

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040904.D
 Acq On : 12 May 2019 11:38
 Operator : HP/JU
 Sample : K2768-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01

Quant Time: May 13 03:53:21 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

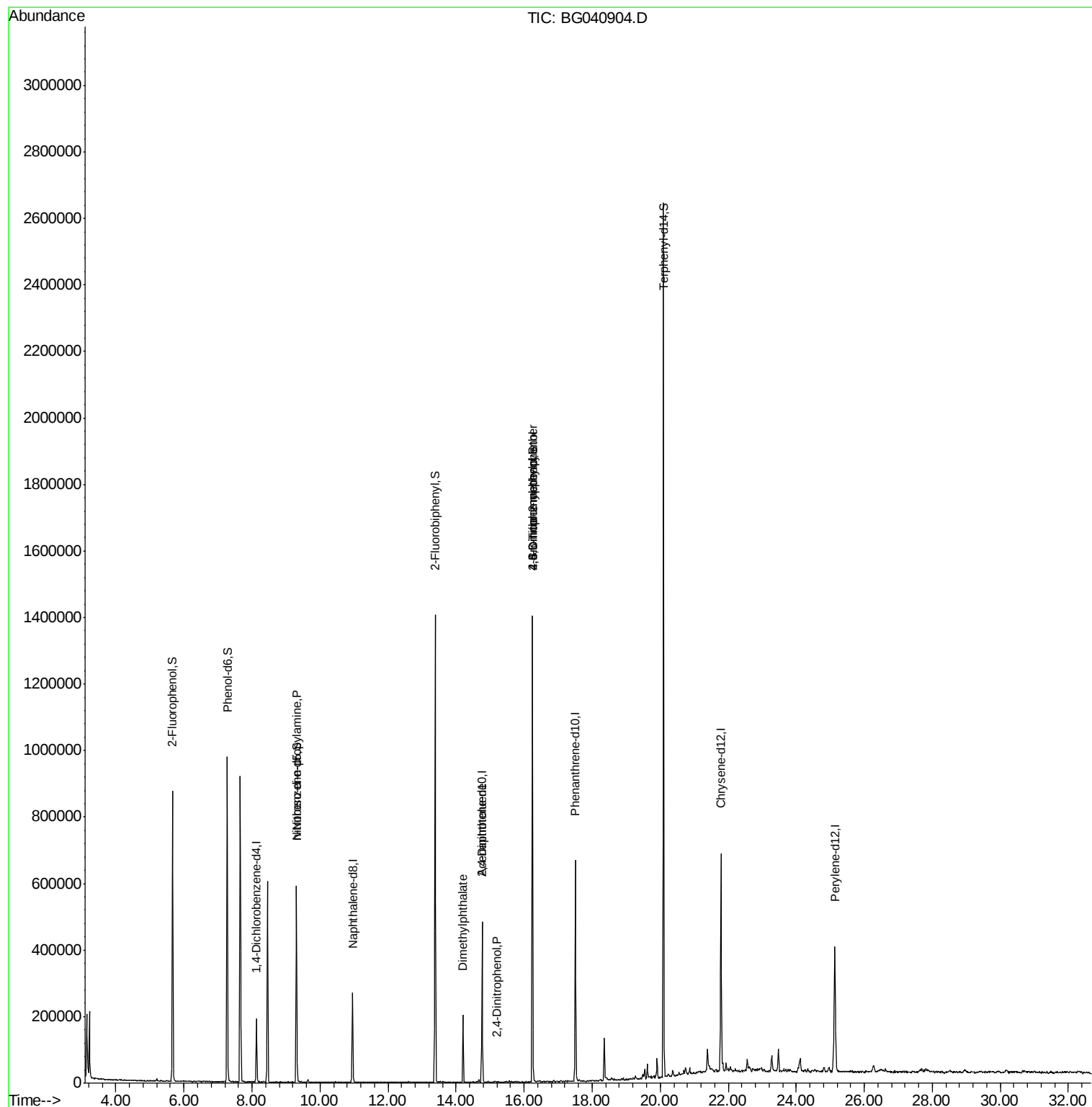
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50157	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	214227	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	158912	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	405823	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	411402	20.00	ng	-0.04
87) Perylene-d12	25.14	264	437682	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	333689	117.27	ng	-0.02
7) Phenol-d6	7.27	99	502024	114.59	ng	-0.02
23) Nitrobenzene-d5	9.31	82	349100	75.30	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	262739	120.29	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	712753	64.78	ng	-0.03
79) Terphenyl-d14	20.10	244	1212900	65.32	ng	-0.04
Target Compounds						
9) Benzaldehyde	7.27	77	1099	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.31	70	50175	12.723 ng	#	6
50) Dimethylphthalate	14.20	163	128746	9.683 ng	#	66
54) 2,4-Dinitrophenol	15.20	184	54	7.048 ng	#	96
57) 2,4-Dinitrotoluene	14.76	165	20967	5.946 ng	#	21
65) 4,6-Dinitro-2-methylphenol	16.25	198	1037	7.543 ng	#	15
67) 4-Bromophenyl-phenylether	16.25	248	20177	3.991 ng	#	81
					#	1

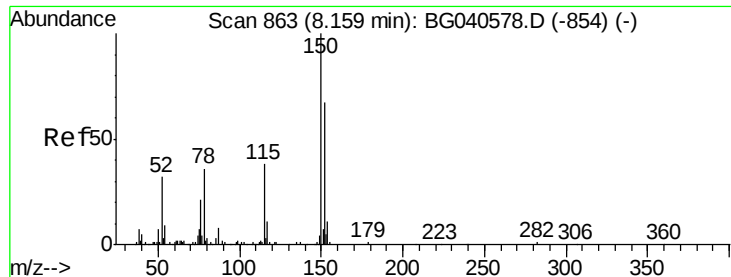
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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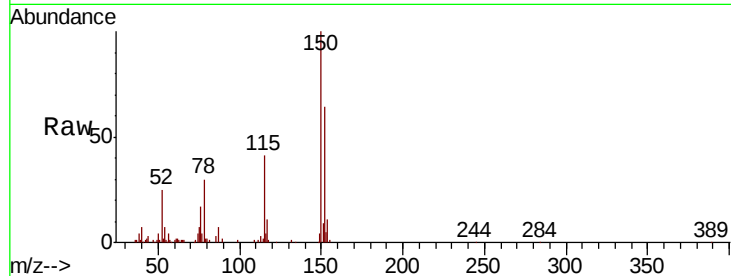


#1

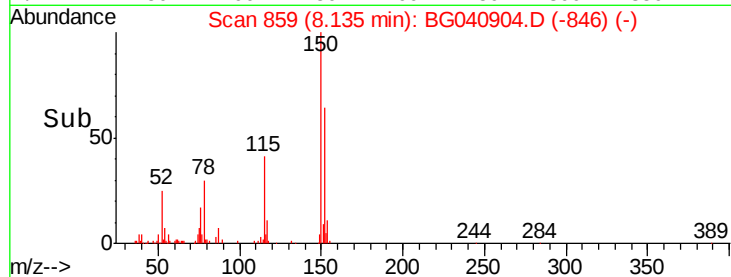
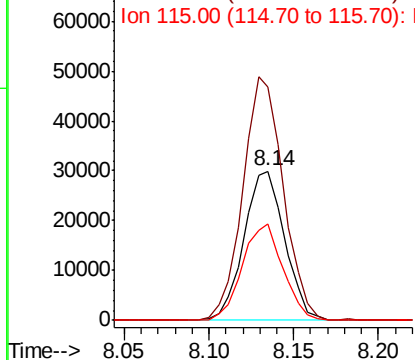
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:152 Resp: 50157
Ion Ratio Lower Upper
152 100
150 156.7 120.2 180.2
115 64.3 46.2 69.2



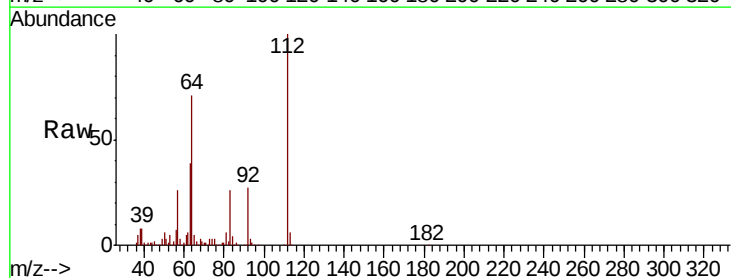
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



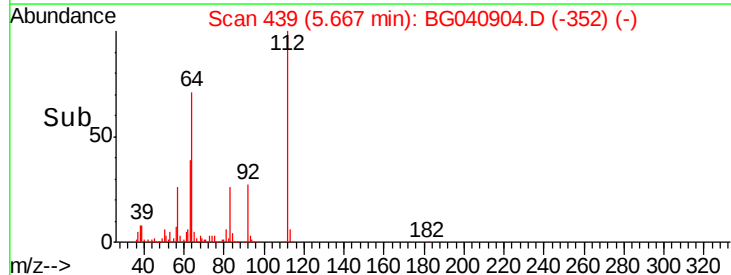
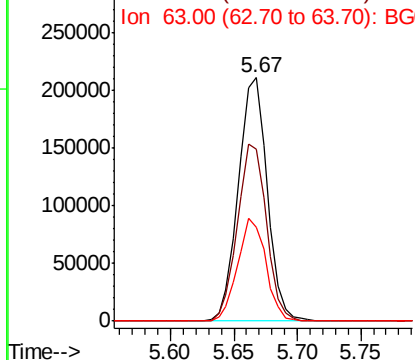
#5

2-Fluorophenol
Concen: 117.275 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion:112 Resp: 333689
Ion Ratio Lower Upper
112 100
64 70.8 61.4 92.0
63 38.6 37.8 56.6



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: 114.590 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040904.D

Acq: 12 May 2019 11:38

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-01

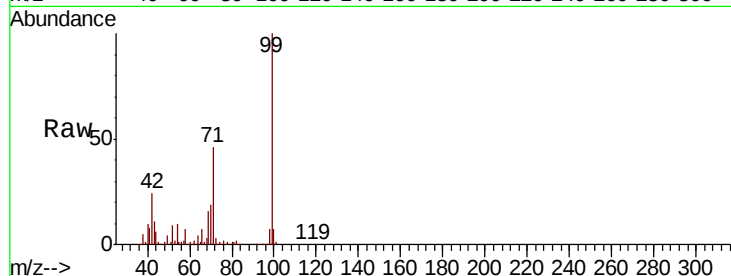
Tgt Ion: 99 Resp: 502024

Ion Ratio Lower Upper

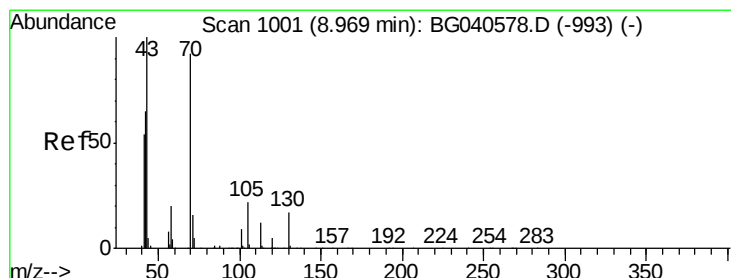
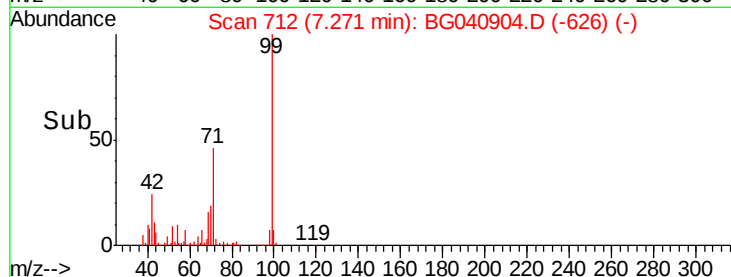
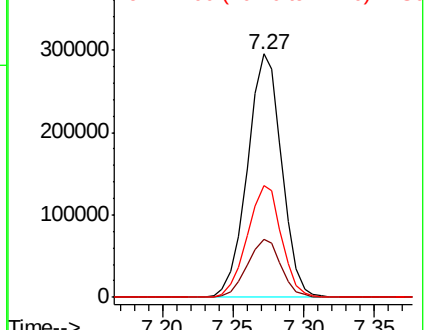
99 100

42 23.7 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: 12.723 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040904.D

Acq: 12 May 2019 11:38

Tgt Ion: 70 Resp: 50175

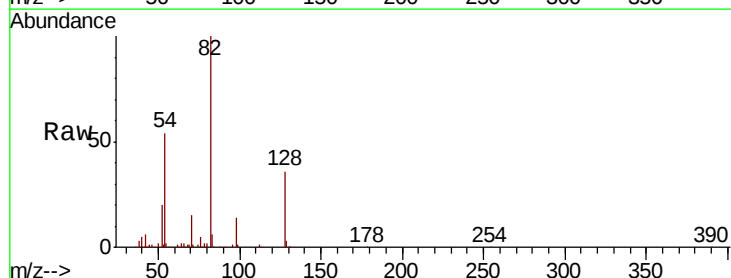
Ion Ratio Lower Upper

70 100

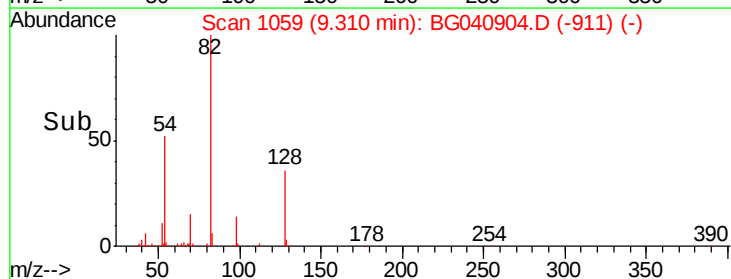
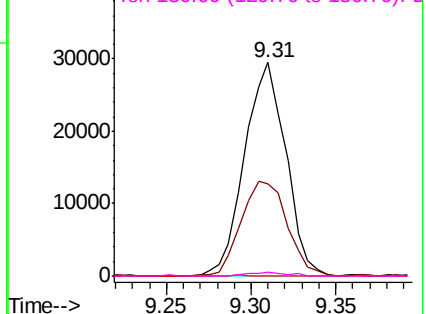
42 43.2 57.1 85.7#

101 0.0 7.8 11.8#

130 1.9 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

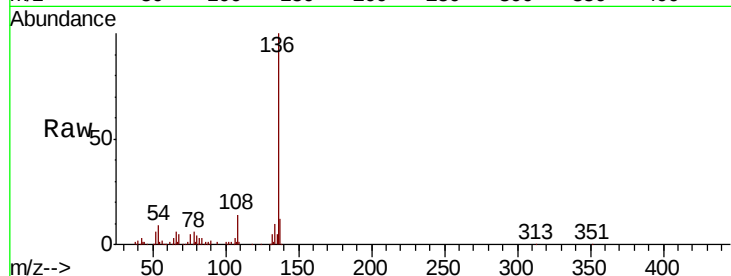




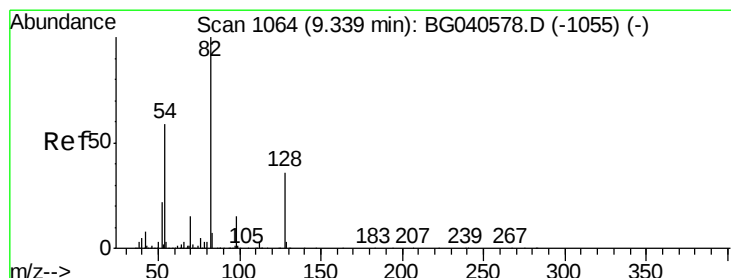
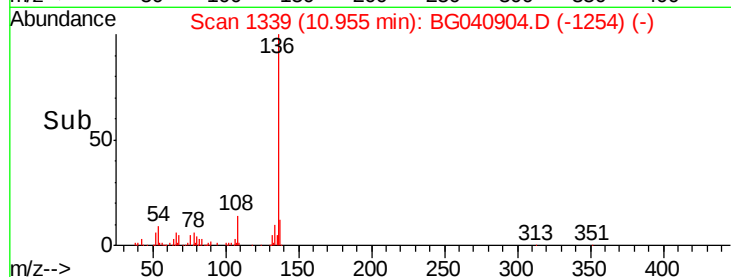
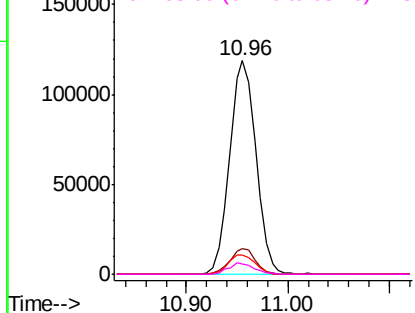
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:	136	Resp:	214227
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	8.8	8.6	12.8
68	4.9	4.8	7.2

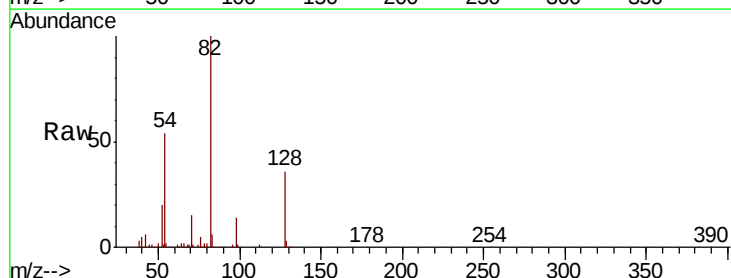


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

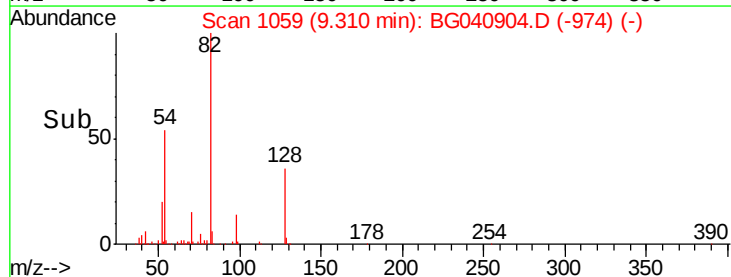
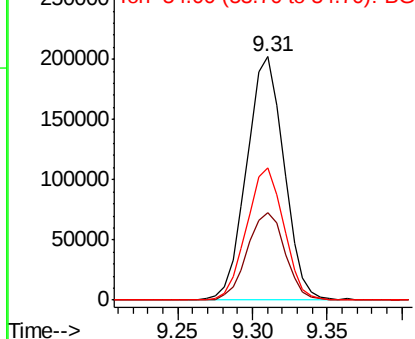


#23
Nitrobenzene-d5
Concen: 75.297 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion:	82	Resp:	349100
Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	54.2	47.2	70.8



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: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040904.D

Acq: 12 May 2019 11:38

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-01

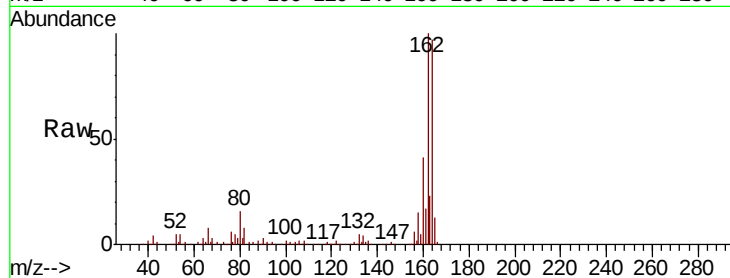
Tgt Ion:164 Resp: 158912

Ion Ratio Lower Upper

164 100

162 102.7 81.9 122.9

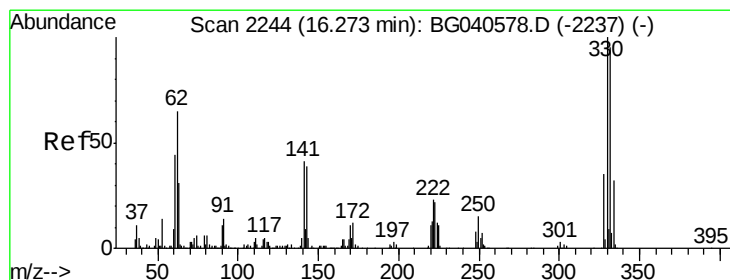
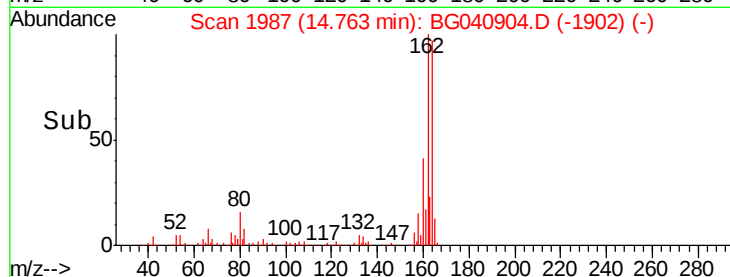
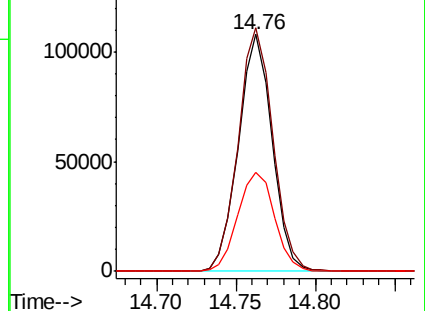
160 42.0 35.4 53.2



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: 120.286 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040904.D

Acq: 12 May 2019 11:38

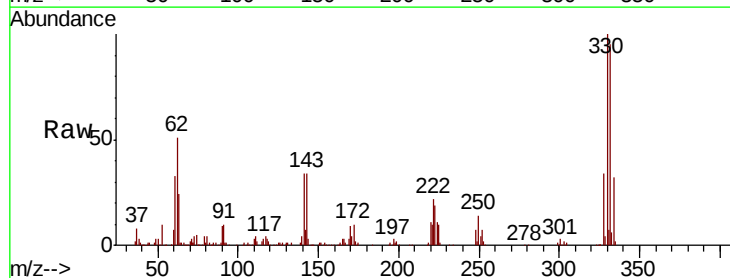
Tgt Ion:330 Resp: 262739

Ion Ratio Lower Upper

330 100

332 95.6 75.9 113.9

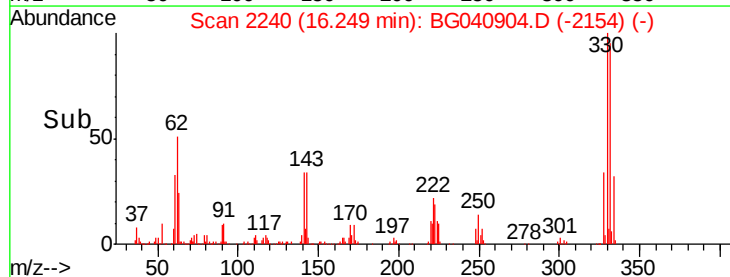
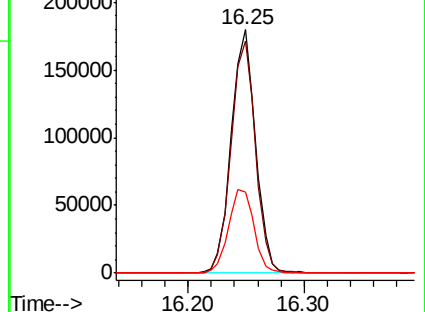
141 35.9 32.4 48.6



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

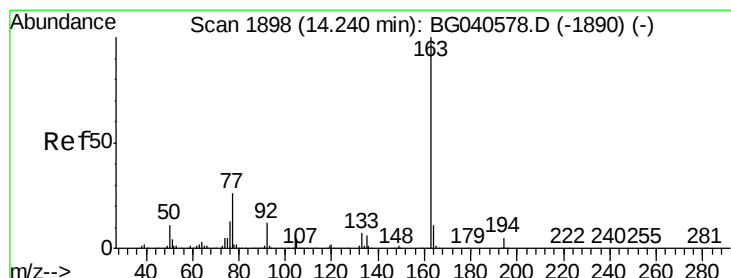
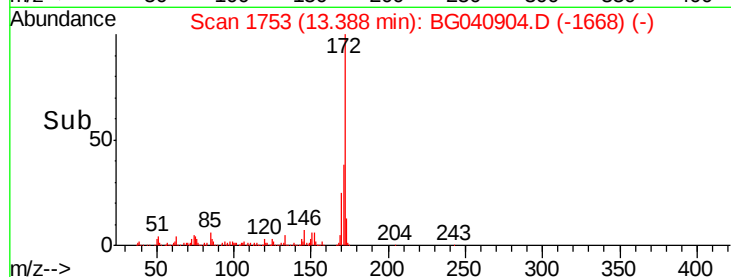
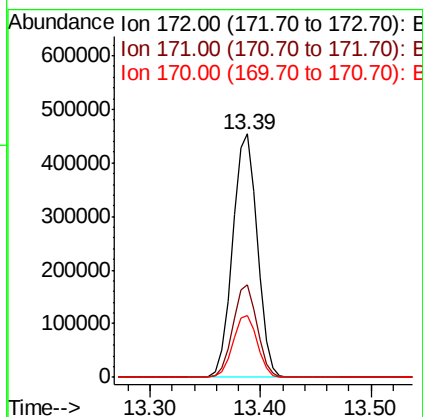
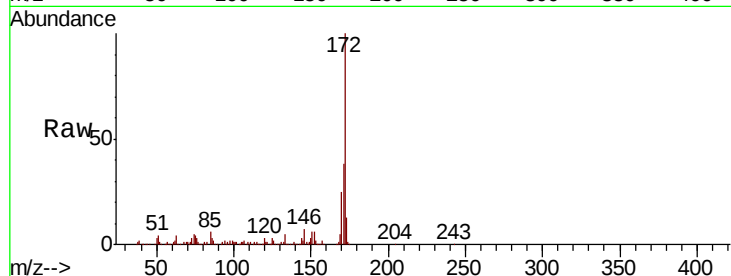




#45
2-Fluorobiphenyl
Concen: 64.775 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

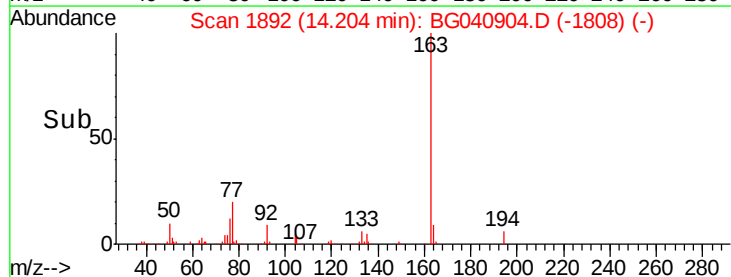
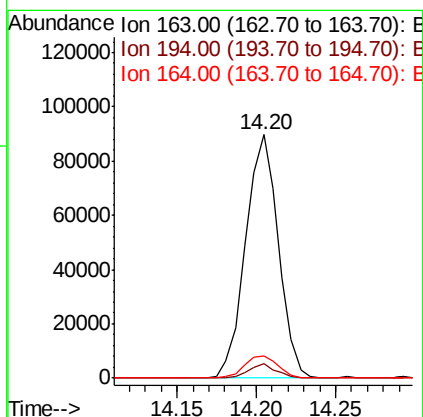
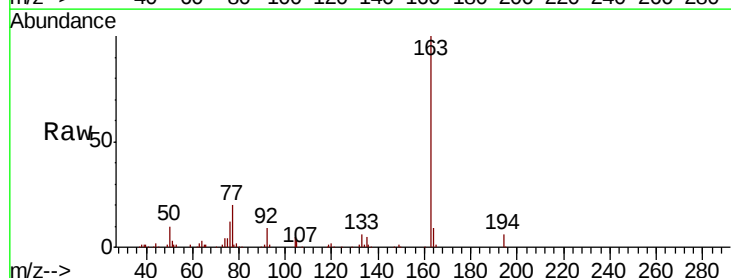
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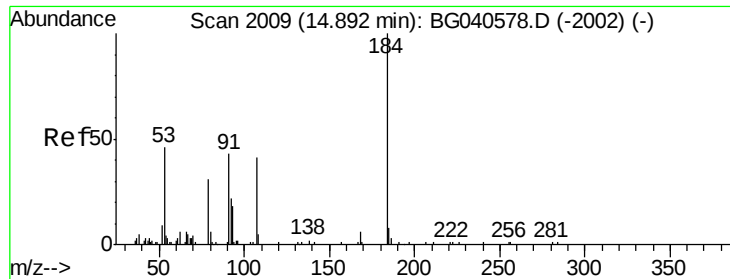
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.4	19.9	29.9



#50
Dimethylphthalate
Concen: 9.683 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.8	5.8
164	9.2	8.8	13.2

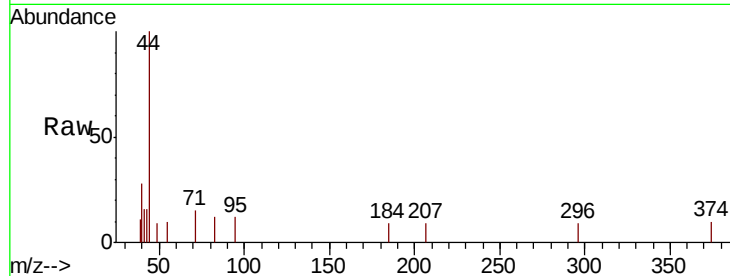




#54
2,4-Dinitrophenol
Concen: 7.048 ng
RT: 15.20 min Scan# 2062
Delta R.T. 0.31 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

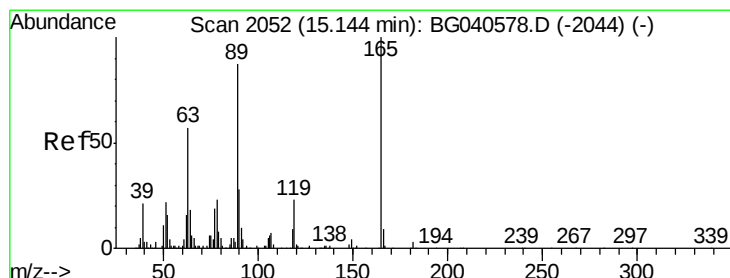
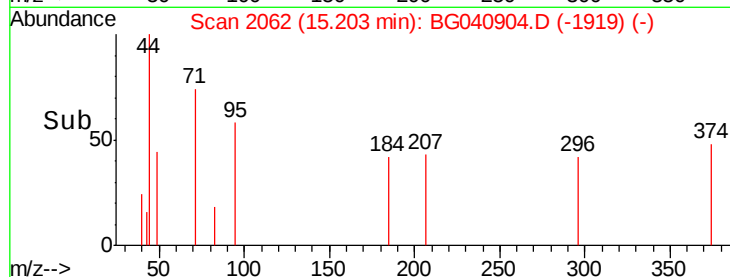
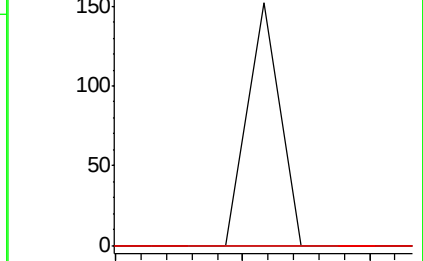
Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#



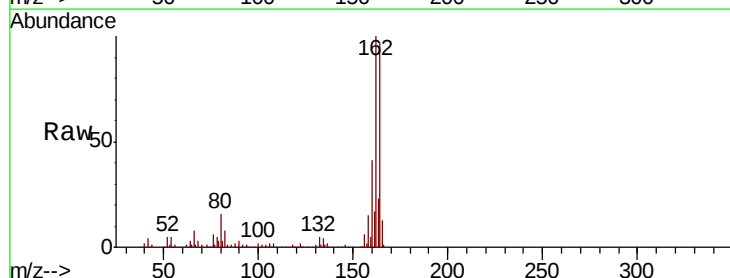
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

15.20



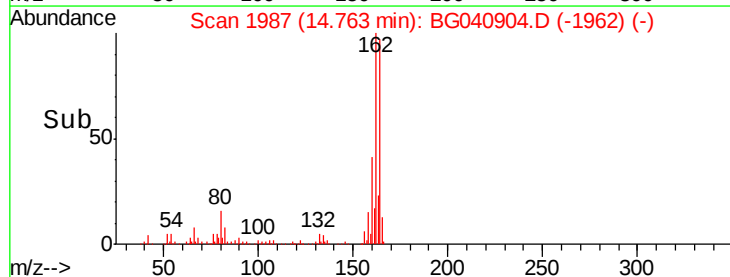
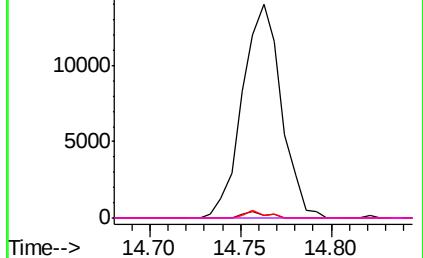
#57
2,4-Dinitrotoluene
Concen: 5.946 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.38 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

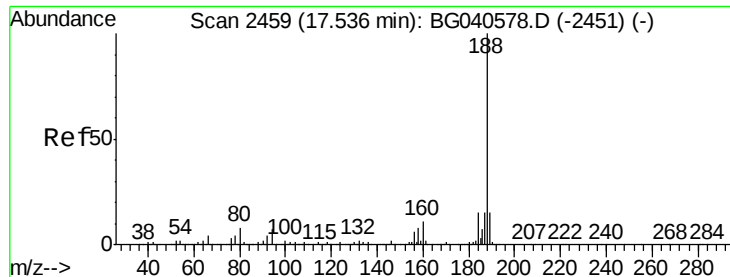
Tgt Ion:165 Resp: 20967
Ion Ratio Lower Upper
165 100
63 1.3 45.8 68.8#
89 1.1 69.4 104.2#
182 0.0 2.2 3.4#



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
Ion 182.00 (181.70 to 182.70): E

14.76





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040904.D

Acq: 12 May 2019 11:38

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-01

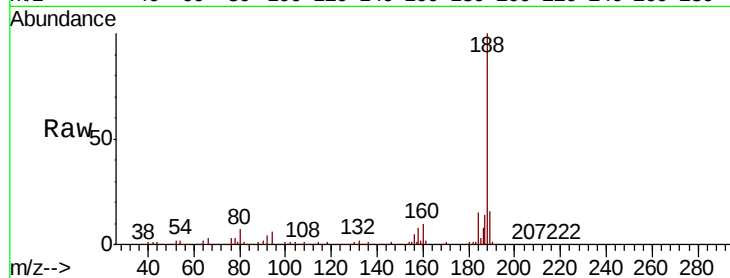
Tgt Ion:188 Resp: 405823

Ion Ratio Lower Upper

188 100

94 6.4 5.6 8.4

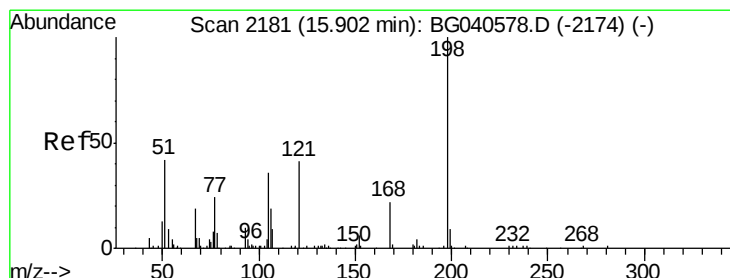
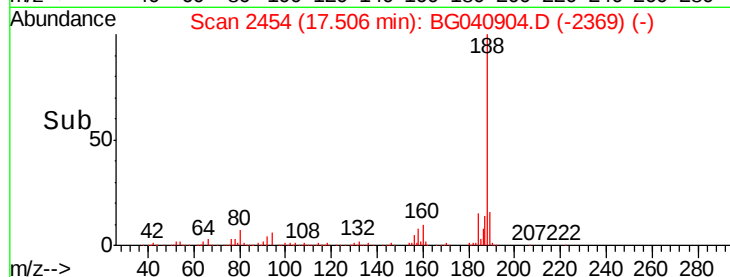
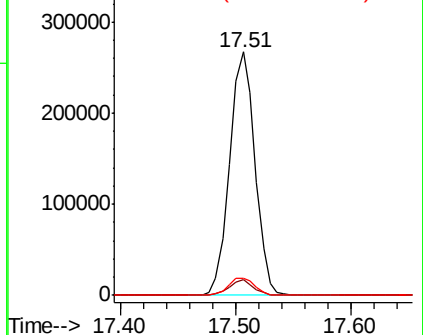
80 7.2 6.4 9.6



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: 7.543 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.35 min

Lab File: BG040904.D

Acq: 12 May 2019 11:38

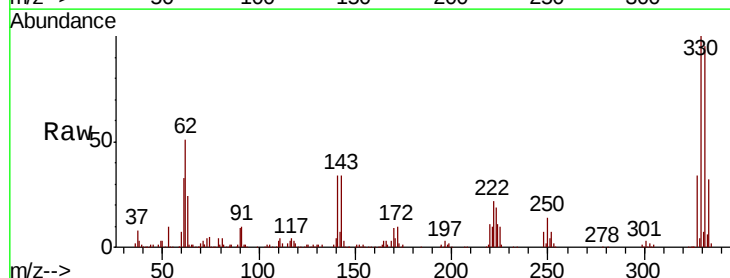
Tgt Ion:198 Resp: 1037

Ion Ratio Lower Upper

198 100

51 51.6 35.9 75.9

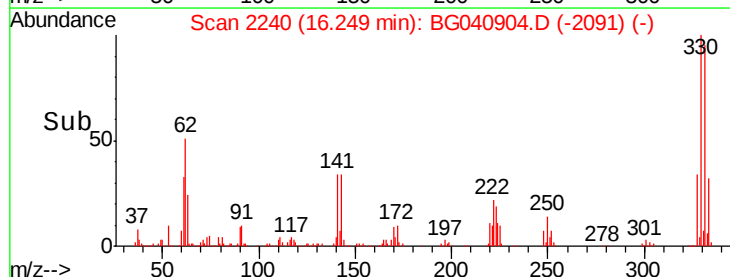
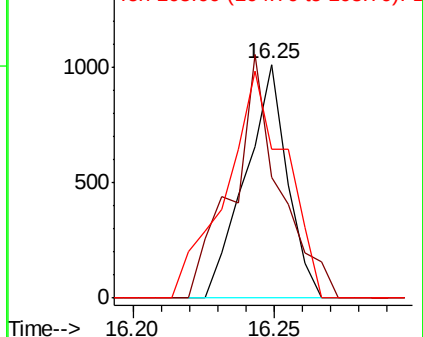
105 63.7 21.2 61.2#

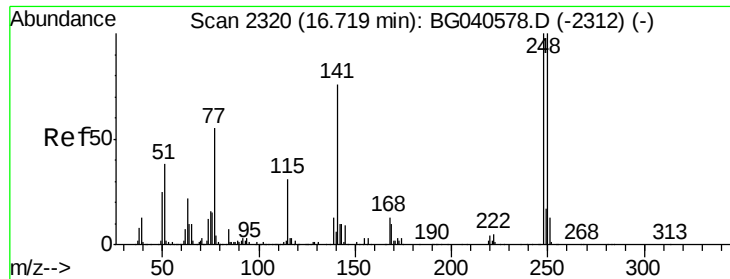


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

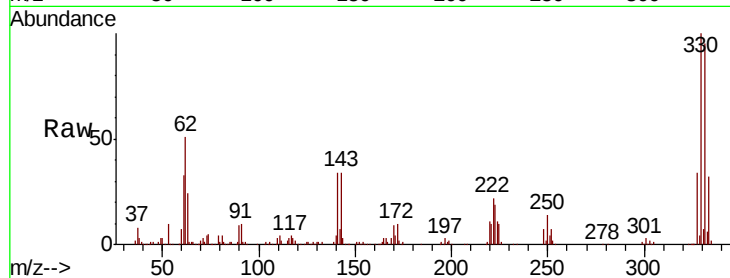




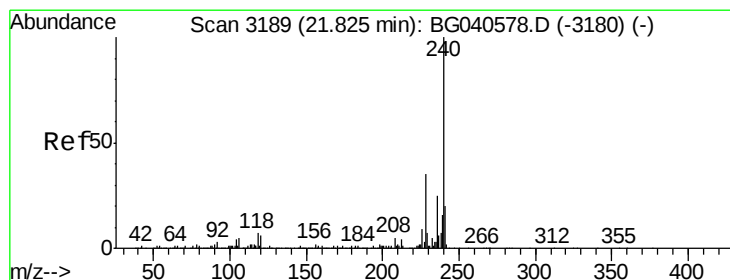
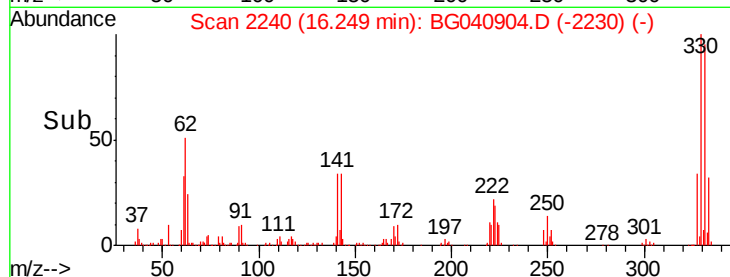
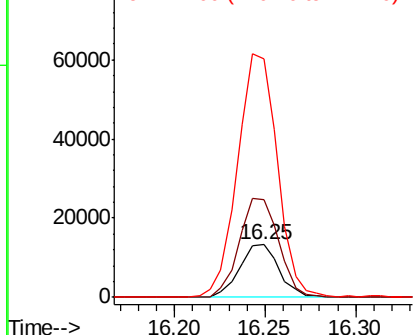
#67
 4-Bromophenyl-phenylether
 Concen: 3.991 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.47 min
 Lab File: BG040904.D
 Acq: 12 May 2019 11:38

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01

Tgt Ion:248 Resp: 20177
 Ion Ratio Lower Upper
 248 100
 250 187.5 79.8 119.6#
 141 455.7 60.8 91.2#

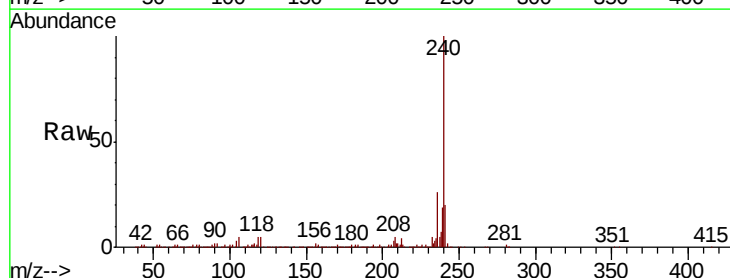


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

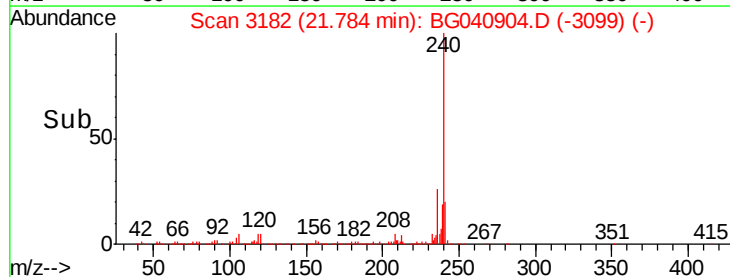
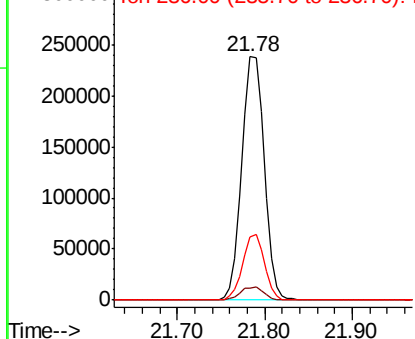


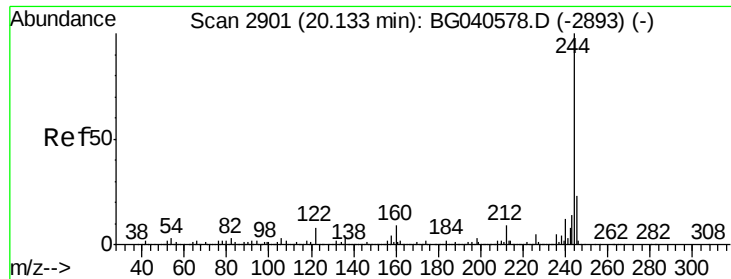
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.04 min
 Lab File: BG040904.D
 Acq: 12 May 2019 11:38

Tgt Ion:240 Resp: 411402
 Ion Ratio Lower Upper
 240 100
 120 5.0 5.0 7.6#
 236 26.2 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: 65.315 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.04 min

Lab File: BG040904.D

Acq: 12 May 2019 11:38

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-01

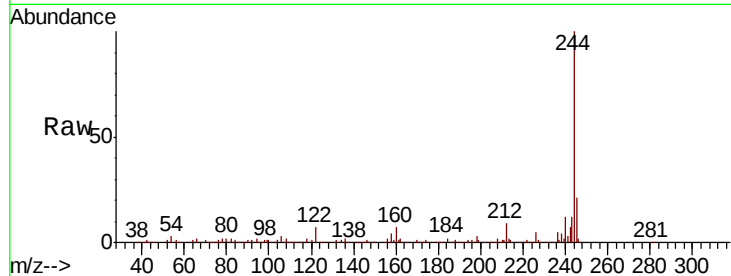
Tgt Ion:244 Resp: 1212900

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

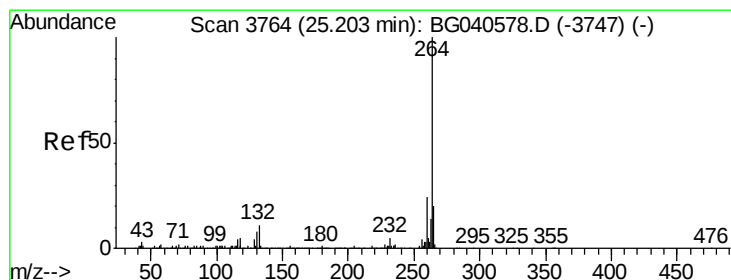
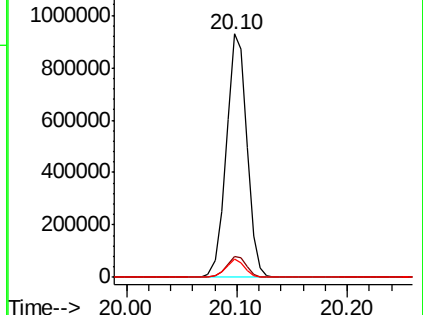
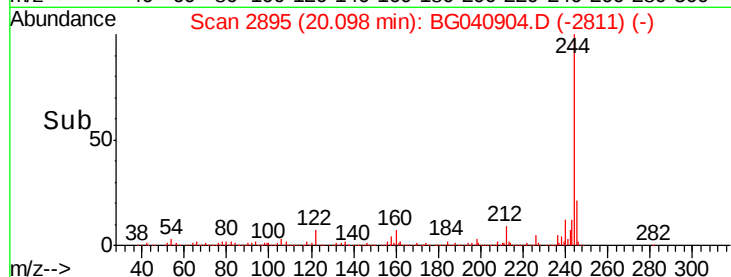
122 7.5 6.6 10.0



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: 25.14 min Scan# 3753

Delta R.T. -0.06 min

Lab File: BG040904.D

Acq: 12 May 2019 11:38

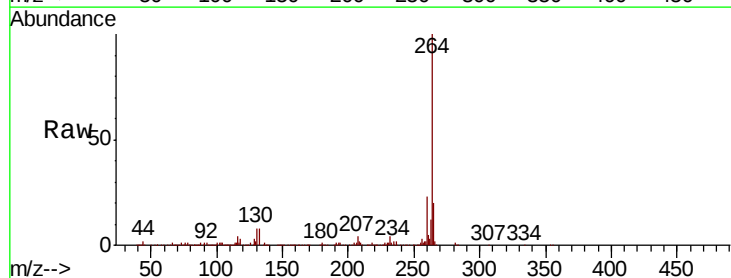
Tgt Ion:264 Resp: 437682

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.1 16.6 25.0



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

