

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083018\
 Data File : BG036484.D
 Acq On : 30 Aug 2018 18:49
 Operator : JU/SJ
 Sample : J4282-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082918-B

Quant Time: Aug 31 01:15:53 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

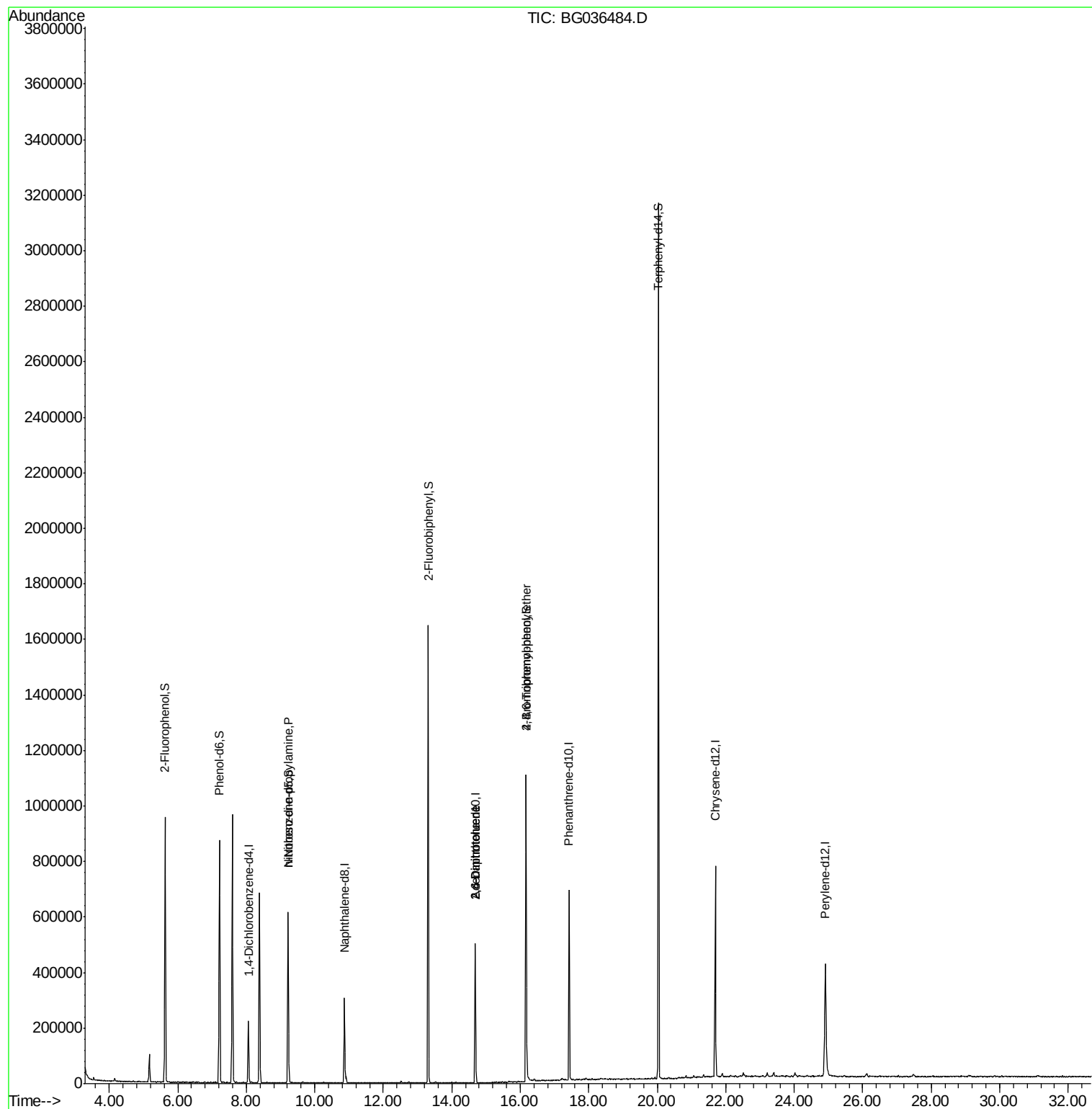
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62871	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	260417	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	173386	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	438368	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	476811	20.00	ng	-0.01
86) Perylene-d12	24.91	264	480160	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	390996	98.65	ng	0.00
7) Phenol-d6	7.22	99	504826	88.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	360760	75.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	212995	102.95	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	846644	69.72	ng	-0.01
78) Terphenyl-d14	20.03	244	1465790	71.85	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	49037	11.563	ng	# 71
50) 2,6-Dinitrotoluene	14.69	165	21538	7.393	ng	# 23
56) 2,4-Dinitrotoluene	14.69	165	21538	5.672	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	15293	2.980	ng	# 1

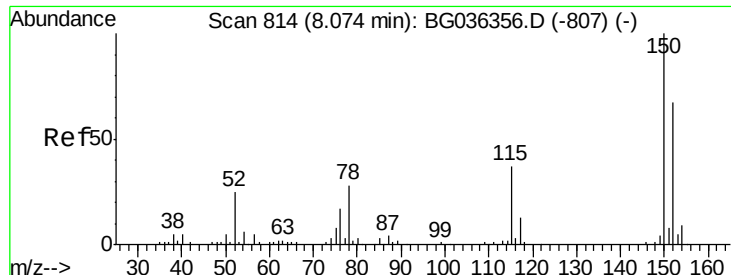
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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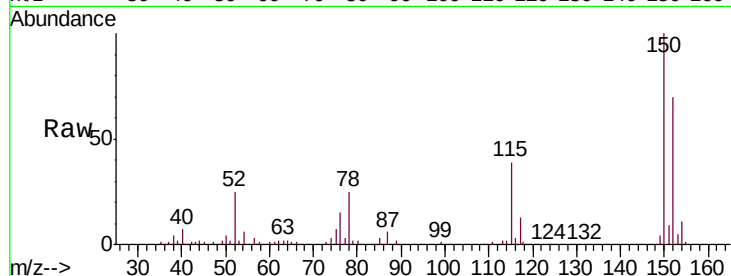


#1

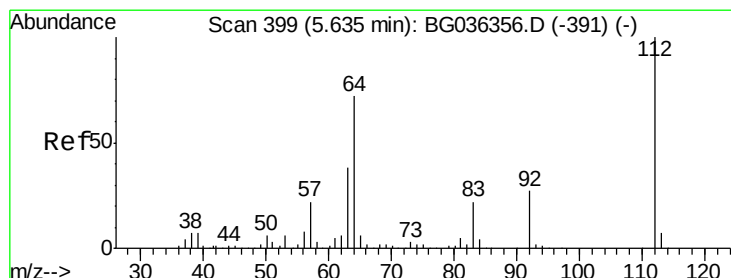
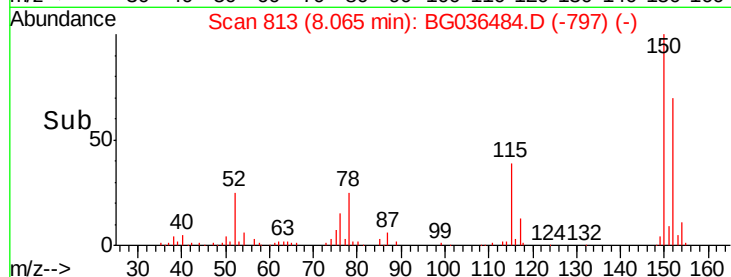
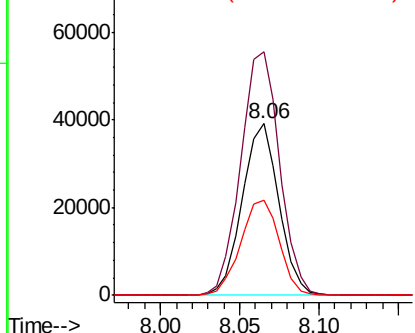
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Instrument :
BNA_G
ClientSampleId :
SU-01-082918-B

Tgt Ion:152 Resp: 62871
Ion Ratio Lower Upper
152 100
150 142.1 119.5 179.3
115 55.8 44.5 66.7



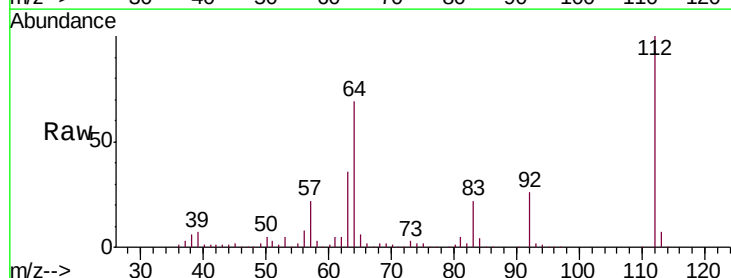
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



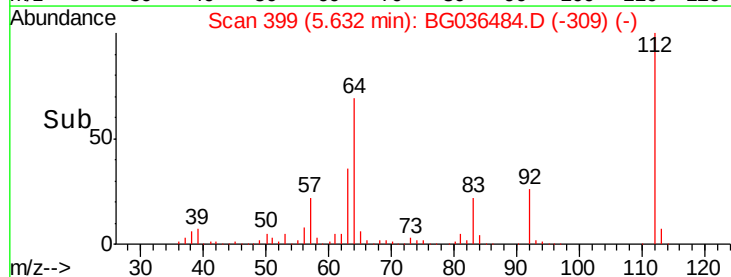
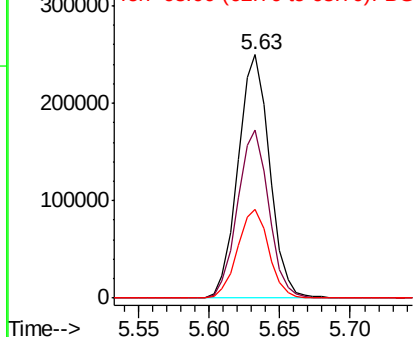
#5

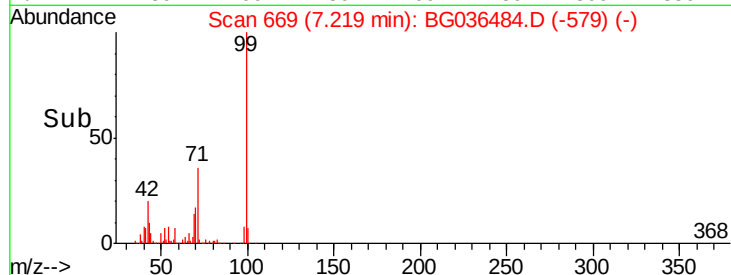
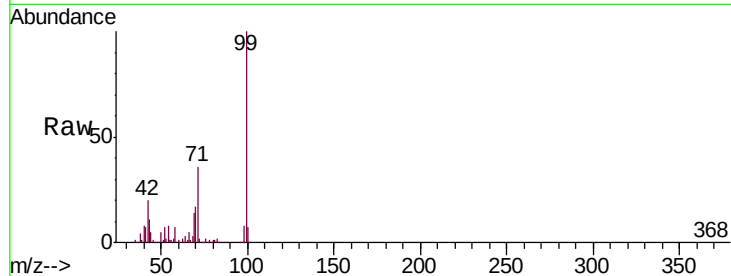
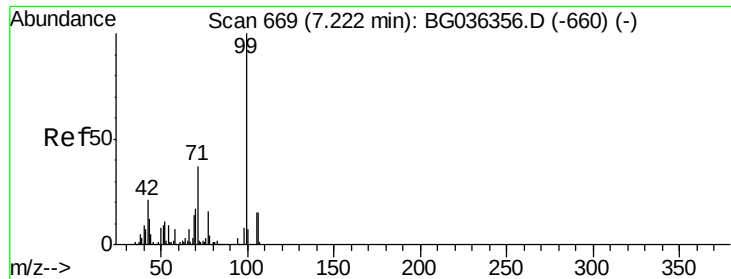
2-Fluorophenol
Concen: 98.652 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Tgt Ion:112 Resp: 390996
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 36.3 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: 88.963 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SU-01-082918-B

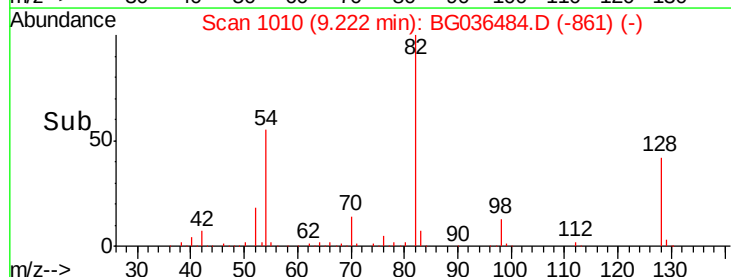
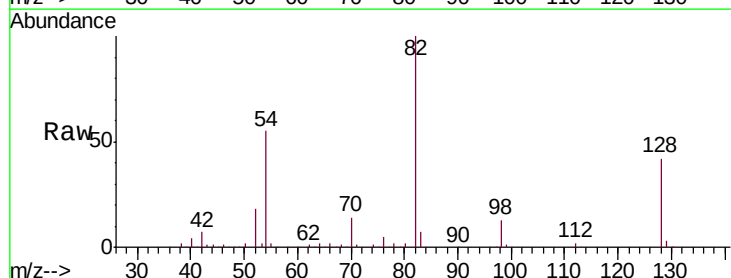
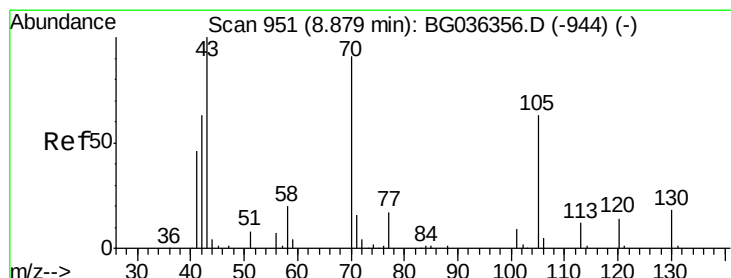
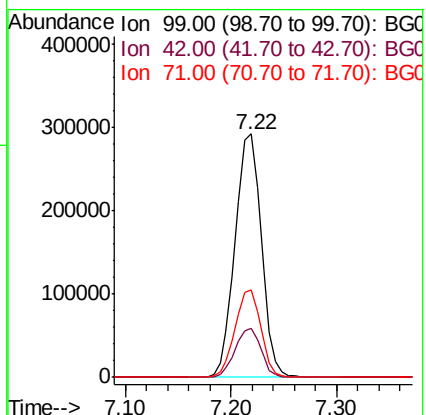
Tgt Ion: 99 Resp: 504826

Ion Ratio Lower Upper

99 100

42 20.0 16.5 24.7

71 35.7 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.563 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

Tgt Ion: 70 Resp: 49037

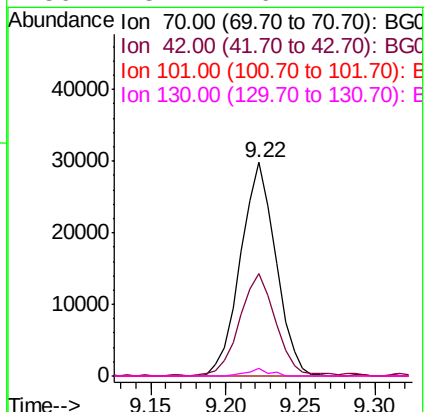
Ion Ratio Lower Upper

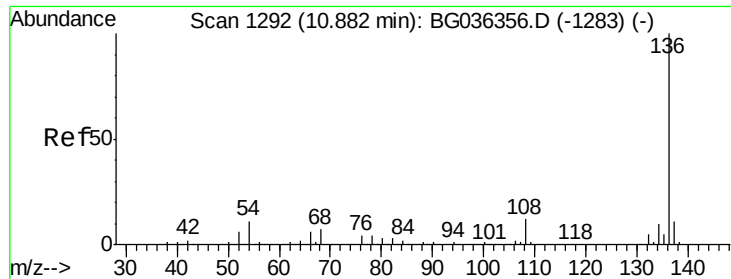
70 100

42 48.0 56.2 84.4#

101 0.0 7.8 11.6#

130 3.4 16.2 24.2#

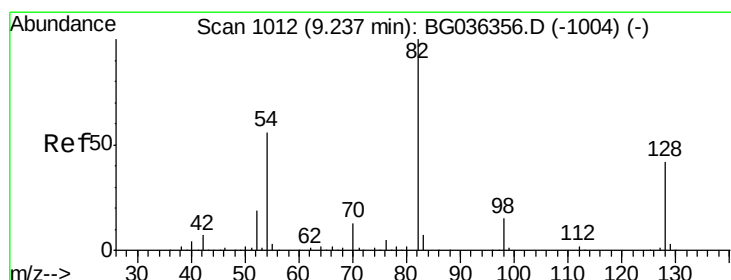
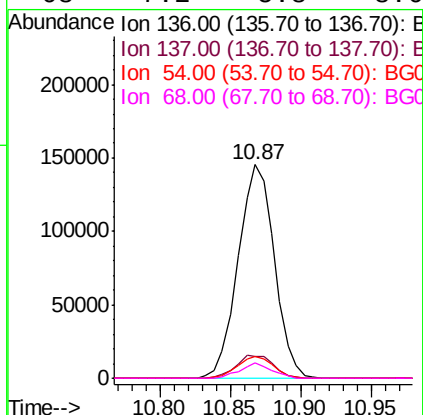
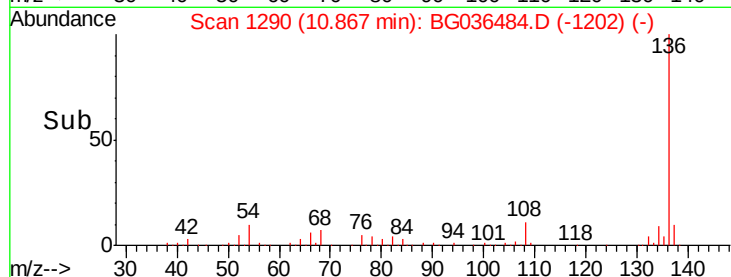
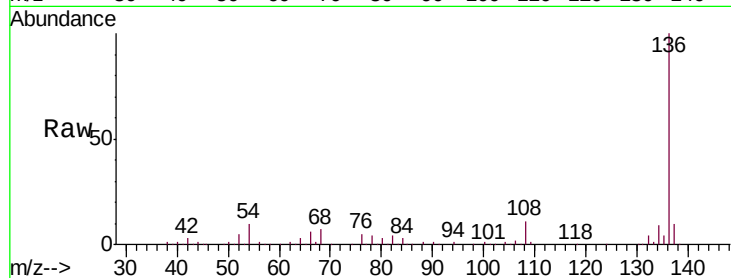




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

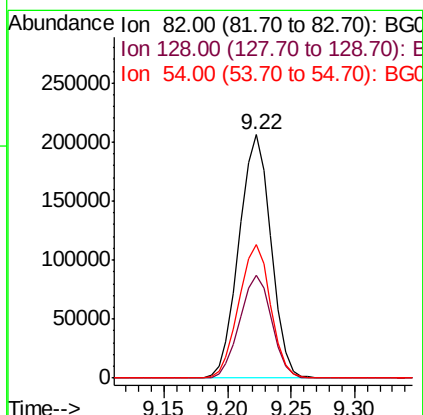
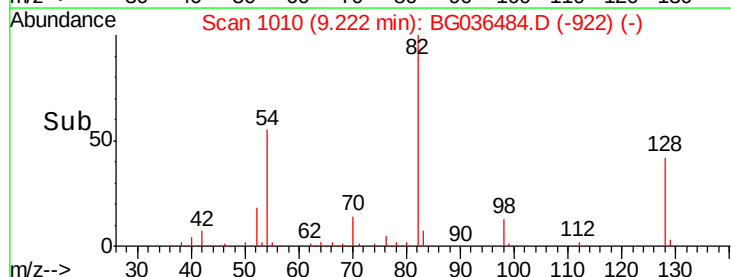
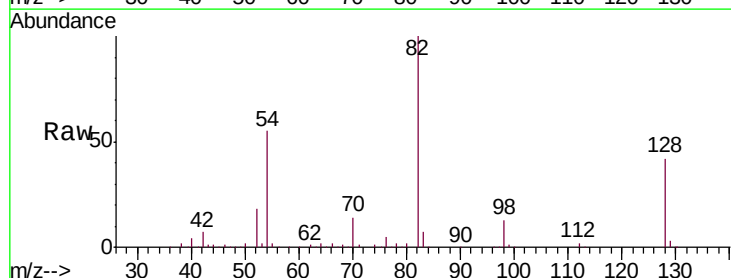
Instrument :
BNA_G
ClientSampleId :
SU-01-082918-B

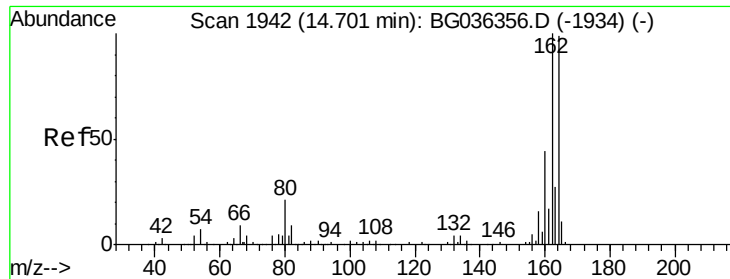
Tgt Ion:	136	Resp:	260417
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.4	9.2	13.8
68	7.2	5.8	8.6



#23
Nitrobenzene-d5
Concen: 75.163 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Tgt Ion:	82	Resp:	360760
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	54.8	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SU-01-082918-B

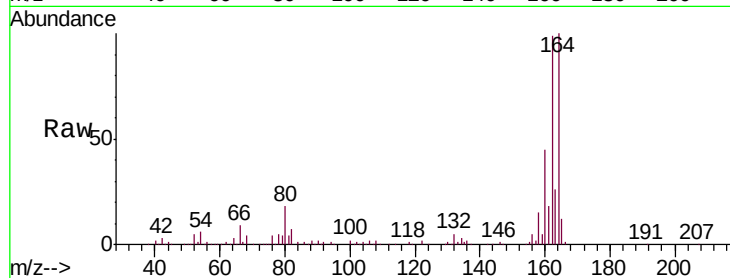
Tgt Ion:164 Resp: 173386

Ion Ratio Lower Upper

164 100

162 99.2 80.7 121.1

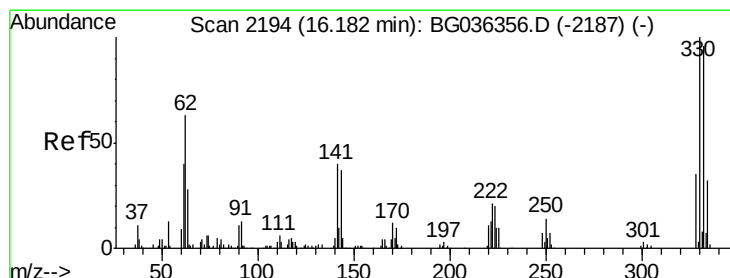
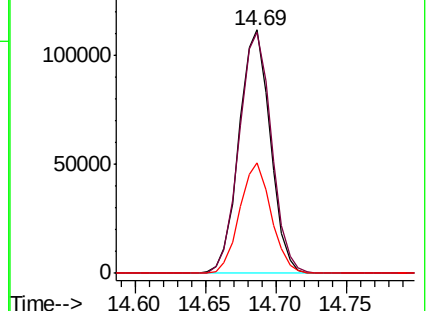
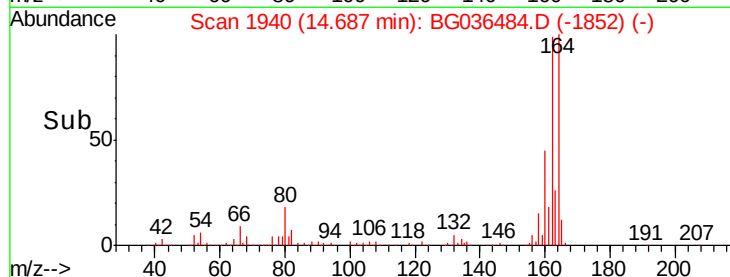
160 45.4 35.3 52.9



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: 102.952 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

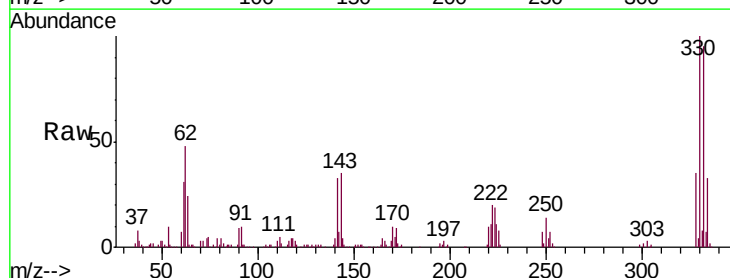
Tgt Ion:330 Resp: 212995

Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

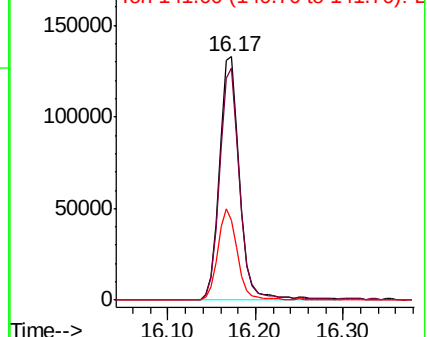
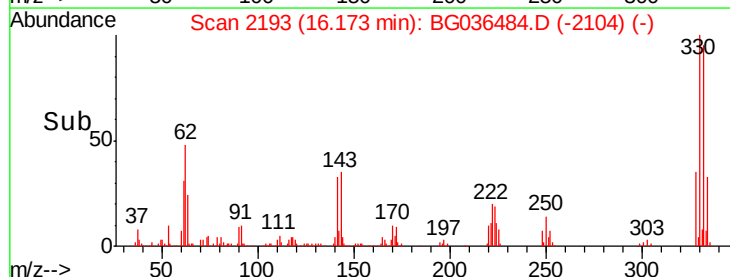
141 36.2 30.7 46.1

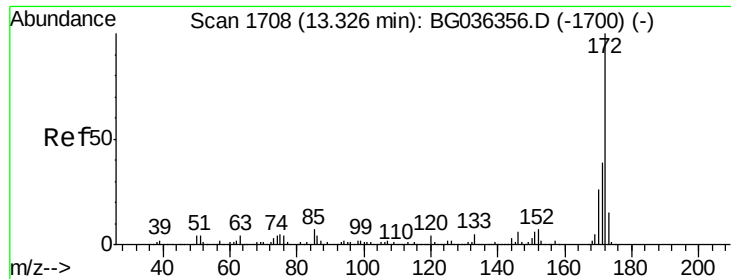


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

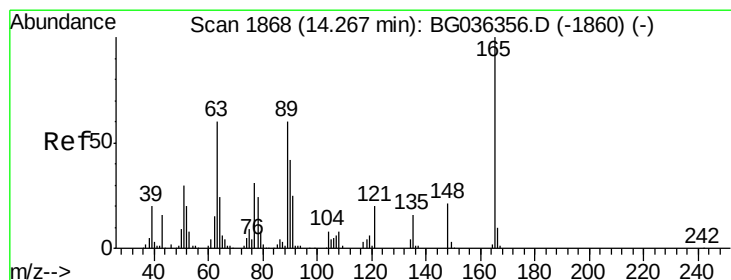
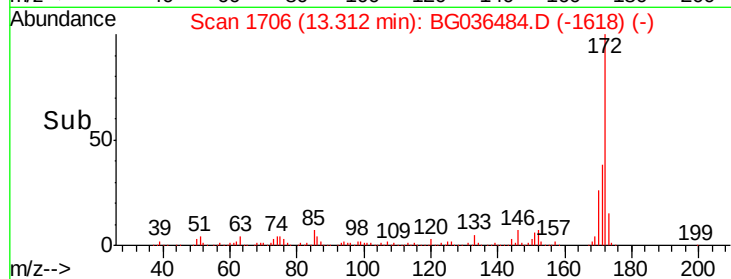
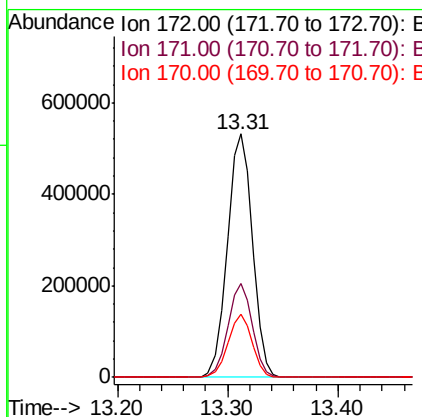
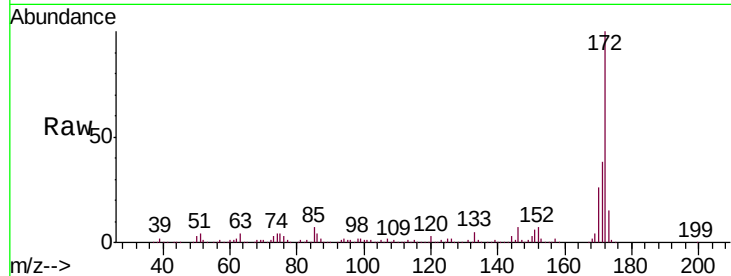




#44
 2-Fluorobiphenyl
 Concen: 69.720 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036484.D
 Acq: 30 Aug 2018 18:49

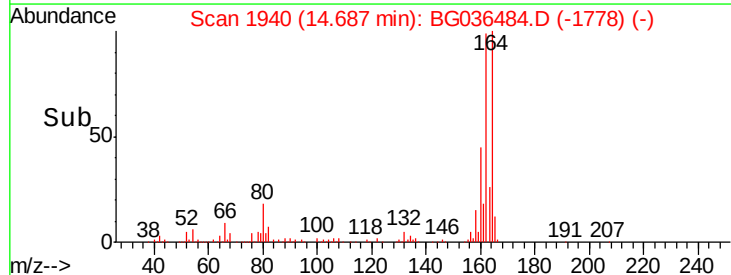
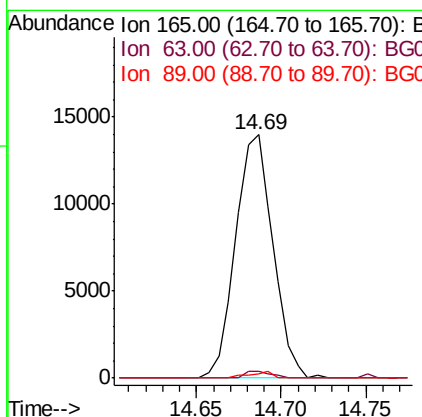
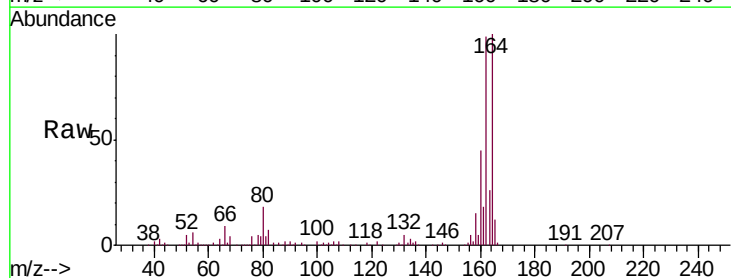
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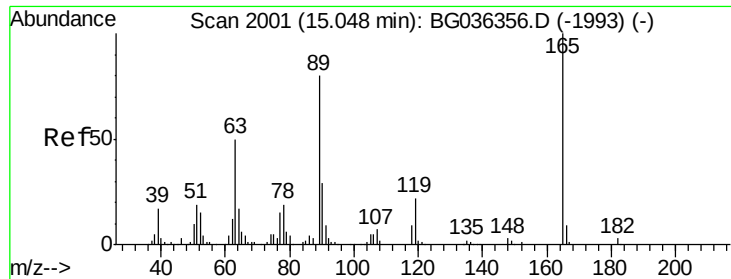
Tgt Ion:172 Resp: 846644
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.3 46.9
 170 25.8 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.393 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036484.D
 Acq: 30 Aug 2018 18:49

Tgt Ion:165 Resp: 21538
 Ion Ratio Lower Upper
 165 100
 63 2.8 50.1 75.1#
 89 1.7 47.8 71.6#

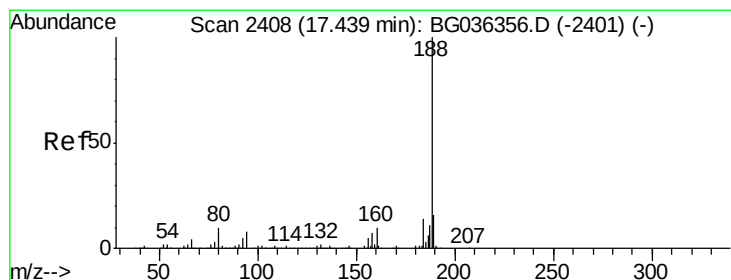
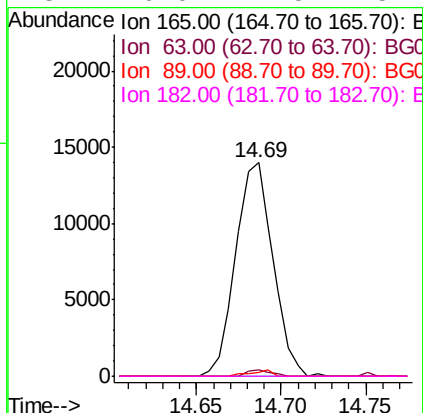
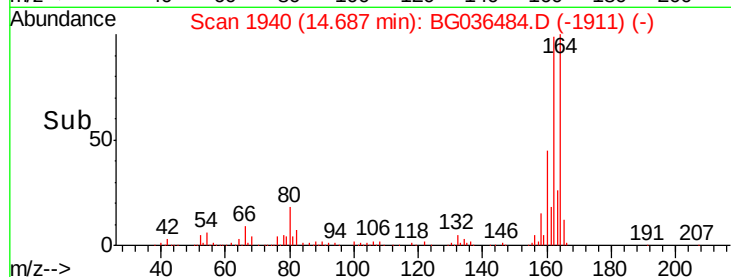
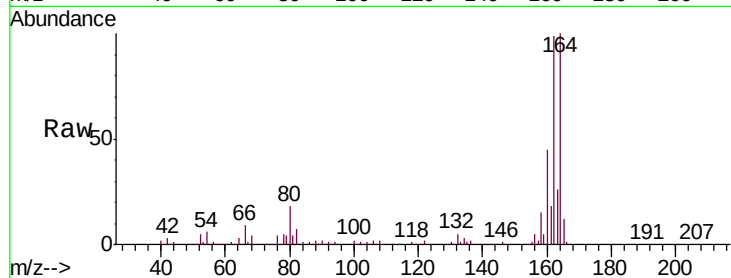




#56
 2,4-Dinitrotoluene
 Concen: 5.672 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036484.D
 Acq: 30 Aug 2018 18:49

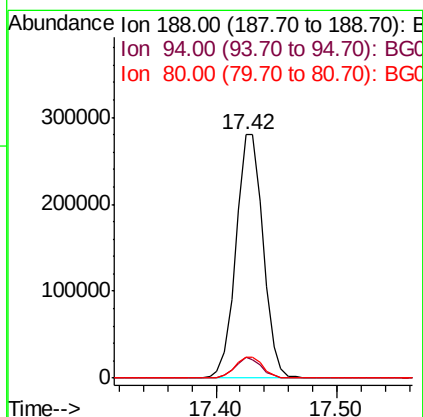
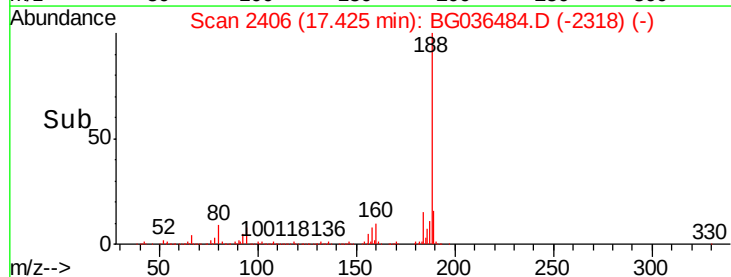
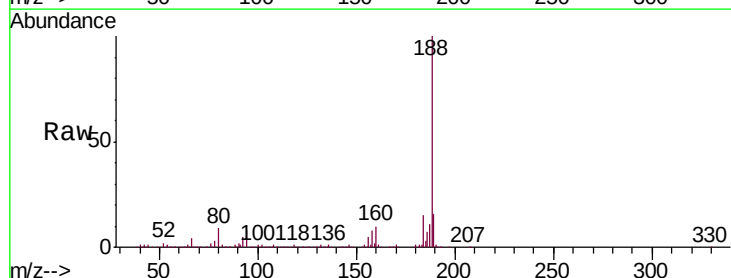
Instrument :
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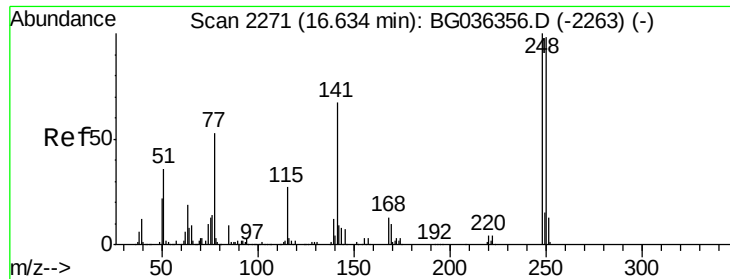
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036484.D
 Acq: 30 Aug 2018 18:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	8.8	8.1	12.1

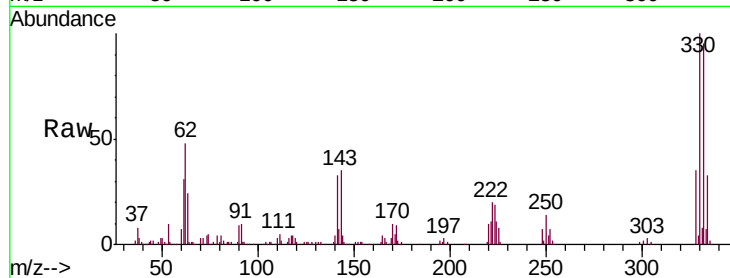




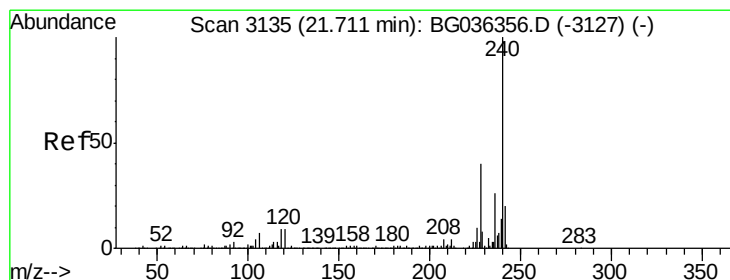
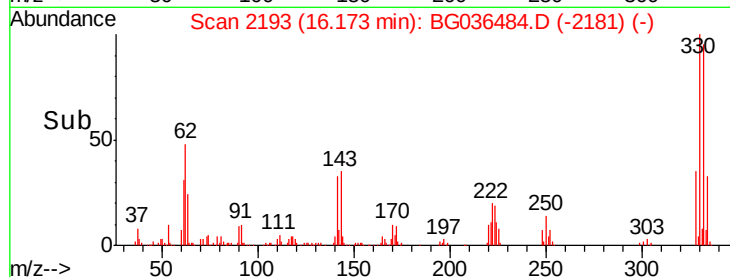
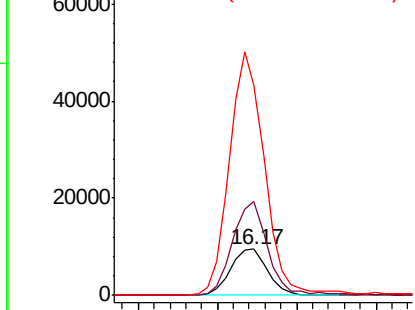
#66
4-Bromophenyl-phenylether
Concen: 2.980 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Instrument :
BNA_G
ClientSampleId :
SU-01-082918-B

Tgt Ion:248 Resp: 15293
Ion Ratio Lower Upper
248 100
250 201.3 78.1 117.1#
141 453.5 53.7 80.5#

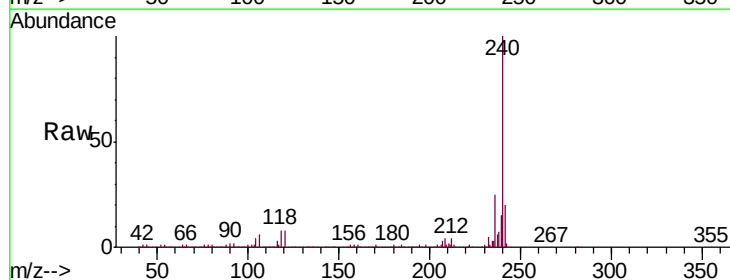


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

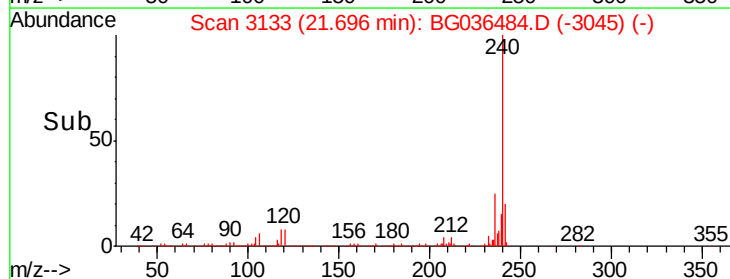
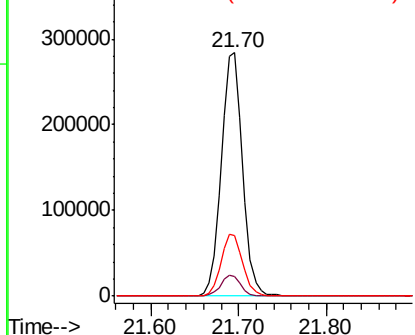


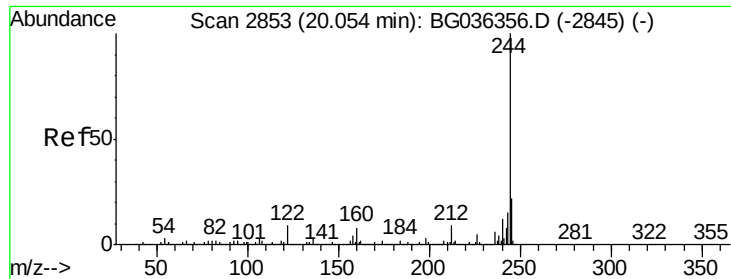
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Tgt Ion:240 Resp: 476811
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 24.9 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: 71.853 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SU-01-082918-B

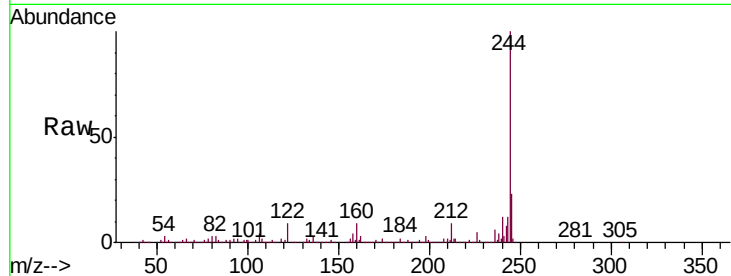
Tgt Ion:244 Resp: 1465790

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

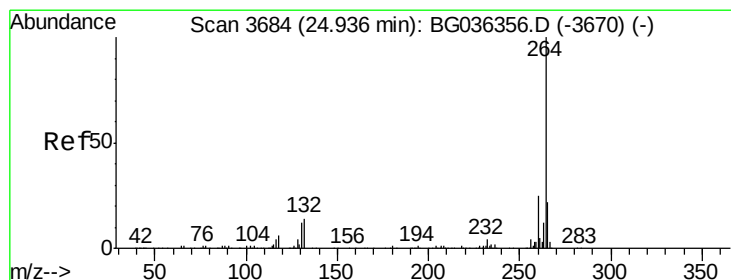
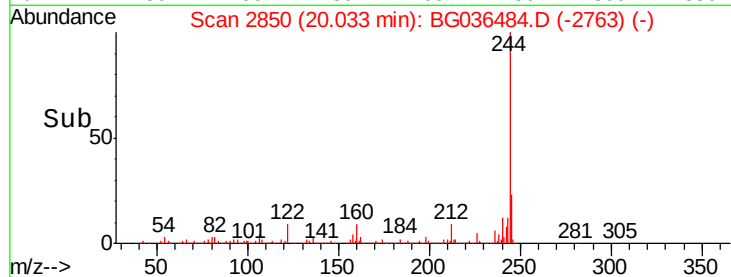
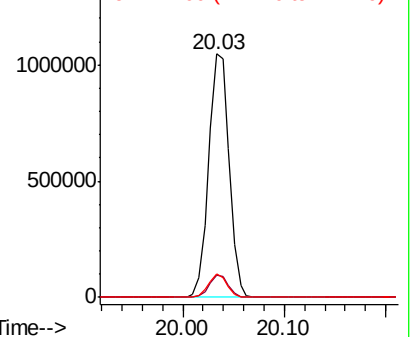
122 9.5 7.1 10.7



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. -0.03 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

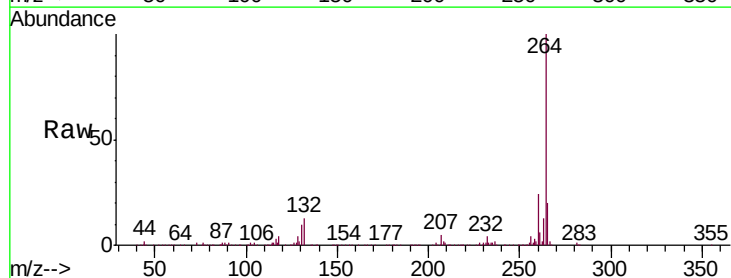
Tgt Ion:264 Resp: 480160

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 20.5 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

