

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040889.D
 Acq On : 12 May 2019 00:55
 Operator : HP/JU
 Sample : K2763-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0612-01

Quant Time: May 12 05:01:59 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

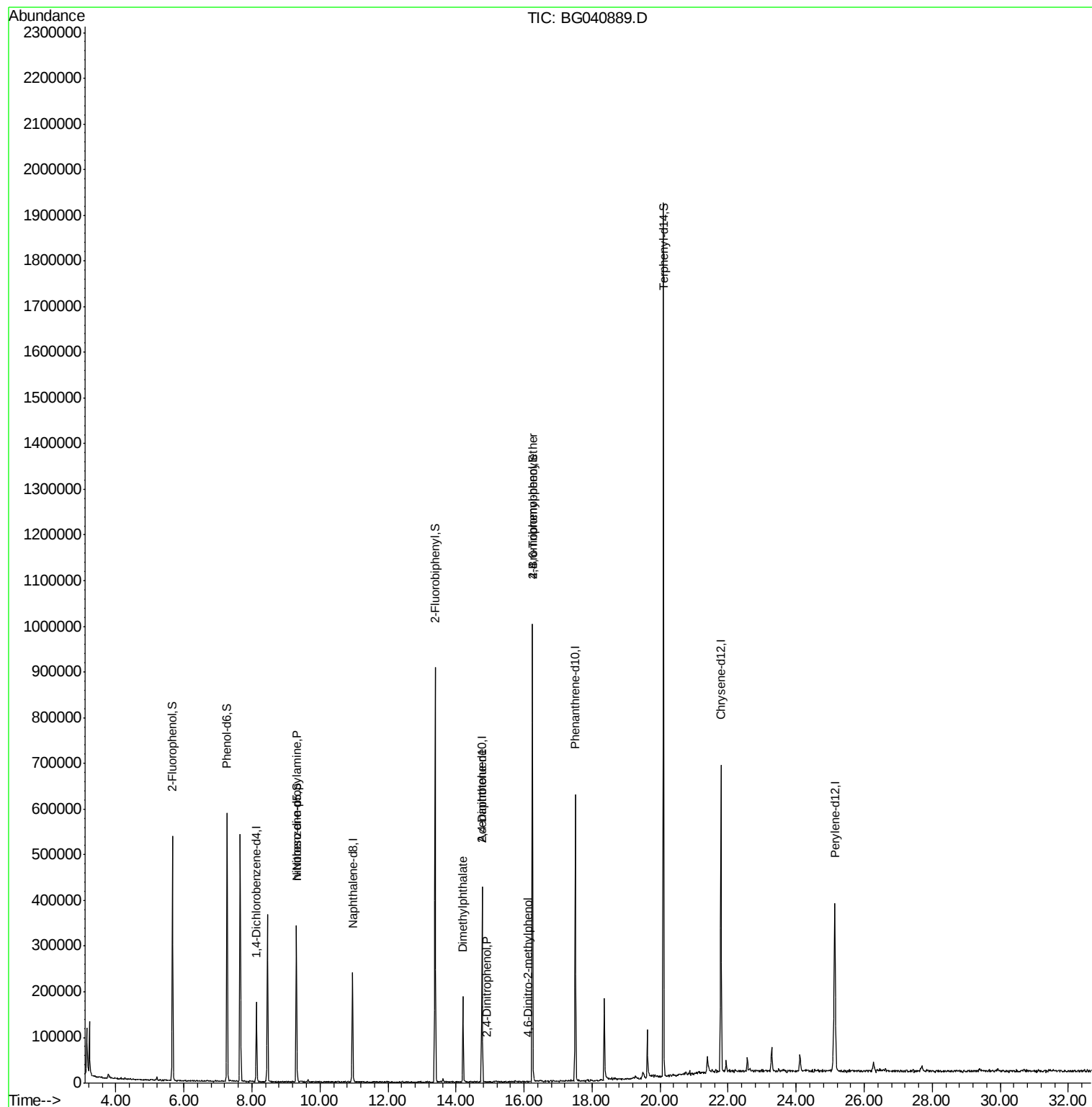
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46956	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	188359	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	147426	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	401241	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	409849	20.00	ng	-0.04
87) Perylene-d12	25.13	264	437092	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	201749	75.74	ng	-0.02
7) Phenol-d6	7.27	99	310316	75.66	ng	-0.03
23) Nitrobenzene-d5	9.31	82	206510	50.66	ng	-0.03
42) 2,4,6-Tribromophenol	16.24	330	189337	93.43	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	461305	45.19	ng	-0.03
79) Terphenyl-d14	20.10	244	900619	48.68	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	815	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.31	70	29191	7.906 ng	#	6
50) Dimethylphthalate	14.21	163	115803	9.388 ng	#	71
54) 2,4-Dinitrophenol	14.90	184	54	7.051 ng	#	99
57) 2,4-Dinitrotoluene	14.76	165	19284	5.895 ng	#	21
65) 4,6-Dinitro-2-methylphenol	16.12	198	55	7.125 ng	#	16
67) 4-Bromophenyl-phenylether	16.24	248	12719	2.544 ng	#	28
					#	1

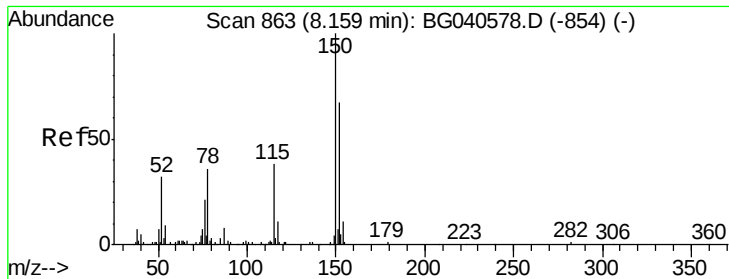
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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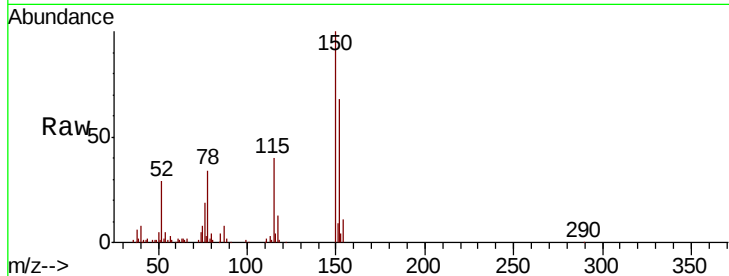


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.1	120.2	180.2
115	59.1	46.2	69.2

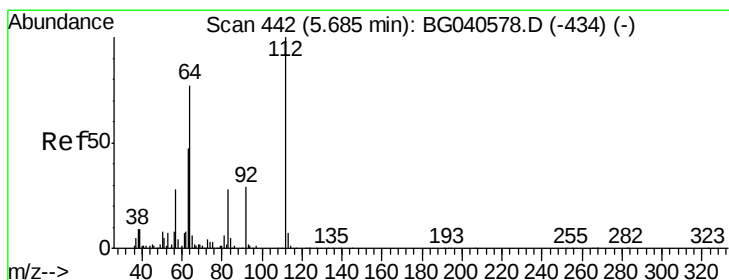
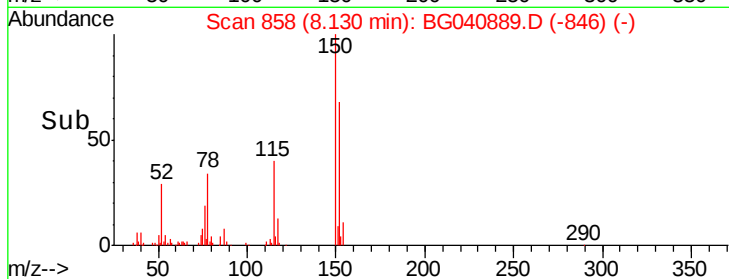
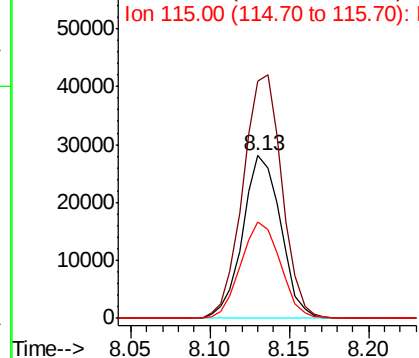


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

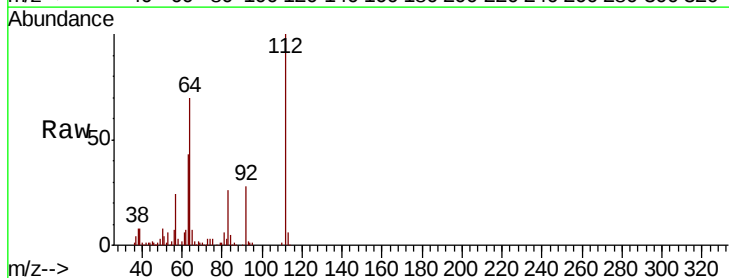
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.738 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	61.4	92.0
63	42.9	37.8	56.6

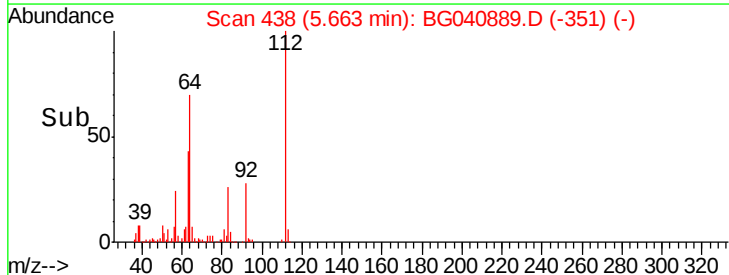
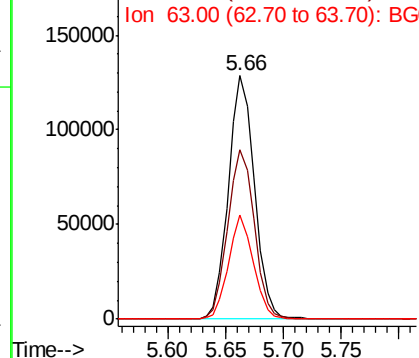


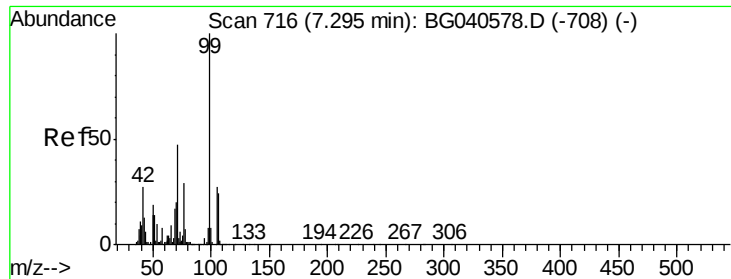
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 75.660 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040889.D

Acq: 12 May 2019 00:55

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0612-01

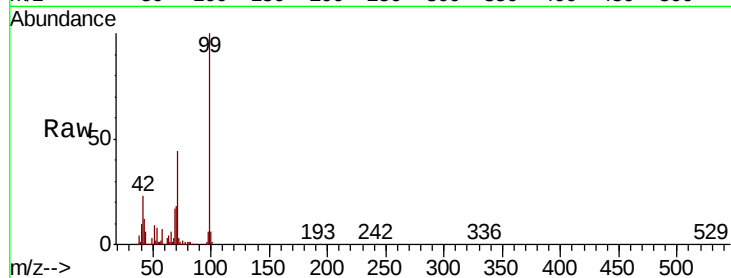
Tgt Ion: 99 Resp: 310316

Ion Ratio Lower Upper

99 100

42 23.2 21.8 32.8

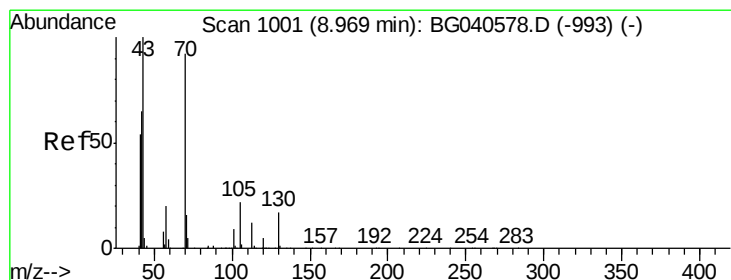
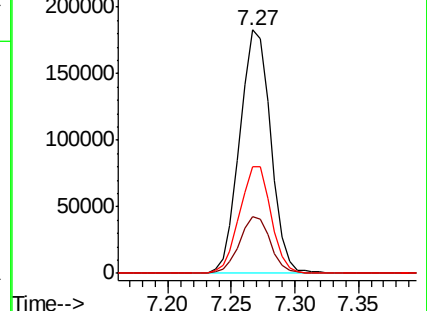
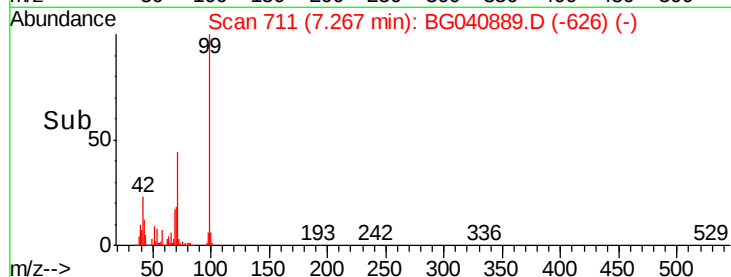
71 43.7 38.6 57.8



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: 7.906 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040889.D

Acq: 12 May 2019 00:55

Tgt Ion: 70 Resp: 29191

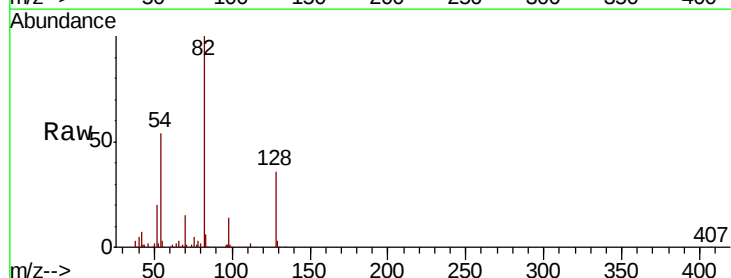
Ion Ratio Lower Upper

70 100

42 48.0 57.1 85.7#

101 0.0 7.8 11.8#

130 2.5 14.6 21.8#

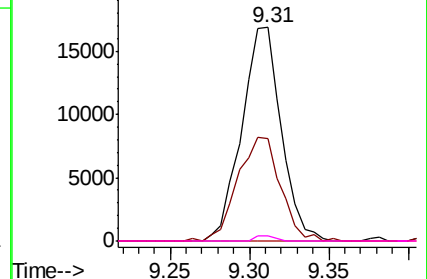
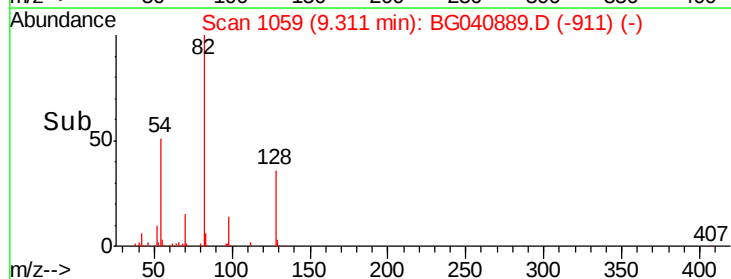


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

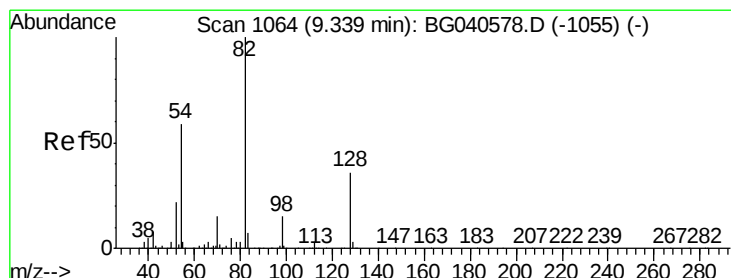
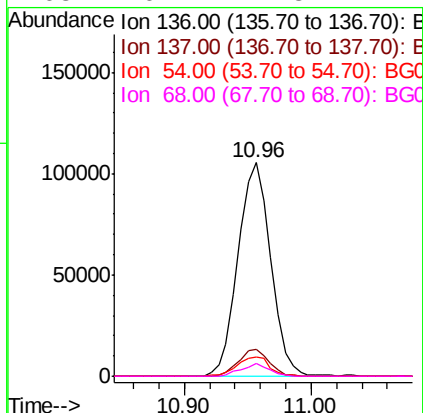
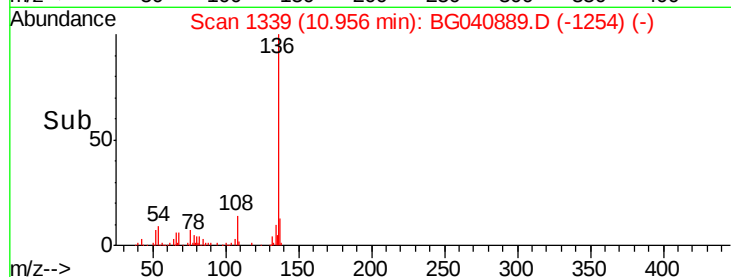
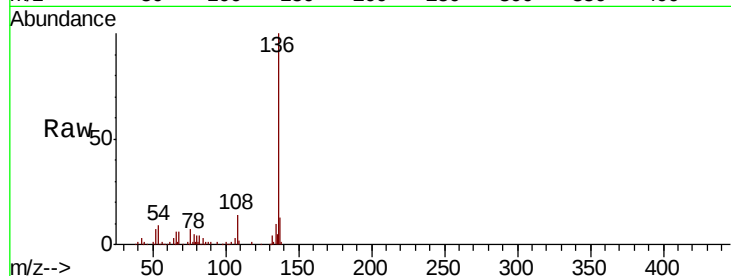




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

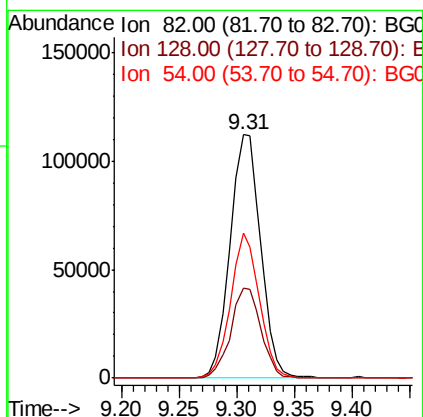
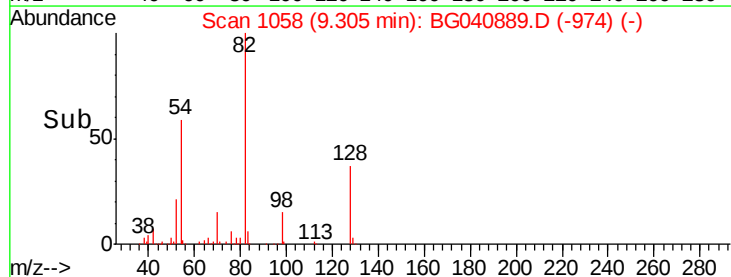
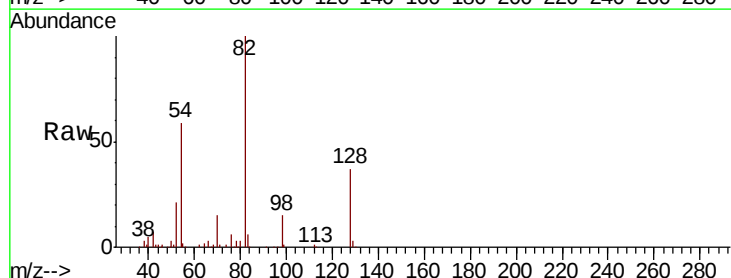
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

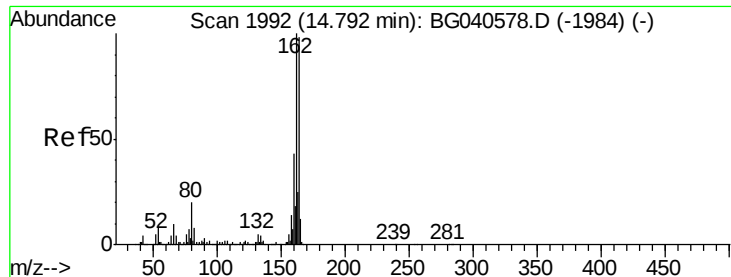
Tgt Ion:	136	Resp:	188359
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.7	14.5
54	8.8	8.6	12.8
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 50.659 ng
RT: 9.31 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion:	82	Resp:	206510
Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.9	43.3
54	59.4	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: BG040889.D

Acq: 12 May 2019 00:55

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0612-01

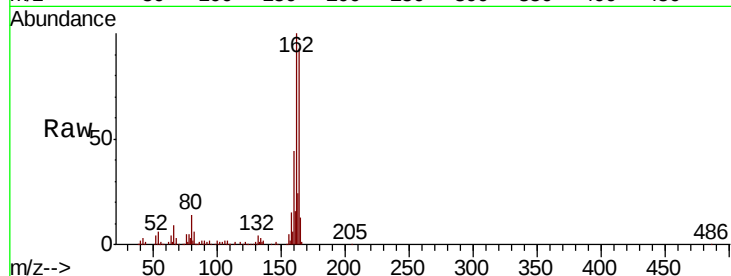
Tgt Ion:164 Resp: 147426

Ion Ratio Lower Upper

164 100

162 107.6 81.9 122.9

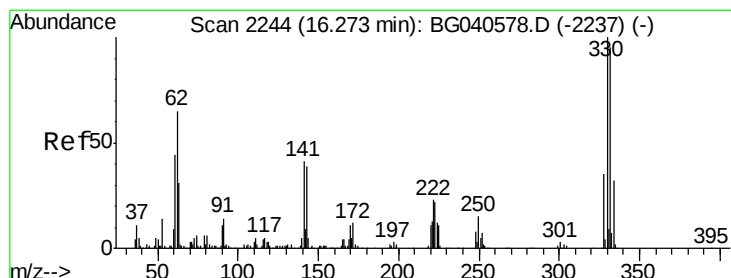
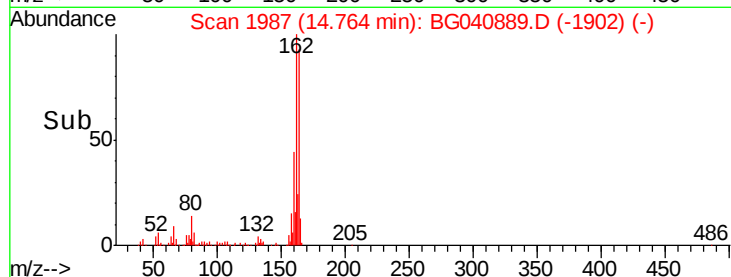
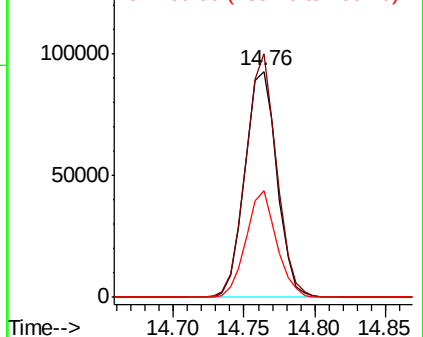
160 47.1 35.4 53.2



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: 93.435 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.03 min

Lab File: BG040889.D

Acq: 12 May 2019 00:55

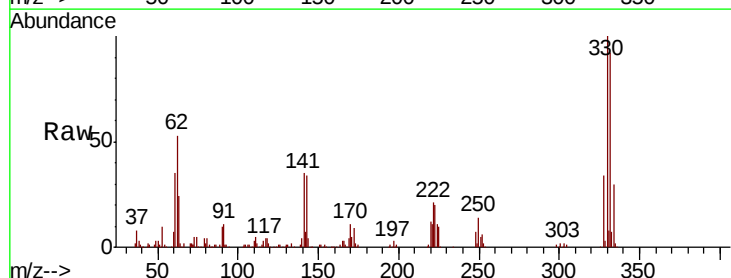
Tgt Ion:330 Resp: 189337

Ion Ratio Lower Upper

330 100

332 91.9 75.9 113.9

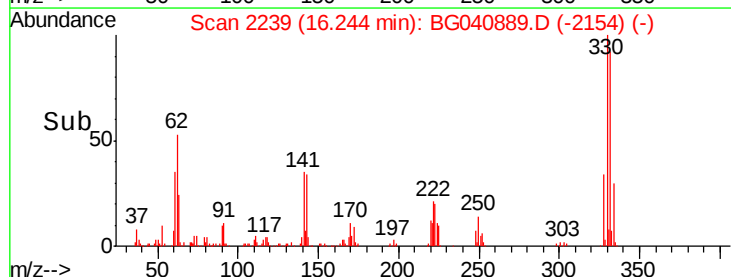
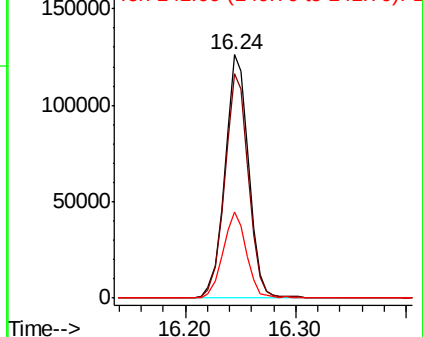
141 34.9 32.4 48.6



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

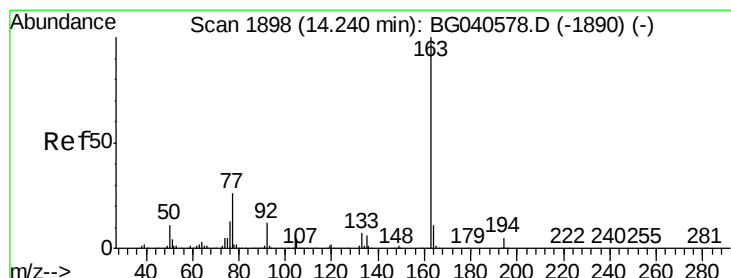
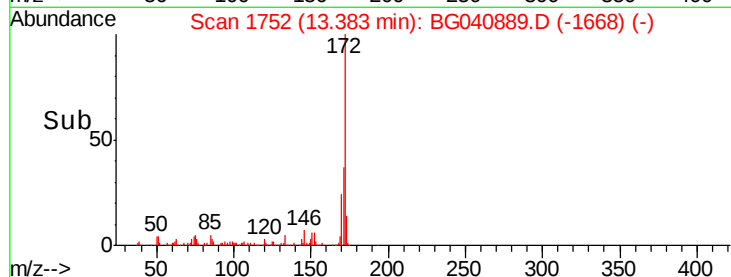
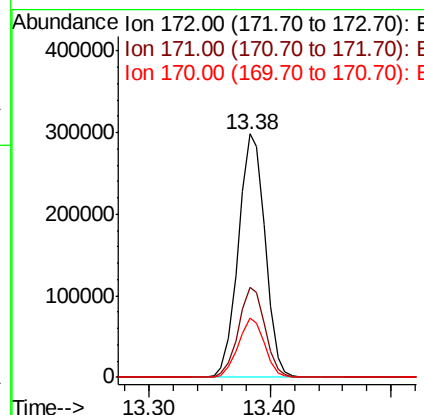
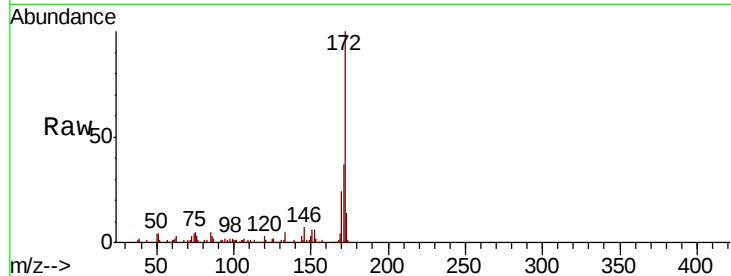




#45
 2-Fluorobiphenyl
 Concen: 45.190 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040889.D
 Acq: 12 May 2019 00:55

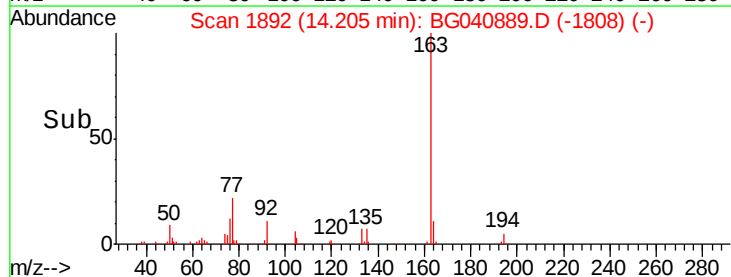
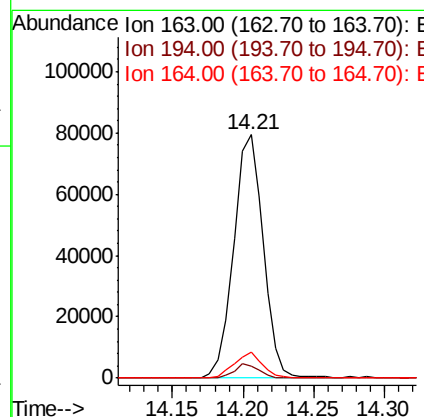
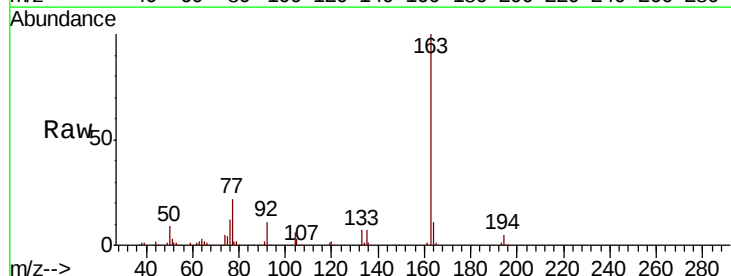
Instrument :
 BNA_G
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 P021-SS007-0612-01

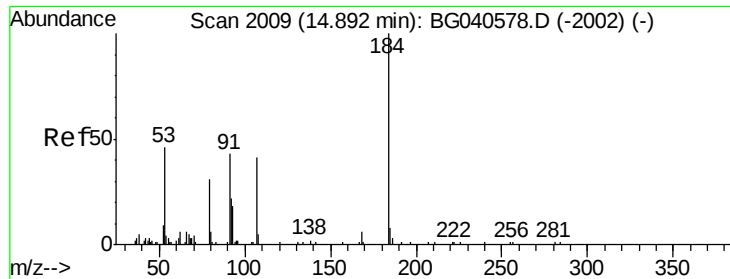
Tgt Ion:	172	Resp:	461305
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	24.4	19.9	29.9



#50
 Dimethylphthalate
 Concen: 9.388 ng
 RT: 14.21 min Scan# 1892
 Delta R.T. -0.03 min
 Lab File: BG040889.D
 Acq: 12 May 2019 00:55

Tgt Ion:	163	Resp:	115803
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.8
164	10.6	8.8	13.2





#54

2,4-Dinitrophenol

Concen: 7.051 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG040889.D

Acq: 12 May 2019 00:55

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0612-01

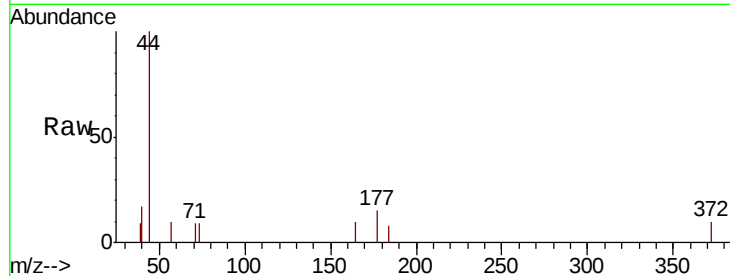
Tgt Ion:184 Resp: 54

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): BG

Ion 154.00 (153.70 to 154.70): E

14.90

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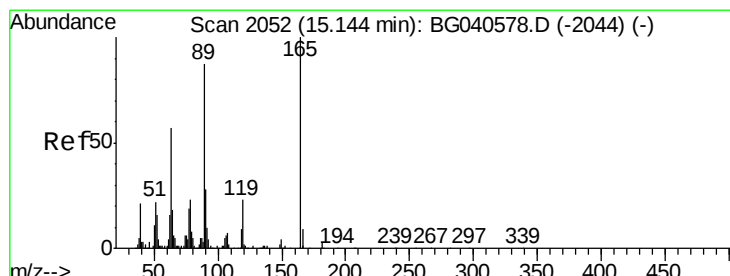
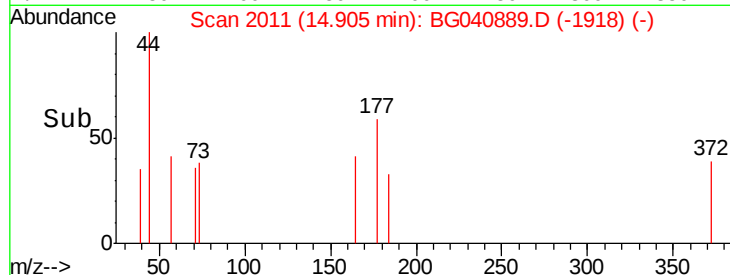
14.90

14.90

14.90

14.90

14.90



#57

2,4-Dinitrotoluene

Concen: 5.895 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.38 min

Lab File: BG040889.D

Acq: 12 May 2019 00:55

Tgt Ion:165 Resp: 19284

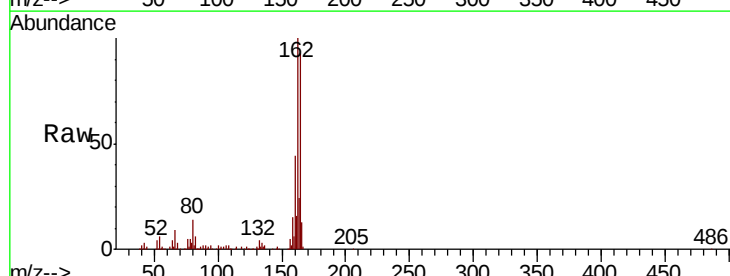
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.8#

89 2.8 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): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E

14.76

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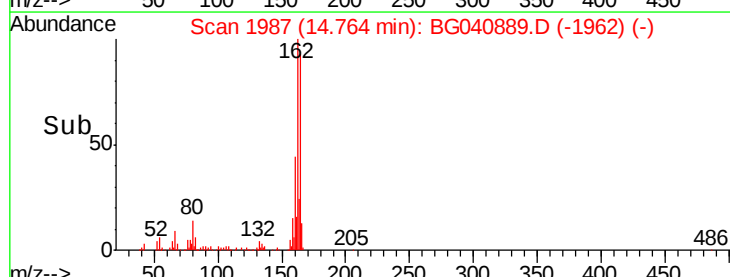
14.76

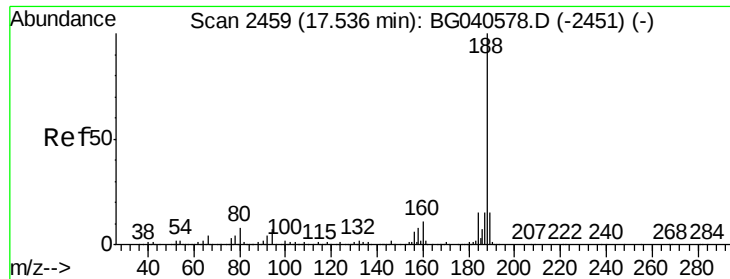
14.76

14.76

14.76

14.76





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BG040889.D

Acq: 12 May 2019 00:55

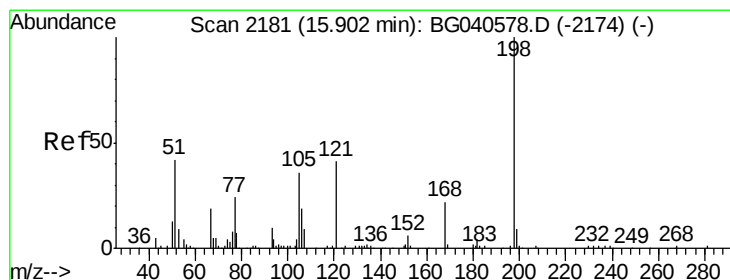
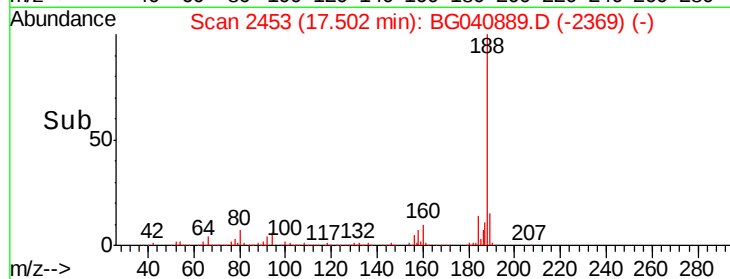
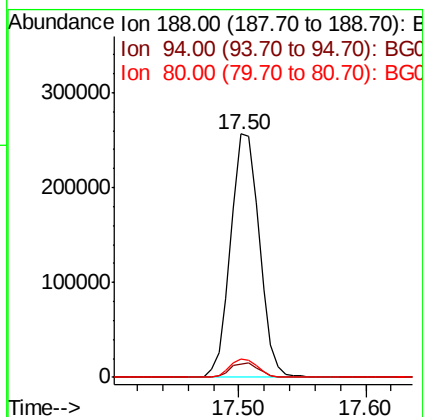
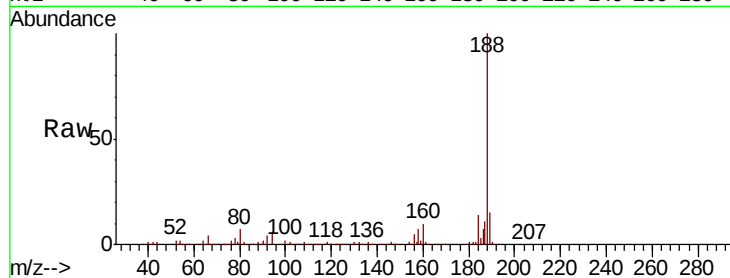
Instrument :

BNA_G

ClientSampleId :

P021-SS007-0612-01

Tgt Ion:	188	Resp:	401241
Ion Ratio	Lower	Upper	
188	100		
94	5.6	5.6	8.4
80	7.5	6.4	9.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.125 ng

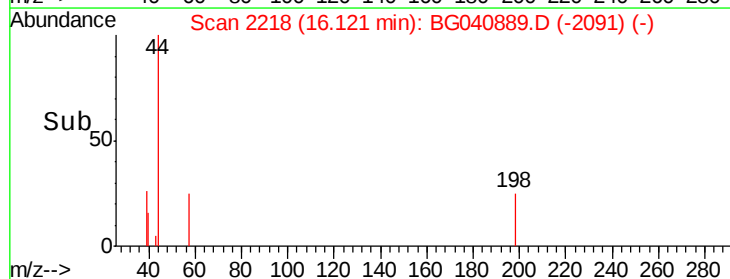
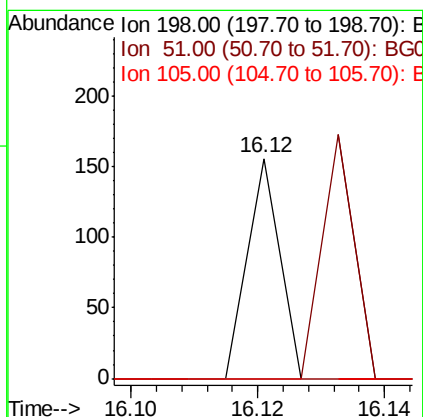
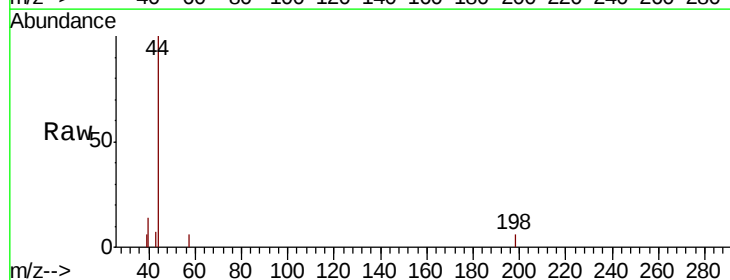
RT: 16.12 min Scan# 2218

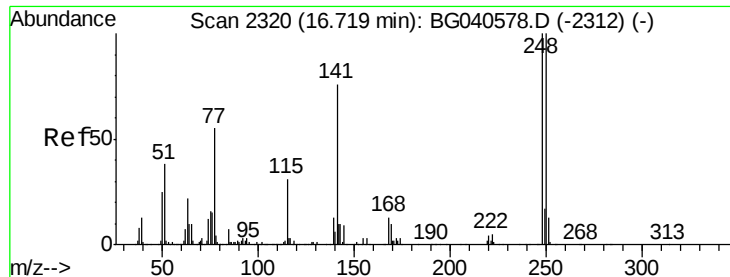
Delta R.T. 0.22 min

Lab File: BG040889.D

Acq: 12 May 2019 00:55

Tgt Ion:	198	Resp:	55
Ion Ratio	Lower	Upper	
198	100		
51	0.0	35.9	75.9#
105	0.0	21.2	61.2#

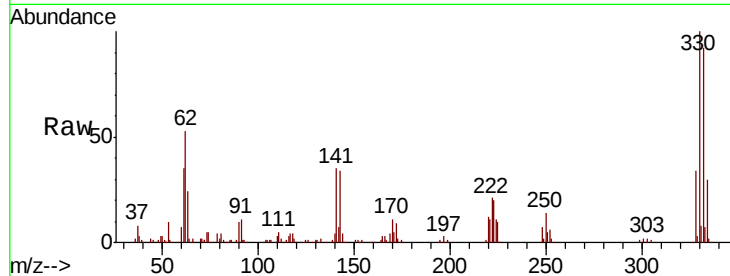




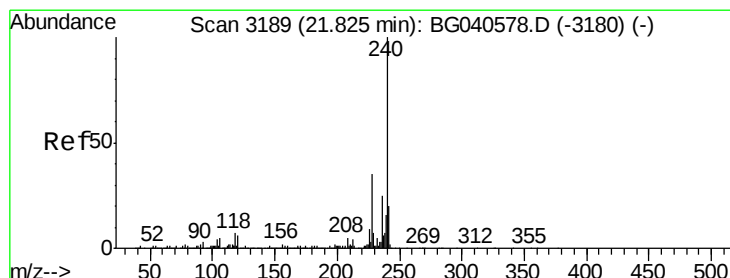
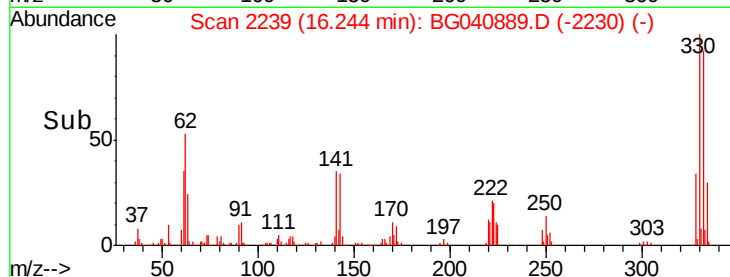
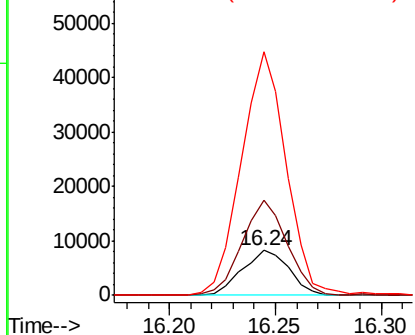
#67
 4-Bromophenyl-phenylether
 Concen: 2.544 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.47 min
 Lab File: BG040889.D
 Acq: 12 May 2019 00:55

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0612-01

Tgt Ion:248 Resp: 12719
 Ion Ratio Lower Upper
 248 100
 250 211.5 79.8 119.6#
 141 540.3 60.8 91.2#

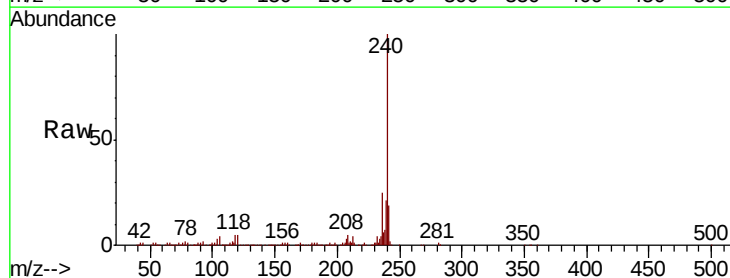


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

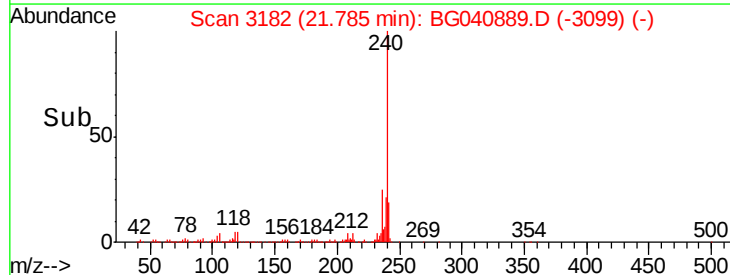
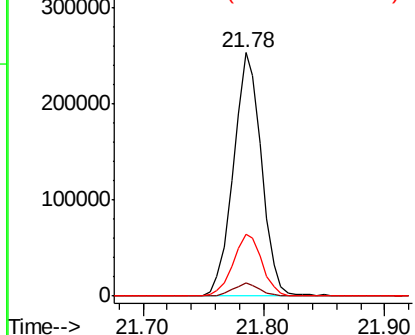


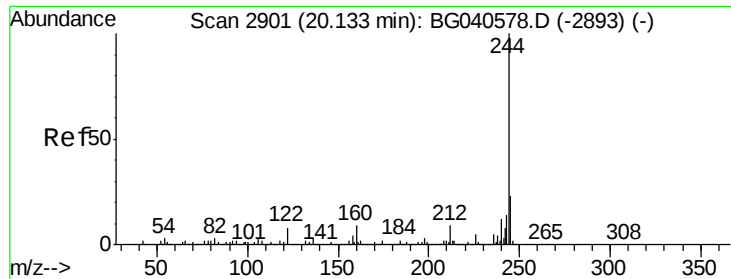
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.04 min
 Lab File: BG040889.D
 Acq: 12 May 2019 00:55

Tgt Ion:240 Resp: 409849
 Ion Ratio Lower Upper
 240 100
 120 5.4 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: 48.683 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040889.D

Acq: 12 May 2019 00:55

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0612-01

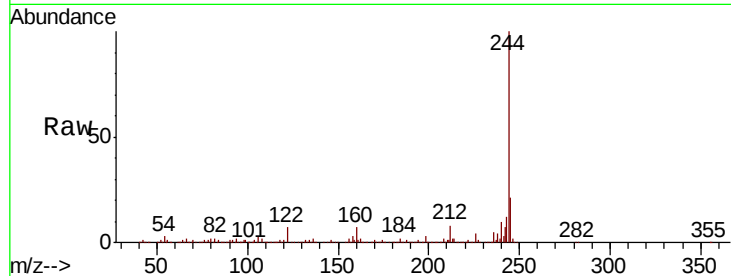
Tgt Ion:244 Resp: 900619

Ion Ratio Lower Upper

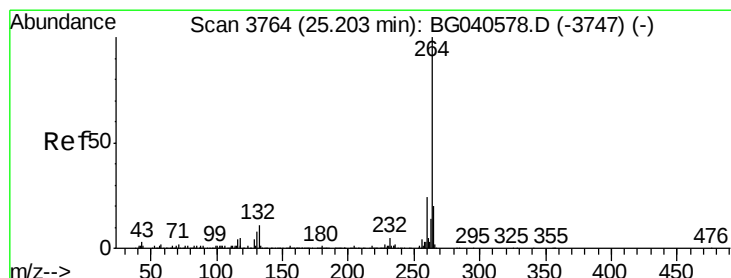
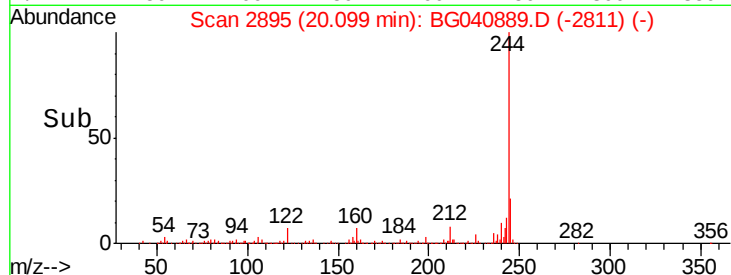
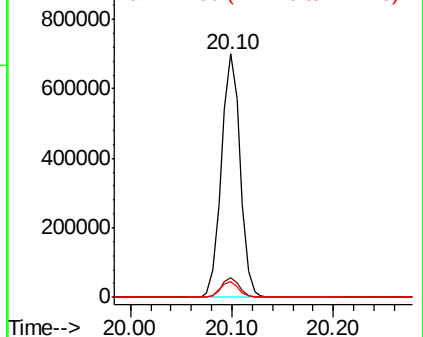
244 100

212 8.1 7.2 10.8

122 6.7 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: BG040889.D

Acq: 12 May 2019 00:55

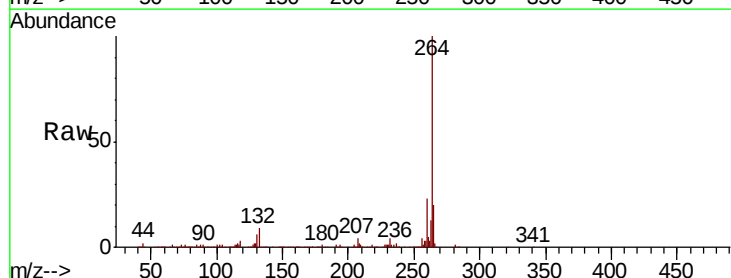
Tgt Ion:264 Resp: 437092

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 19.9 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

