

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043547.D
 Acq On : 7 Nov 2019 20:09
 Operator : JU
 Sample : K5723-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-B

Quant Time: Nov 08 04:17:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

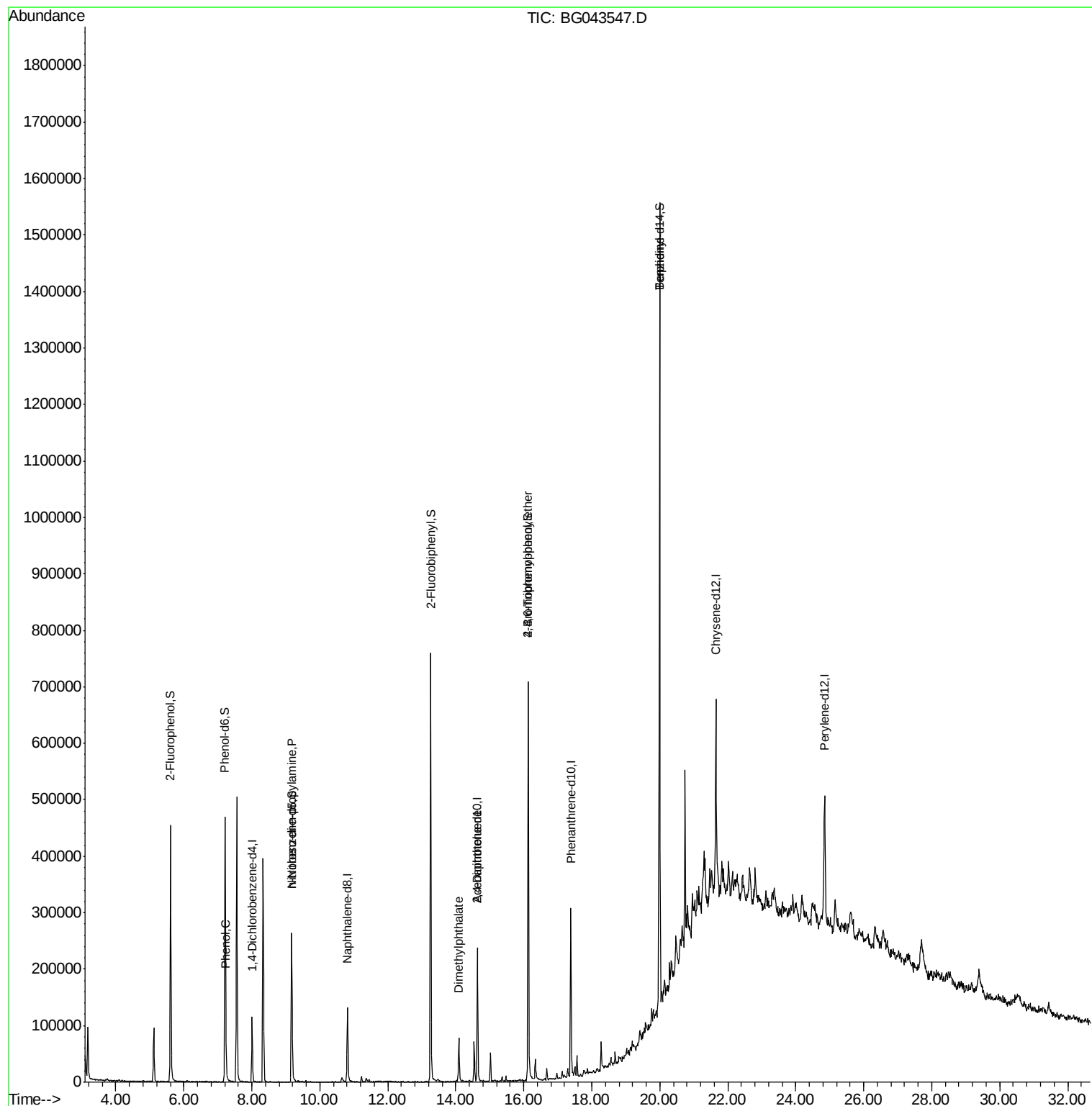
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34219	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	128123	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	89394	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	209941	20.00	ng	0.00
76) Chrysene-d12	21.65	240	209023	20.00	ng	0.00
87) Perylene-d12	24.85	264	251875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	218995	117.27	ng	0.02
7) Phenol-d6	7.21	99	302522	112.60	ng	0.02
23) Nitrobenzene-d5	9.17	82	186147	74.90	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	174112	102.35	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	459144	70.97	ng	0.00
79) Terphenyl-d14	20.00	244	796349	71.48	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12424	5.060	ng	87
19) n-Nitroso-di-n-propylamine	9.17	70	25826	14.876	ng	# 73
50) Dimethylphthalate	14.09	163	62053	8.962	ng	96
57) 2,4-Dinitrotoluene	14.64	165	12176	5.664	ng	# 29
67) 4-Bromophenyl-phenylether	16.13	248	11316	4.005	ng	# 1
77) Benzidine	19.99	184	12001	2.853	ng	# 90

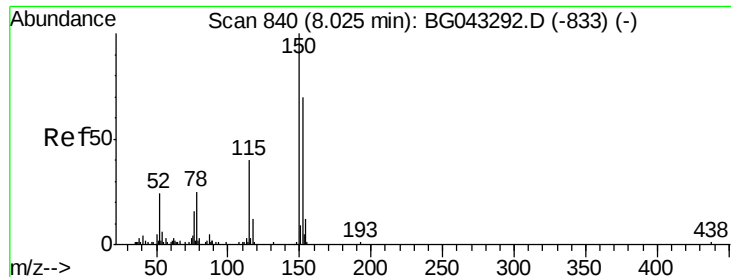
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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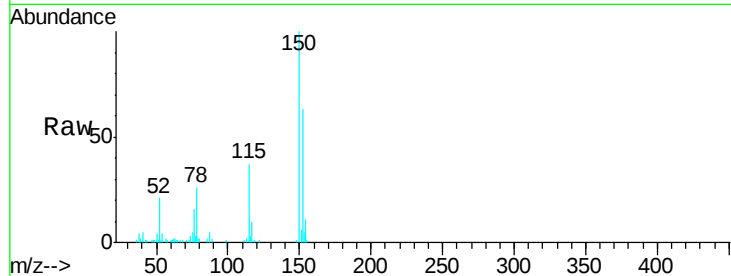


#1

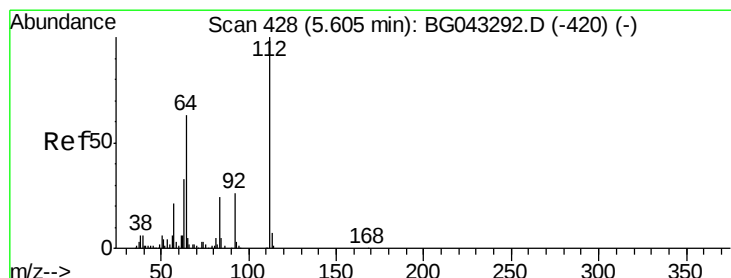
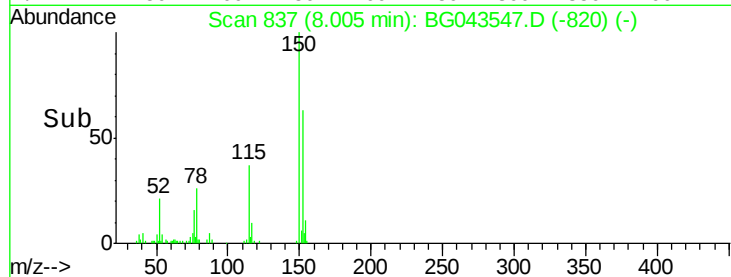
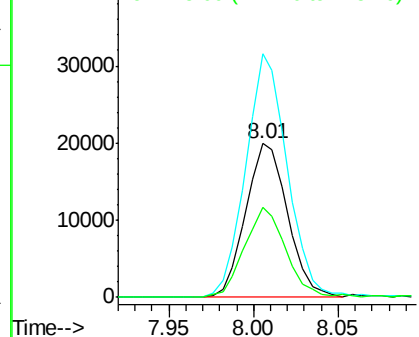
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:152 Resp: 34219
Ion Ratio Lower Upper
152 100
150 158.2 129.4 194.0
115 58.2 48.8 73.2



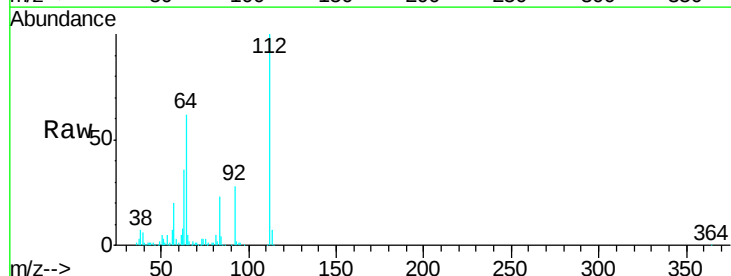
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



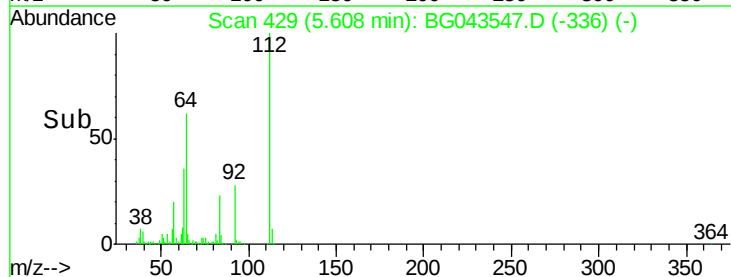
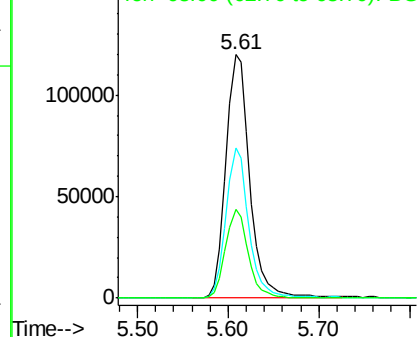
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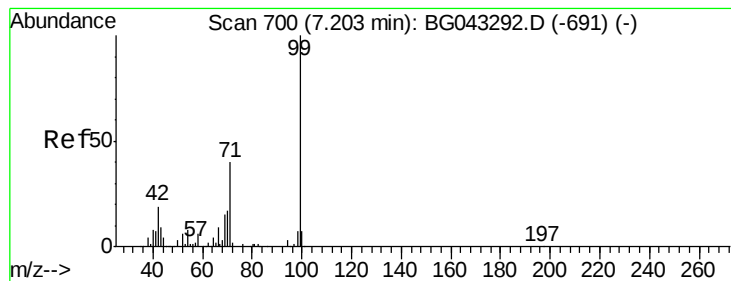
2-Fluorophenol
Concen: 117.273 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Tgt Ion:112 Resp: 218995
Ion Ratio Lower Upper
112 100
64 61.9 50.0 75.0
63 36.2 26.6 40.0



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: 112.598 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

Instrument :

BNA_G

ClientSampleId :

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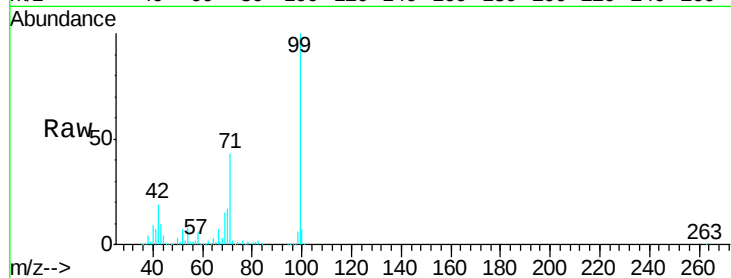
Tgt Ion: 99 Resp: 302522

Ion Ratio Lower Upper

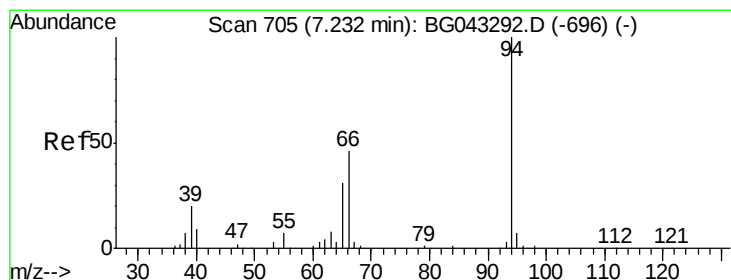
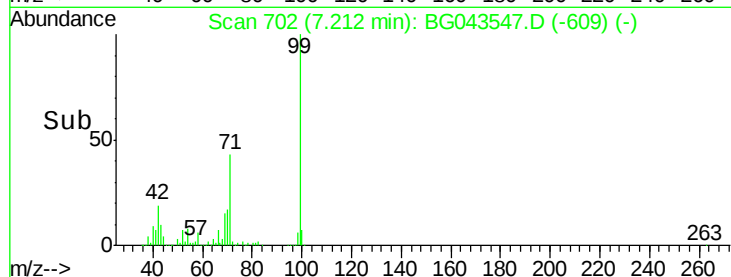
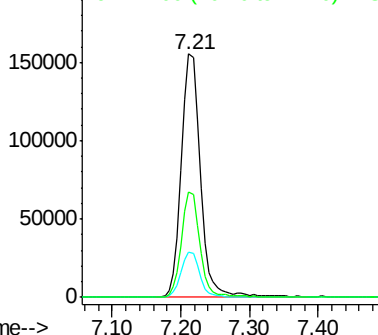
99 100

42 18.6 14.6 21.8

71 43.3 32.5 48.7



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



#10

Phenol

Concen: 5.060 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

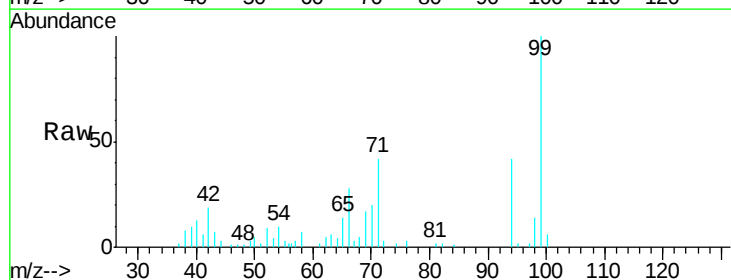
Tgt Ion: 94 Resp: 12424

Ion Ratio Lower Upper

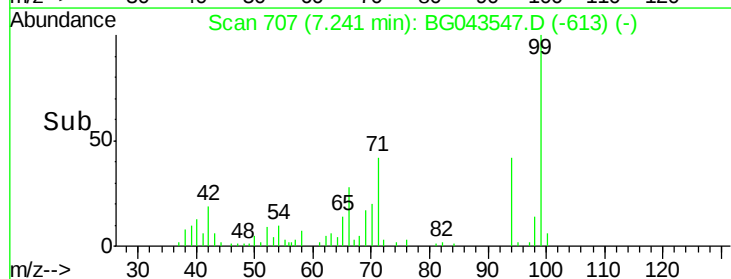
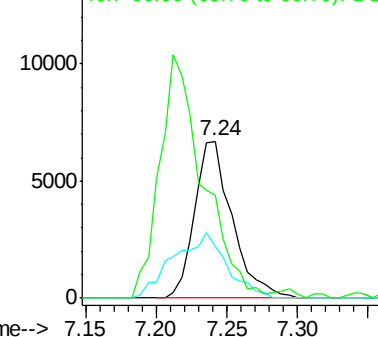
94 100

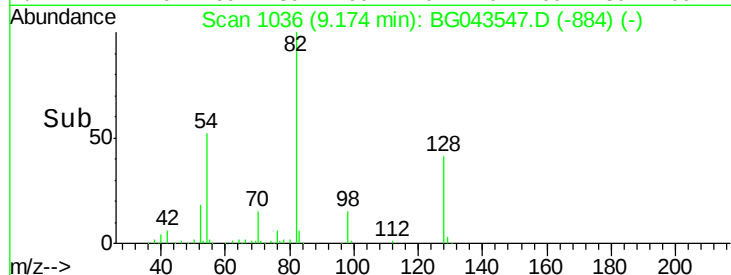
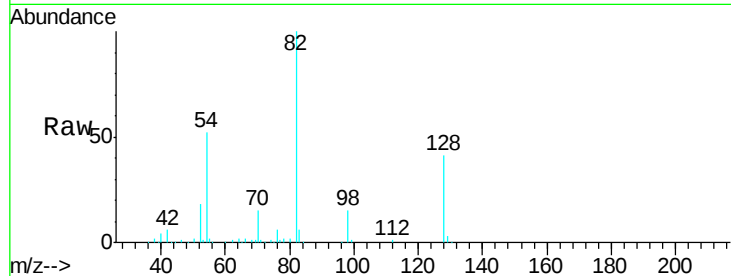
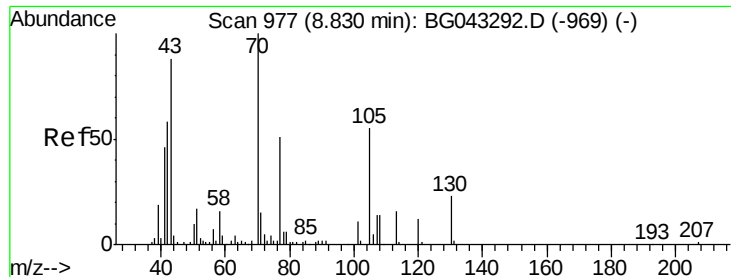
65 33.3 12.6 52.6

66 65.3 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

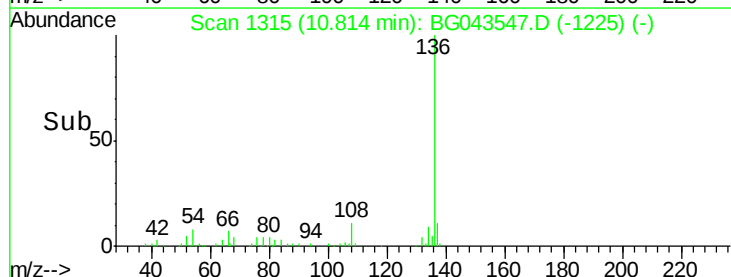
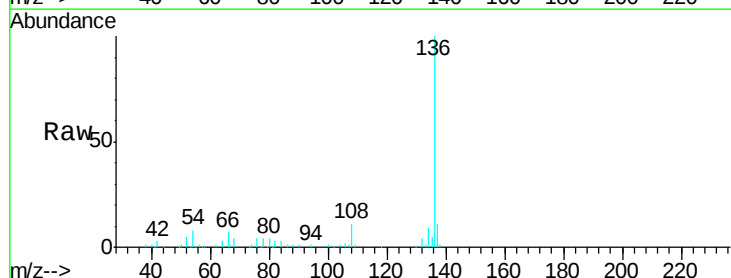
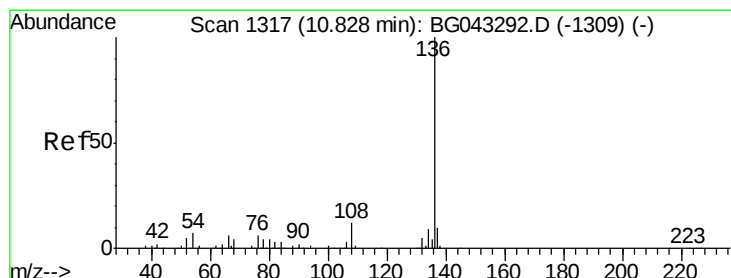
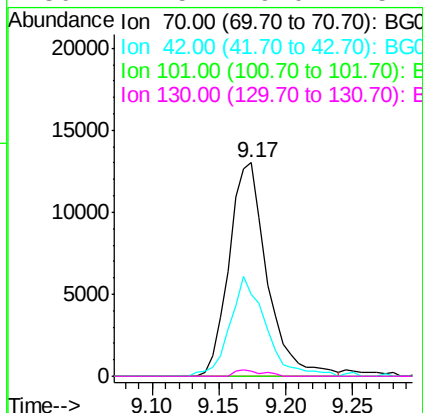




#19
n-Nitroso-di-n-propylamine
Concen: 14.876 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.36 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

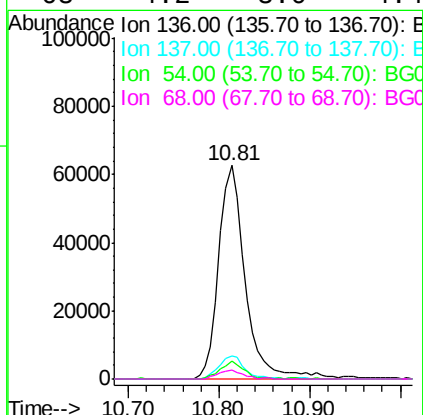
Instrument :
BNA_G
ClientSampleId :
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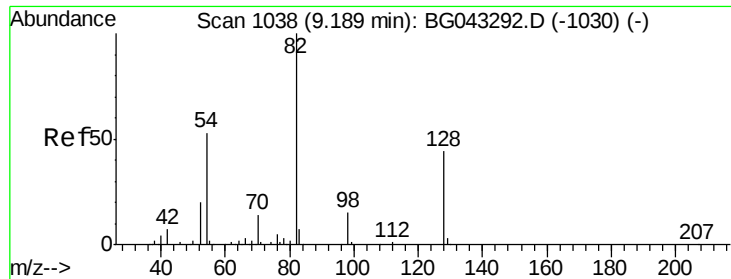
Tgt Ion:	70	Resp:	25826
Ion	Ratio	Lower	Upper
70	100		
42	38.5	41.4	62.2#
101	0.0	7.9	11.9#
130	2.5	19.0	28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Tgt Ion:	136	Resp:	128123
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.1	5.4	8.2
68	4.2	3.0	4.4

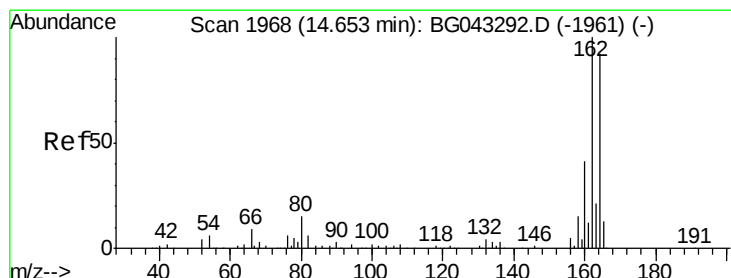
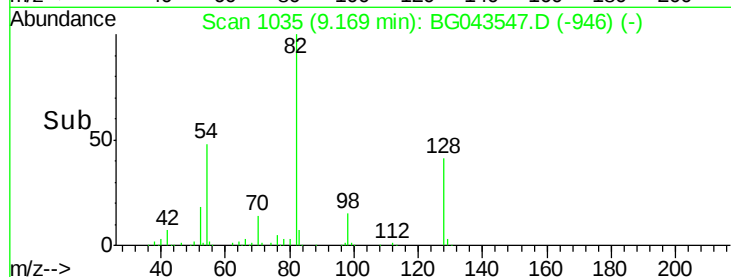
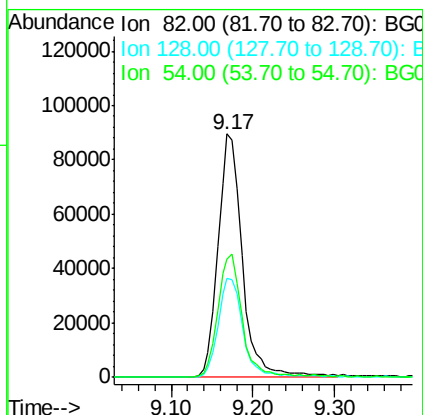
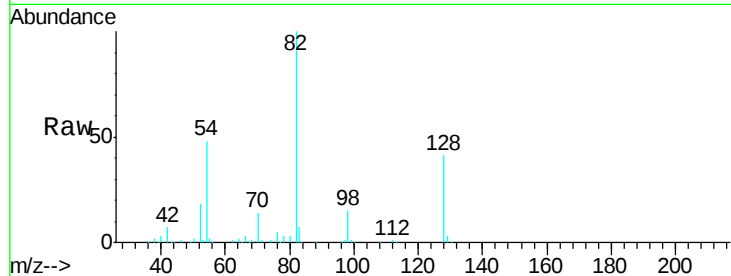




#23
 Nitrobenzene-d5
 Concen: 74.902 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

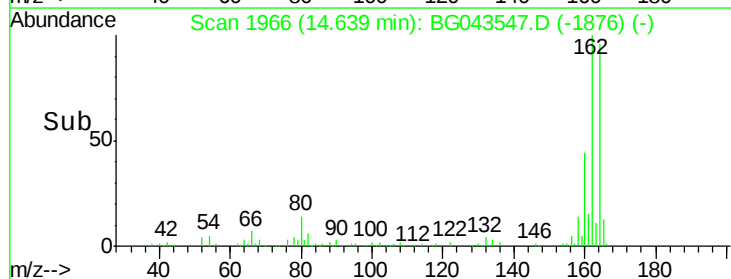
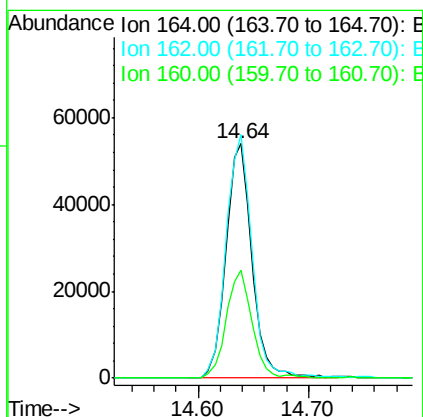
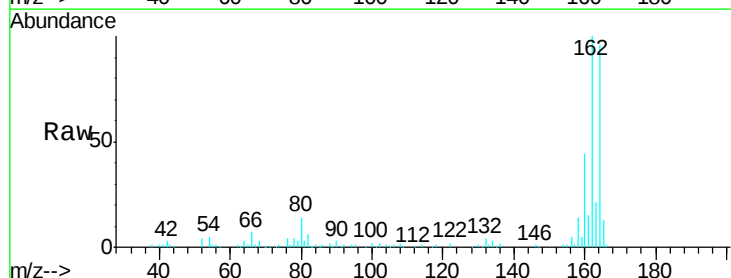
Instrument :
 BNA_G
 ClientSampleId :
 9-B

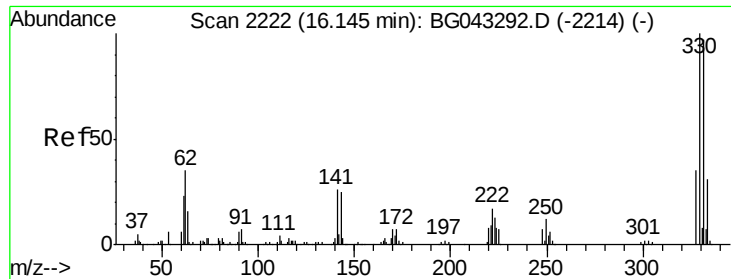
Tgt Ion: 82 Resp: 186147
 Ion Ratio Lower Upper
 82 100
 128 40.6 35.0 52.6
 54 48.3 40.2 60.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

Tgt Ion: 164 Resp: 89394
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.5 125.3
 160 46.0 36.5 54.7

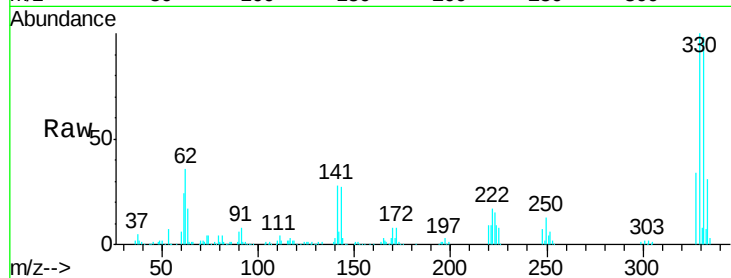




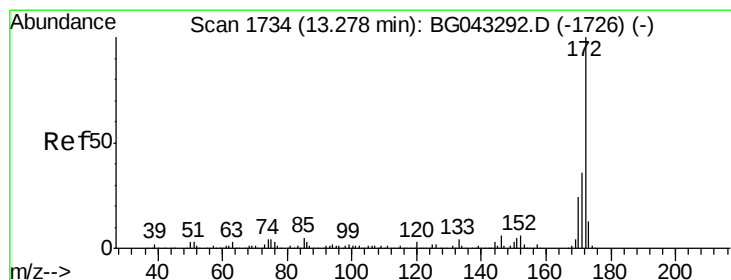
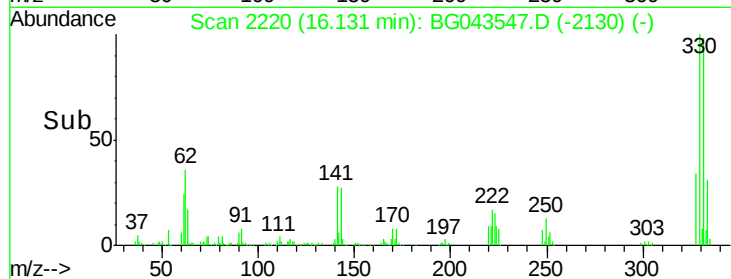
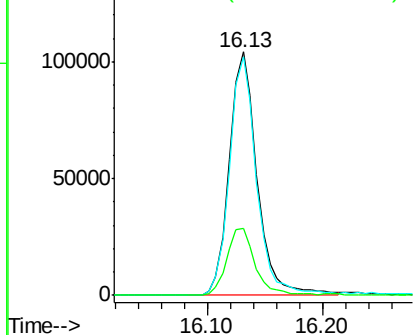
#42
 2,4,6-Tribromophenol
 Concen: 102.348 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

Instrument :
 BNA_G
 ClientSampleId :
 9-B

Tgt Ion:330 Resp: 174112
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.0
 141 28.6 22.8 34.2

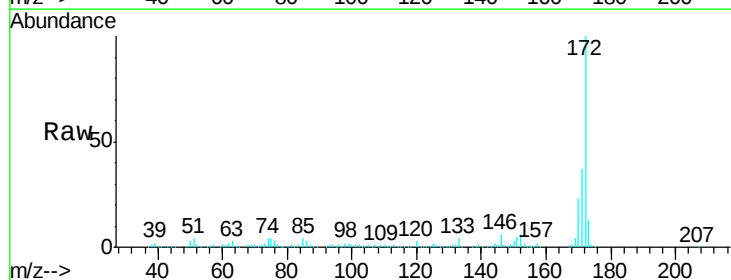


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

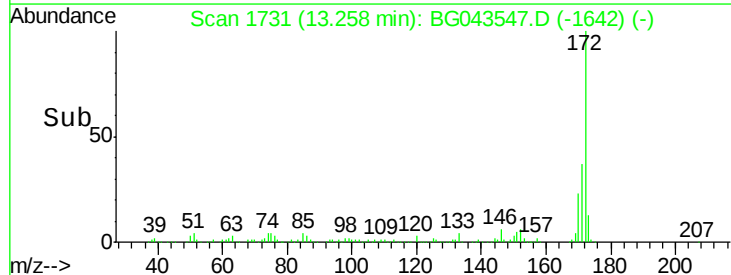
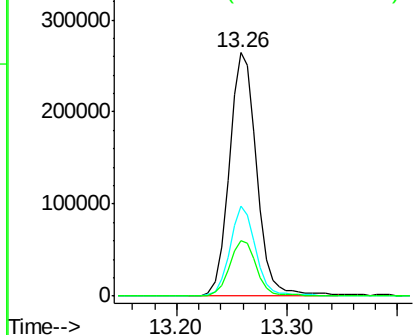


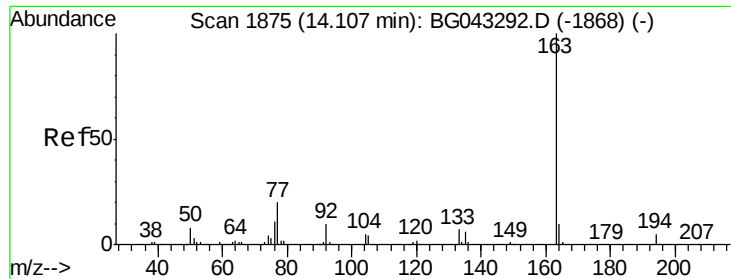
#45
 2-Fluorobiphenyl
 Concen: 70.972 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

Tgt Ion:172 Resp: 459144
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 22.7 18.5 27.7



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

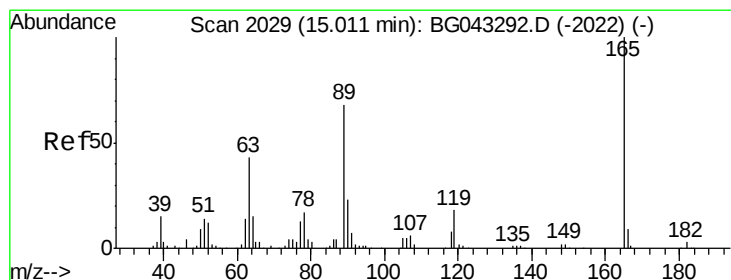
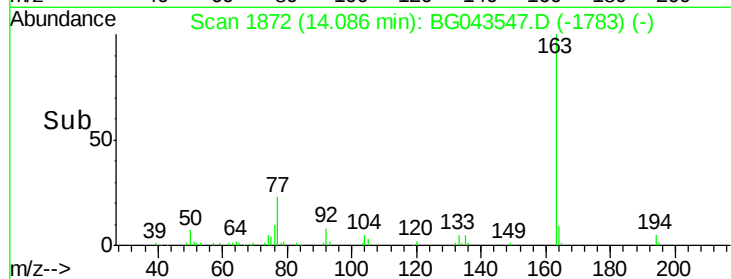
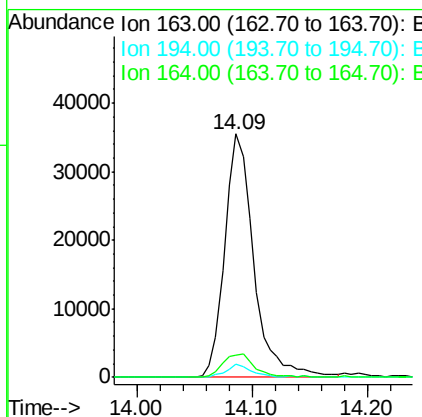
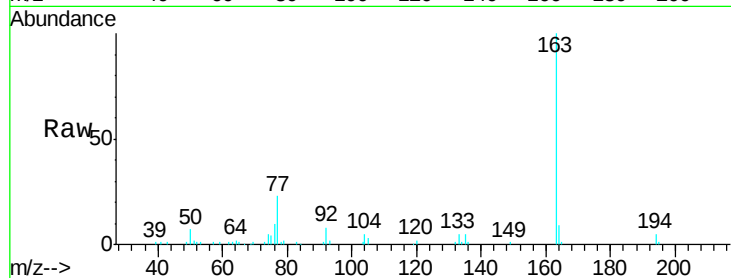




#50
Dimethylphthalate
Concen: 8.962 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

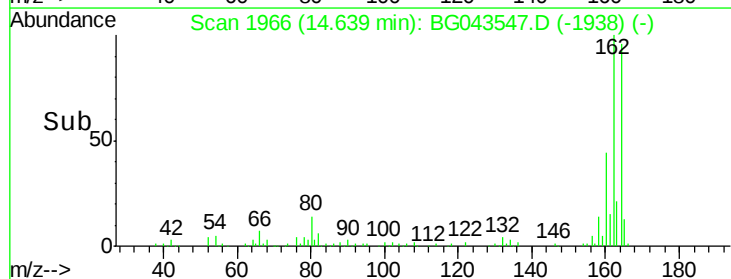
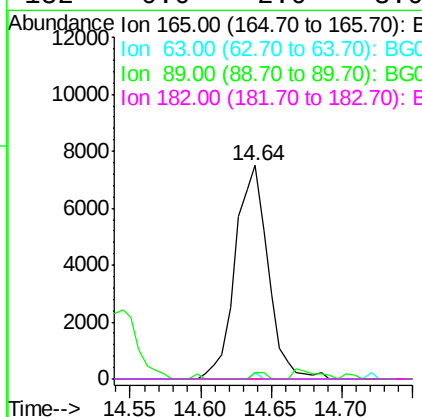
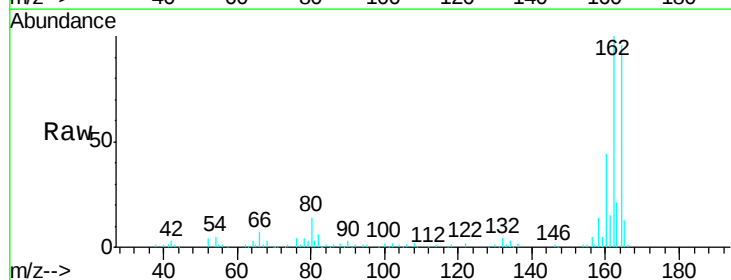
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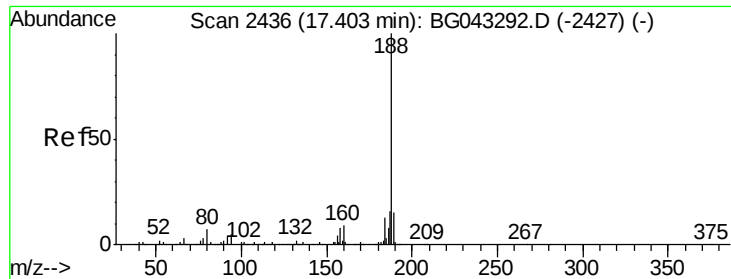
Tgt Ion:163 Resp: 62053
Ion Ratio Lower Upper
163 100
194 5.4 3.8 5.6
164 9.3 8.9 13.3



#57
2,4-Dinitrotoluene
Concen: 5.664 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.37 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Tgt Ion:165 Resp: 12176
Ion Ratio Lower Upper
165 100
63 2.9 33.2 49.8#
89 3.0 52.2 78.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

Instrument :

BNA_G

ClientSampleId :

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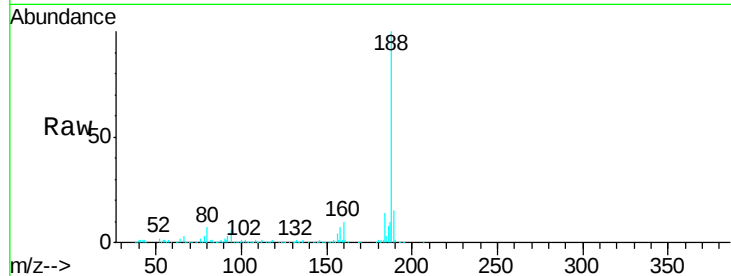
Tgt Ion:188 Resp: 209941

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

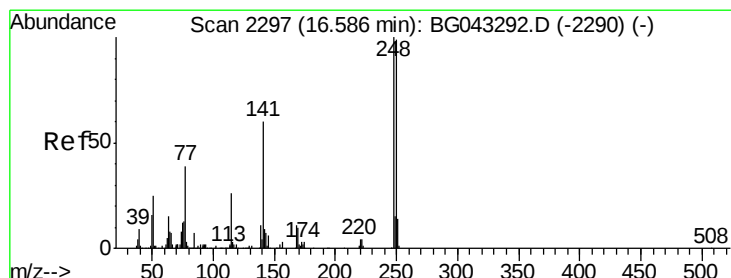
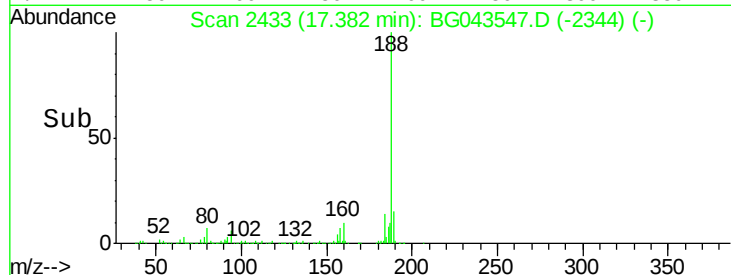
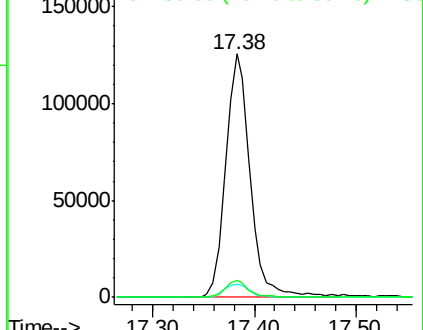
80 7.1 4.5 6.7#



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



#67

4-Bromophenyl-phenylether

Concen: 4.005 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.44 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

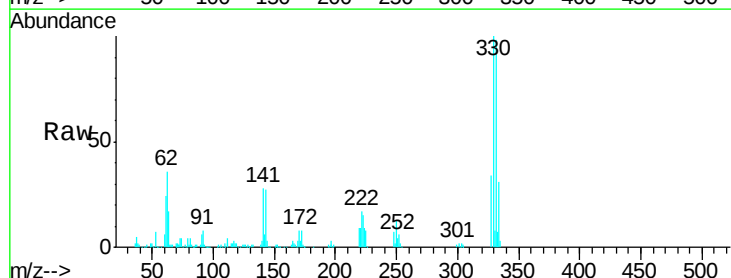
Tgt Ion:248 Resp: 11316

Ion Ratio Lower Upper

248 100

250 193.8 77.0 115.4#

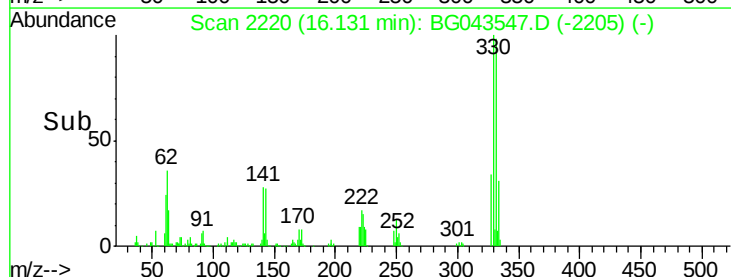
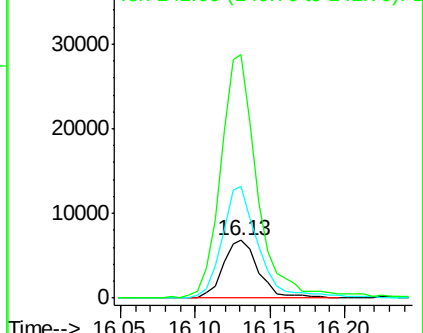
141 421.6 47.5 71.3#

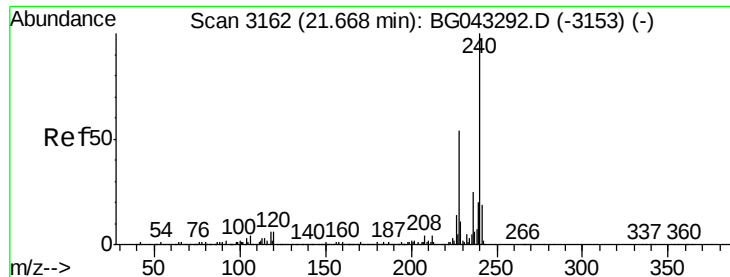


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

Instrument :

BNA_G

ClientSampleId :

9-B

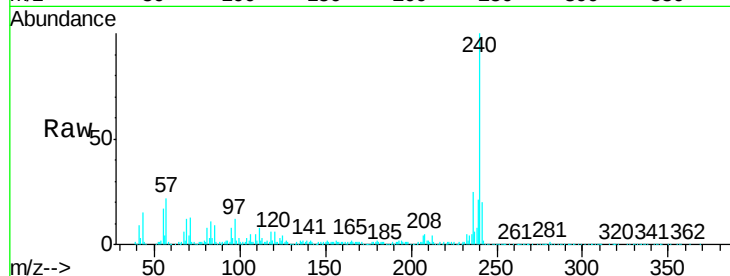
Tgt Ion:240 Resp: 209023

Ion Ratio Lower Upper

240 100

120 6.4 4.6 6.8

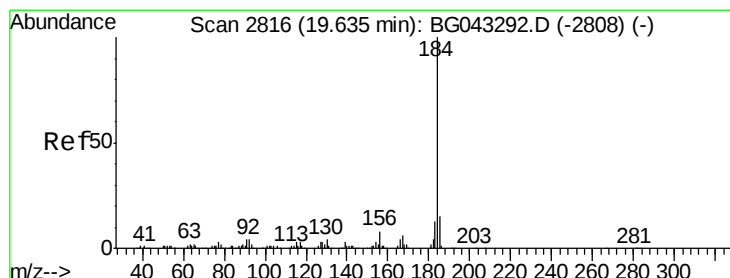
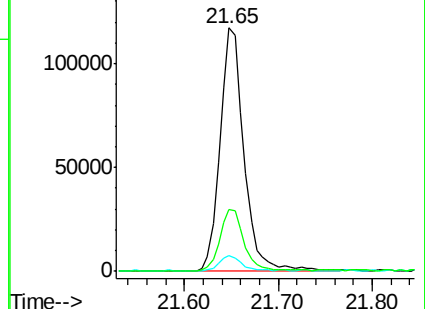
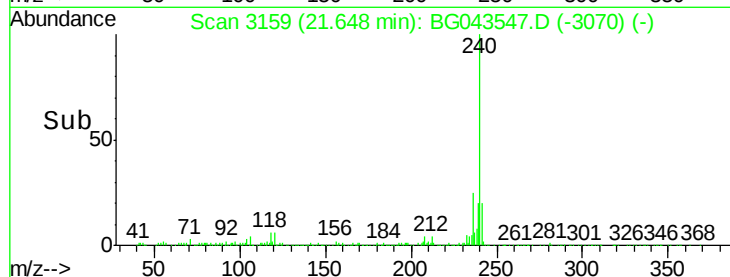
236 25.3 19.8 29.8



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



#77

Benzidine

Concen: 2.853 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.37 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

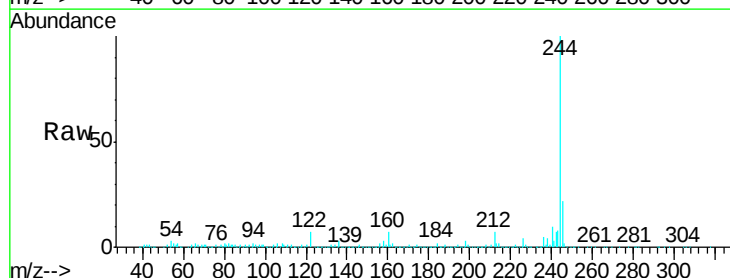
Tgt Ion:184 Resp: 12001

Ion Ratio Lower Upper

184 100

185 20.3 11.0 16.4#

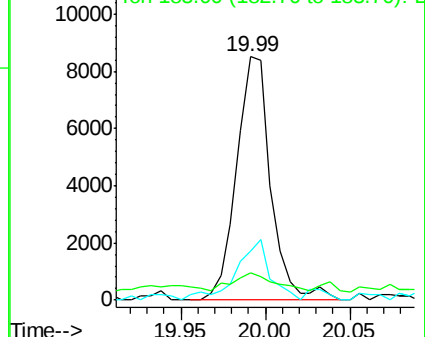
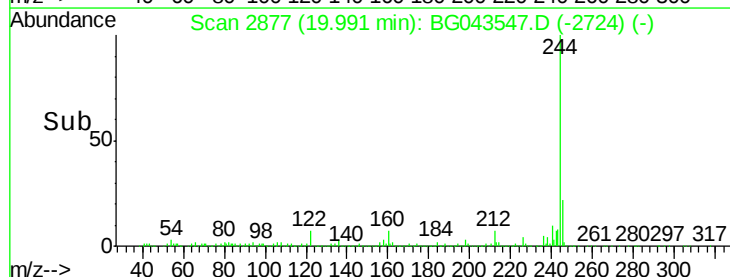
183 11.4 10.0 15.0

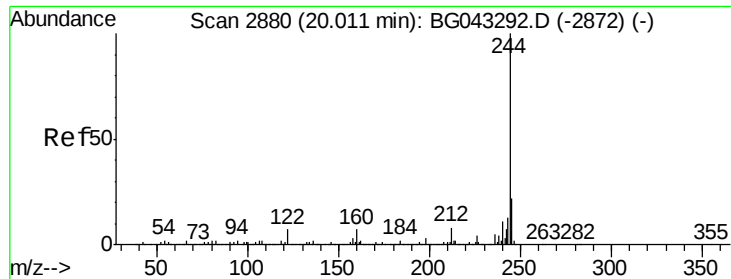


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

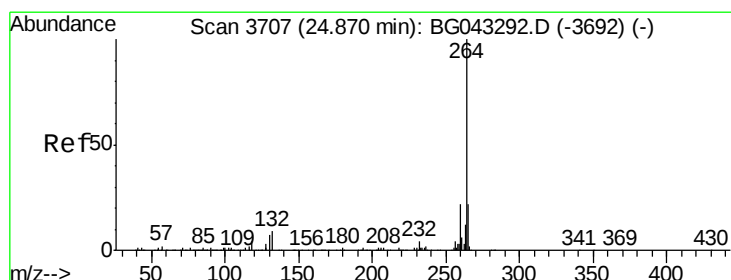
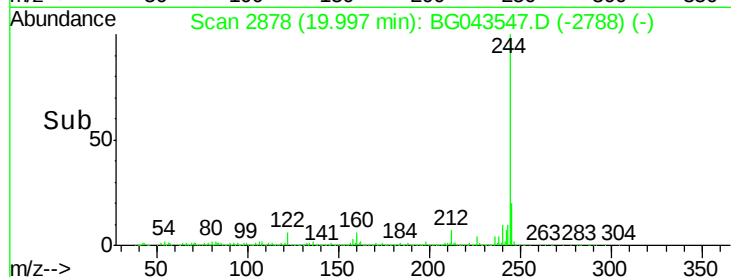
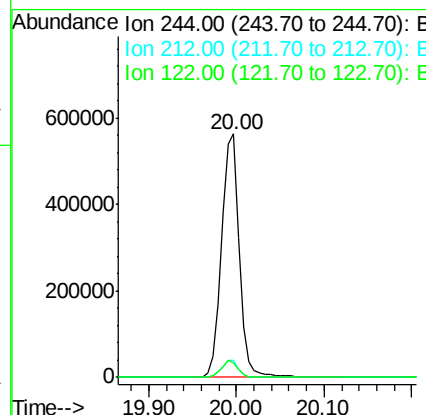
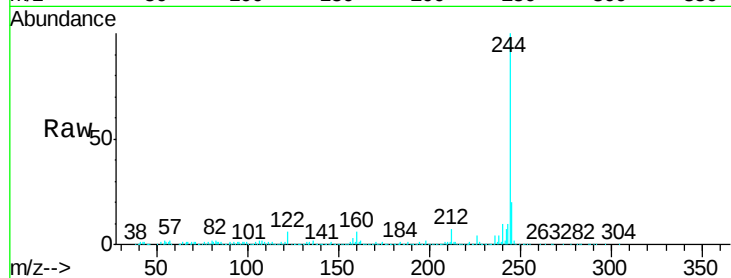




#79
 Terphenyl-d14
 Concen: 71.475 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

Instrument :
 BNA_G
 ClientSampleId :
 9-B

Tgt Ion:244 Resp: 796349
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 6.2 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

Tgt Ion:264 Resp: 251875
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.5 26.3
 265 20.8 17.4 26.0

