

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043546.D
 Acq On : 7 Nov 2019 19:30
 Operator : JU
 Sample : K5723-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-A

Quant Time: Nov 08 04:17:36 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

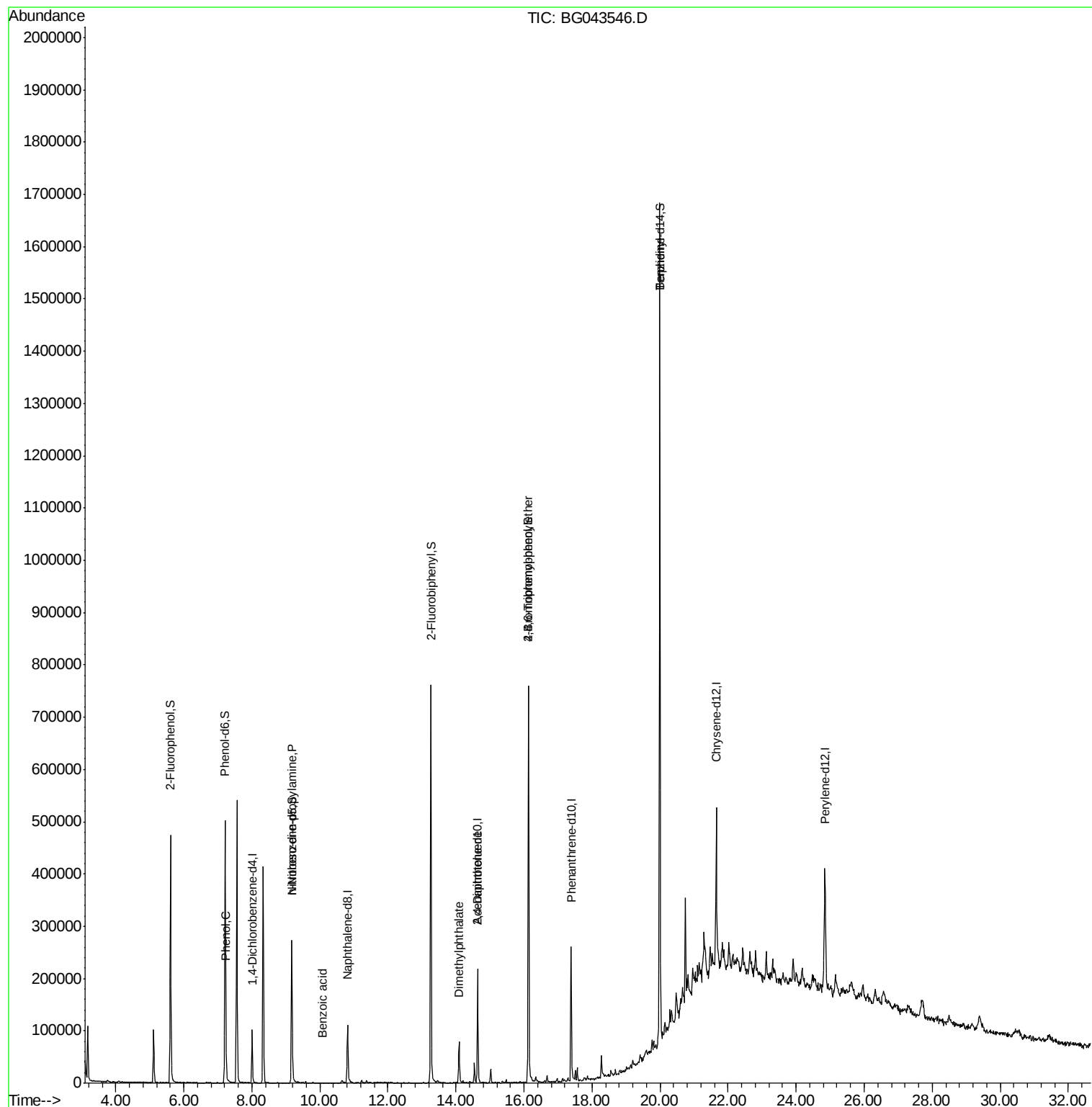
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30996	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	109974	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	81626	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	197983	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	199506	20.00	ng	0.00
87) Perylene-d12	24.85	264	236904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	226827	134.10	ng	0.01
7) Phenol-d6	7.22	99	310255	127.48	ng	0.02
23) Nitrobenzene-d5	9.17	82	193639	90.78	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	186060	119.78	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	466187	78.92	ng	0.00
79) Terphenyl-d14	19.99	244	842320	79.21	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12582	5.658	ng	93
19) n-Nitroso-di-n-propylamine	9.17	70	27138	17.257	ng	# 77
32) Benzoic acid	10.07	122	55	9.090	ng	# 1
50) Dimethylphthalate	14.09	163	64432	10.191	ng	98
57) 2,4-Dinitrotoluene	14.64	165	11098	5.654	ng	# 28
67) 4-Bromophenyl-phenylether	16.13	248	11948	4.484	ng	# 1
77) Benzidine	19.99	184	12300	3.063	ng	# 84

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

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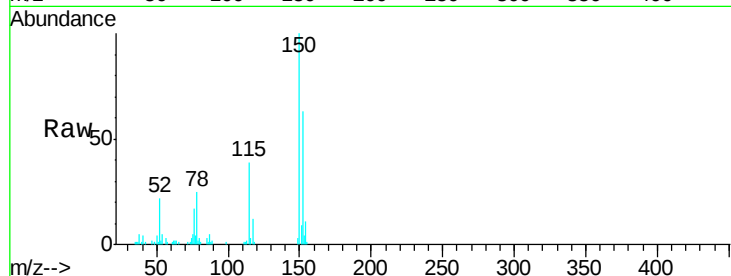


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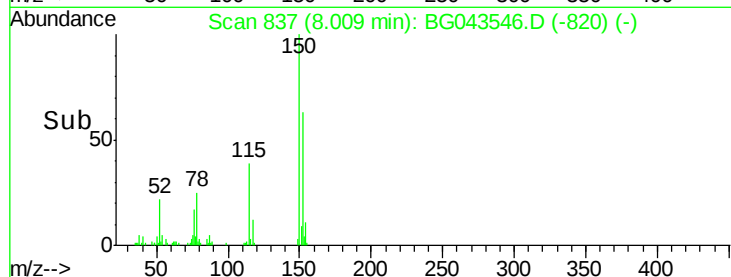
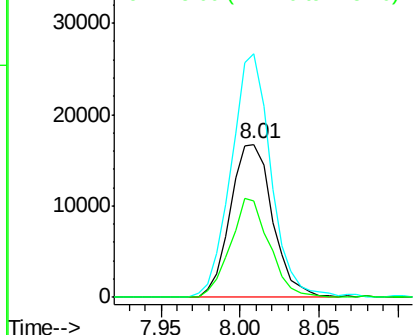
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 30996
Ion Ratio Lower Upper
152 100
150 159.4 129.4 194.0
115 63.0 48.8 73.2



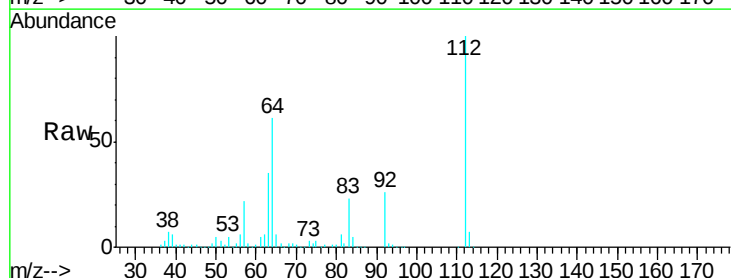
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



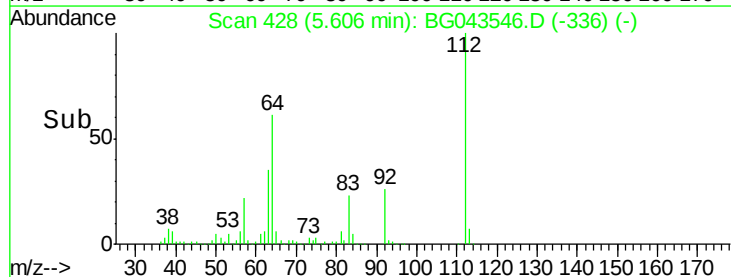
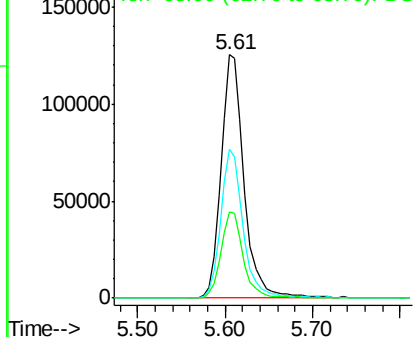
#5

2-Fluorophenol
Concen: 134.097 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Tgt Ion:112 Resp: 226827
Ion Ratio Lower Upper
112 100
64 61.1 50.0 75.0
63 35.4 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: 127.484 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043546.D

Acq: 7 Nov 2019 19:30

Instrument :

BNA_G

ClientSampleId :

9-A

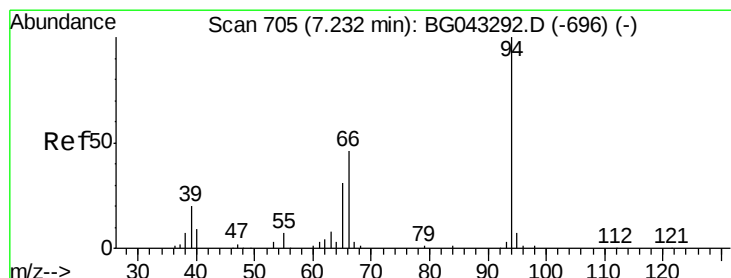
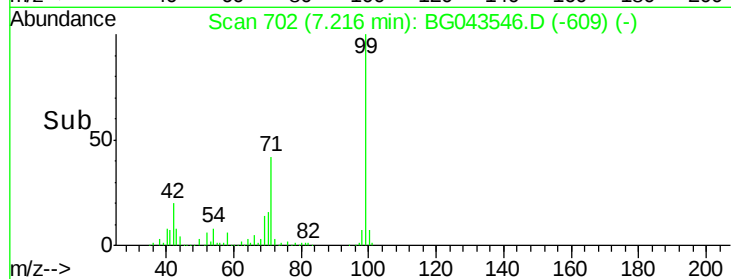
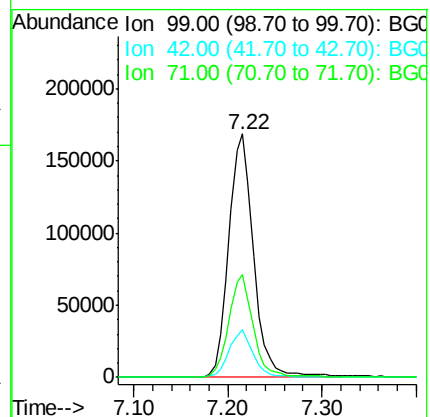
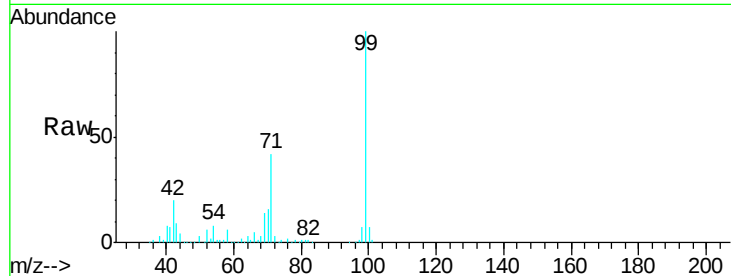
Tgt Ion: 99 Resp: 310255

Ion Ratio Lower Upper

99 100

42 19.6 14.6 21.8

71 42.4 32.5 48.7



#10

Phenol

Concen: 5.658 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043546.D

Acq: 7 Nov 2019 19:30

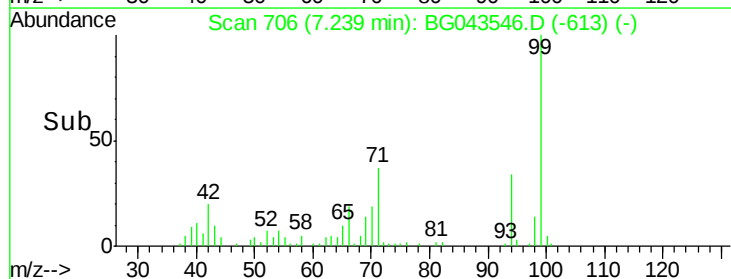
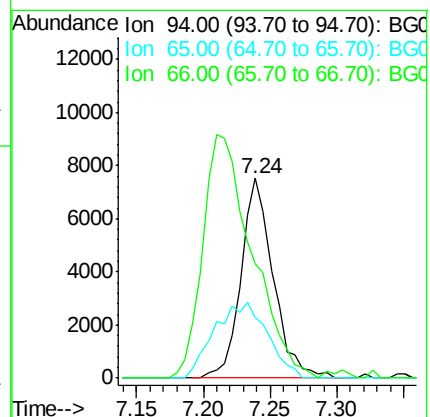
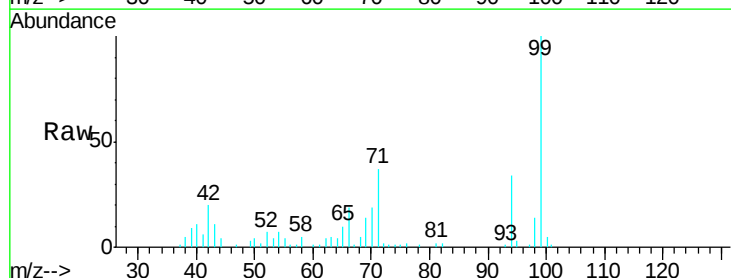
Tgt Ion: 94 Resp: 12582

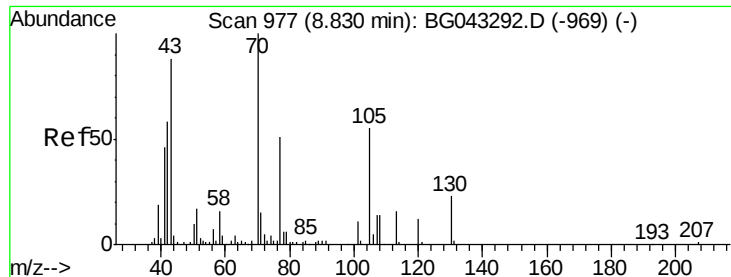
Ion Ratio Lower Upper

94 100

65 30.4 12.6 52.6

66 57.3 30.7 70.7

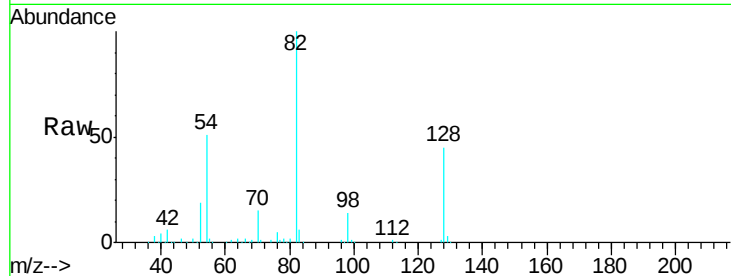




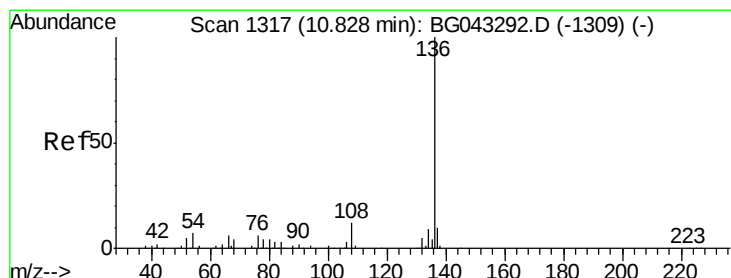
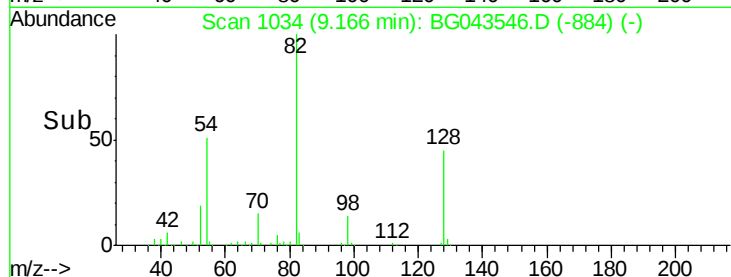
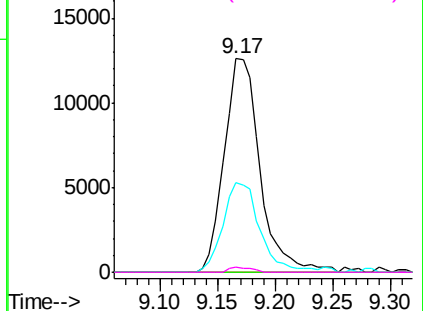
#19
n-Nitroso-di-n-propylamine
Concen: 17.257 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 70 Resp: 27138
Ion Ratio Lower Upper
70 100
42 42.1 41.4 62.2
101 0.0 7.9 11.9#
130 2.7 19.0 28.4#

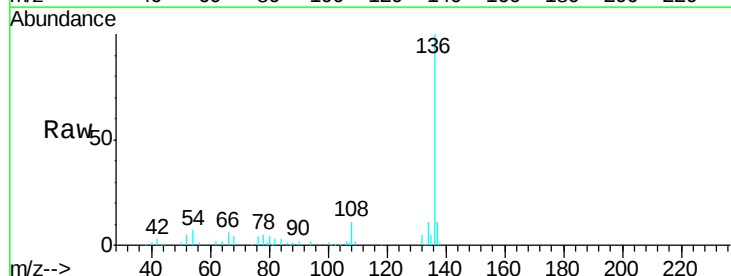


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

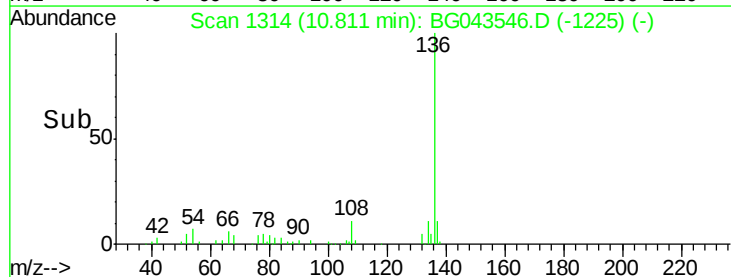
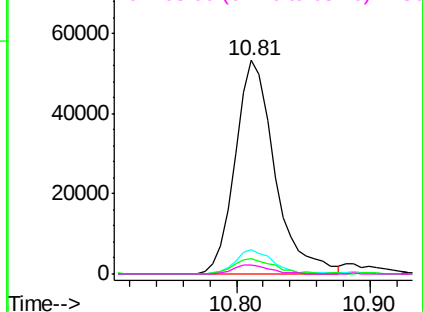


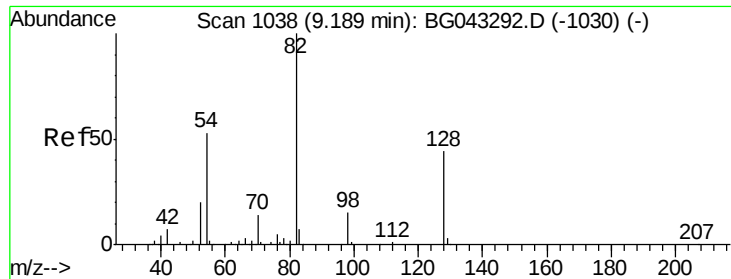
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Tgt Ion: 136 Resp: 109974
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.3 5.4 8.2
68 4.3 3.0 4.4



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

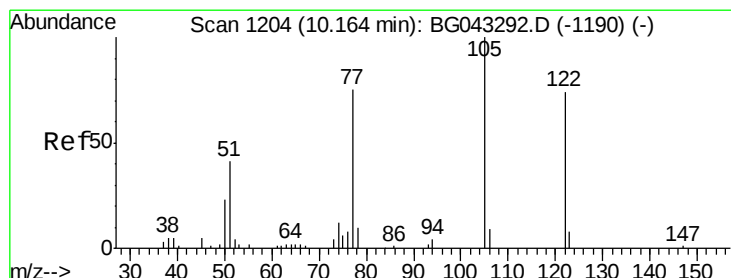
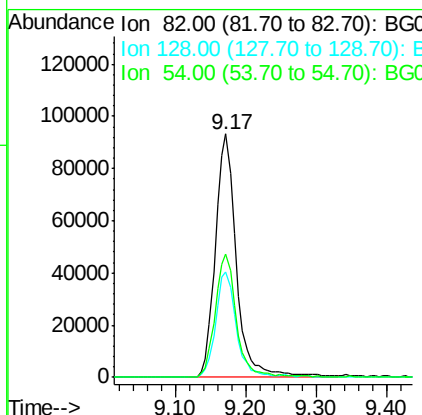
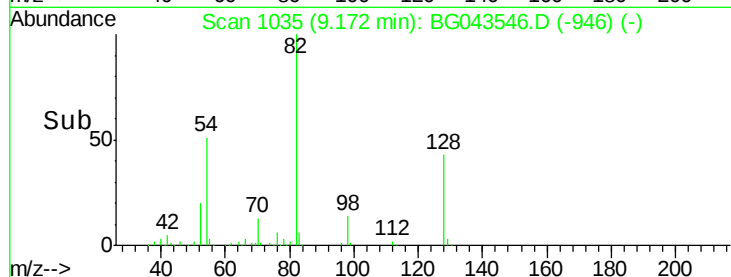
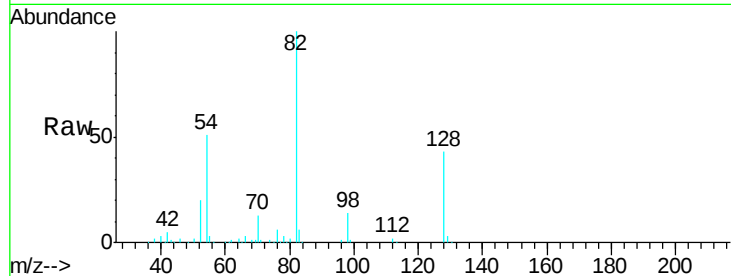




#23
 Nitrobenzene-d5
 Concen: 90.776 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

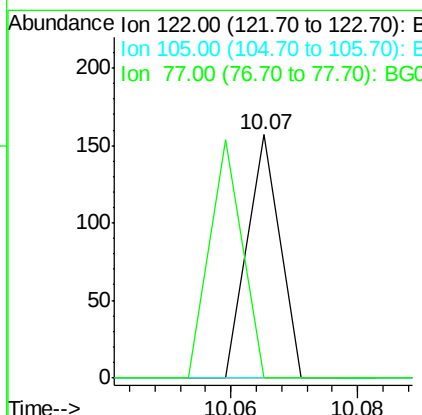
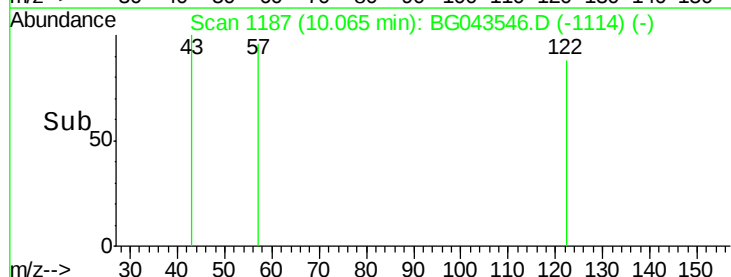
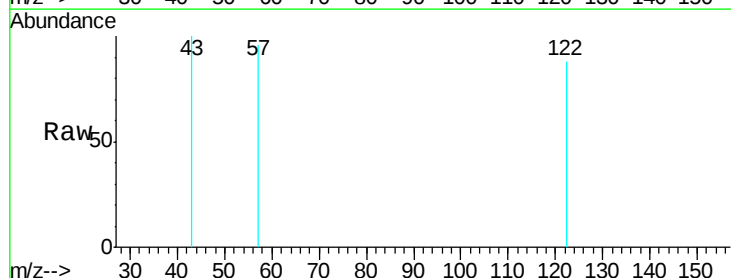
Instrument :
 BNA_G
 ClientSampleId :
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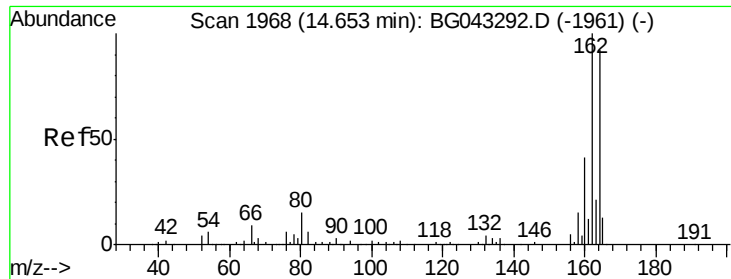
Tgt Ion: 82 Resp: 193639
 Ion Ratio Lower Upper
 82 100
 128 43.2 35.0 52.6
 54 50.6 40.2 60.2



#32
 Benzoic acid
 Concen: 9.090 ng
 RT: 10.07 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

Tgt Ion: 122 Resp: 55
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.3 143.3#
 77 0.0 84.9 124.9#

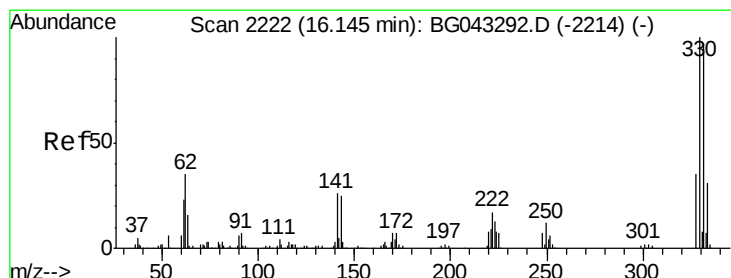
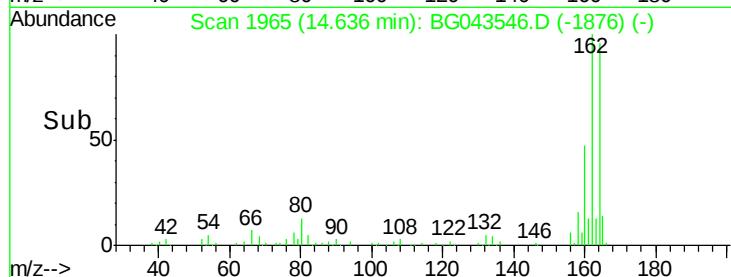
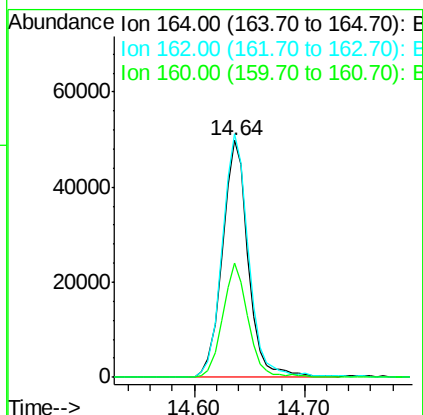
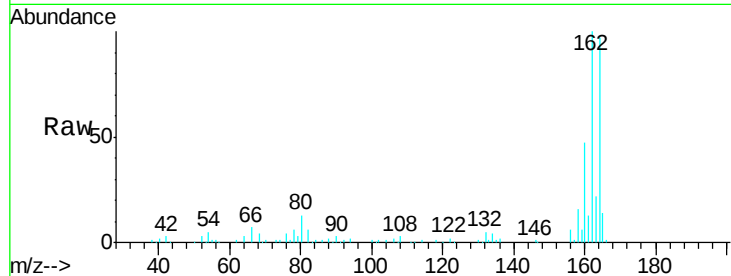




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

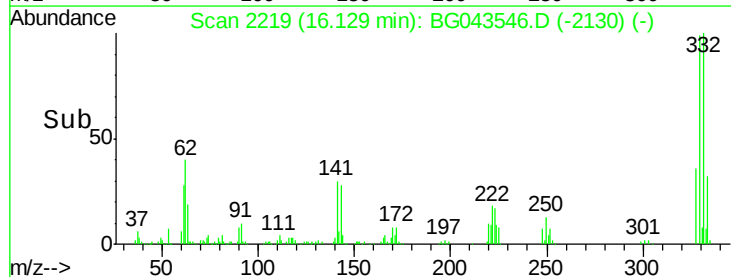
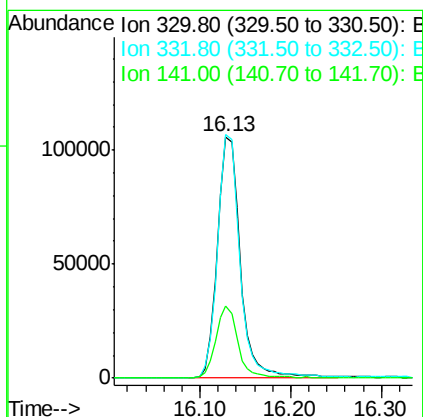
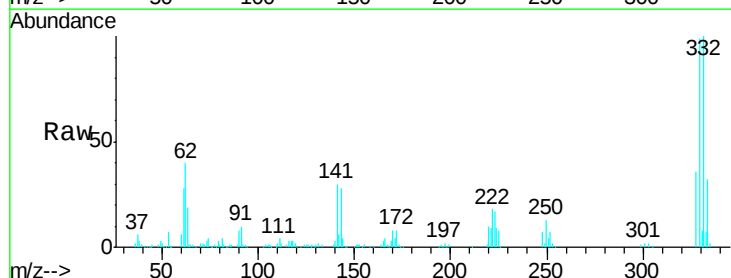
Instrument :
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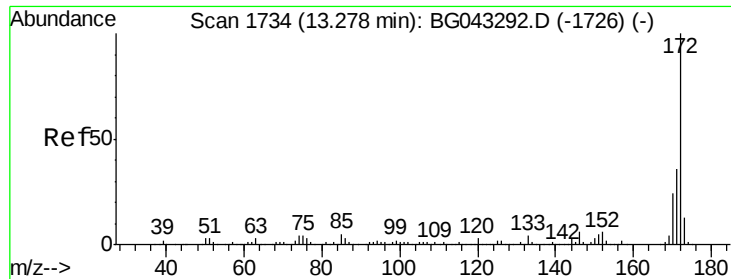
Tgt Ion:164 Resp: 81626
Ion Ratio Lower Upper
164 100
162 102.9 83.5 125.3
160 48.2 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 119.780 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Tgt Ion:330 Resp: 186060
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.0
141 28.7 22.8 34.2

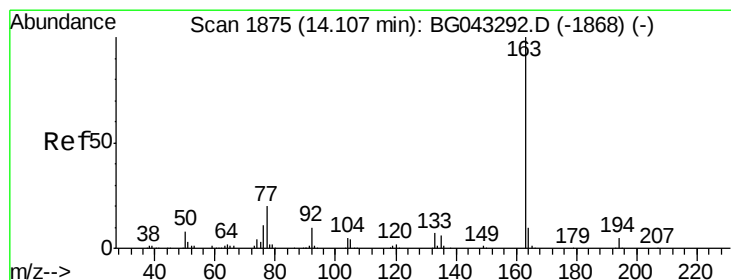
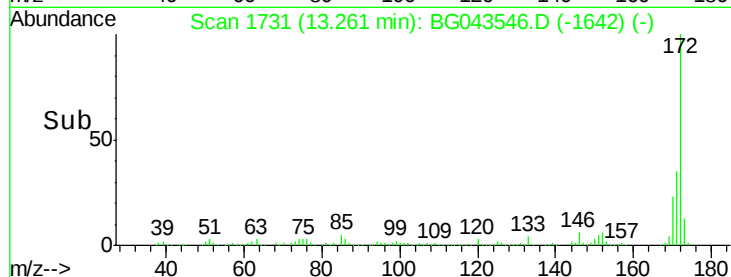
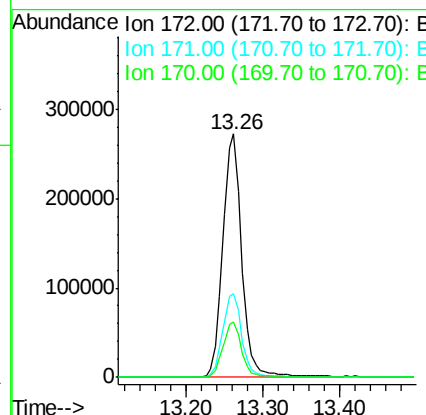
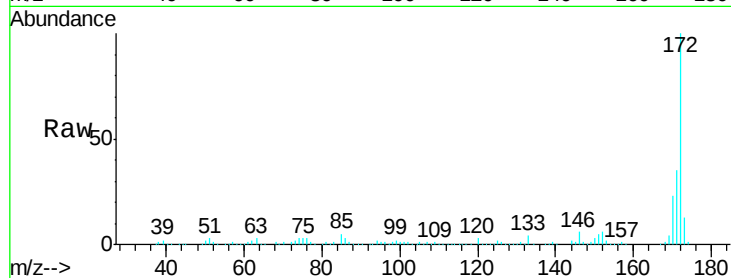




#45
2-Fluorobiphenyl
Concen: 78.918 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

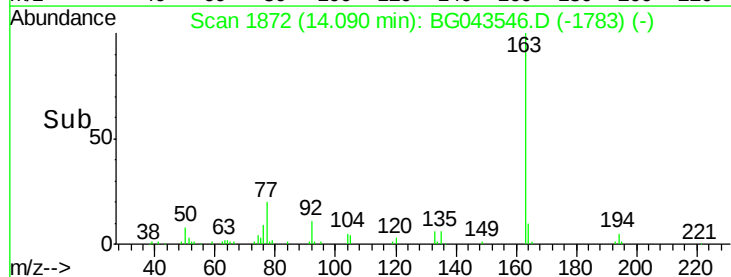
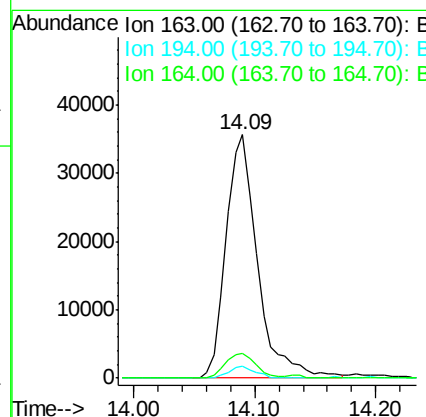
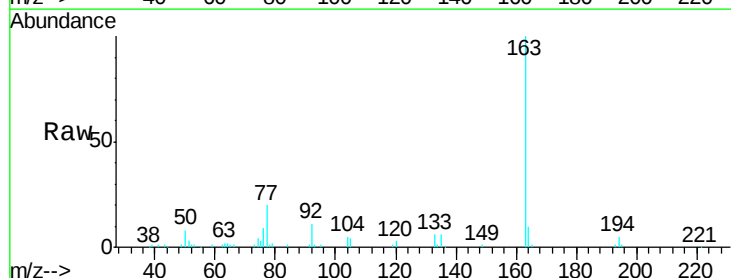
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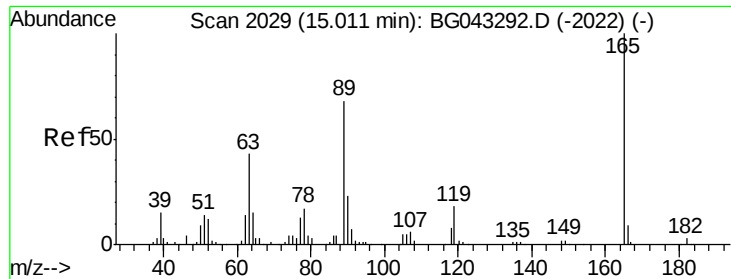
Tgt Ion:172 Resp: 466187
Ion Ratio Lower Upper
172 100
171 34.5 28.9 43.3
170 22.7 18.5 27.7



#50
Dimethylphthalate
Concen: 10.191 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Tgt Ion:163 Resp: 64432
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 10.3 8.9 13.3

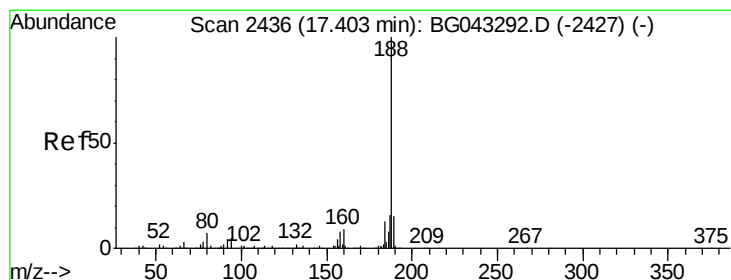
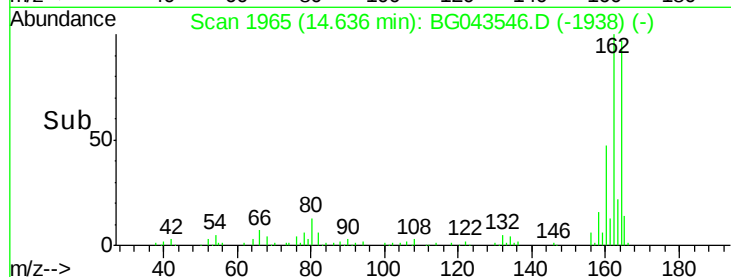
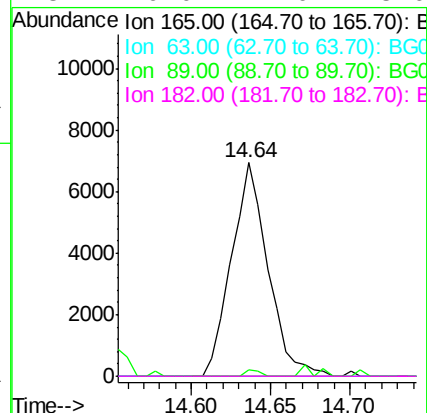
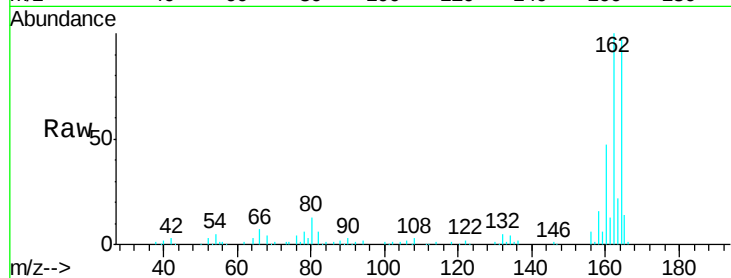




#57
 2,4-Dinitrotoluene
 Concen: 5.654 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

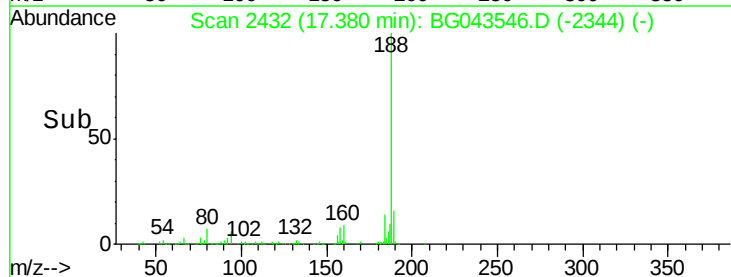
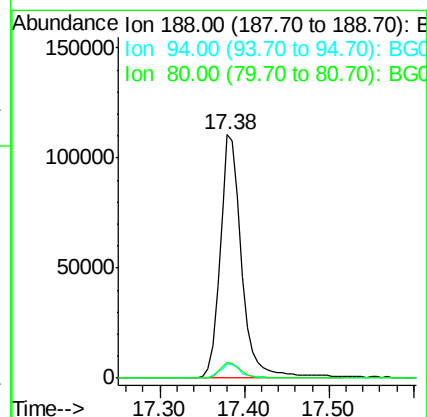
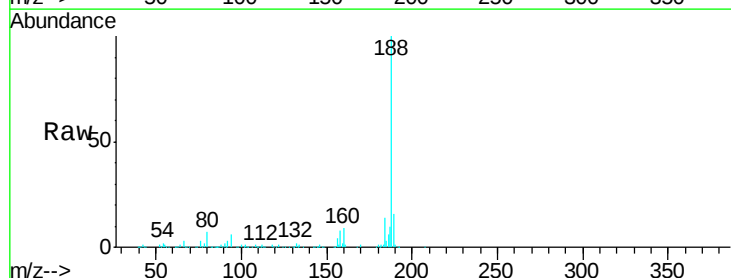
Instrument :
 BNA_G
 ClientSampled :
 9-A

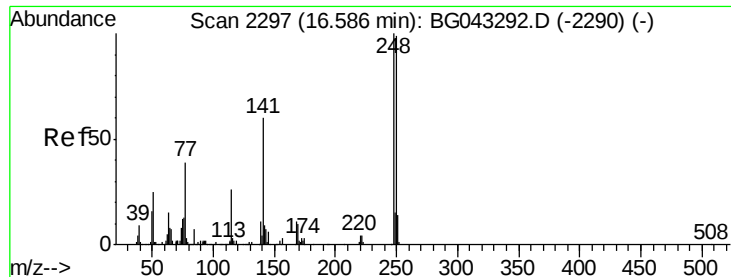
Tgt Ion:	165	Resp:	11098
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	2.8	52.2	78.4#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

Tgt Ion:	188	Resp:	197983
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.6	4.5	6.7

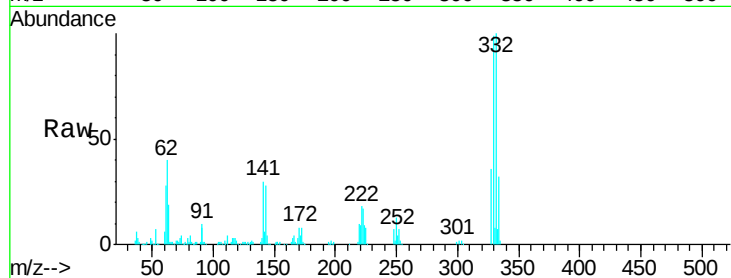




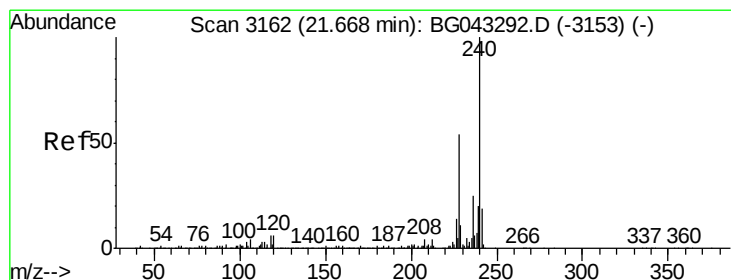
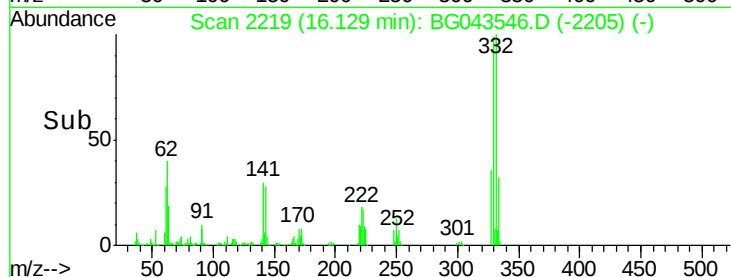
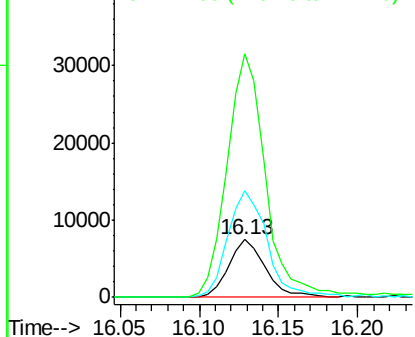
#67
 4-Bromophenyl-phenylether
 Concen: 4.484 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.45 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:248 Resp: 11948
 Ion Ratio Lower Upper
 248 100
 250 183.8 77.0 115.4#
 141 420.0 47.5 71.3#

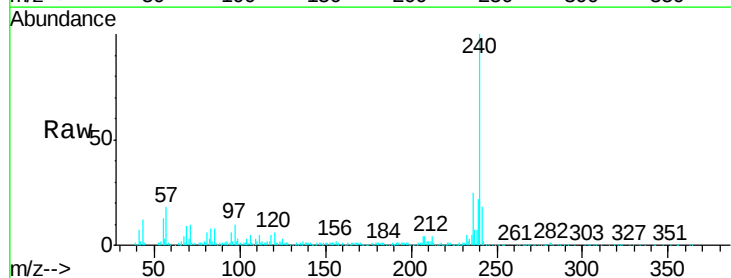


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

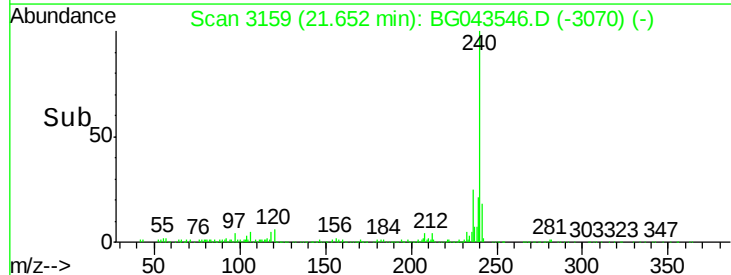
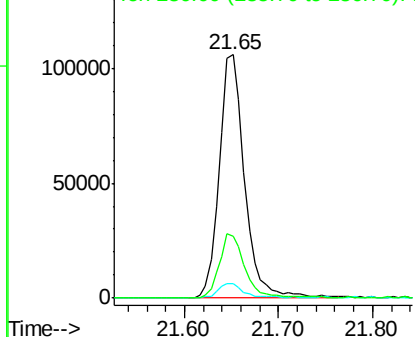


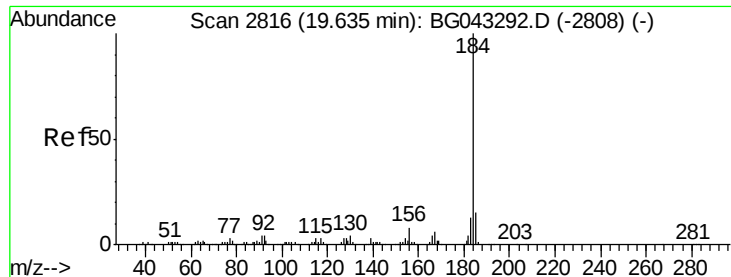
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

Tgt Ion:240 Resp: 199506
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.6 6.8
 236 25.4 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: 3.063 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.37 min

Lab File: BG043546.D

Acq: 7 Nov 2019 19:30

Instrument :

BNA_G

ClientSampleId :

9-A

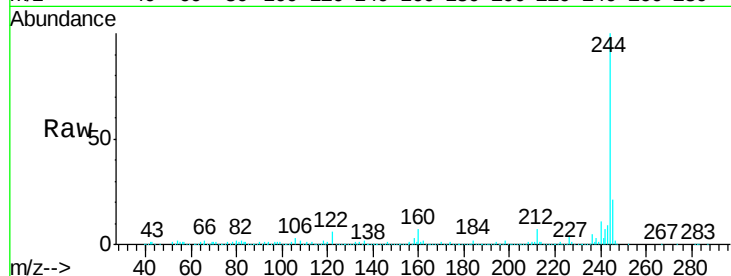
Tgt Ion:184 Resp: 12300

Ion Ratio Lower Upper

184 100

185 20.7 11.0 16.4#

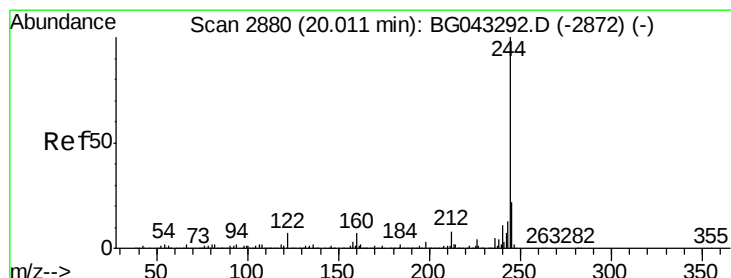
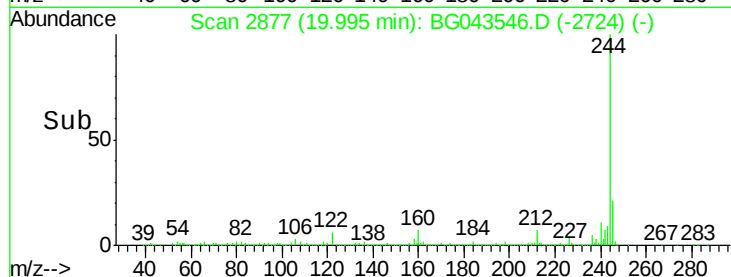
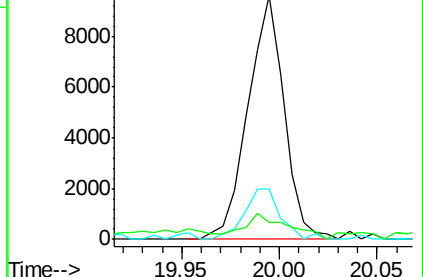
183 7.0 10.0 15.0#



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: 79.208 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG043546.D

Acq: 7 Nov 2019 19:30

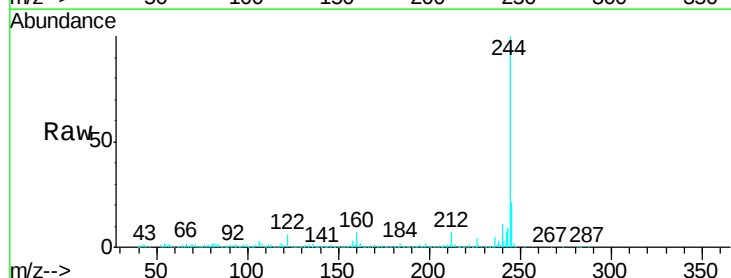
Tgt Ion:244 Resp: 842320

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

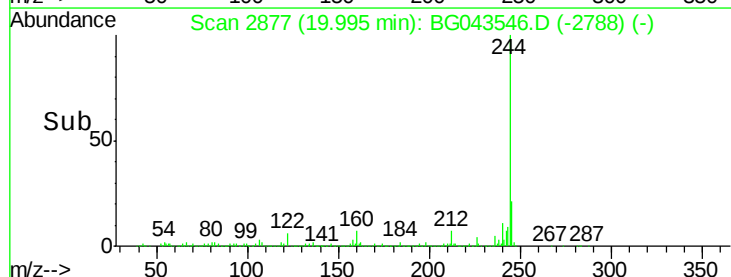
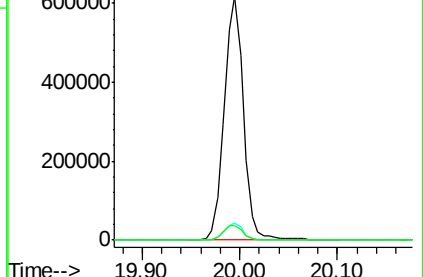
122 6.2 5.4 8.2

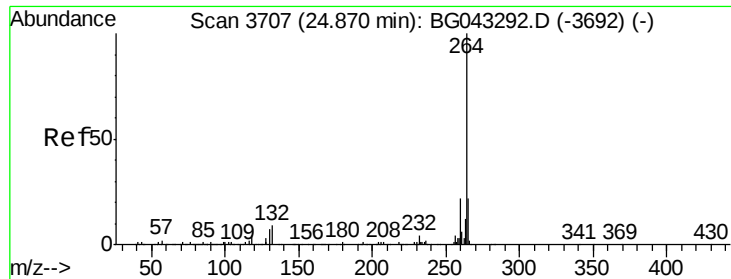


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

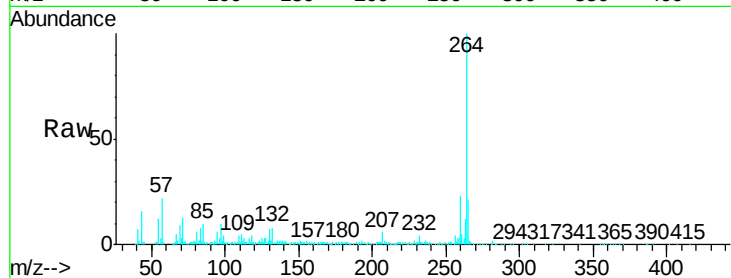




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3703
 Delta R.T. -0.00 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :
 9-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.5	26.3
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

