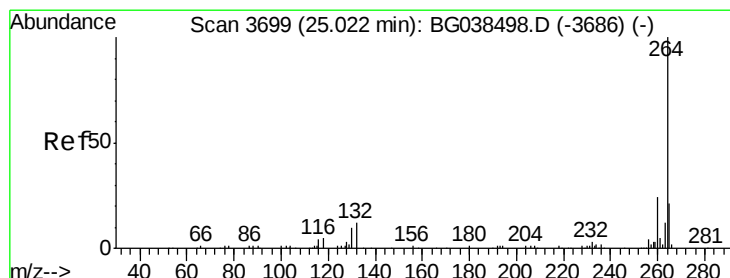
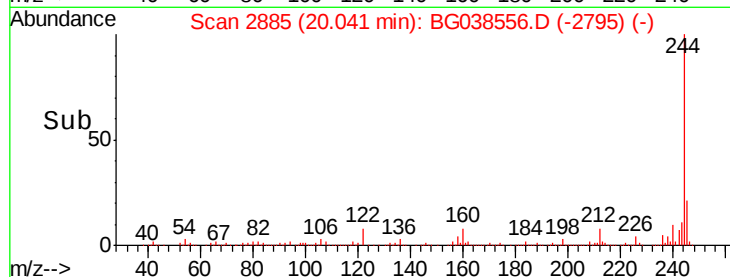
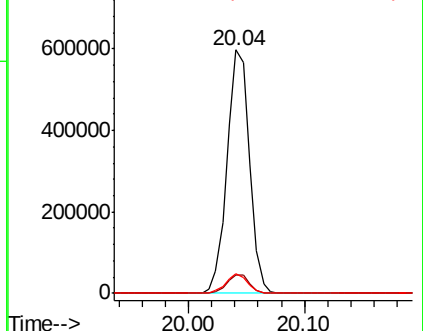
122 8.0 6.3 9.5



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: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

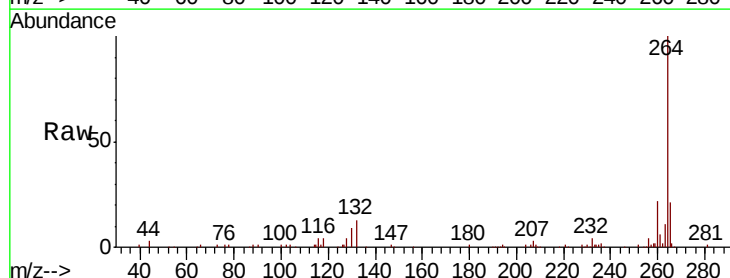
Tgt Ion:264 Resp: 170491

Ion Ratio Lower Upper

264 100

260 22.0 18.9 28.3

265 21.0 17.0 25.4



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

