

Data File : BG044641.D
Acq On : 2 Mar 2020 20:27
Operator : CG/JU
Sample : L1740-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GP-12-022720

Quant Time: Mar 03 06:15:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	47484	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	220002	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	161345	20.00	ng	-0.07
64) Phenanthrene-d10	17.20	188	385575	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	365081	20.00	ng	-0.07
87) Perylene-d12	24.45	264	415194	20.00	ng	-0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	302236	102.12	ng	-0.07
7) Phenol-d6	6.98	99	416423	102.80	ng	-0.07
23) Nitrobenzene-d5	8.96	82	255548	59.84	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	195378	85.40	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	649232	57.62	ng	-0.06
79) Terphenyl-d14	19.82	244	1132641	58.73	ng	-0.06

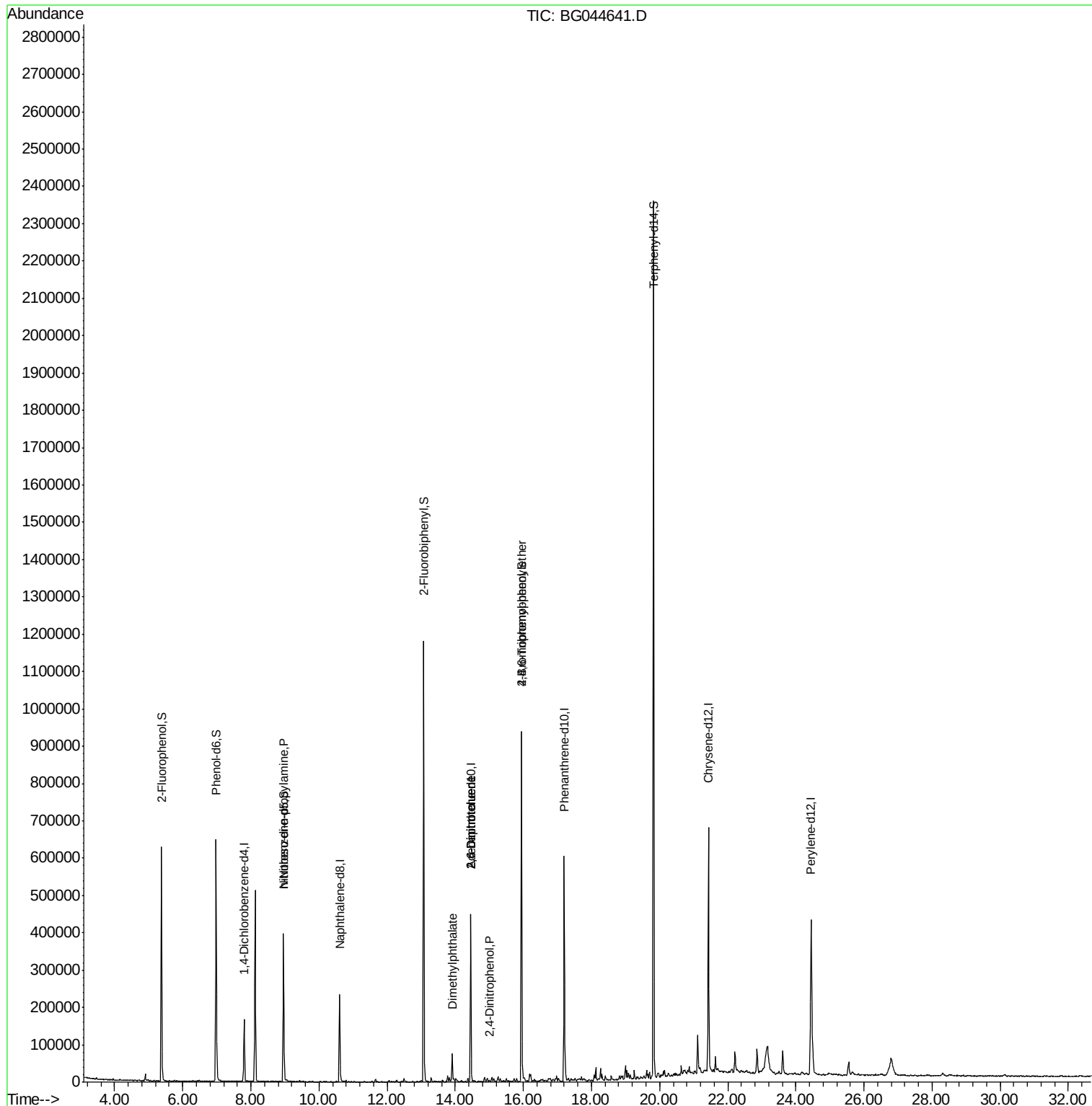
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	8.96	70	31712	12.178	ng	# 79
50) Dimethylphthalate	13.91	163	55498	4.262	ng	# 98
51) 2,6-Dinitrotoluene	14.45	165	21009	7.315	ng	# 32
54) 2,4-Dinitrophenol	15.02	184	63	9.401	ng	# 25
57) 2,4-Dinitrotoluene	14.45	165	21009	5.203	ng	# 30
67) 4-Bromophenyl-phenylether	15.94	248	13184	2.755	ng	# 1

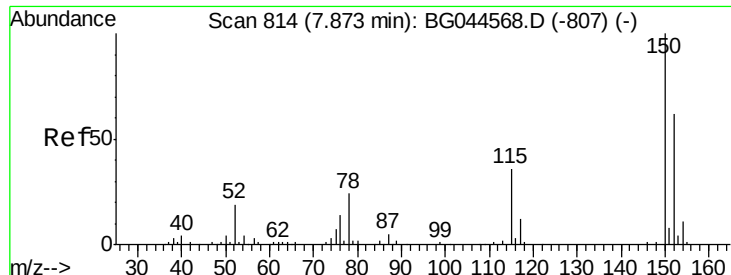
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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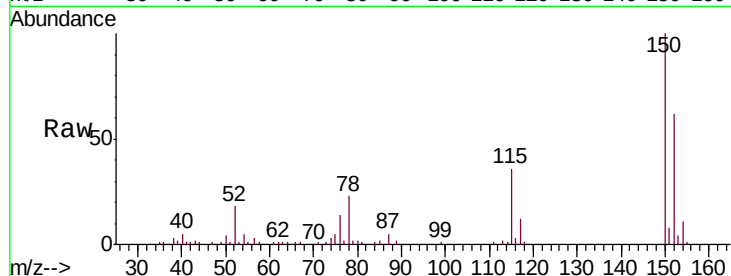




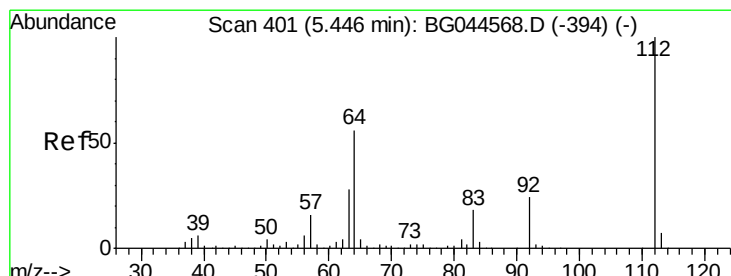
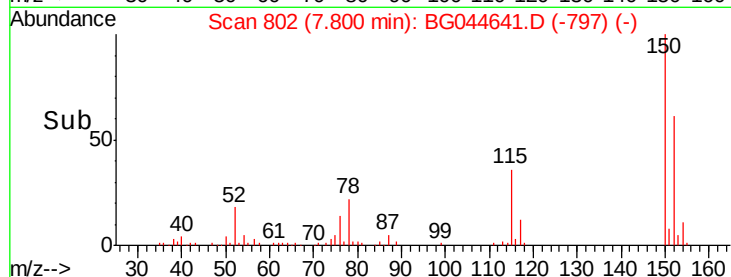
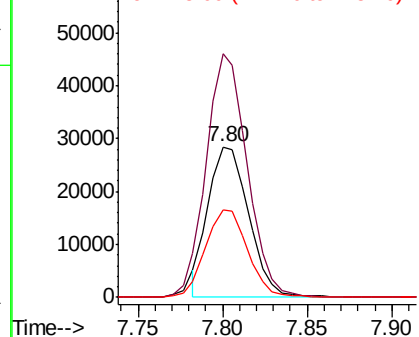
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044641.D
 Acq: 2 Mar 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 GP-12-022720

Tgt Ion:152 Resp: 47484
 Ion Ratio Lower Upper
 152 100
 150 162.0 128.9 193.3
 115 58.3 47.0 70.4

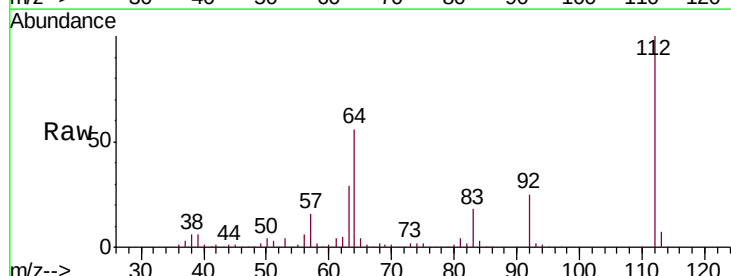


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

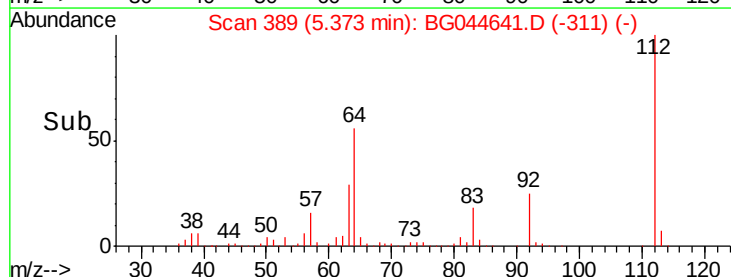
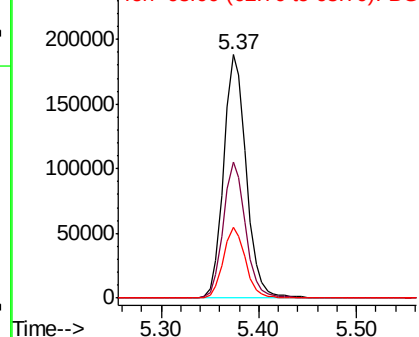


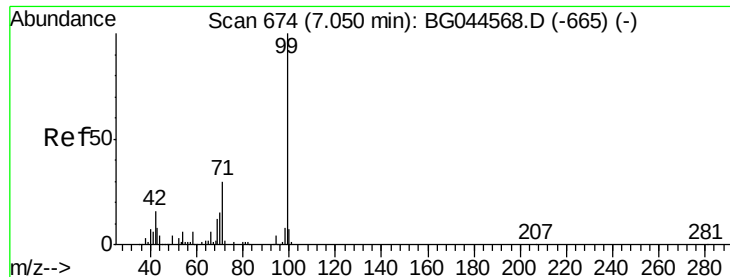
#5
 2-Fluorophenol
 Concen: 102.125 ng
 RT: 5.37 min Scan# 389
 Delta R.T. -0.07 min
 Lab File: BG044641.D
 Acq: 2 Mar 2020 20:27

Tgt Ion:112 Resp: 302236
 Ion Ratio Lower Upper
 112 100
 64 55.9 44.8 67.2
 63 29.2 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.796 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044641.D

Acq: 2 Mar 2020 20:27

Instrument :

BNA_G

ClientSampleId :

GP-12-022720

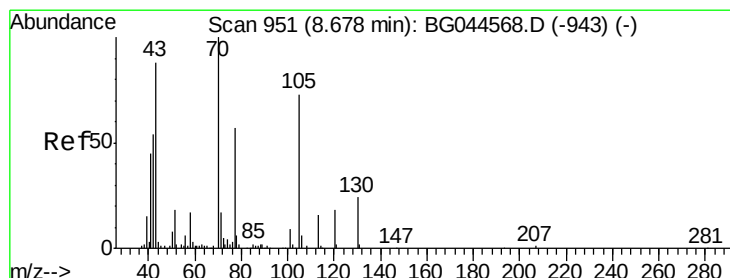
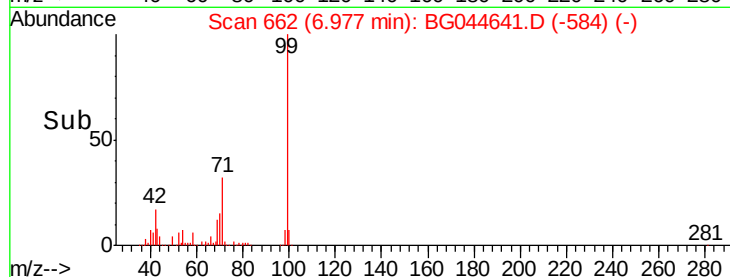
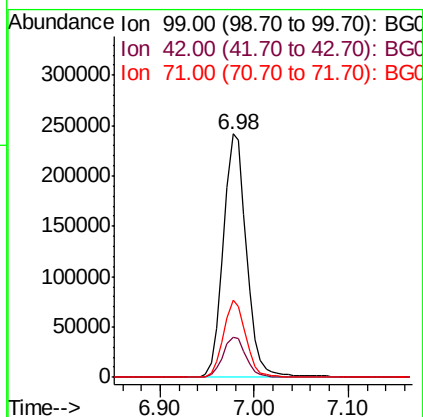
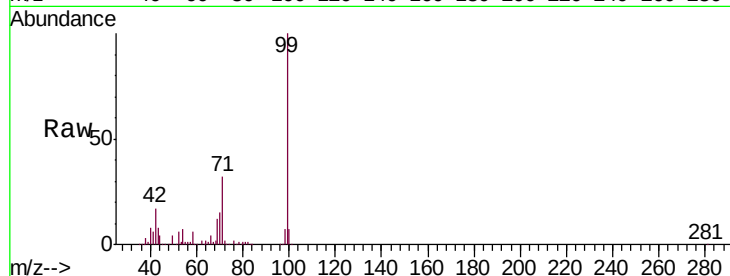
Tgt Ion: 99 Resp: 416423

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

71 31.6 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.178 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044641.D

Acq: 2 Mar 2020 20:27

Tgt Ion: 70 Resp: 31712

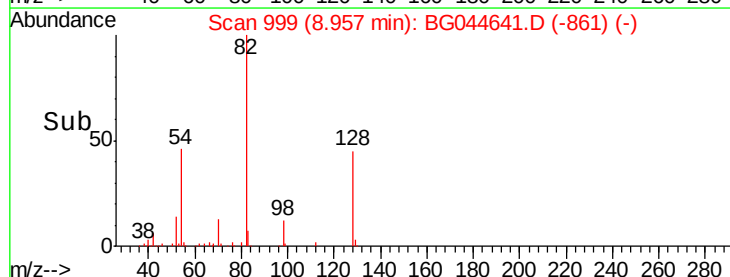
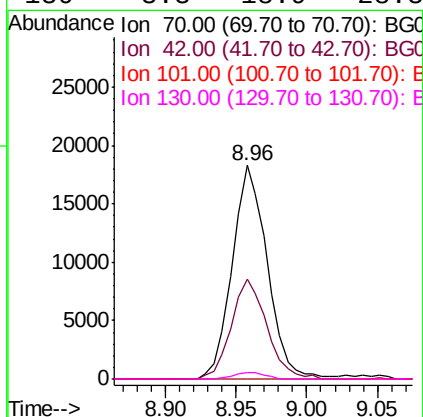
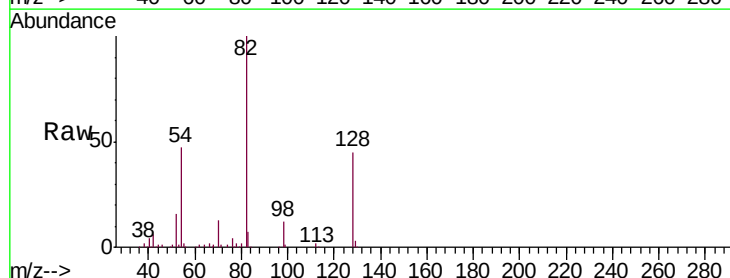
Ion Ratio Lower Upper

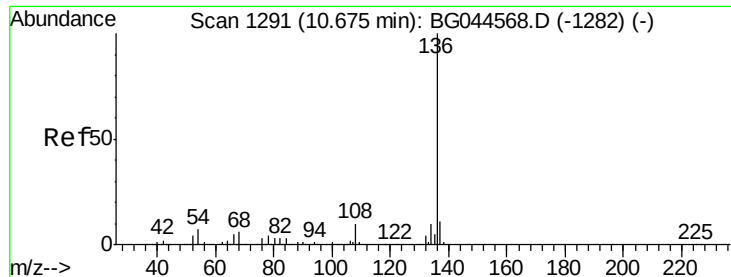
70 100

42 46.5 43.4 65.0

101 0.0 7.5 11.3#

130 3.3 18.9 28.3#

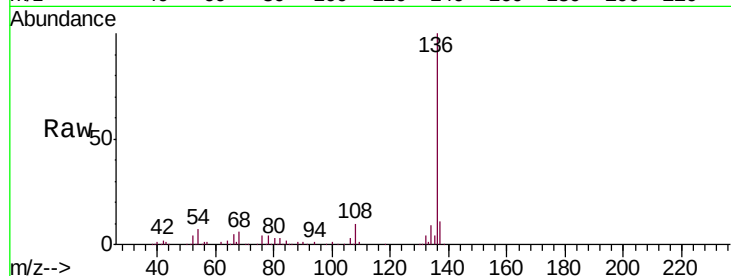




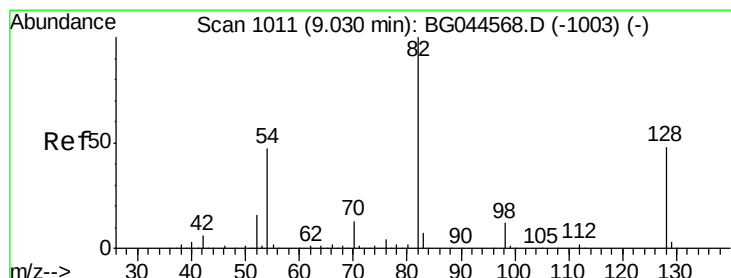
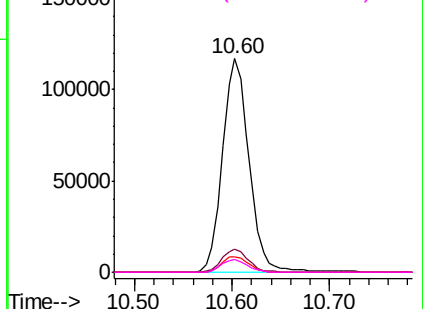
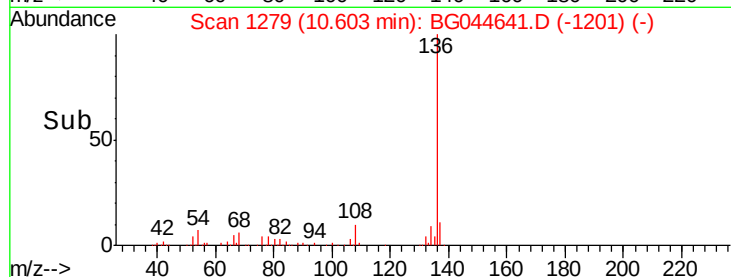
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044641.D
Acq: 2 Mar 2020 20:27

Instrument :
BNA_G
ClientSampleId :
GP-12-022720

Tgt Ion:	136	Resp:	220002
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.3	5.7	8.5
68	5.8	4.5	6.7

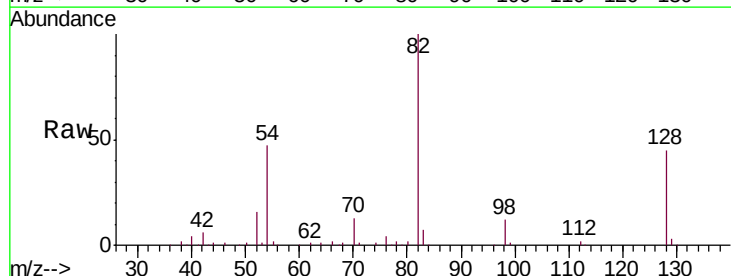


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

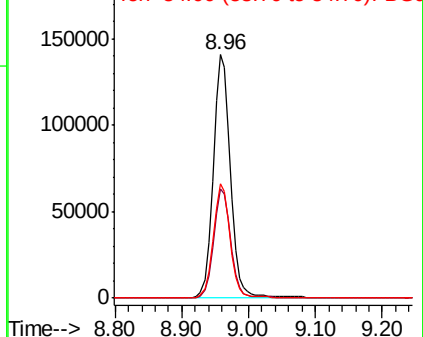
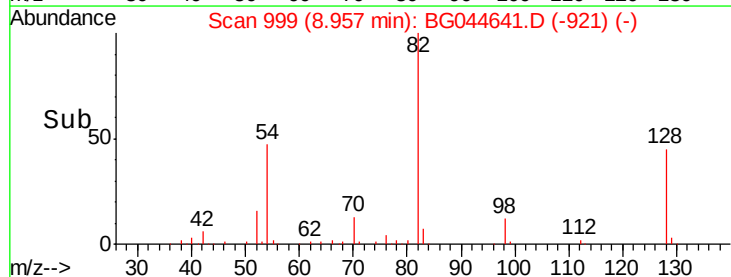


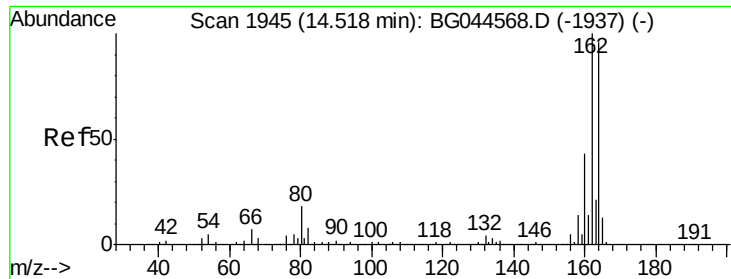
#23
Nitrobenzene-d5
Concen: 59.842 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044641.D
Acq: 2 Mar 2020 20:27

Tgt Ion:	82	Resp:	255548
Ion	Ratio	Lower	Upper
82	100		
128	44.7	38.1	57.1
54	46.7	37.5	56.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.07 min

Lab File: BG044641.D

Acq: 2 Mar 2020 20:27

Instrument :

BNA_G

ClientSampleId :

GP-12-022720

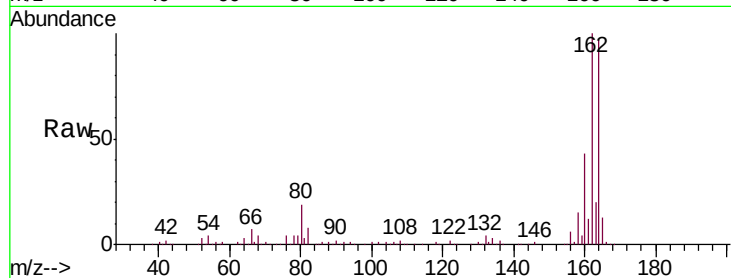
Tgt Ion:164 Resp: 161345

Ion Ratio Lower Upper

164 100

162 103.3 83.6 125.4

160 44.1 36.2 54.4

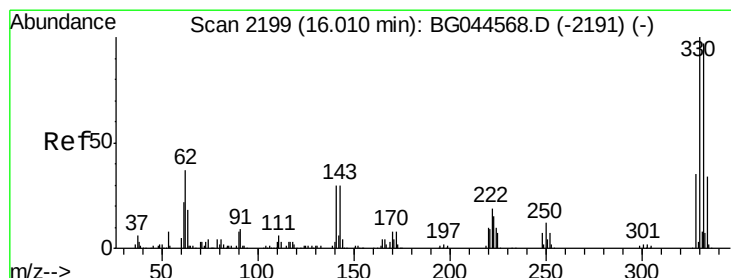
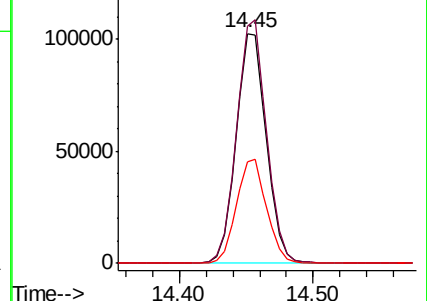
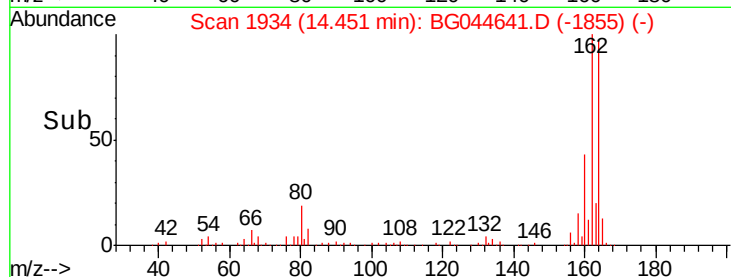


Abundance

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: 85.402 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044641.D

Acq: 2 Mar 2020 20:27

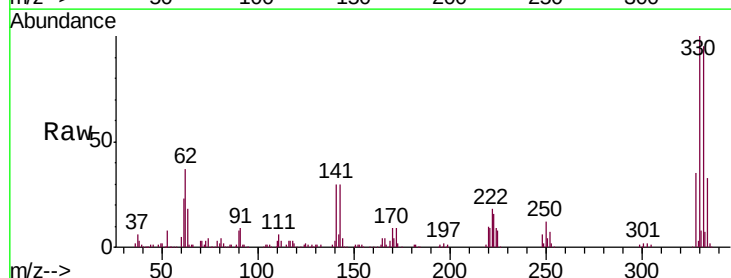
Tgt Ion:330 Resp: 195378

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 33.5 26.1 39.1

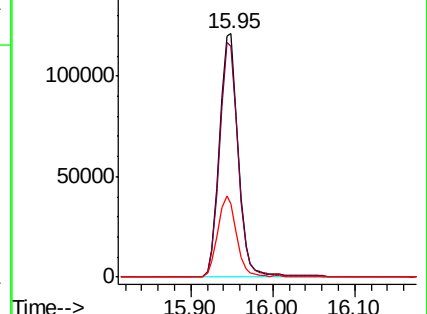
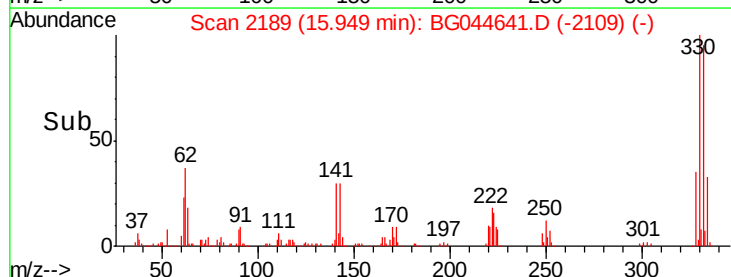


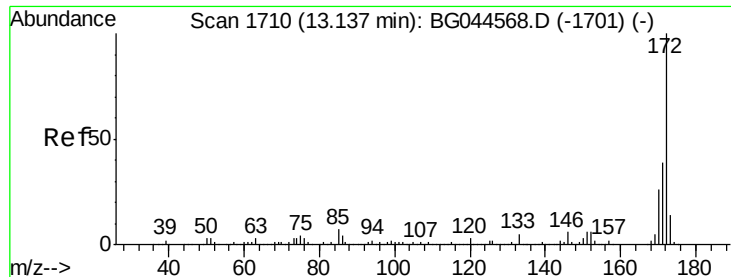
Abundance

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

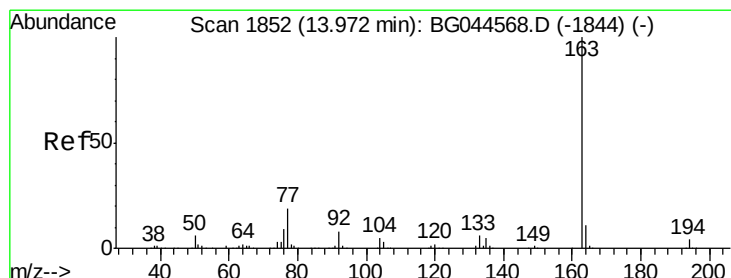
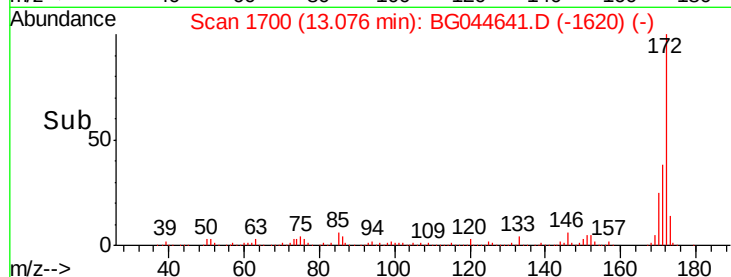
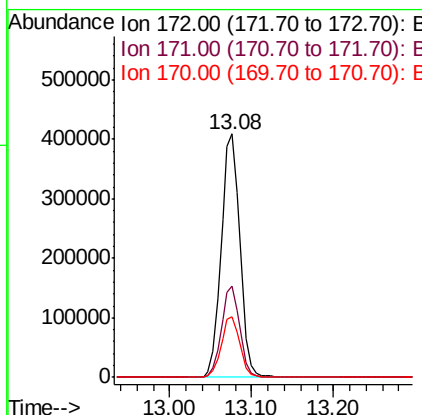
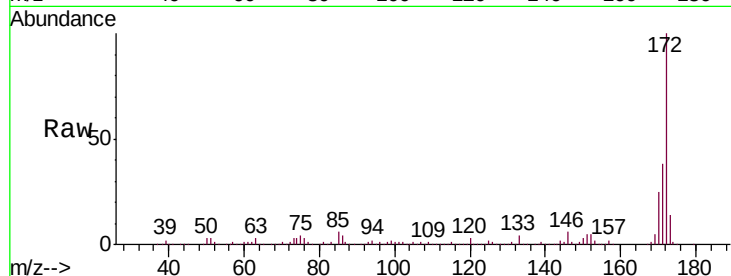




#45
2-Fluorobiphenyl
Concen: 57.621 ng
RT: 13.08 min Scan# 1700
Delta R.T. -0.06 min
Lab File: BG044641.D
Acq: 2 Mar 2020 20:27

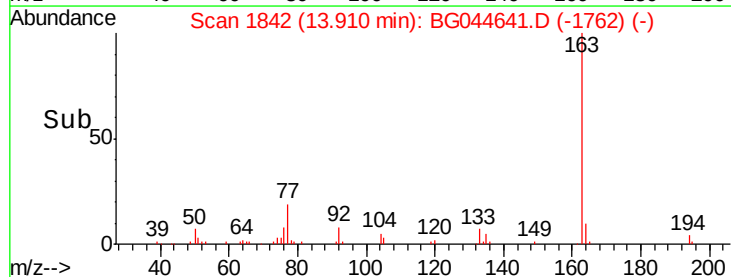
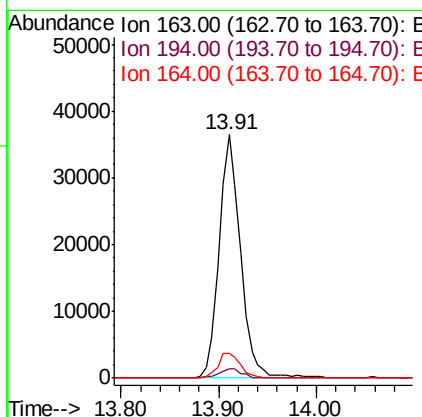
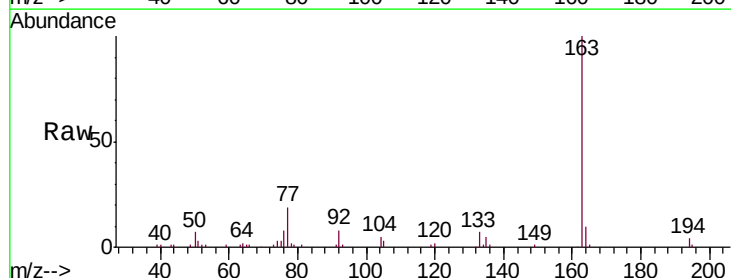
Instrument :
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GP-12-022720

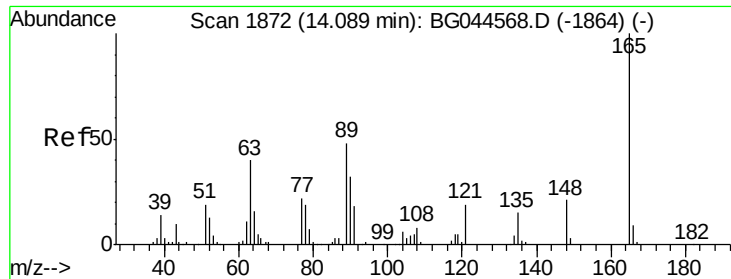
Tgt Ion:172 Resp: 649232
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.7 21.0 31.4



#50
Dimethylphthalate
Concen: 4.262 ng
RT: 13.91 min Scan# 1842
Delta R.T. -0.06 min
Lab File: BG044641.D
Acq: 2 Mar 2020 20:27

Tgt Ion:163 Resp: 55498
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.9 8.7 13.1

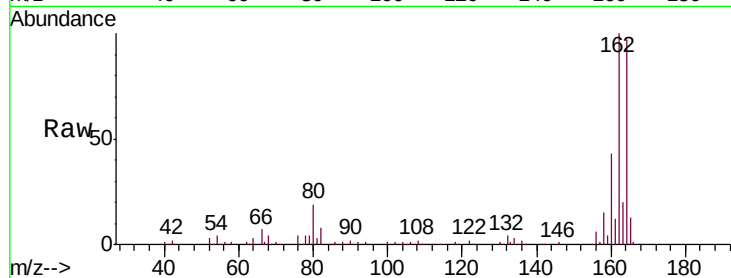




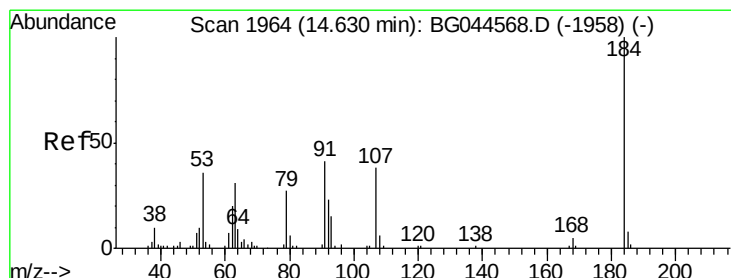
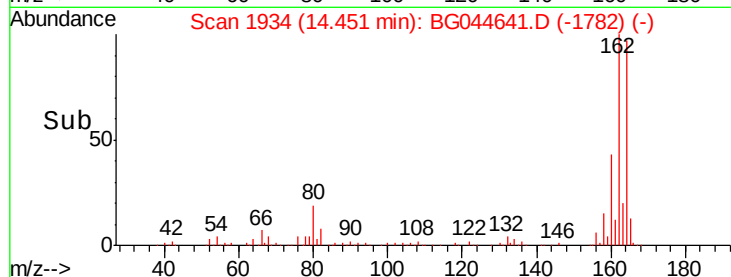
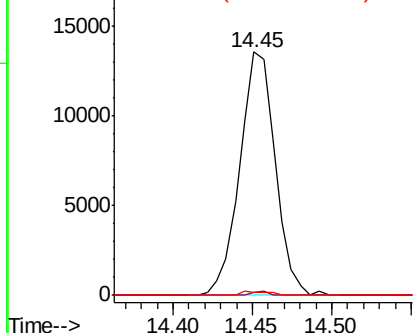
#51
 2,6-Dinitrotoluene
 Concen: 7.315 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. 0.36 min
 Lab File: BG044641.D
 Acq: 2 Mar 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 GP-12-022720

Tgt Ion:165 Resp: 21009
 Ion Ratio Lower Upper
 165 100
 63 1.5 35.8 53.6#
 89 1.4 38.7 58.1#

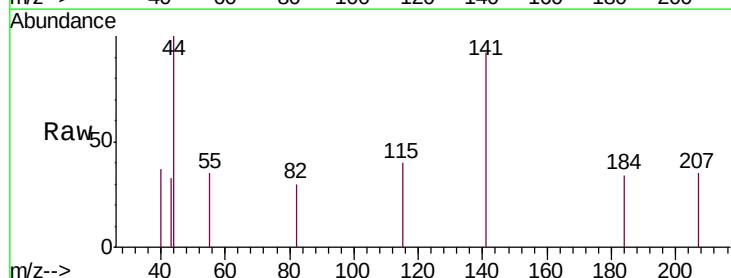


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

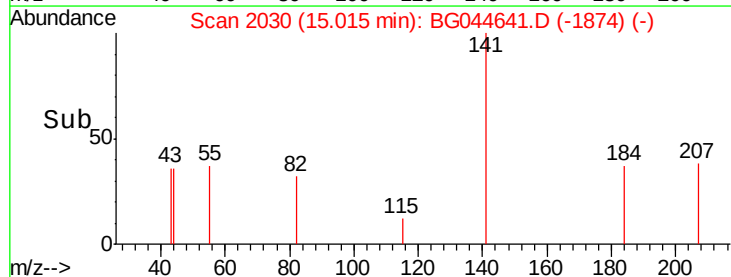
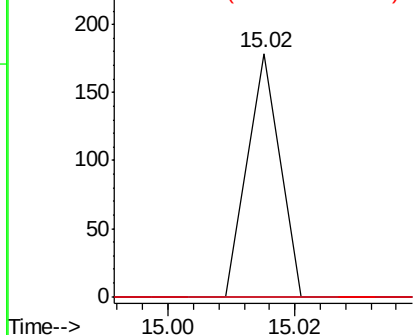


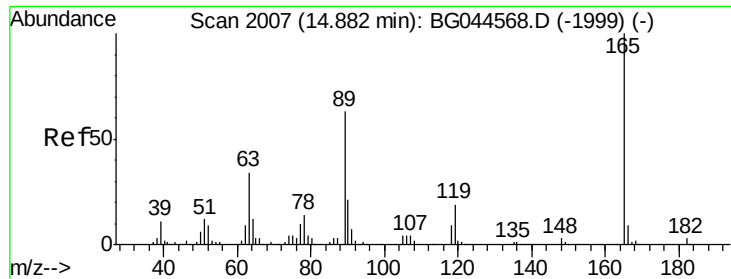
#54
 2,4-Dinitrophenol
 Concen: 9.401 ng
 RT: 15.02 min Scan# 2030
 Delta R.T. 0.39 min
 Lab File: BG044641.D
 Acq: 2 Mar 2020 20:27

Tgt Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 42.1 63.1#
 154 0.0 43.4 65.2#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

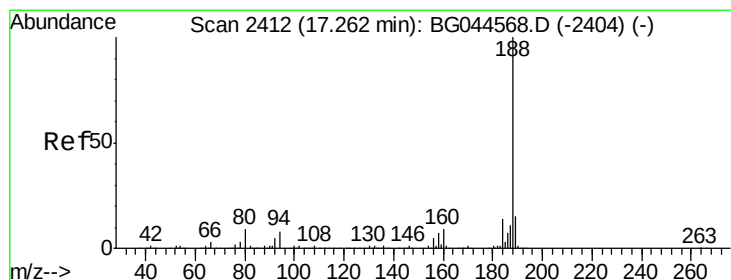
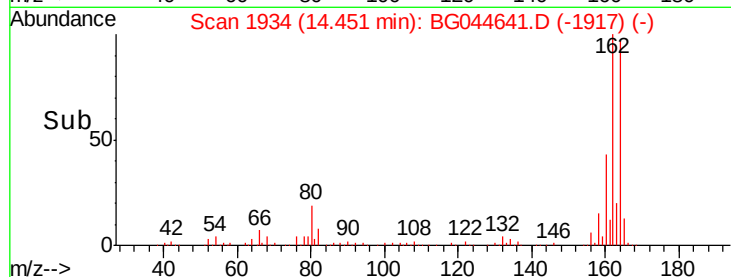
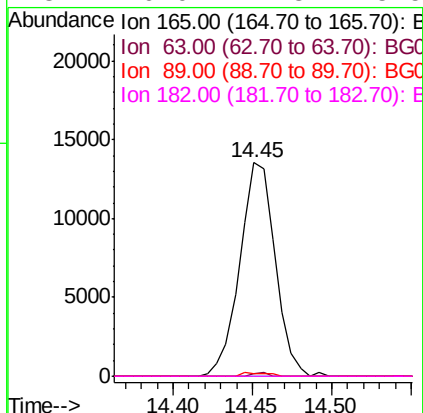
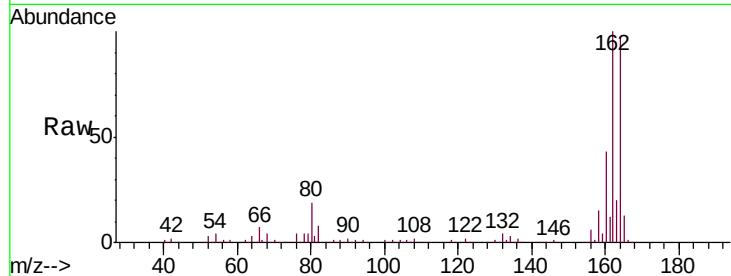




#57
 2,4-Dinitrotoluene
 Concen: 5.203 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044641.D
 Acq: 2 Mar 2020 20:27

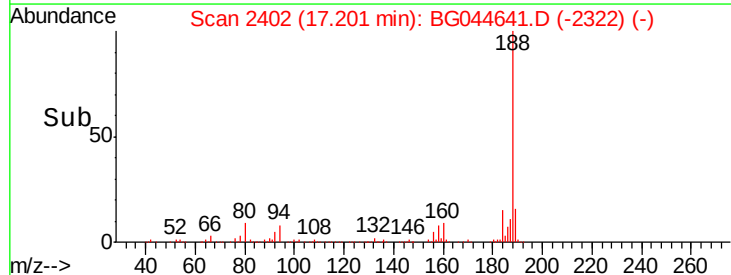
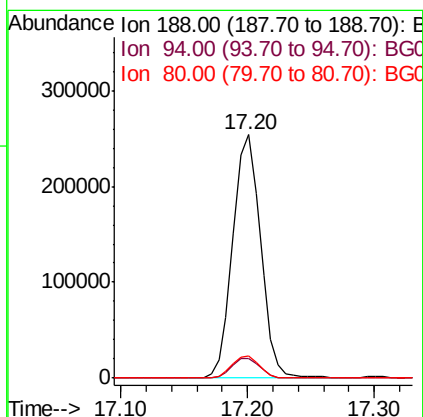
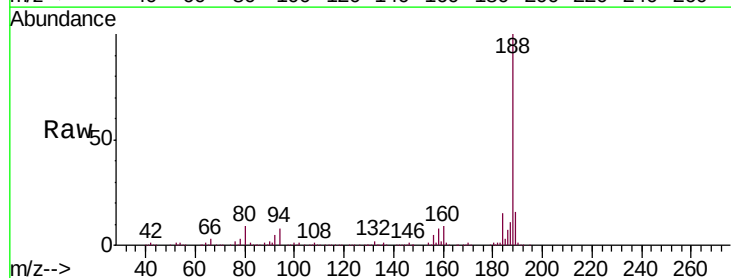
Instrument :
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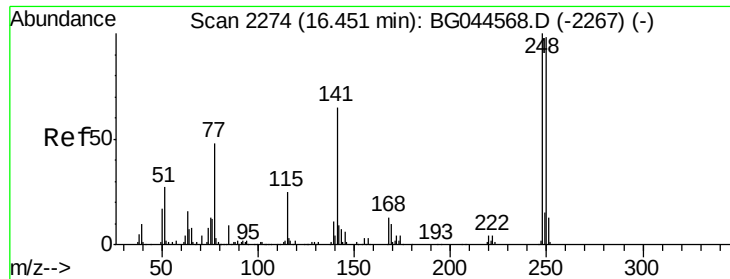
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.5	41.3#
89	1.4	50.0	75.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2402
 Delta R.T. -0.06 min
 Lab File: BG044641.D
 Acq: 2 Mar 2020 20:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.9	7.6	11.4

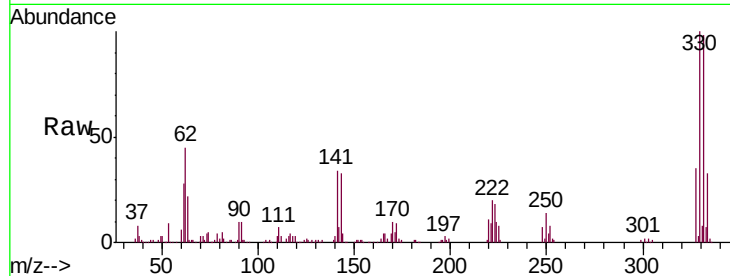




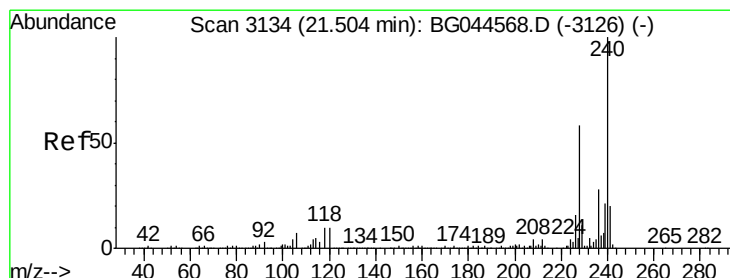
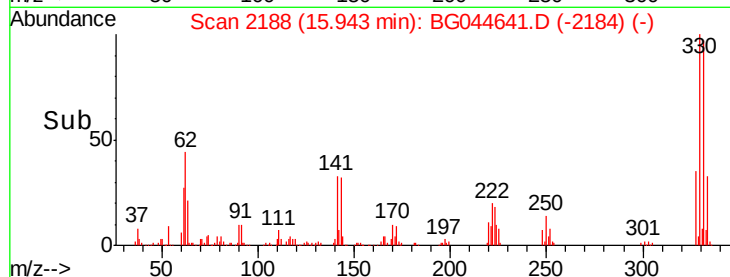
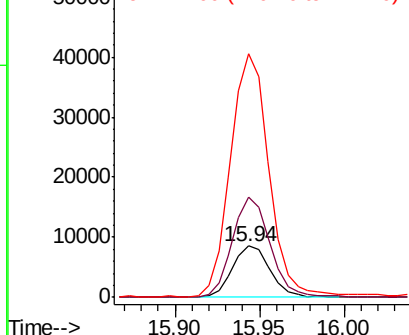
#67
 4-Bromophenyl-phenylether
 Concen: 2.755 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.51 min
 Lab File: BG044641.D
 Acq: 2 Mar 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 GP-12-022720

Tgt Ion:248 Resp: 13184
 Ion Ratio Lower Upper
 248 100
 250 194.4 78.7 118.1#
 141 473.6 52.3 78.5#

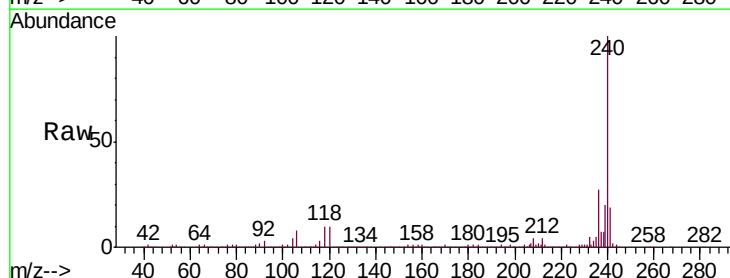


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

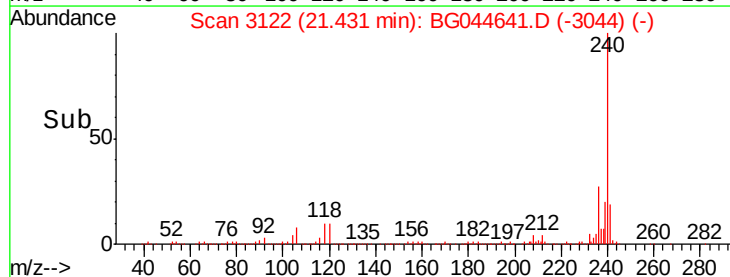
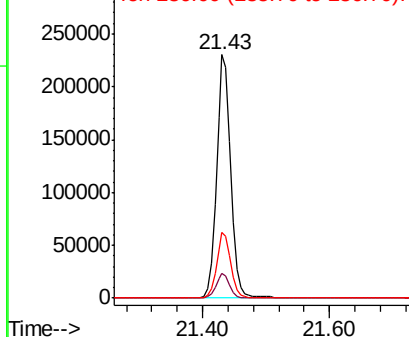


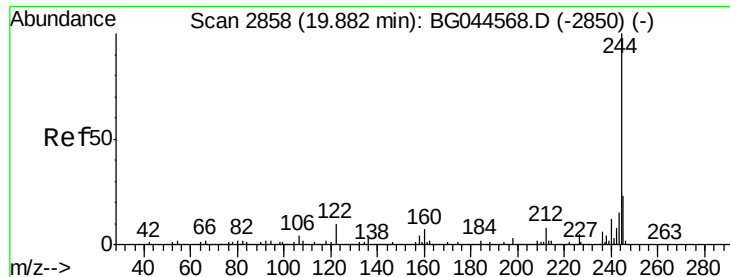
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.43 min Scan# 3122
 Delta R.T. -0.07 min
 Lab File: BG044641.D
 Acq: 2 Mar 2020 20:27

Tgt Ion:240 Resp: 365081
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 26.7 22.3 33.5



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





#79

Terphenyl-d14

Concen: 58.731 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044641.D

Acq: 2 Mar 2020 20:27

Instrument :

BNA_G

ClientSampled :

GP-12-022720

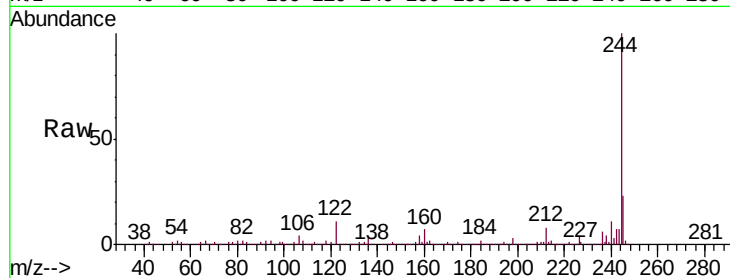
Tgt Ion:244 Resp: 1132641

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

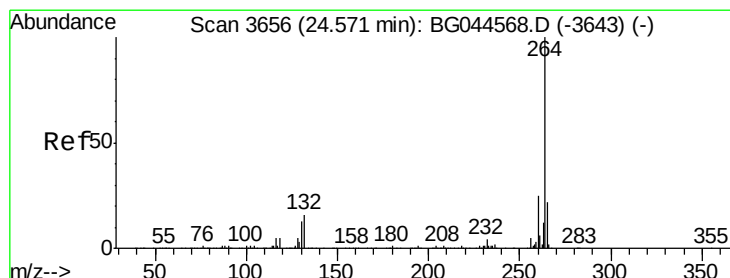
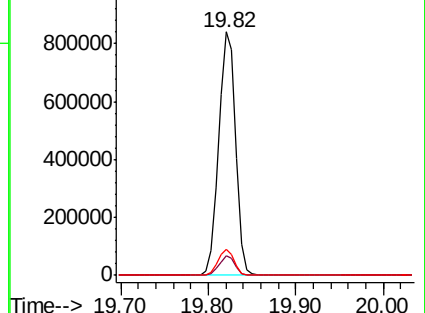
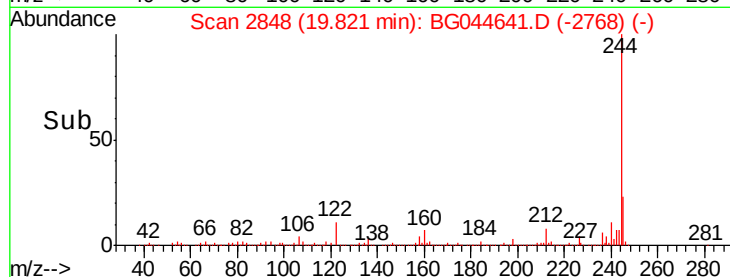
122 10.9 8.2 12.4



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: 24.45 min Scan# 3636

Delta R.T. -0.12 min

Lab File: BG044641.D

Acq: 2 Mar 2020 20:27

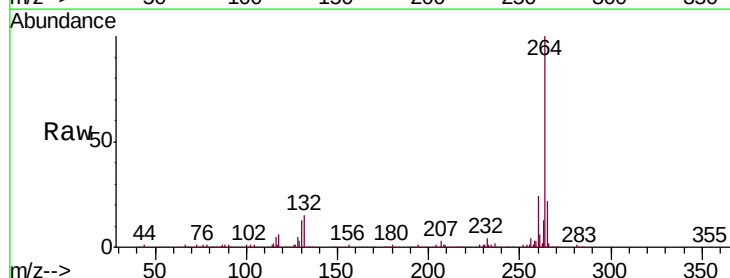
Tgt Ion:264 Resp: 415194

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.1 17.8 26.8



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

