

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038342.D
 Acq On : 5 Dec 2018 2:31
 Operator : JU/SJ
 Sample : PB115249BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Dec 05 06:03:07 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

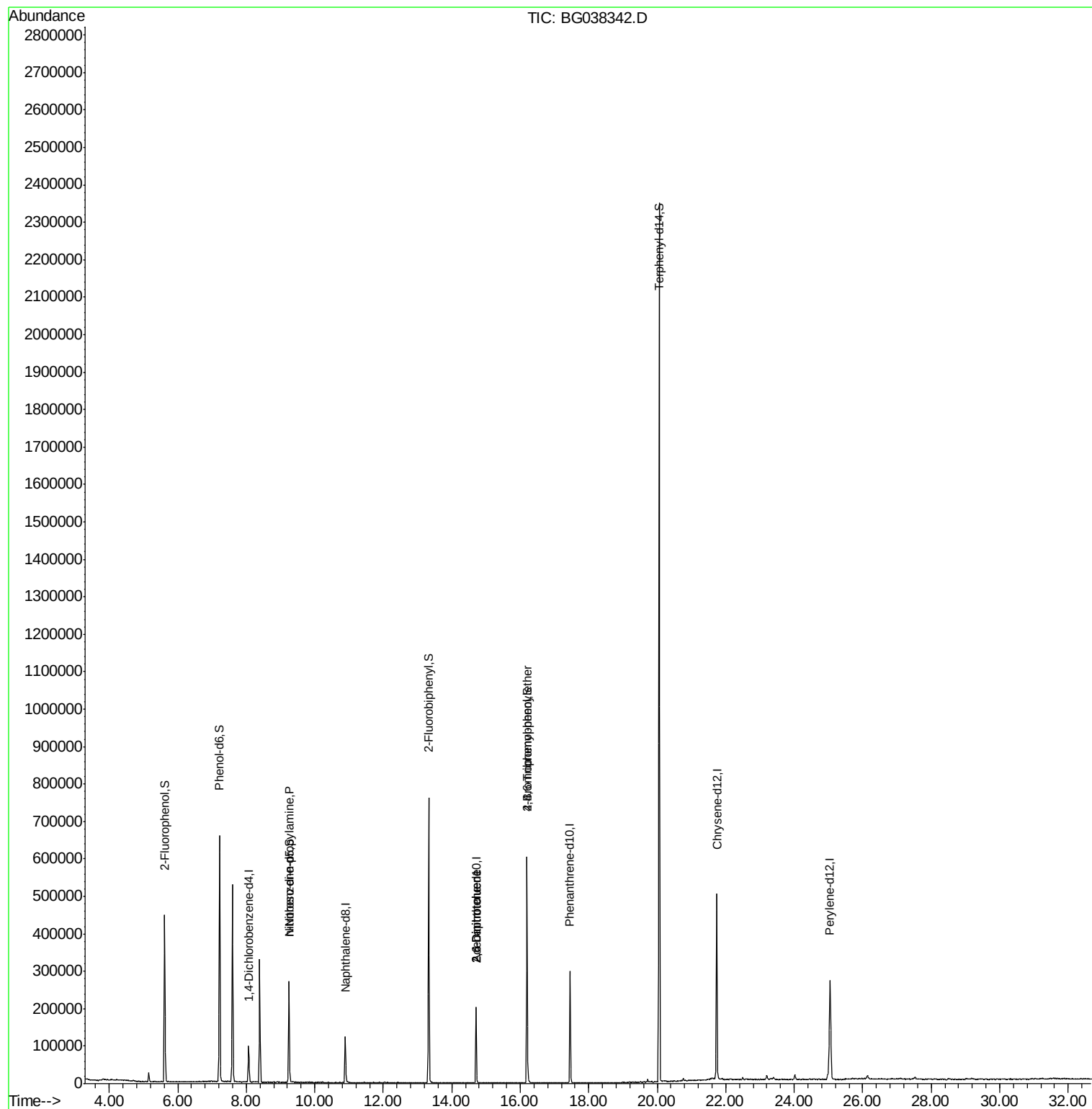
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28546	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	113719	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	74197	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	193447	20.00	ng	0.00
76) Chrysene-d12	21.74	240	292327	20.00	ng	0.00
87) Perylene-d12	25.04	264	293978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	196565	121.86	ng	0.00
7) Phenol-d6	7.22	99	410038	175.87	ng	0.00
23) Nitrobenzene-d5	9.25	82	170807	74.57	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	114883	126.13	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	410373	78.81	ng	0.00
79) Terphenyl-d14	20.06	244	1081953	79.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	22032	11.425	ng	# 79
51) 2,6-Dinitrotoluene	14.70	165	9528	7.009	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	9528	5.082	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	7660	3.667	ng	# 1

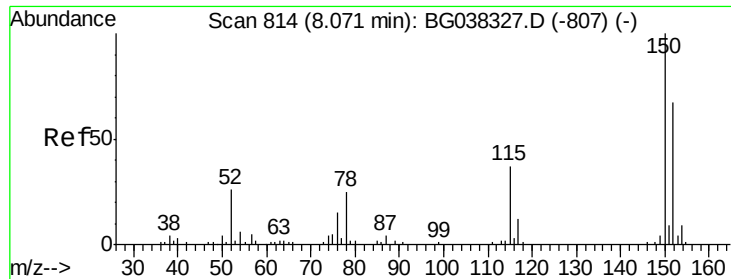
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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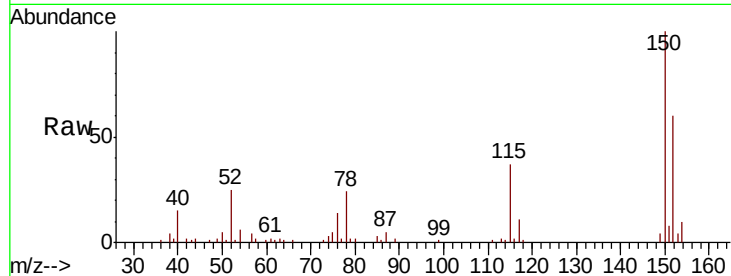


#1

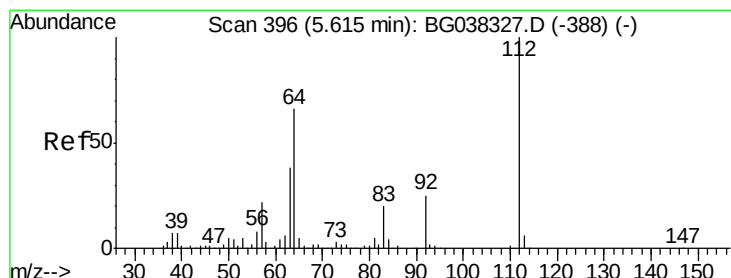
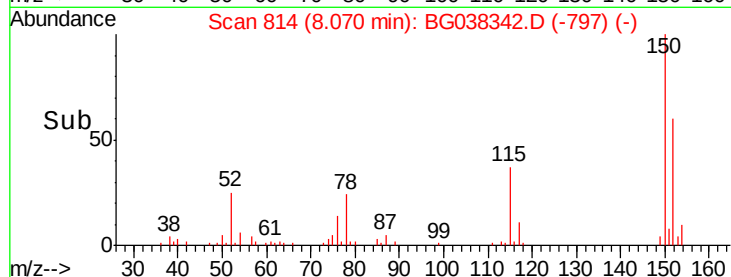
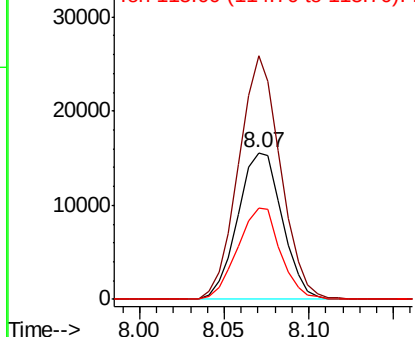
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 28546
Ion Ratio Lower Upper
152 100
150 165.9 126.0 189.0
115 61.9 45.5 68.3



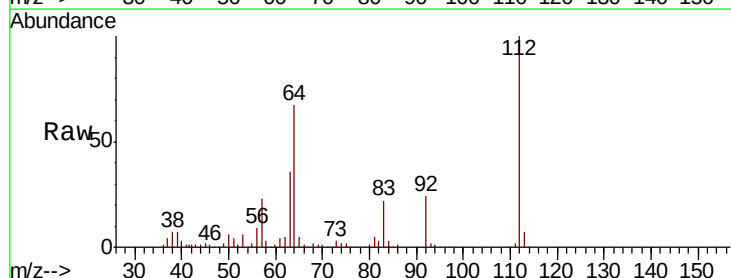
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



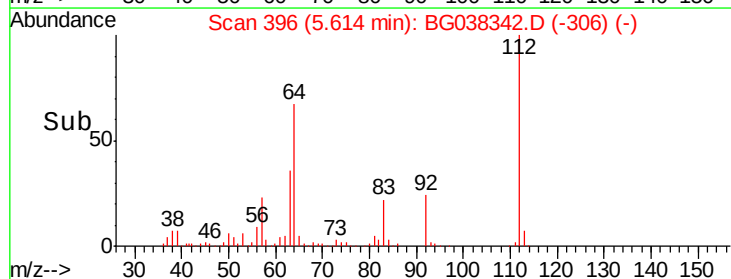
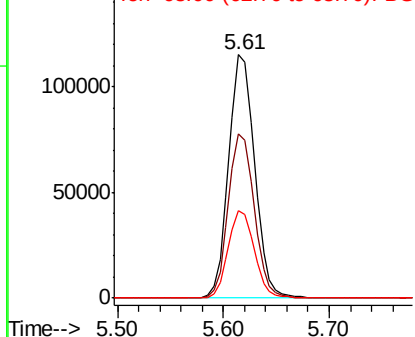
#5

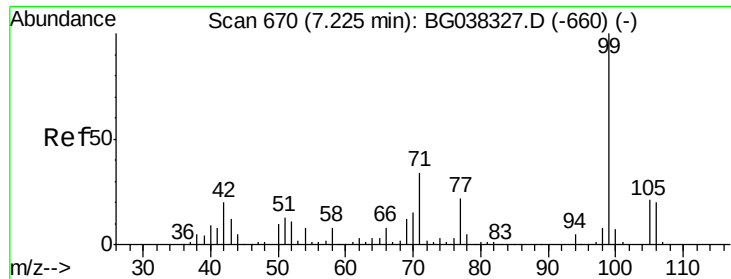
2-Fluorophenol
Concen: 121.856 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Tgt Ion:112 Resp: 196565
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 36.0 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: 175.872 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

Instrument :

BNA_G

ClientSampleId :

DFTPP

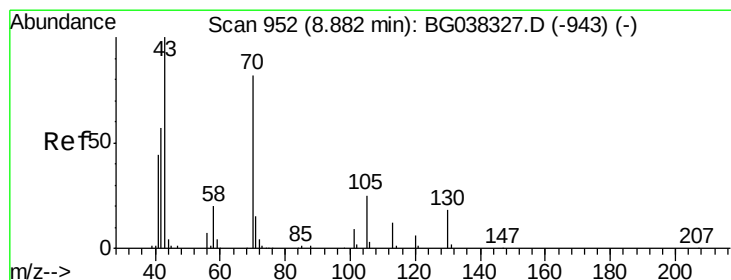
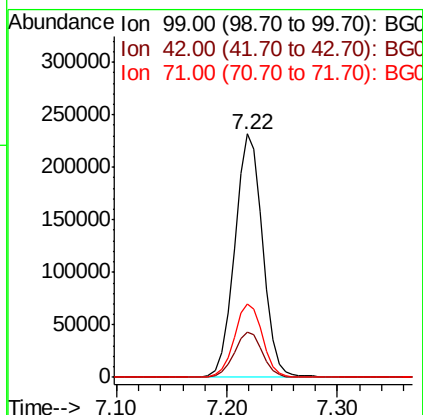
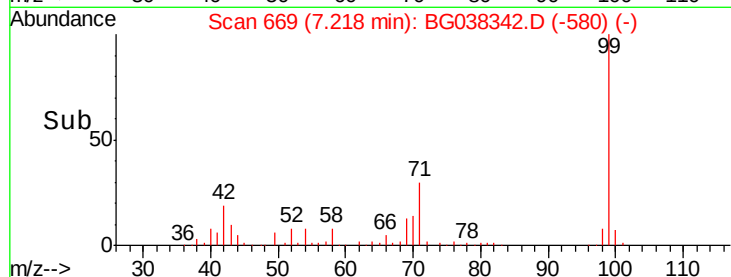
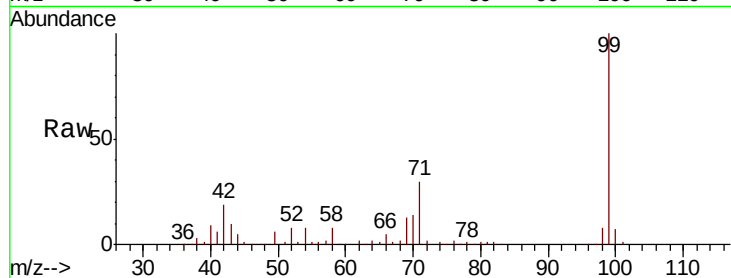
Tgt Ion: 99 Resp: 410038

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

71 30.3 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 11.425 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

Tgt Ion: 70 Resp: 22032

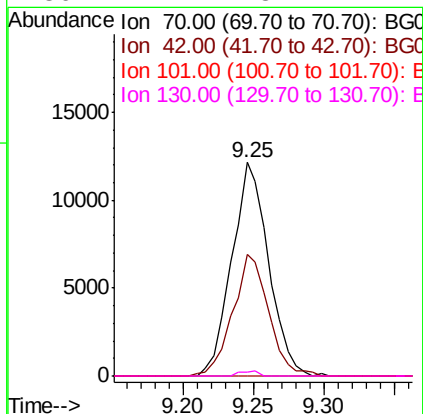
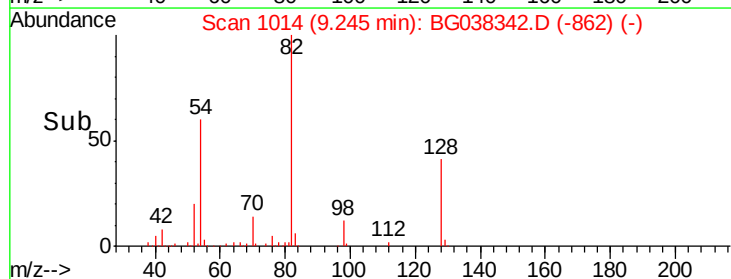
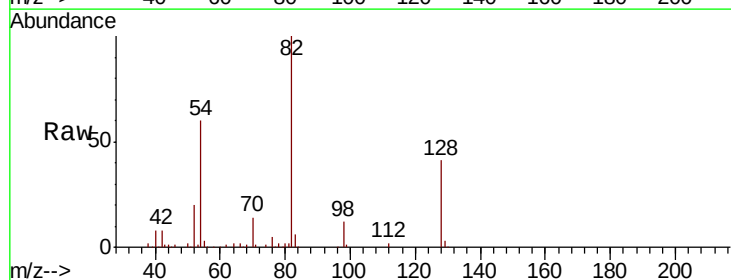
Ion Ratio Lower Upper

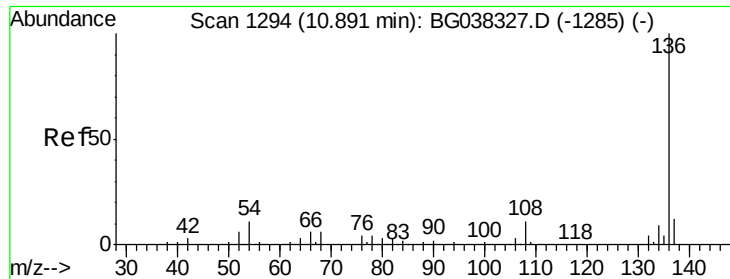
70 100

42 57.2 53.9 80.9

101 0.0 8.2 12.2#

130 1.7 18.2 27.4#

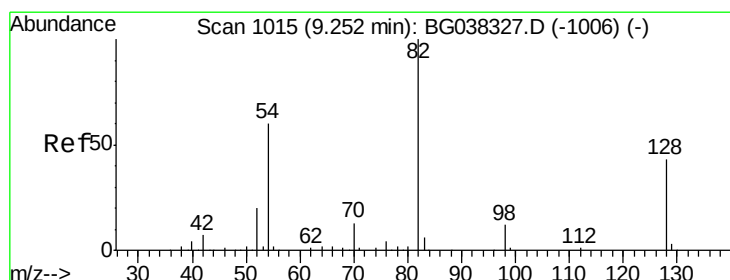
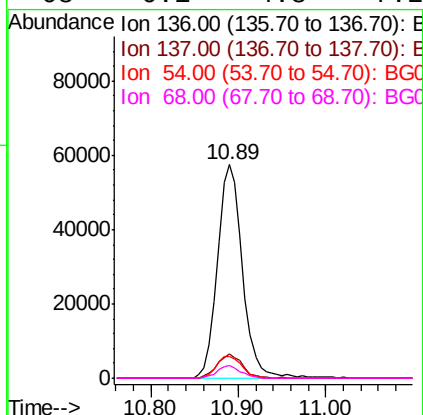
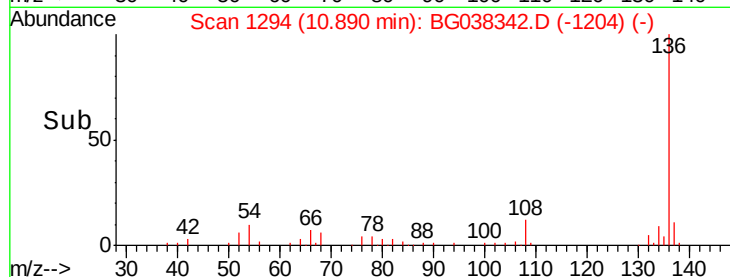
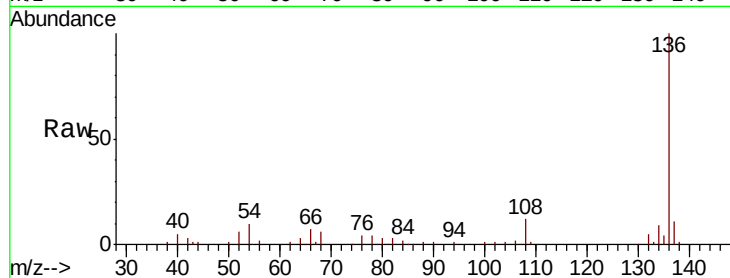




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

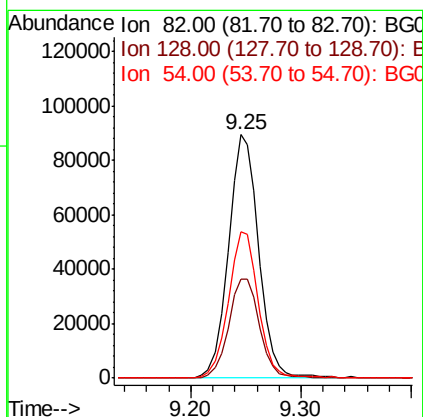
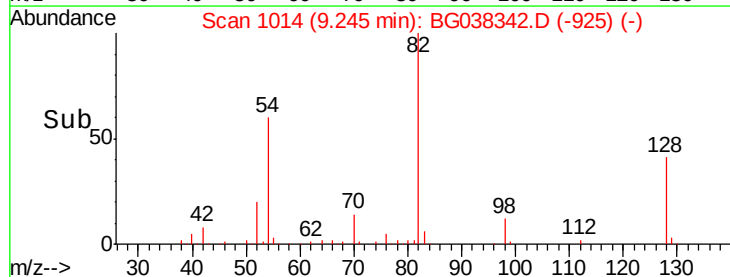
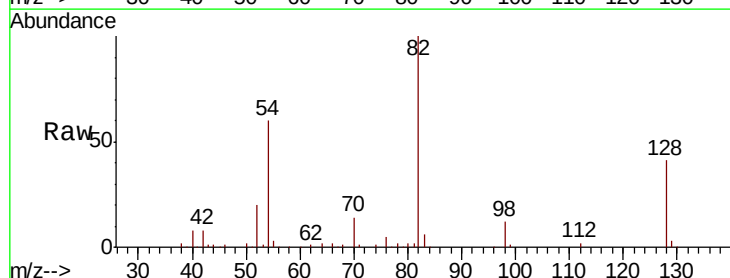
Instrument :
BNA_G
ClientSampleId :
DFTPP

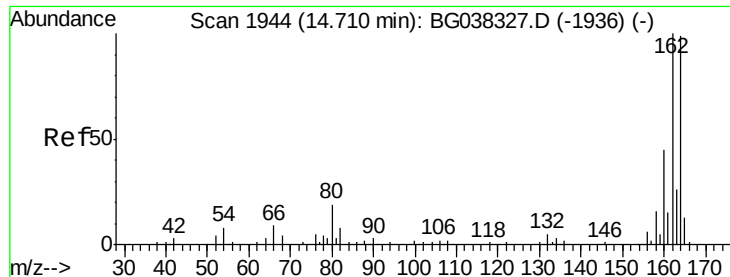
Tgt Ion: 136 Resp: 113719
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.5 7.9 11.9
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 74.572 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Tgt Ion: 82 Resp: 170807
Ion Ratio Lower Upper
82 100
128 40.8 34.6 51.8
54 60.0 45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

Instrument :

BNA_G

ClientSampleId :

DFTPP

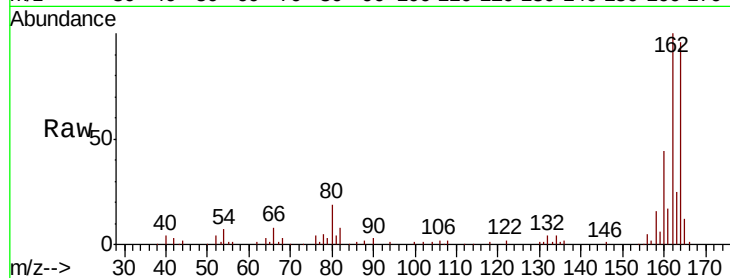
Tgt Ion:164 Resp: 74197

Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

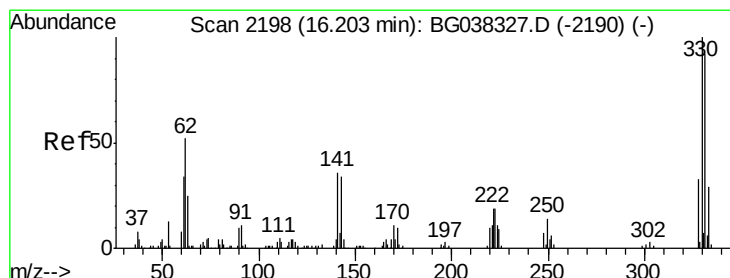
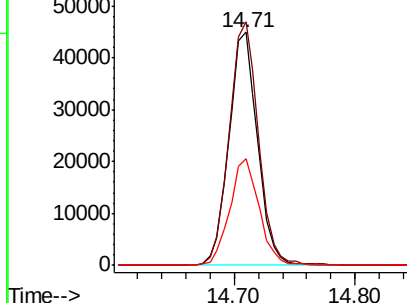
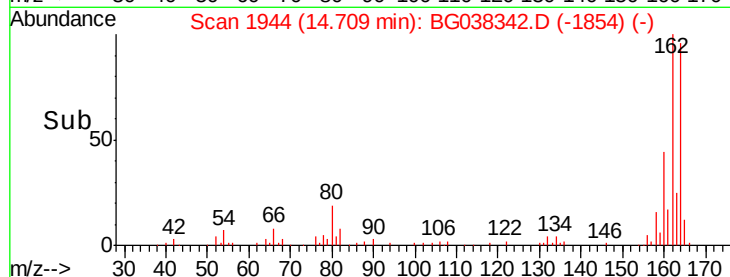
160 45.5 36.3 54.5



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: 126.126 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

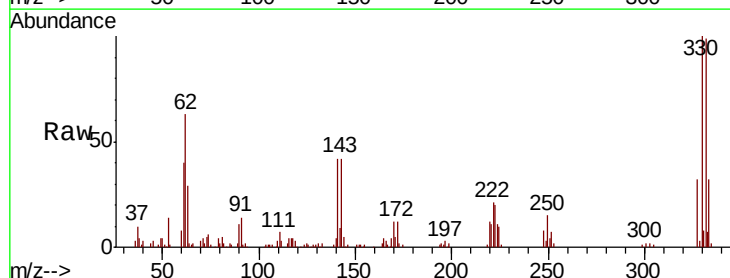
Tgt Ion:330 Resp: 114883

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

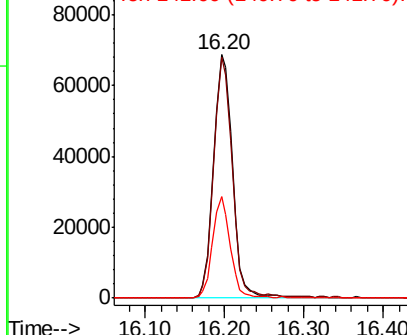
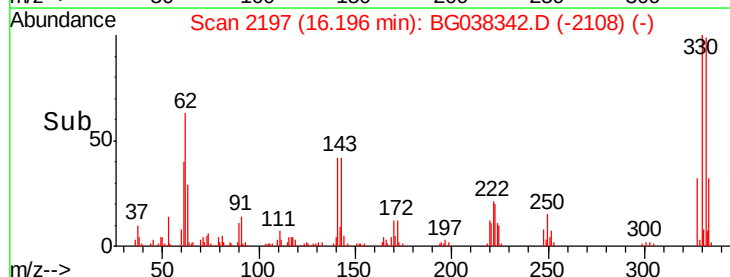
141 38.6 32.2 48.2

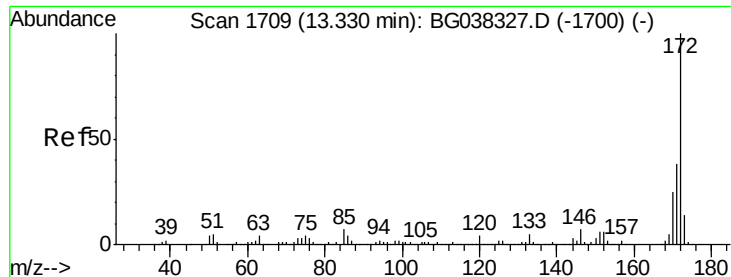


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

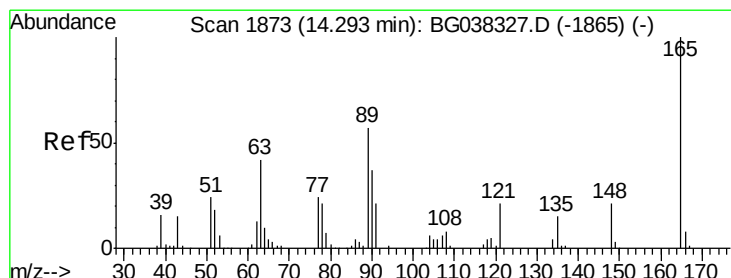
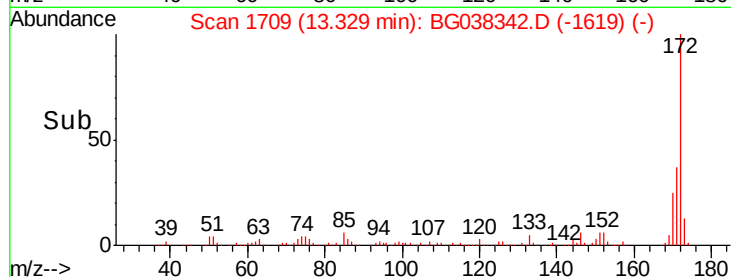
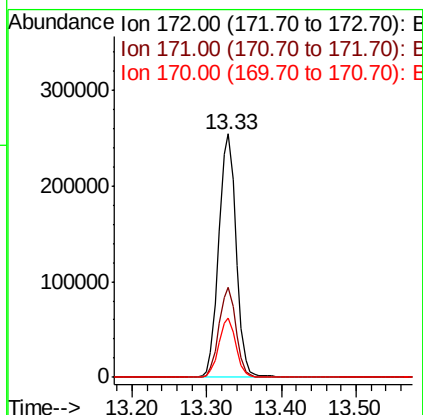
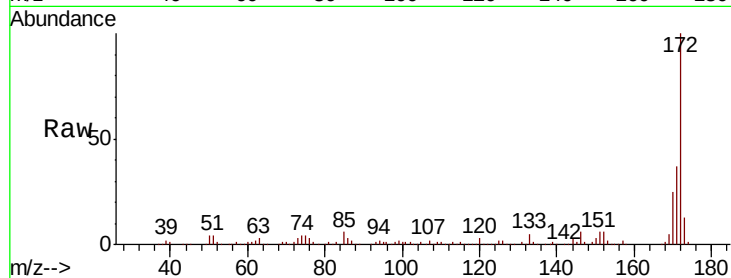




#45
 2-Fluorobiphenyl
 Concen: 78.810 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038342.D
 Acq: 5 Dec 2018 2:31

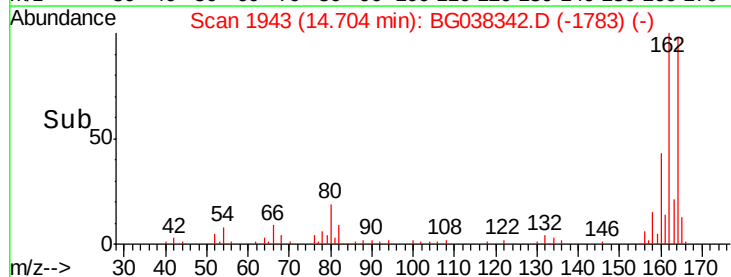
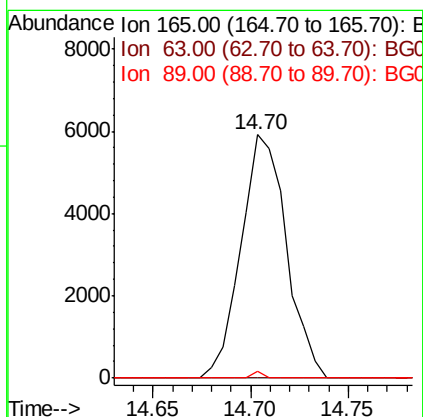
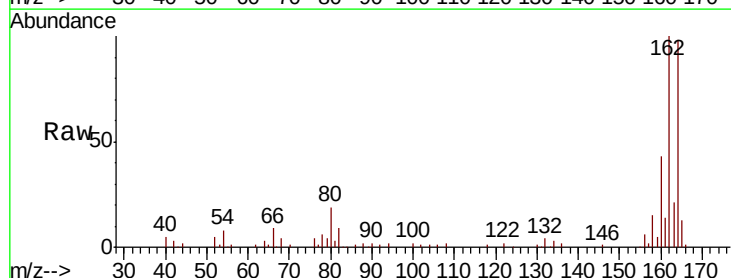
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

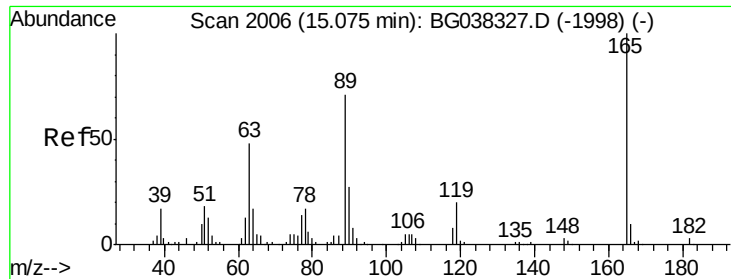
Tgt Ion:172 Resp: 410373
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 24.5 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.009 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038342.D
 Acq: 5 Dec 2018 2:31

Tgt Ion:165 Resp: 9528
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 2.7 45.8 68.6#

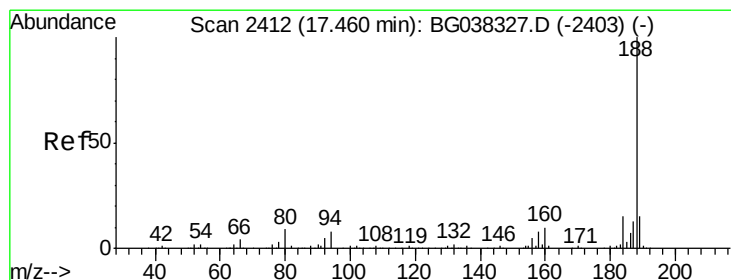
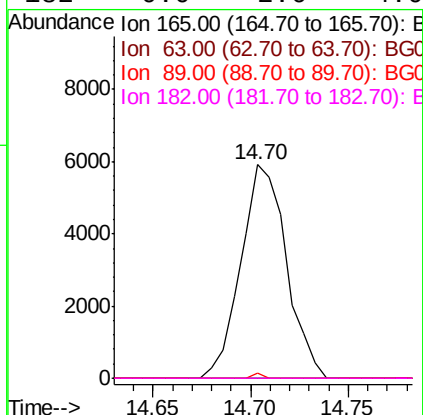
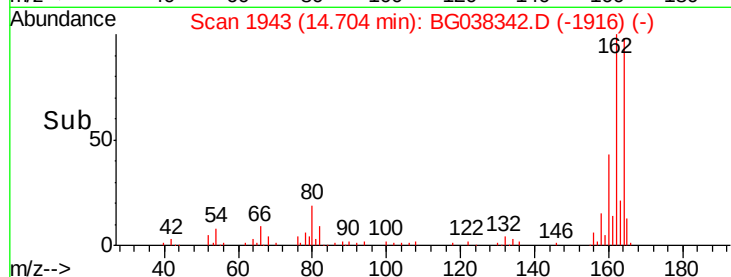
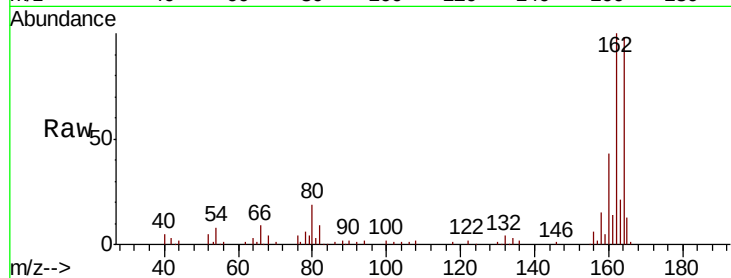




#57
 2,4-Dinitrotoluene
 Concen: 5.082 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038342.D
 Acq: 5 Dec 2018 2:31

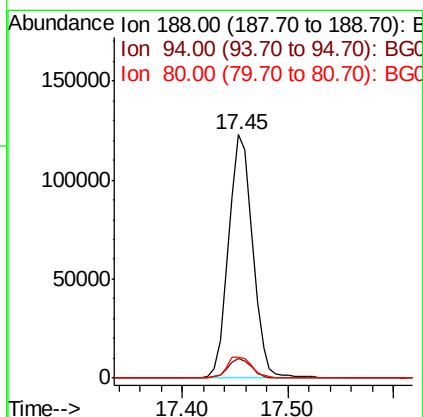
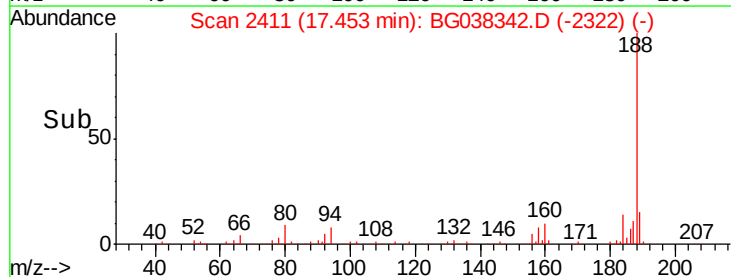
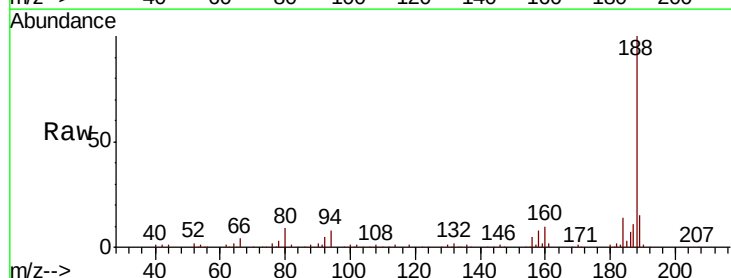
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

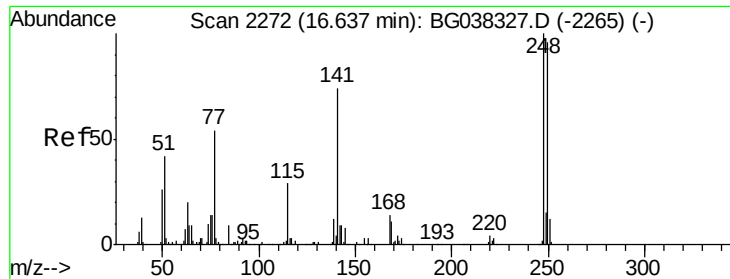
Tgt Ion:	165	Resp:	9528
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.7	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038342.D
 Acq: 5 Dec 2018 2:31

Tgt Ion:	188	Resp:	193447
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.8	7.7	11.5

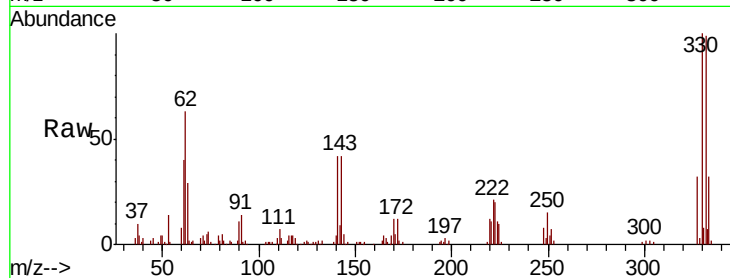




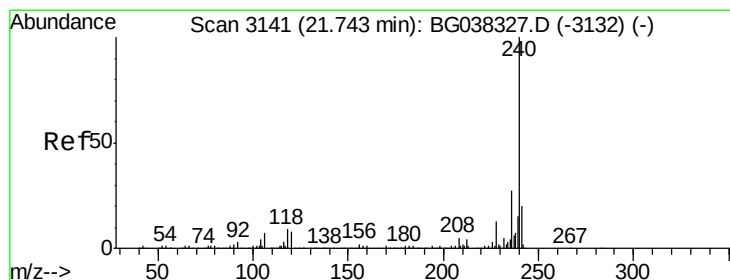
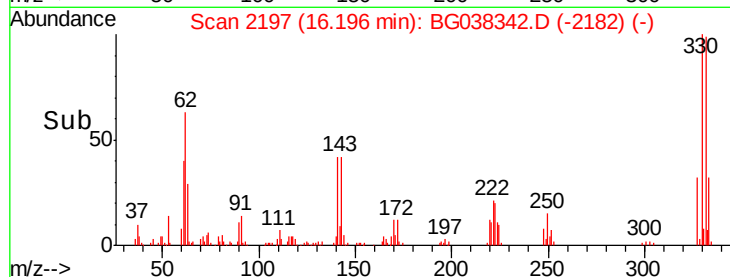
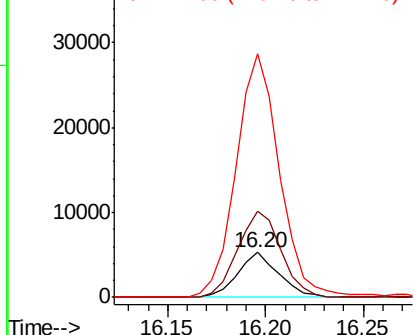
#67
4-Bromophenyl-phenylether
Concen: 3.667 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:248 Resp: 7660
Ion Ratio Lower Upper
248 100
250 188.2 77.0 115.6#
141 410.1 55.5 83.3#

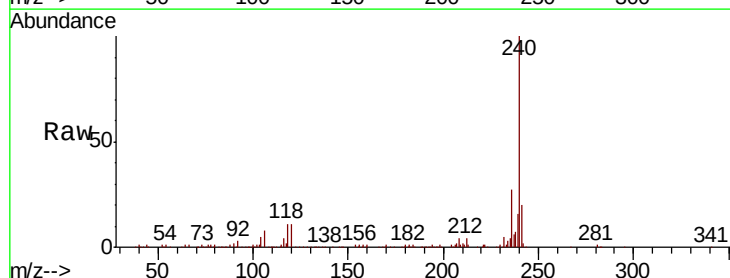


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

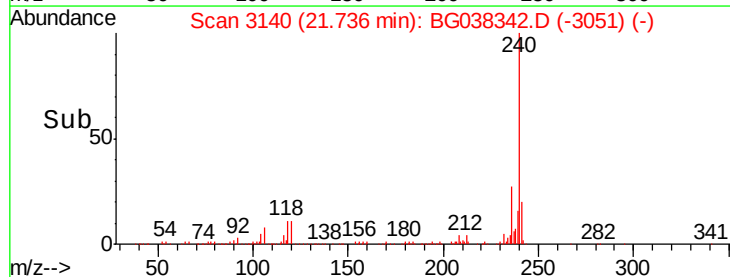
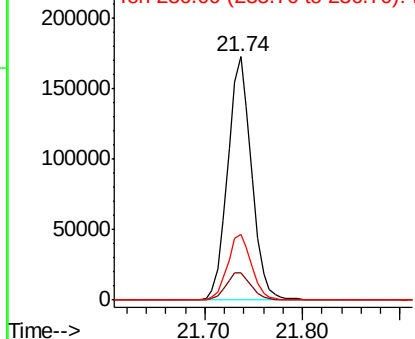


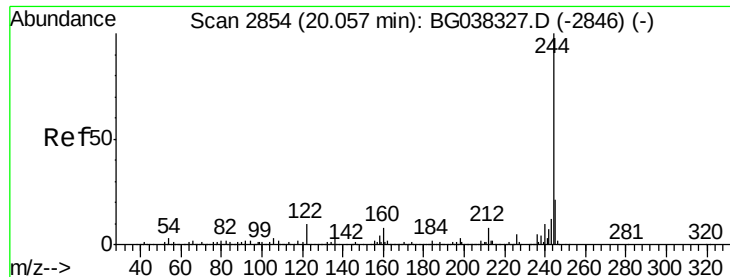
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Tgt Ion:240 Resp: 292327
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 26.7 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: 79.289 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

Instrument :

BNA_G

ClientSampleId :

DFTPP

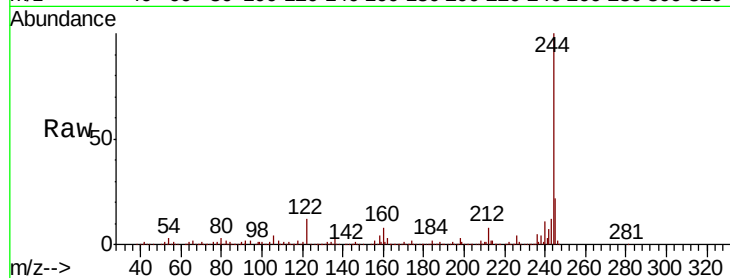
Tgt Ion:244 Resp: 1081953

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

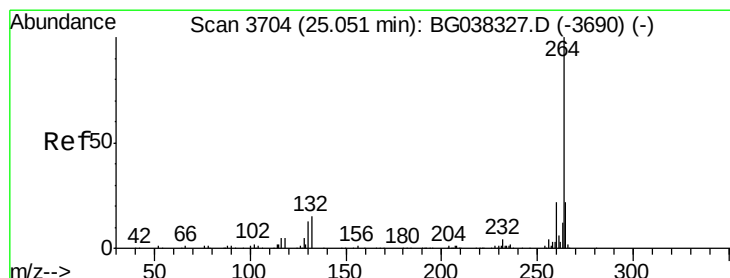
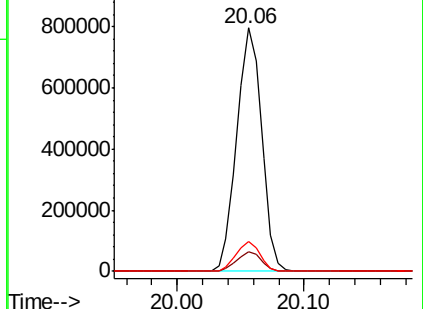
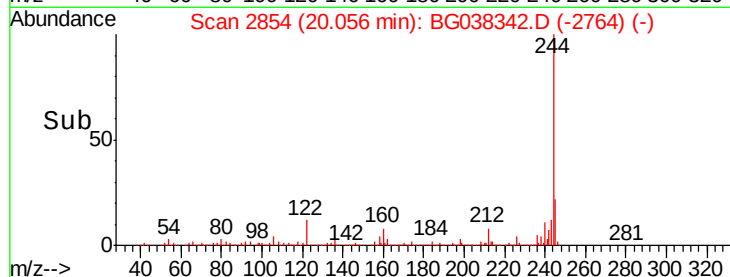
122 12.2 9.0 13.4



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# 3703

Delta R.T. -0.01 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

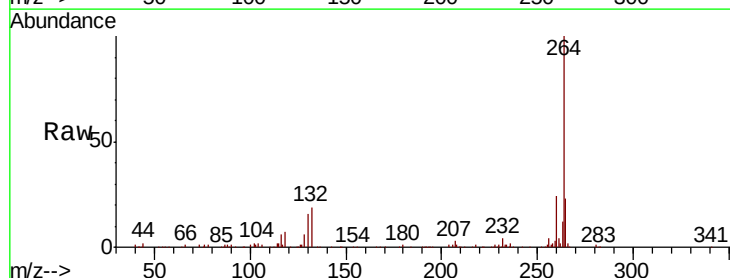
Tgt Ion:264 Resp: 293978

Ion Ratio Lower Upper

264 100

260 23.8 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

