

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
 Data File : BG043314.D
 Acq On : 23 Oct 2019 18:41
 Operator : JU
 Sample : K5489-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MAIN-STOCKPILE-SLP

Quant Time: Oct 24 06:51:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

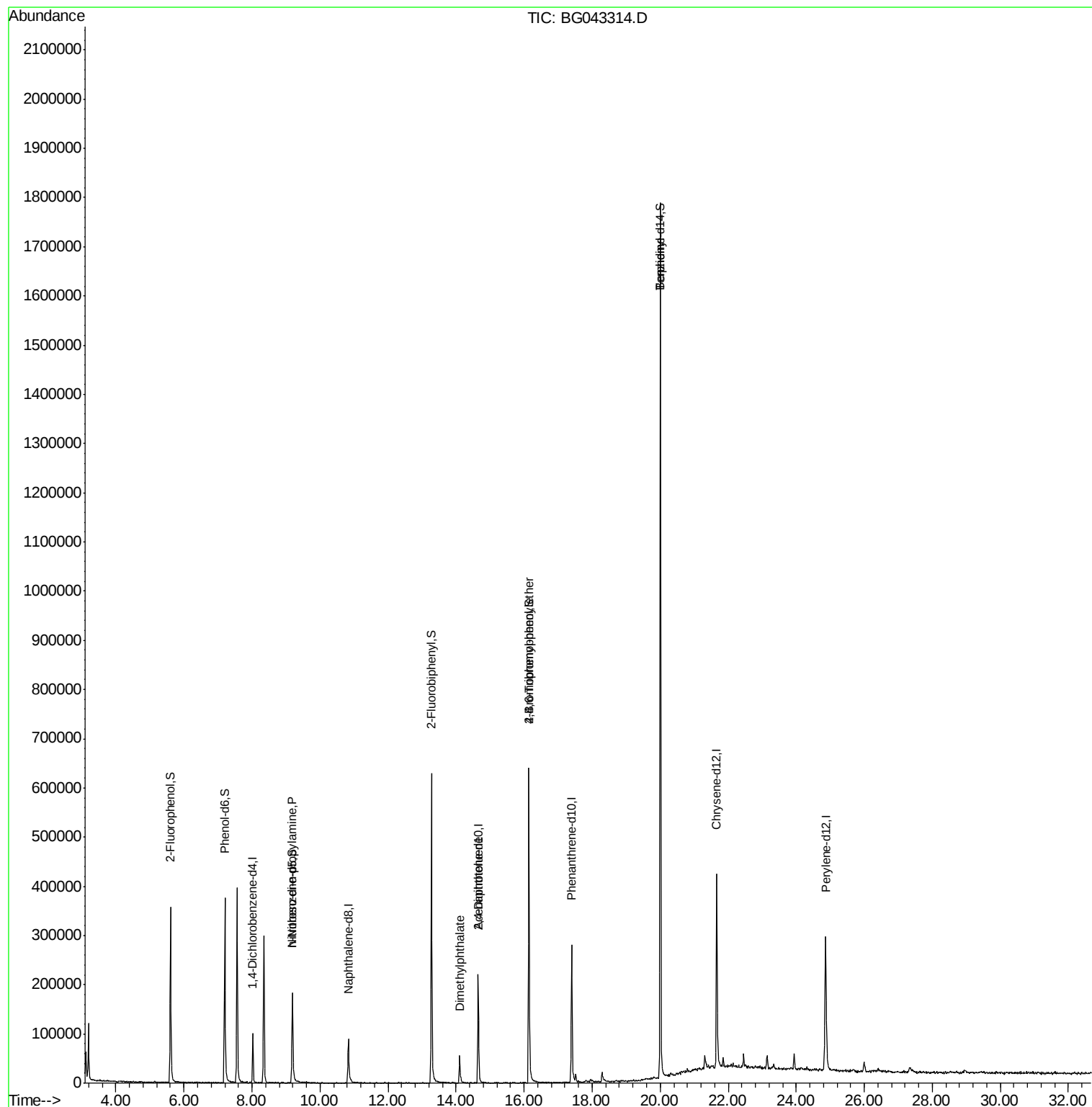
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30948	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	112070	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	89018	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	229939	20.00	ng	0.00
76) Chrysene-d12	21.66	240	280925	20.00	ng	0.00
87) Perylene-d12	24.86	264	327467	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	174597	103.38	ng	0.00
7) Phenol-d6	7.20	99	251101	103.34	ng	0.00
23) Nitrobenzene-d5	9.19	82	145727	67.04	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	169059	99.80	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	404164	62.74	ng	0.00
79) Terphenyl-d14	20.00	244	997848	66.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	18909	12.043	ng	Qvalue
50) Dimethylphthalate	14.10	163	55664	8.073	ng	# 75
57) 2,4-Dinitrotoluene	14.65	165	11851	5.536	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	10144	3.278	ng	# 1
77) Benzidine	20.00	184	14682	2.597	ng	# 93

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

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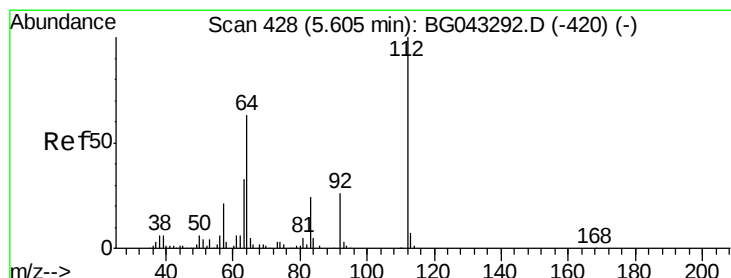
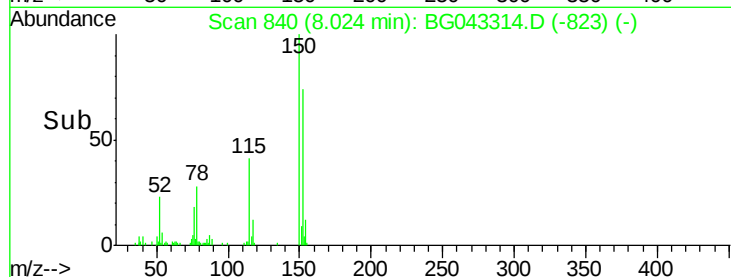
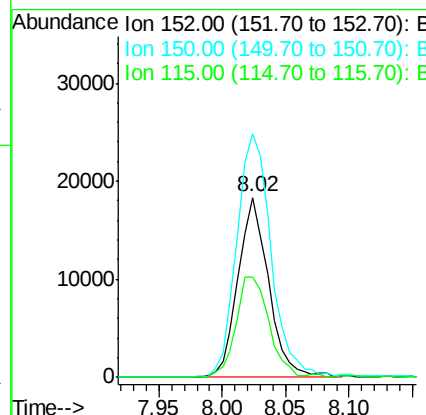
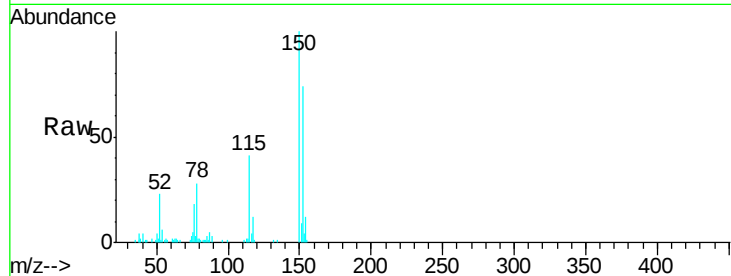


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043314.D
Acq: 23 Oct 2019 18:41

Instrument :
BNA_G
ClientSampleId :
MAIN-STOCKPILE-SLP

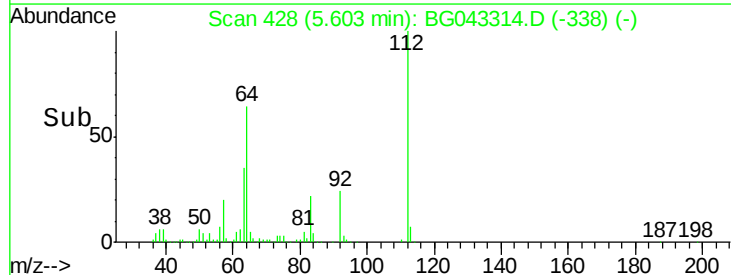
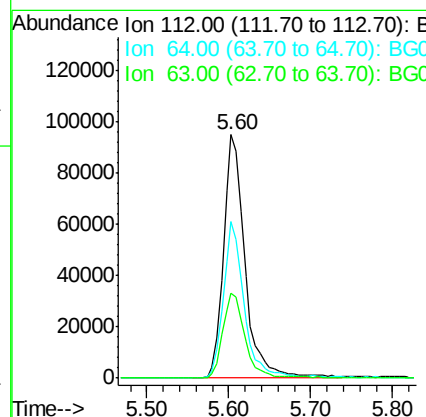
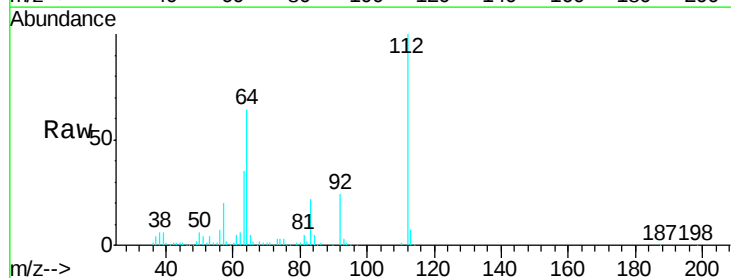
Tgt Ion:152 Resp: 30948
Ion Ratio Lower Upper
152 100
150 135.5 113.6 170.4
115 55.7 45.9 68.9

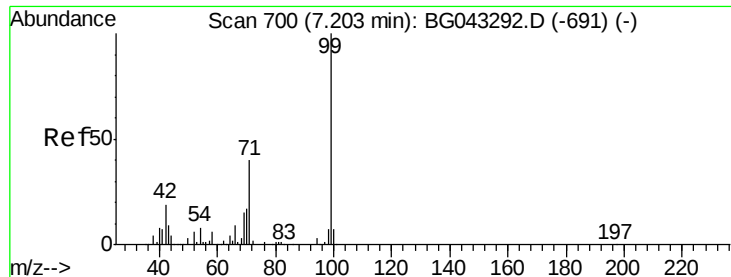


#5

2-Fluorophenol
Concen: 103.380 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043314.D
Acq: 23 Oct 2019 18:41

Tgt Ion:112 Resp: 174597
Ion Ratio Lower Upper
112 100
64 64.2 50.2 75.2
63 34.8 26.7 40.1





#7

Phenol-d6

Concen: 103.337 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

Instrument :

BNA_G

ClientSampleId :

MAIN-STOCKPILE-SLP

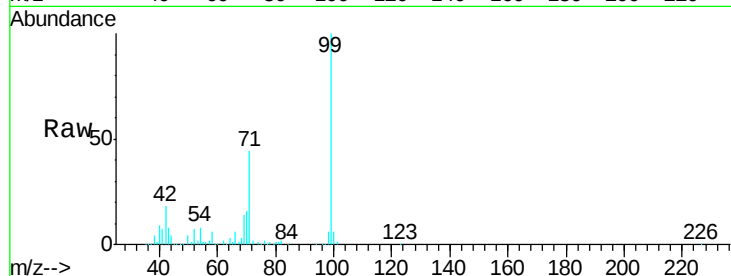
Tgt Ion: 99 Resp: 251101

Ion Ratio Lower Upper

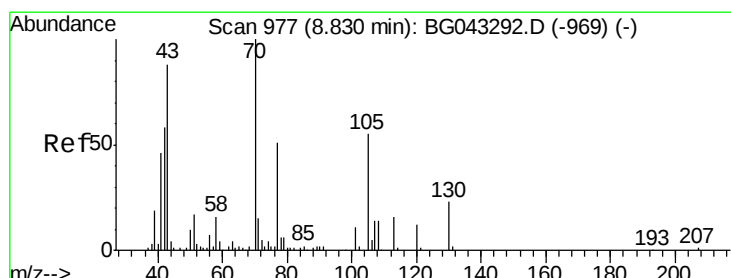
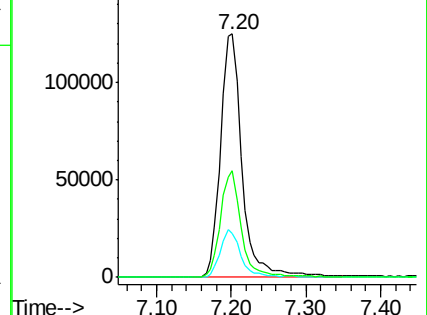
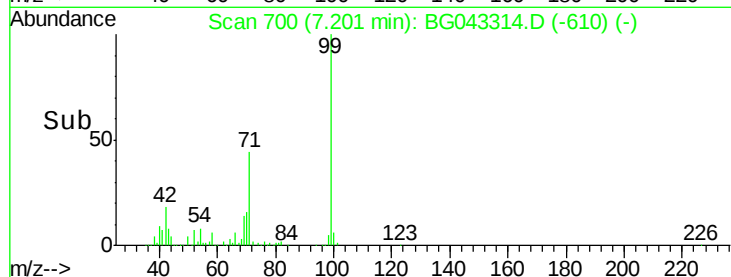
99 100

42 18.2 14.9 22.3

71 43.8 32.2 48.2



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: 12.043 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

Tgt Ion: 70 Resp: 18909

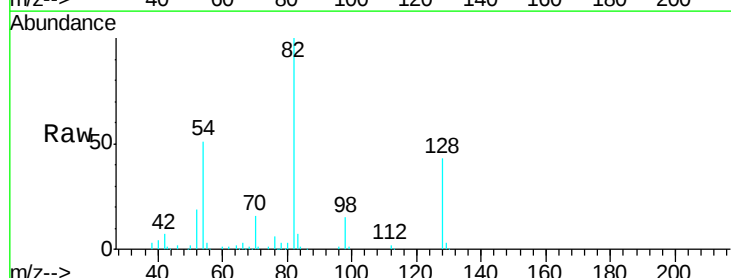
Ion Ratio Lower Upper

70 100

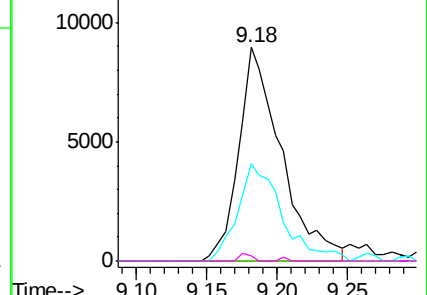
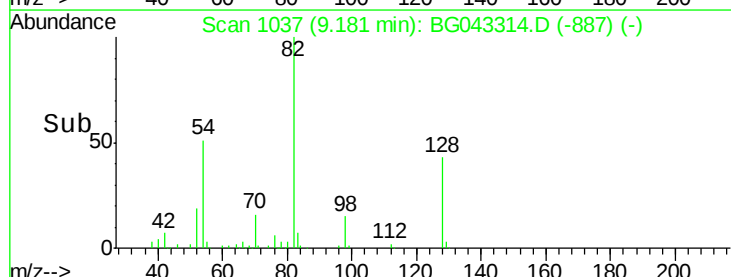
42 45.5 46.2 69.2#

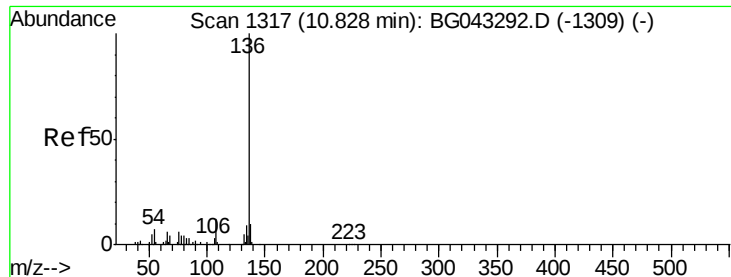
101 0.0 8.6 13.0#

130 2.2 18.6 27.8#



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

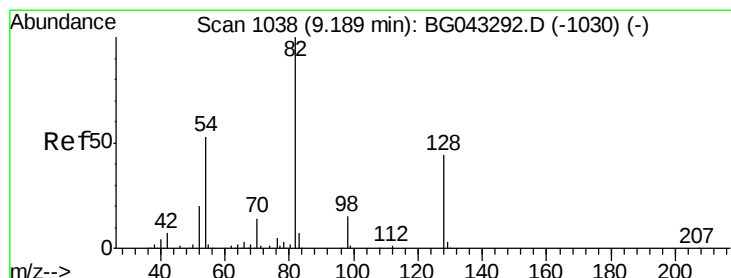
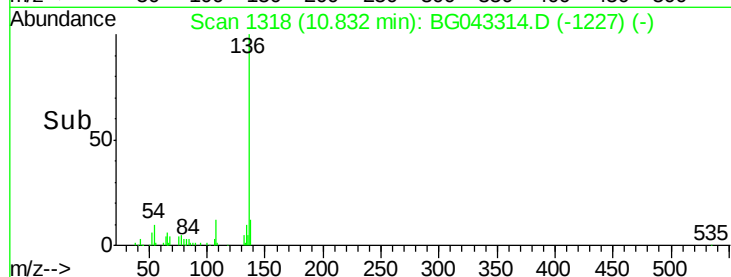
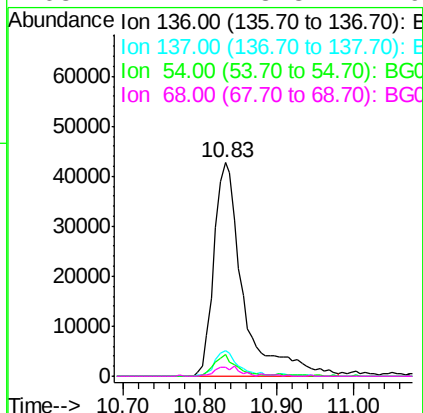
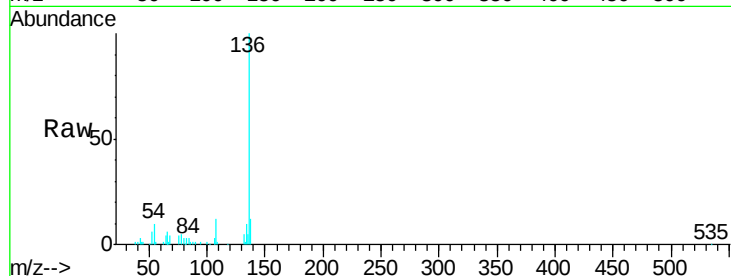




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043314.D
Acq: 23 Oct 2019 18:41

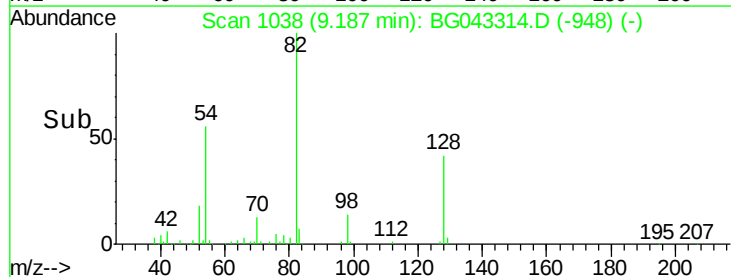
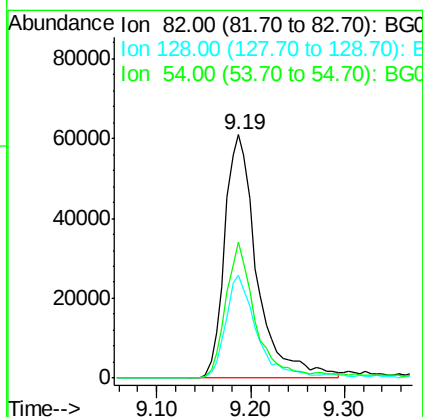
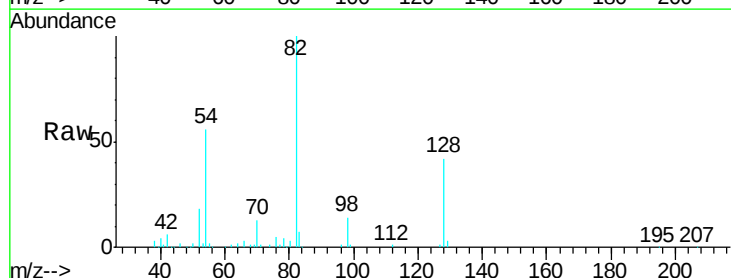
Instrument :
BNA_G
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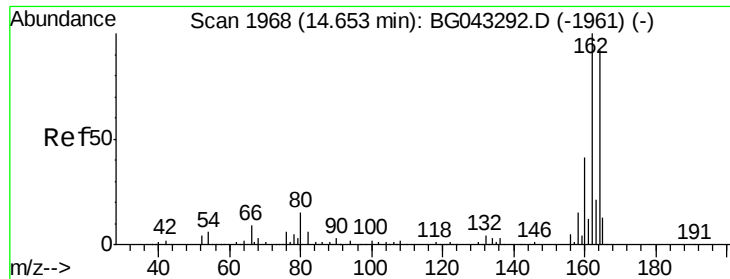
Tgt Ion:	136	Resp:	112070
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.2
54	10.0	5.4	8.2#
68	4.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 67.037 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043314.D
Acq: 23 Oct 2019 18:41

Tgt Ion:	82	Resp:	145727
Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.3	52.9
54	56.1	42.3	63.5

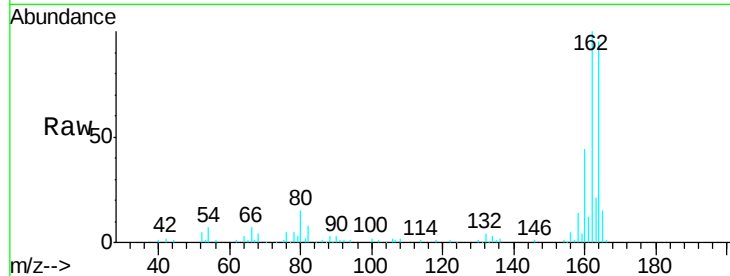




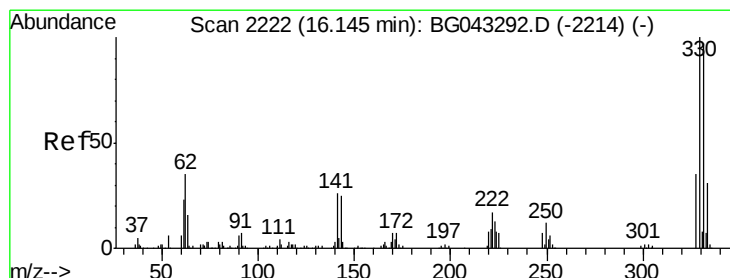
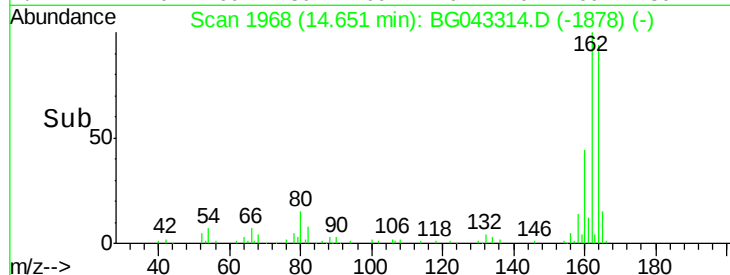
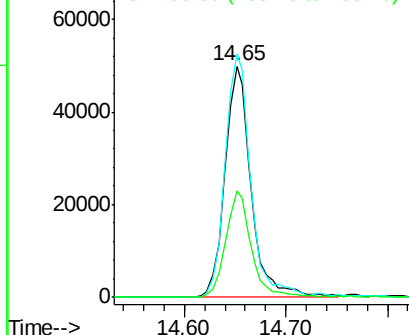
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043314.D
Acq: 23 Oct 2019 18:41

Instrument :
BNA_G
ClientSampleId :
MAIN-STOCKPILE-SLP

Tgt Ion:164 Resp: 89018
Ion Ratio Lower Upper
164 100
162 105.4 87.0 130.4
160 46.2 35.5 53.3

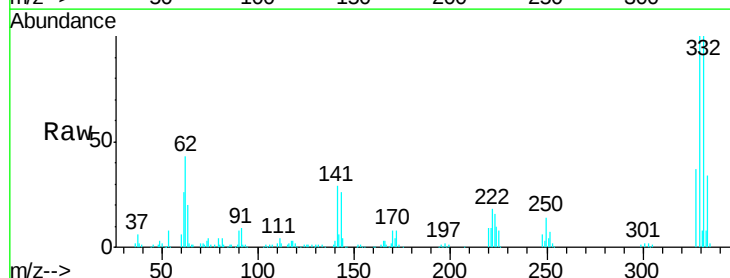


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

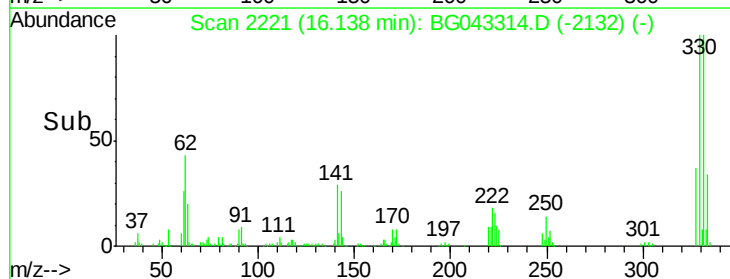
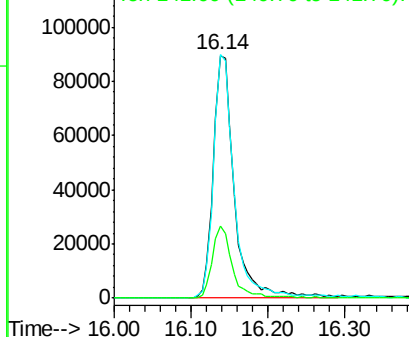


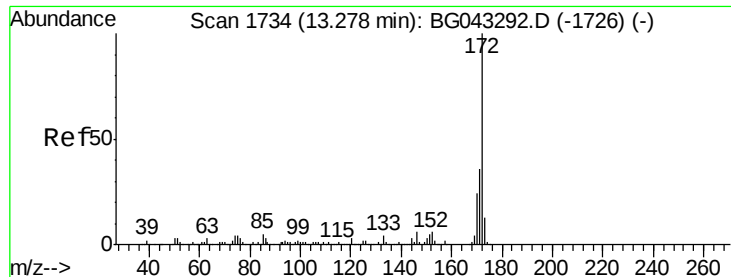
#42
2,4,6-Tribromophenol
Concen: 99.798 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043314.D
Acq: 23 Oct 2019 18:41

Tgt Ion:330 Resp: 169059
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 28.2 21.4 32.0



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

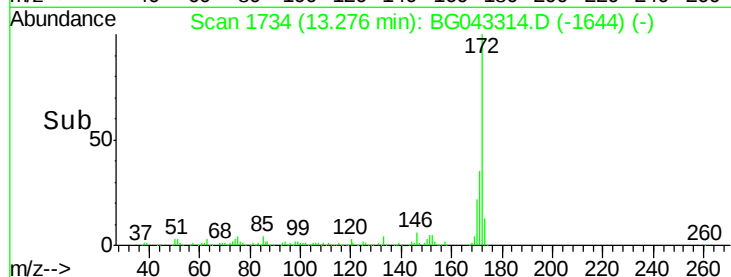
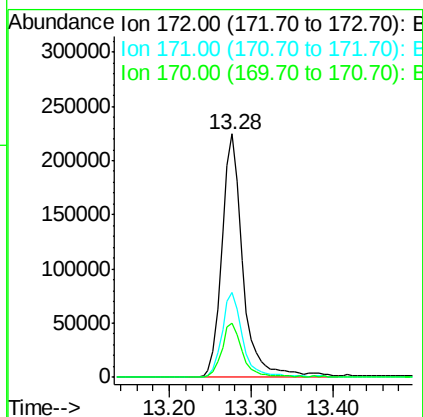
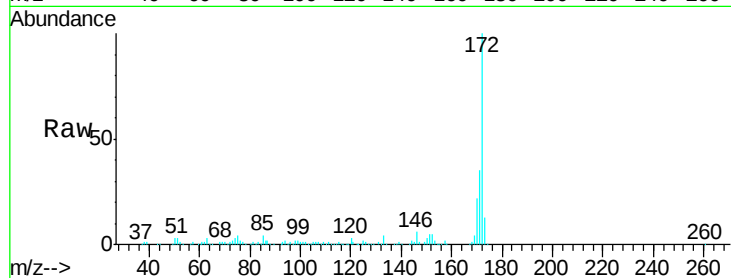




#45
 2-Fluorobiphenyl
 Concen: 62.737 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043314.D
 Acq: 23 Oct 2019 18:41

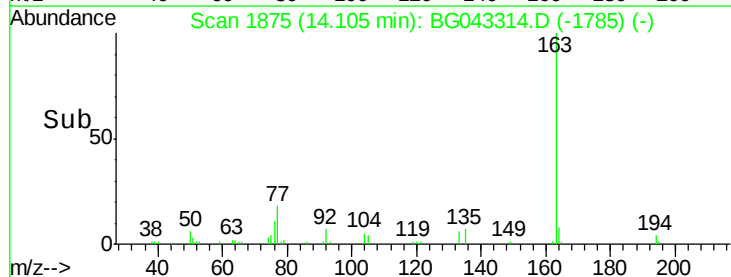
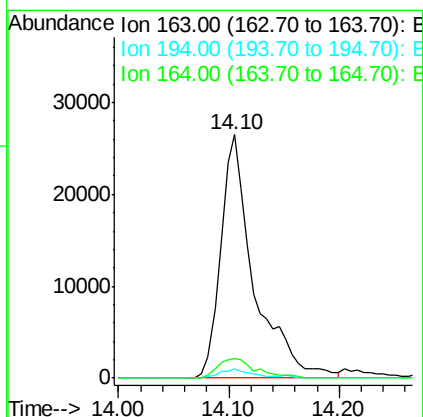
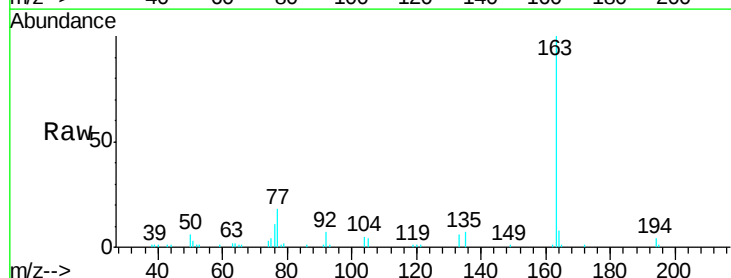
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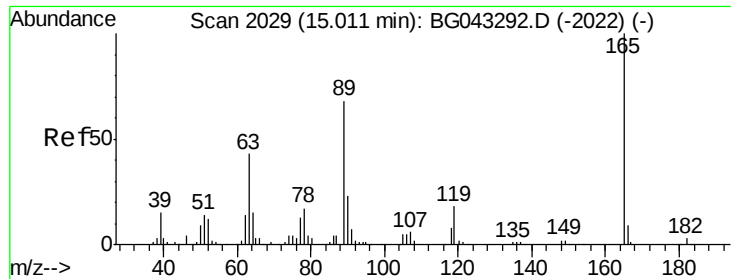
Tgt Ion:172 Resp: 404164
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 22.4 18.8 28.2



#50
 Dimethylphthalate
 Concen: 8.073 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG043314.D
 Acq: 23 Oct 2019 18:41

Tgt Ion:163 Resp: 55664
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.7 5.5
 164 8.3 8.1 12.1

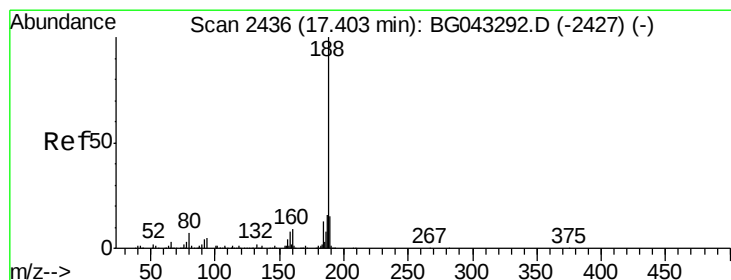
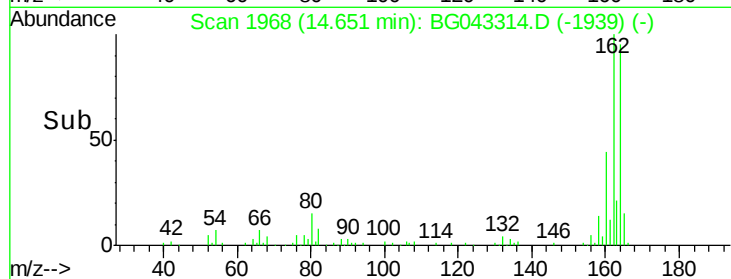
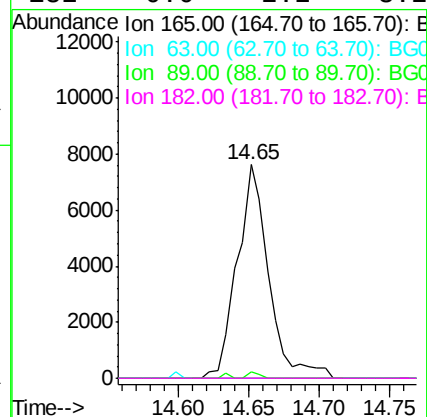
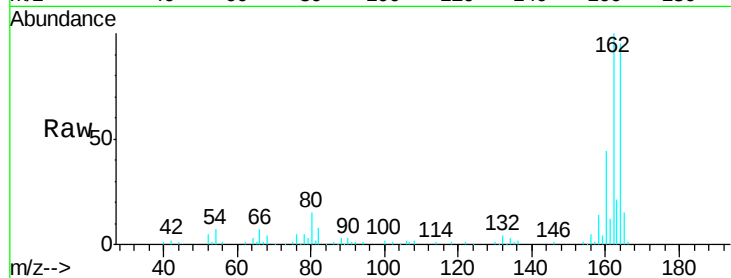




#57
2,4-Dinitrotoluene
Concen: 5.536 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043314.D
Acq: 23 Oct 2019 18:41

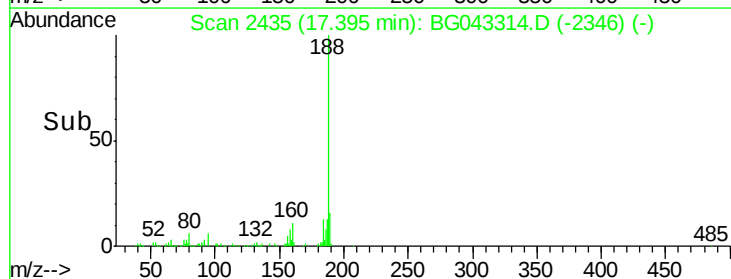
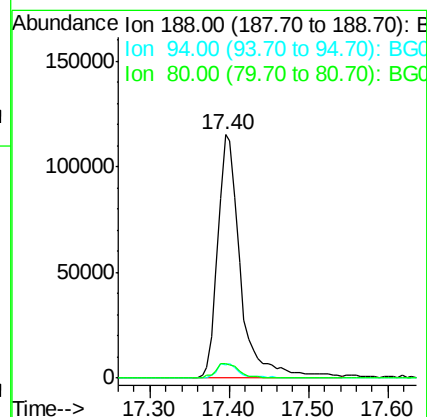
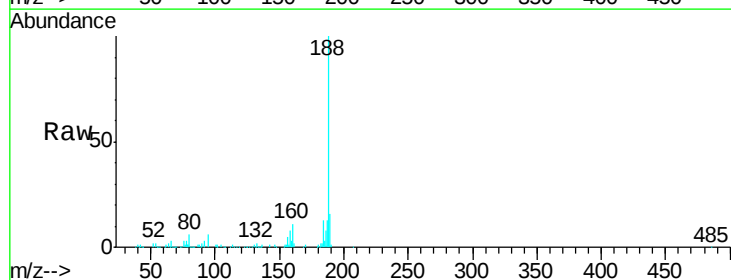
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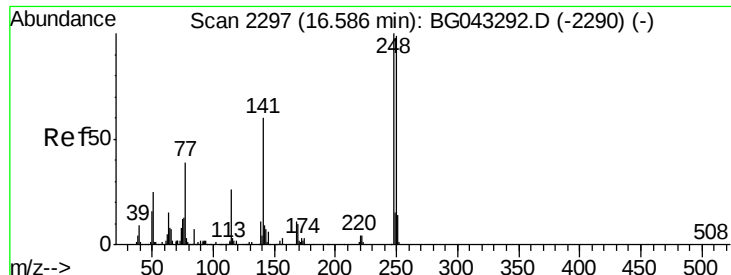
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	3.3	54.1	81.1#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043314.D
Acq: 23 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	5.9	5.2	7.8

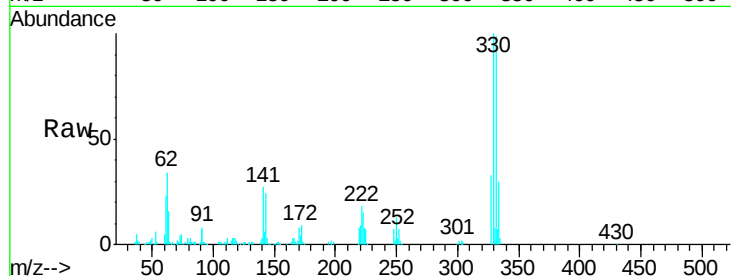




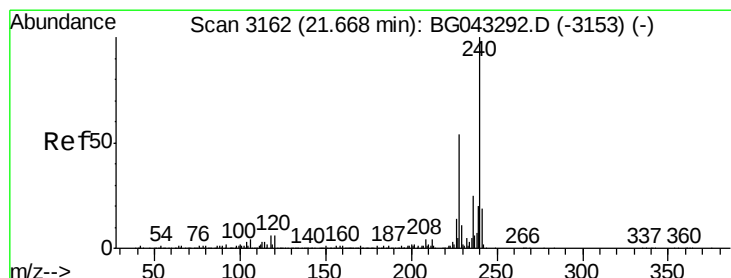
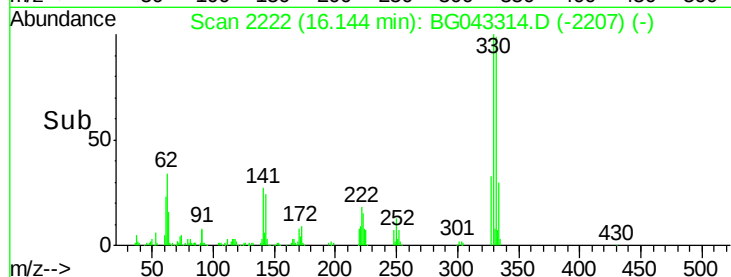
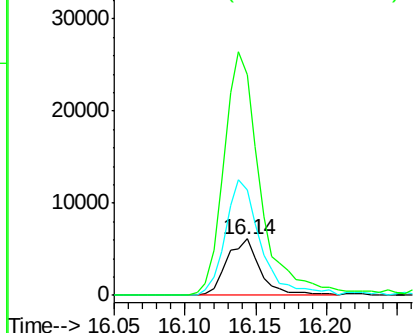
#67
 4-Bromophenyl-phenylether
 Concen: 3.278 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.44 min
 Lab File: BG043314.D
 Acq: 23 Oct 2019 18:41

Instrument :
 BNA_G
 ClientSampleId :
 MAIN-STOCKPILE-SLP

Tgt Ion:248 Resp: 10144
 Ion Ratio Lower Upper
 248 100
 250 186.6 79.3 118.9#
 141 390.6 47.9 71.9#

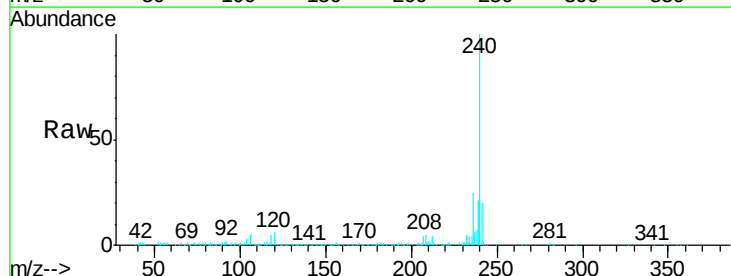


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

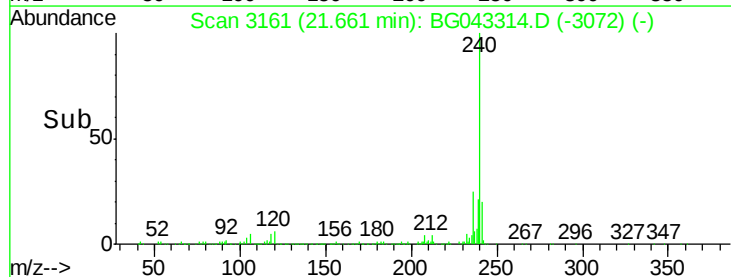
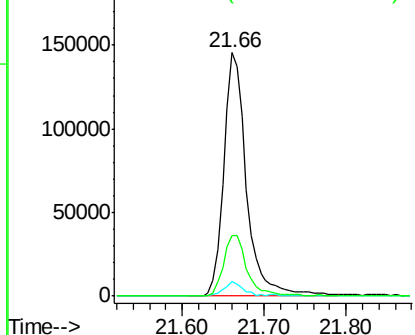


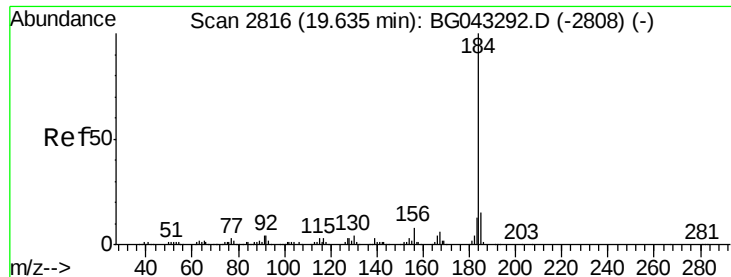
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG043314.D
 Acq: 23 Oct 2019 18:41

Tgt Ion:240 Resp: 280925
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.6 7.0
 236 24.7 20.2 30.4



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: 2.597 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.37 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

Instrument :

BNA_G

ClientSampleId :

MAIN-STOCKPILE-SLP

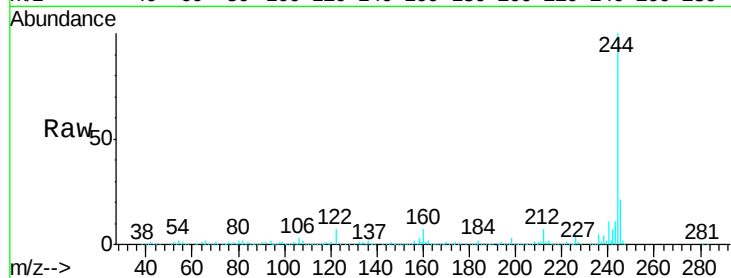
Tgt Ion:184 Resp: 14682

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.6

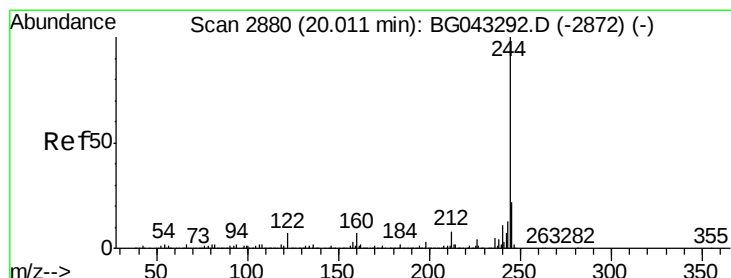
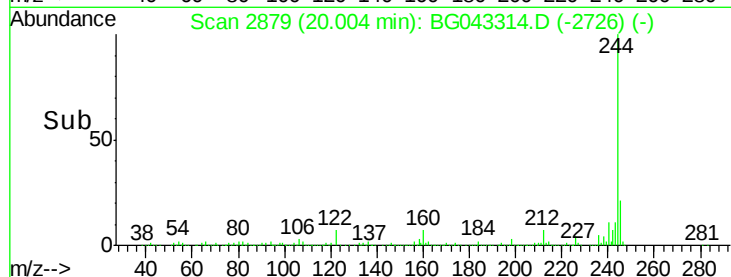
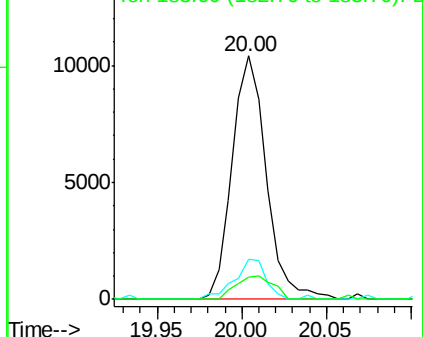
183 9.3 10.6 16.0#



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: 66.638 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

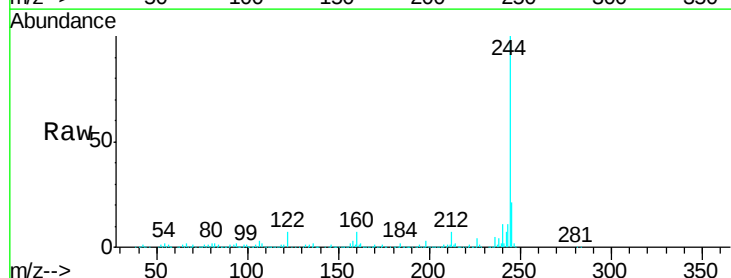
Tgt Ion:244 Resp: 997848

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

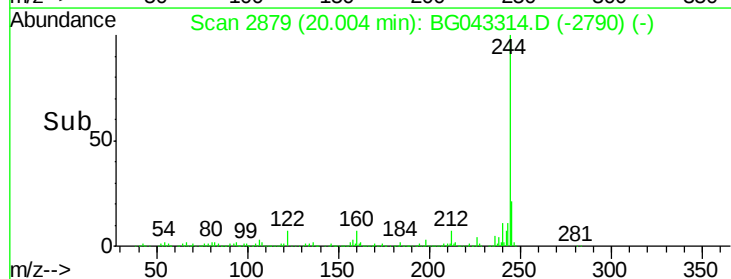
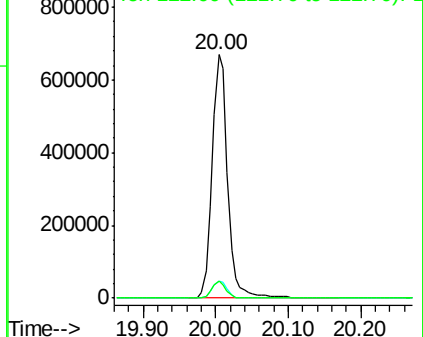
122 6.9 5.3 7.9

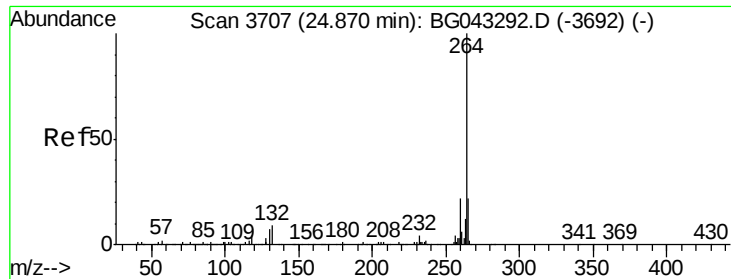


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043314.D
Acq: 23 Oct 2019 18:41

Instrument :
BNA_G
ClientSampleId :
MAIN-STOCKPILE-SLP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	21.5	17.4	26.2

