

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042618\
 Data File : BG034017.D
 Acq On : 26 Apr 2018 18:52
 Operator : SJ/JU
 Sample : J2531-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 042318-DBRI-E-D-B

Quant Time: Apr 27 01:34:43 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

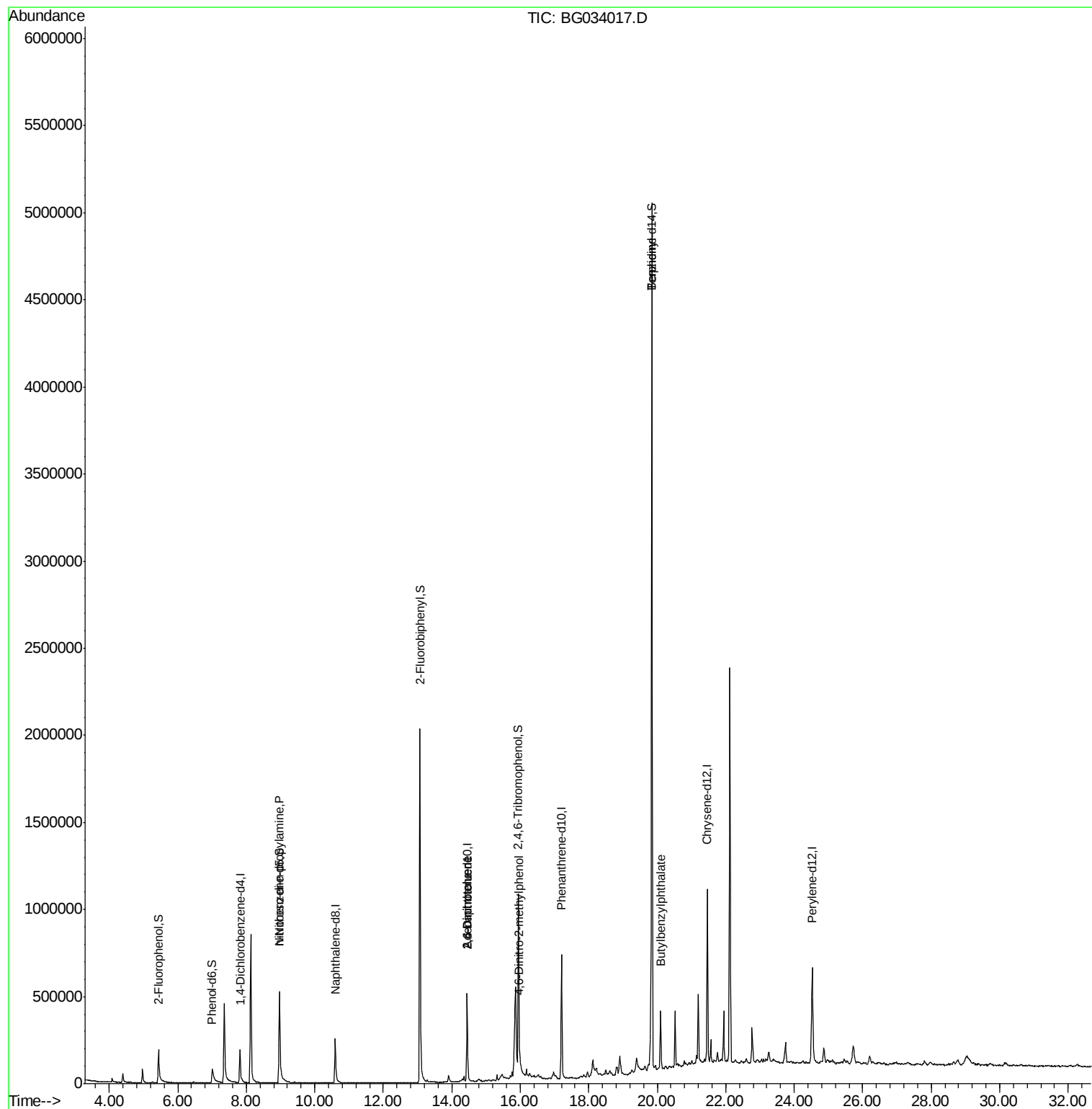
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	71237	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	310613	20.00	ng	-0.03
38) Acenaphthene-d10	14.45	164	207747	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	552981	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	597488	20.00	ng	-0.03
86) Perylene-d12	24.53	264	602359	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	156075	34.98	ng	-0.01
7) Phenol-d6	7.01	99	114256	17.56	ng	0.00
23) Nitrobenzene-d5	8.97	82	471798	86.44	ng	-0.02
41) 2,4,6-Tribromophenol	15.94	330	264739	109.23	ng	-0.02
44) 2-Fluorobiphenyl	13.07	172	1353299	95.69	ng	-0.03
78) Terphenyl-d14	19.84	244	2276675	85.61	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	67	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.96	70	62823	11.324 ng	#	72
50) 2,6-Dinitrotoluene	14.45	165	27351	7.898 ng	#	21
56) 2,4-Dinitrotoluene	14.45	165	27351	5.939 ng	#	19
64) 4,6-Dinitro-2-methylphenol	15.98	198	220	6.561 ng		83
76) Benzidine	19.84	184	37743	2.339 ng	#	89
79) Butylbenzylphthalate	20.10	149	175110	10.175 ng	#	21

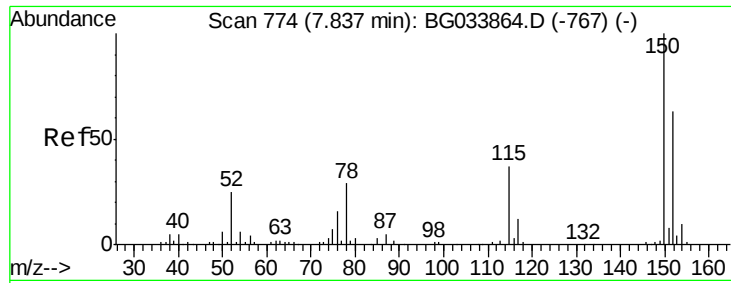
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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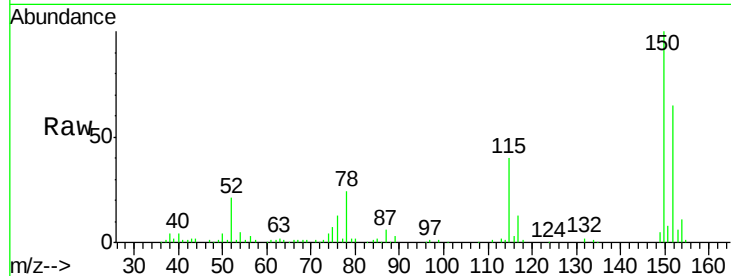


#1

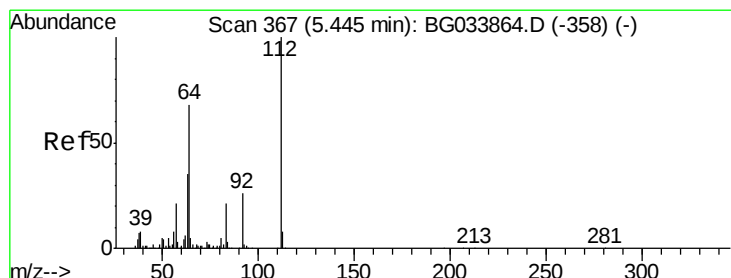
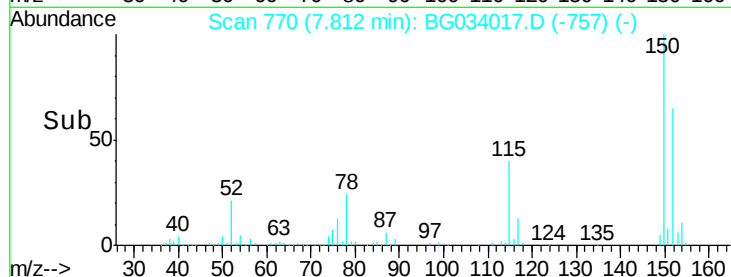
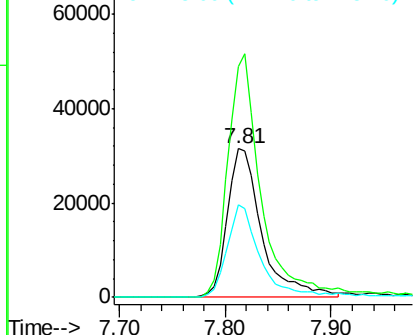
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 770
Delta R.T. -0.02 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-B

Tgt Ion:152 Resp: 71237
Ion Ratio Lower Upper
152 100
150 154.9 126.6 189.8
115 62.4 53.0 79.4



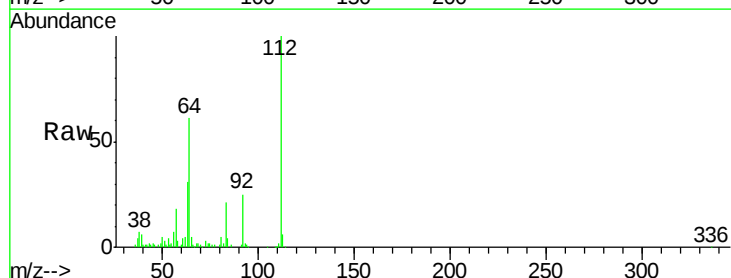
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



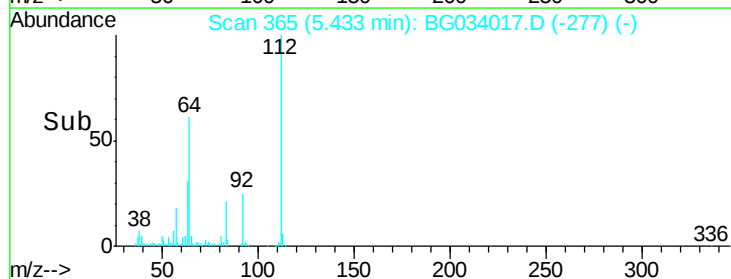
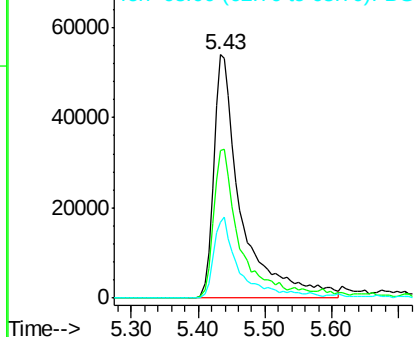
#5

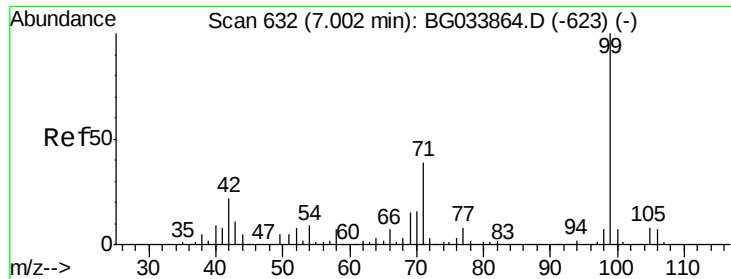
2-Fluorophenol
Concen: 34.979 ng
RT: 5.43 min Scan# 365
Delta R.T. -0.01 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Tgt Ion:112 Resp: 156075
Ion Ratio Lower Upper
112 100
64 60.6 56.3 84.5
63 31.1 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: 17.556 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG034017.D

Acq: 26 Apr 2018 18:52

Instrument :

BNA_G

ClientSampleId :

042318-DBRI-E-D-B

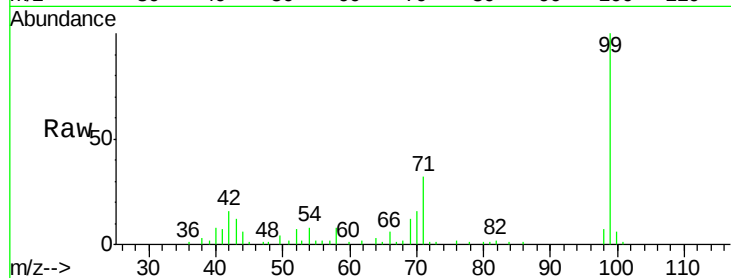
Tgt Ion: 99 Resp: 114256

Ion Ratio Lower Upper

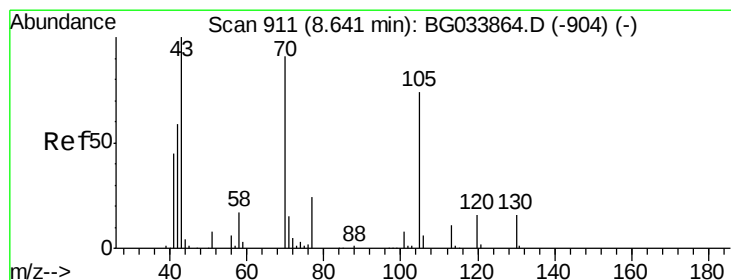
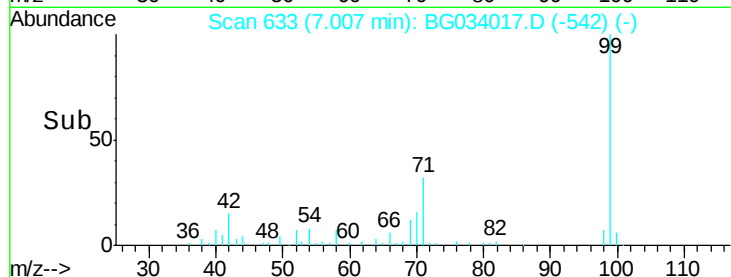
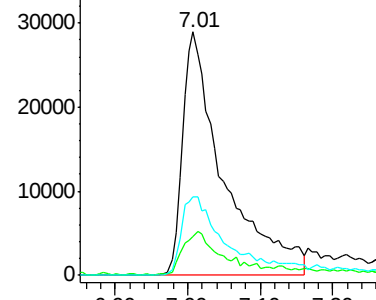
99 100

42 16.0 14.1 21.1

71 32.5 26.1 39.1



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: 11.324 ng

RT: 8.96 min Scan# 966

Delta R.T. 0.32 min

Lab File: BG034017.D

Acq: 26 Apr 2018 18:52

Tgt Ion: 70 Resp: 62823

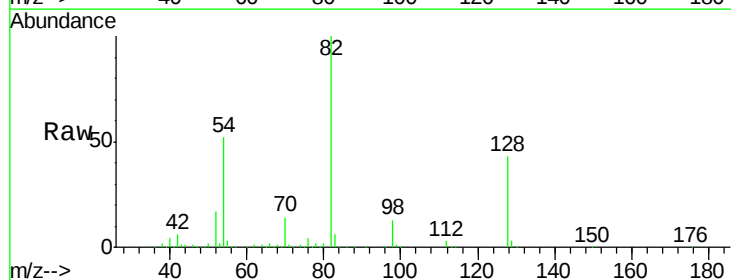
Ion Ratio Lower Upper

70 100

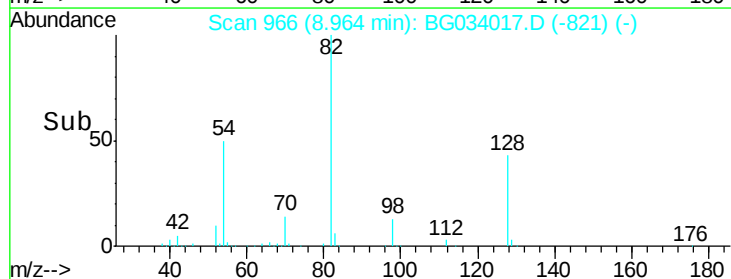
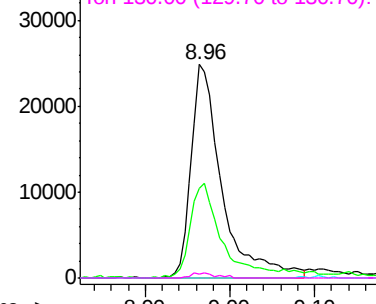
42 41.9 49.1 73.7#

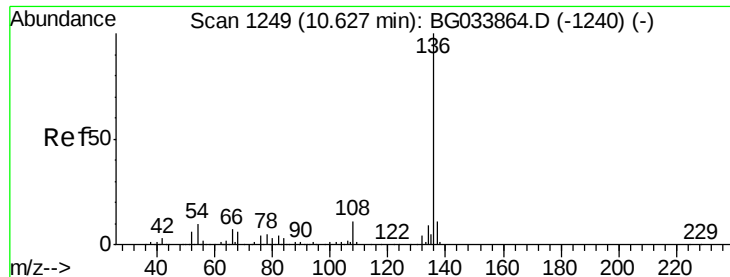
101 0.0 8.5 12.7#

130 1.8 13.4 20.0#



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

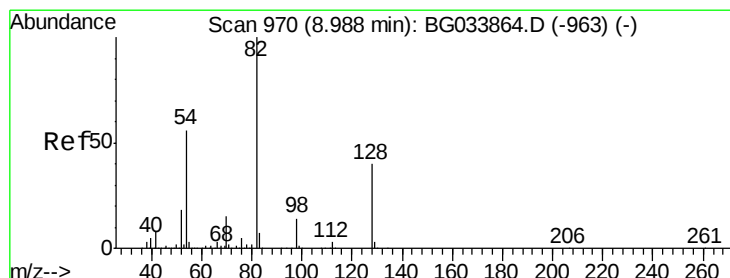
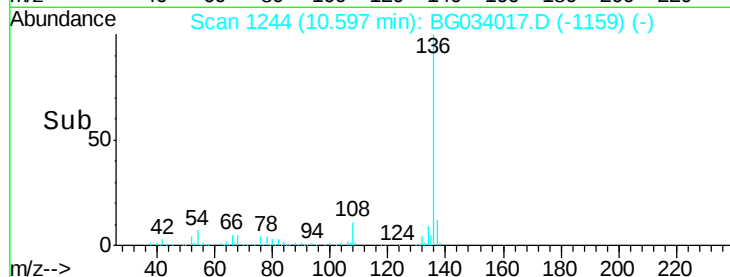
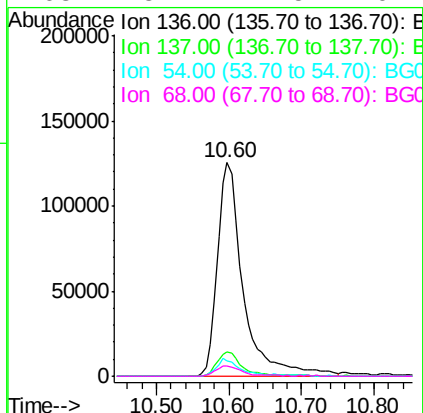
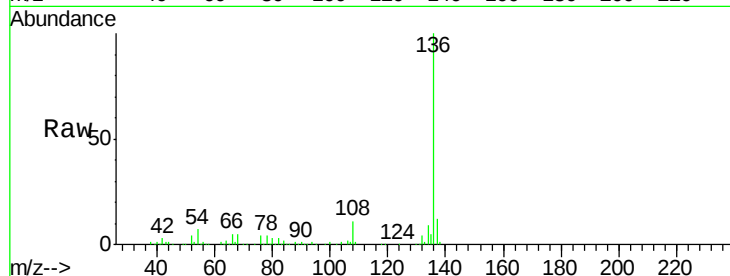




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

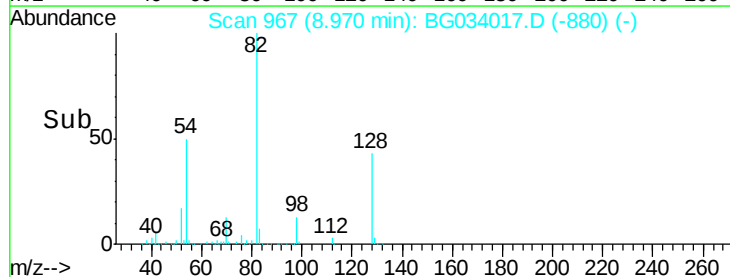
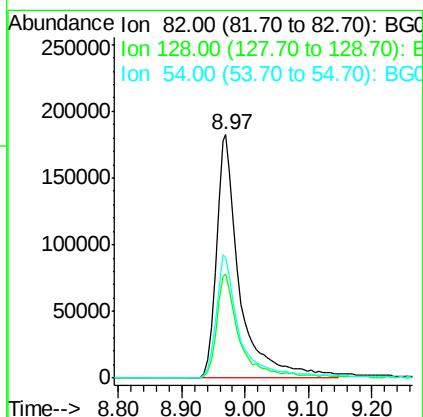
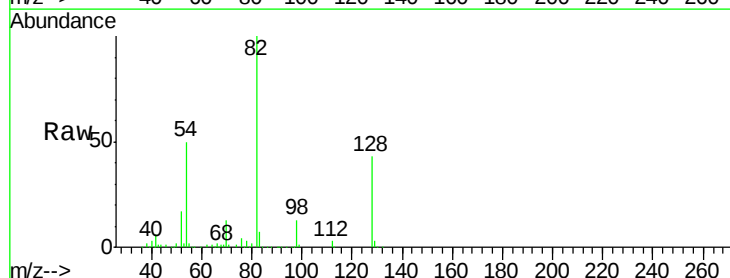
Instrument :
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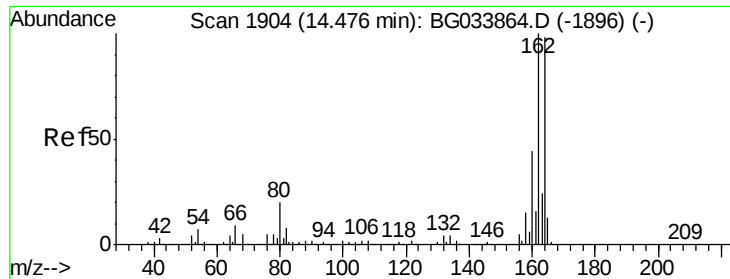
Tgt Ion:	136	Resp:	310613
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.4	10.3	15.5#
68	5.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 86.441 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Tgt Ion:	82	Resp:	471798
Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	49.6	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BG034017.D

Acq: 26 Apr 2018 18:52

Instrument :

BNA_G

ClientSampleId :

042318-DBRI-E-D-B

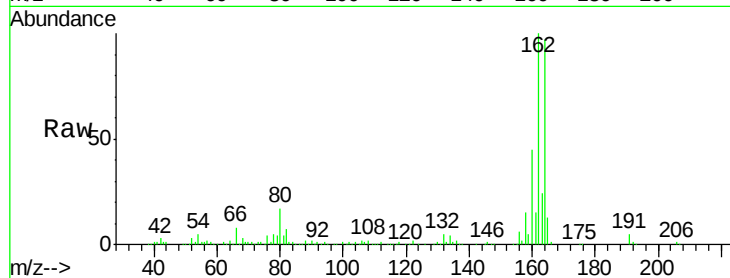
Tgt Ion:164 Resp: 207747

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

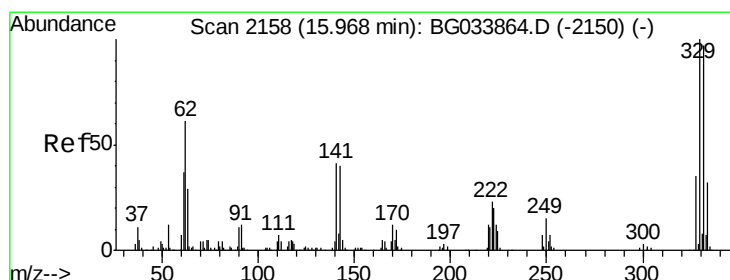
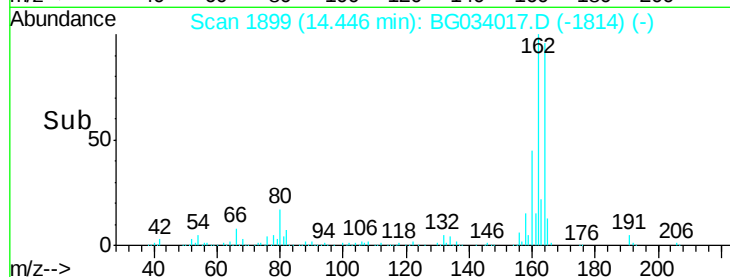
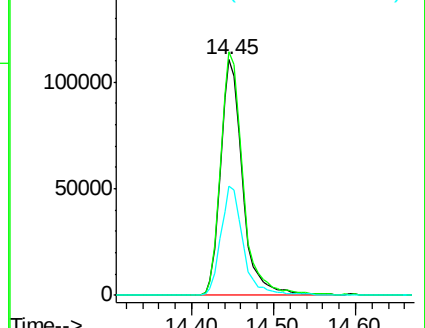
160 46.5 35.4 53.0



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: 109.229 ng

RT: 15.94 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BG034017.D

Acq: 26 Apr 2018 18:52

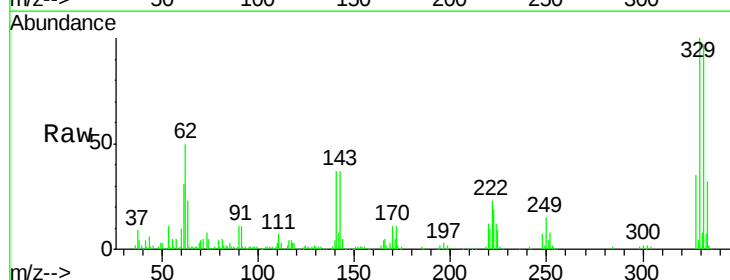
Tgt Ion:330 Resp: 264739

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

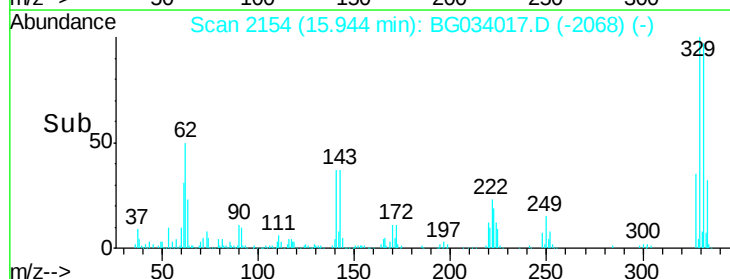
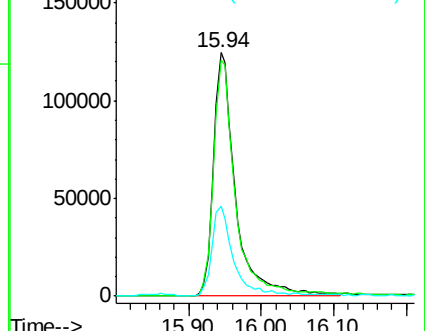
141 35.8 25.2 37.8

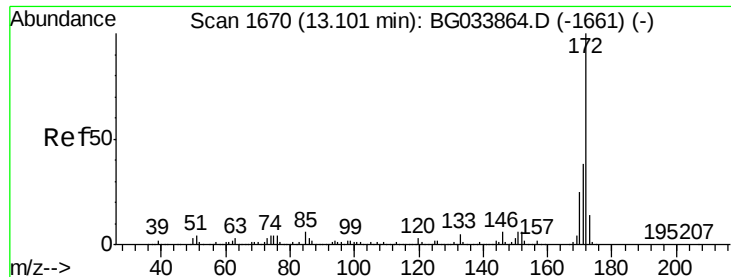


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

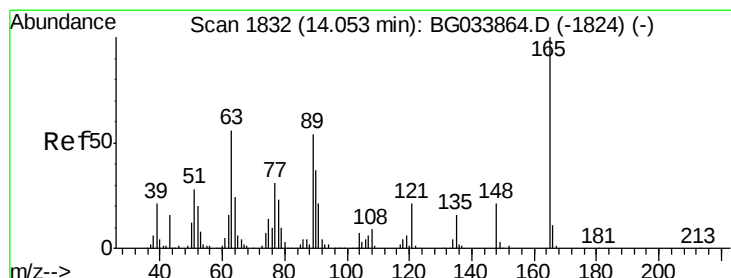
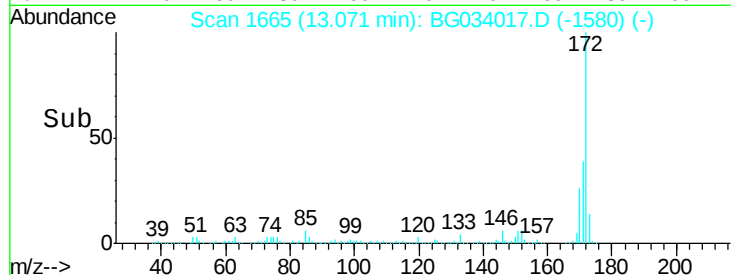
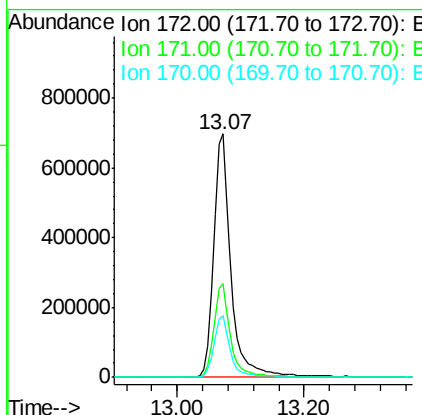
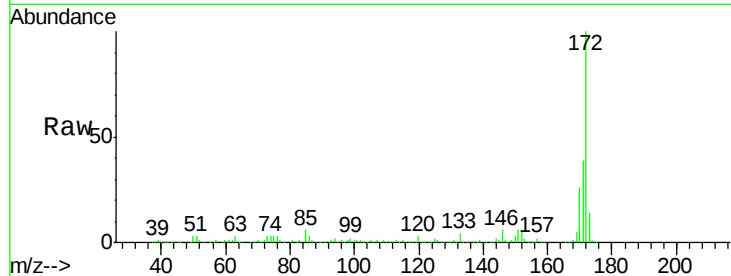




#44
 2-Fluorobiphenyl
 Concen: 95.695 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.03 min
 Lab File: BG034017.D
 Acq: 26 Apr 2018 18:52

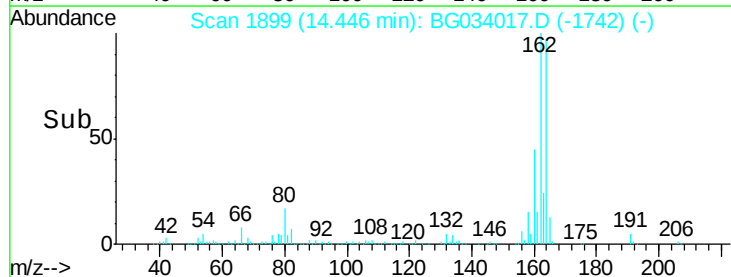
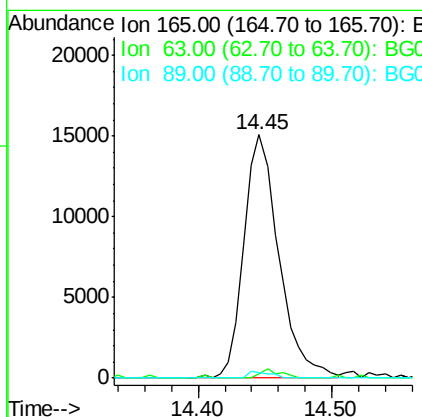
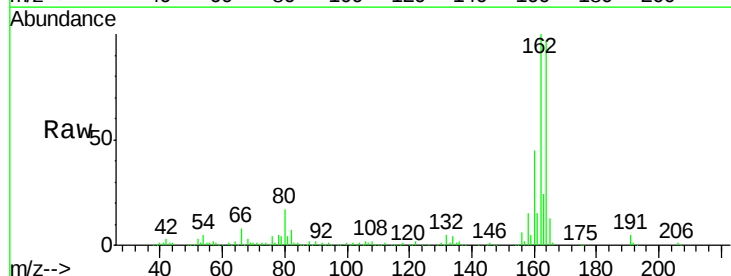
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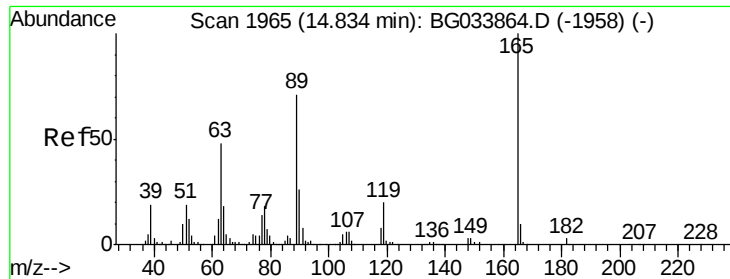
Tgt Ion:172 Resp: 1353299
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 25.5 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.898 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. 0.39 min
 Lab File: BG034017.D
 Acq: 26 Apr 2018 18:52

Tgt Ion:165 Resp: 27351
 Ion Ratio Lower Upper
 165 100
 63 1.8 52.7 79.1#
 89 2.4 49.2 73.8#

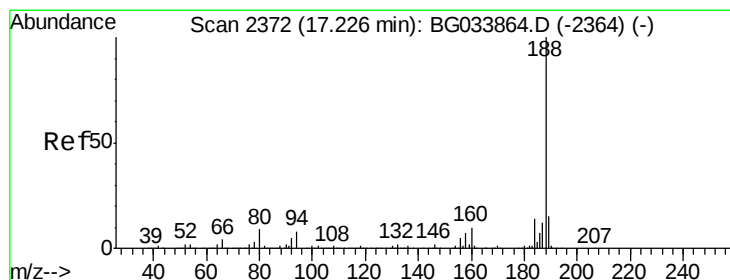
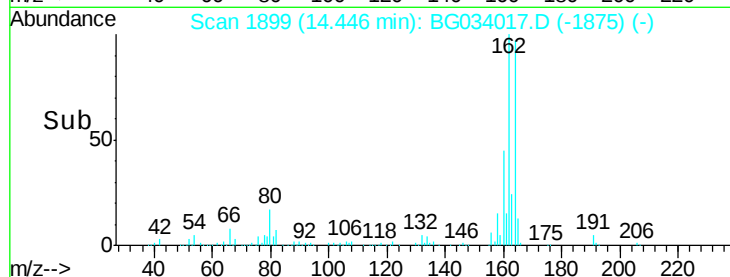
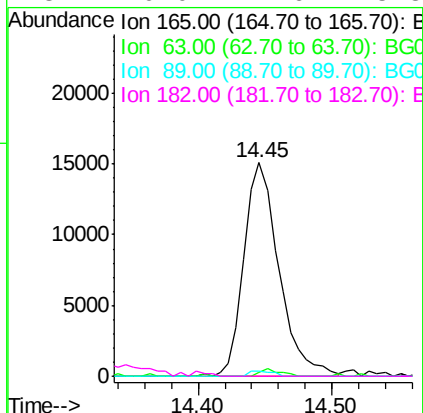
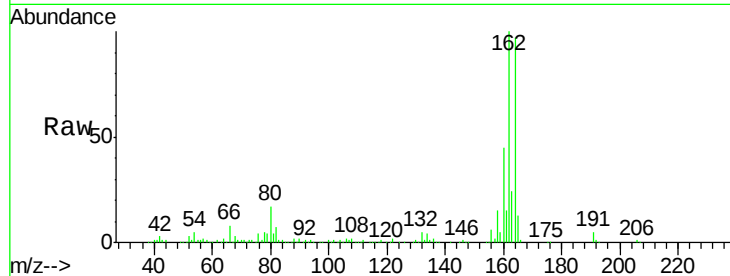




#56
 2,4-Dinitrotoluene
 Concen: 5.939 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. -0.39 min
 Lab File: BG034017.D
 Acq: 26 Apr 2018 18:52

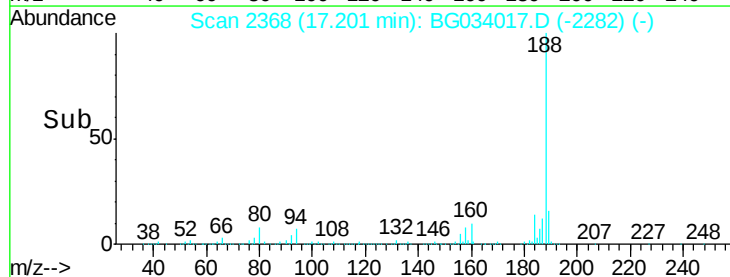
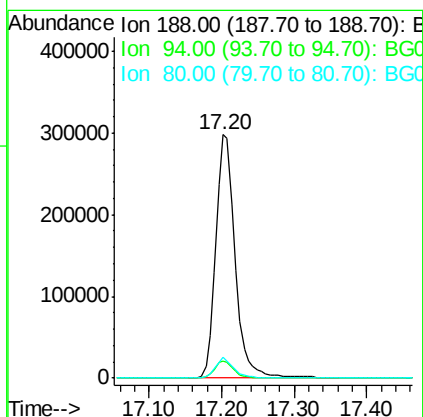
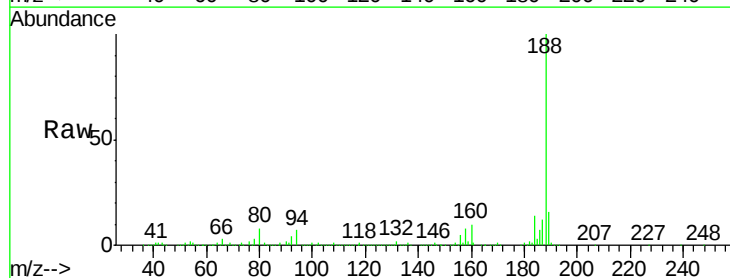
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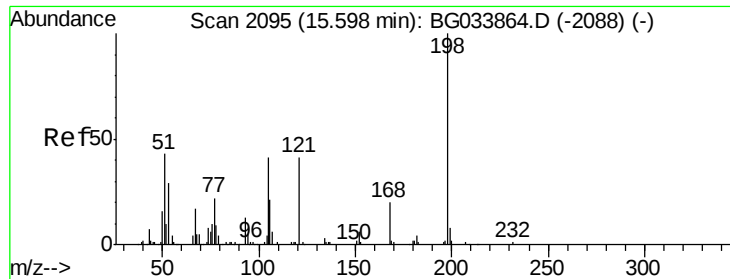
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	2.4	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2368
 Delta R.T. -0.02 min
 Lab File: BG034017.D
 Acq: 26 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.4	7.7	11.5

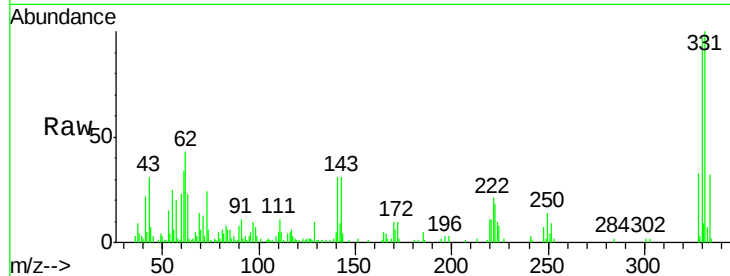




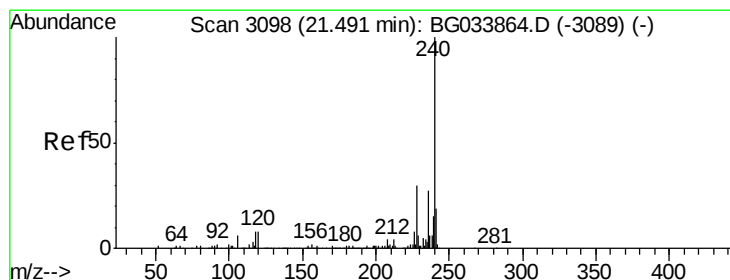
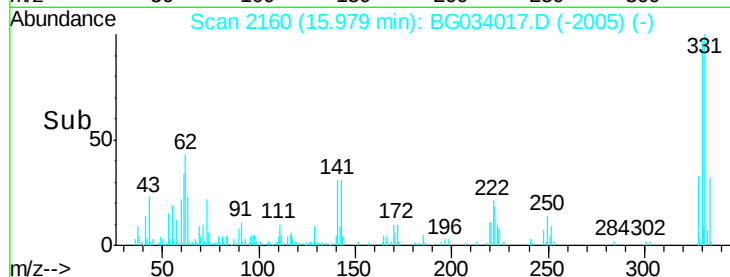
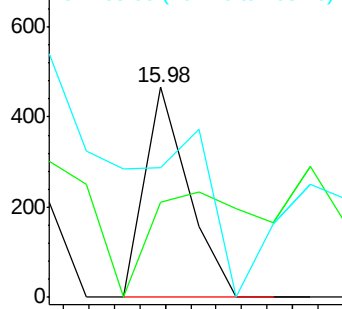
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.561 ng
 RT: 15.98 min Scan# 2160
 Delta R.T. 0.38 min
 Lab File: BG034017.D
 Acq: 26 Apr 2018 18:52

Instrument :
 BNA_G
 ClientSampleId :
 042318-DBRI-E-D-B

Tgt Ion:198 Resp: 220
 Ion Ratio Lower Upper
 198 100
 51 45.3 30.6 70.6
 105 61.6 23.8 63.8

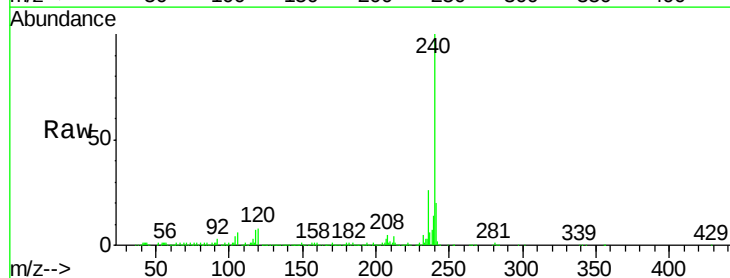


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

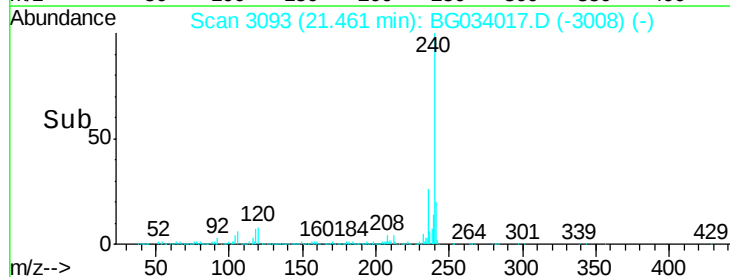
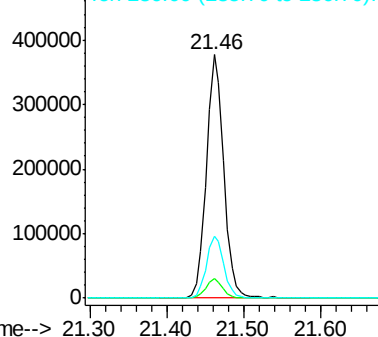


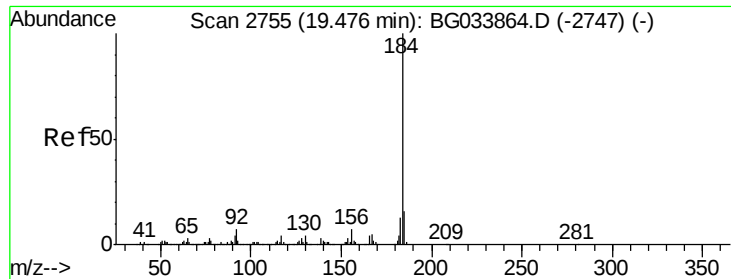
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.46 min Scan# 3093
 Delta R.T. -0.03 min
 Lab File: BG034017.D
 Acq: 26 Apr 2018 18:52

Tgt Ion:240 Resp: 597488
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.8 10.2
 236 25.5 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

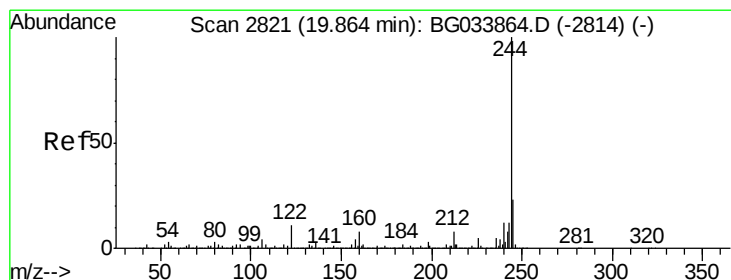
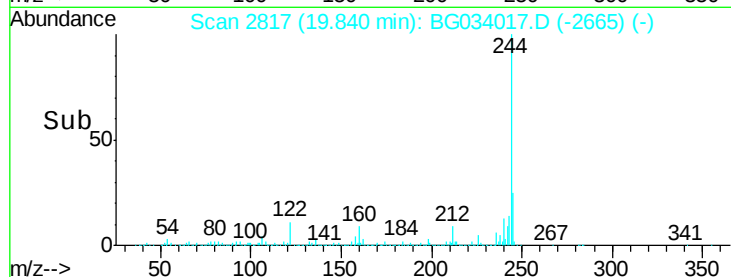
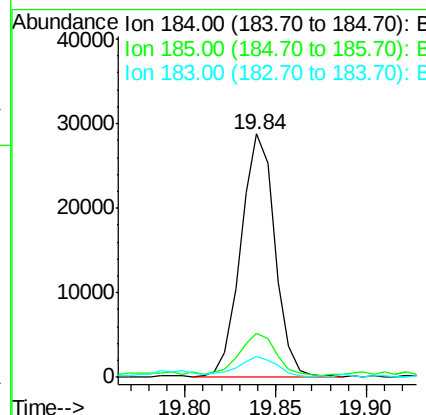
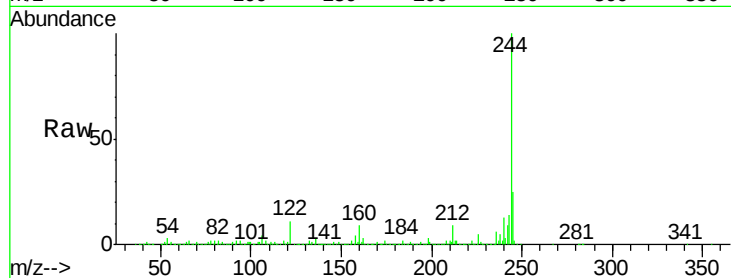




#76
Benzidine
Concen: 2.339 ng
RT: 19.84 min Scan# 2817
Delta R.T. 0.36 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

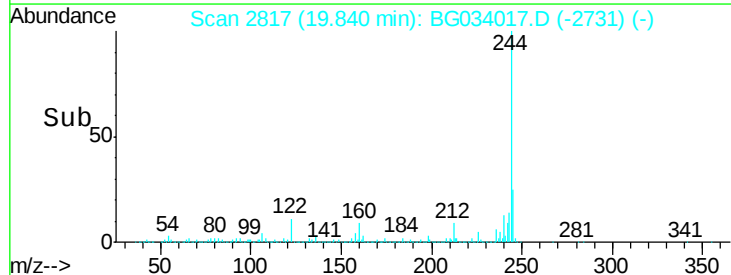
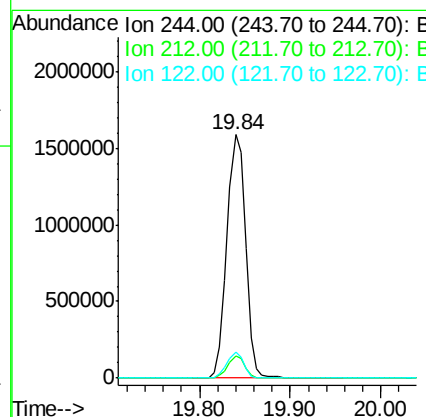
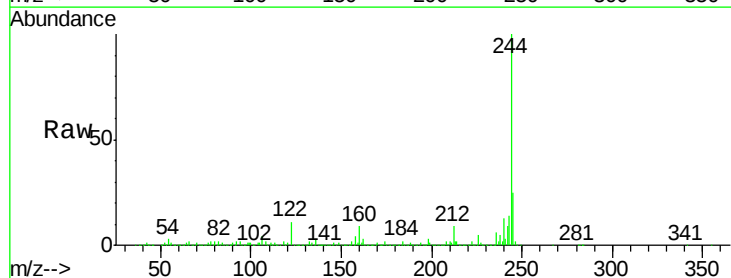
Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-B

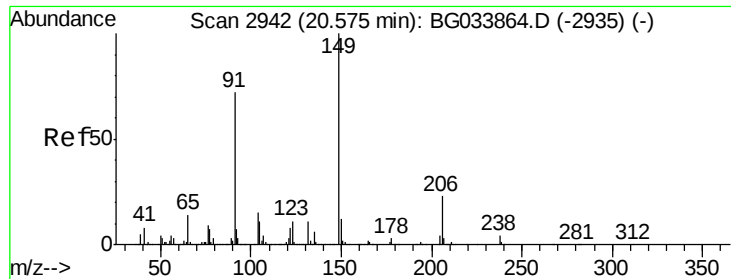
Tgt Ion:184 Resp: 37743
Ion Ratio Lower Upper
184 100
185 18.2 11.1 16.7#
183 8.4 10.6 16.0#



#78
Terphenyl-d14
Concen: 85.605 ng
RT: 19.84 min Scan# 2817
Delta R.T. -0.02 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Tgt Ion:244 Resp: 2276675
Ion Ratio Lower Upper
244 100
212 9.2 5.8 8.8#
122 10.6 7.0 10.4#

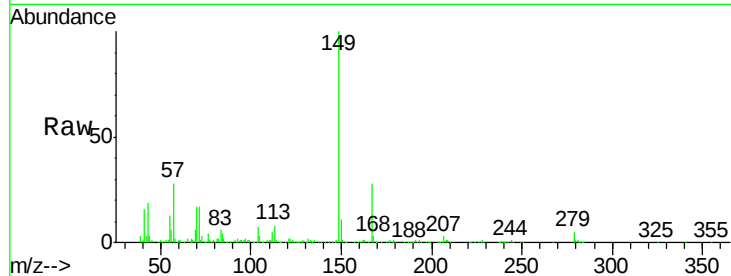




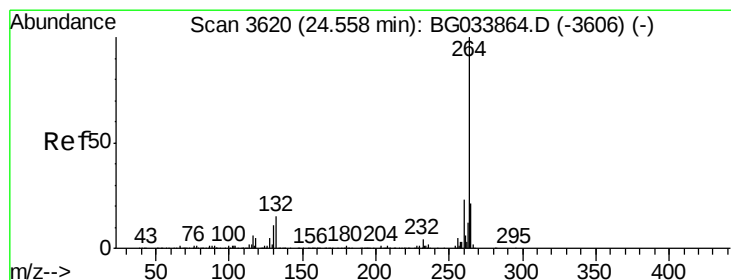
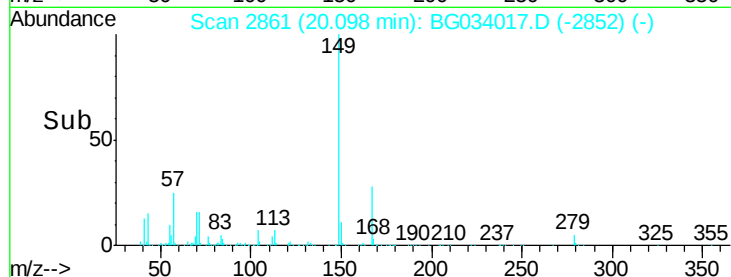
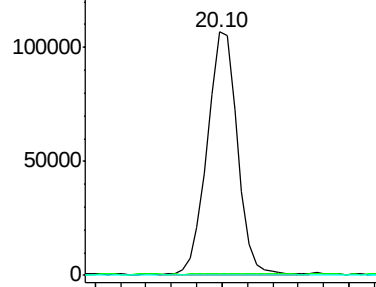
#79
Butylbenzylphthalate
Concen: 10.175 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.48 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-B

Tgt Ion:149 Resp: 175110
Ion Ratio Lower Upper
149 100
91 0.6 62.2 93.2#
206 0.1 18.6 27.8#

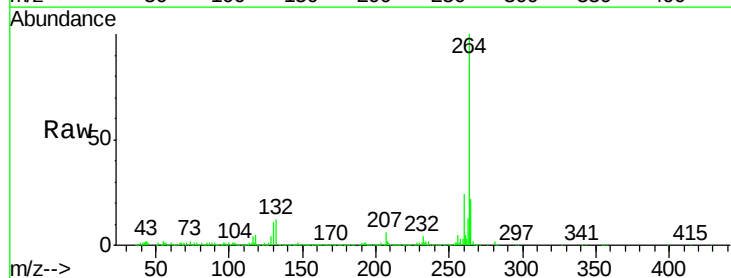


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.53 min Scan# 3615
Delta R.T. -0.03 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Tgt Ion:264 Resp: 602359
Ion Ratio Lower Upper
264 100
260 23.9 17.4 26.0
265 22.0 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

