

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
 Data File : BG040826.D
 Acq On : 9 May 2019 21:40
 Operator : HP/JU
 Sample : K2762-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS003-1218-01

Quant Time: May 10 06:23:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

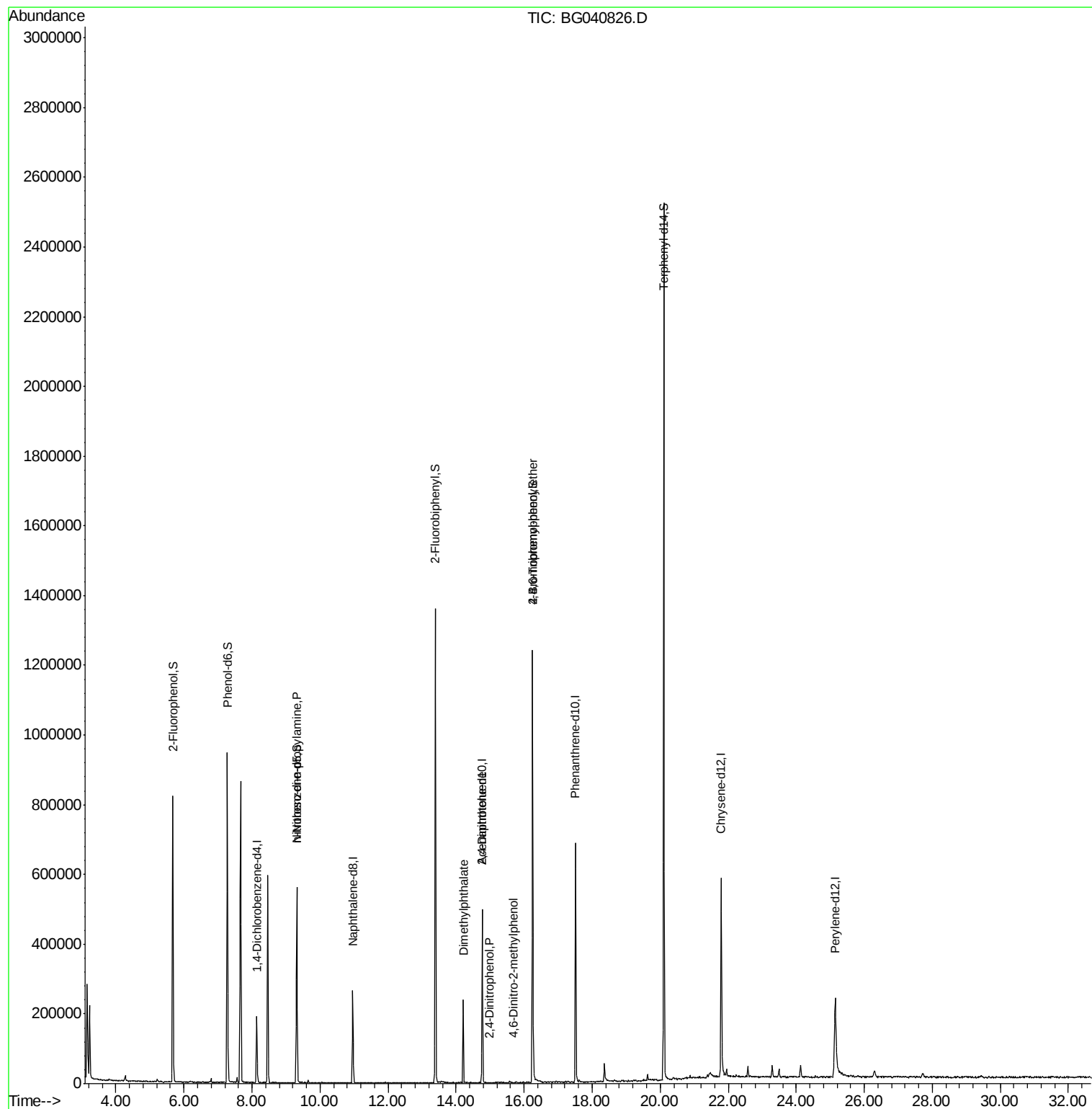
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47963	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	209082	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	160430	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	424740	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	401832	20.00	ng	-0.03
87) Perylene-d12	25.15	264	325046	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	309132	113.61	ng	-0.01
7) Phenol-d6	7.28	99	474247	113.20	ng	-0.02
23) Nitrobenzene-d5	9.32	82	336677	74.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	235807	106.93	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	677185	60.96	ng	-0.02
79) Terphenyl-d14	20.11	244	1252316	69.04	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.28	77	882	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.32	70	48329	12.815	ng	# 76
50) Dimethylphthalate	14.21	163	145484	10.839	ng	# 99
54) 2,4-Dinitrophenol	14.97	184	62	7.053	ng	# 21
57) 2,4-Dinitrotoluene	14.77	165	19810	5.565	ng	# 14
65) 4,6-Dinitro-2-methylphenol	15.69	198	65	7.128	ng	# 28
67) 4-Bromophenyl-phenylether	16.25	248	17175	3.246	ng	# 1

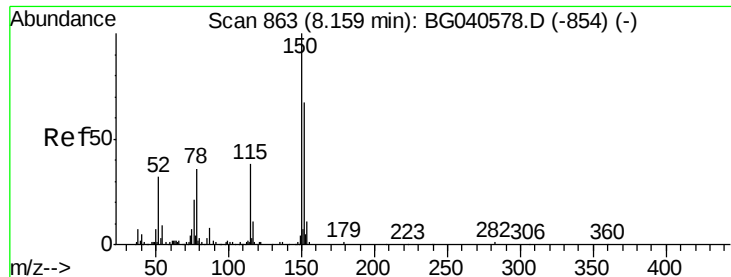
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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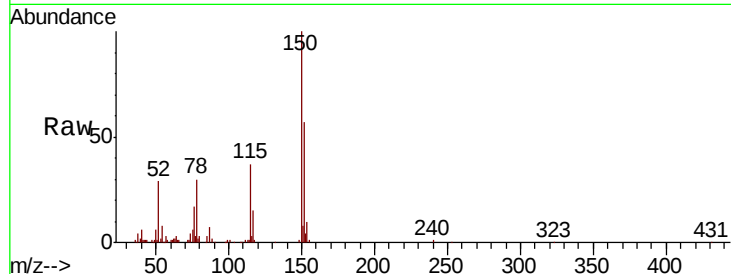


#1

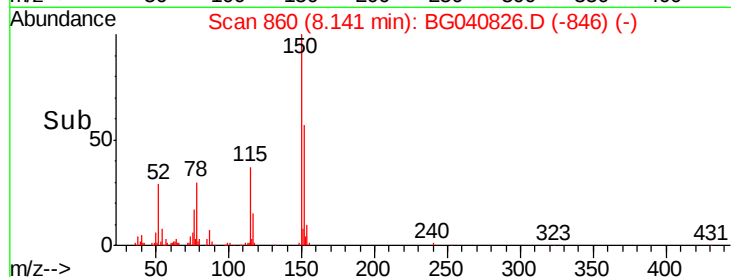
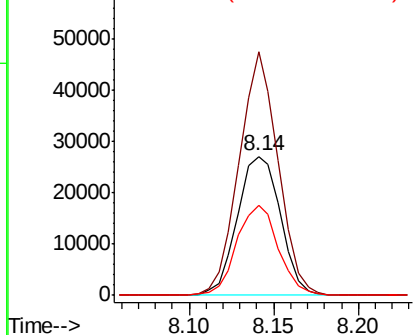
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040826.D
Acq: 9 May 2019 21:40

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1218-01

Tgt Ion:152 Resp: 47963
Ion Ratio Lower Upper
152 100
150 175.1 120.2 180.2
115 64.6 46.2 69.2



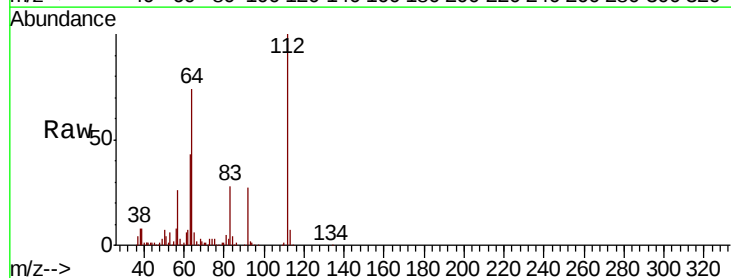
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



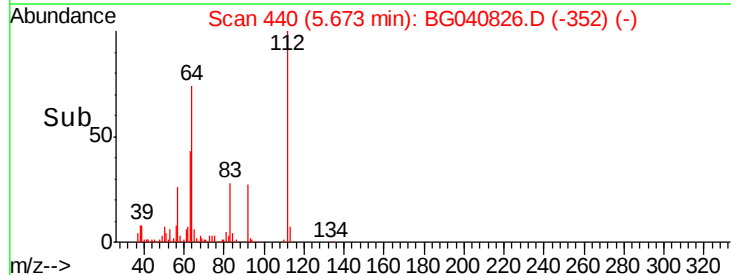
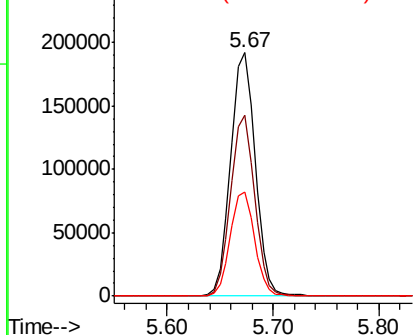
#5

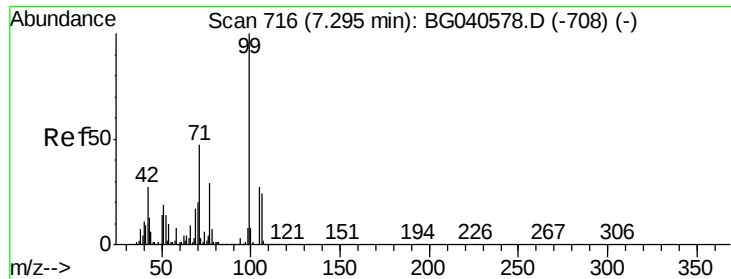
2-Fluorophenol
Concen: 113.614 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040826.D
Acq: 9 May 2019 21:40

Tgt Ion:112 Resp: 309132
Ion Ratio Lower Upper
112 100
64 74.1 61.4 92.0
63 42.8 37.8 56.6



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: 113.201 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040826.D

Acq: 9 May 2019 21:40

Instrument :

BNA_G

ClientSampleId :

P021-SS003-1218-01

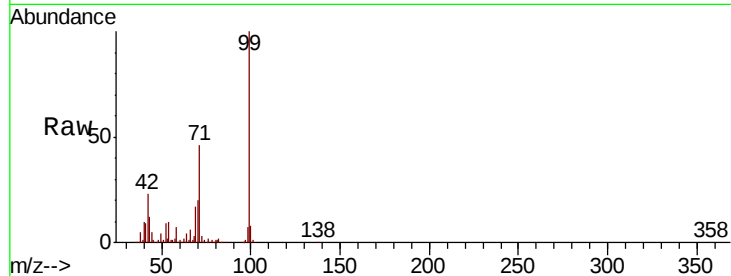
Tgt Ion: 99 Resp: 474247

Ion Ratio Lower Upper

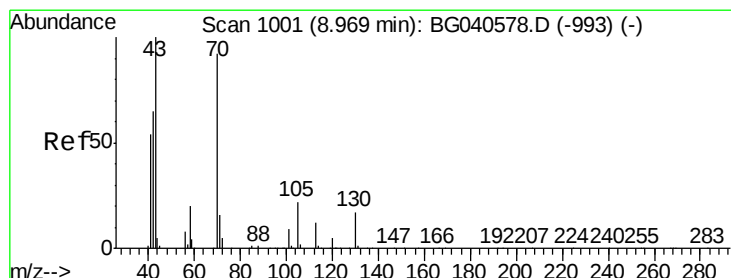
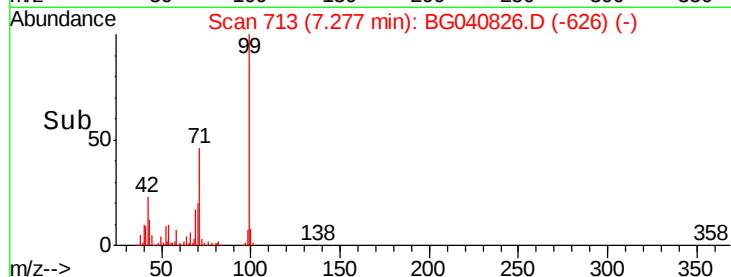
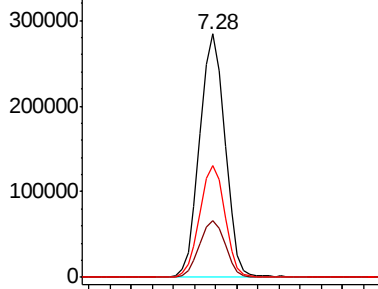
99 100

42 23.2 21.8 32.8

71 46.1 38.6 57.8



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: 12.815 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040826.D

Acq: 9 May 2019 21:40

Tgt Ion: 70 Resp: 48329

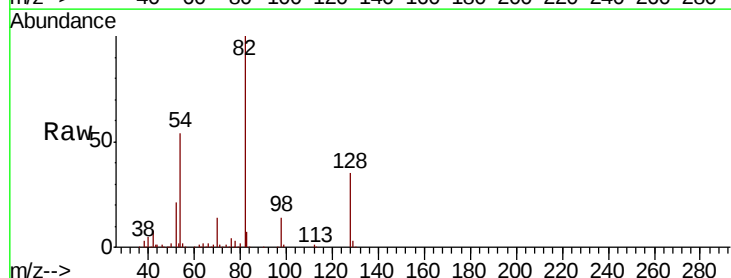
Ion Ratio Lower Upper

70 100

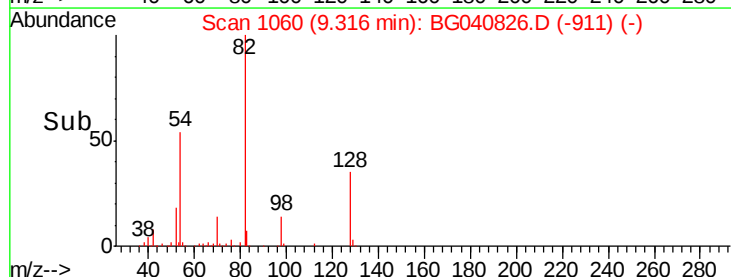
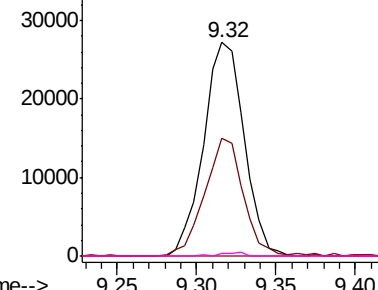
42 55.0 57.1 85.7#

101 0.0 7.8 11.8#

130 1.0 14.6 21.8#



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

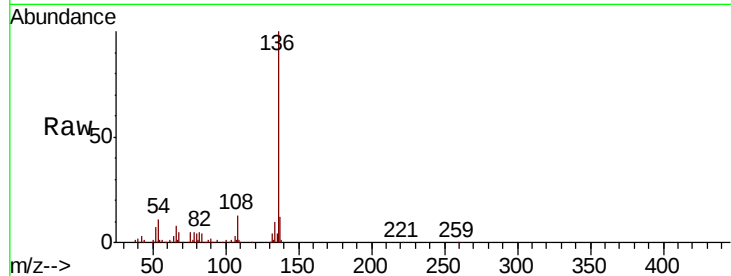




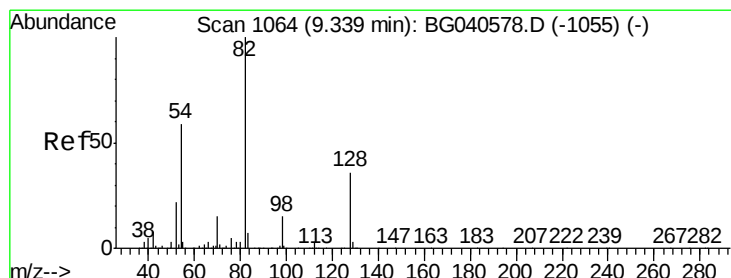
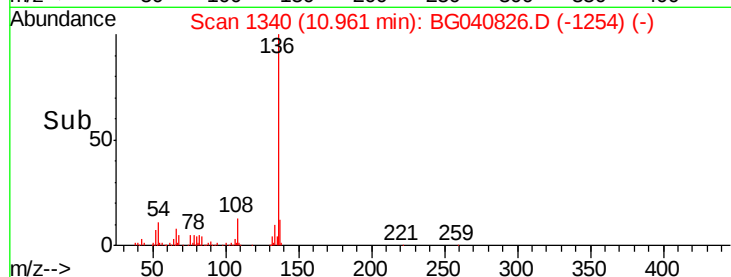
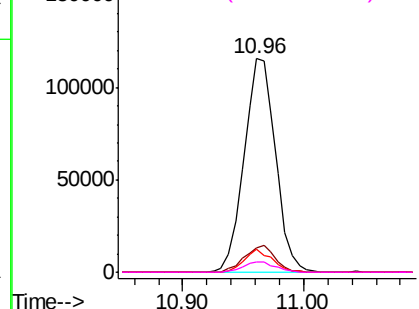
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040826.D
Acq: 9 May 2019 21:40

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1218-01

Tgt Ion:	136	Resp:	209082
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	11.0	8.6	12.8
68	5.1	4.8	7.2

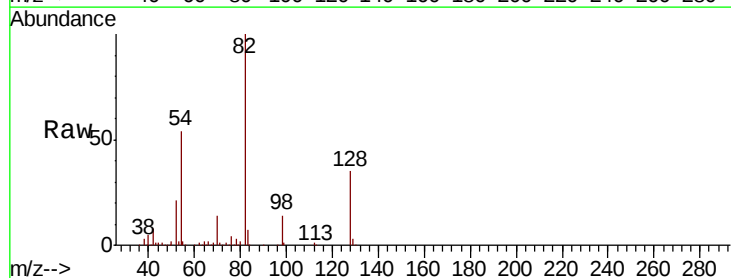


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

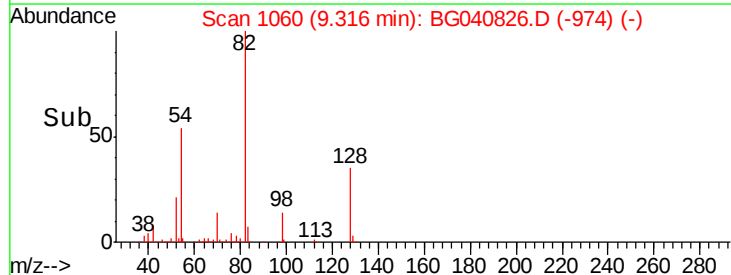
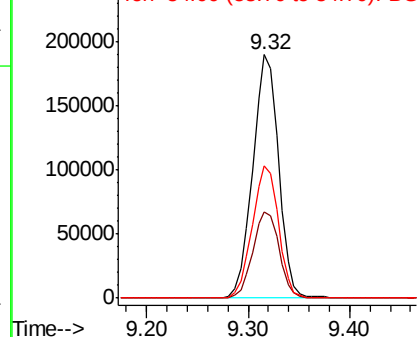


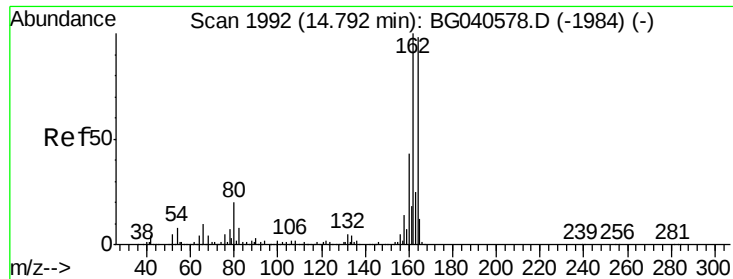
#23
Nitrobenzene-d5
Concen: 74.404 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040826.D
Acq: 9 May 2019 21:40

Tgt Ion:	82	Resp:	336677
Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.9	43.3
54	54.4	47.2	70.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040826.D

Acq: 9 May 2019 21:40

Instrument :

BNA_G

ClientSampleId :

P021-SS003-1218-01

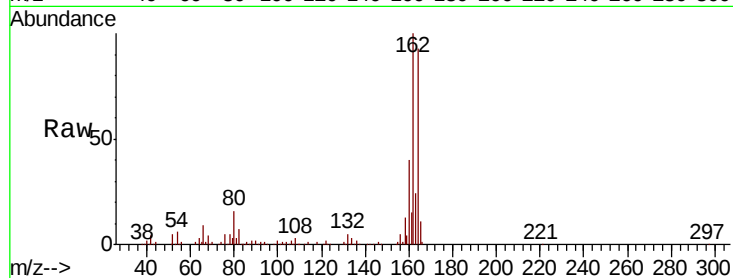
Tgt Ion:164 Resp: 160430

Ion Ratio Lower Upper

164 100

162 108.1 81.9 122.9

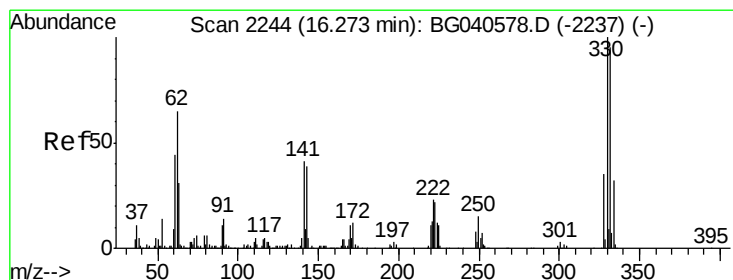
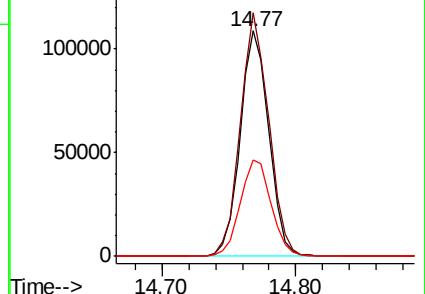
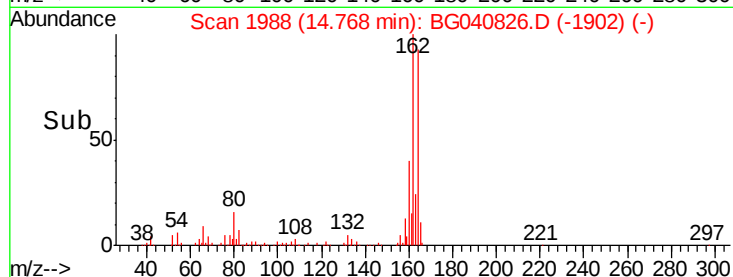
160 43.0 35.4 53.2



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: 106.935 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040826.D

Acq: 9 May 2019 21:40

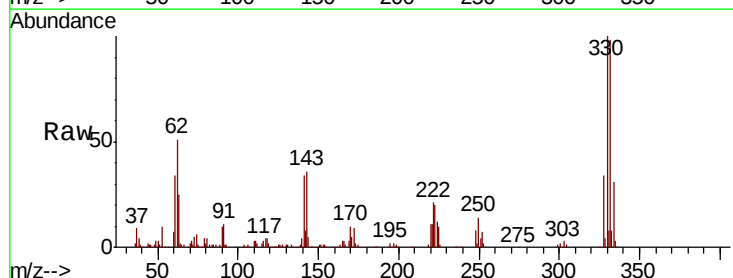
Tgt Ion:330 Resp: 235807

Ion Ratio Lower Upper

330 100

332 95.6 75.9 113.9

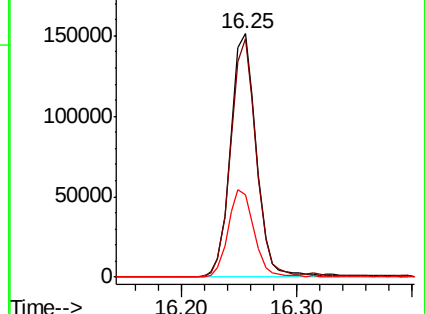
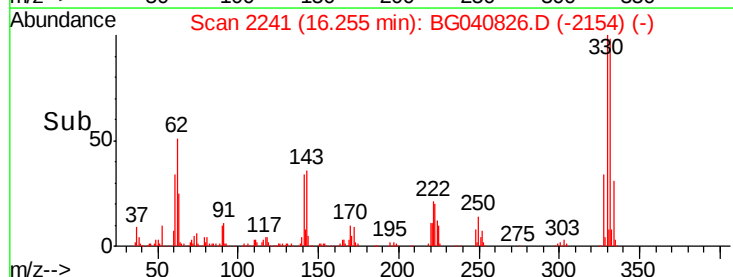
141 35.9 32.4 48.6



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

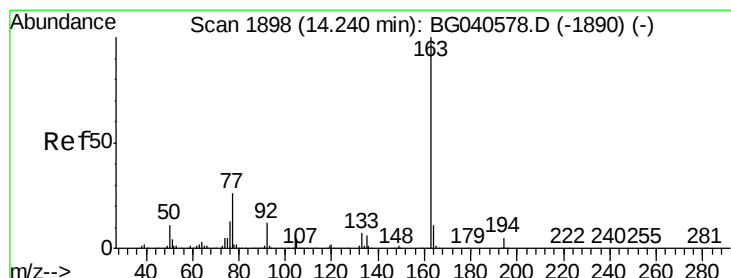
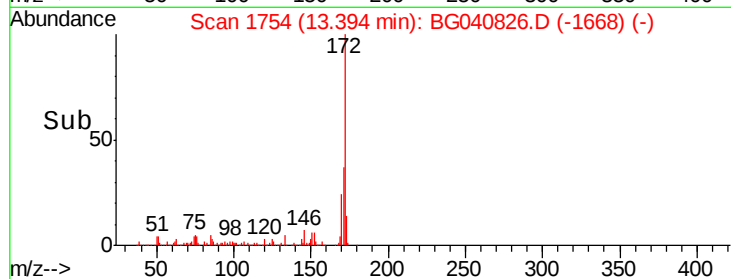
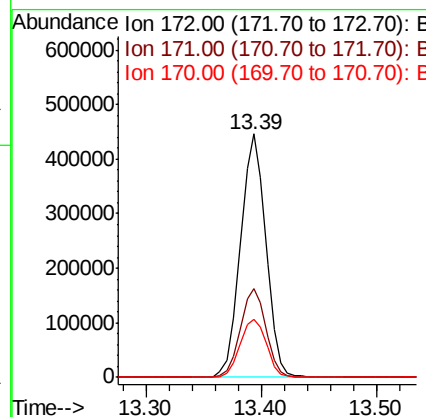
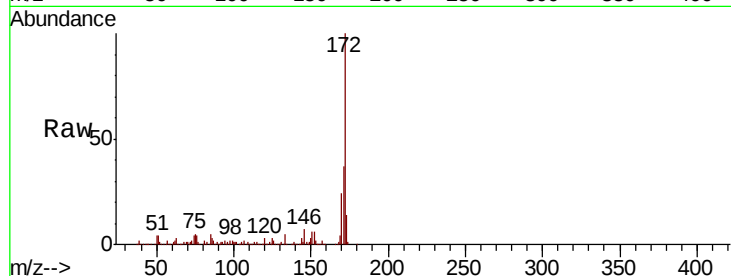




#45
 2-Fluorobiphenyl
 Concen: 60.961 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040826.D
 Acq: 9 May 2019 21:40

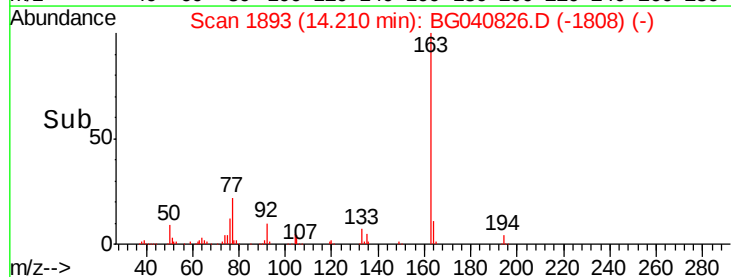
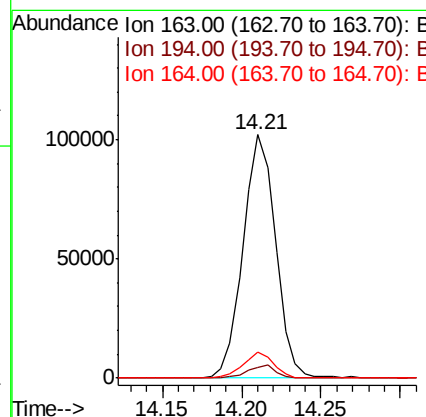
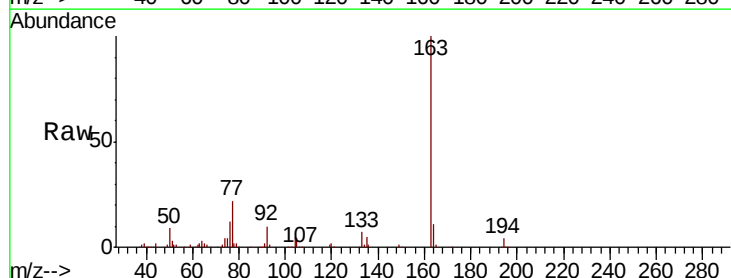
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 P021-SS003-1218-01

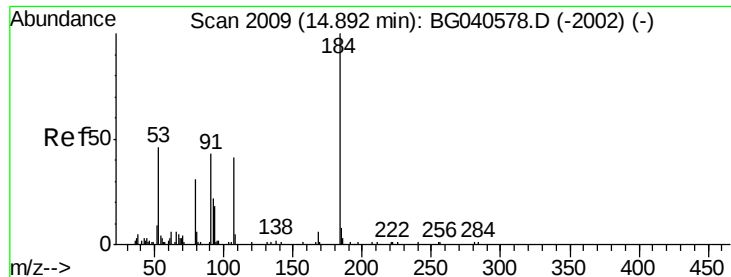
Tgt Ion:	172	Resp:	677185
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	23.8	19.9	29.9



#50
 Dimethylphthalate
 Concen: 10.839 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.03 min
 Lab File: BG040826.D
 Acq: 9 May 2019 21:40

Tgt Ion:	163	Resp:	145484
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.8
164	11.0	8.8	13.2

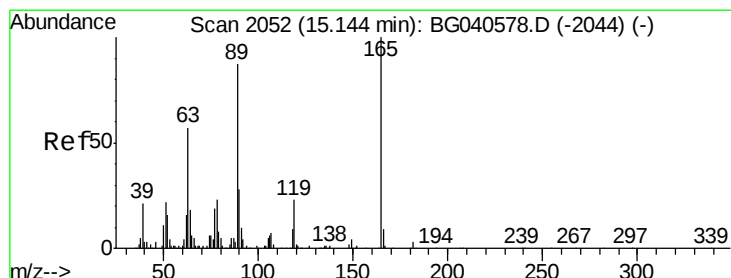
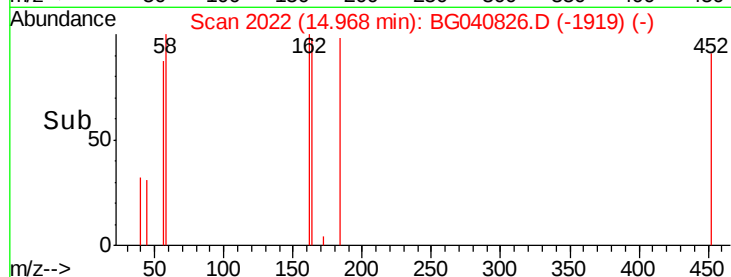
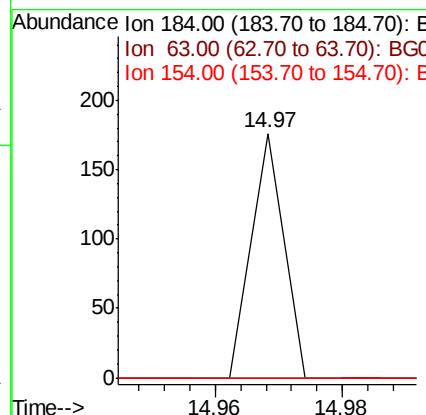
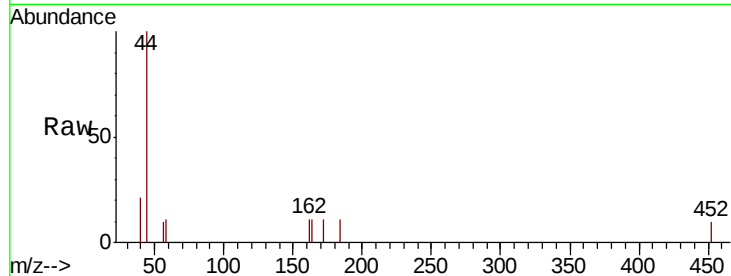




#54
2,4-Dinitrophenol
Concen: 7.053 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.08 min
Lab File: BG040826.D
Acq: 9 May 2019 21:40

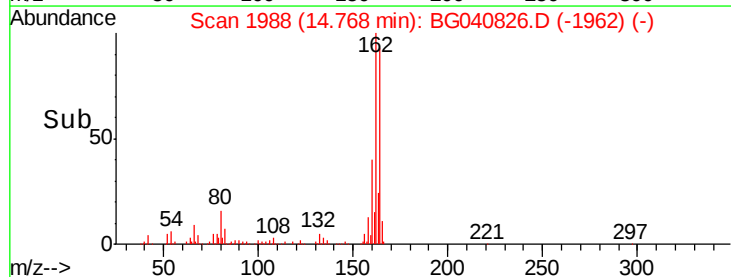
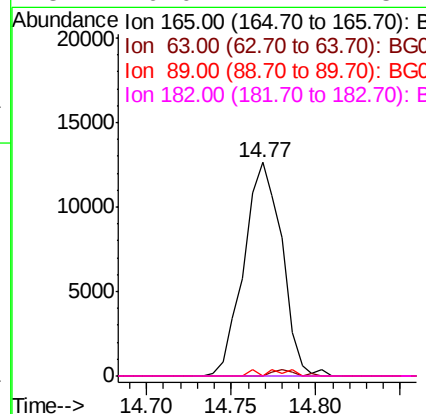
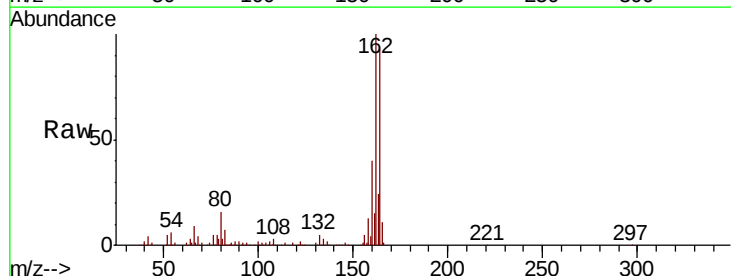
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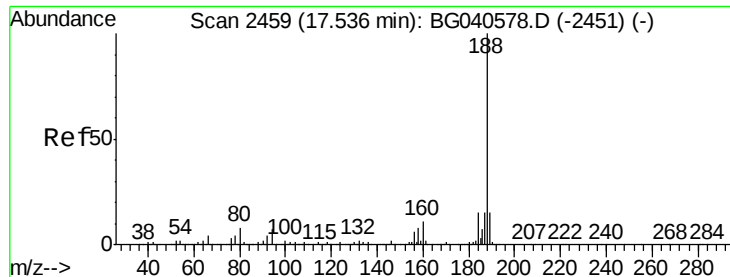
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 5.565 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040826.D
Acq: 9 May 2019 21:40

Tgt Ion:165 Resp: 19810
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 69.4 104.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040826.D

Acq: 9 May 2019 21:40

Instrument :

BNA_G

ClientSampleId :

P021-SS003-1218-01

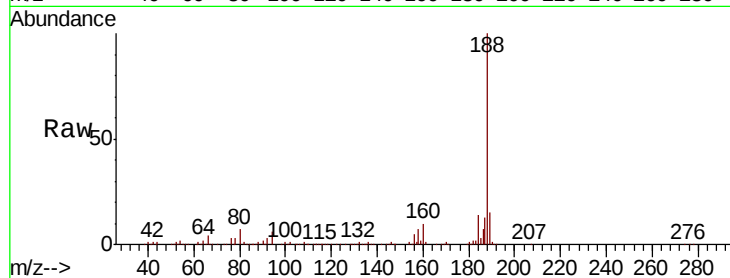
Tgt Ion:188 Resp: 424740

Ion Ratio Lower Upper

188 100

94 6.3 5.6 8.4

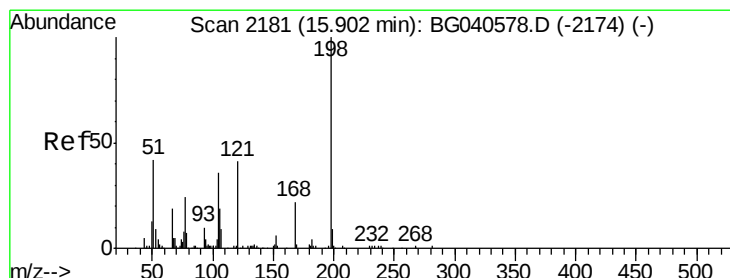
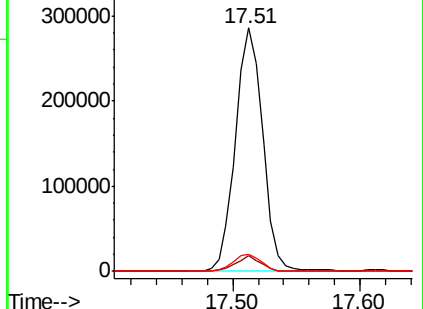
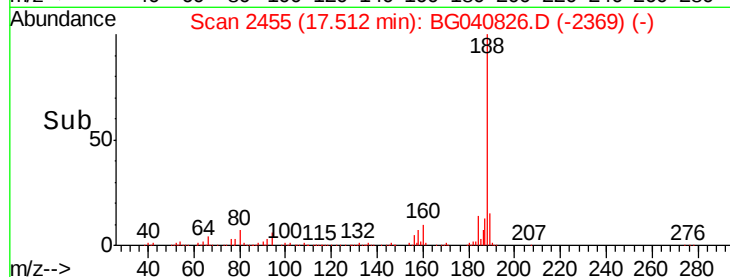
80 6.8 6.4 9.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.128 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.21 min

Lab File: BG040826.D

Acq: 9 May 2019 21:40

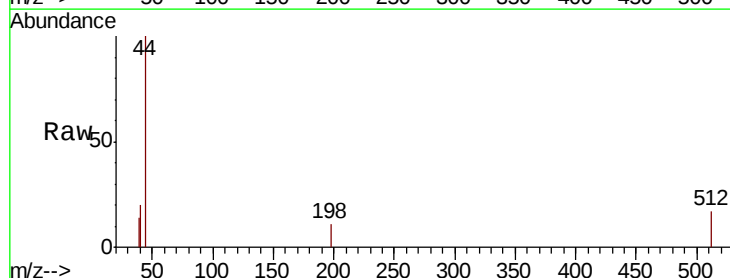
Tgt Ion:198 Resp: 65

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

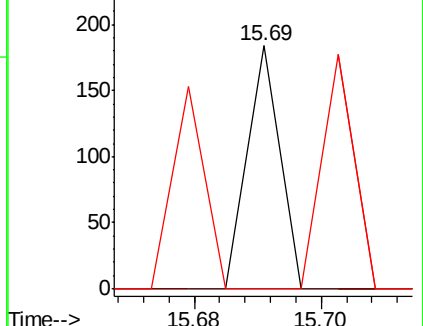
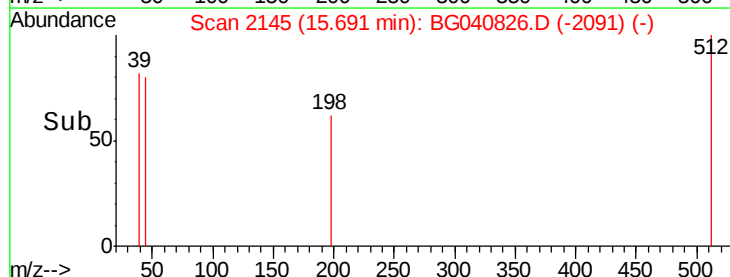
105 0.0 21.2 61.2#

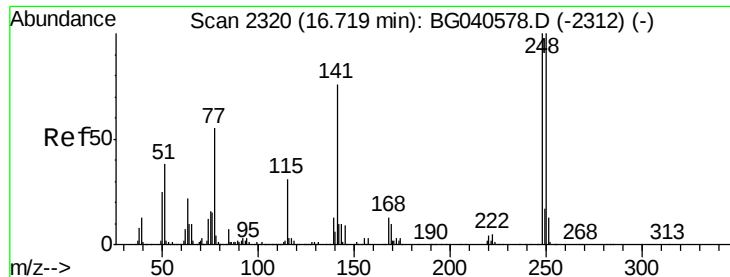


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

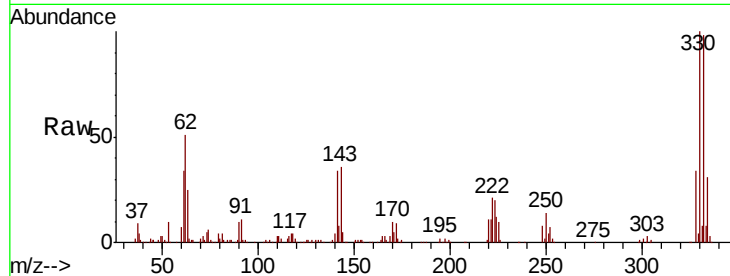




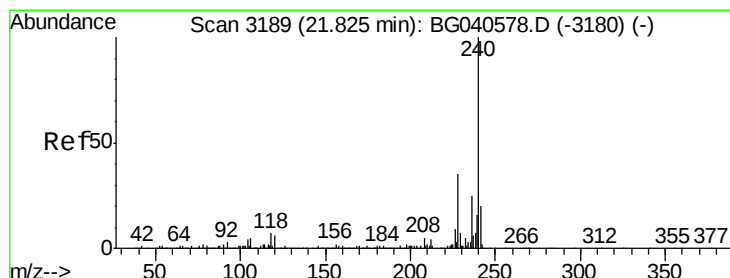
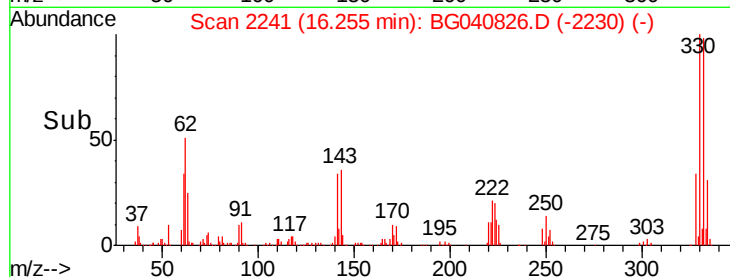
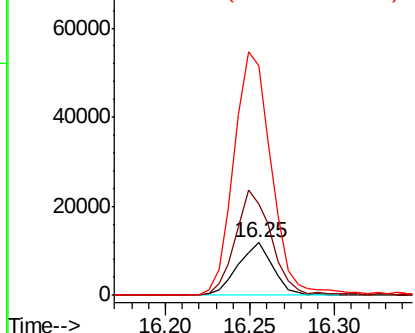
#67
 4-Bromophenyl-phenylether
 Concen: 3.246 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040826.D
 Acq: 9 May 2019 21:40

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS003-1218-01

Tgt Ion:248 Resp: 17175
 Ion Ratio Lower Upper
 248 100
 250 172.7 79.8 119.6#
 141 434.3 60.8 91.2#

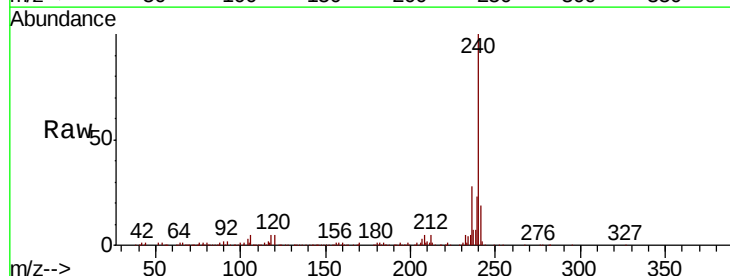


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

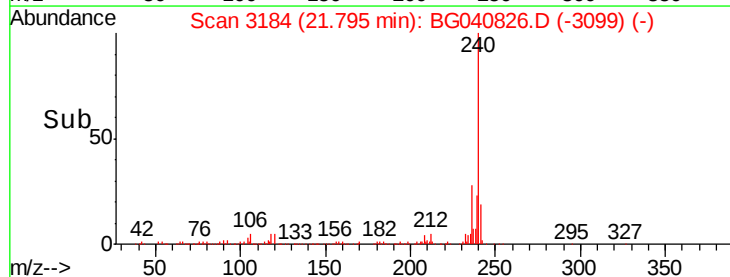
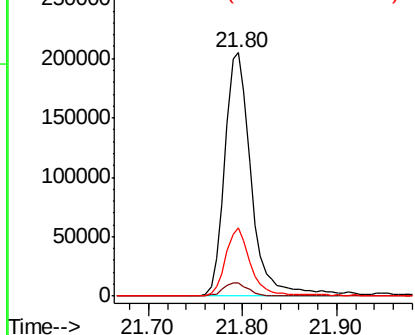


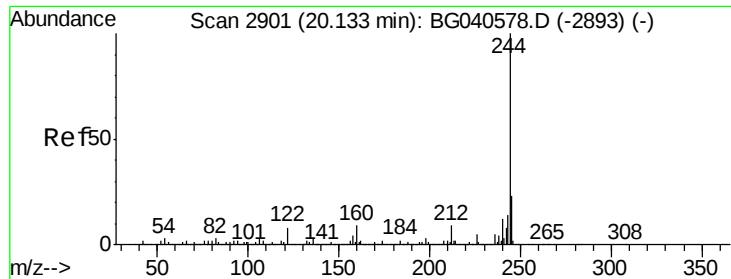
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040826.D
 Acq: 9 May 2019 21:40

Tgt Ion:240 Resp: 401832
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.0 7.6
 236 27.8 20.3 30.5



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: 69.044 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040826.D

Acq: 9 May 2019 21:40

Instrument :

BNA_G

ClientSampleId :

P021-SS003-1218-01

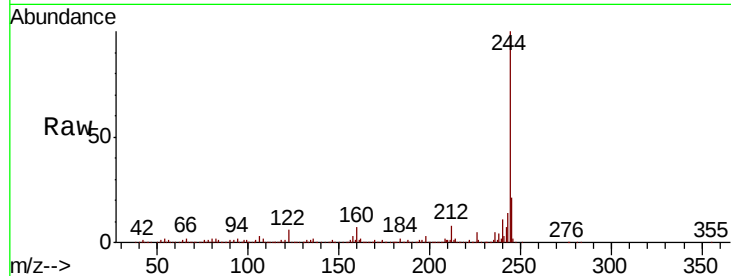
Tgt Ion:244 Resp: 1252316

Ion Ratio Lower Upper

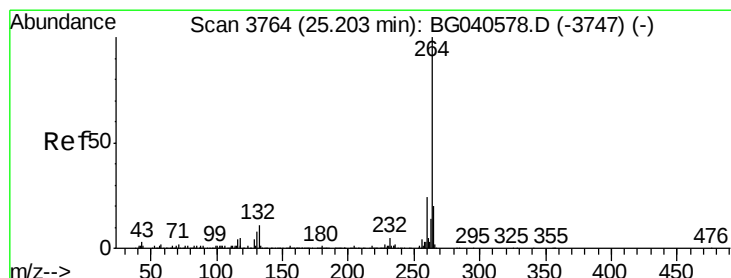
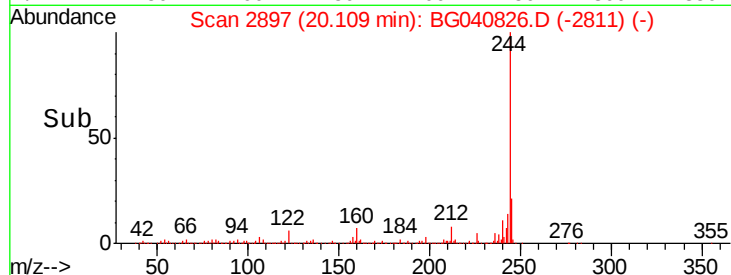
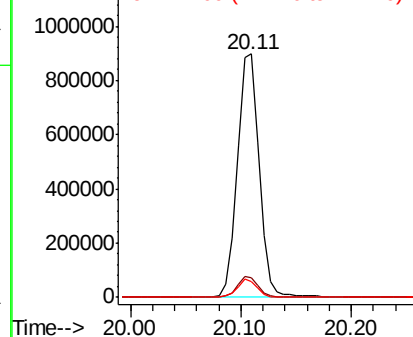
244 100

212 8.3 7.2 10.8

122 6.4 6.6 10.0#



Abundance Ion 244.00 (243.70 to 244.70): E
1200000
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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040826.D

Acq: 9 May 2019 21:40

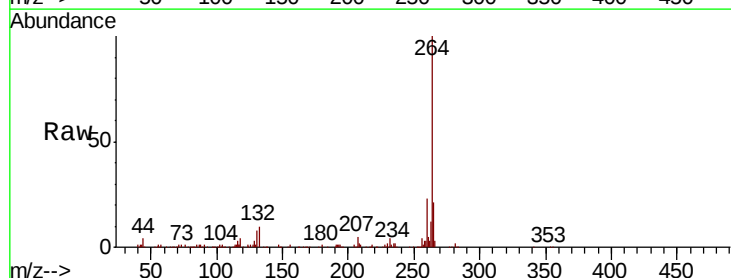
Tgt Ion:264 Resp: 325046

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.6 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E
120000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

