

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036480.D
 Acq On : 29 Aug 2018 6:47
 Operator : JU/SJ
 Sample : PB112355TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Aug 29 07:22:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

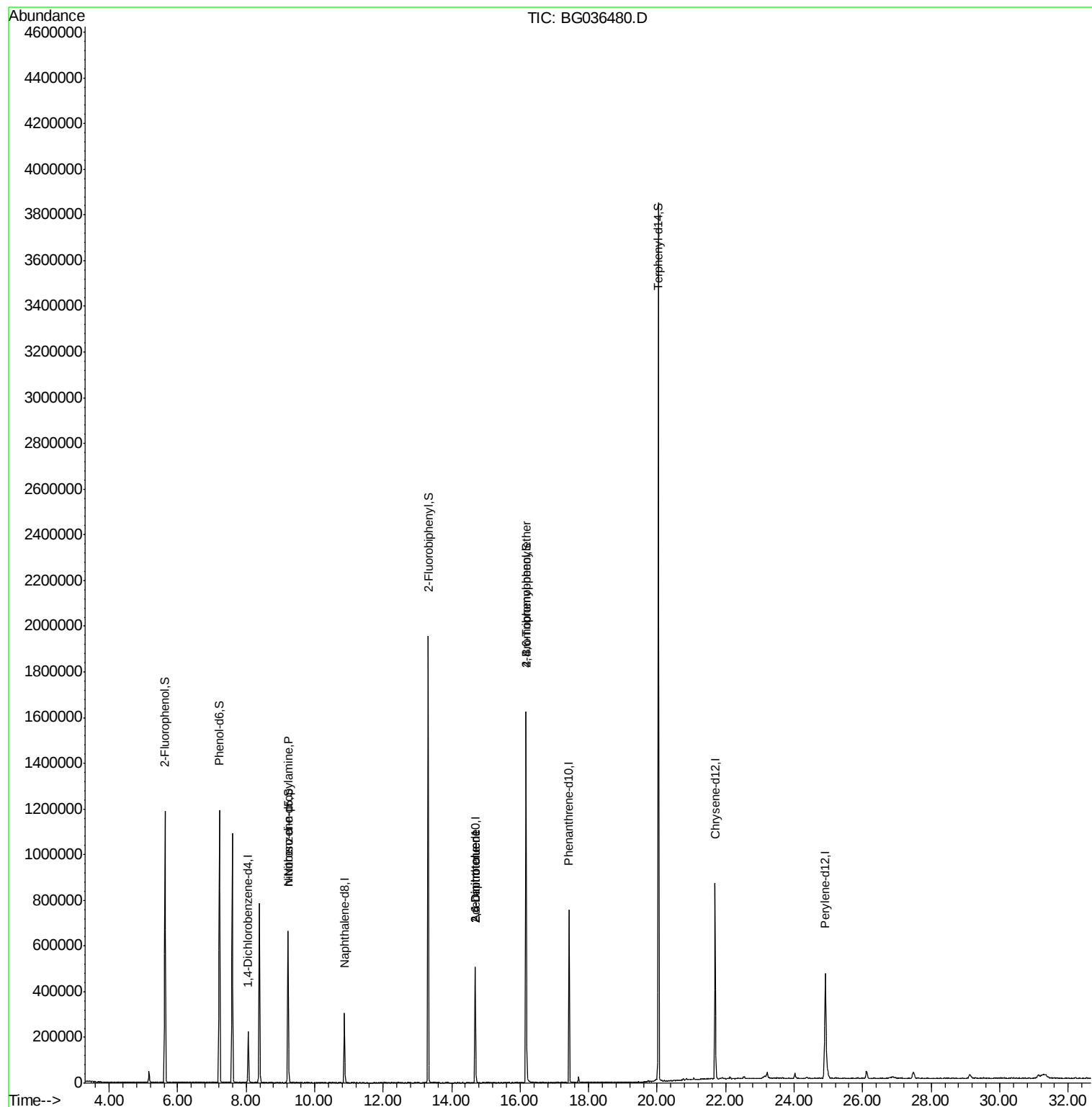
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63543	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	266415	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	179860	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	480418	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	525907	20.00	ng	-0.02
86) Perylene-d12	24.91	264	526222	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	494188	123.37	ng	0.00
7) Phenol-d6	7.22	99	697781	121.67	ng	0.00
23) Nitrobenzene-d5	9.23	82	410394	83.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	302235	140.83	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1003772	79.68	ng	-0.01
78) Terphenyl-d14	20.04	244	1787726	79.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	54984	12.828	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	23436	7.755	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	23436	5.950	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	21554	3.832	ng	# 1

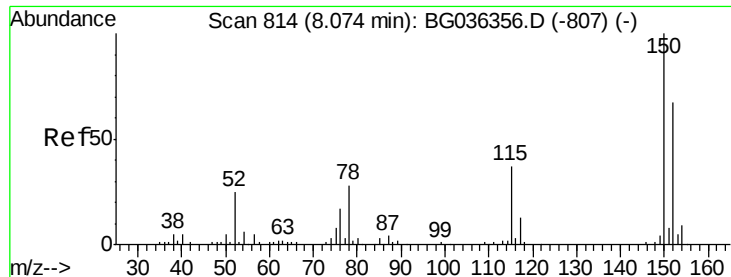
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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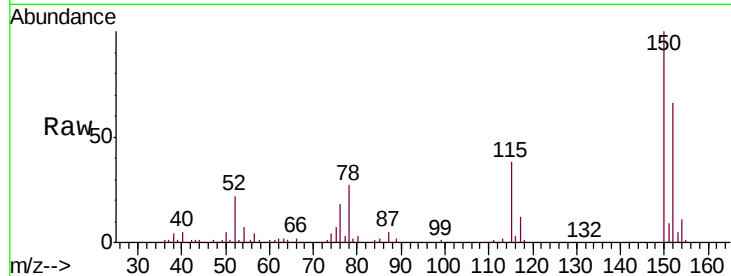


#1

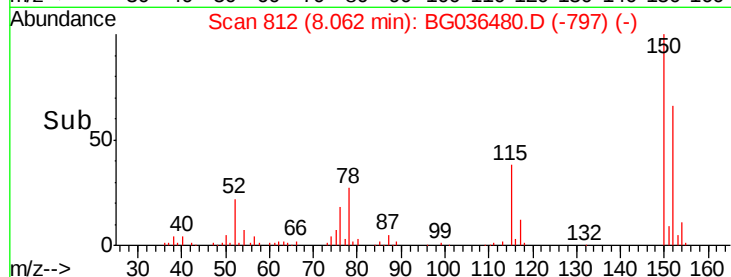
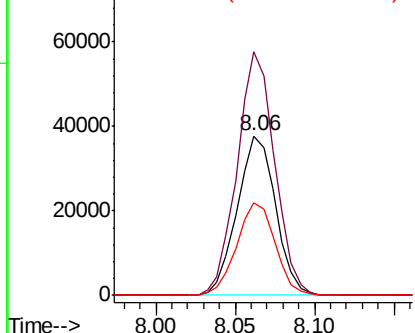
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036480.D
Acq: 29 Aug 2018 6:47

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 63543
Ion Ratio Lower Upper
152 100
150 152.5 119.5 179.3
115 58.3 44.5 66.7



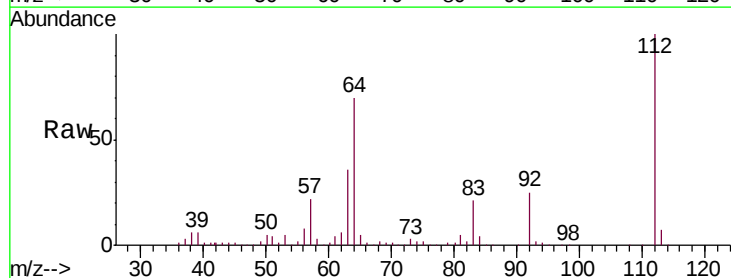
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



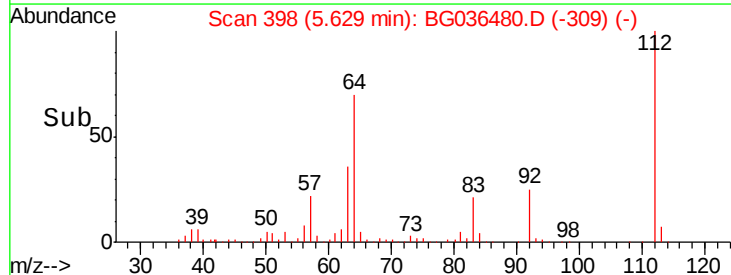
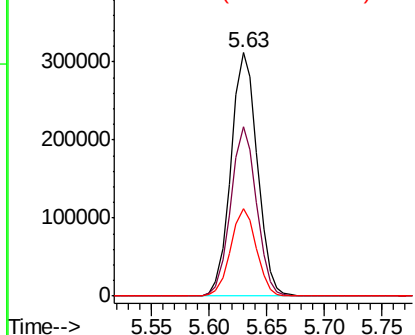
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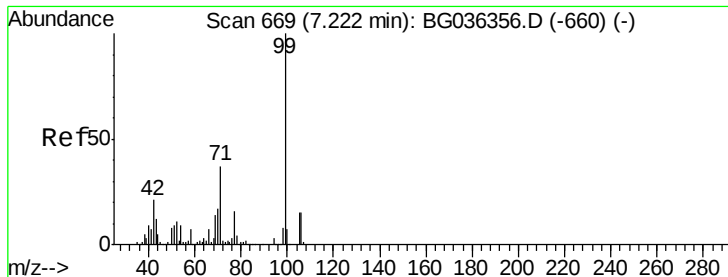
2-Fluorophenol
Concen: 123.370 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG036480.D
Acq: 29 Aug 2018 6:47

Tgt Ion:112 Resp: 494188
Ion Ratio Lower Upper
112 100
64 69.5 57.2 85.8
63 35.8 30.8 46.2



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: 121.665 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

Instrument :

BNA_G

ClientSampled :

DFTPP

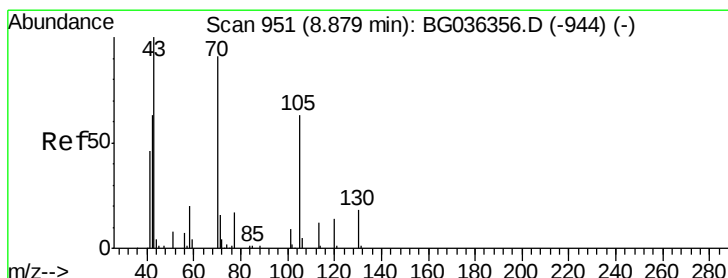
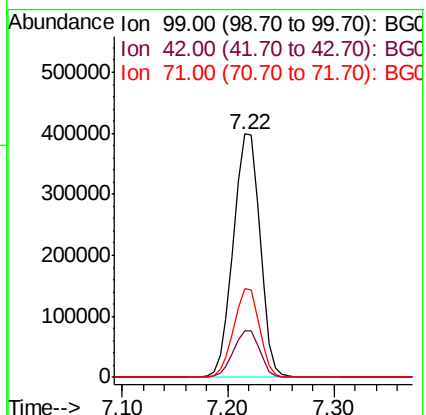
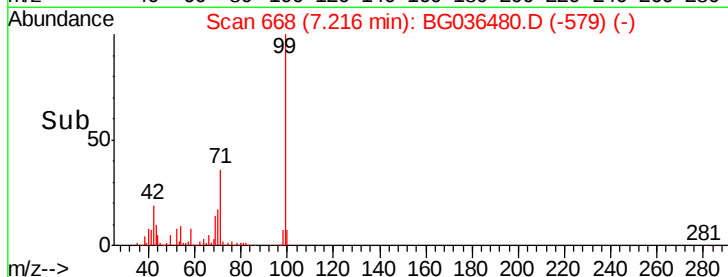
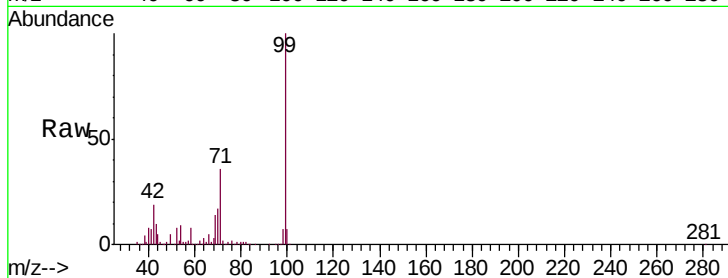
Tgt Ion: 99 Resp: 697781

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

71 36.4 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.828 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

Tgt Ion: 70 Resp: 54984

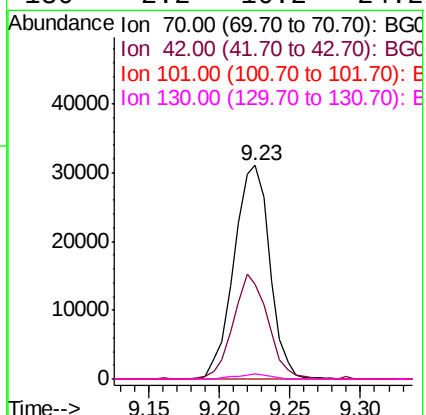
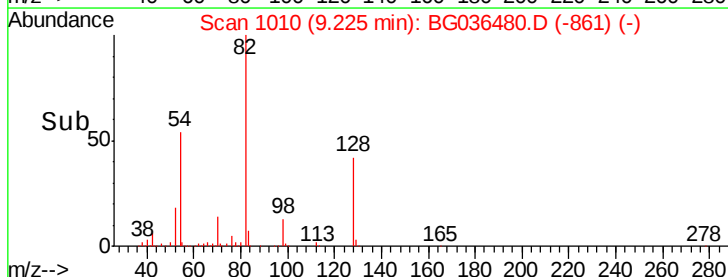
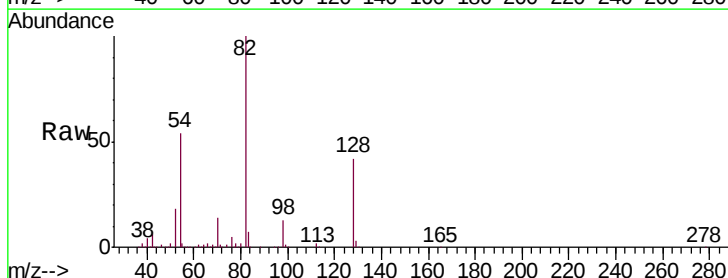
Ion Ratio Lower Upper

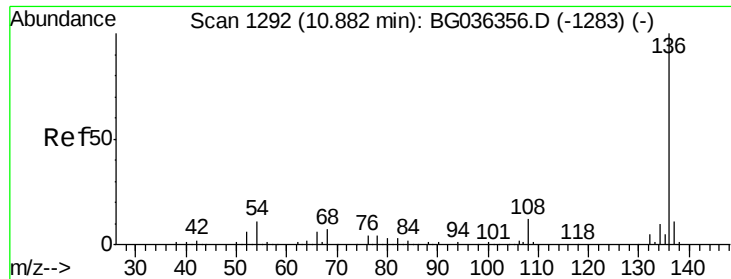
70 100

42 44.2 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#

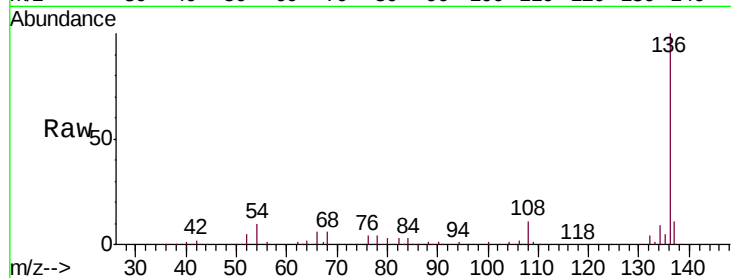




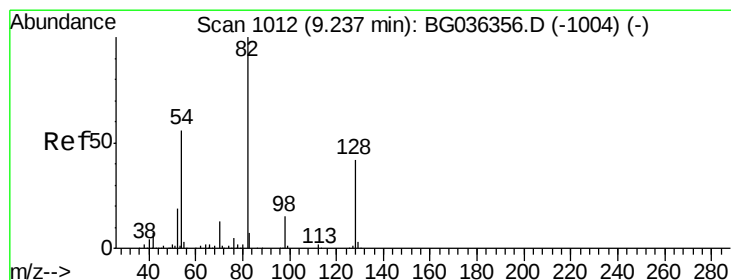
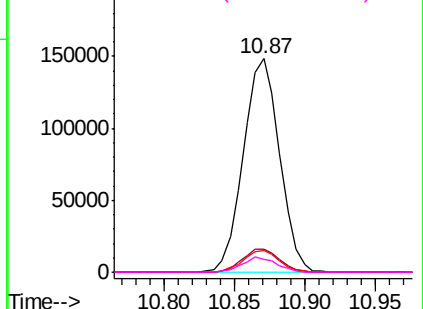
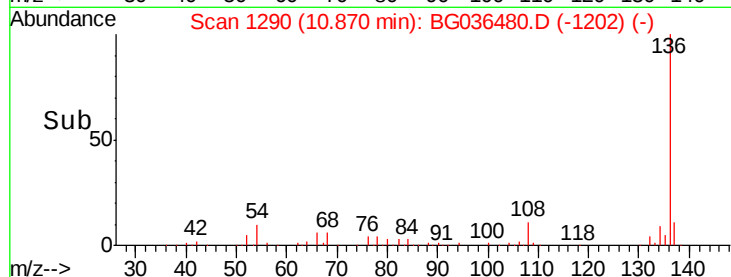
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036480.D
Acq: 29 Aug 2018 6:47

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	266415
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.0	9.2	13.8
68	6.1	5.8	8.6

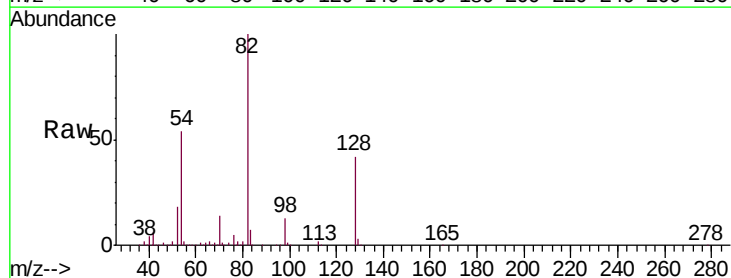


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

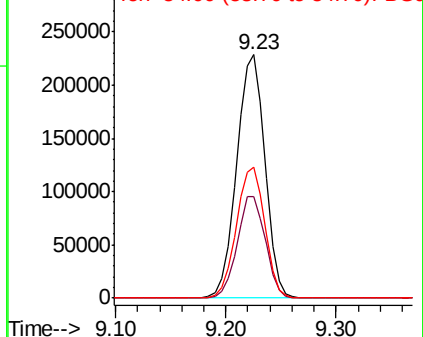
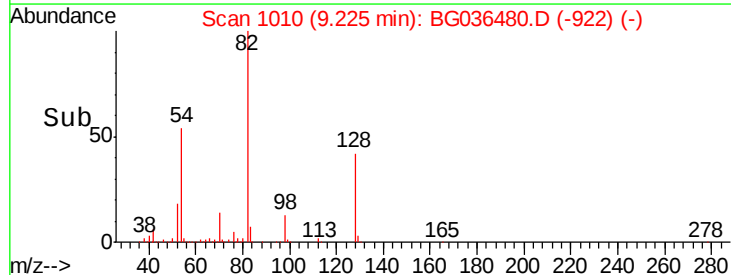


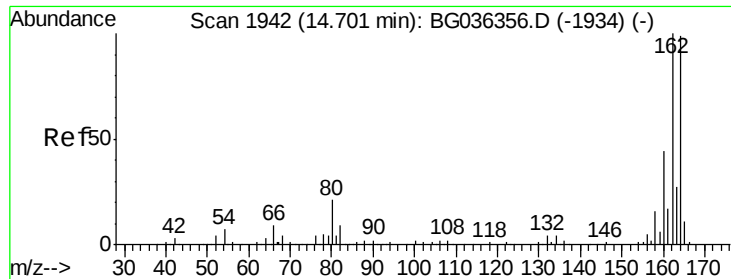
#23
Nitrobenzene-d5
Concen: 83.579 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036480.D
Acq: 29 Aug 2018 6:47

Tgt Ion:	82	Resp:	410394
Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	53.6	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

Instrument :

BNA_G

ClientSampleId :

DFTPP

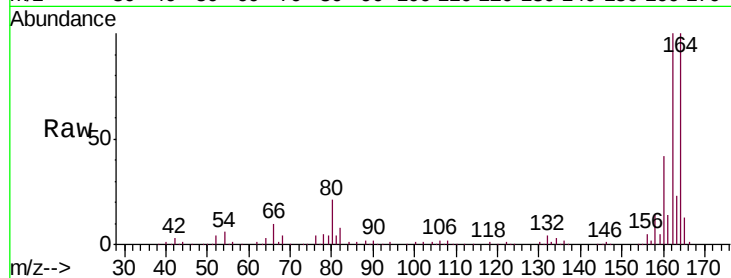
Tgt Ion:164 Resp: 179860

Ion Ratio Lower Upper

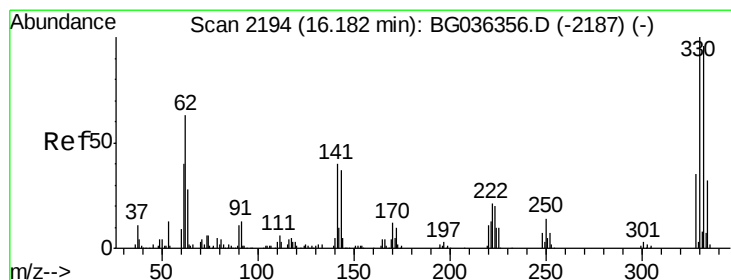
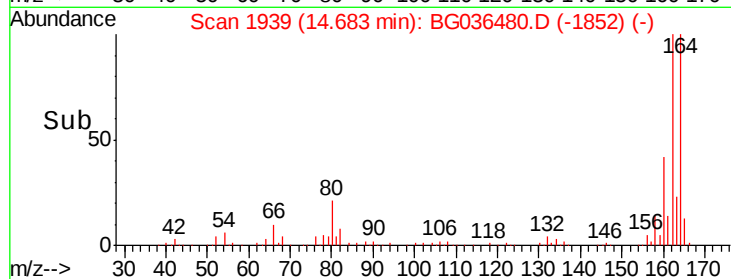
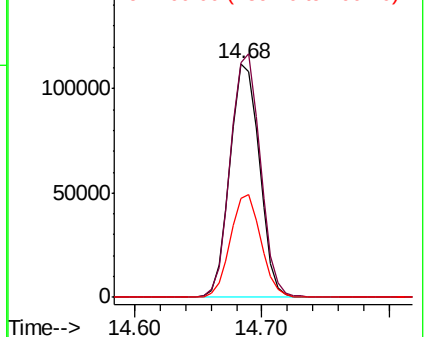
164 100

162 100.4 80.7 121.1

160 42.6 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 140.828 ng

RT: 16.18 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

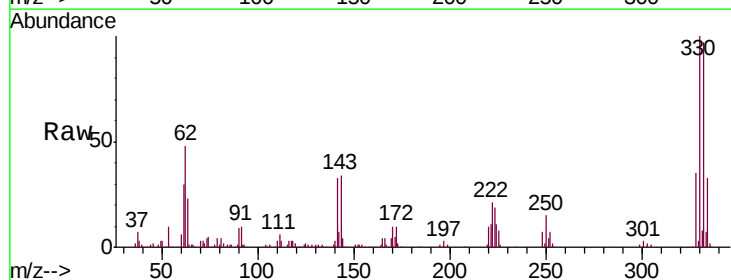
Tgt Ion:330 Resp: 302235

Ion Ratio Lower Upper

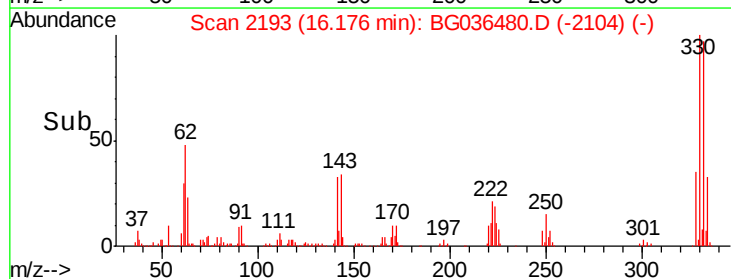
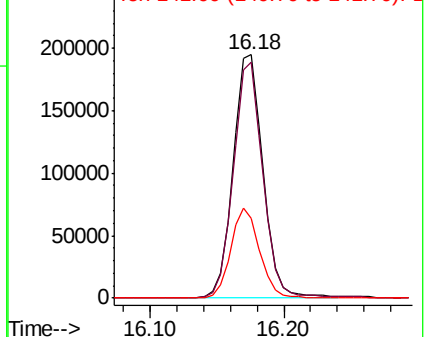
330 100

332 96.0 75.4 113.2

141 35.9 30.7 46.1



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

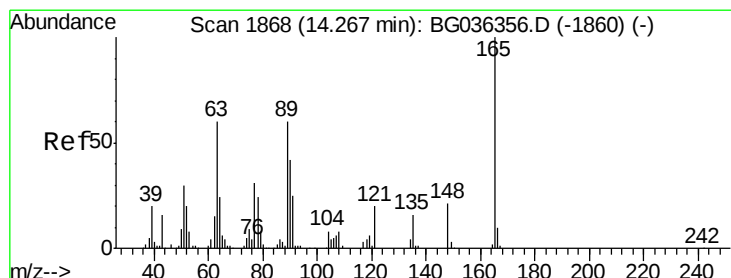
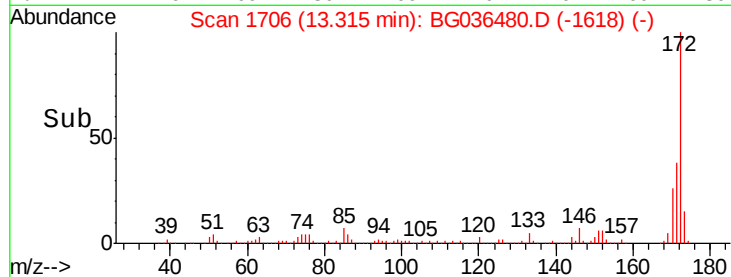
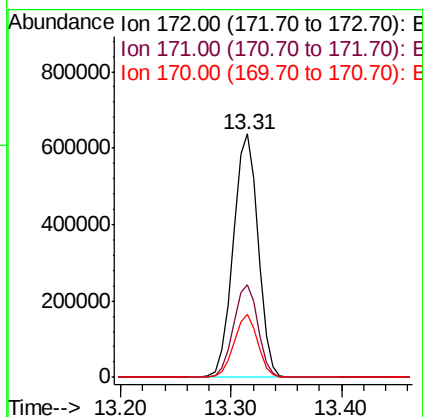
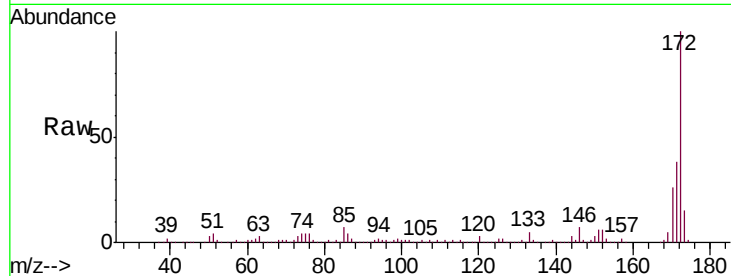




#44
 2-Fluorobiphenyl
 Concen: 79.684 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036480.D
 Acq: 29 Aug 2018 6:47

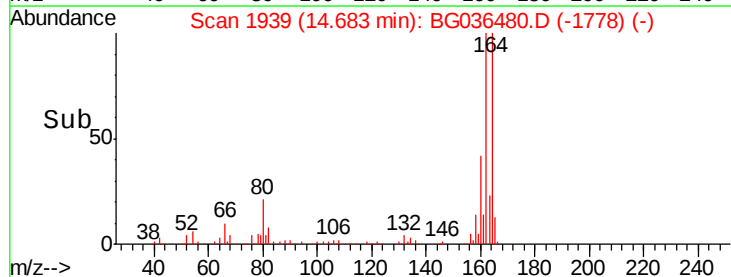
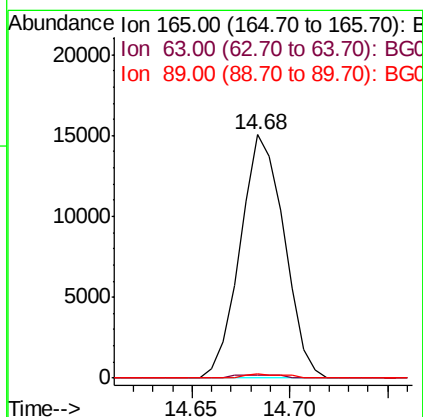
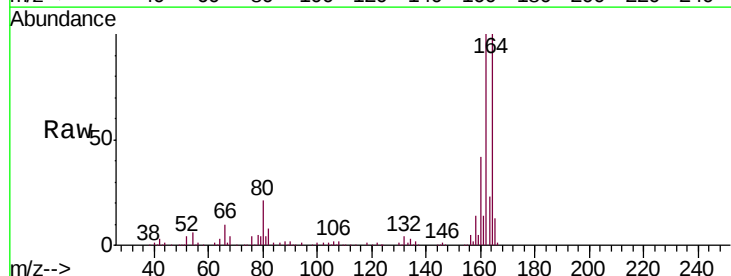
Instrument :
 BNA_G
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 DFTPP

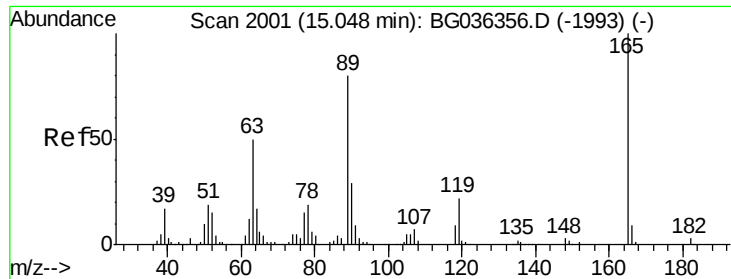
Tgt Ion:172 Resp: 1003772
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 26.0 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.755 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036480.D
 Acq: 29 Aug 2018 6:47

Tgt Ion:165 Resp: 23436
 Ion Ratio Lower Upper
 165 100
 63 1.1 50.1 75.1#
 89 1.7 47.8 71.6#

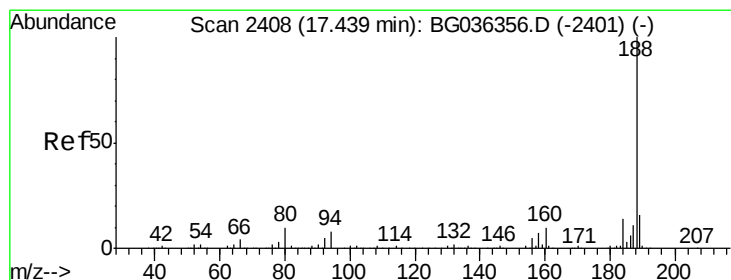
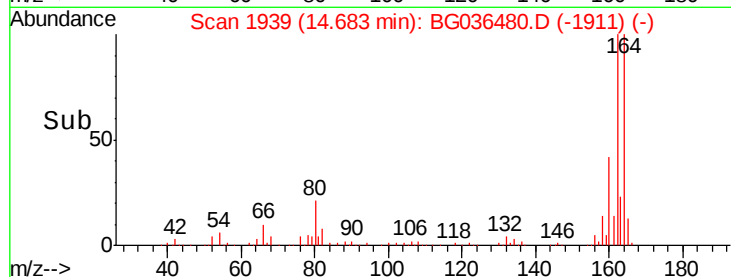
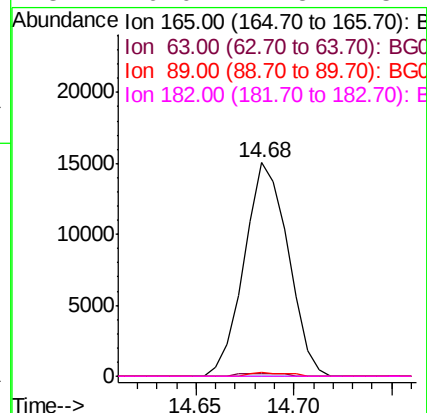
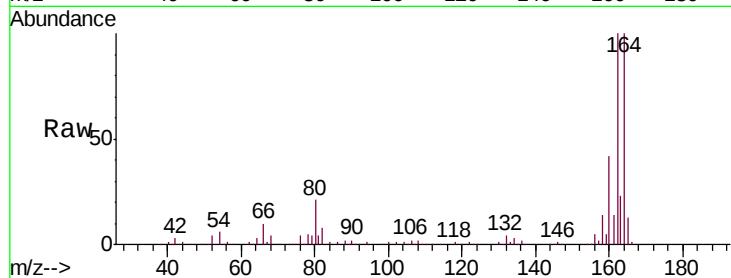




#56
 2,4-Dinitrotoluene
 Concen: 5.950 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036480.D
 Acq: 29 Aug 2018 6:47

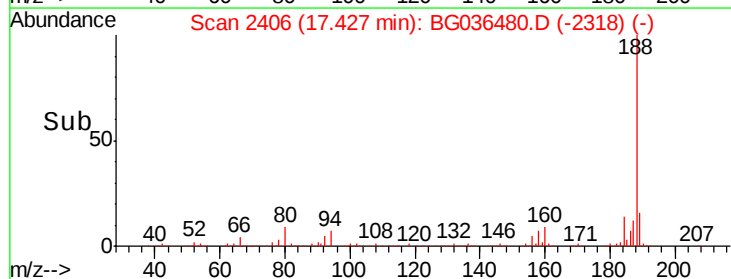
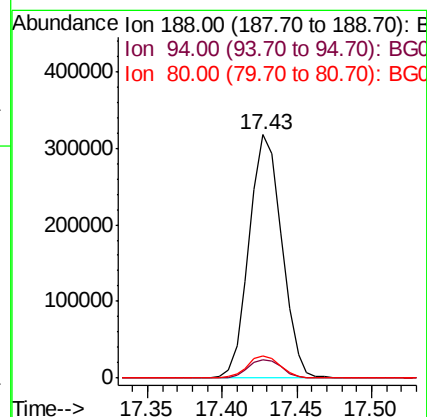
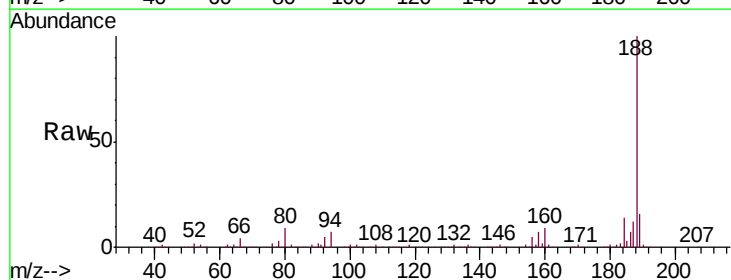
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

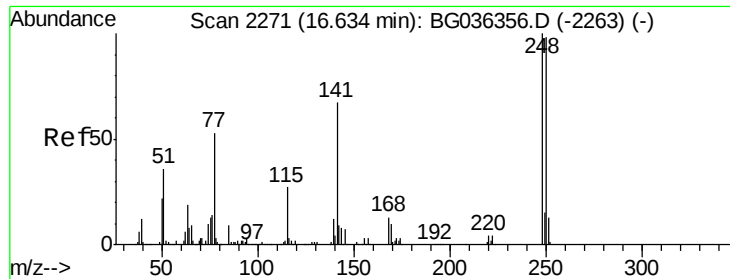
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036480.D
 Acq: 29 Aug 2018 6:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.1	8.1	12.1

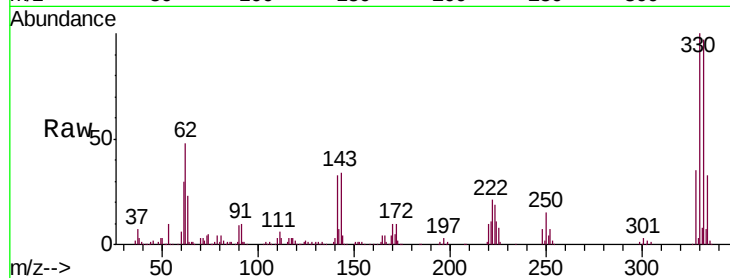




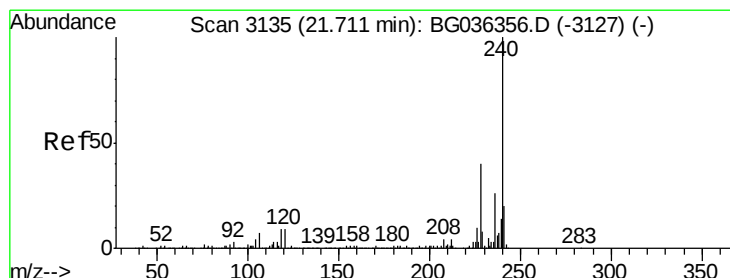
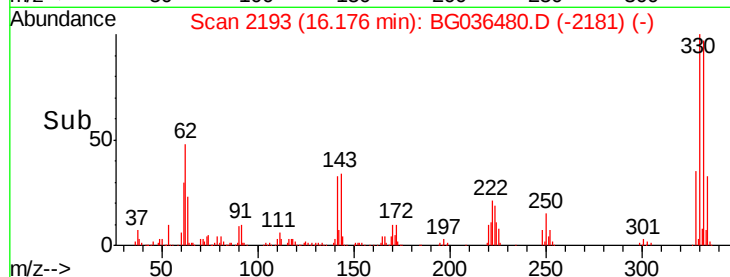
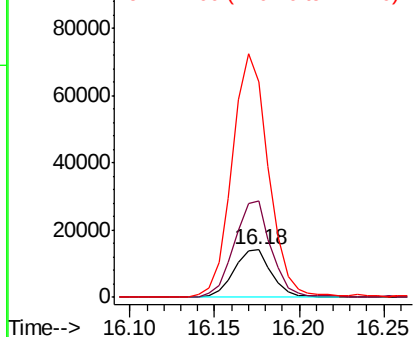
#66
4-Bromophenyl-phenylether
Concen: 3.832 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036480.D
Acq: 29 Aug 2018 6:47

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:248 Resp: 21554
Ion Ratio Lower Upper
248 100
250 203.6 78.1 117.1#
141 454.3 53.7 80.5#

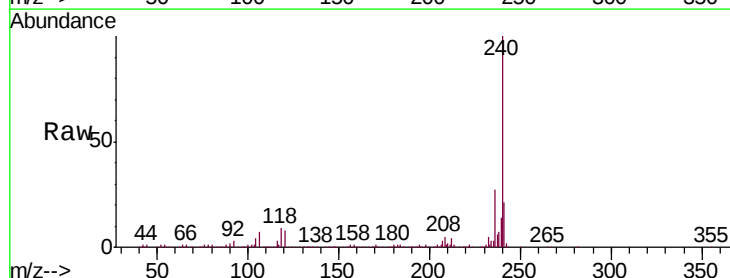


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

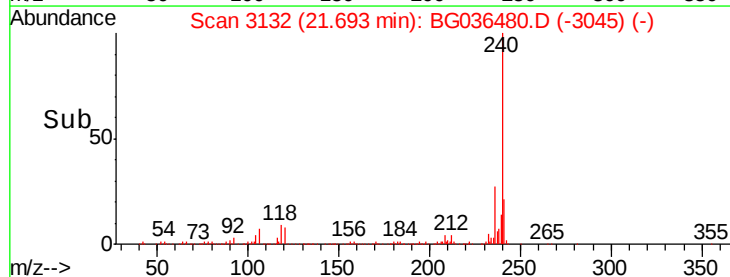
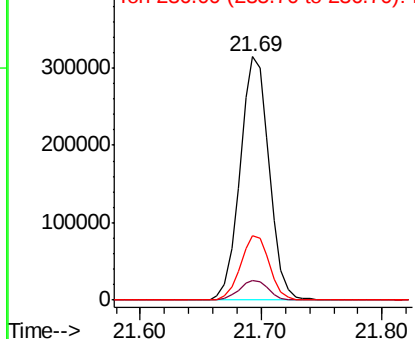


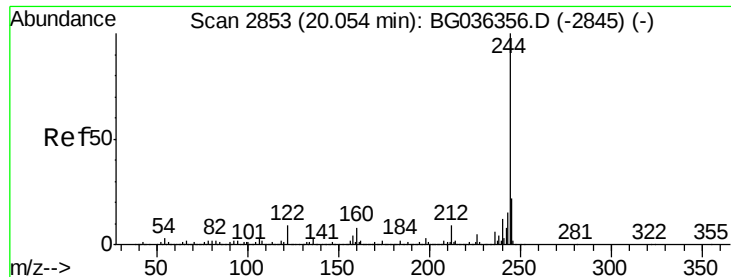
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036480.D
Acq: 29 Aug 2018 6:47

Tgt Ion:240 Resp: 525907
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.6 21.2 31.8



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





#78

Terphenyl-d14

Concen: 79.454 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

Instrument :

BNA_G

ClientSampleId :

DFTPP

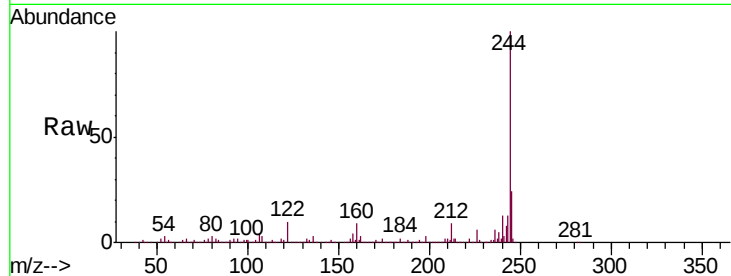
Tgt Ion:244 Resp: 1787726

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

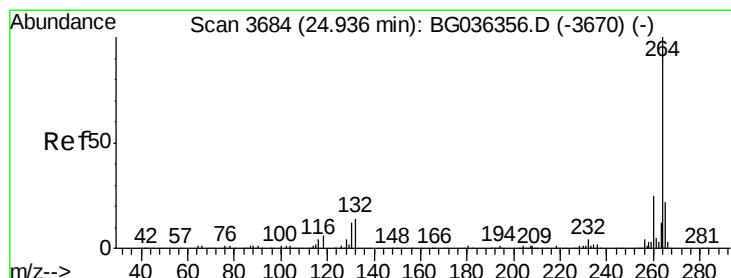
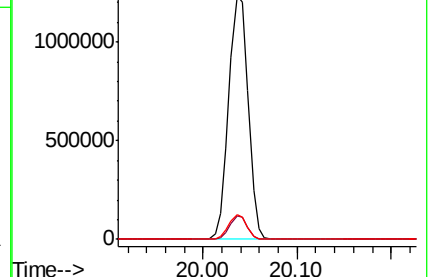
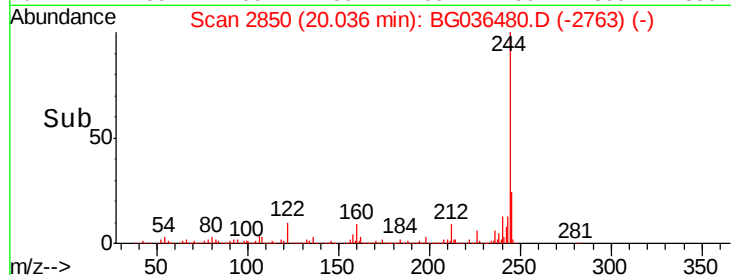
122 10.2 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

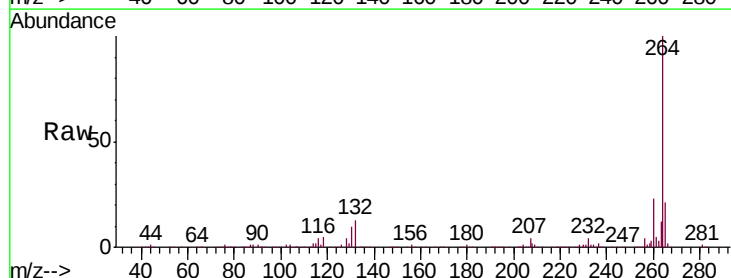
Tgt Ion:264 Resp: 526222

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 20.9 17.4 26.0



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

