

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040880.D
 Acq On : 11 May 2019 19:13
 Operator : HP/JU
 Sample : K2767-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS012-1824-01

Quant Time: May 12 04:59:42 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

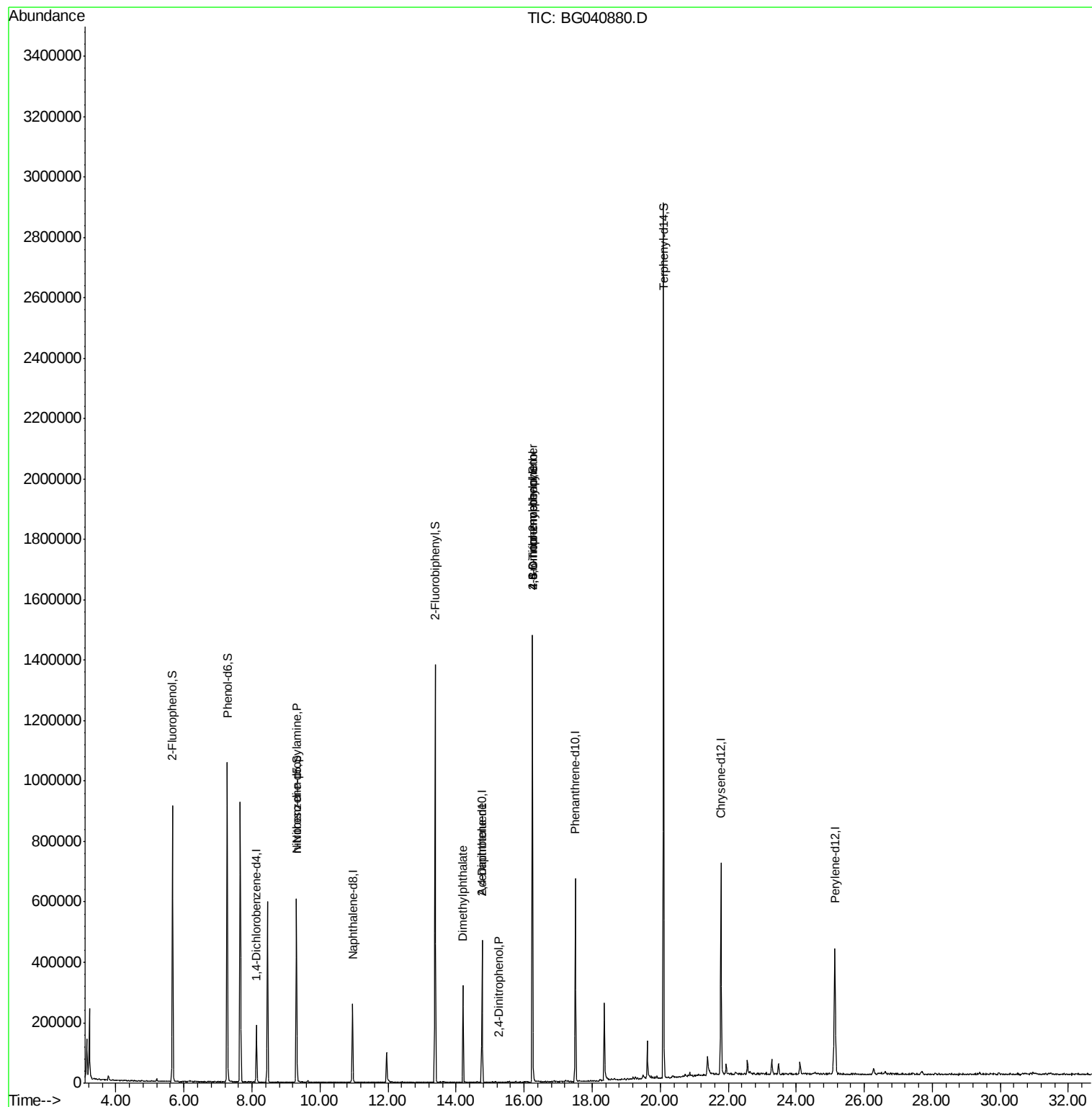
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50383	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	198343	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	155207	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	412146	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	444901	20.00	ng	-0.04
87) Perylene-d12	25.13	264	461336	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	351703	123.05	ng	-0.02
7) Phenol-d6	7.27	99	545806	124.02	ng	-0.02
23) Nitrobenzene-d5	9.31	82	362497	84.45	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	281551	131.98	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	699731	65.11	ng	-0.03
79) Terphenyl-d14	20.10	244	1381941	68.81	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	981	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.31	70	52778	13.323 ng	#	6
50) Dimethylphthalate	14.20	163	194375	14.968 ng	#	72
54) 2,4-Dinitrophenol	15.26	184	56	7.050 ng	#	99
57) 2,4-Dinitrotoluene	14.76	165	19308	5.606 ng	#	21
65) 4,6-Dinitro-2-methylphenol	16.25	198	645	7.372 ng	#	17
67) 4-Bromophenyl-phenylether	16.24	248	20518	3.996 ng	#	1

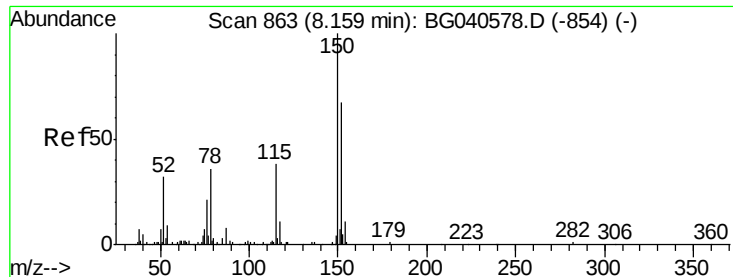
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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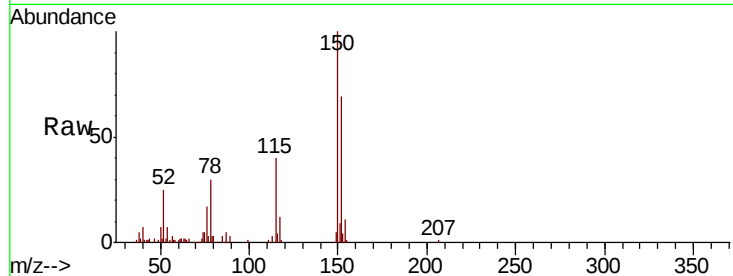


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.5	120.2	180.2
115	57.2	46.2	69.2

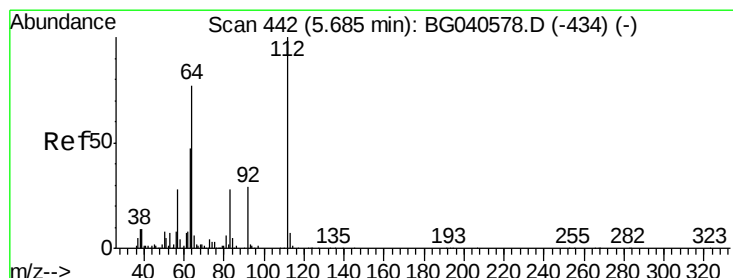
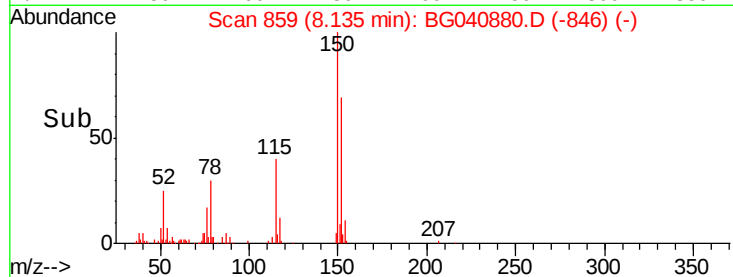
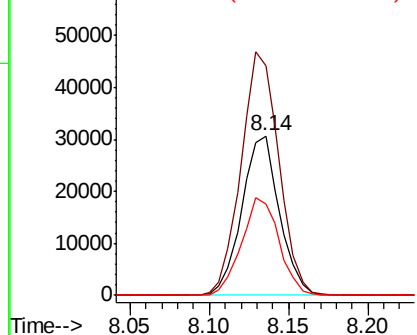


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

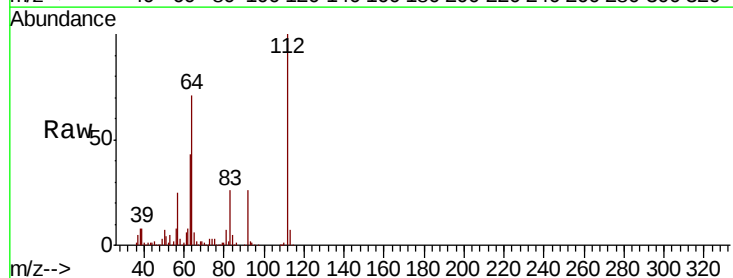
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.051 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	61.4	92.0
63	42.9	37.8	56.6

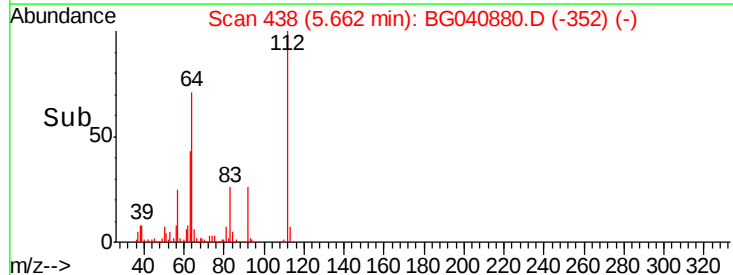
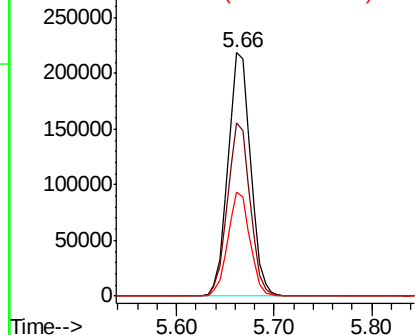


Abundance

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: 124.025 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1824-01

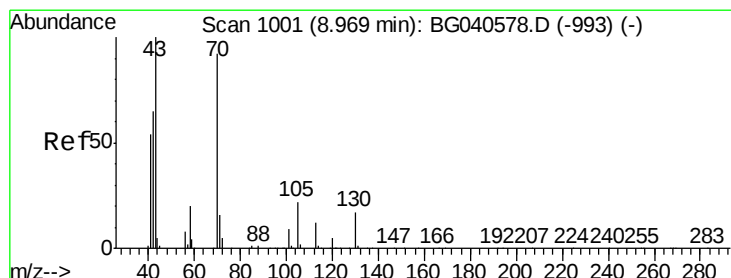
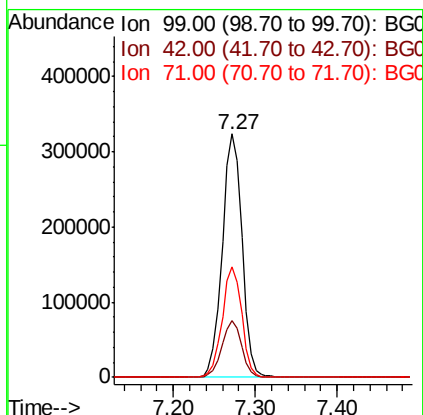
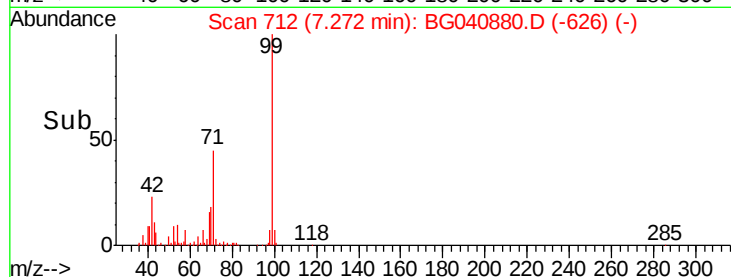
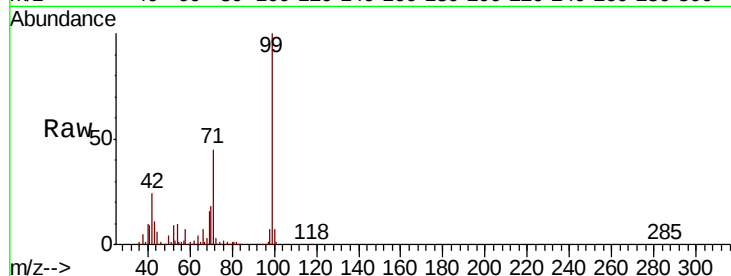
Tgt Ion: 99 Resp: 545806

Ion Ratio Lower Upper

99 100

42 23.5 21.8 32.8

71 45.2 38.6 57.8



#19

n-Nitroso-di-n-propylamine

Concen: 13.323 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

Tgt Ion: 70 Resp: 52778

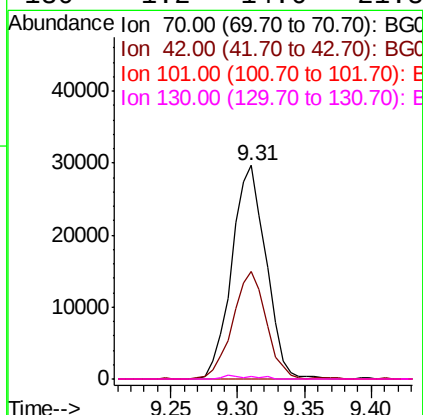
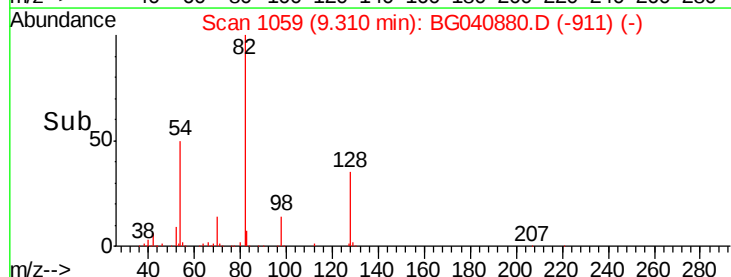
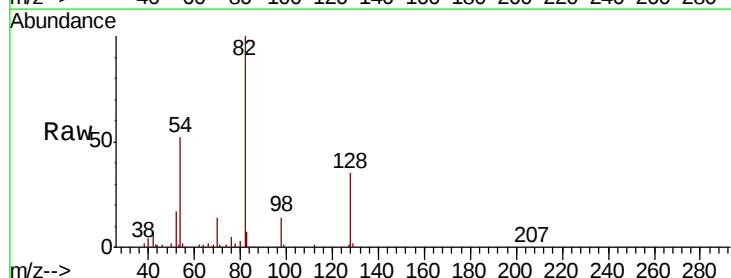
Ion Ratio Lower Upper

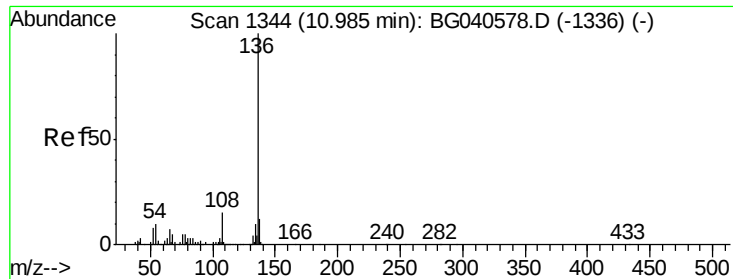
70 100

42 50.6 57.1 85.7#

101 0.0 7.8 11.8#

130 1.2 14.6 21.8#

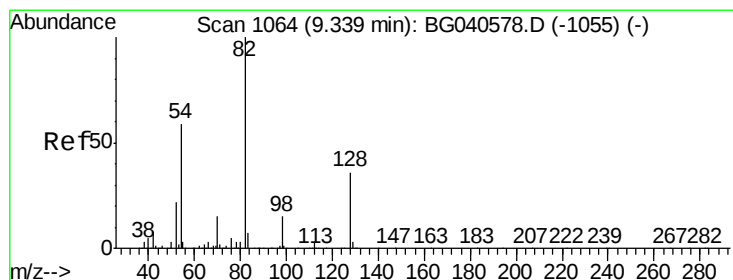
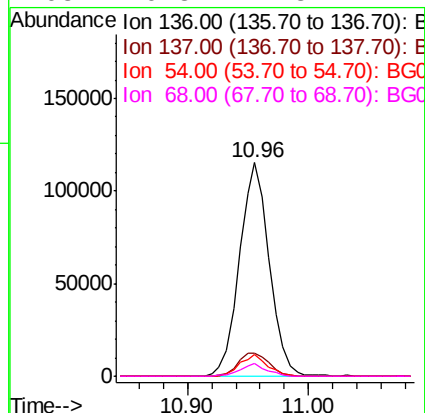
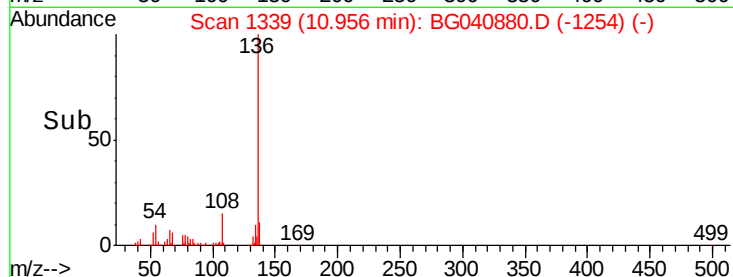
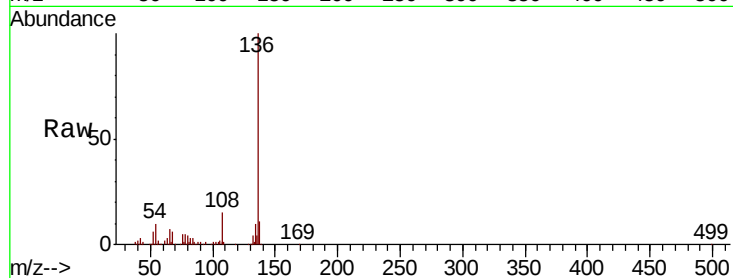




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

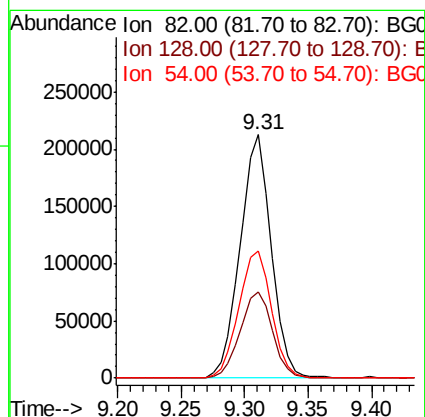
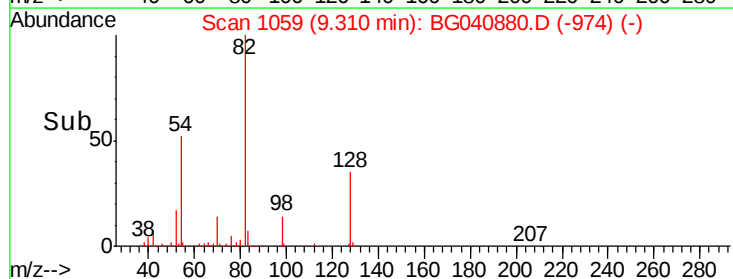
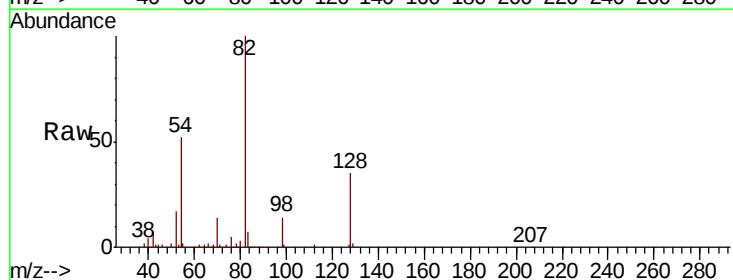
Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

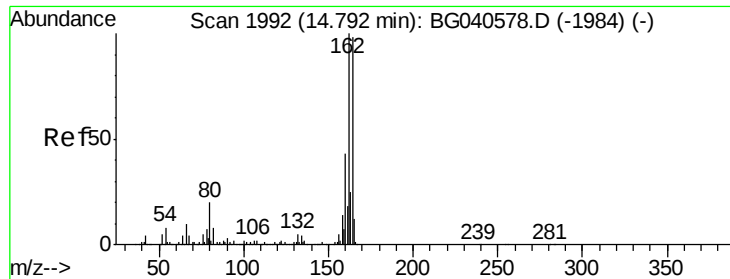
Tgt Ion:	136	Resp:	198343
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.7	14.5
54	10.0	8.6	12.8
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 84.448 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:	82	Resp:	362497
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	52.5	47.2	70.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1824-01

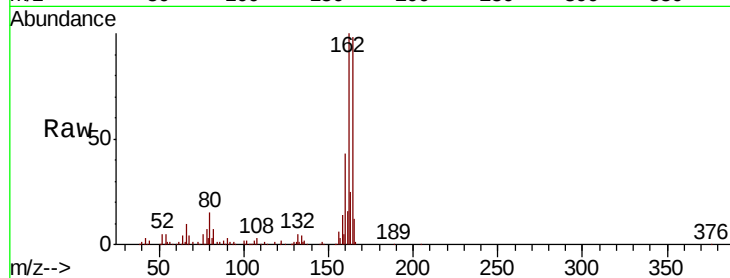
Tgt Ion:164 Resp: 155207

Ion Ratio Lower Upper

164 100

162 101.8 81.9 122.9

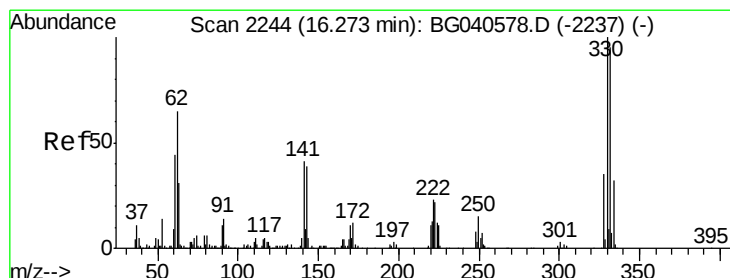
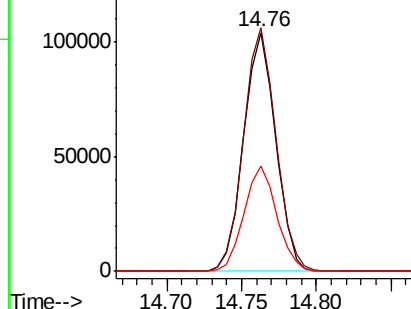
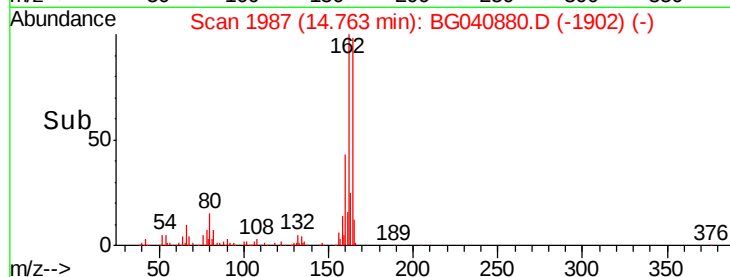
160 43.9 35.4 53.2



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: 131.976 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

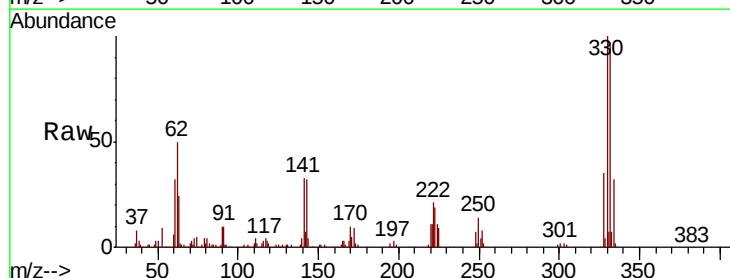
Tgt Ion:330 Resp: 281551

Ion Ratio Lower Upper

330 100

332 96.6 75.9 113.9

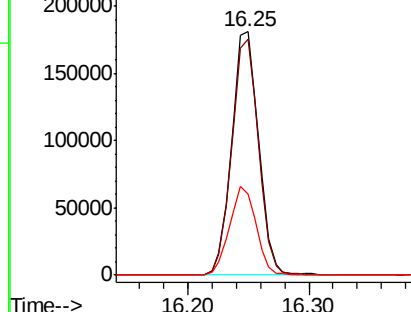
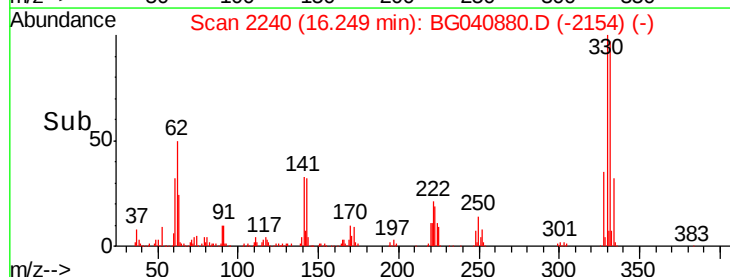
141 36.0 32.4 48.6

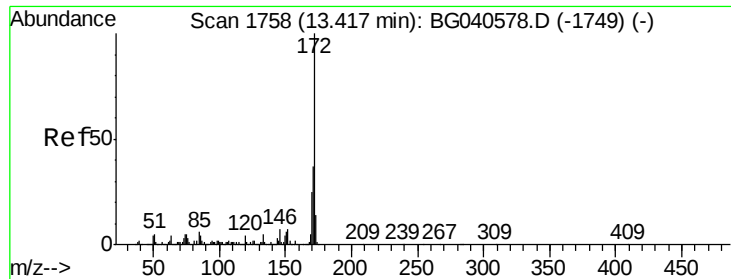


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

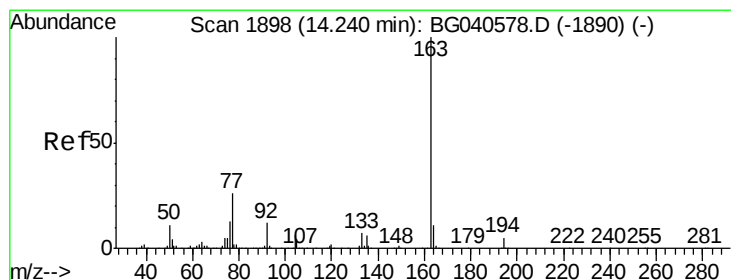
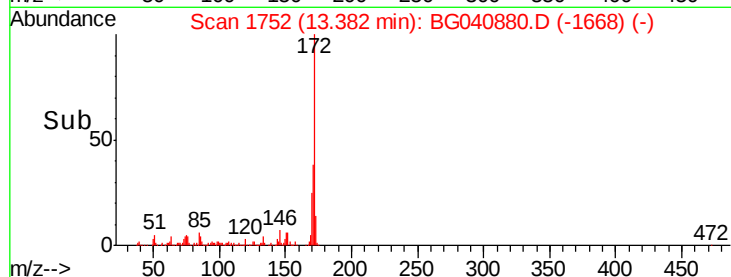
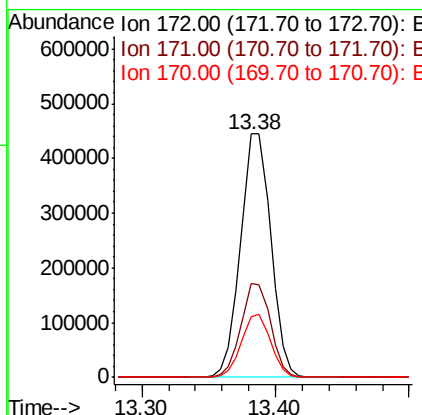
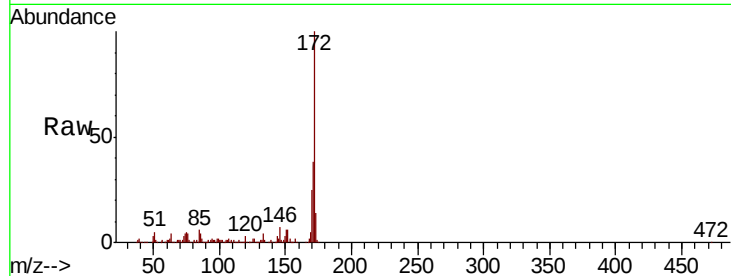




#45
 2-Fluorobiphenyl
 Concen: 65.110 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040880.D
 Acq: 11 May 2019 19:13

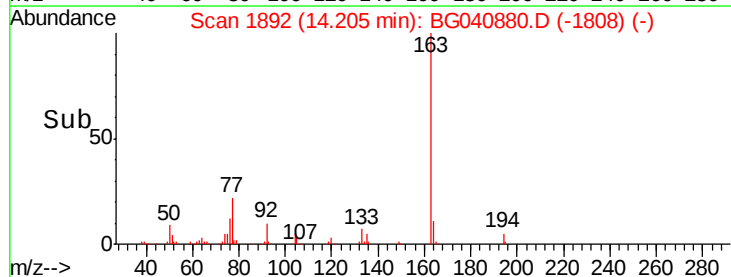
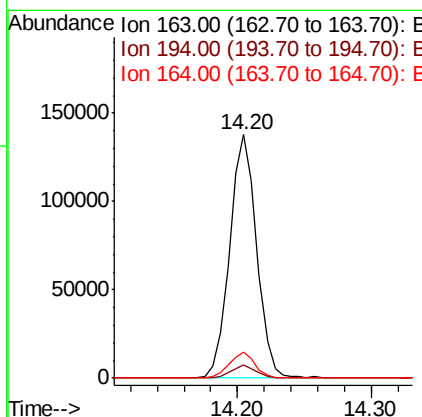
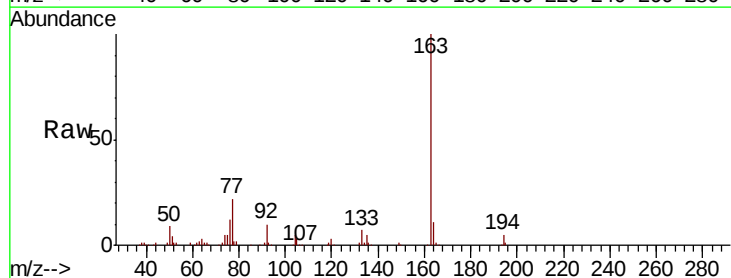
Instrument :
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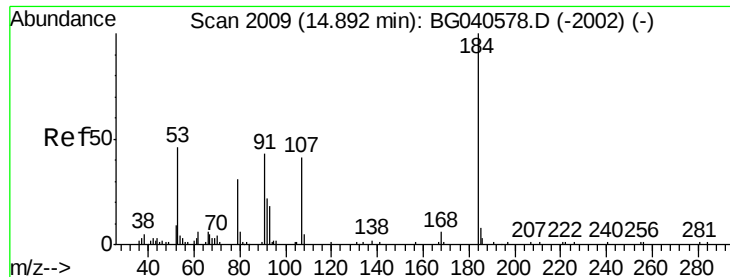
Tgt Ion:	172	Resp:	699731
Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	24.8	19.9	29.9



#50
 Dimethylphthalate
 Concen: 14.968 ng
 RT: 14.20 min Scan# 1892
 Delta R.T. -0.03 min
 Lab File: BG040880.D
 Acq: 11 May 2019 19:13

Tgt Ion:	163	Resp:	194375
Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.8
164	10.6	8.8	13.2

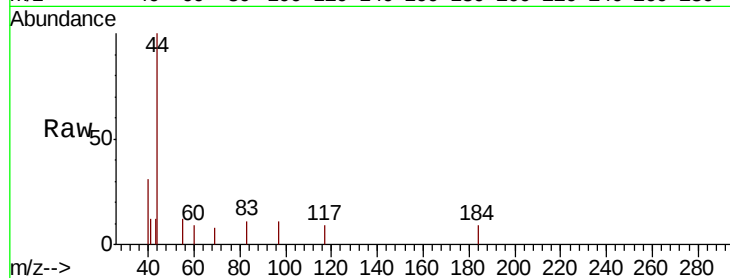




#54
2,4-Dinitrophenol
Concen: 7.050 ng
RT: 15.26 min Scan# 2071
Delta R.T. 0.37 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

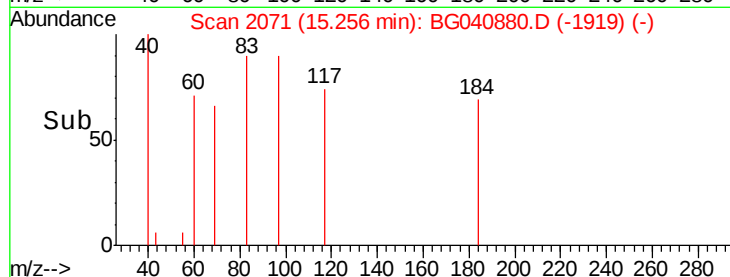
Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#

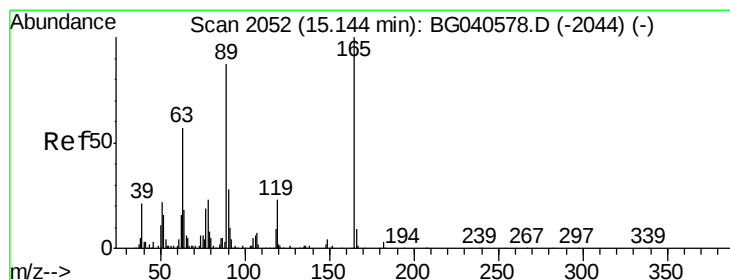


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

15.26

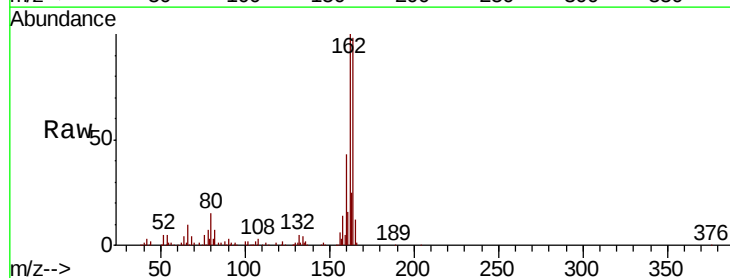


Time--> 15.24 15.26



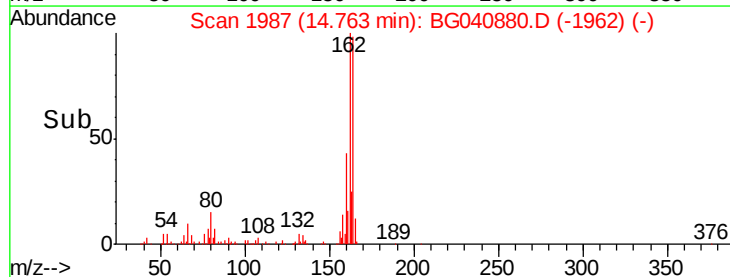
#57
2,4-Dinitrotoluene
Concen: 5.606 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.38 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:165 Resp: 19308
Ion Ratio Lower Upper
165 100
63 3.3 45.8 68.8#
89 1.8 69.4 104.2#
182 0.0 2.2 3.4#

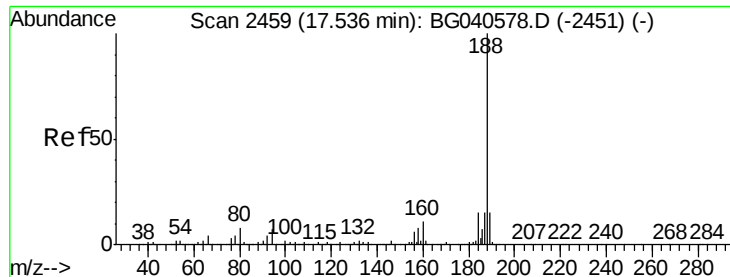


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

14.76



Time--> 14.70 14.75 14.80



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1824-01

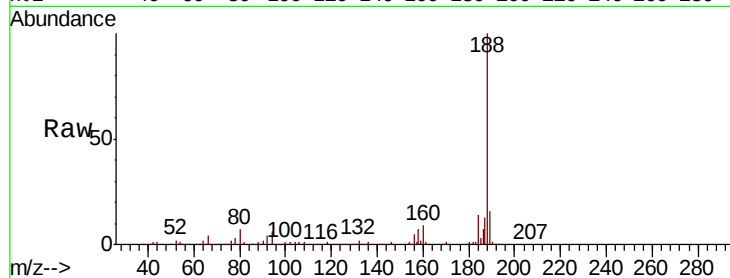
Tgt Ion:188 Resp: 412146

Ion Ratio Lower Upper

188 100

94 5.8 5.6 8.4

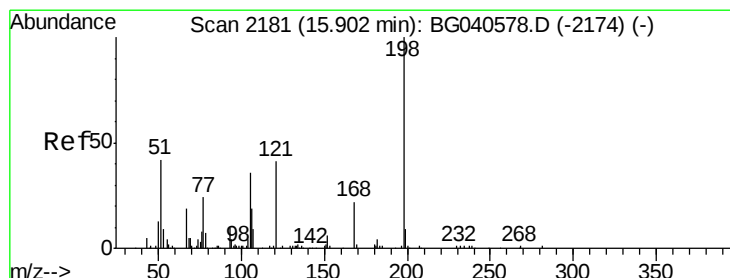
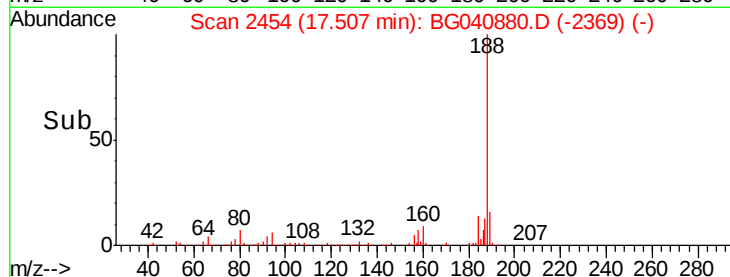
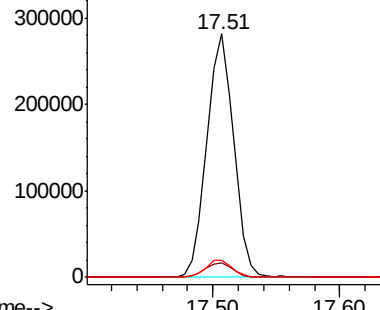
80 7.2 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 7.372 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.35 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

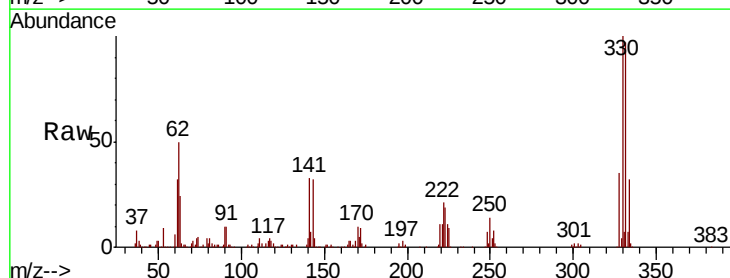
Tgt Ion:198 Resp: 645

Ion Ratio Lower Upper

198 100

51 132.8 35.9 75.9#

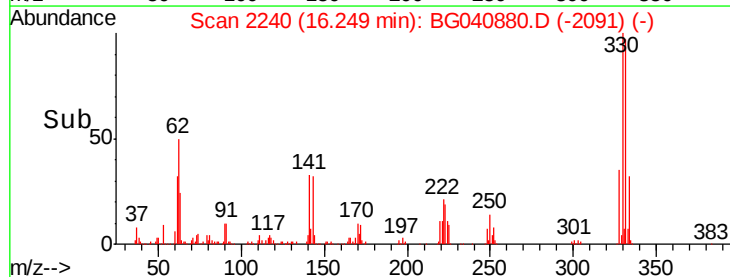
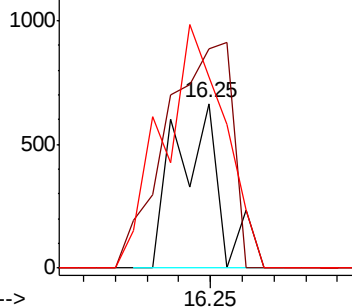
105 116.2 21.2 61.2#

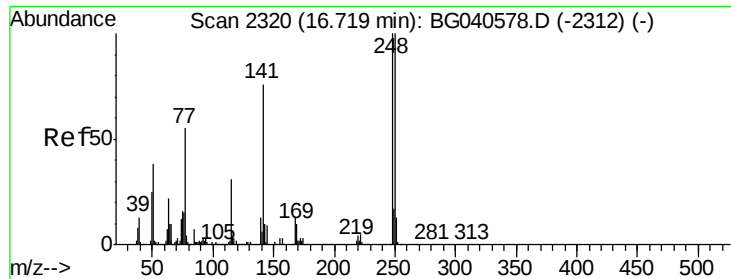


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

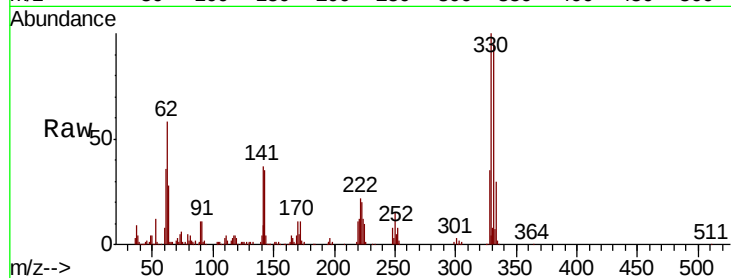




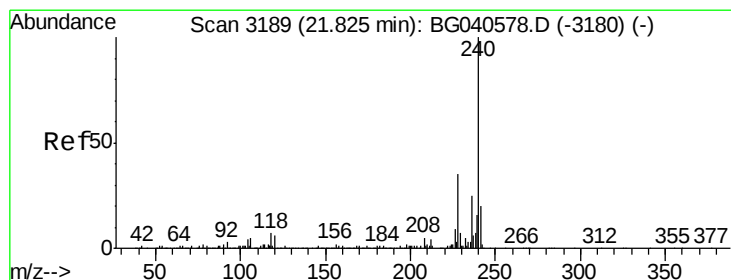
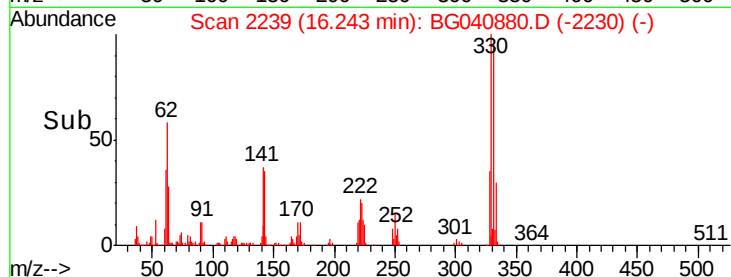
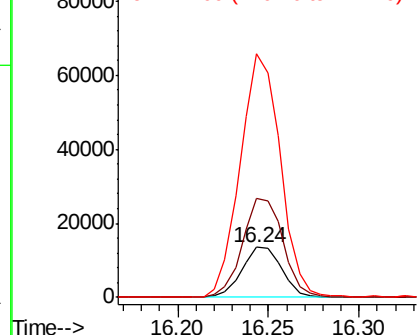
#67
 4-Bromophenyl-phenylether
 Concen: 3.996 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.48 min
 Lab File: BG040880.D
 Acq: 11 May 2019 19:13

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS012-1824-01

Tgt Ion:248 Resp: 20518
 Ion Ratio Lower Upper
 248 100
 250 197.7 79.8 119.6#
 141 488.2 60.8 91.2#

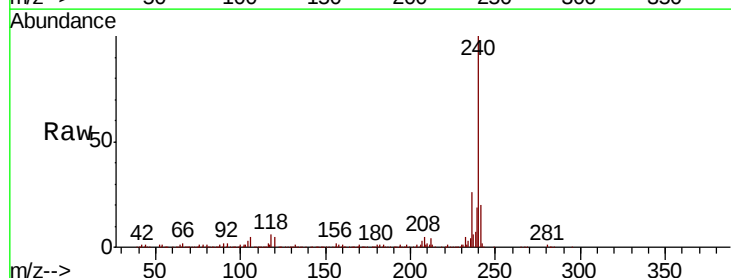


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

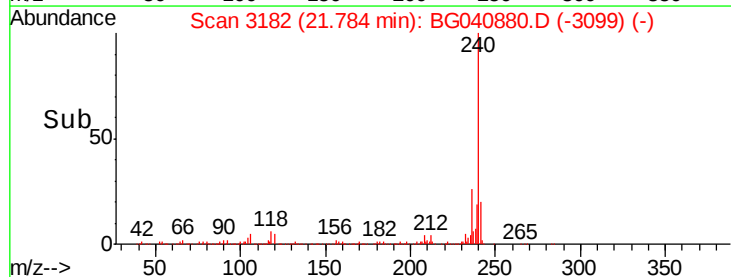
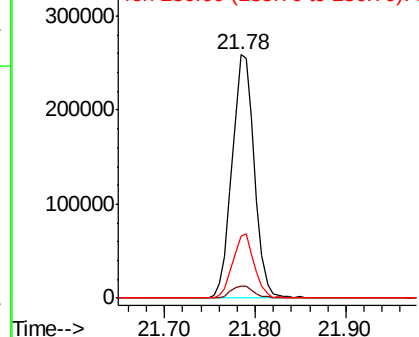


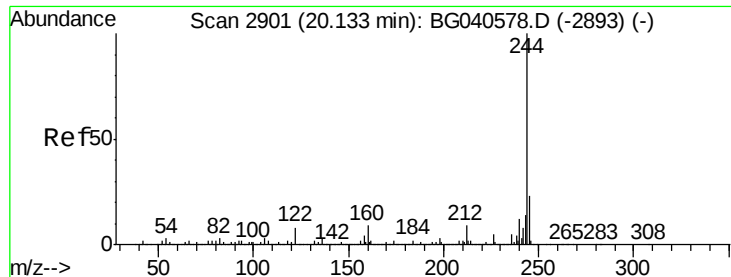
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.04 min
 Lab File: BG040880.D
 Acq: 11 May 2019 19:13

Tgt Ion:240 Resp: 444901
 Ion Ratio Lower Upper
 240 100
 120 4.8 5.0 7.6#
 236 25.5 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: 68.815 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1824-01

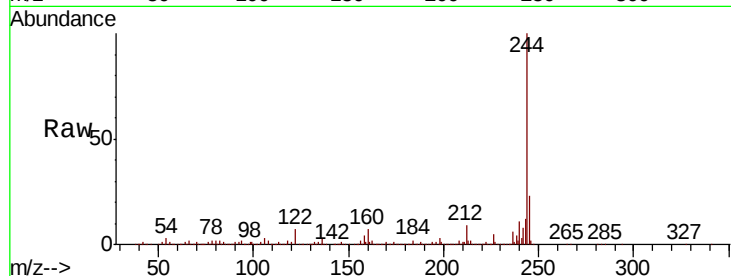
Tgt Ion:244 Resp: 1381941

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

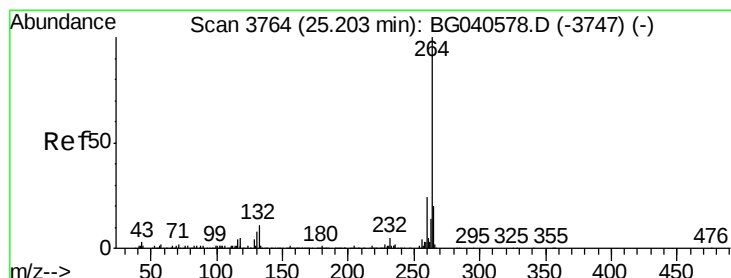
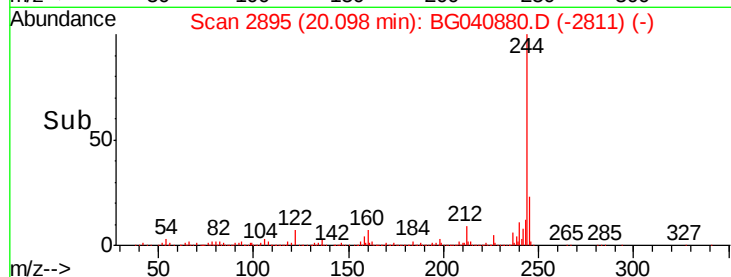
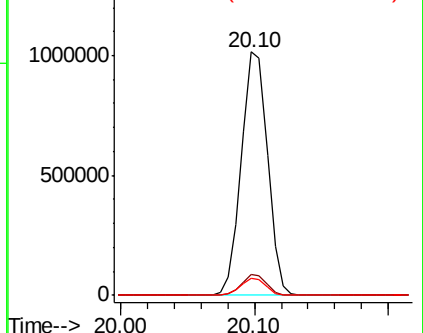
122 7.2 6.6 10.0



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: 25.13 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

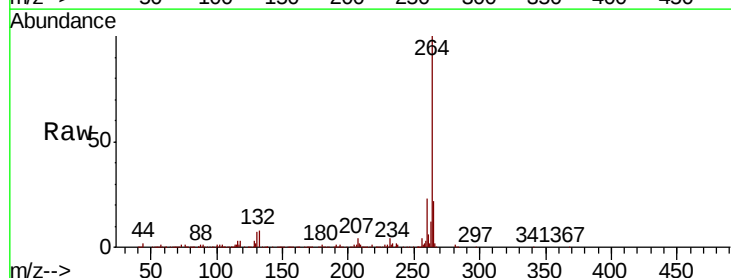
Tgt Ion:264 Resp: 461336

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.7 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

