

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
 Data File : BG038187.D
 Acq On : 28 Nov 2018 5:30
 Operator : JU/SJ
 Sample : J6028-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Nov 28 06:49:45 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

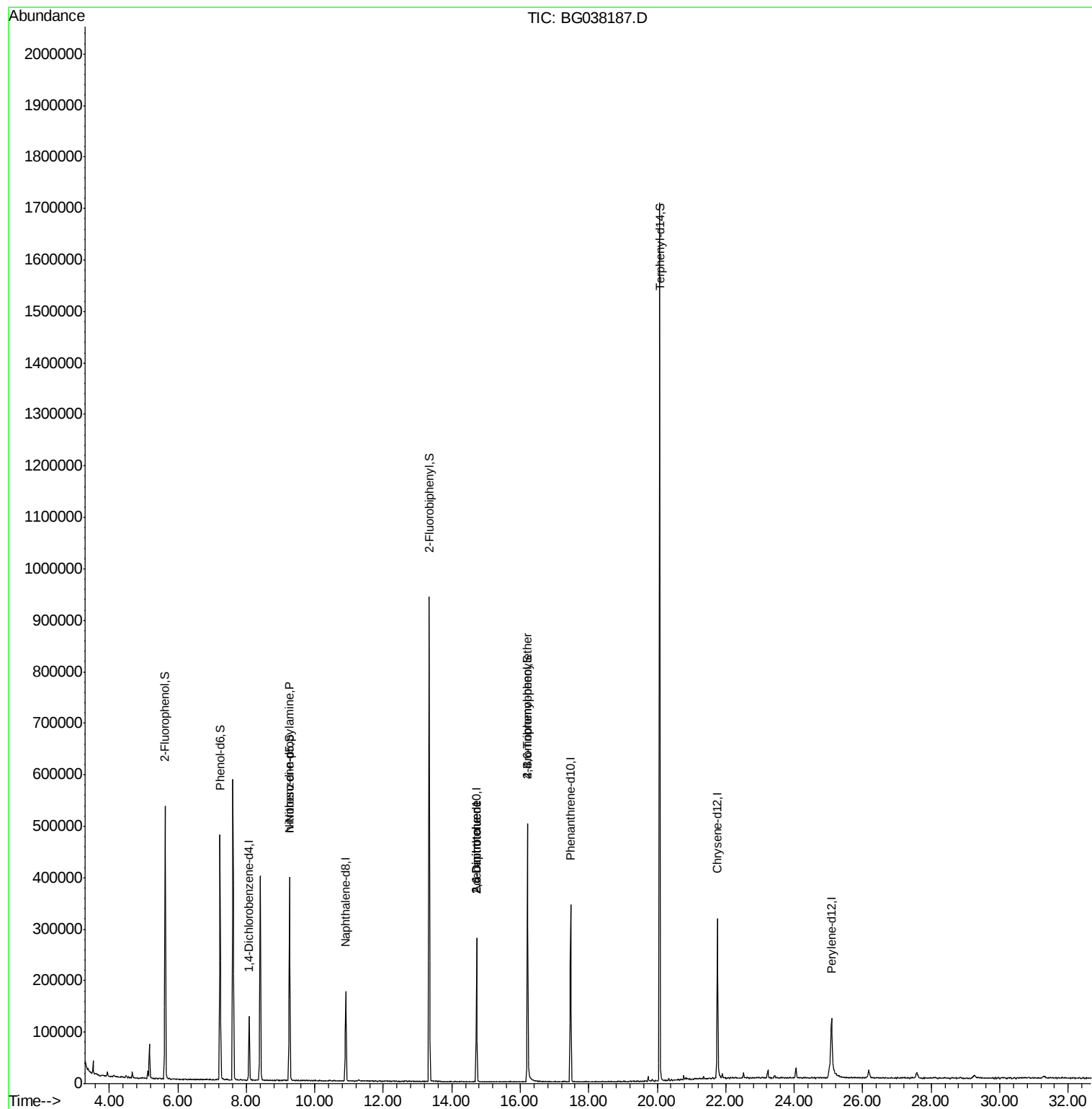
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35774	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	158054	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	97067	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	224010	20.00	ng	0.00
76) Chrysene-d12	21.75	240	212591	20.00	ng	0.00
87) Perylene-d12	25.09	264	177807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	234948	113.39	ng	0.00
7) Phenol-d6	7.24	99	293274	99.16	ng	0.00
23) Nitrobenzene-d5	9.26	82	243747	82.55	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	99289	89.69	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	500869	75.17	ng	0.00
79) Terphenyl-d14	20.07	244	846002	93.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	31423	14.683	ng	# 69
51) 2,6-Dinitrotoluene	14.72	165	12896	7.405	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	12896	5.442	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	6571	2.673	ng	# 1

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

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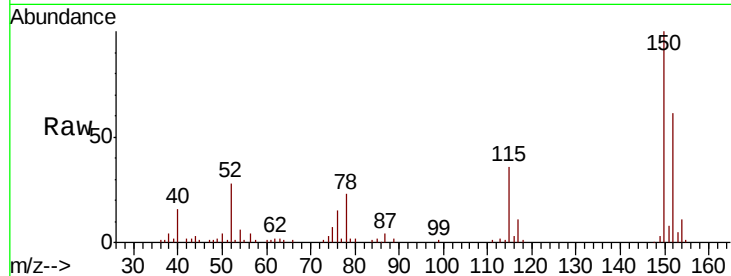


#1

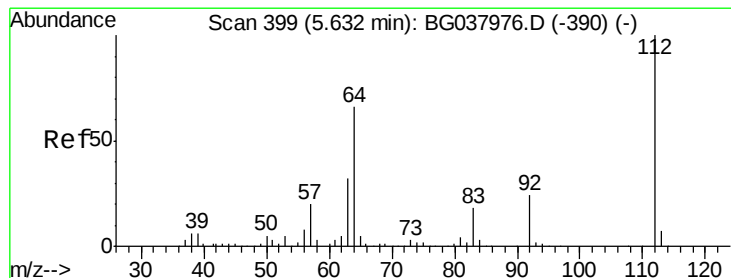
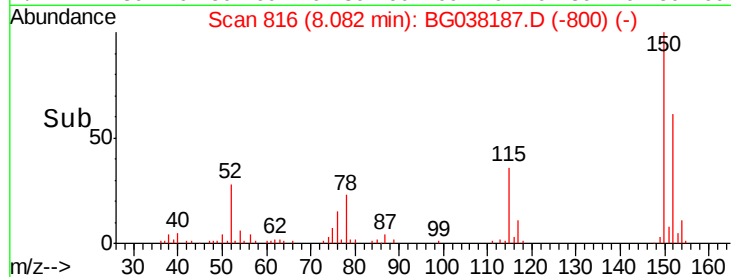
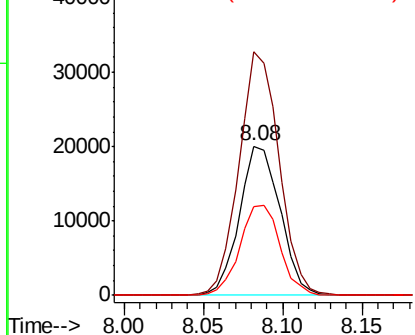
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038187.D
Acq: 28 Nov 2018 5:30

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 35774
Ion Ratio Lower Upper
152 100
150 163.1 126.0 189.0
115 59.3 45.5 68.3



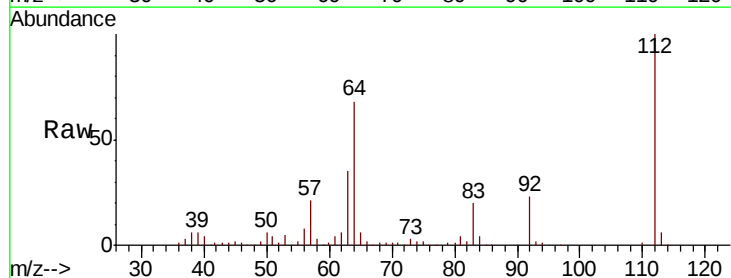
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



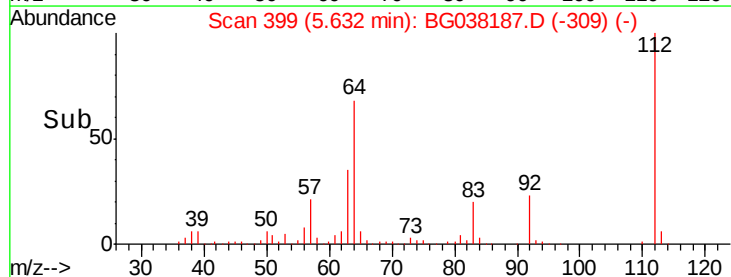
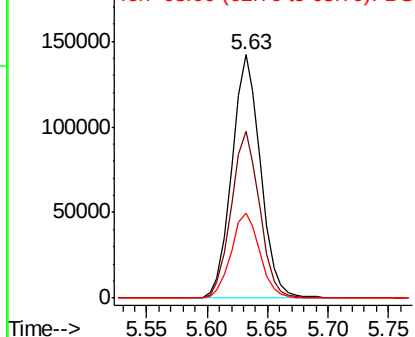
#5

2-Fluorophenol
Concen: 113.393 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038187.D
Acq: 28 Nov 2018 5:30

Tgt Ion:112 Resp: 234948
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 34.6 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: 99.159 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038187.D

Acq: 28 Nov 2018 5:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

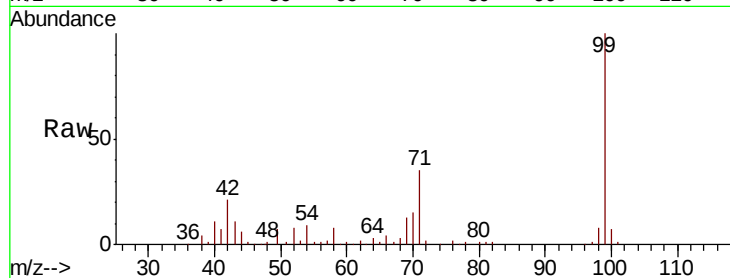
Tgt Ion: 99 Resp: 293274

Ion Ratio Lower Upper

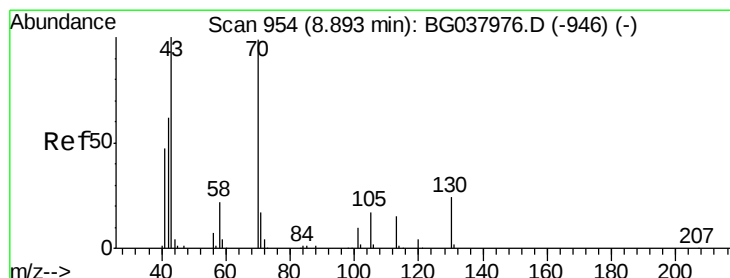
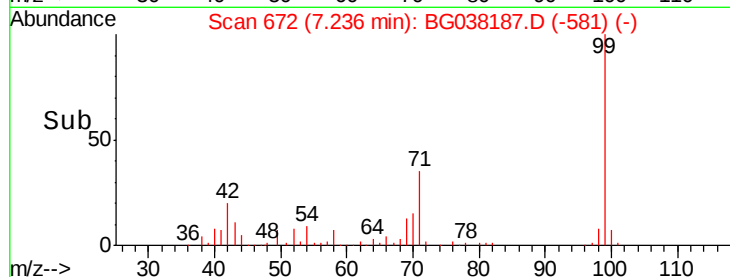
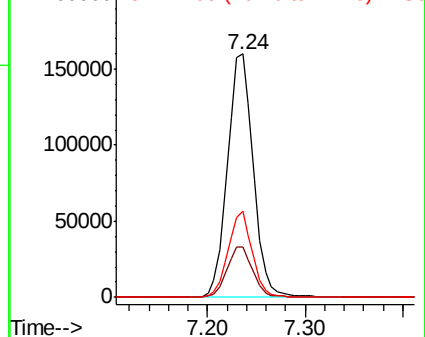
99 100

42 20.6 15.0 22.4

71 35.2 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: 14.683 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038187.D

Acq: 28 Nov 2018 5:30

Tgt Ion: 70 Resp: 31423

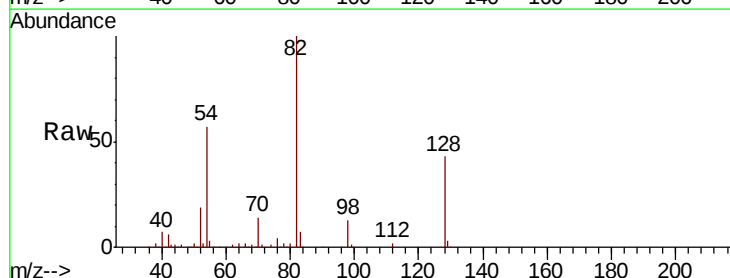
Ion Ratio Lower Upper

70 100

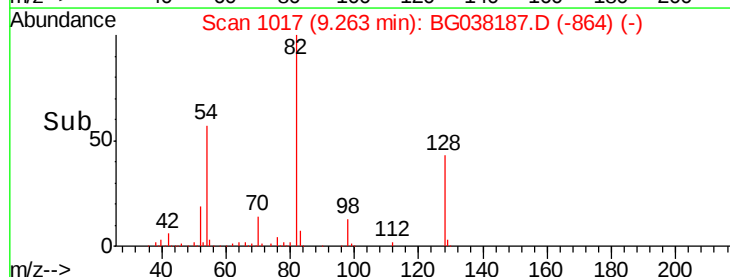
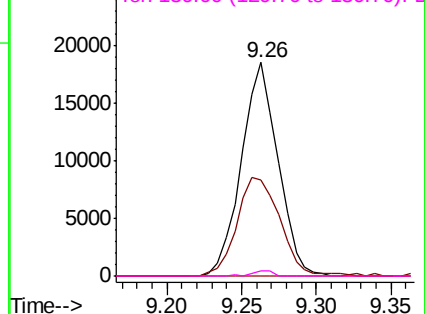
42 45.0 53.9 80.9#

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

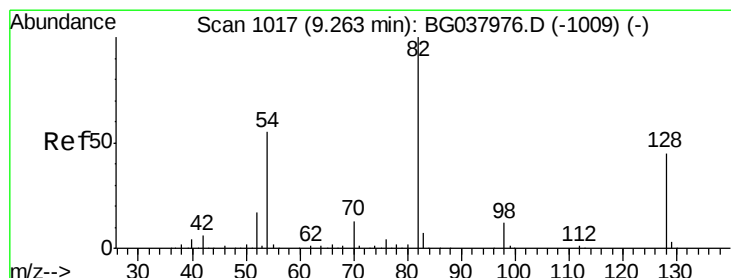
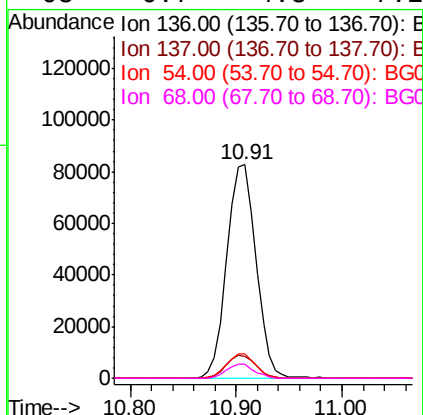
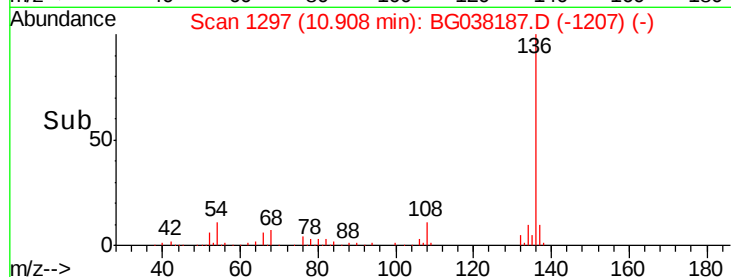
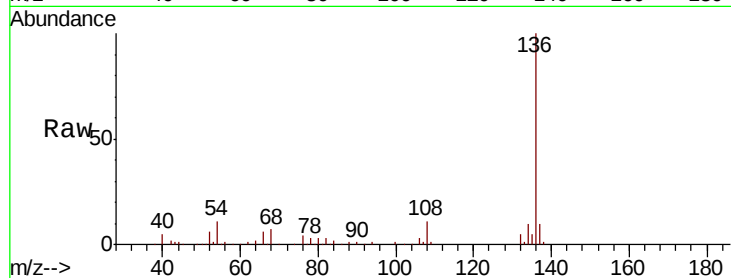




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038187.D
Acq: 28 Nov 2018 5:30

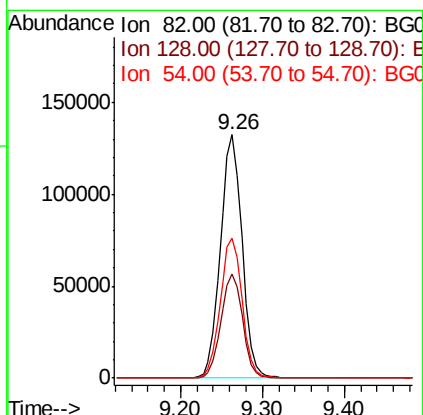
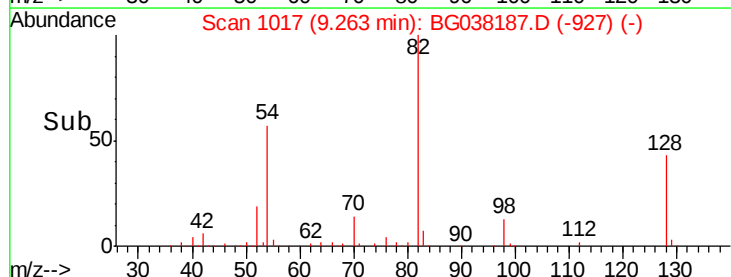
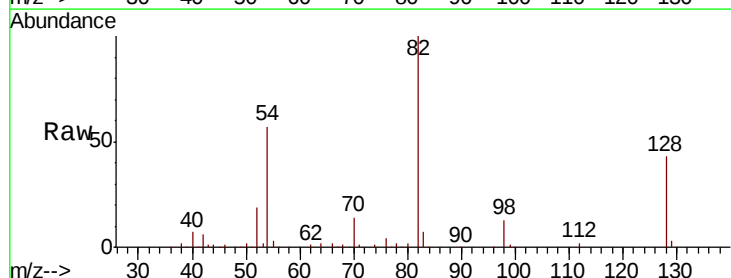
Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	158054
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	11.3	7.9	11.9
68	6.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.553 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038187.D
Acq: 28 Nov 2018 5:30

Tgt Ion:	82	Resp:	243747
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	57.5	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038187.D

Acq: 28 Nov 2018 5:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

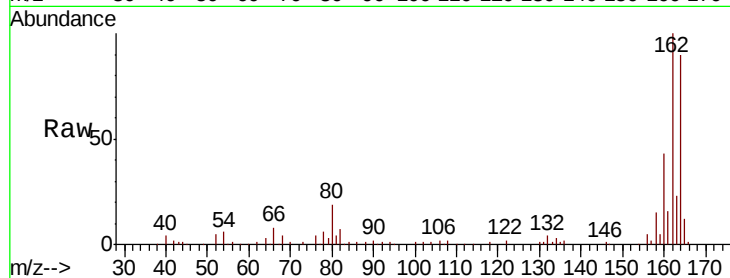
Tgt Ion:164 Resp: 97067

Ion Ratio Lower Upper

164 100

162 110.7 81.3 121.9

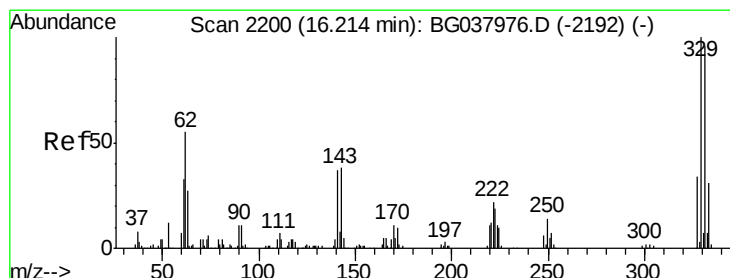
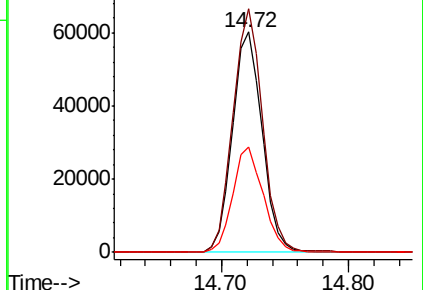
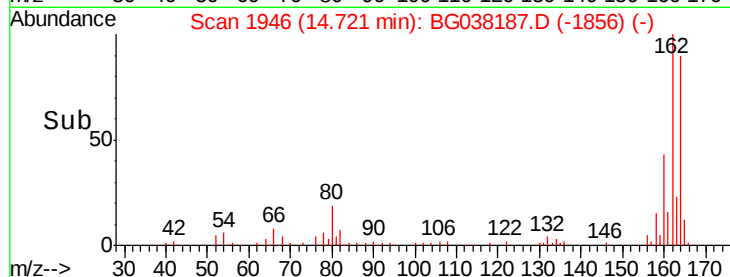
160 47.9 36.3 54.5



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: 89.690 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038187.D

Acq: 28 Nov 2018 5:30

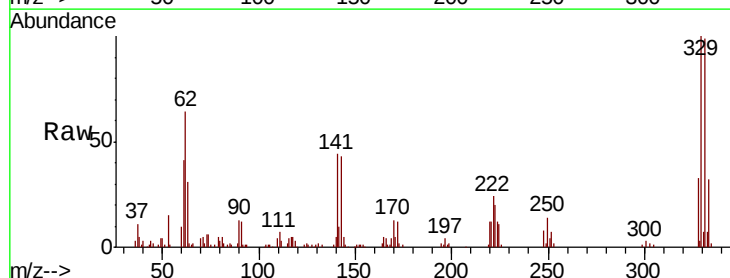
Tgt Ion:330 Resp: 99289

Ion Ratio Lower Upper

330 100

332 94.3 78.4 117.6

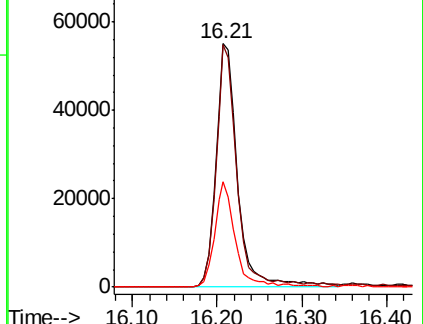
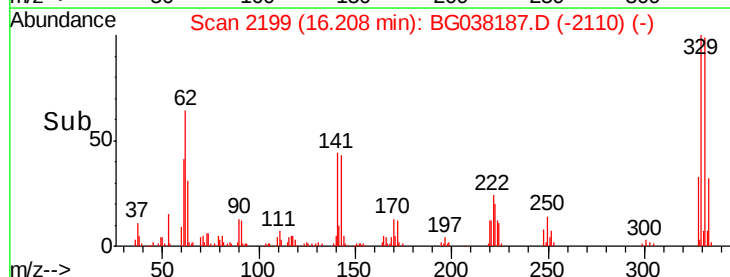
141 41.9 32.2 48.2



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

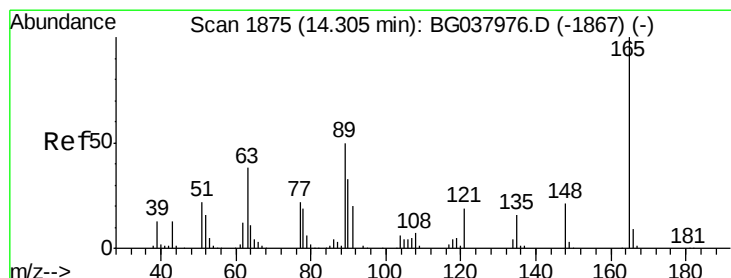
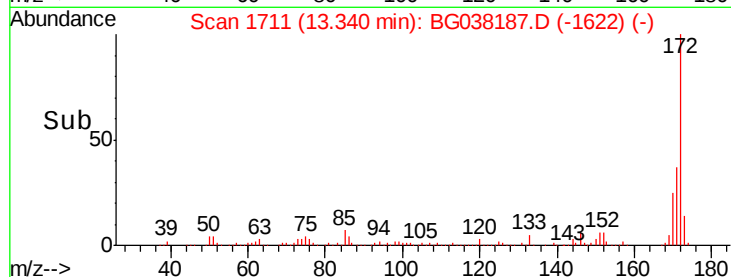
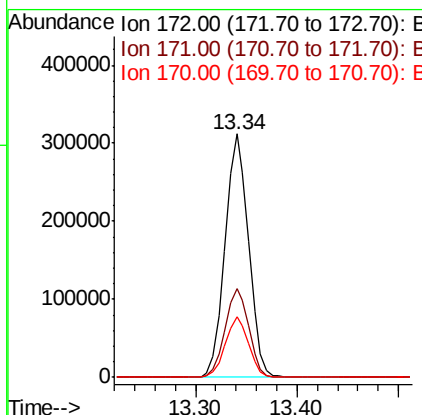
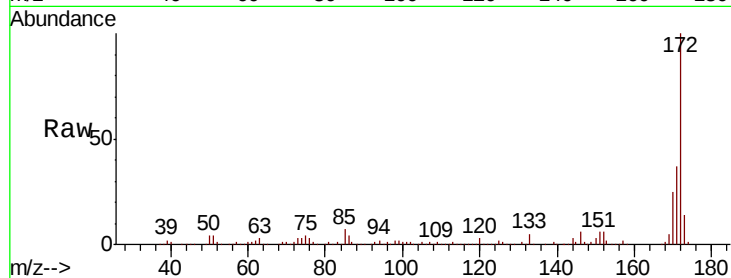




#45
 2-Fluorobiphenyl
 Concen: 75.174 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038187.D
 Acq: 28 Nov 2018 5:30

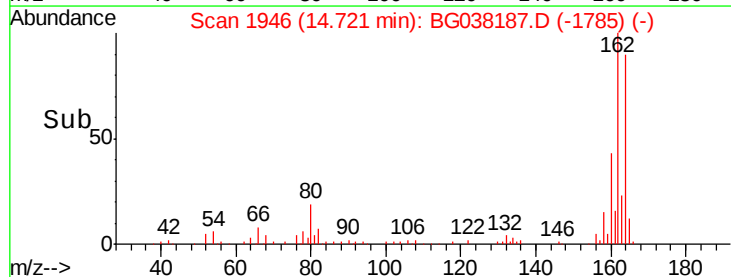
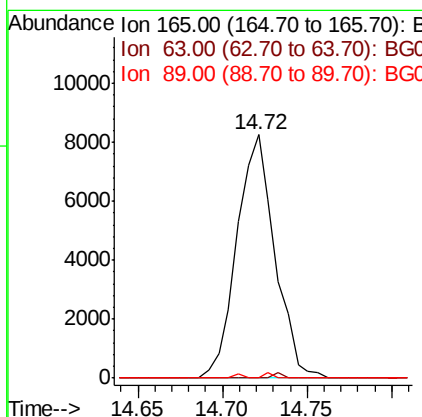
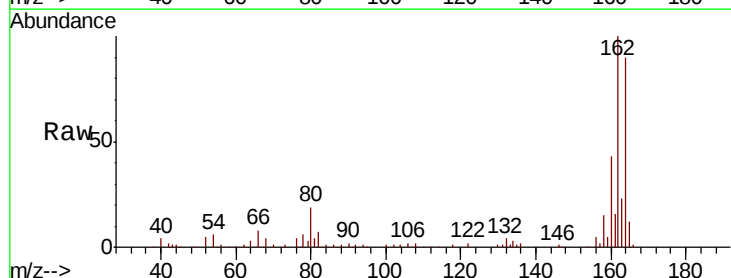
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.0	46.4
170	24.8	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.405 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038187.D
 Acq: 28 Nov 2018 5:30

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

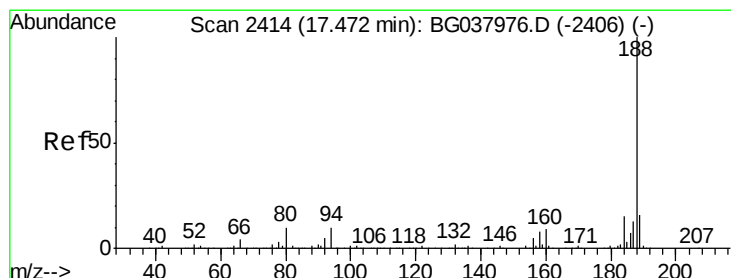
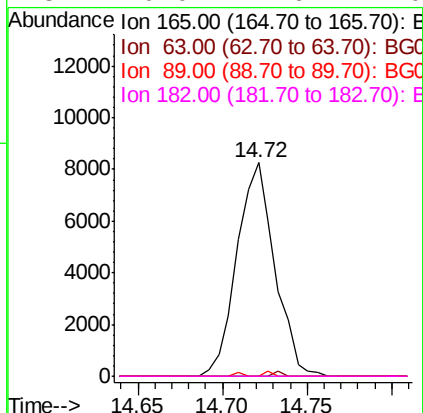
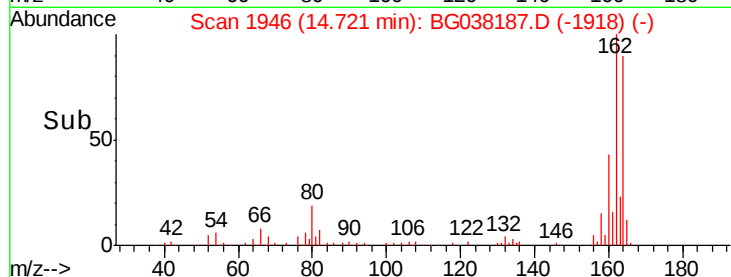
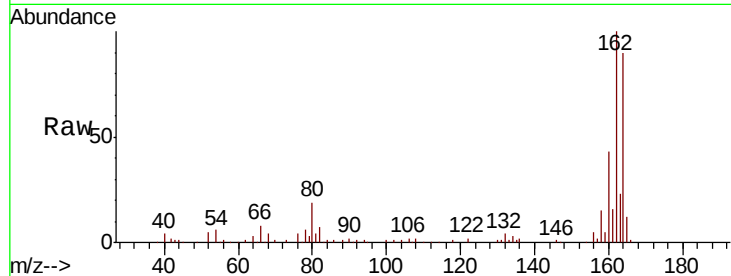




#57
 2,4-Dinitrotoluene
 Concen: 5.442 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038187.D
 Acq: 28 Nov 2018 5:30

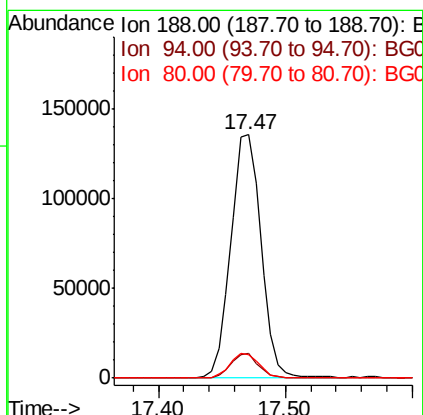
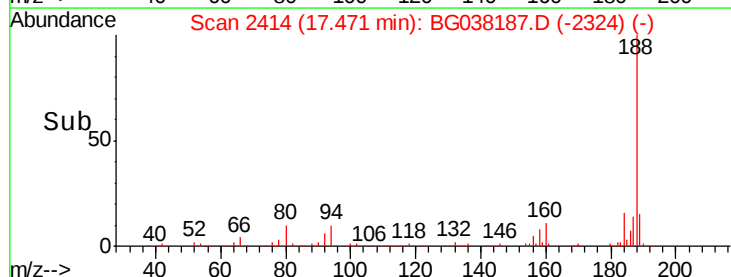
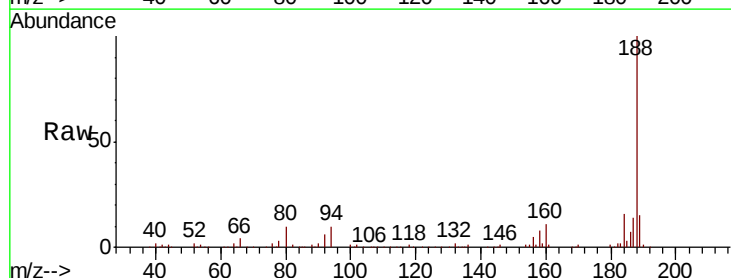
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:	165	Resp:	12896
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#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038187.D
 Acq: 28 Nov 2018 5:30

Tgt Ion:	188	Resp:	224010
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	9.9	7.7	11.5

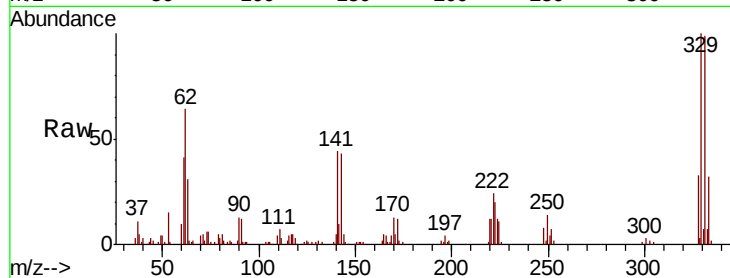




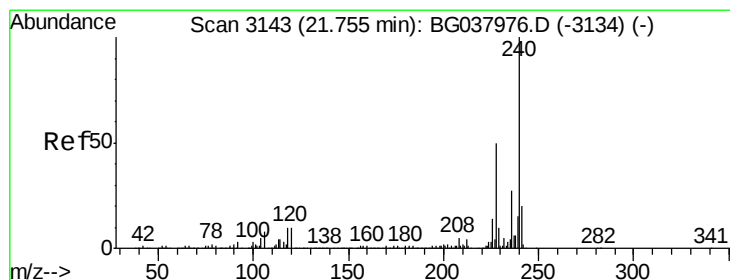
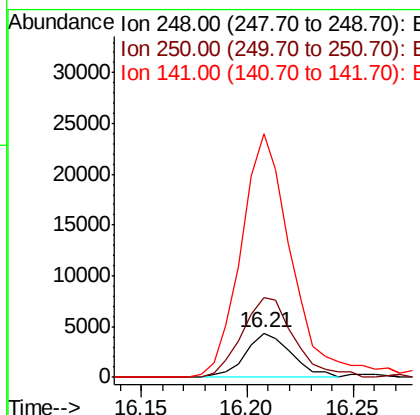
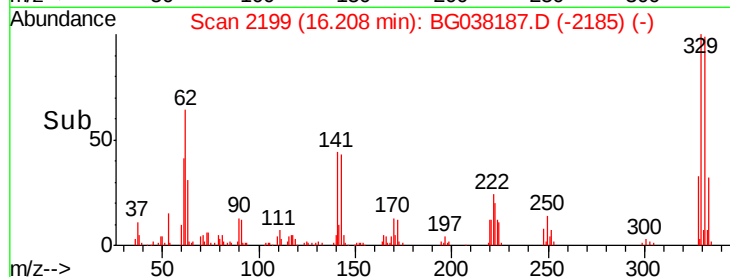
#67
 4-Bromophenyl-phenylether
 Concen: 2.673 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038187.D
 Acq: 28 Nov 2018 5:30

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:248 Resp: 6571
 Ion Ratio Lower Upper
 248 100
 250 186.6 77.0 115.6#
 141 434.3 55.5 83.3#

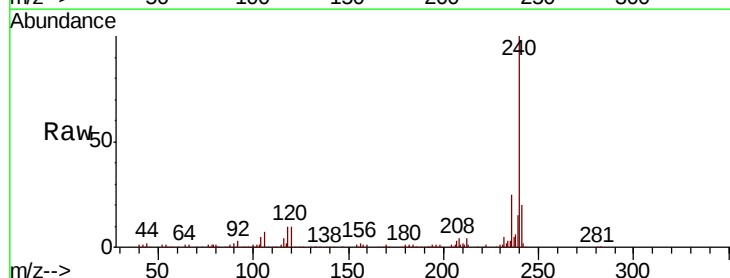


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

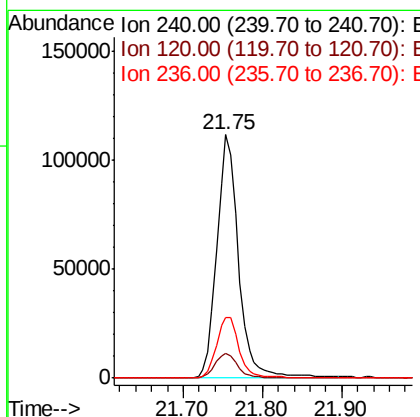
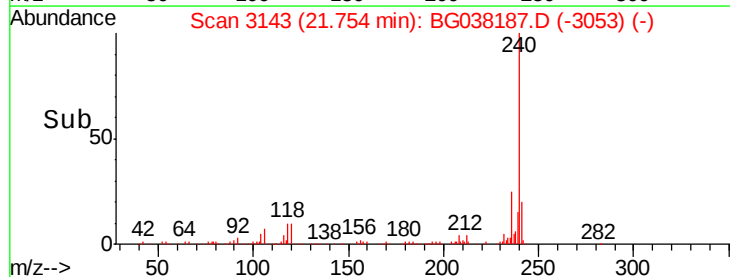


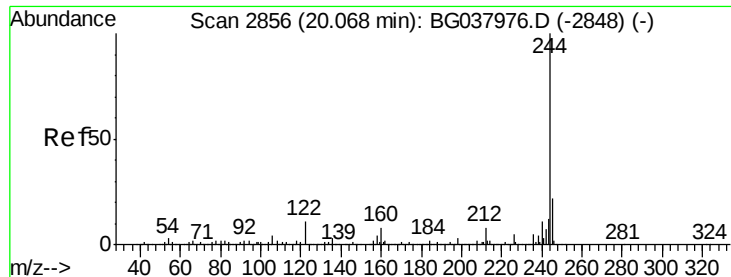
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG038187.D
 Acq: 28 Nov 2018 5:30

Tgt Ion:240 Resp: 212591
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 25.0 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: 93.638 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038187.D

Acq: 28 Nov 2018 5:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

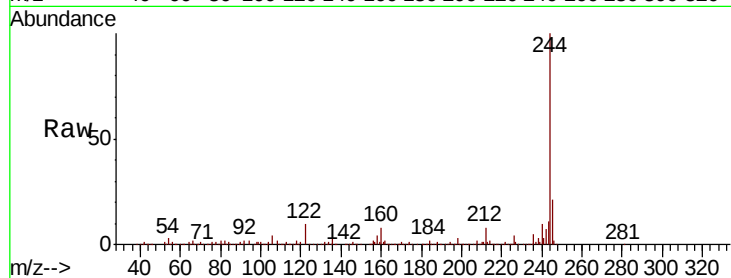
Tgt Ion:244 Resp: 846002

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

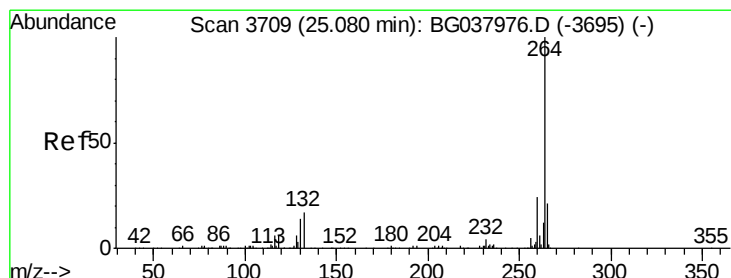
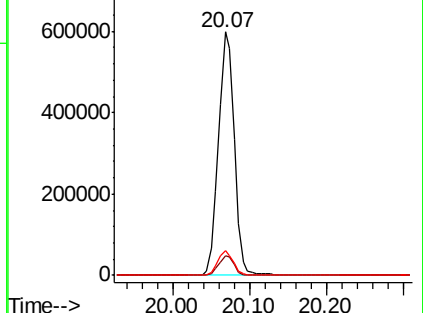
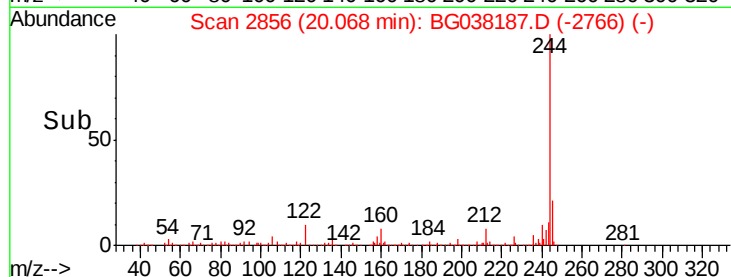
122 10.4 9.0 13.4



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: 25.09 min Scan# 3710

Delta R.T. 0.01 min

Lab File: BG038187.D

Acq: 28 Nov 2018 5:30

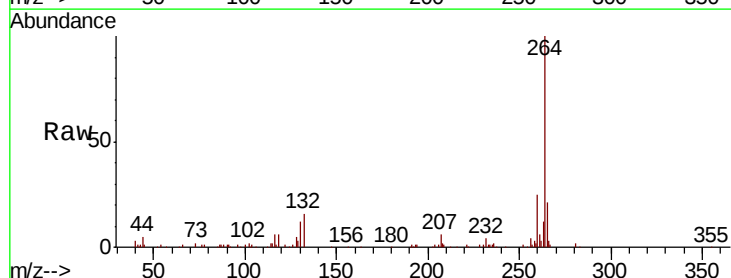
Tgt Ion:264 Resp: 177807

Ion Ratio Lower Upper

264 100

260 25.3 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

