

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038469.D
 Acq On : 11 Dec 2018 13:20
 Operator : JU/SJ
 Sample : PB115480TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 14:40:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

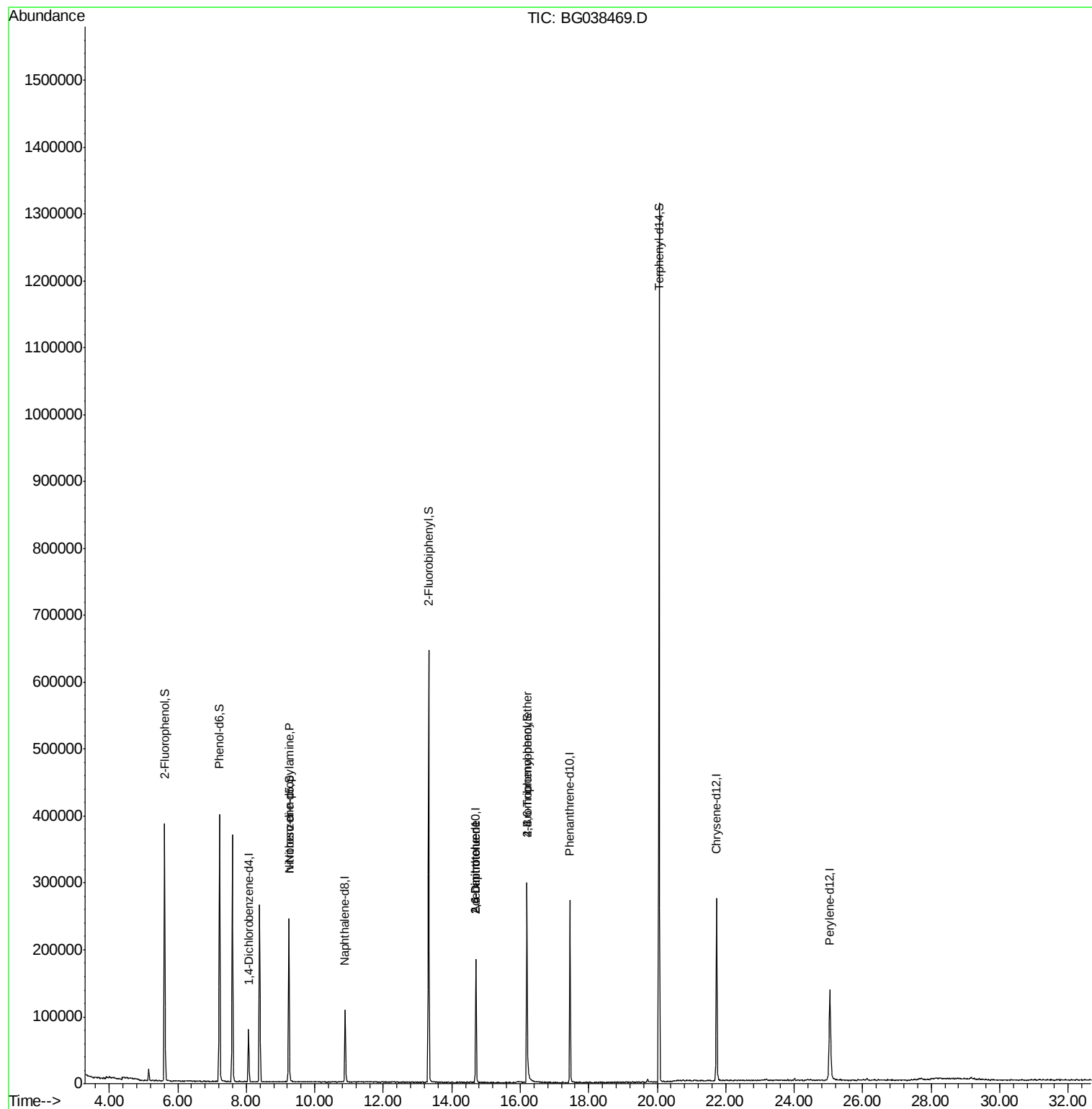
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	22657	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98020	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67007	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	177603	20.00	ng	0.00
76) Chrysene-d12	21.73	240	179608	20.00	ng	-0.01
87) Perylene-d12	25.04	264	179802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	164323	128.35	ng	0.00
7) Phenol-d6	7.22	99	223888	120.99	ng	0.00
23) Nitrobenzene-d5	9.25	82	149413	75.68	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	68496	83.27	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	355557	75.61	ng	0.00
79) Terphenyl-d14	20.06	244	662684	79.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	19740	13.184	ng	# 77
51) 2,6-Dinitrotoluene	14.70	165	8695	7.082	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	8695	5.135	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	4080	2.127	ng	# 1

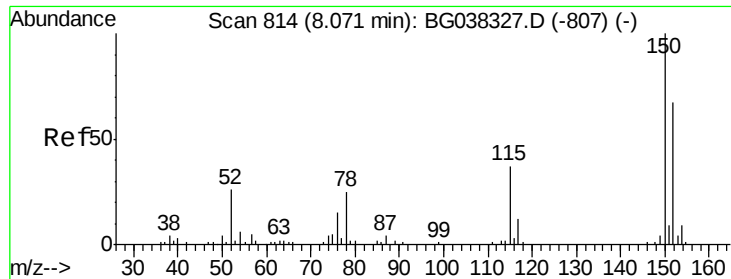
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB115480TB
Misc :
ALS Vial : 29 Sample Multiplier: 1

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BNA_G
ClientSampleId :

Quant Time: Dec 11 14:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



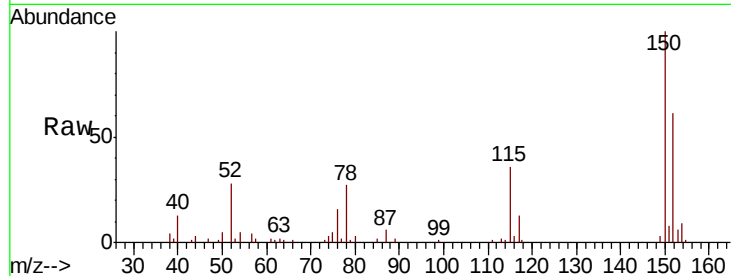


#1

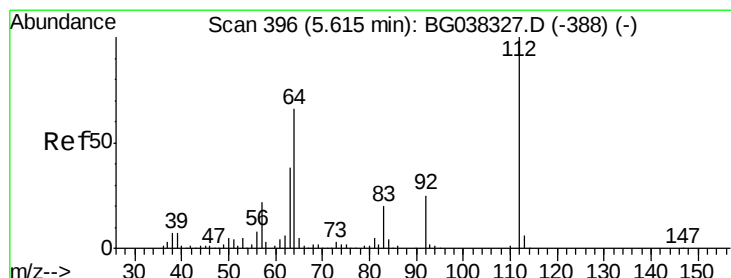
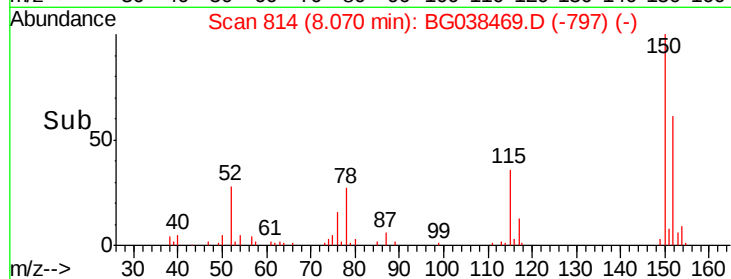
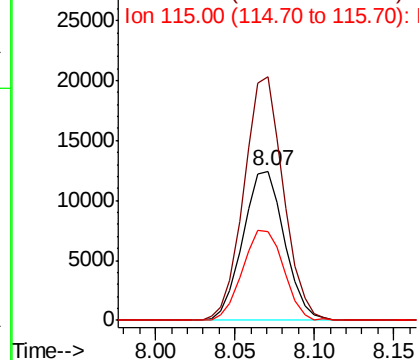
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038469.D
Acq: 11 Dec 2018 13:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 22657
Ion Ratio Lower Upper
152 100
150 163.3 126.0 189.0
115 59.5 45.5 68.3



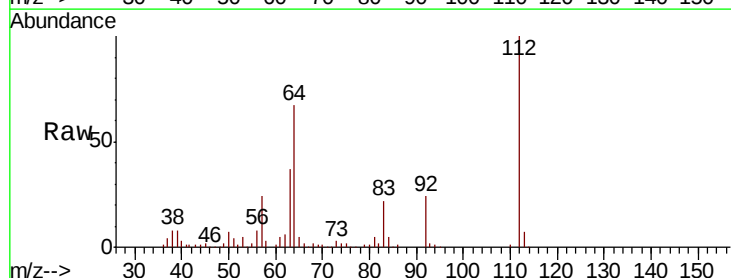
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



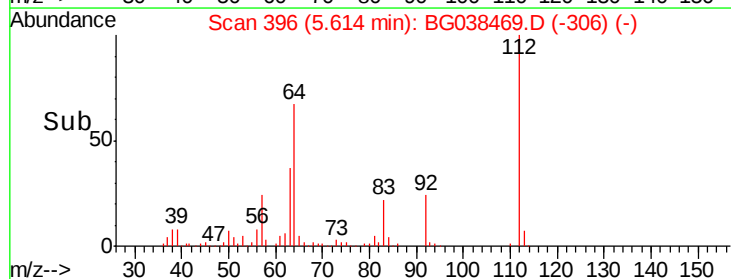
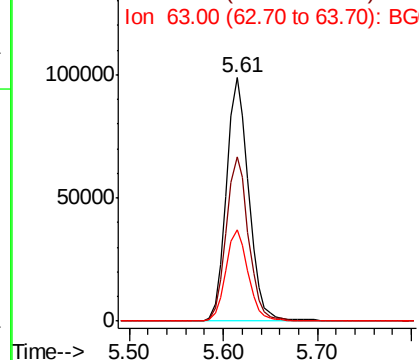
#5

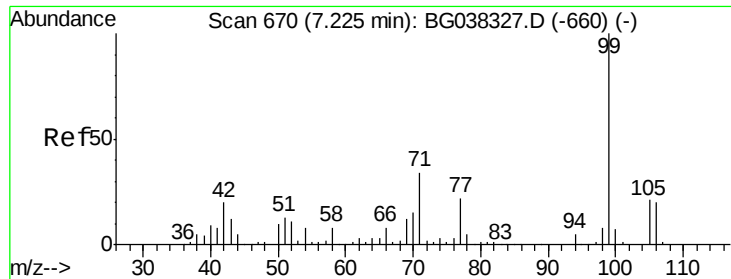
2-Fluorophenol
Concen: 128.346 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038469.D
Acq: 11 Dec 2018 13:20

Tgt Ion:112 Resp: 164323
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 37.4 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: 120.989 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038469.D

Acq: 11 Dec 2018 13:20

Instrument :

BNA_G

ClientSampleId :

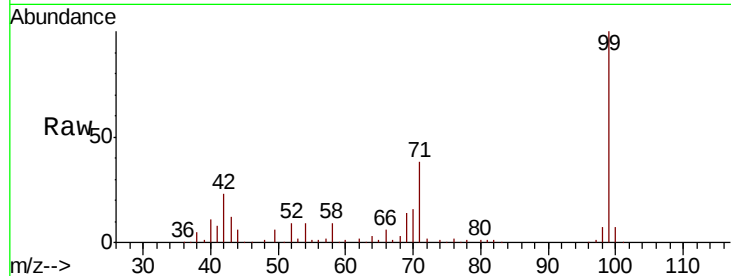
Tot Ion: 99 Resp: 223888

Ion Ratio Lower Upper

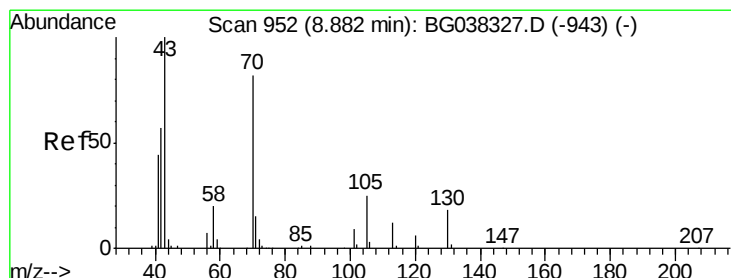
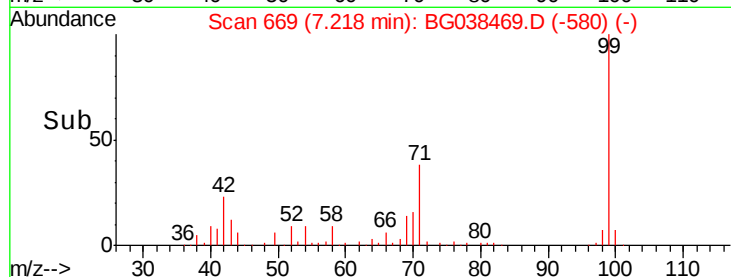
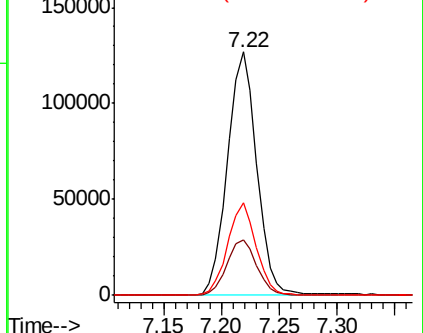
99 100

42 22.8 15.0 22.4#

71 38.0 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: 13.184 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038469.D

Acq: 11 Dec 2018 13:20

Tgt Ion: 70 Resp: 19740

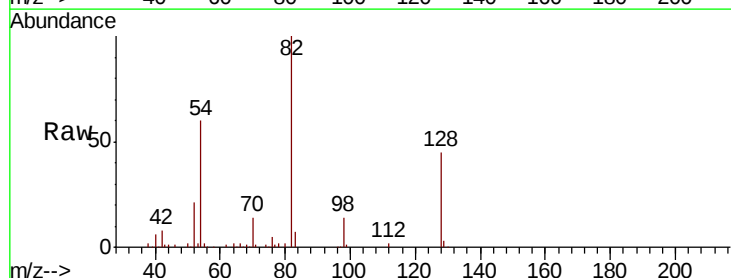
Ion Ratio Lower Upper

70 100

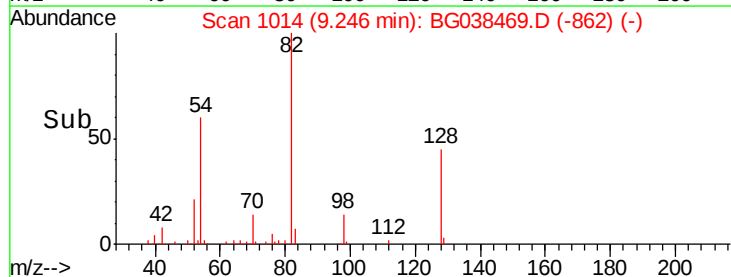
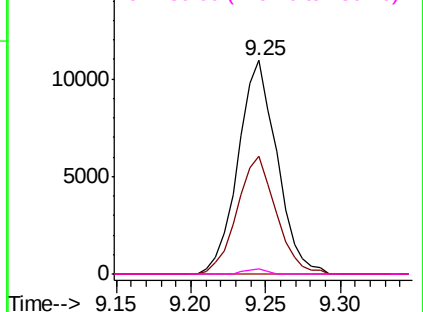
42 54.9 53.9 80.9

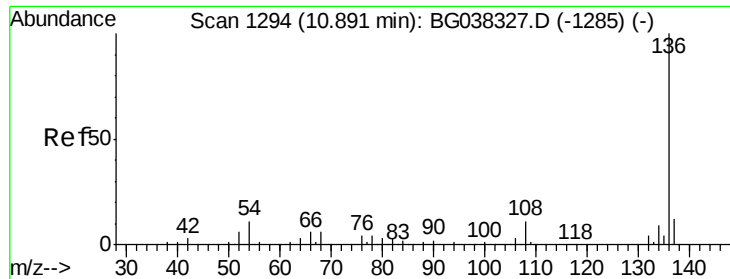
101 0.0 8.2 12.2#

130 2.2 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

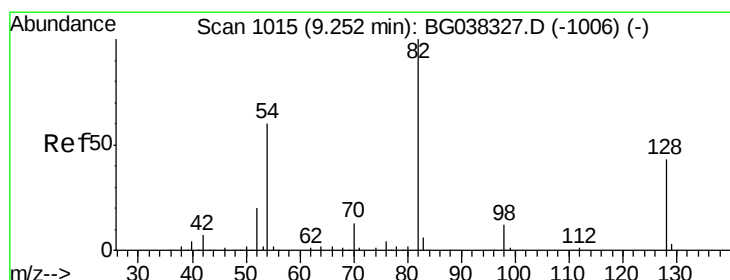
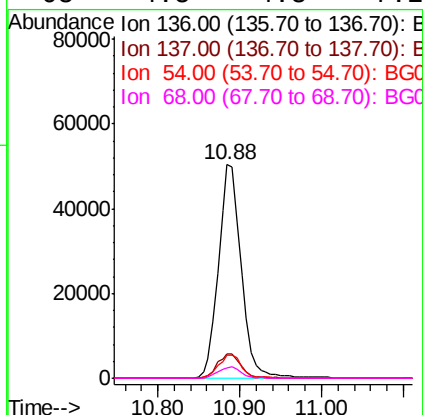
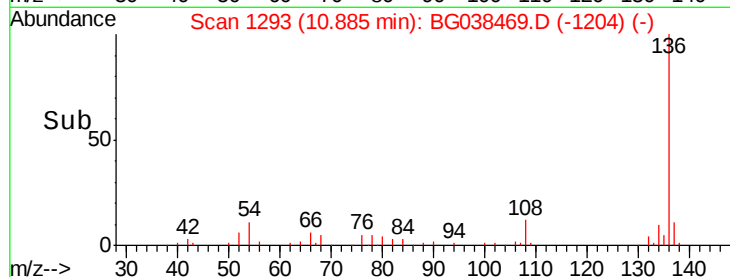
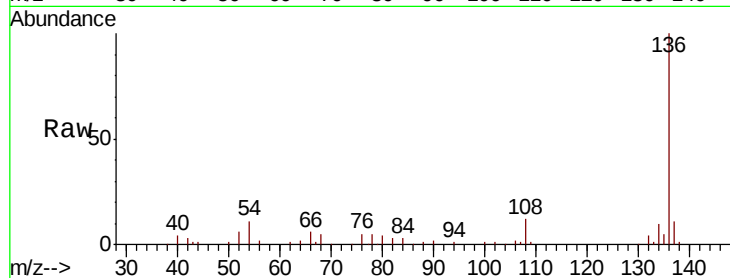




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038469.D
Acq: 11 Dec 2018 13:20

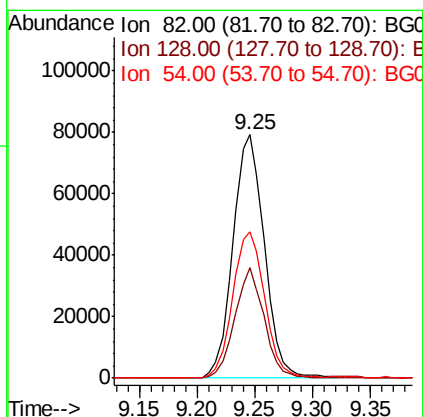
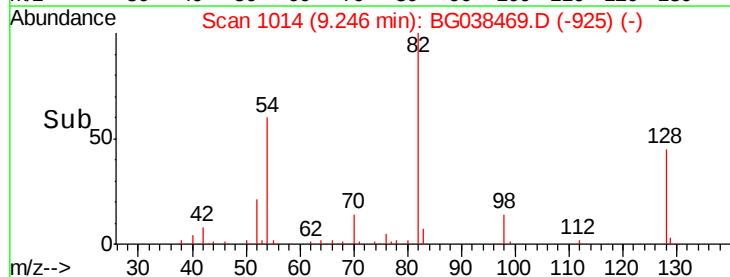
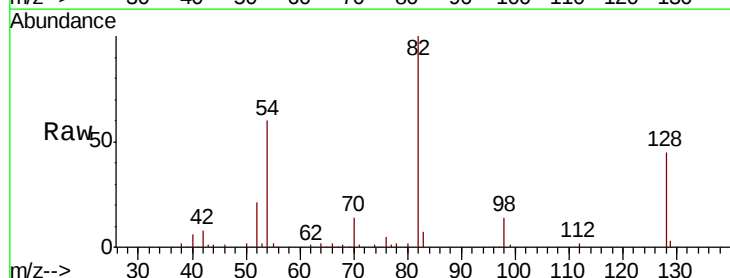
Instrument :
BNA_G
ClientSampleId :

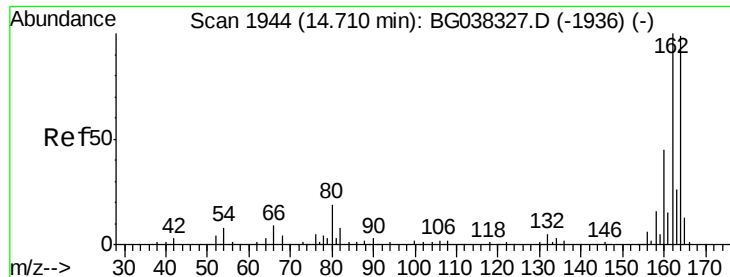
Tot Ion:136	Resp:	98020
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.6 14.4
54	10.5	7.9 11.9
68	4.5	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 75.679 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038469.D
Acq: 11 Dec 2018 13:20

Tgt Ion: 82	Resp:	149413
Ion	Ratio	Lower Upper
82	100	
128	45.4	34.6 51.8
54	60.3	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038469.D

Acq: 11 Dec 2018 13:20

Instrument :

BNA_G

ClientSampleId :

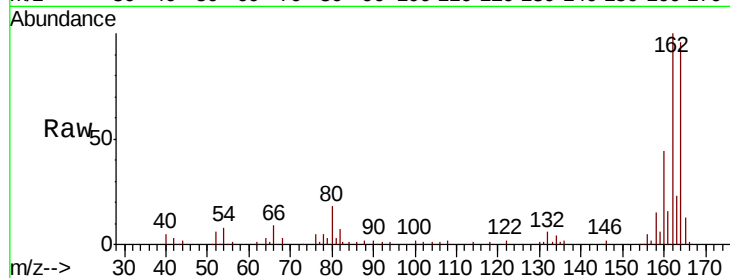
Tot Ion:164 Resp: 67007

Ion Ratio Lower Upper

164 100

162 104.5 81.3 121.9

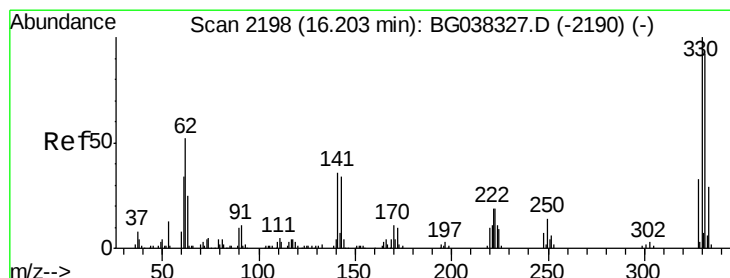
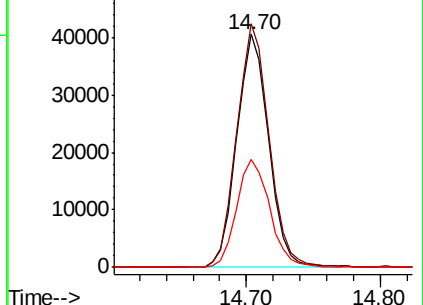
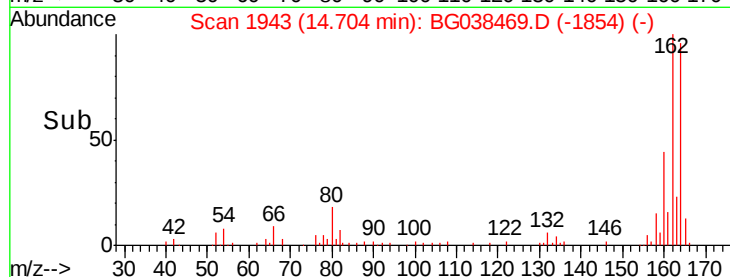
160 46.1 36.3 54.5



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: 83.268 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038469.D

Acq: 11 Dec 2018 13:20

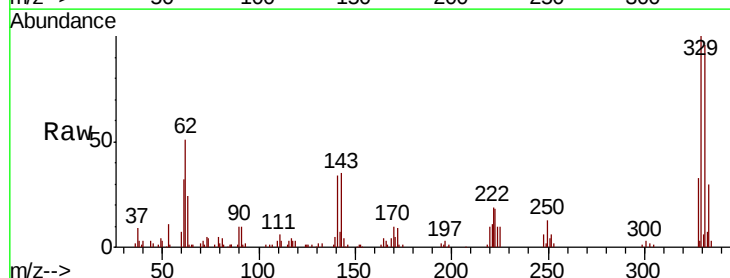
Tgt Ion:330 Resp: 68496

Ion Ratio Lower Upper

330 100

332 93.2 78.4 117.6

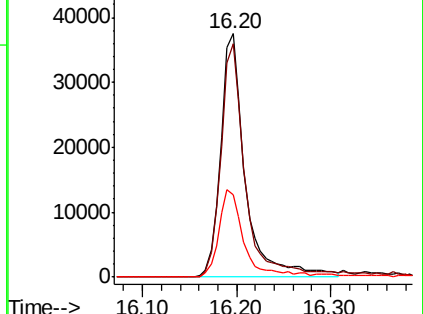
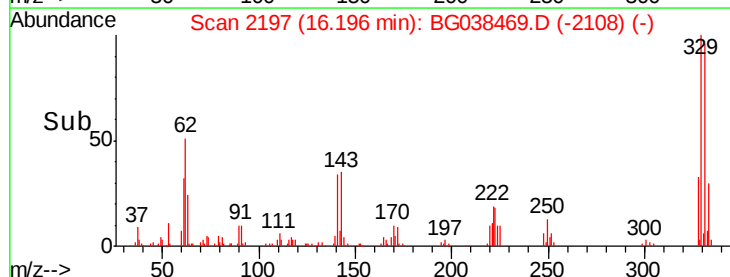
141 36.6 32.2 48.2

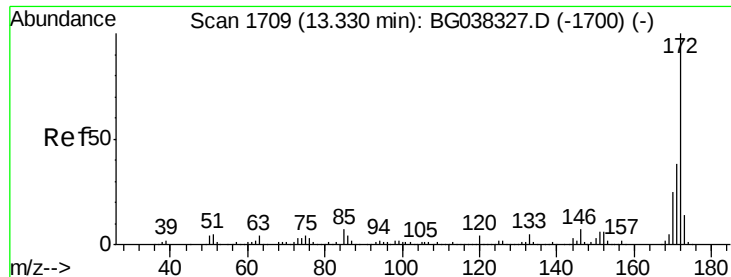


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

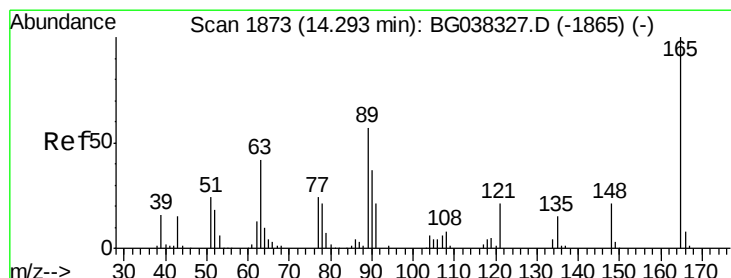
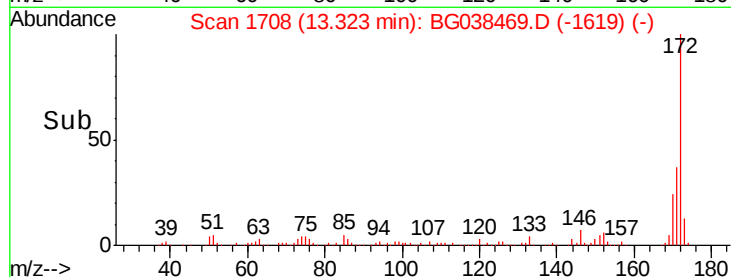
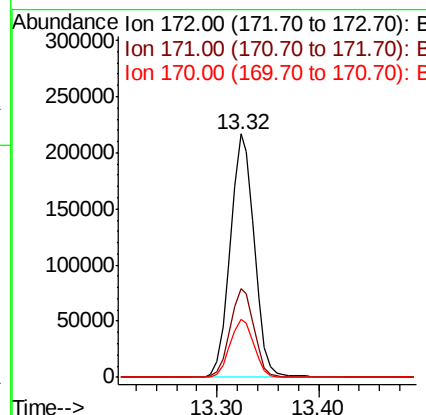
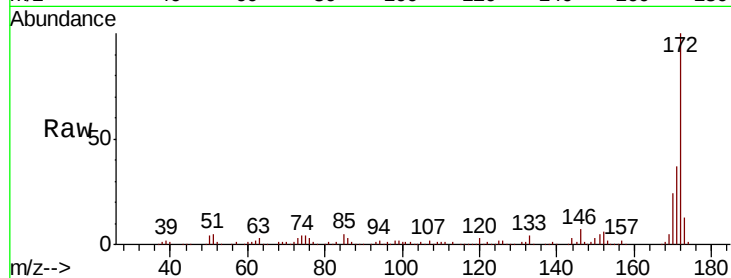




#45
 2-Fluorobiphenyl
 Concen: 75.610 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038469.D
 Acq: 11 Dec 2018 13:20

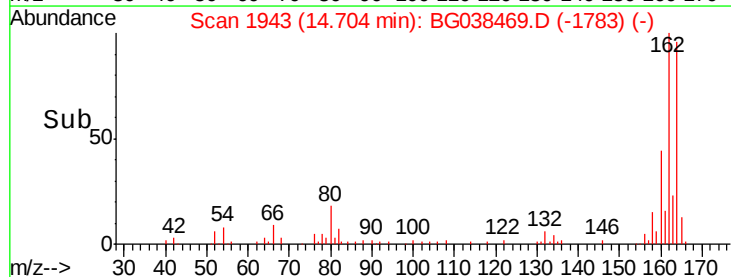
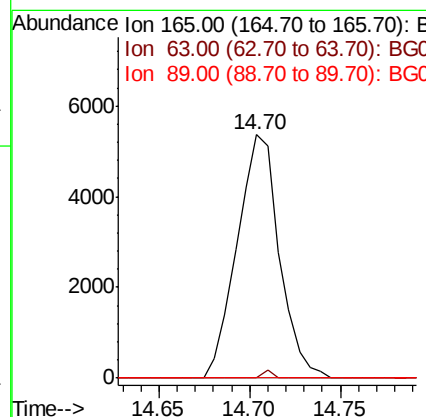
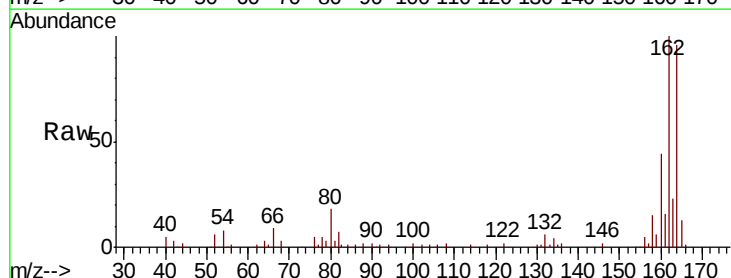
Instrument :
 BNA_G
 ClientSampleId :

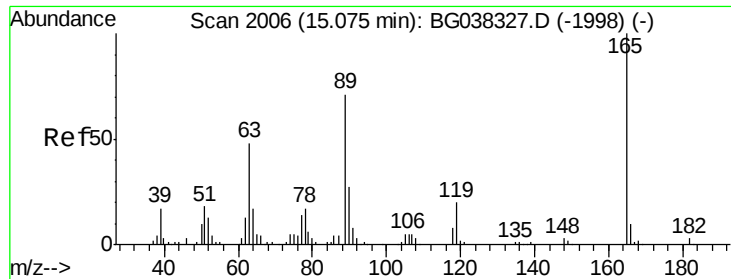
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.0	46.4
170	23.8	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.082 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038469.D
 Acq: 11 Dec 2018 13:20

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

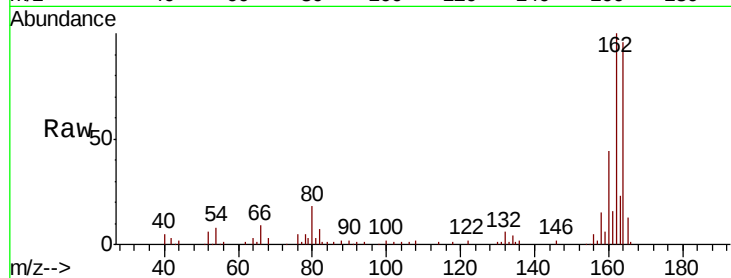




#57
 2,4-Dinitrotoluene
 Concen: 5.135 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038469.D
 Acq: 11 Dec 2018 13:20

Instrument :
 BNA_G
 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#



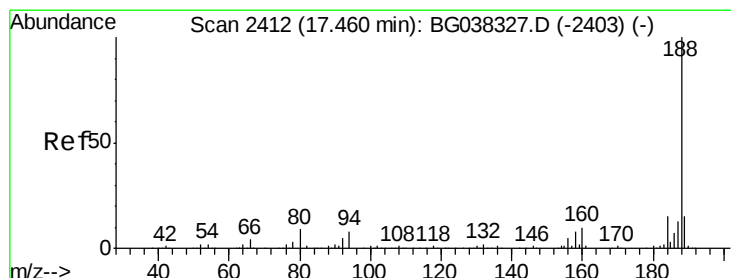
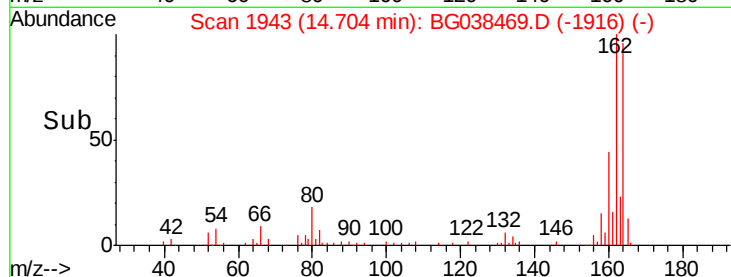
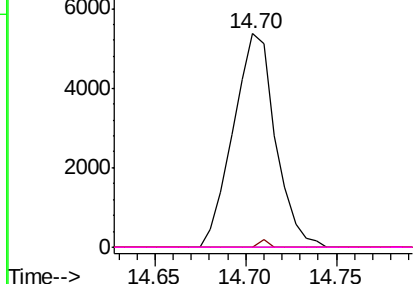
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

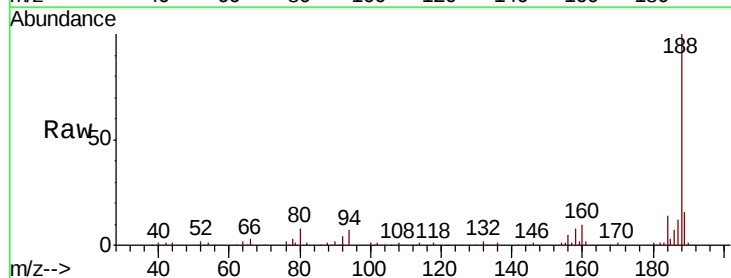
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038469.D
 Acq: 11 Dec 2018 13:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.2	10.8
80	7.7	7.7	11.5

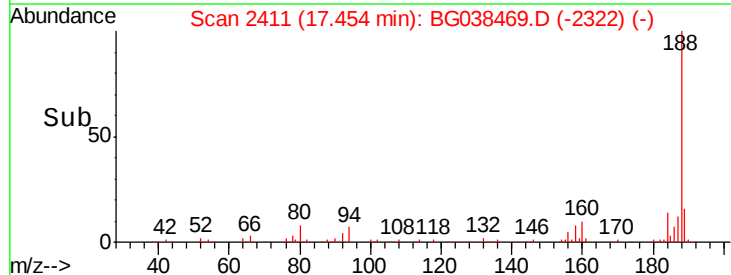
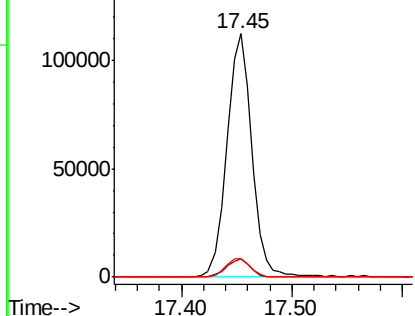


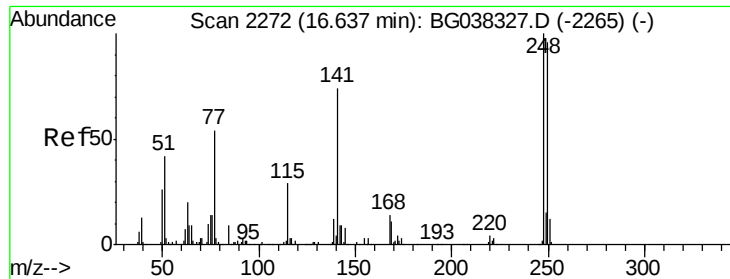
Abundance

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

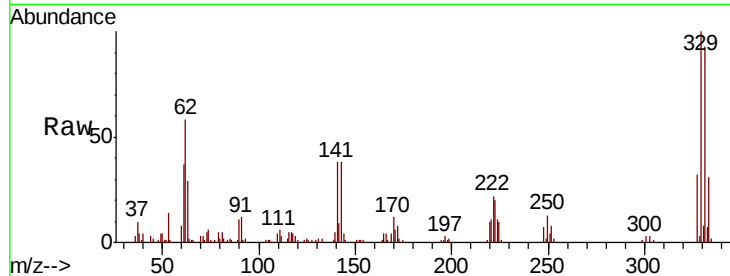




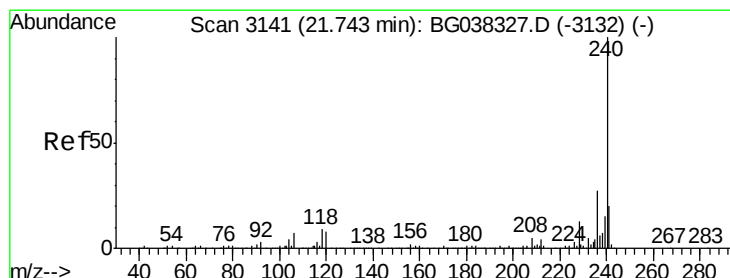
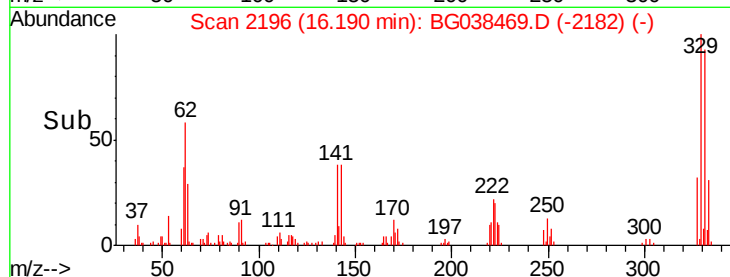
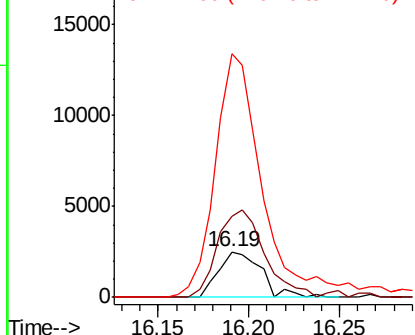
#67
 4-Bromophenyl-phenylether
 Concen: 2.127 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.45 min
 Lab File: BG038469.D
 Acq: 11 Dec 2018 13:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	181.9	77.0	115.6#
141	408.3	55.5	83.3#

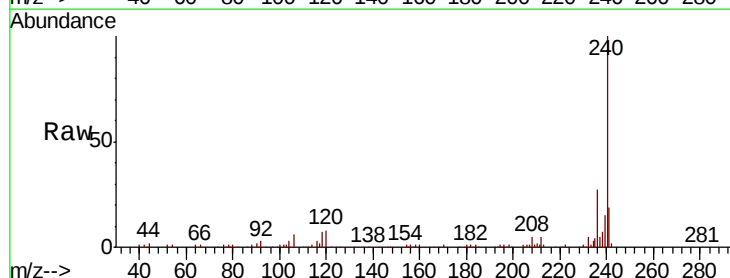


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

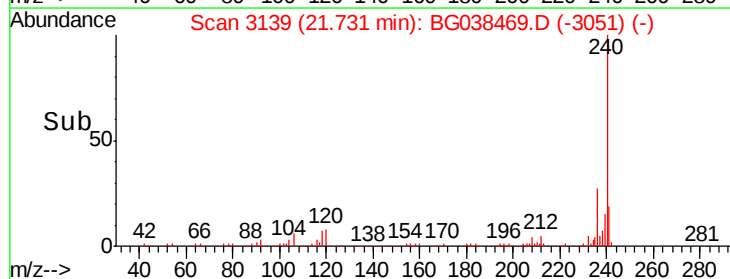
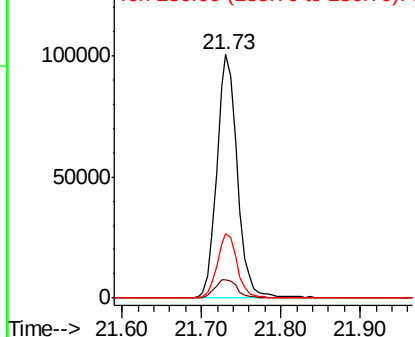


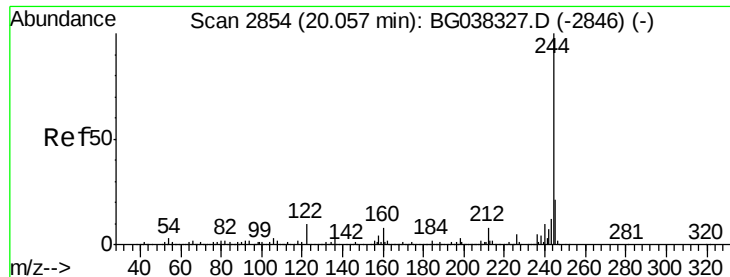
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038469.D
 Acq: 11 Dec 2018 13:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.1	12.1#
236	26.6	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: 79.041 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038469.D

Acq: 11 Dec 2018 13:20

Instrument :

BNA_G

ClientSampleId :

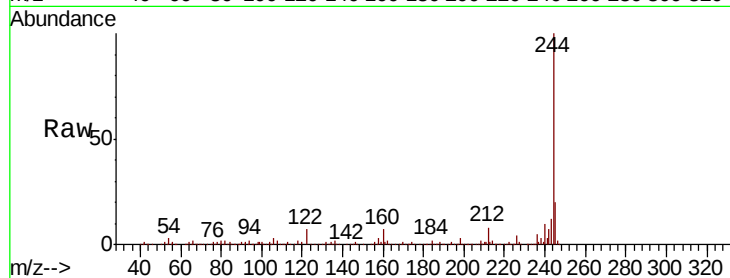
Tot Ion:244 Resp: 662684

Ion Ratio Lower Upper

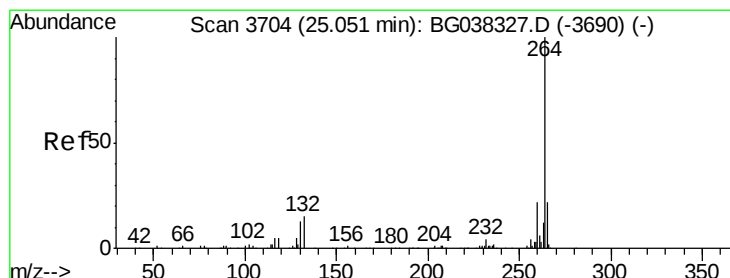
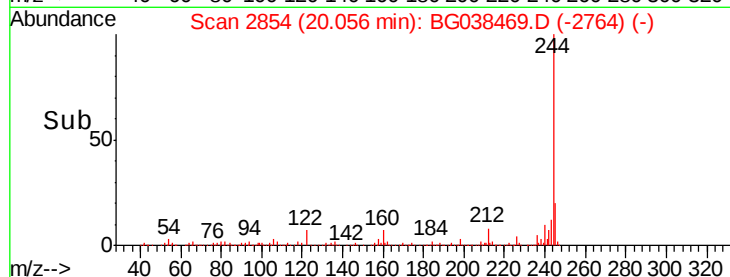
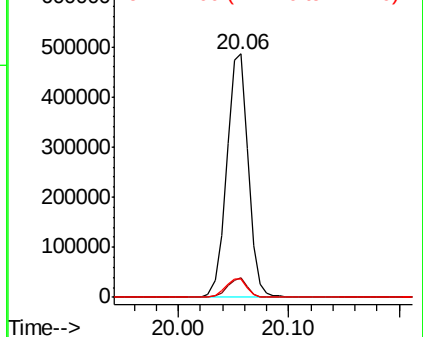
244 100

212 8.0 6.5 9.7

122 7.3 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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038469.D

Acq: 11 Dec 2018 13:20

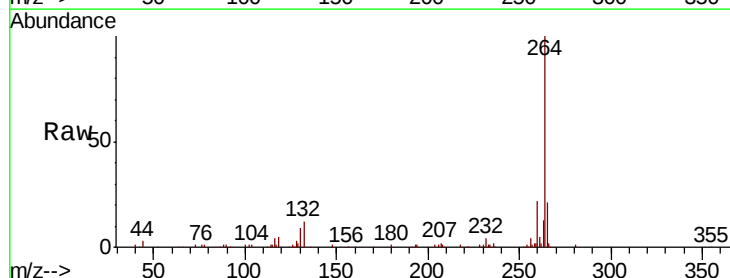
Tgt Ion:264 Resp: 179802

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 21.2 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

