

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035489.D
 Acq On : 28 Jun 2018 22:13
 Operator : JU/SJ
 Sample : J3720-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Jun 29 02:38:23 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

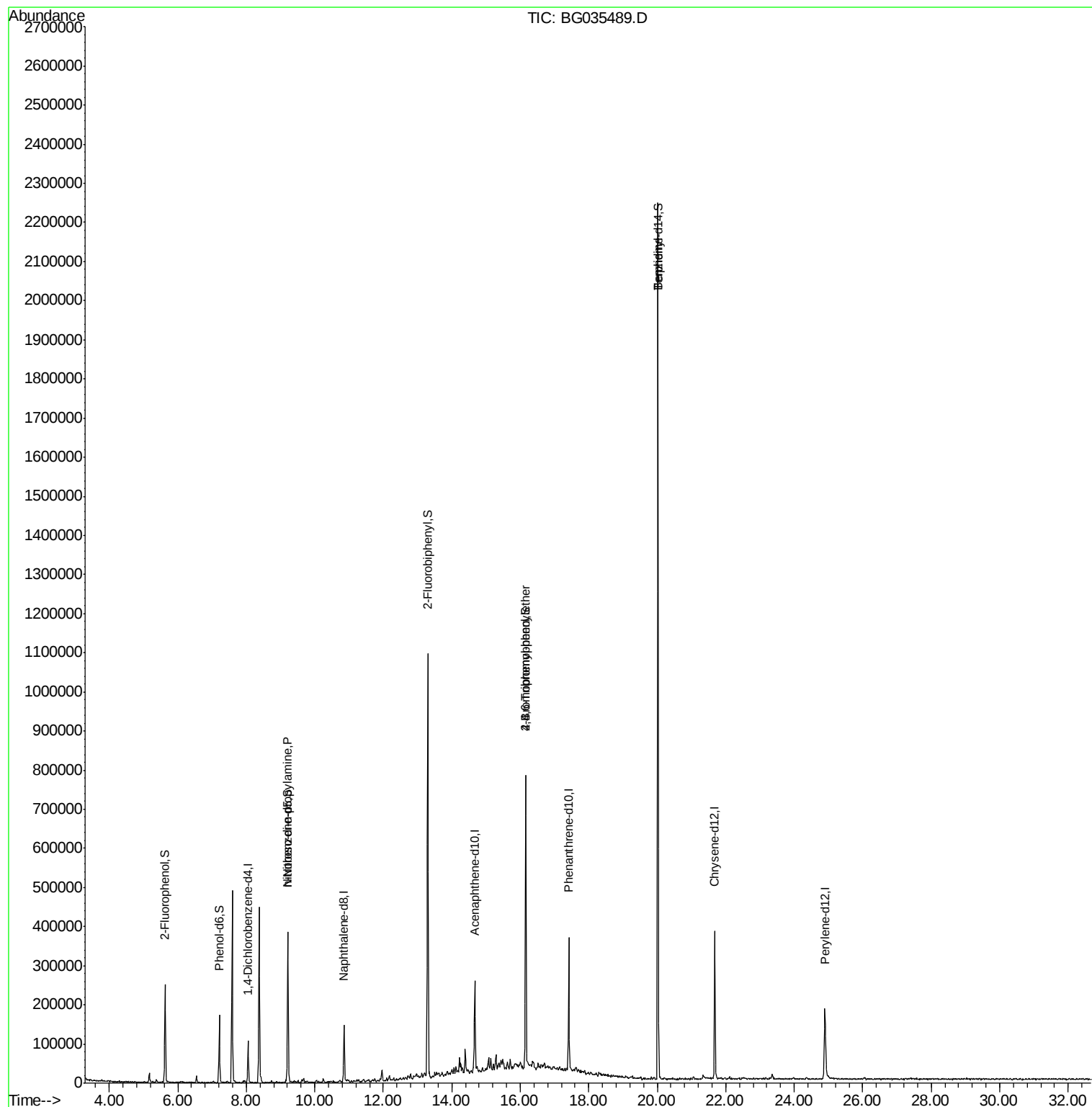
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	30903	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	114770	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	81714	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	208633	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	239503	20.00	ng	-0.04
86) Perylene-d12	24.89	264	227224	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	115516	63.08	ng	-0.01
7) Phenol-d6	7.21	99	105595	39.07	ng	-0.01
23) Nitrobenzene-d5	9.21	82	265415	109.93	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	143062	136.76	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	581292	92.48	ng	-0.03
78) Terphenyl-d14	20.02	244	1104361	96.59	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	35702	15.549	ng	# 68
66) 4-Bromophenyl-phenylether	16.16	248	11135	4.432	ng	# 1
76) Benzidine	20.02	184	18505	2.077	ng	# 92

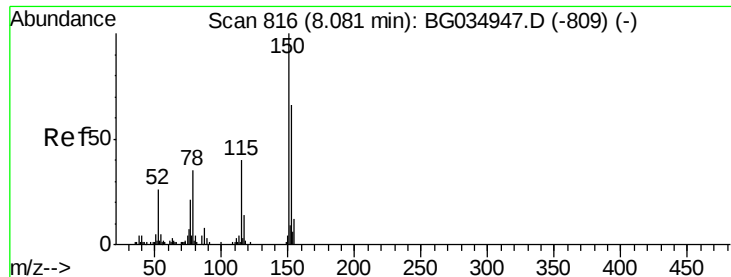
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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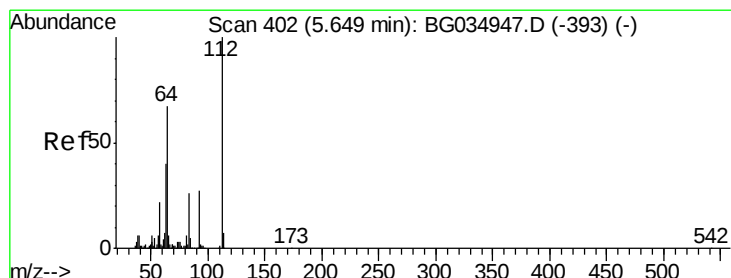
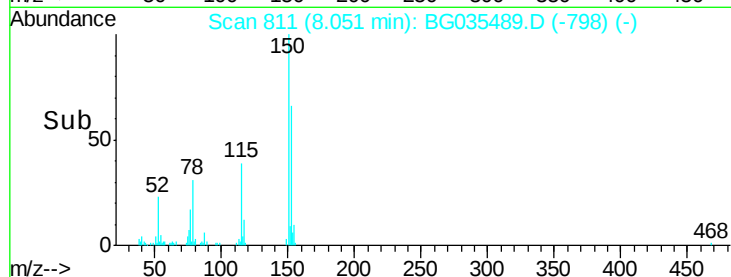
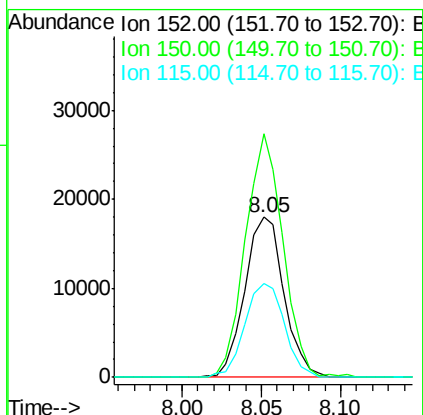
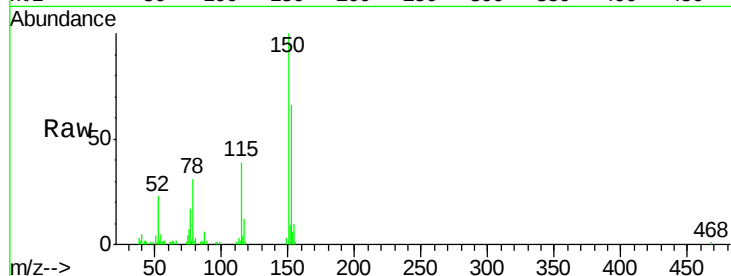


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Instrument :
BNA_G
ClientSampleId :
MW-2

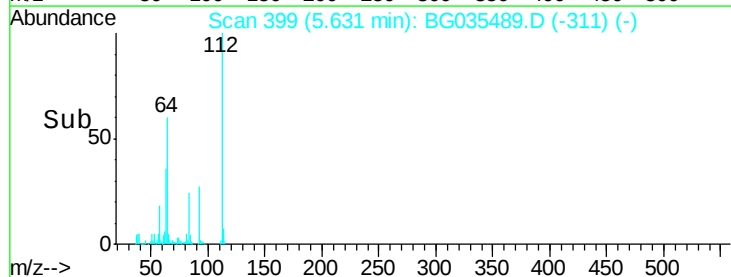
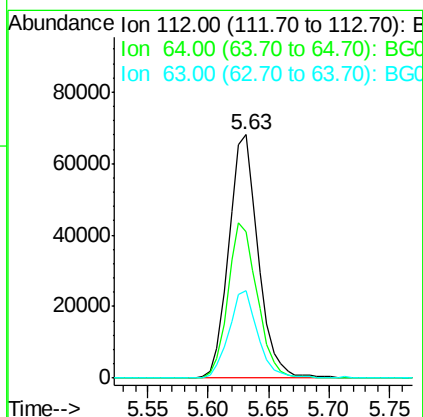
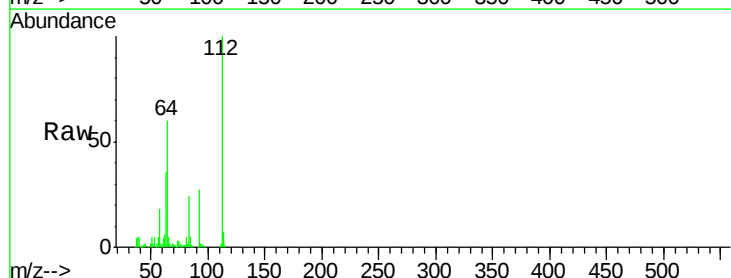
Tgt Ion:152 Resp: 30903
Ion Ratio Lower Upper
152 100
150 151.9 126.6 189.8
115 58.7 53.0 79.4

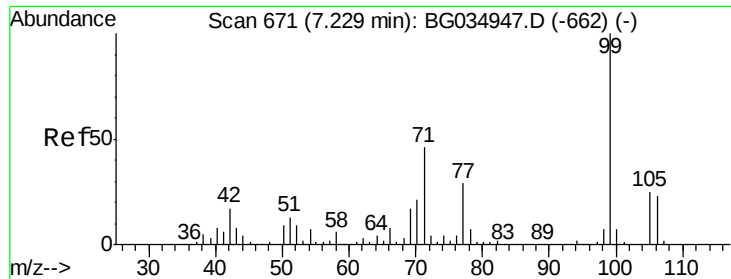


#5

2-Fluorophenol
Concen: 63.083 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:112 Resp: 115516
Ion Ratio Lower Upper
112 100
64 60.0 56.3 84.5
63 35.8 30.1 45.1





#7

Phenol-d6

Concen: 39.070 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035489.D

Acq: 28 Jun 2018 22:13

Instrument :

BNA_G

ClientSampleId :

MW-2

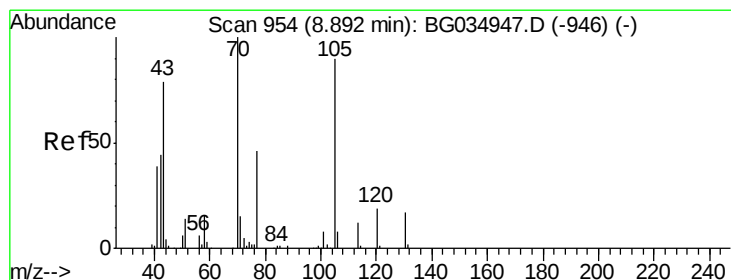
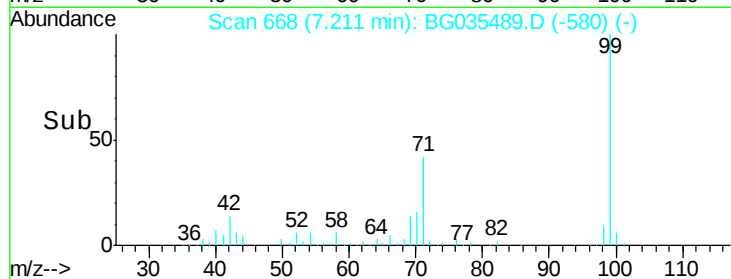
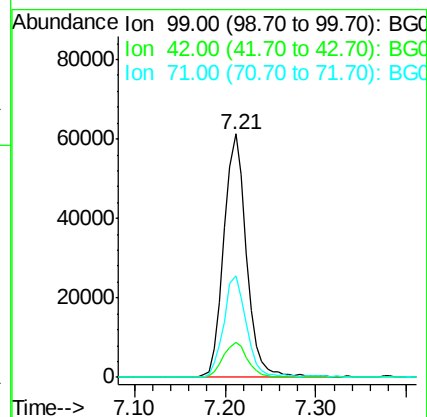
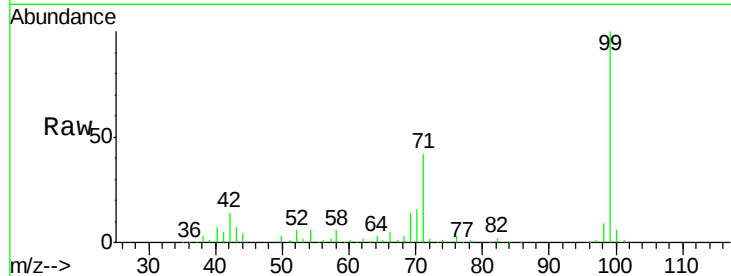
Tgt Ion: 99 Resp: 105595

Ion Ratio Lower Upper

99 100

42 14.2 14.1 21.1

71 41.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.549 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035489.D

Acq: 28 Jun 2018 22:13

Tgt Ion: 70 Resp: 35702

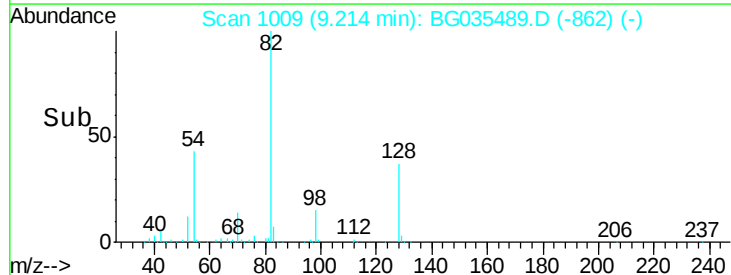
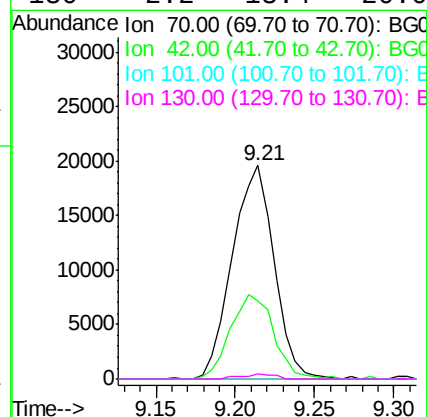
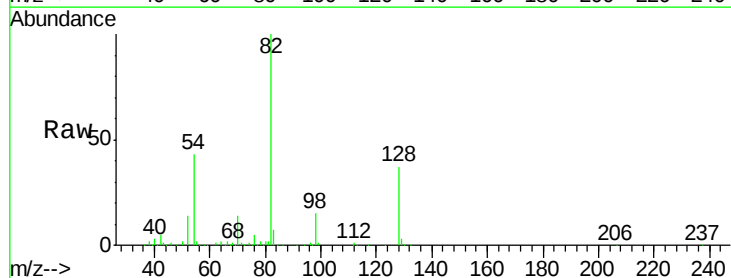
Ion Ratio Lower Upper

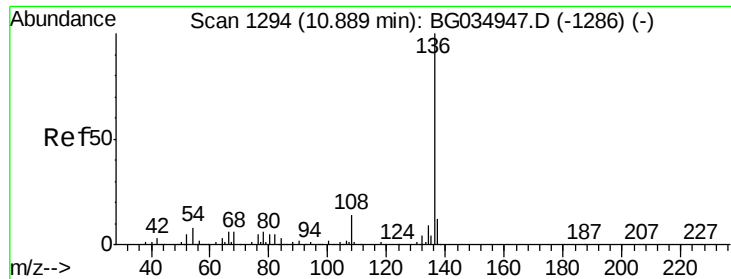
70 100

42 36.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

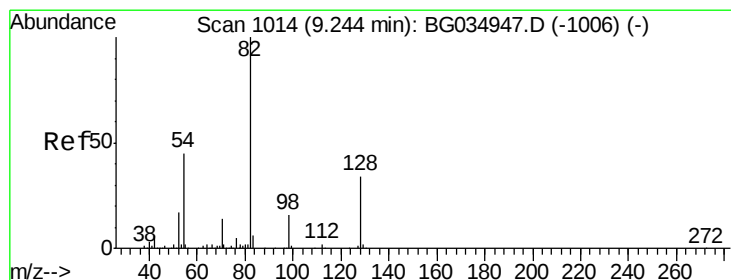
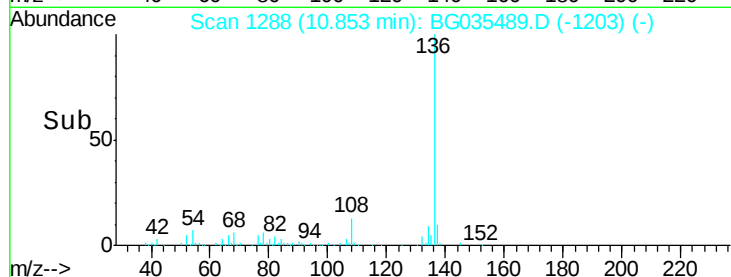
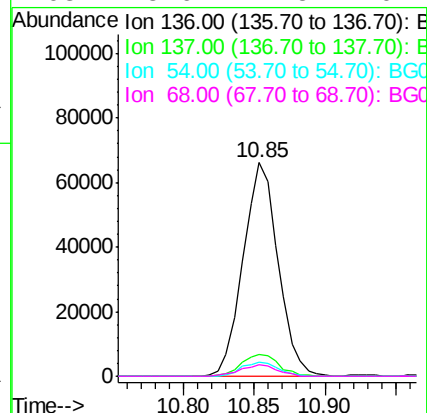
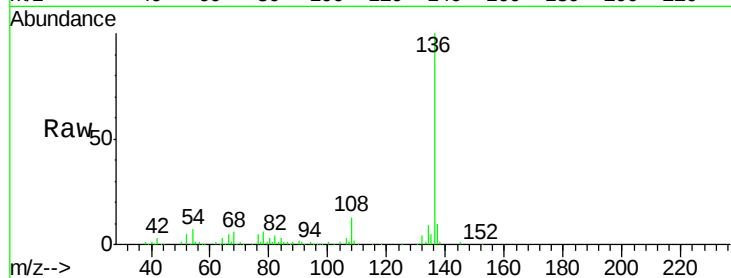




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

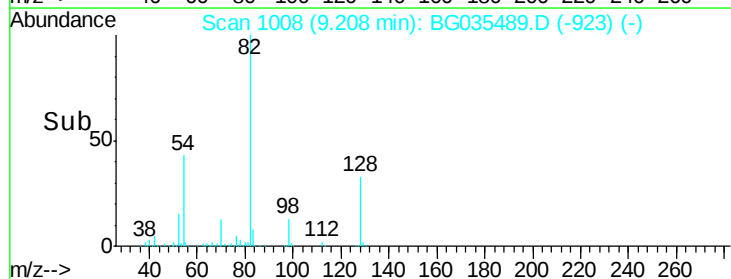
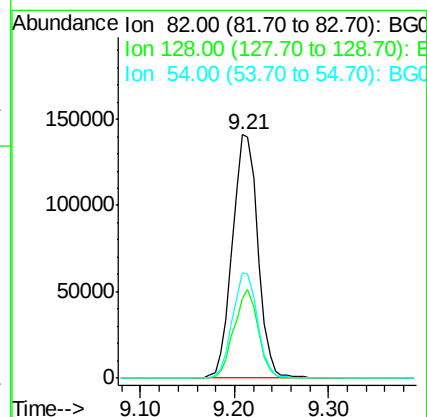
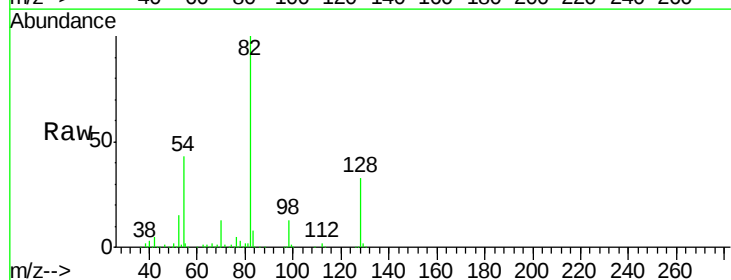
Instrument :
BNA_G
ClientSampleId :
MW-2

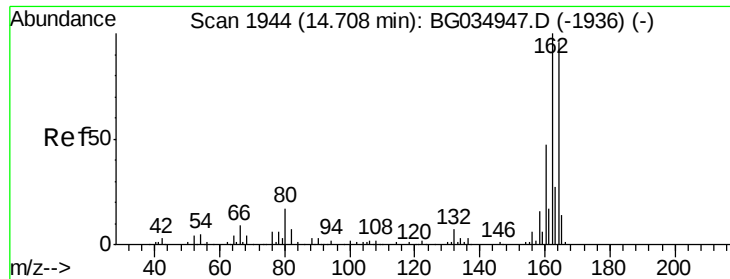
Tgt Ion:	136	Resp:	114770
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.6	10.3	15.5#
68	5.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 109.927 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:	82	Resp:	265415
Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.7	44.5
54	43.1	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035489.D

Acq: 28 Jun 2018 22:13

Instrument :

BNA_G

ClientSampleId :

MW-2

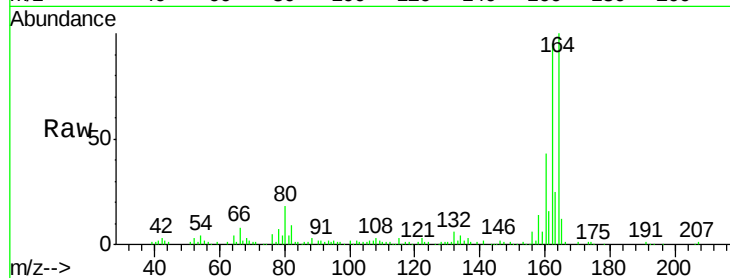
Tgt Ion:164 Resp: 81714

Ion Ratio Lower Upper

164 100

162 94.9 78.8 118.2

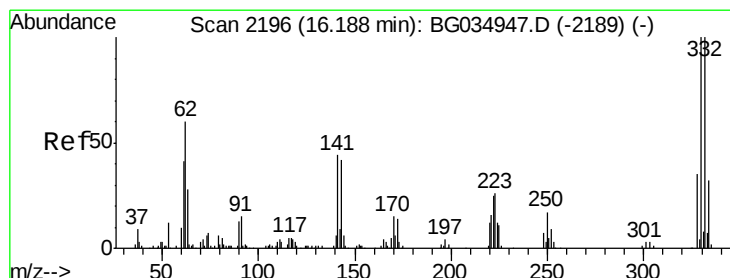
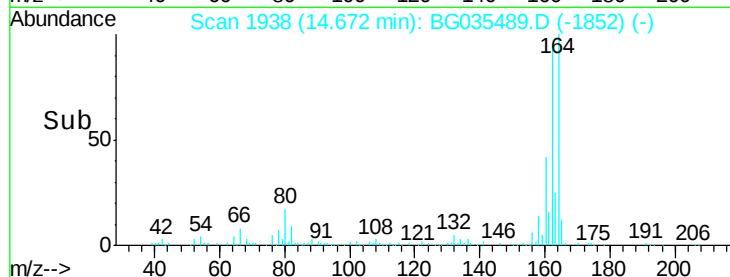
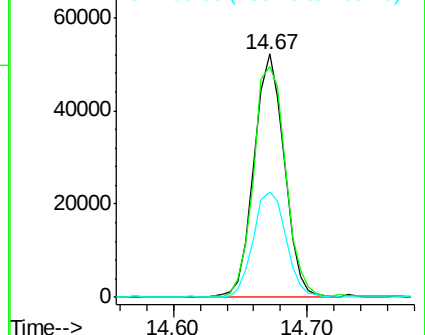
160 43.2 35.4 53.0



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: 136.765 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035489.D

Acq: 28 Jun 2018 22:13

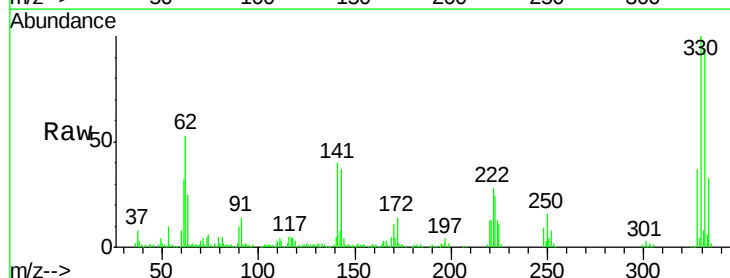
Tgt Ion:330 Resp: 143062

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

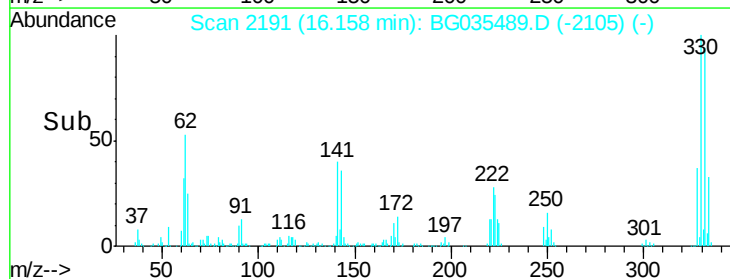
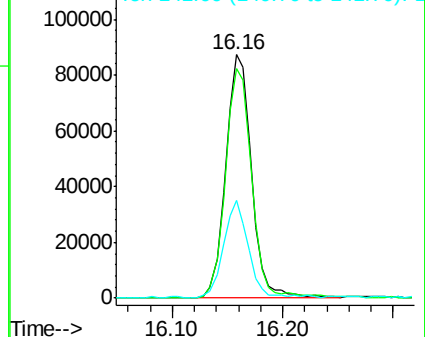
141 37.5 25.2 37.8

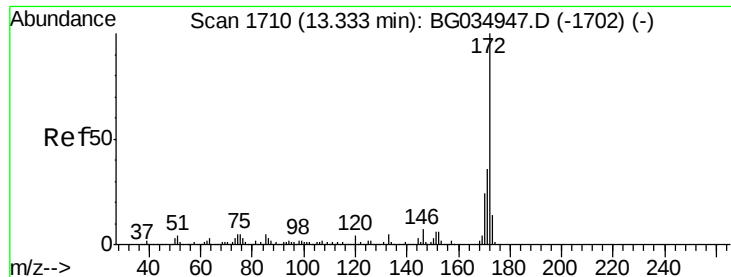


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

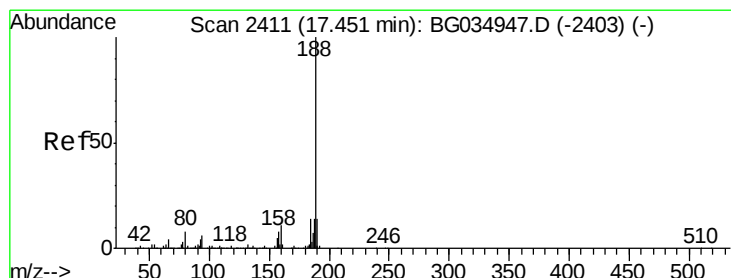
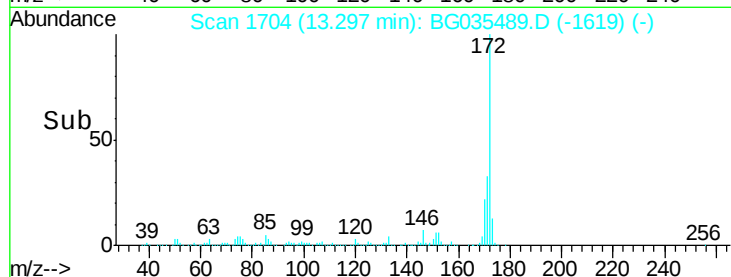
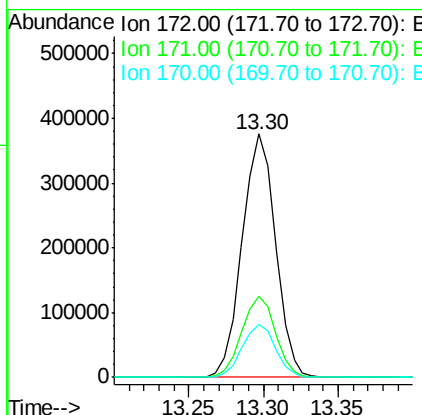
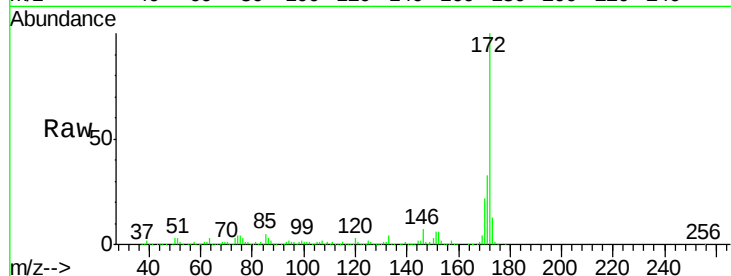




#44
2-Fluorobiphenyl
Concen: 92.478 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

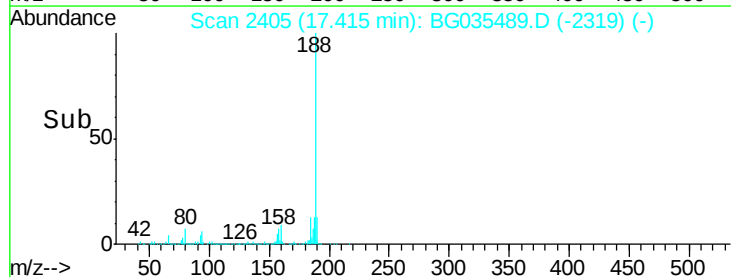
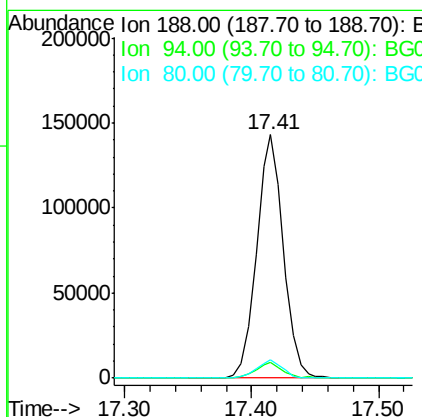
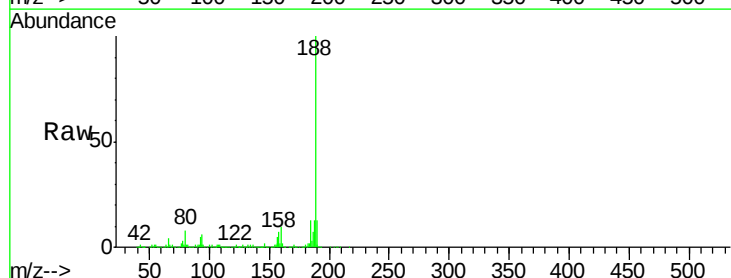
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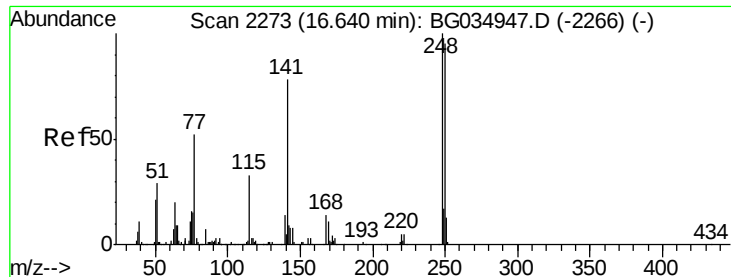
Tgt Ion:172 Resp: 581292
Ion Ratio Lower Upper
172 100
171 33.2 30.0 45.0
170 21.7 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:188 Resp: 208633
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.5 7.7 11.5#

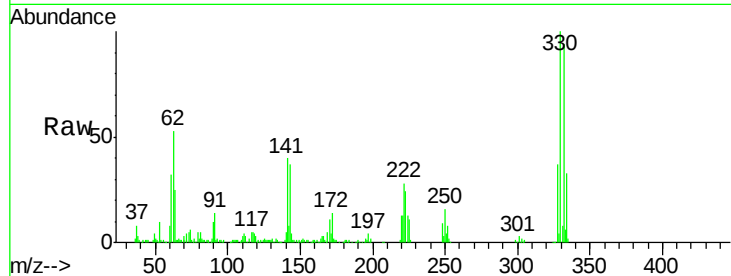




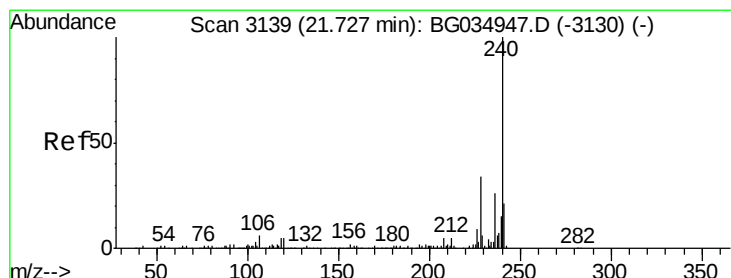
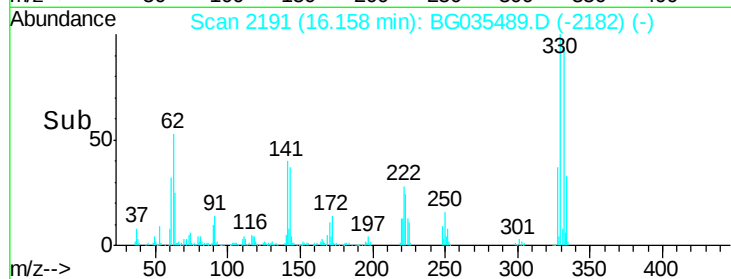
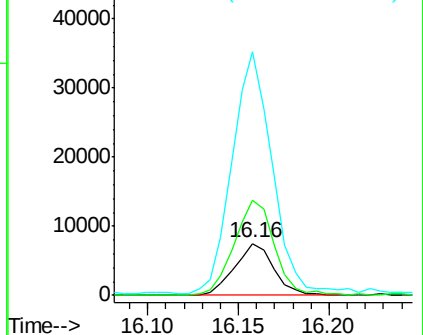
#66
4-Bromophenyl-phenylether
Concen: 4.432 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:248 Resp: 11135
Ion Ratio Lower Upper
248 100
250 181.6 77.1 115.7#
141 467.7 50.8 76.2#

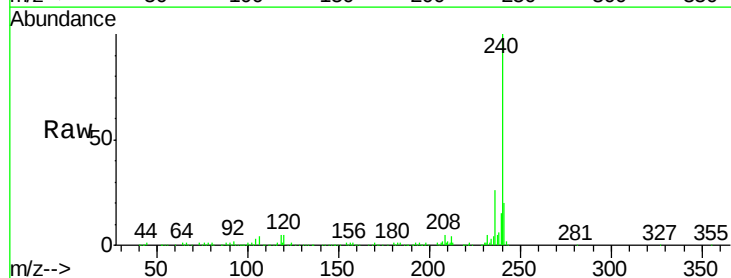


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

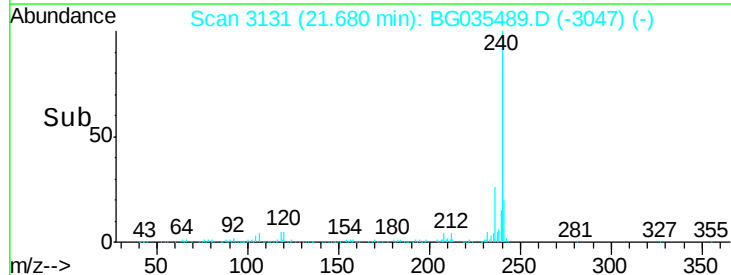
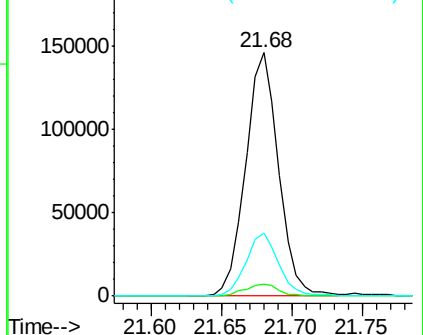


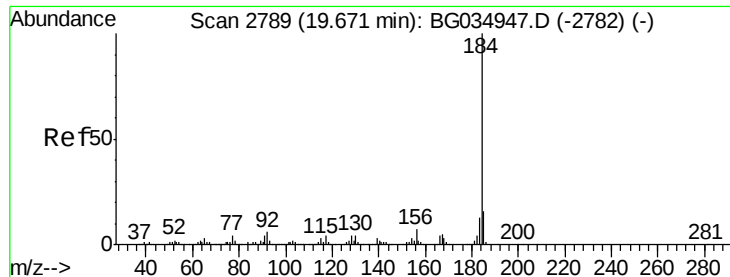
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:240 Resp: 239503
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 26.0 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

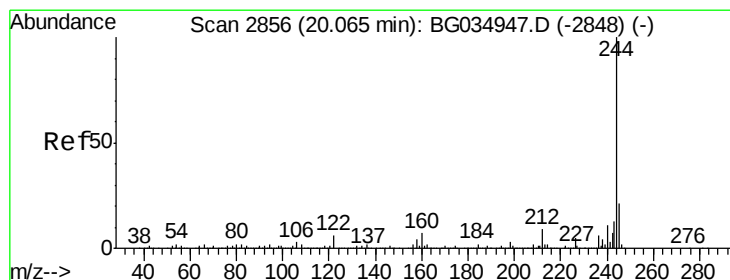
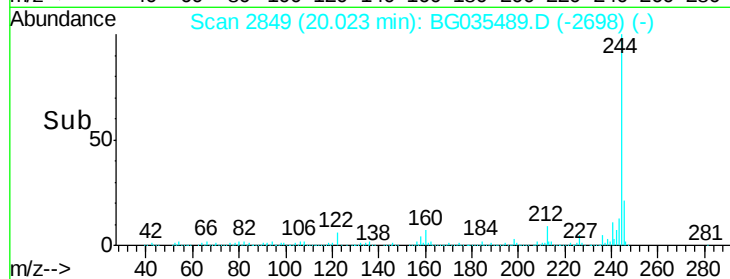
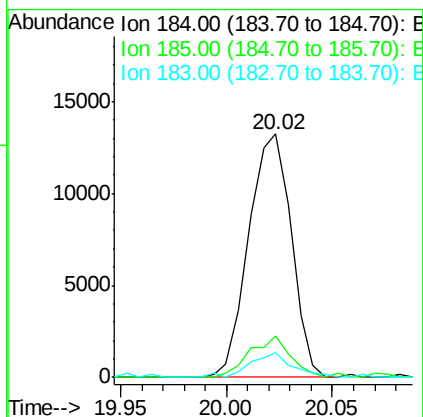
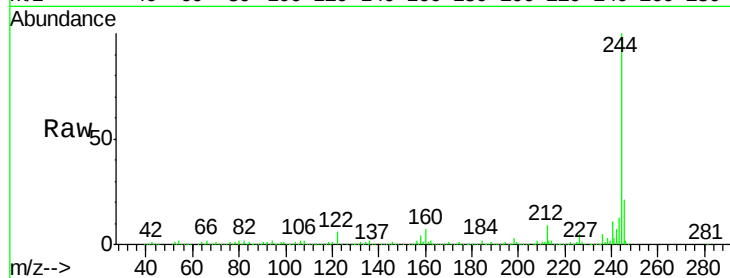




#76
Benzidine
Concen: 2.077 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

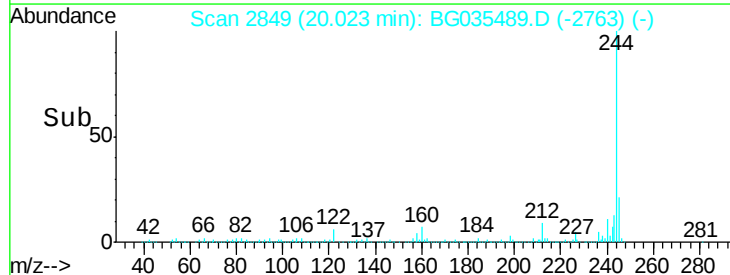
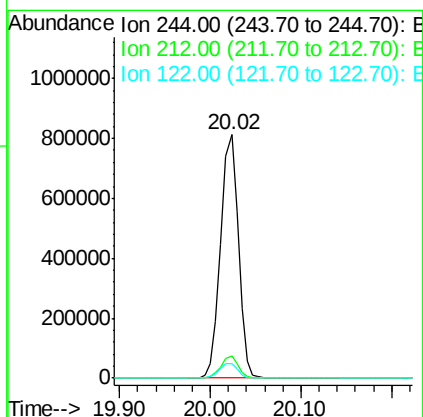
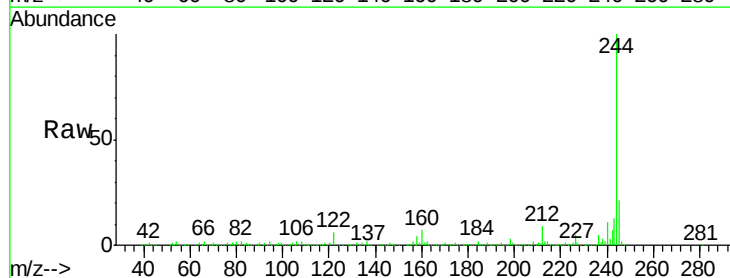
Instrument :
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ClientSampleId :
MW-2

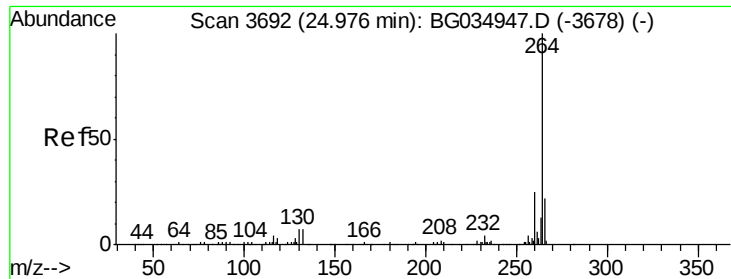
Tgt Ion:184 Resp: 18505
Ion Ratio Lower Upper
184 100
185 17.2 11.1 16.7#
183 10.0 10.6 16.0#



#78
Terphenyl-d14
Concen: 96.587 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:244 Resp: 1104361
Ion Ratio Lower Upper
244 100
212 9.2 5.8 8.8#
122 6.2 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3678
Delta R.T. -0.06 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 264 Resp: 227224
Ion Ratio Lower Upper
264 100
260 22.1 17.4 26.0
265 20.2 17.7 26.5

