

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035495.D
 Acq On : 29 Jun 2018 2:06
 Operator : JU/SJ
 Sample : J3720-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jun 29 04:41:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

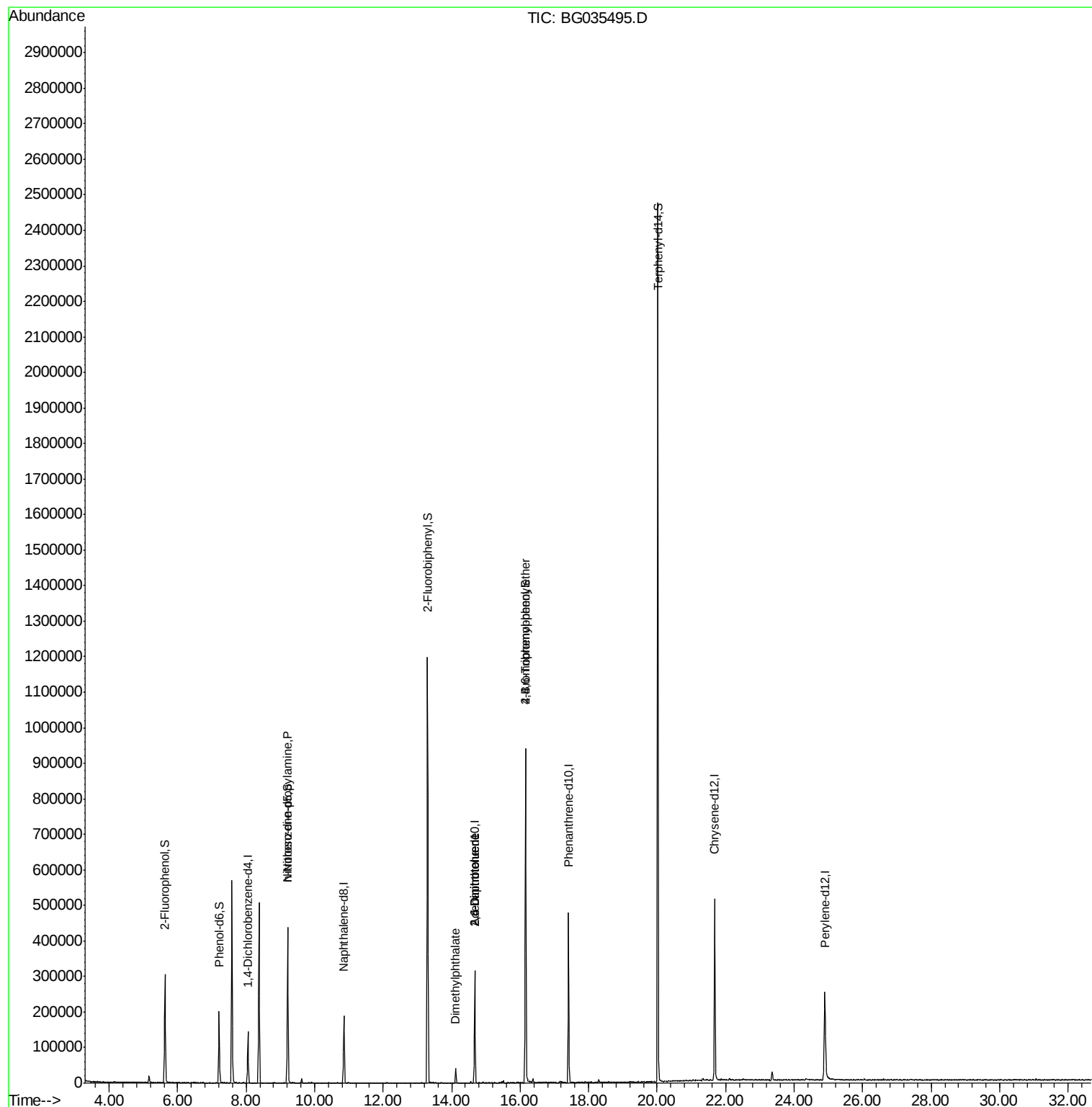
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42403	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	160549	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	111221	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	303186	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	330640	20.00	ng	-0.03
86) Perylene-d12	24.90	264	302610	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	137707	54.81	ng	-0.02
7) Phenol-d6	7.21	99	123688	33.35	ng	-0.02
23) Nitrobenzene-d5	9.21	82	290145	85.90	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	185898	130.57	ng	-0.03
44) 2-Fluorobiphenyl	13.30	172	674762	78.87	ng	-0.03
78) Terphenyl-d14	20.02	244	1188994	75.33	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	40393	12.821	ng	# 70
49) Dimethylphthalate	14.12	163	27346	2.820	ng	# 94
50) 2,6-Dinitrotoluene	14.67	165	14973	8.462	ng	# 18
56) 2,4-Dinitrotoluene	14.67	165	14973	6.370	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	15119	4.141	ng	# 1

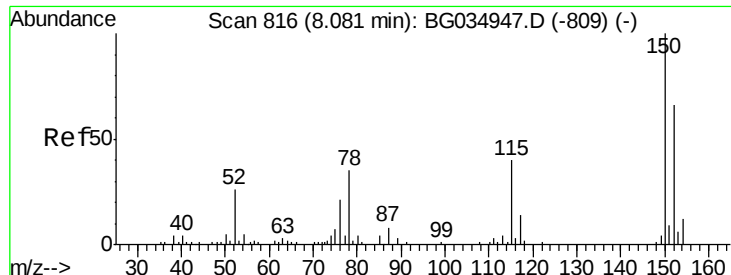
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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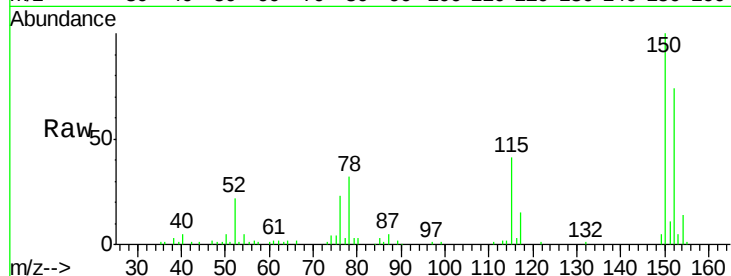


#1

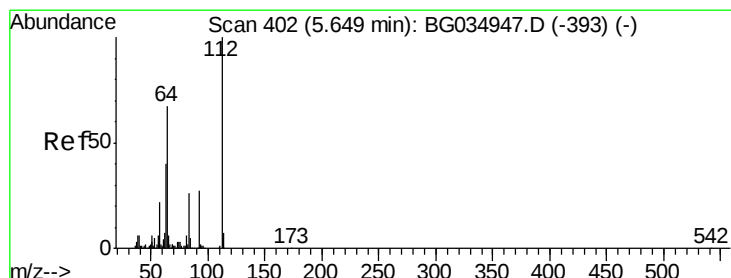
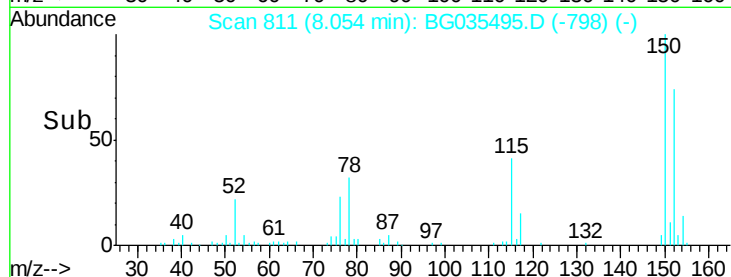
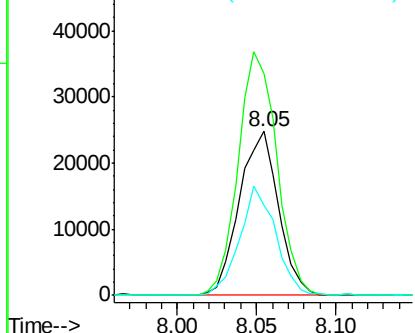
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035495.D
Acq: 29 Jun 2018 2:06

Instrument :
BNA_G
ClientSampled :
DFTPP

Tgt Ion:152 Resp: 42403
Ion Ratio Lower Upper
152 100
150 135.3 126.6 189.8
115 55.3 53.0 79.4



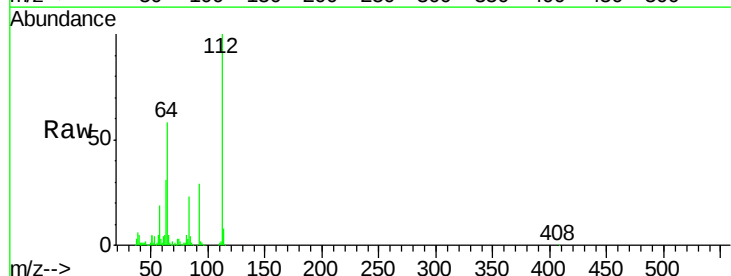
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



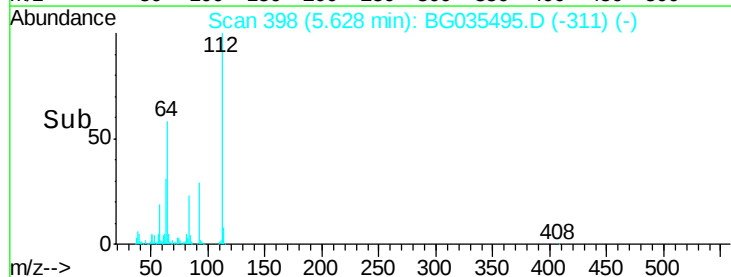
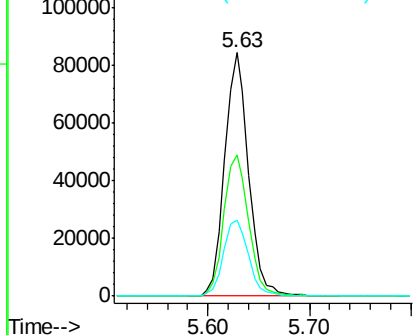
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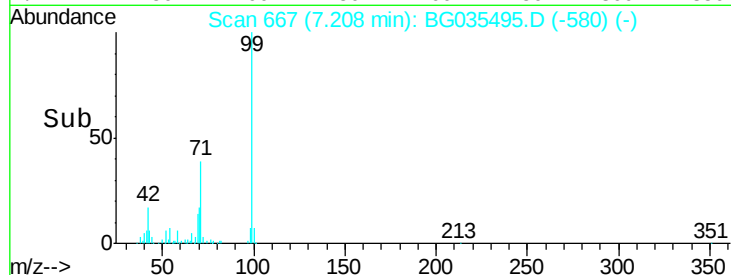
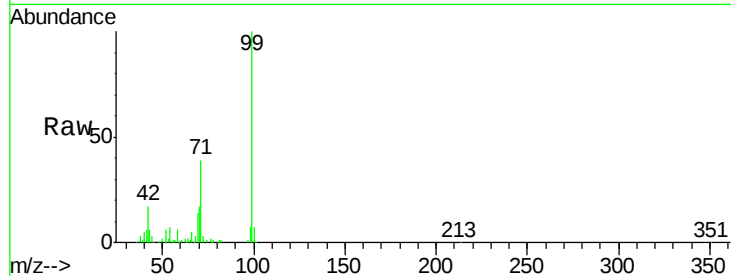
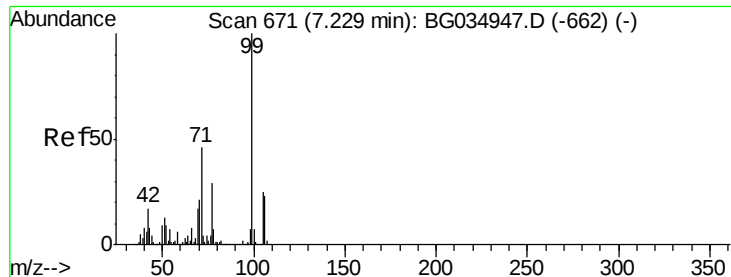
2-Fluorophenol
Concen: 54.806 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035495.D
Acq: 29 Jun 2018 2:06

Tgt Ion:112 Resp: 137707
Ion Ratio Lower Upper
112 100
64 57.9 56.3 84.5
63 31.4 30.1 45.1



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: 33.353 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035495.D

Acq: 29 Jun 2018 2:06

Instrument :

BNA_G

ClientSampleId :

DFTPP

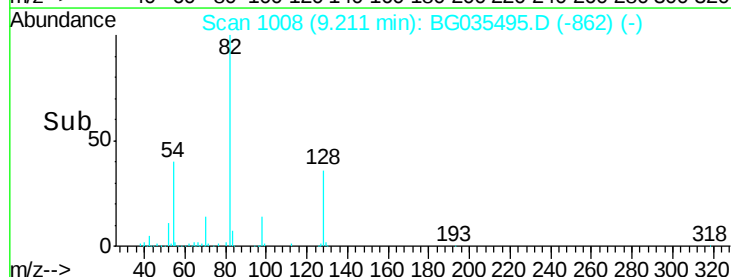
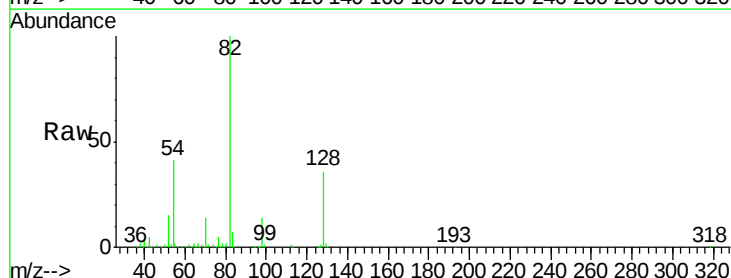
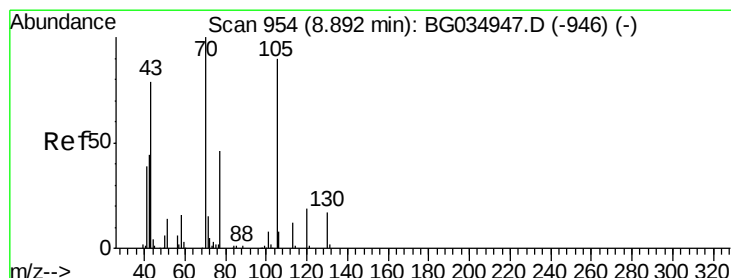
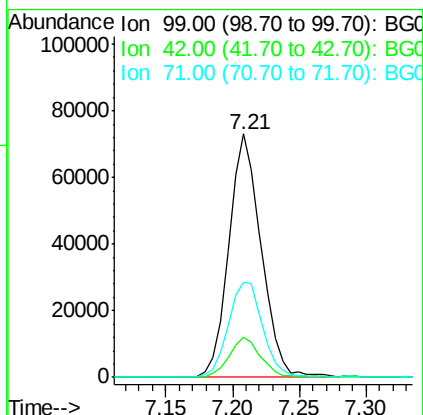
Tgt Ion: 99 Resp: 123688

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 39.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 12.821 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035495.D

Acq: 29 Jun 2018 2:06

Tgt Ion: 70 Resp: 40393

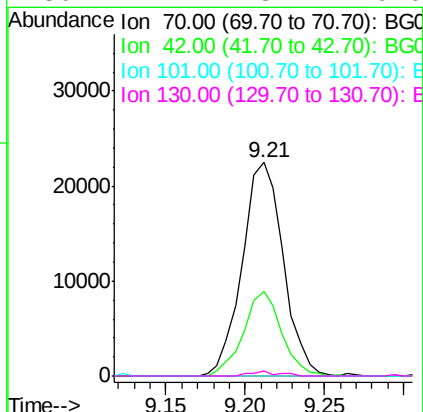
Ion Ratio Lower Upper

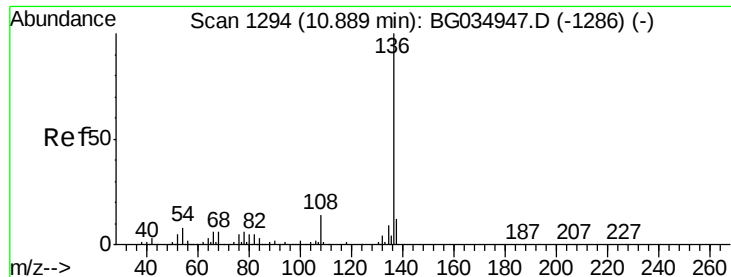
70 100

42 39.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

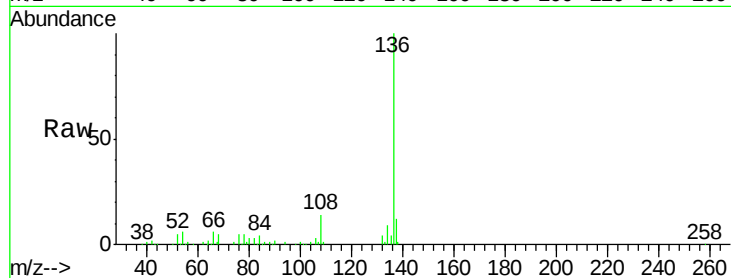




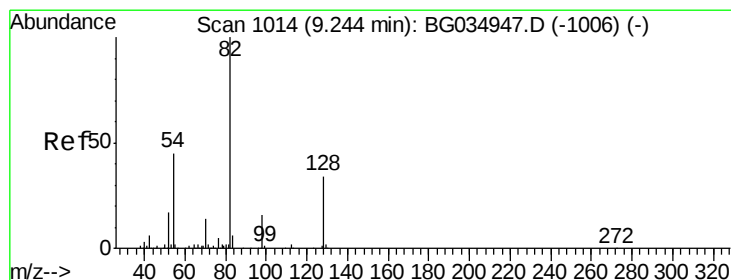
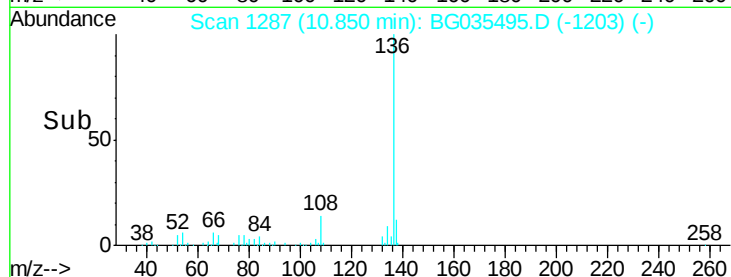
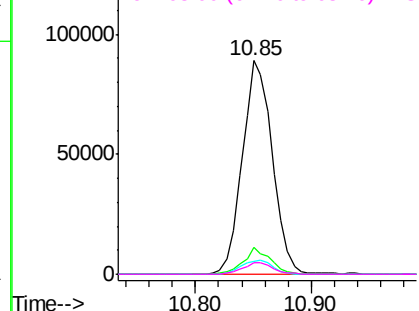
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BG035495.D
Acq: 29 Jun 2018 2:06

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	160549
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	6.2	10.3	15.5#
68	5.5	4.5	6.7

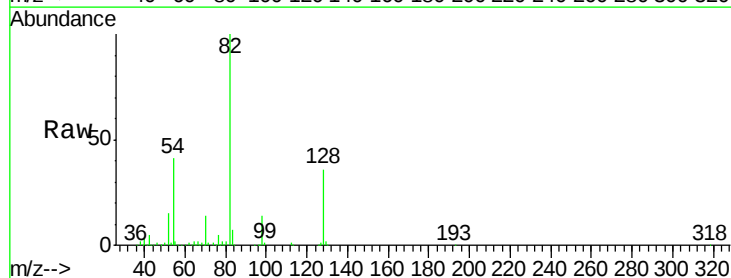


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

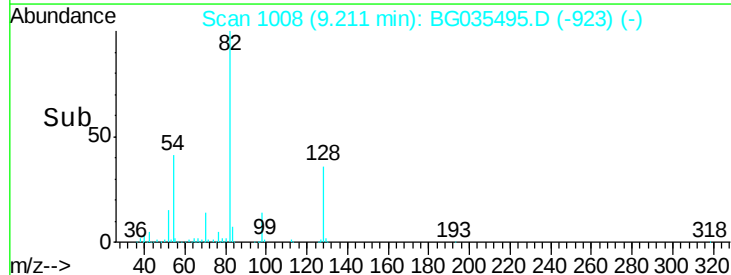
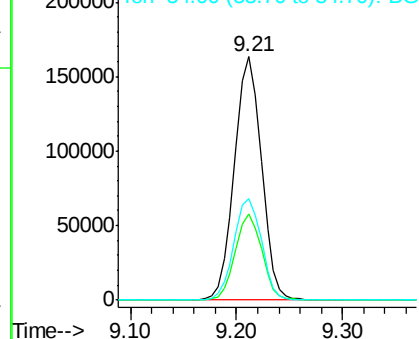


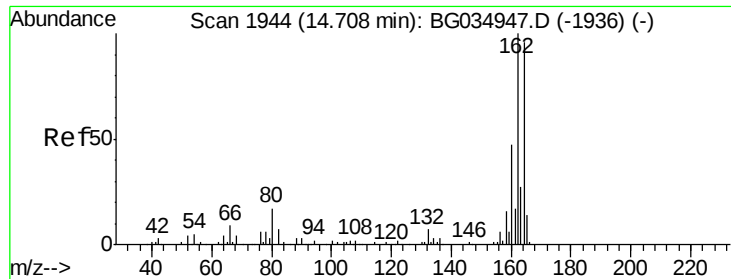
#23
Nitrobenzene-d5
Concen: 85.904 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035495.D
Acq: 29 Jun 2018 2:06

Tgt Ion:	82	Resp:	290145
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	41.5	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

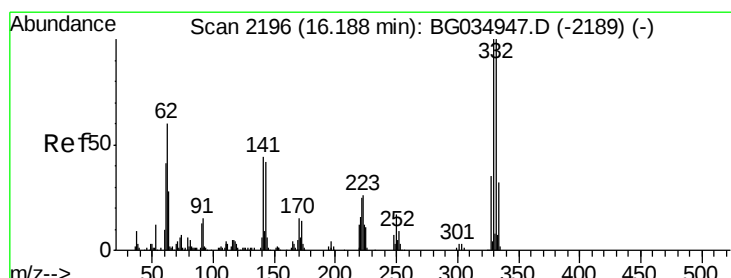
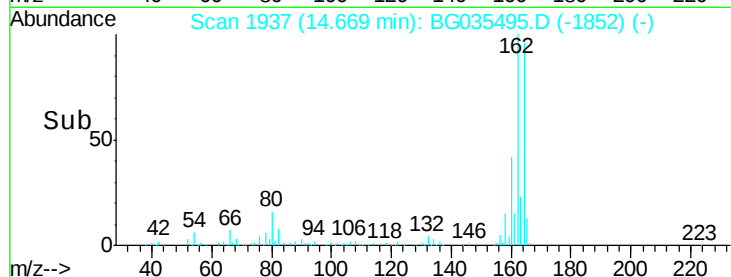
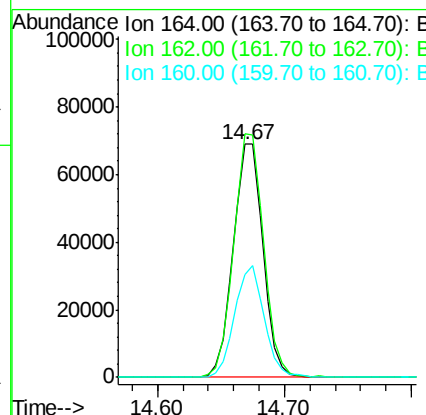
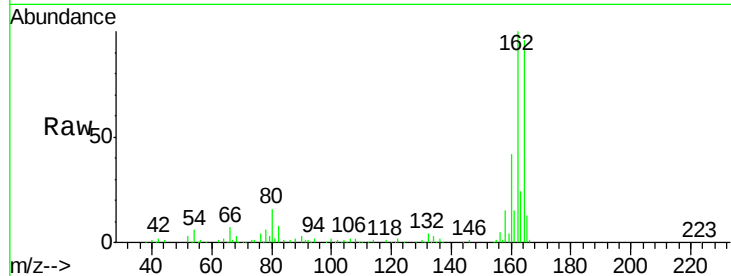




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.03 min
 Lab File: BG035495.D
 Acq: 29 Jun 2018 2:06

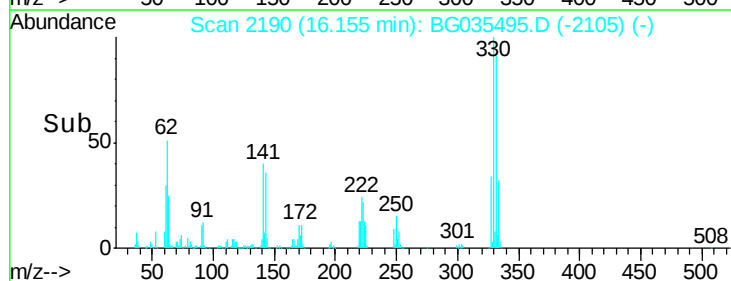
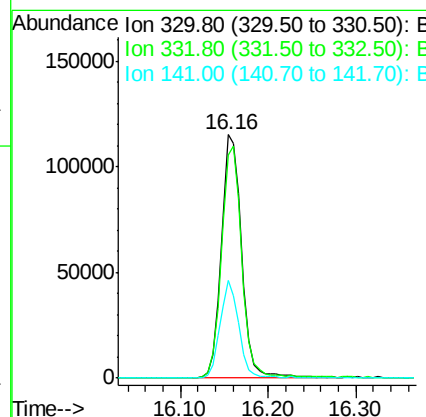
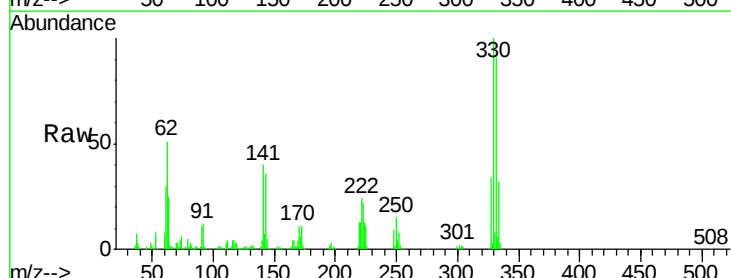
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

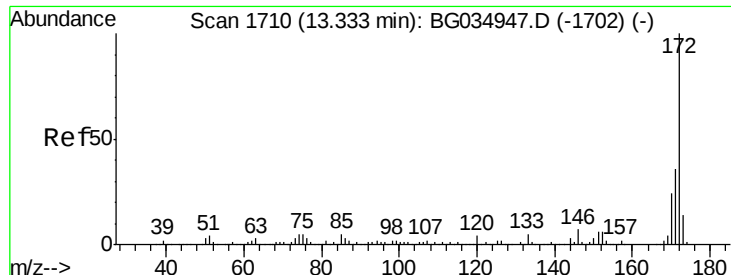
Tgt Ion:164 Resp: 111221
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 44.1 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 130.567 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.03 min
 Lab File: BG035495.D
 Acq: 29 Jun 2018 2:06

Tgt Ion:330 Resp: 185898
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 36.8 25.2 37.8

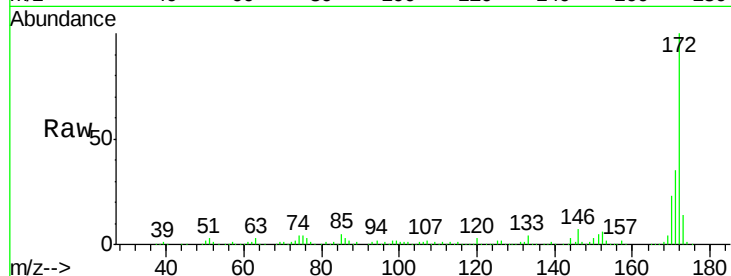




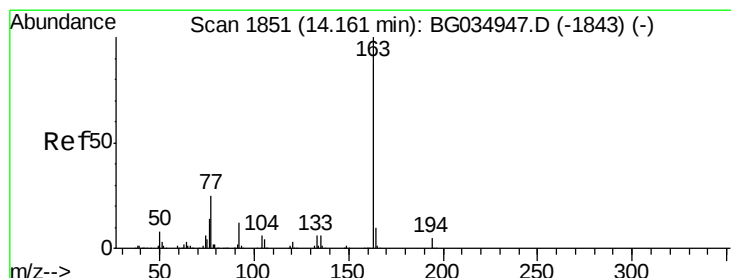
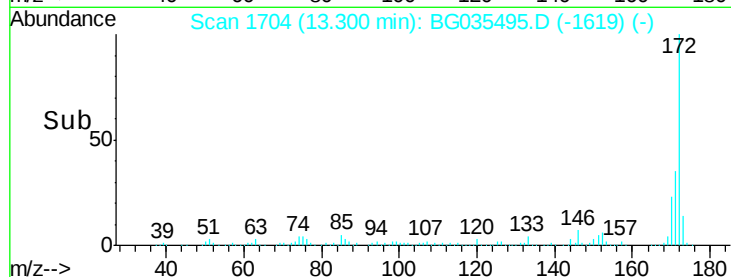
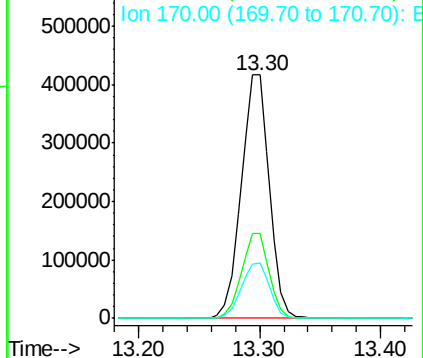
#44
 2-Fluorobiphenyl
 Concen: 78.869 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035495.D
 Acq: 29 Jun 2018 2:06

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 674762
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.0 45.0
 170 23.0 19.5 29.3

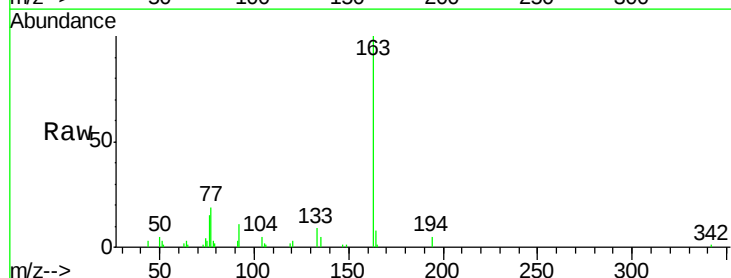


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

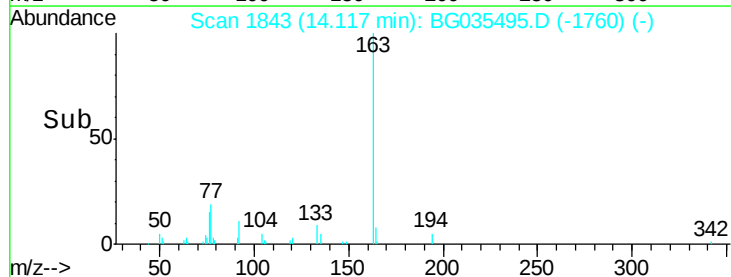
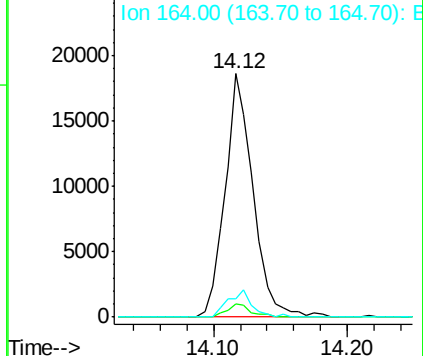


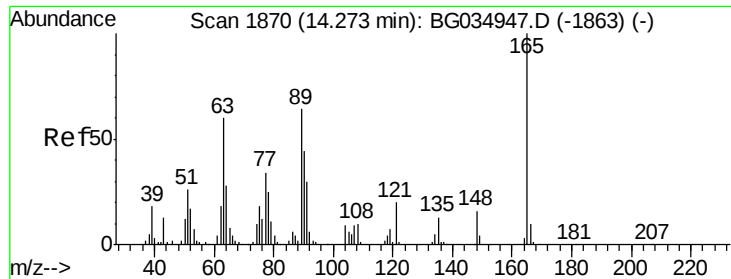
#49
 Dimethylphthalate
 Concen: 2.820 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. -0.04 min
 Lab File: BG035495.D
 Acq: 29 Jun 2018 2:06

Tgt Ion:163 Resp: 27346
 Ion Ratio Lower Upper
 163 100
 194 5.3 3.4 5.2#
 164 7.7 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

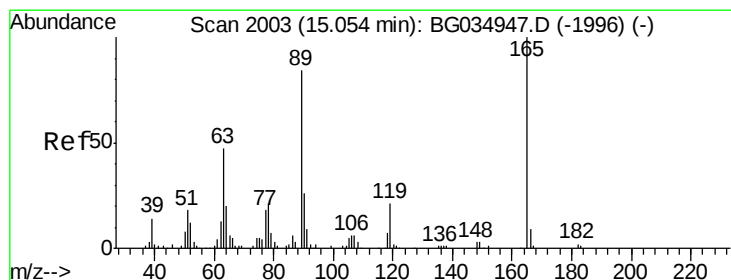
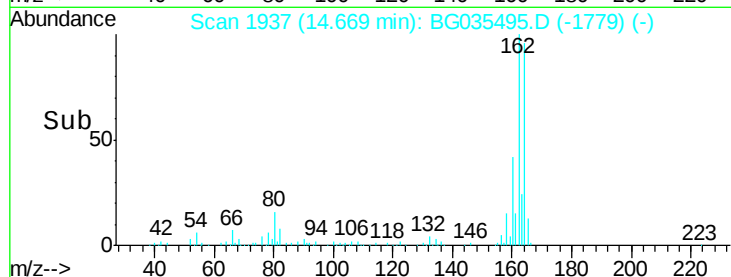
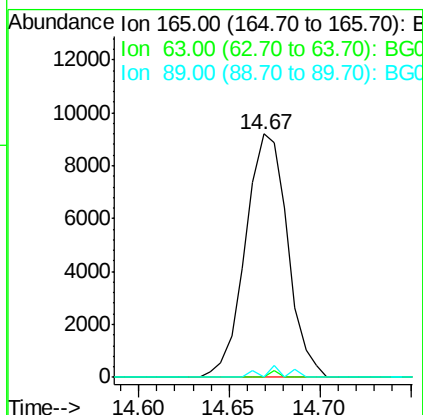
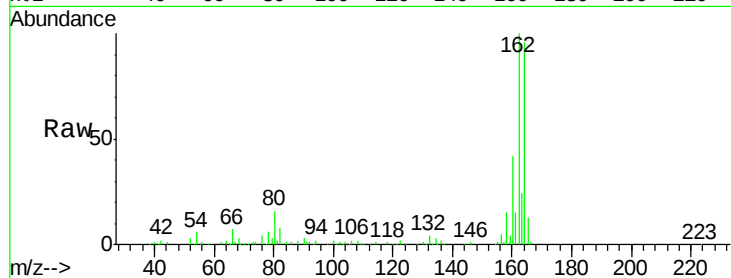




#50
 2,6-Dinitrotoluene
 Concen: 8.462 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.40 min
 Lab File: BG035495.D
 Acq: 29 Jun 2018 2:06

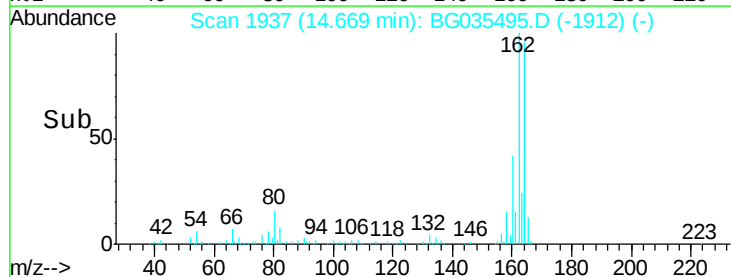
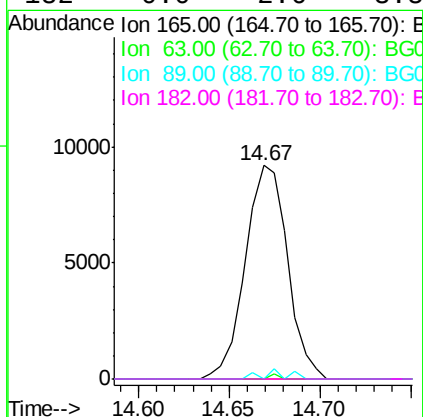
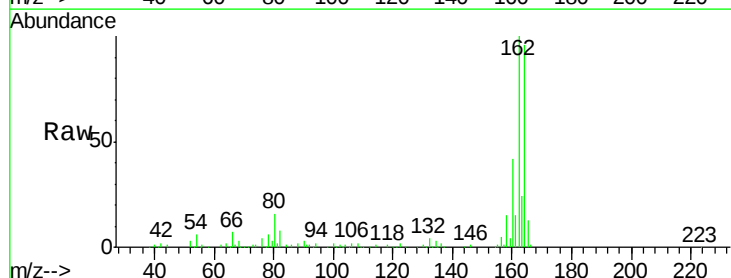
Instrument :
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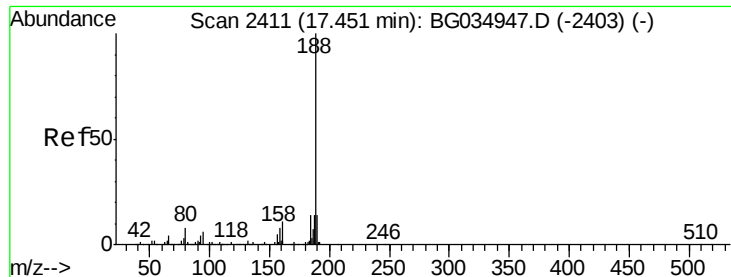
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.370 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.38 min
 Lab File: BG035495.D
 Acq: 29 Jun 2018 2:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035495.D

Acq: 29 Jun 2018 2:06

Instrument :

BNA_G

ClientSampleId :

DFTPP

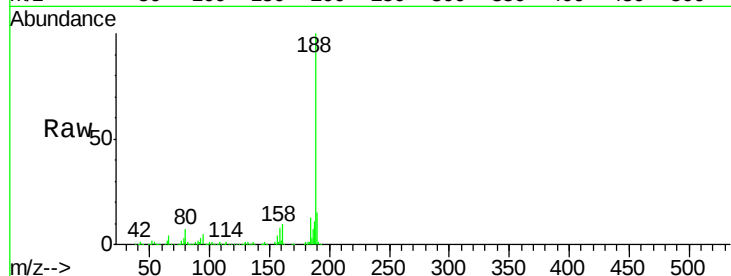
Tgt Ion:188 Resp: 303186

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

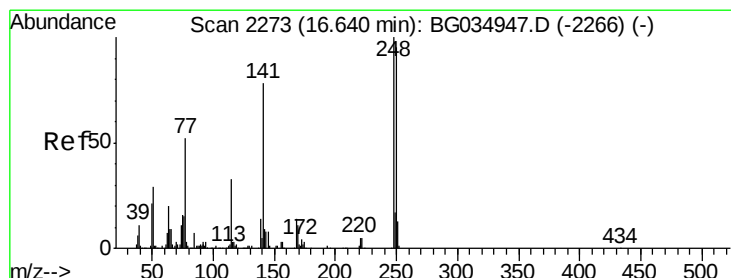
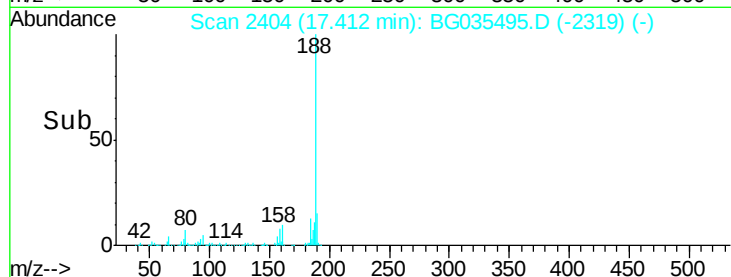
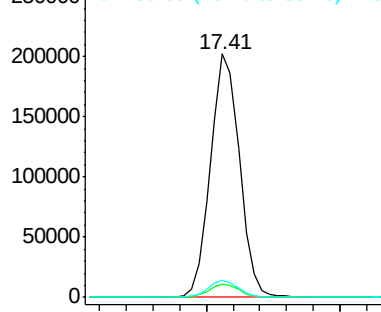
80 7.1 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 4.141 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.48 min

Lab File: BG035495.D

Acq: 29 Jun 2018 2:06

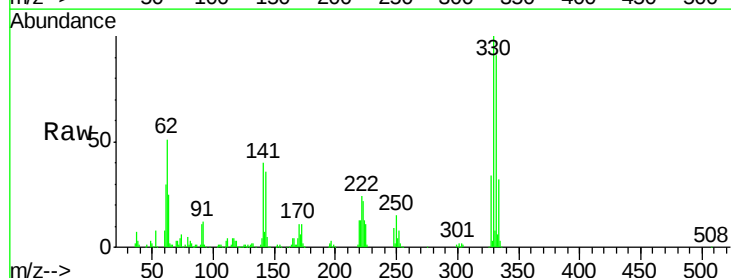
Tgt Ion:248 Resp: 15119

Ion Ratio Lower Upper

248 100

250 168.0 77.1 115.7#

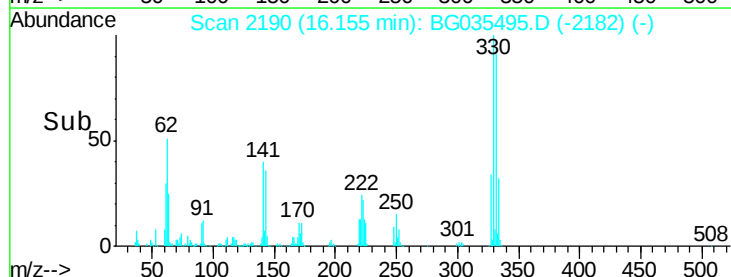
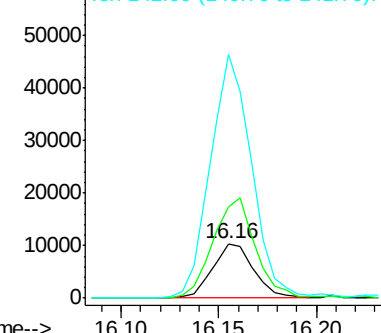
141 449.1 50.8 76.2#

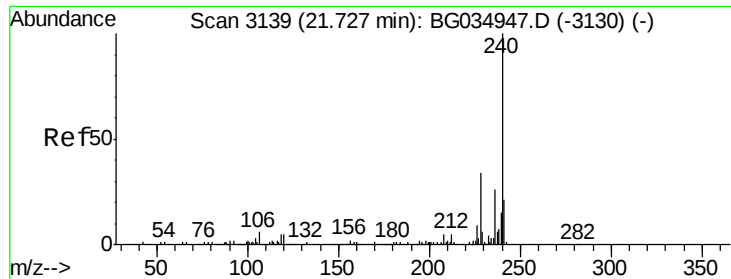


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035495.D

Acq: 29 Jun 2018 2:06

Instrument :

BNA_G

ClientSampleId :

DFTPP

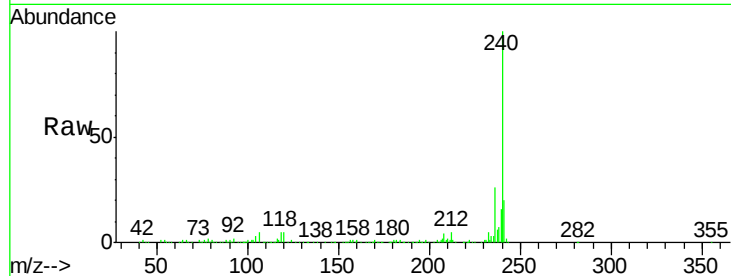
Tgt Ion:240 Resp: 330640

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

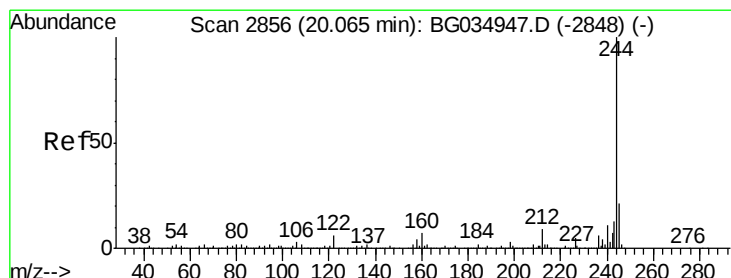
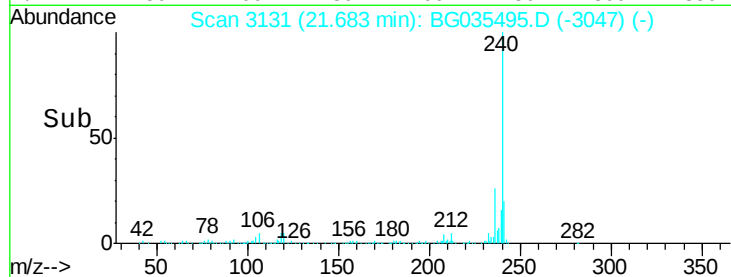
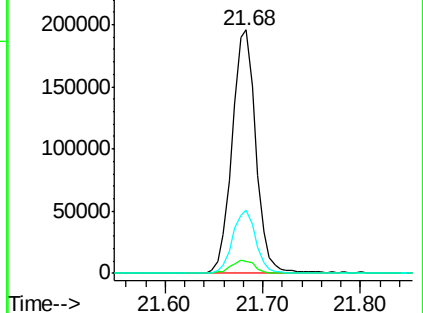
236 26.1 20.9 31.3



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: 75.325 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035495.D

Acq: 29 Jun 2018 2:06

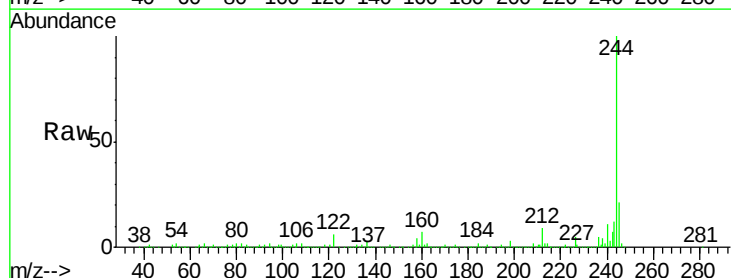
Tgt Ion:244 Resp: 1188994

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

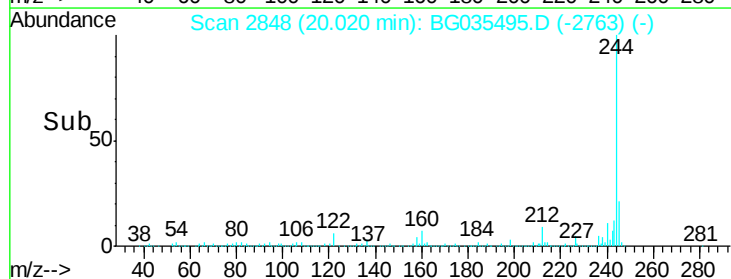
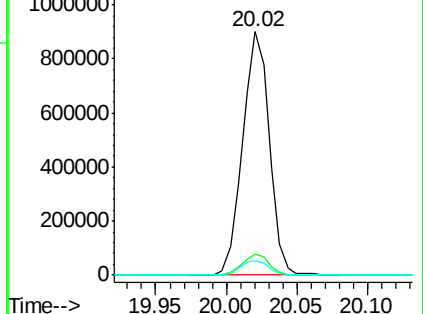
122 6.0 7.0 10.4#

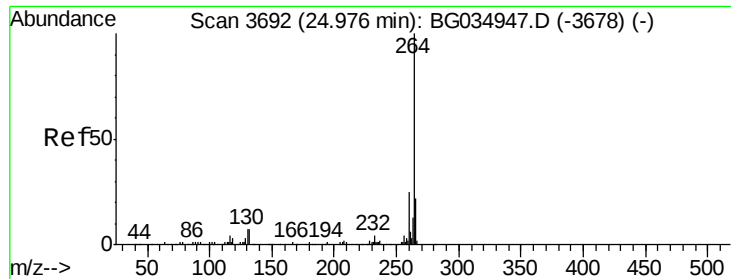


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

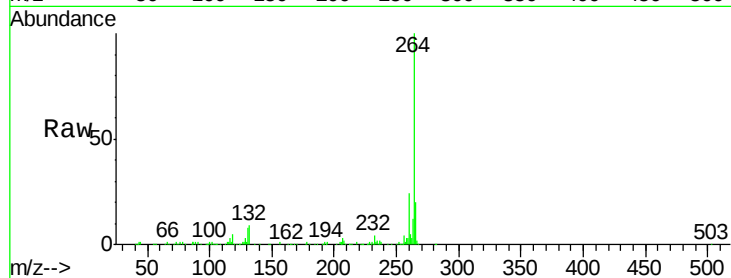




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035495.D
 Acq: 29 Jun 2018 2:06

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	20.2	17.7	26.5



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

