

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038485.D
 Acq On : 12 Dec 2018 1:13
 Operator : JU/SJ
 Sample : PB115573BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BL

Quant Time: Dec 12 03:19:25 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

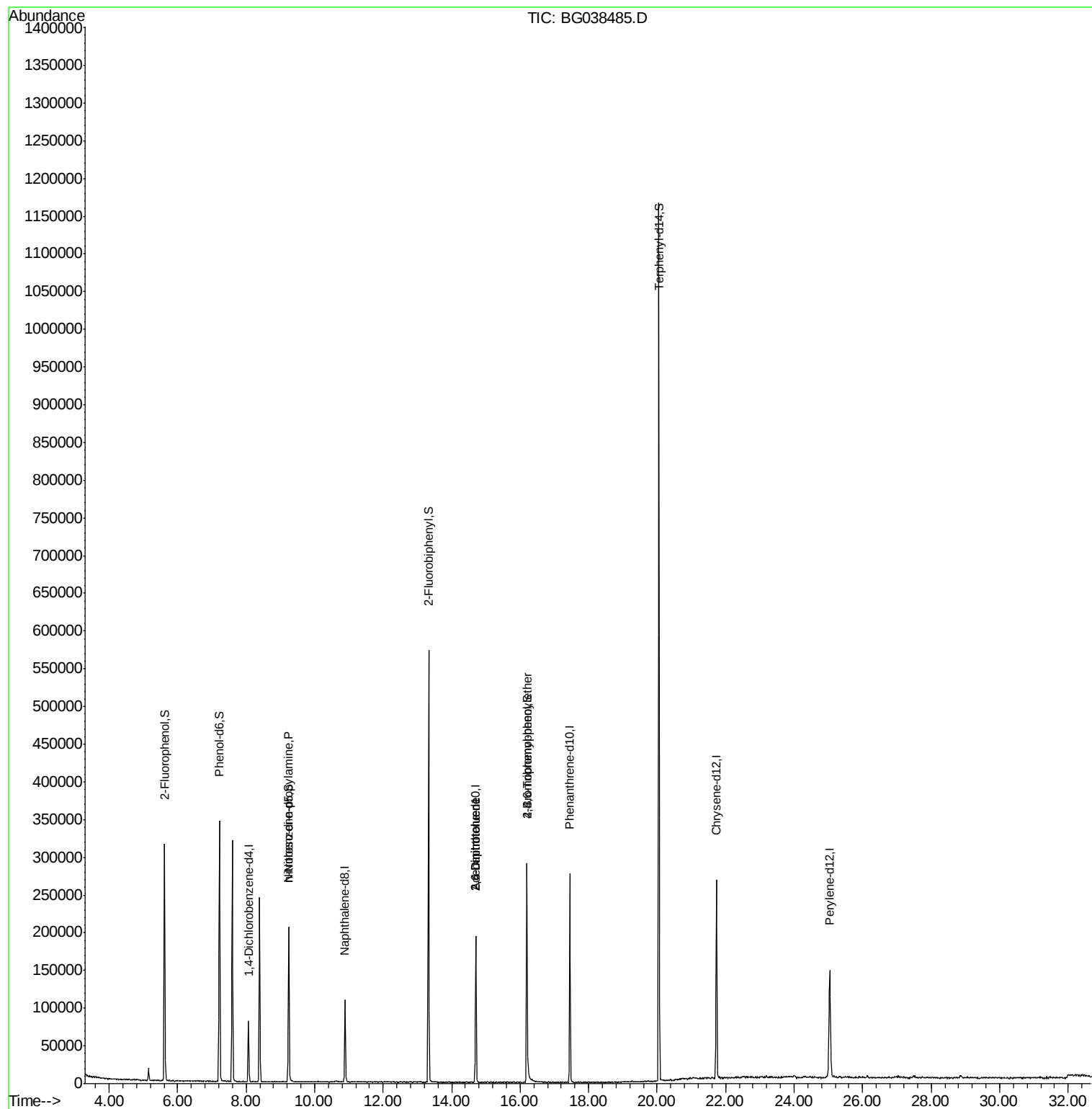
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23120	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	101853	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	72117	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	181271	20.00	ng	0.00
76) Chrysene-d12	21.73	240	173846	20.00	ng	0.00
87) Perylene-d12	25.04	264	180090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	140202	107.31	ng	0.00
7) Phenol-d6	7.22	99	196528	104.08	ng	0.00
23) Nitrobenzene-d5	9.24	82	125351	61.10	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	69803	78.84	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	317425	62.72	ng	0.00
79) Terphenyl-d14	20.05	244	578480	71.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	16825	10.646	ng	# 77
51) 2,6-Dinitrotoluene	14.71	165	9241	6.994	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	9241	5.071	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	4433	2.265	ng	# 1

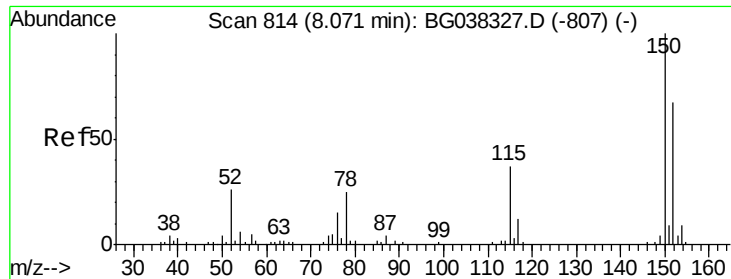
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Dec 12 03:19:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
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QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



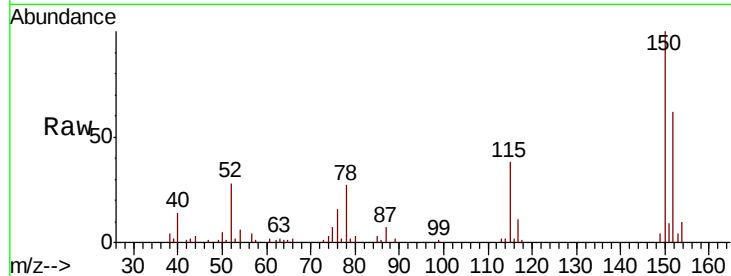


#1

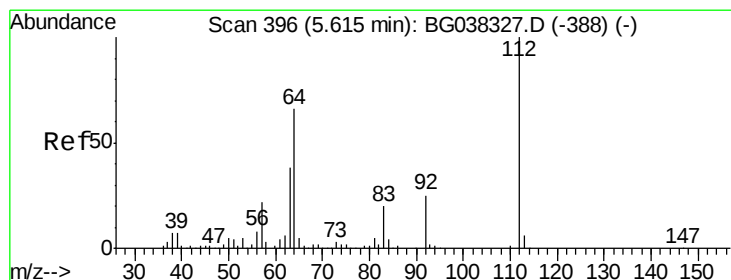
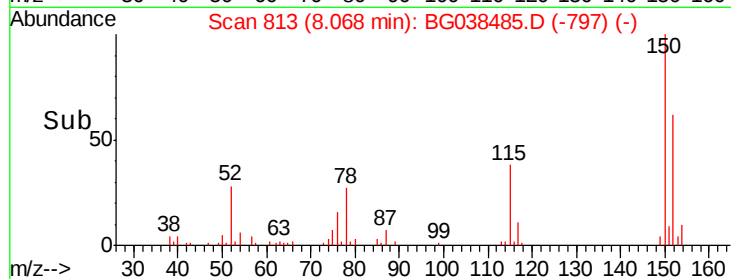
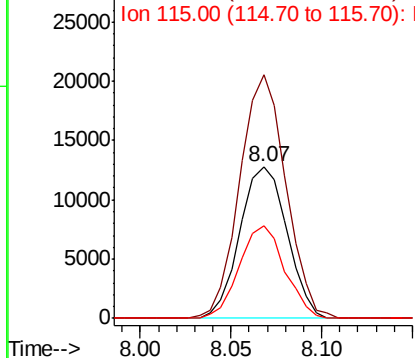
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038485.D
Acq: 12 Dec 2018 1:13

Instrument :
BNA_G
ClientSampleId :
PB115573BL

Tgt Ion:152 Resp: 23120
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 60.8 45.5 68.3



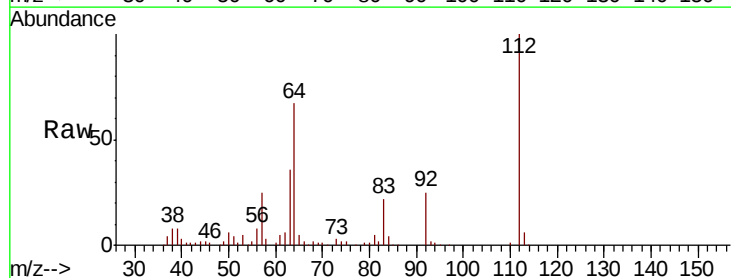
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



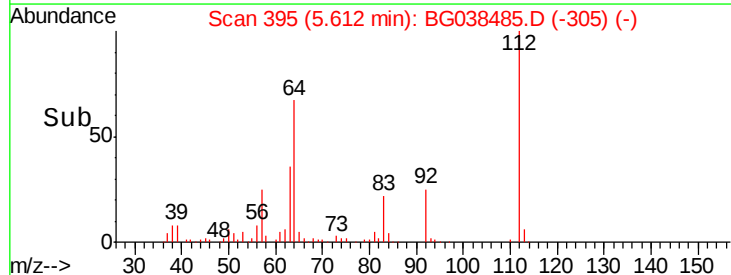
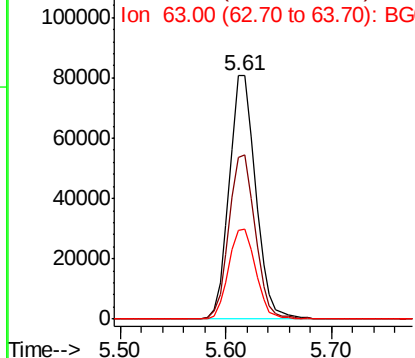
#5

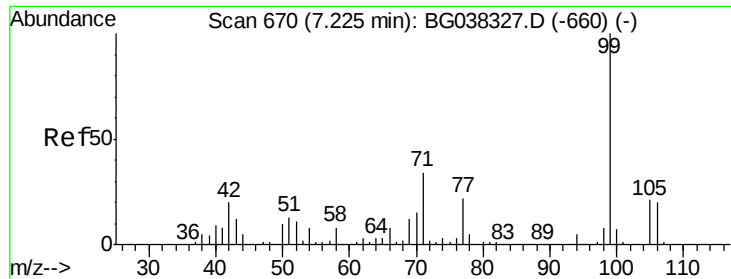
2-Fluorophenol
Concen: 107.313 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG038485.D
Acq: 12 Dec 2018 1:13

Tgt Ion:112 Resp: 140202
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 36.4 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: 104.077 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB115573BL

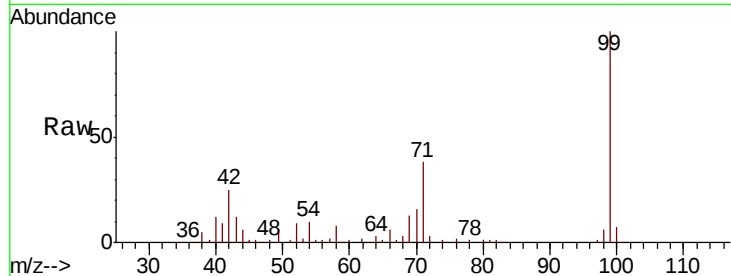
Tgt Ion: 99 Resp: 196528

Ion Ratio Lower Upper

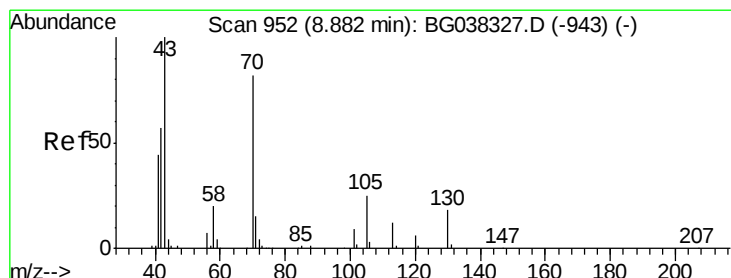
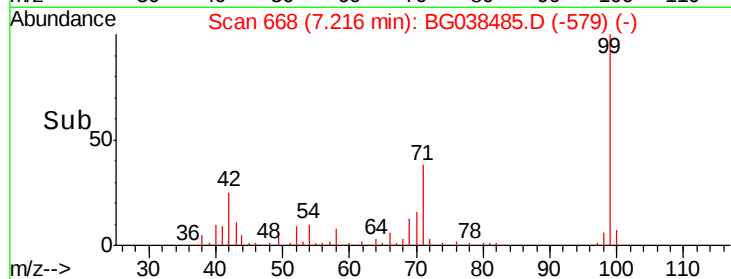
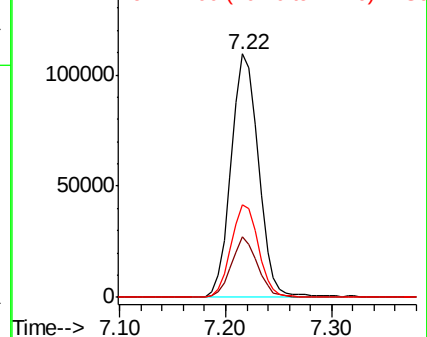
99 100

42 24.8 15.0 22.4#

71 37.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.646 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.36 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

Tgt Ion: 70 Resp: 16825

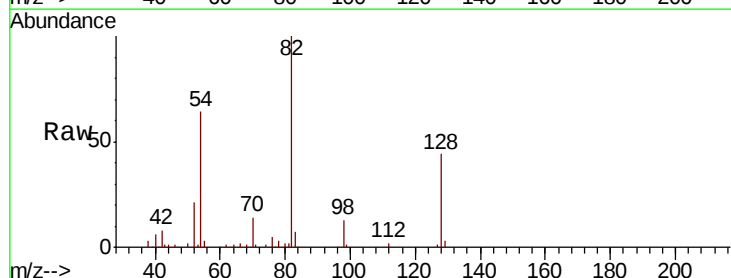
Ion Ratio Lower Upper

70 100

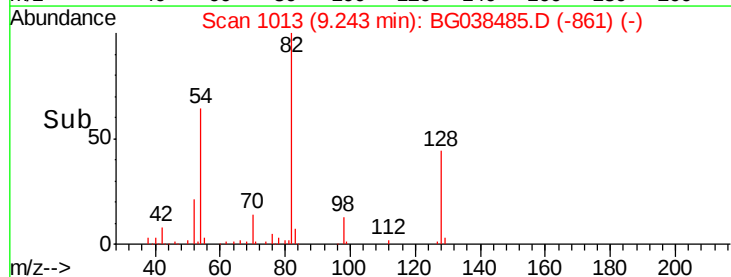
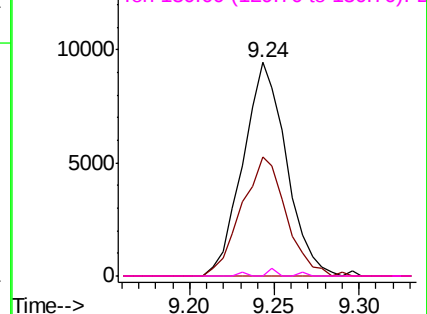
42 55.9 53.9 80.9

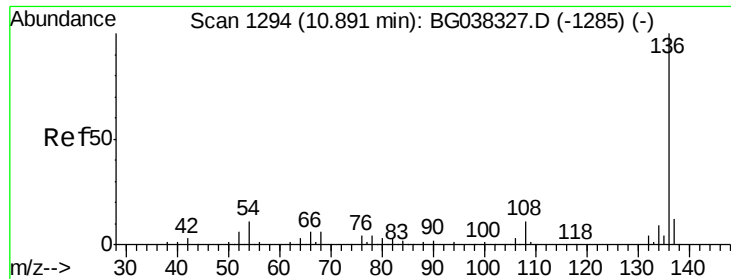
101 0.0 8.2 12.2#

130 0.0 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

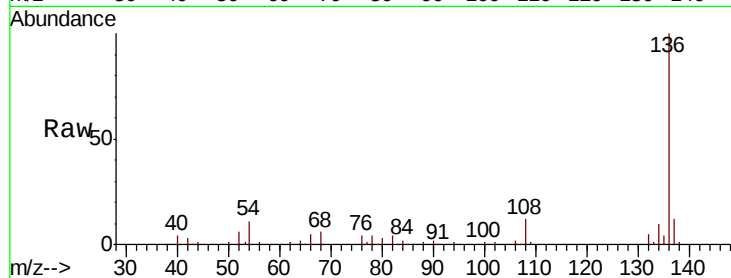




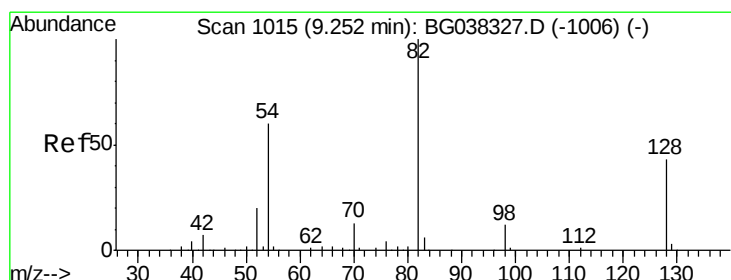
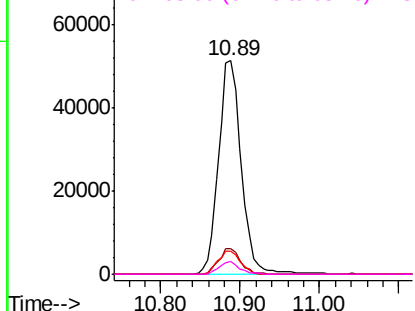
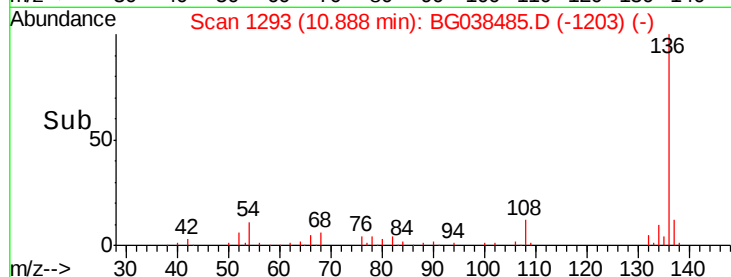
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038485.D
Acq: 12 Dec 2018 1:13

Instrument :
BNA_G
ClientSampleId :
PB115573BL

Tgt Ion:	136	Resp:	101853
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	10.8	7.9	11.9
68	6.2	4.8	7.2

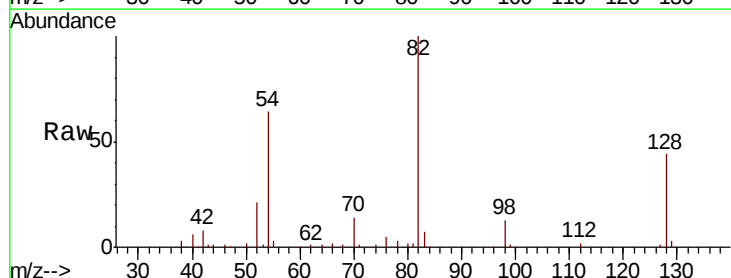


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

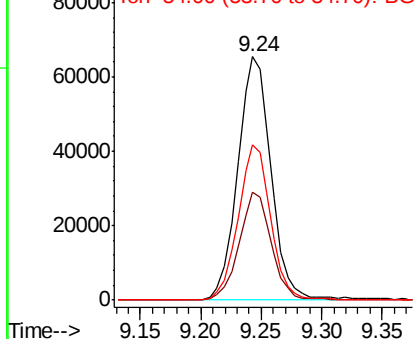
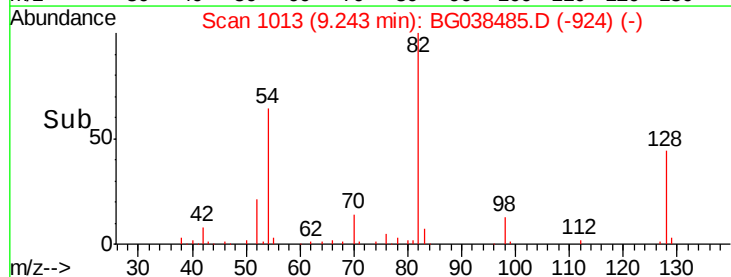


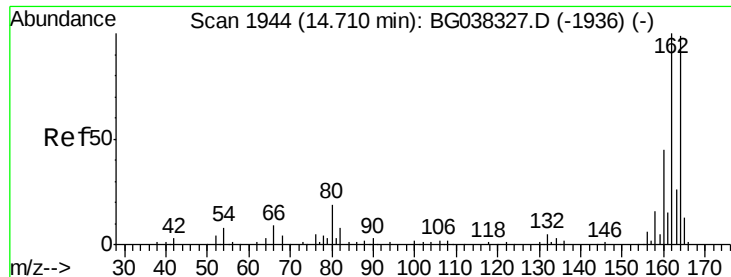
#23
Nitrobenzene-d5
Concen: 61.102 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG038485.D
Acq: 12 Dec 2018 1:13

Tgt Ion:	82	Resp:	125351
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	63.9	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: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB115573BL

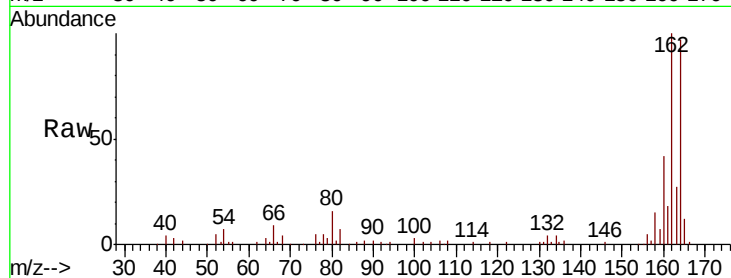
Tgt Ion:164 Resp: 72117

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

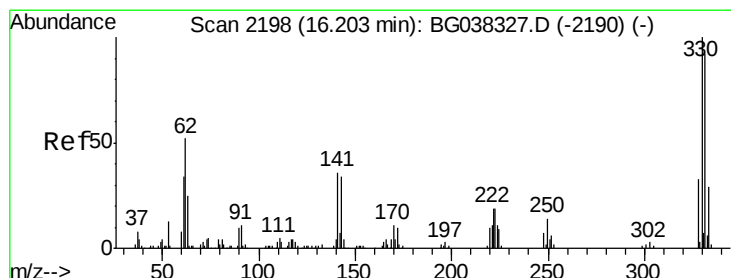
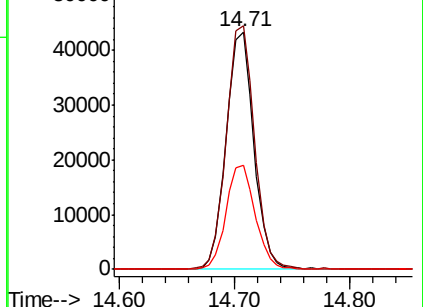
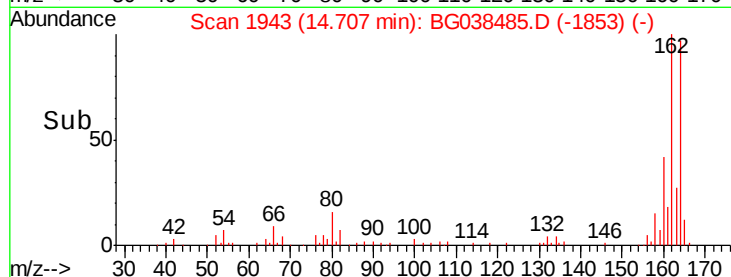
160 43.6 36.3 54.5



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: 78.845 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

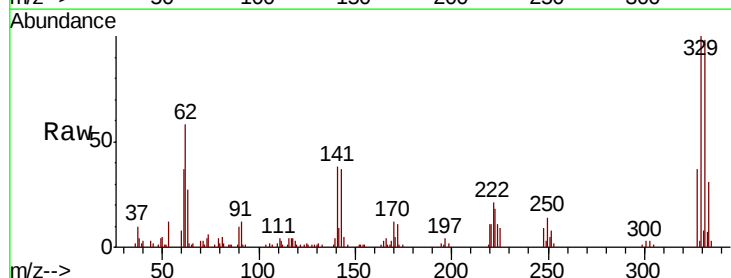
Tgt Ion:330 Resp: 69803

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

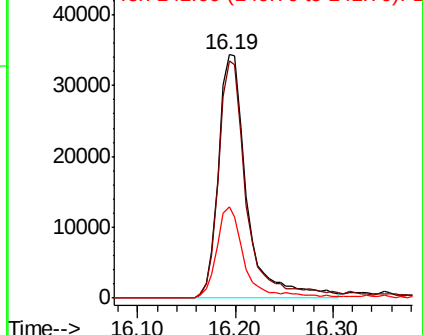
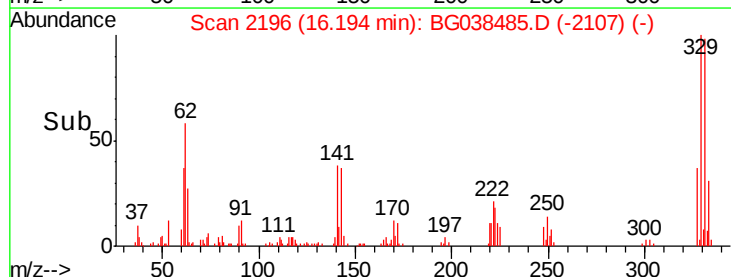
141 35.8 32.2 48.2

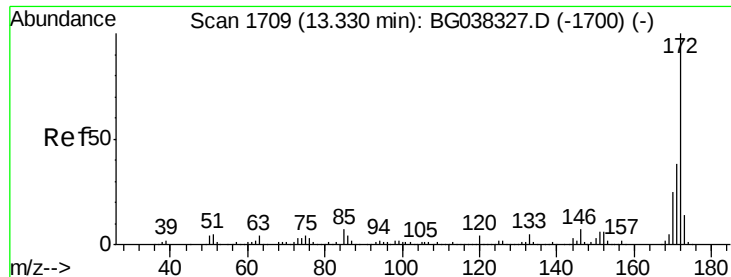


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

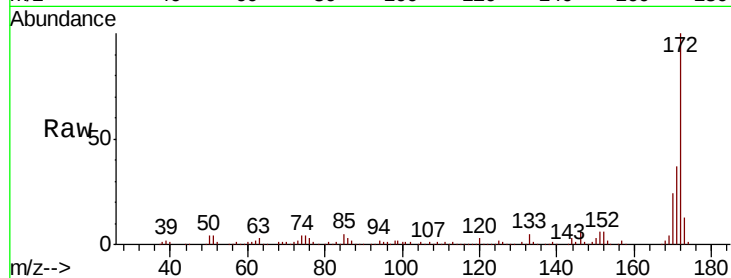




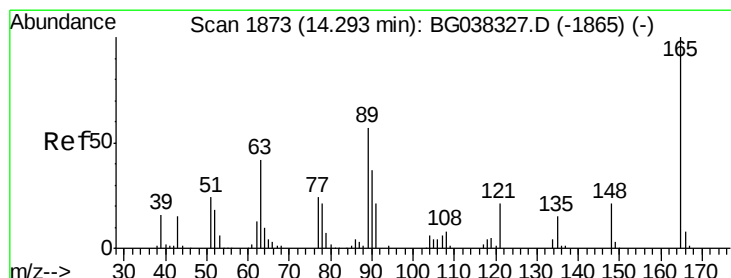
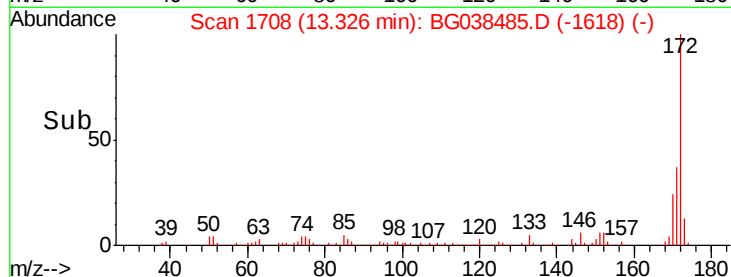
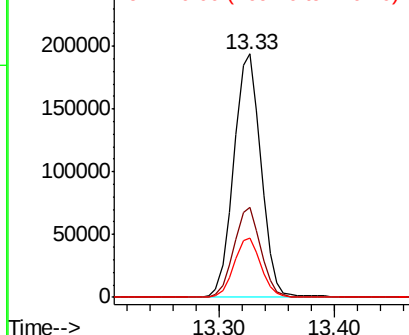
#45
 2-Fluorobiphenyl
 Concen: 62.718 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038485.D
 Acq: 12 Dec 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BL

Tgt Ion:172 Resp: 317425
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.1 20.2 30.2

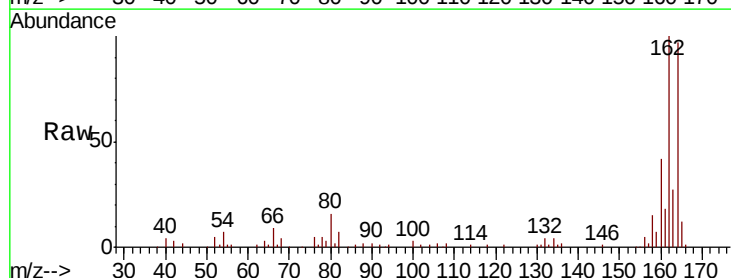


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

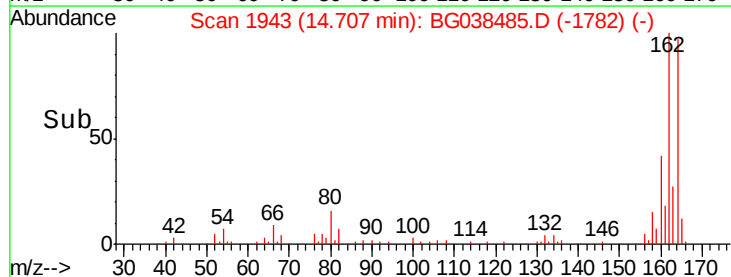
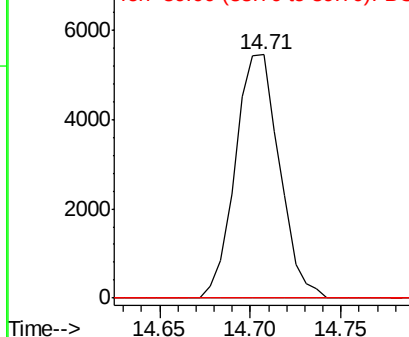


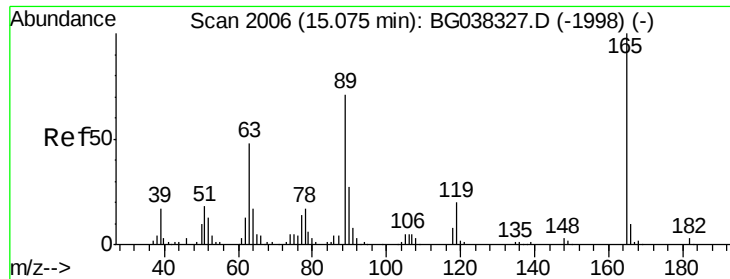
#51
 2,6-Dinitrotoluene
 Concen: 6.994 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038485.D
 Acq: 12 Dec 2018 1:13

Tgt Ion:165 Resp: 9241
 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): BGC
 Ion 89.00 (88.70 to 89.70): BGC

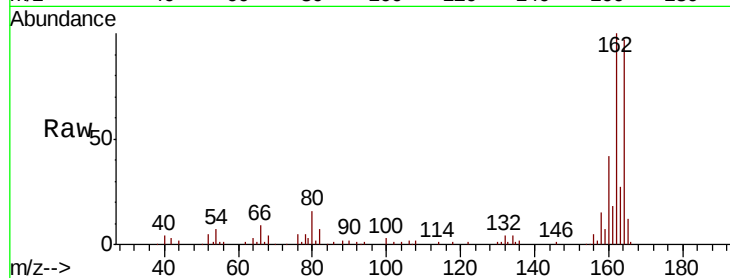




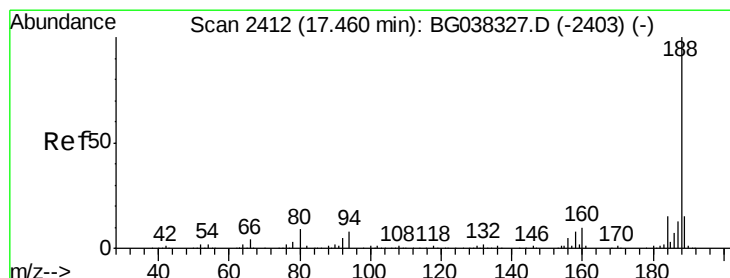
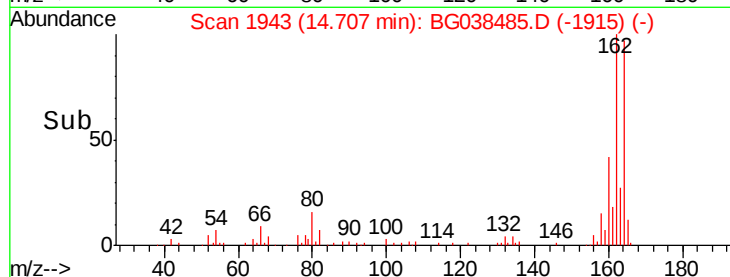
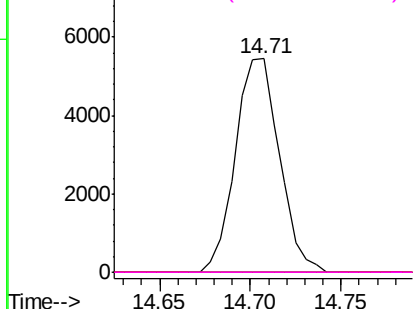
#57
 2,4-Dinitrotoluene
 Concen: 5.071 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038485.D
 Acq: 12 Dec 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BL

Tgt Ion:	165	Resp:	9241
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#

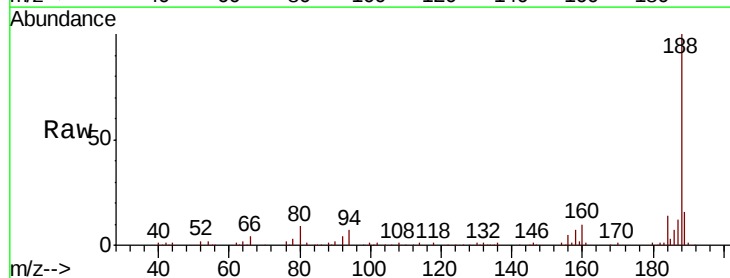


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

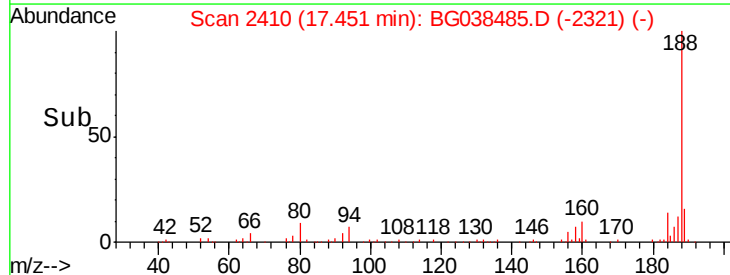
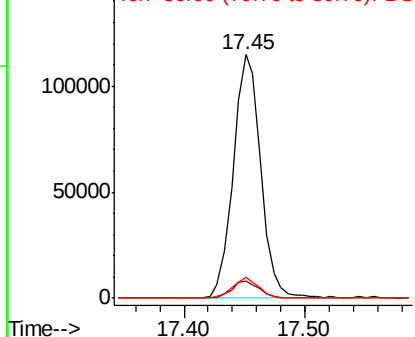


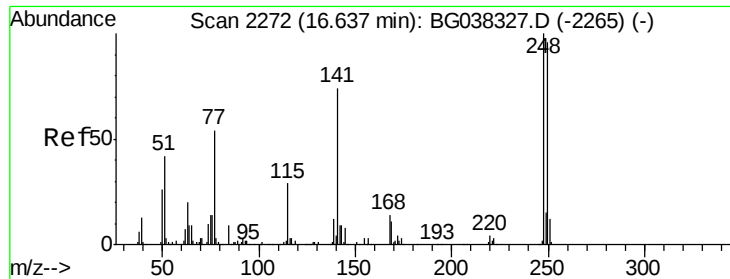
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038485.D
 Acq: 12 Dec 2018 1:13

Tgt Ion:	188	Resp:	181271
Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.2	10.8#
80	8.7	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

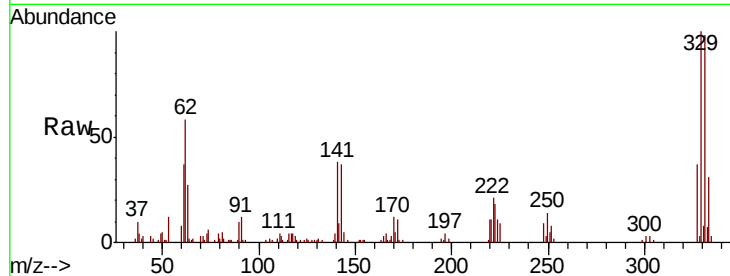




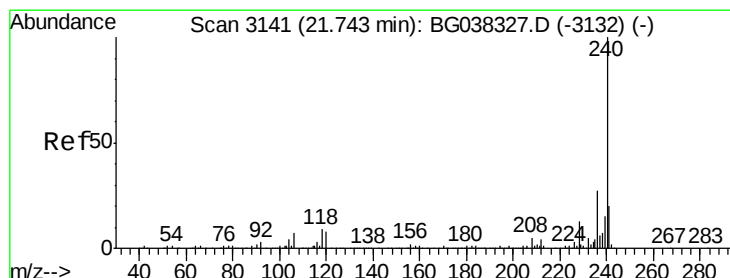
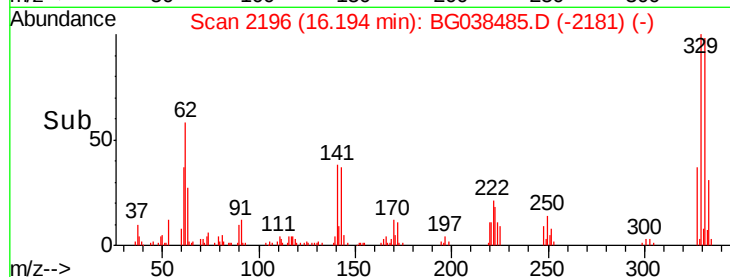
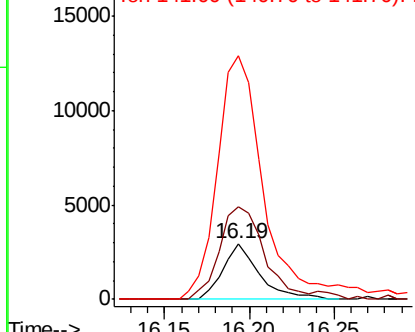
#67
4-Bromophenyl-phenylether
Concen: 2.265 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.44 min
Lab File: BG038485.D
Acq: 12 Dec 2018 1:13

Instrument :
BNA_G
ClientSampleId :
PB115573BL

Tgt Ion:248 Resp: 4433
Ion Ratio Lower Upper
248 100
250 224.5 77.0 115.6#
141 437.6 55.5 83.3#

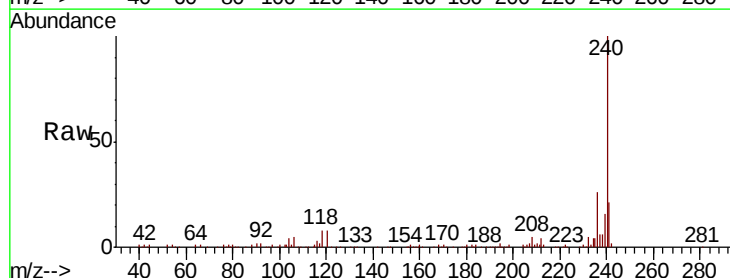


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

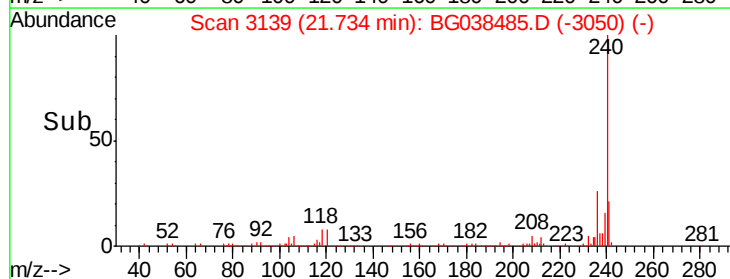
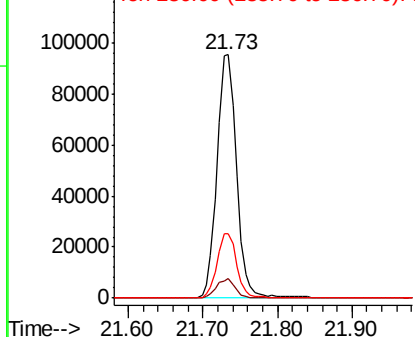


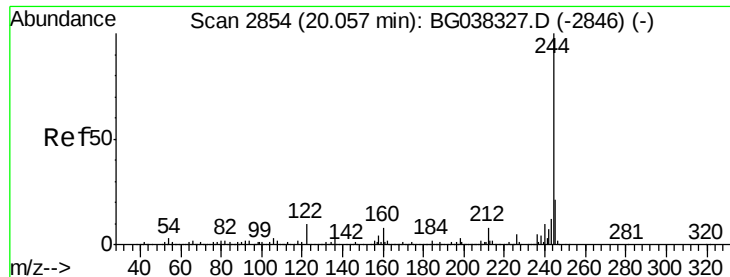
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038485.D
Acq: 12 Dec 2018 1:13

Tgt Ion:240 Resp: 173846
Ion Ratio Lower Upper
240 100
120 8.0 8.1 12.1#
236 26.3 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: 71.285 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB115573BL

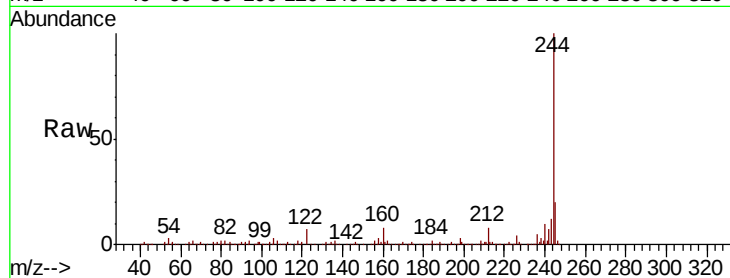
Tgt Ion:244 Resp: 578480

Ion Ratio Lower Upper

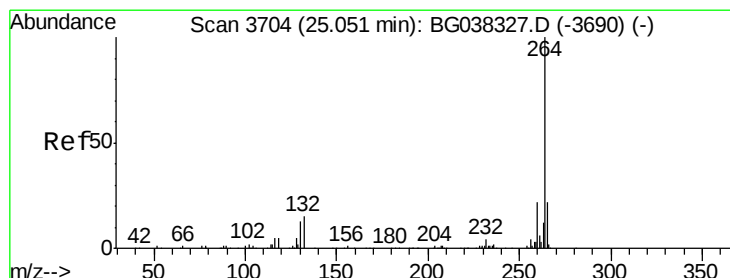
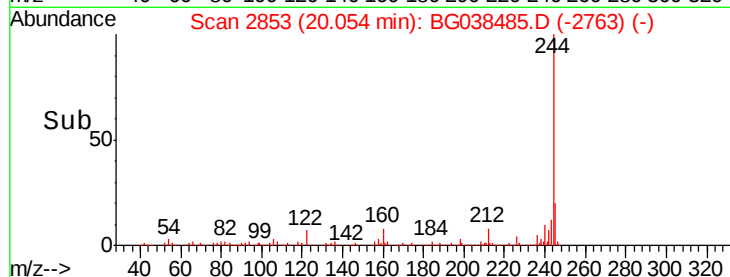
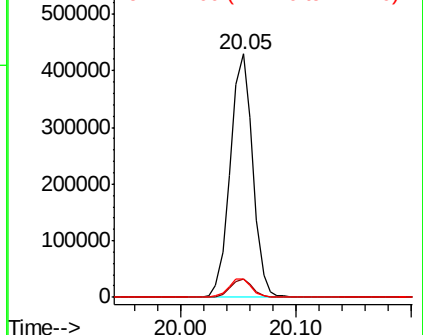
244 100

212 7.7 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: BG038485.D

Acq: 12 Dec 2018 1:13

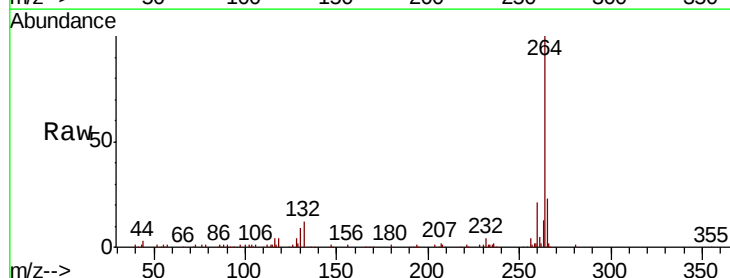
Tgt Ion:264 Resp: 180090

Ion Ratio Lower Upper

264 100

260 20.9 18.2 27.4

265 22.5 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

