

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040902.D
 Acq On : 12 May 2019 10:23
 Operator : HP/JU
 Sample : K2768-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-0612-01

Quant Time: May 13 03:52:57 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

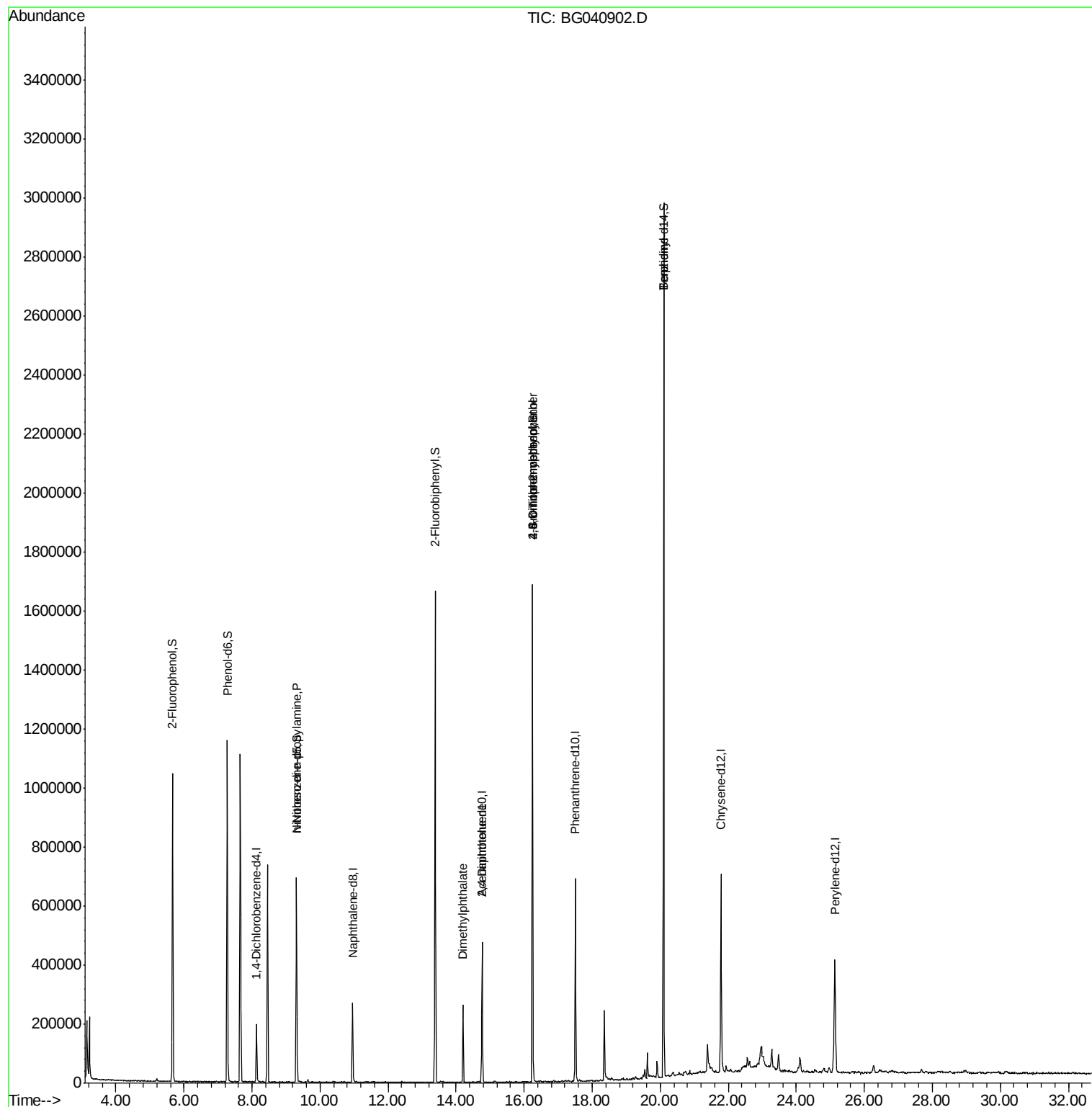
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	52074	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	214799	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	159401	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	408494	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	412616	20.00	ng	-0.04
87) Perylene-d12	25.13	264	439579	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	398746	134.98	ng	-0.02
7) Phenol-d6	7.28	99	604388	132.88	ng	-0.02
23) Nitrobenzene-d5	9.31	82	416907	89.68	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	321729	146.84	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	816958	74.02	ng	-0.03
79) Terphenyl-d14	20.10	244	1405892	75.49	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.28	77	1526	Below Cal	Qvalue	# 6
19) n-Nitroso-di-n-propylamine	9.31	70	59881	14.625 ng	#	78
50) Dimethylphthalate	14.20	163	162590	12.191 ng	#	99
57) 2,4-Dinitrotoluene	14.76	165	20613	5.828 ng	#	15
65) 4,6-Dinitro-2-methylphenol	16.25	198	1483	7.729 ng	#	11
67) 4-Bromophenyl-phenylether	16.24	248	23745	4.666 ng	#	1
77) Benzydine	20.10	184	23993	2.124 ng	#	87

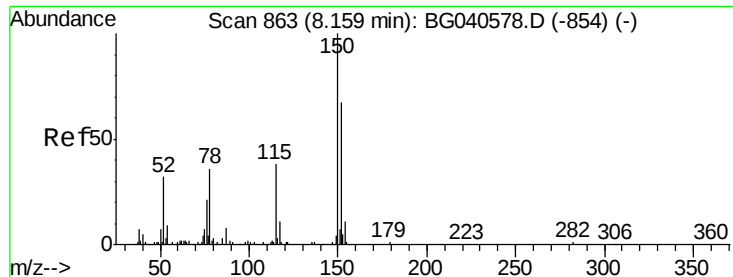
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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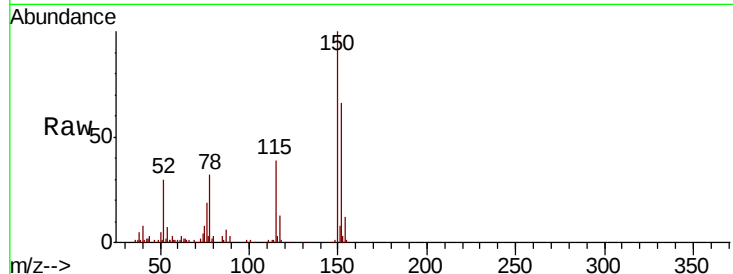


#1

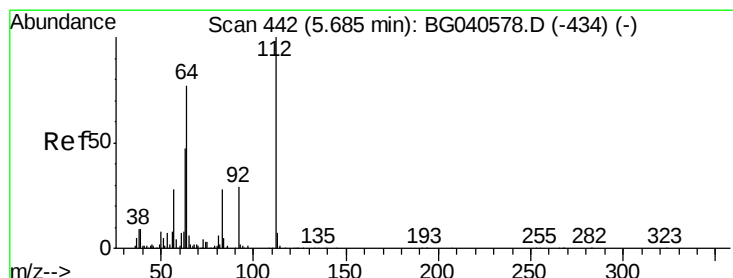
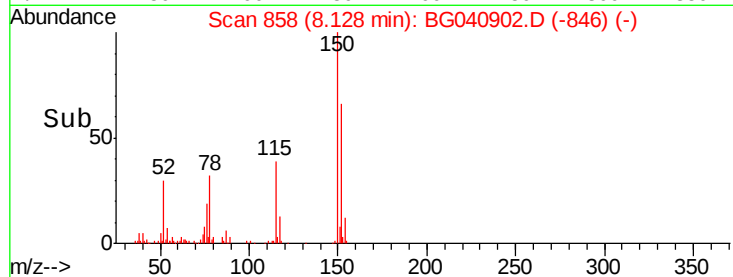
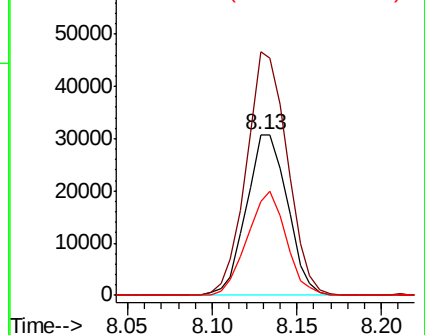
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040902.D
Acq: 12 May 2019 10:23

Instrument :
BNA_G
ClientSampleId :
P026-SS015-0612-01

Tgt Ion:152 Resp: 52074
Ion Ratio Lower Upper
152 100
150 151.3 120.2 180.2
115 58.4 46.2 69.2



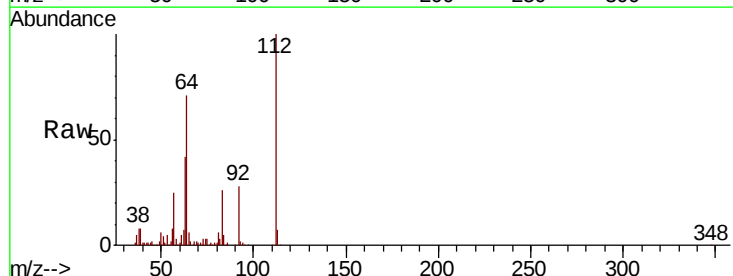
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



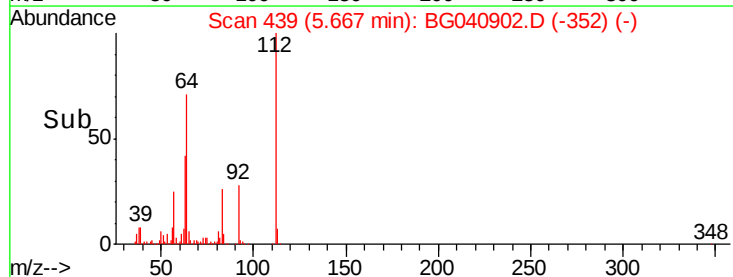
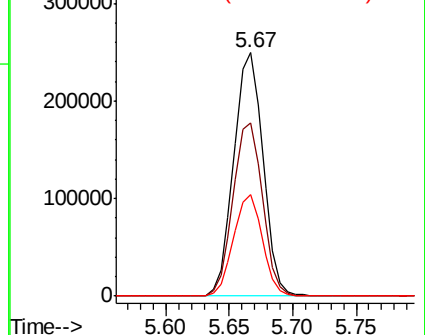
#5

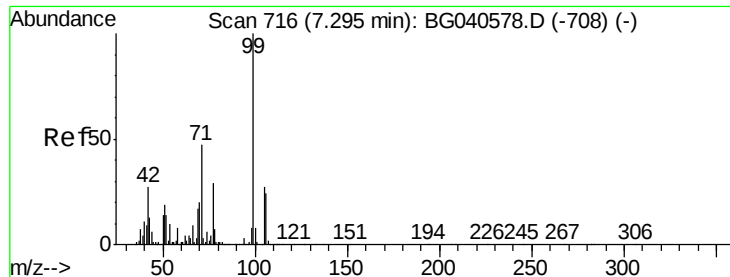
2-Fluorophenol
Concen: 134.980 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040902.D
Acq: 12 May 2019 10:23

Tgt Ion:112 Resp: 398746
Ion Ratio Lower Upper
112 100
64 71.1 61.4 92.0
63 42.0 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: 132.877 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040902.D

Acq: 12 May 2019 10:23

Instrument :

BNA_G

ClientSampleId :

P026-SS015-0612-01

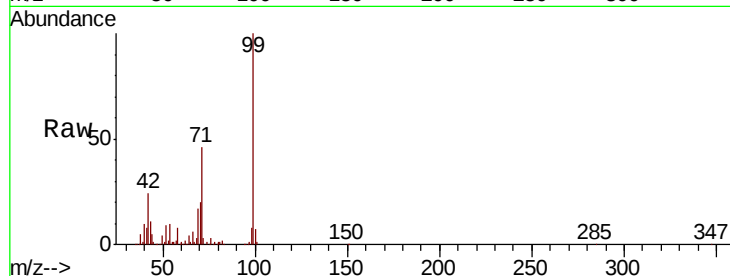
Tgt Ion: 99 Resp: 604388

Ion Ratio Lower Upper

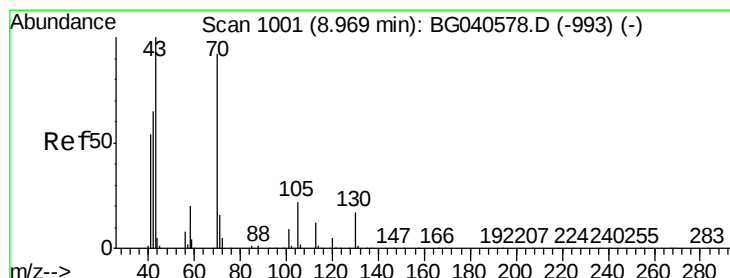
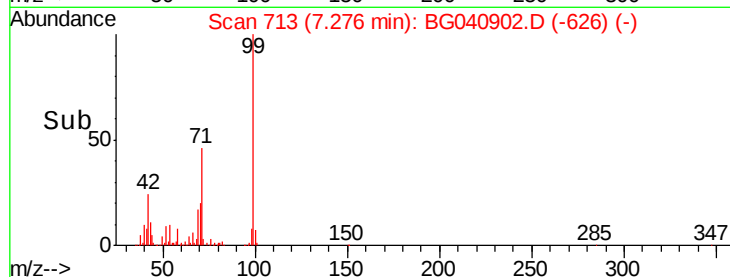
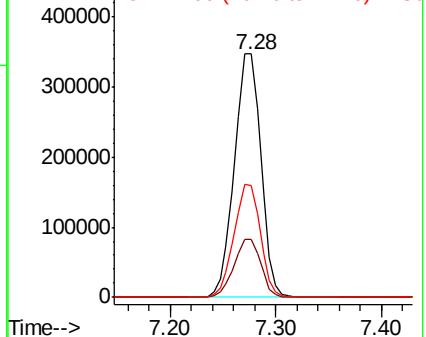
99 100

42 23.6 21.8 32.8

71 46.0 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: 14.625 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040902.D

Acq: 12 May 2019 10:23

Tgt Ion: 70 Resp: 59881

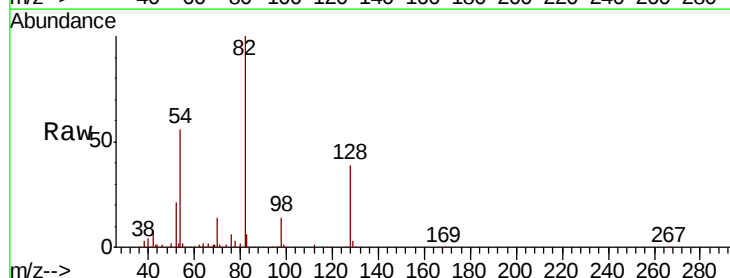
Ion Ratio Lower Upper

70 100

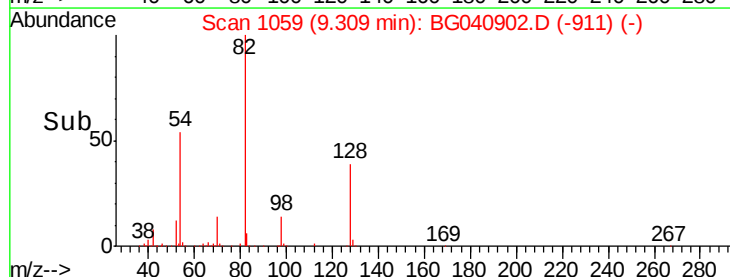
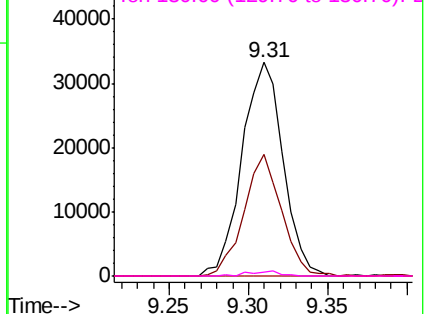
42 57.0 57.1 85.7#

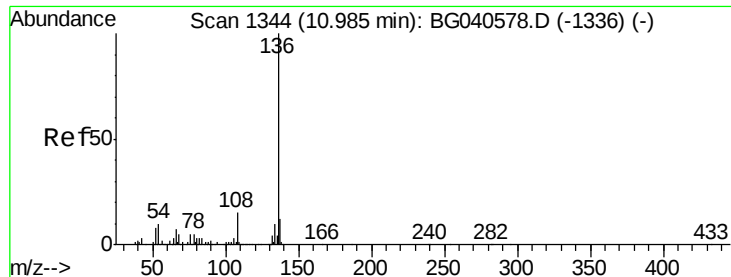
101 0.0 7.8 11.8#

130 1.8 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

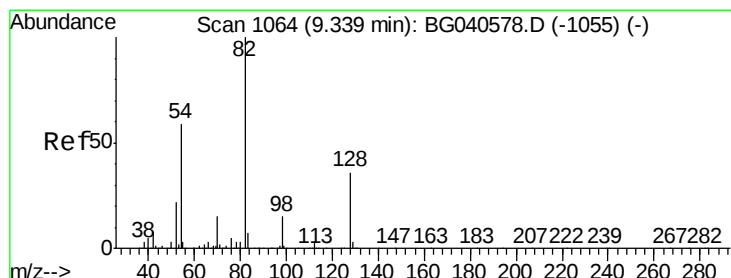
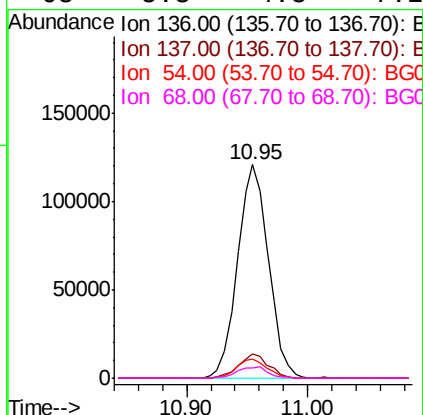
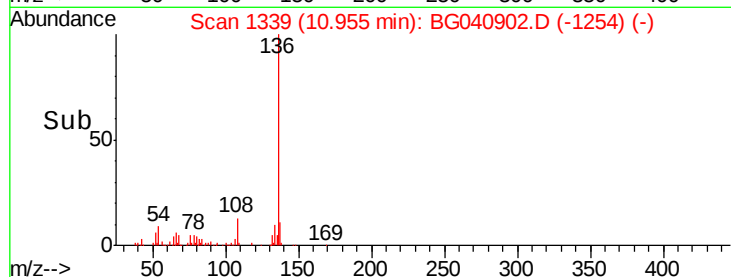
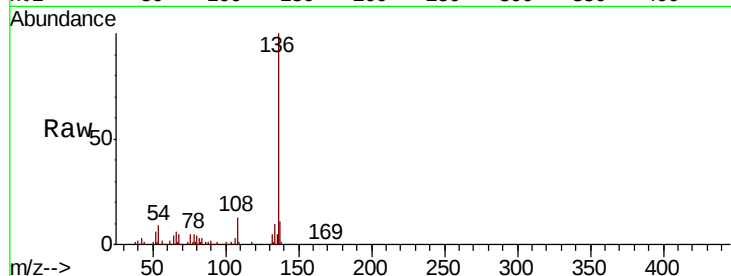




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040902.D
Acq: 12 May 2019 10:23

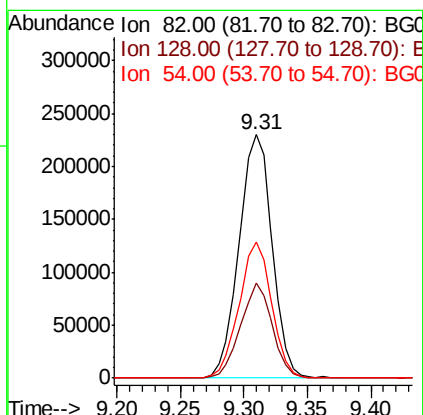
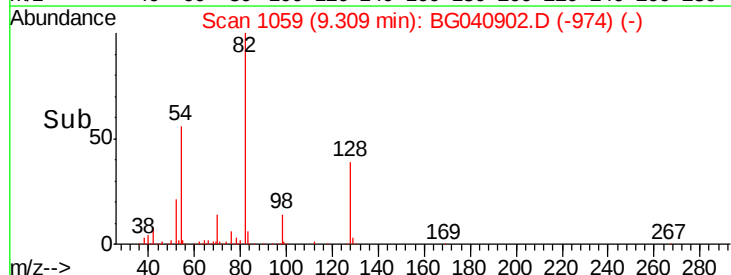
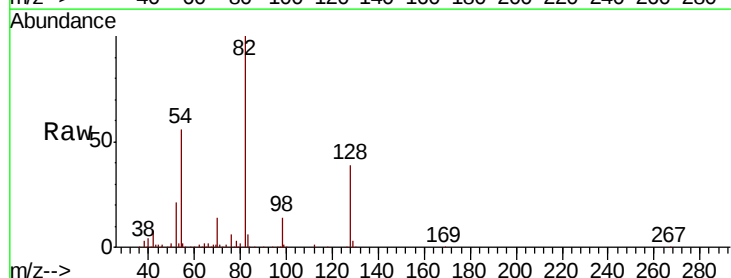
Instrument :
BNA_G
ClientSampleId :
P026-SS015-0612-01

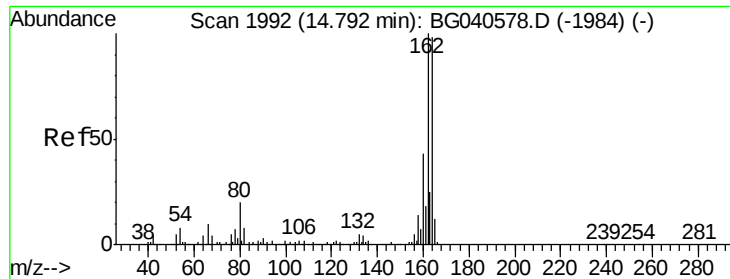
Tgt Ion:	136	Resp:	214799
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.7	14.5
54	9.0	8.6	12.8
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 89.683 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040902.D
Acq: 12 May 2019 10:23

Tgt Ion:	82	Resp:	416907
Ion	Ratio	Lower	Upper
82	100		
128	39.0	28.9	43.3
54	55.7	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: BG040902.D

Acq: 12 May 2019 10:23

Instrument :

BNA_G

ClientSampleId :

P026-SS015-0612-01

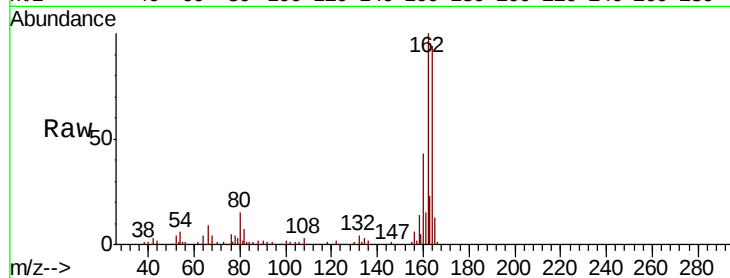
Tgt Ion:164 Resp: 159401

Ion Ratio Lower Upper

164 100

162 105.9 81.9 122.9

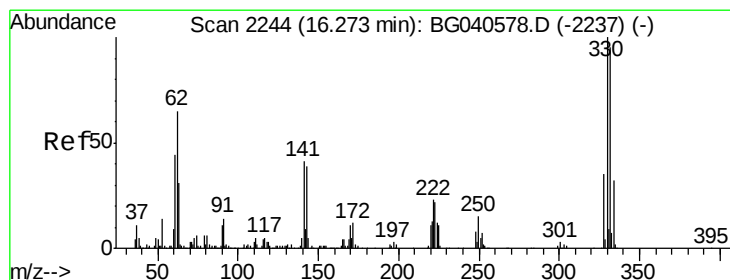
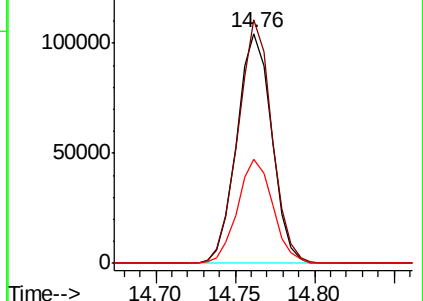
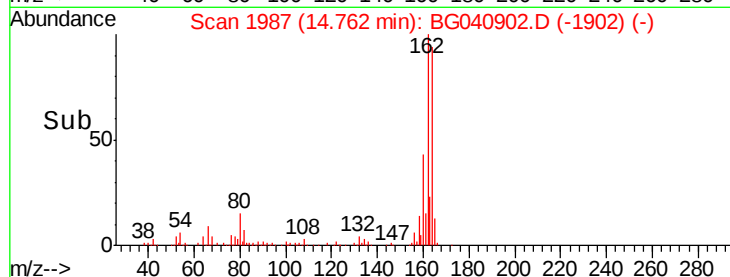
160 45.3 35.4 53.2



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: 146.841 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040902.D

Acq: 12 May 2019 10:23

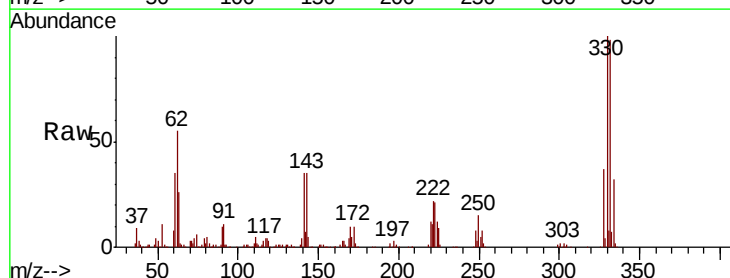
Tgt Ion:330 Resp: 321729

Ion Ratio Lower Upper

330 100

332 97.1 75.9 113.9

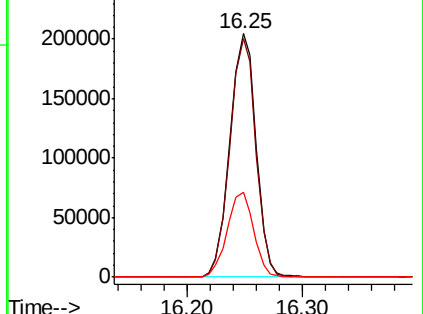
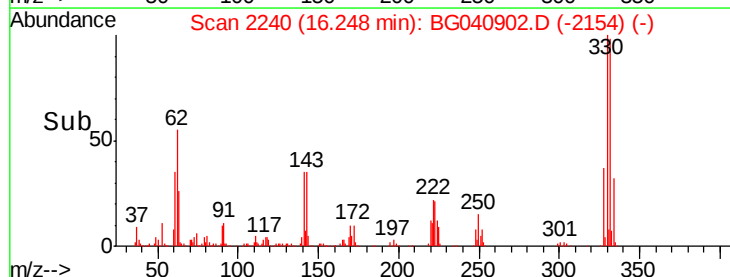
141 35.3 32.4 48.6

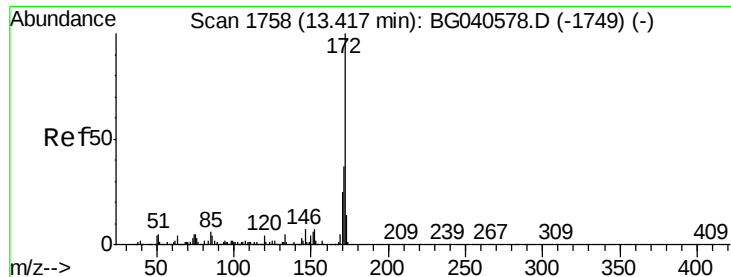


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

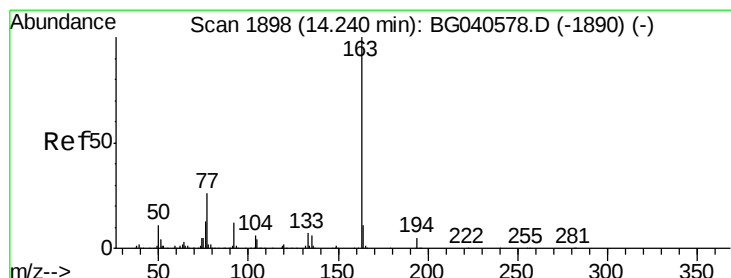
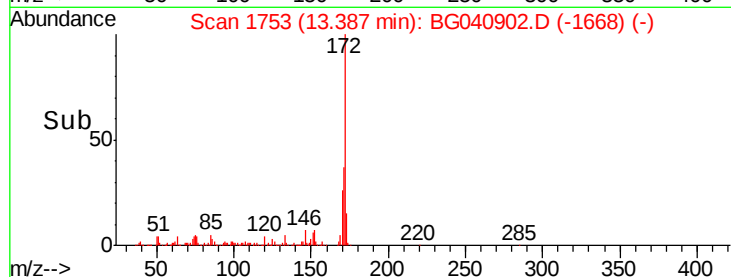
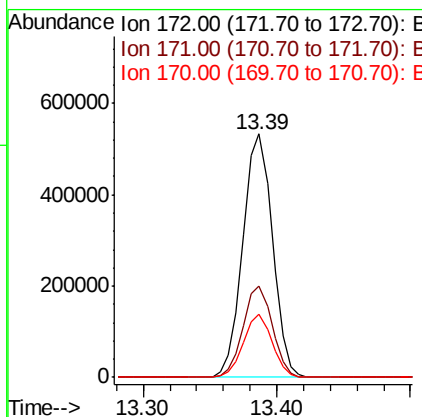
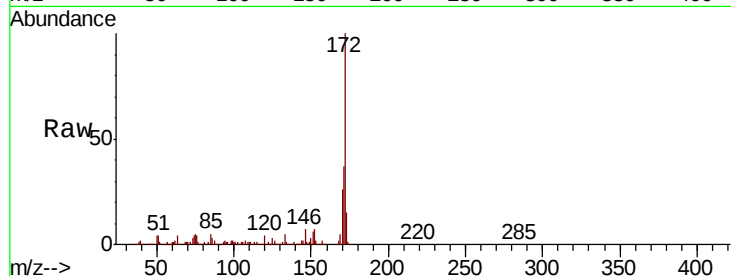




#45
2-Fluorobiphenyl
Concen: 74.018 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040902.D
Acq: 12 May 2019 10:23

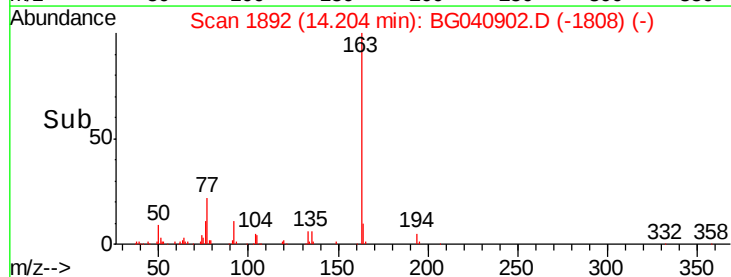
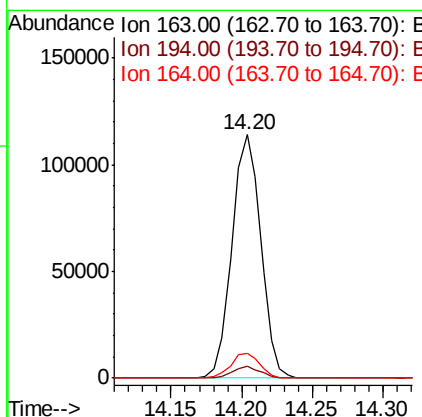
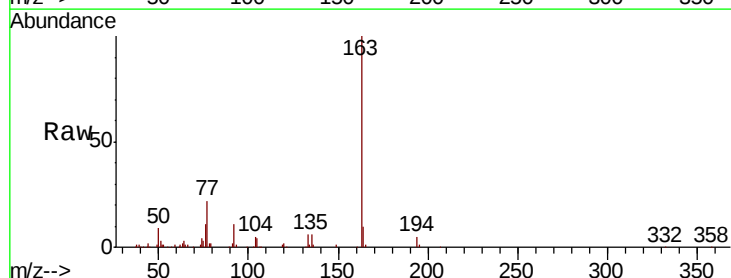
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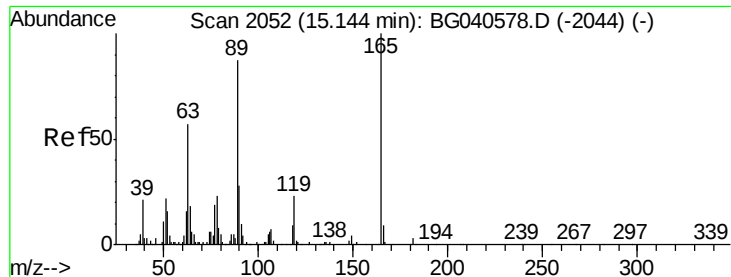
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	26.1	19.9	29.9



#50
Dimethylphthalate
Concen: 12.191 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BG040902.D
Acq: 12 May 2019 10:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	10.2	8.8	13.2

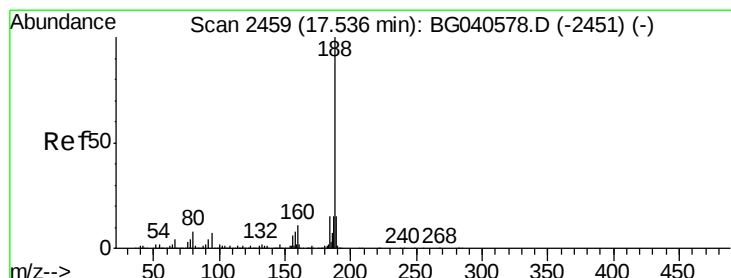
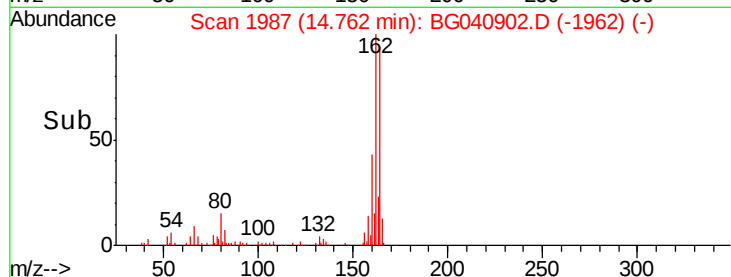
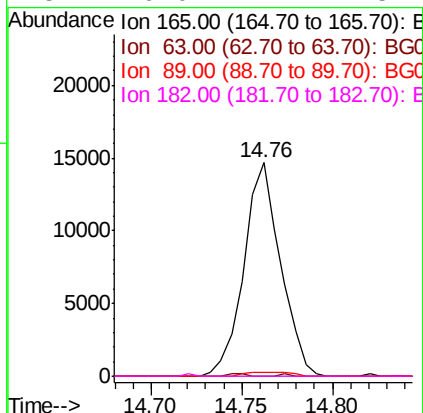
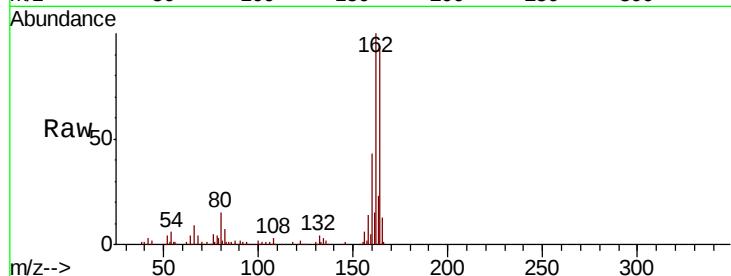




#57
 2,4-Dinitrotoluene
 Concen: 5.828 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.38 min
 Lab File: BG040902.D
 Acq: 12 May 2019 10:23

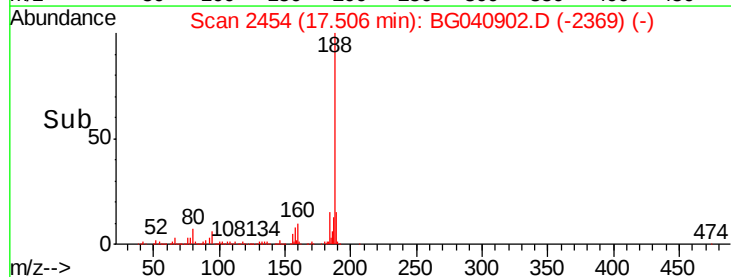
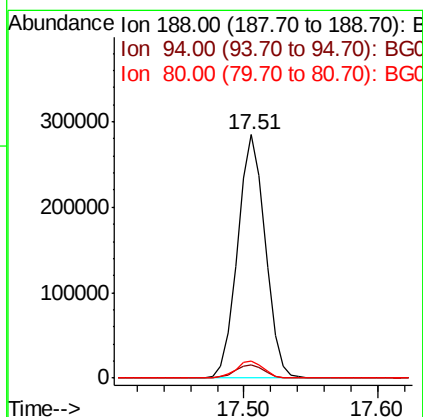
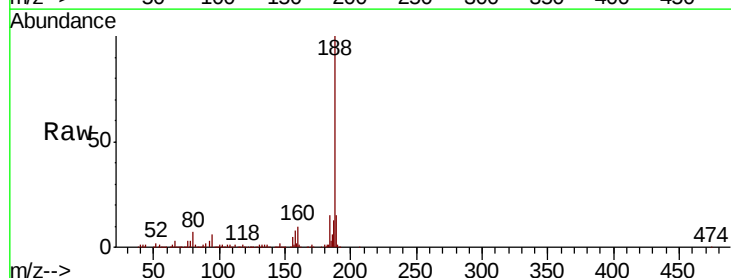
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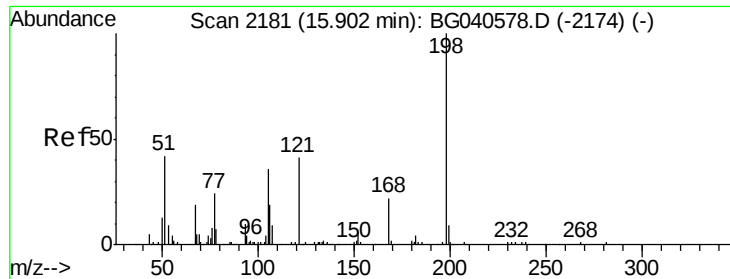
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	1.7	69.4	104.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.03 min
 Lab File: BG040902.D
 Acq: 12 May 2019 10:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.6	8.4#
80	7.1	6.4	9.6

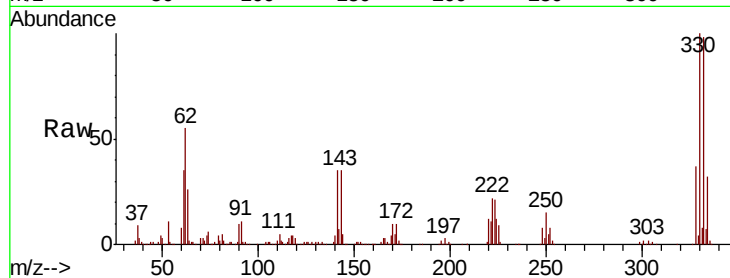




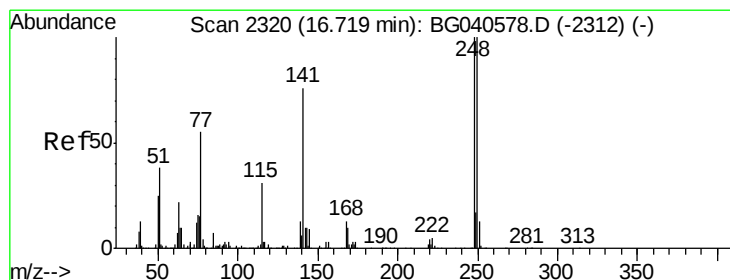
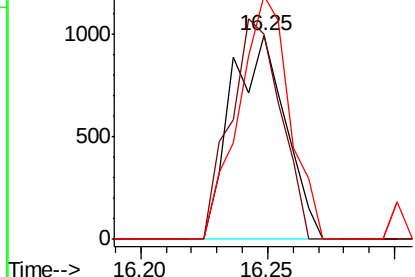
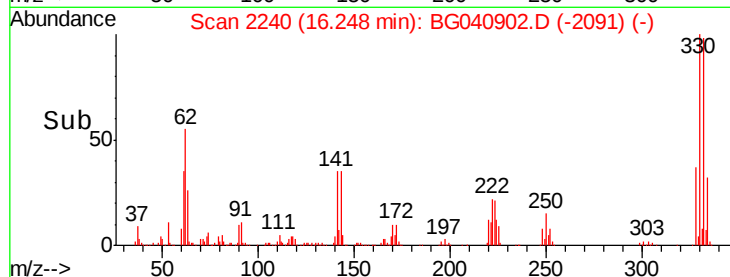
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.729 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.35 min
 Lab File: BG040902.D
 Acq: 12 May 2019 10:23

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-0612-01

Tgt Ion:198 Resp: 1483
 Ion Ratio Lower Upper
 198 100
 51 100.9 35.9 75.9#
 105 119.8 21.2 61.2#

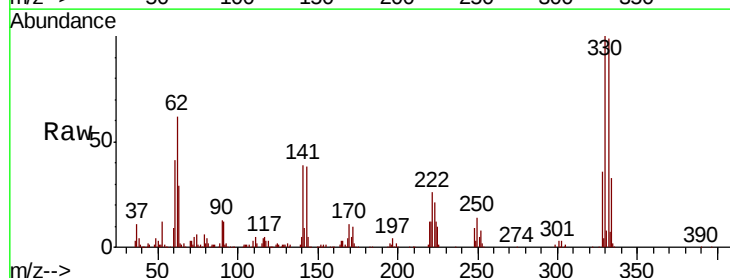


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

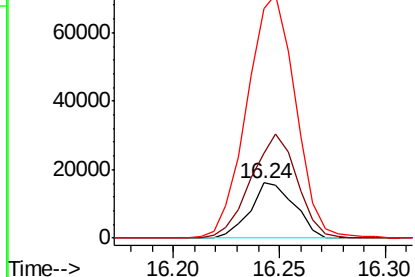
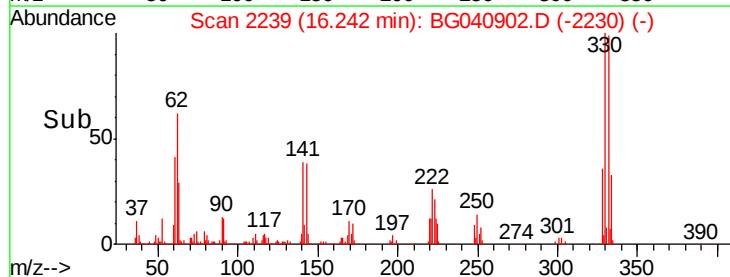


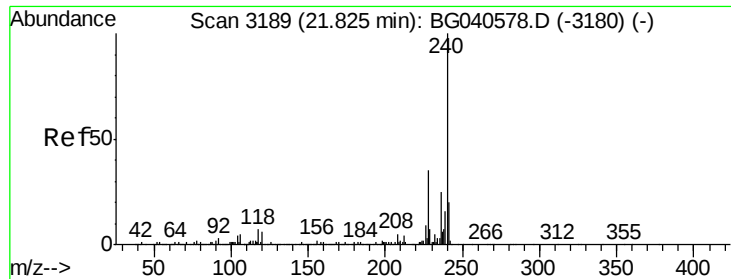
#67
 4-Bromophenyl-phenylether
 Concen: 4.666 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.48 min
 Lab File: BG040902.D
 Acq: 12 May 2019 10:23

Tgt Ion:248 Resp: 23745
 Ion Ratio Lower Upper
 248 100
 250 153.0 79.8 119.6#
 141 415.5 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: 21.79 min Scan# 3183

Delta R.T. -0.04 min

Lab File: BG040902.D

Acq: 12 May 2019 10:23

Instrument :

BNA_G

ClientSampleId :

P026-SS015-0612-01

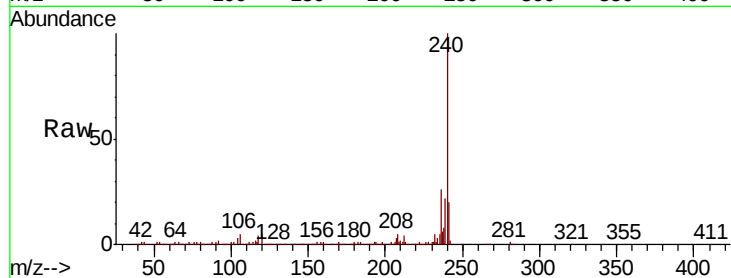
Tgt Ion:240 Resp: 412616

Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.6

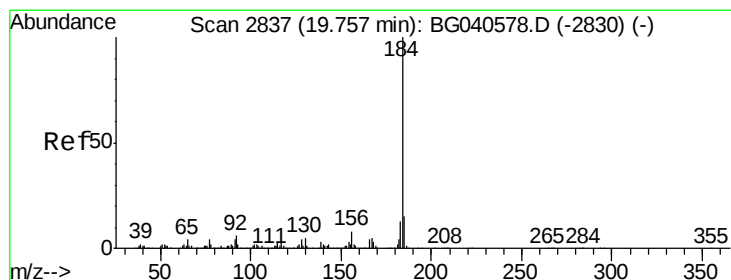
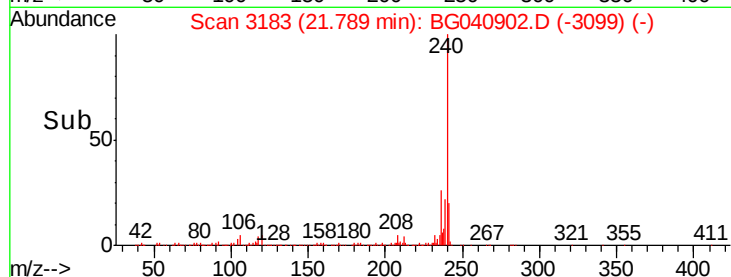
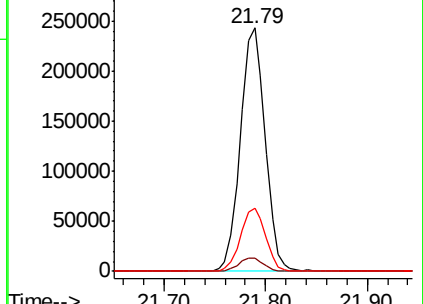
236 26.0 20.3 30.5



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



#77

Benzidine

Concen: 2.124 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.35 min

Lab File: BG040902.D

Acq: 12 May 2019 10:23

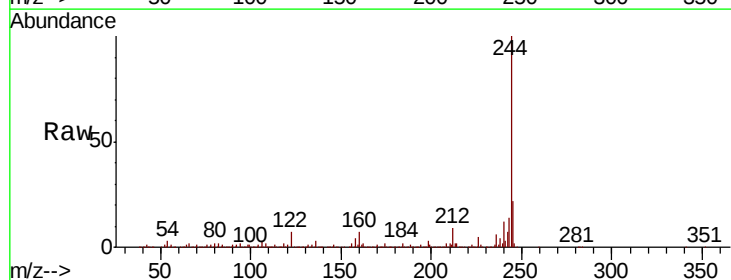
Tgt Ion:184 Resp: 23993

Ion Ratio Lower Upper

184 100

185 20.0 11.8 17.8#

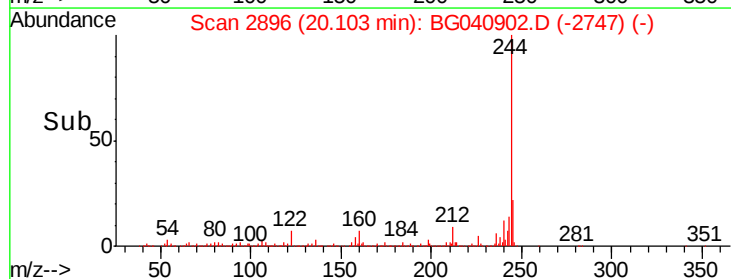
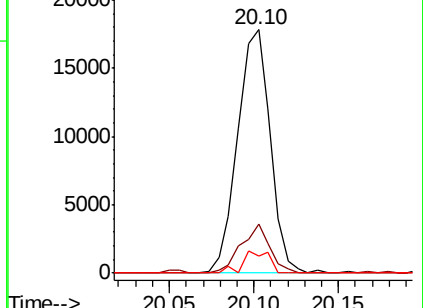
183 7.2 10.2 15.2#

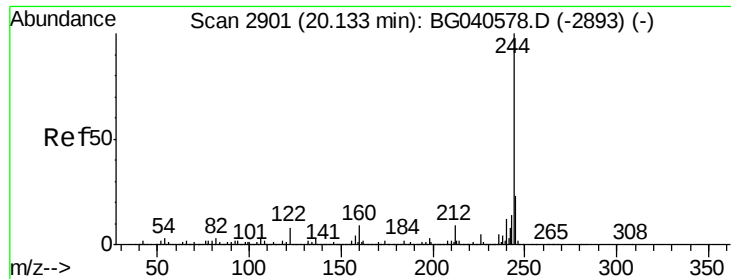


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 75.485 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040902.D

Acq: 12 May 2019 10:23

Instrument :

BNA_G

ClientSampleId :

P026-SS015-0612-01

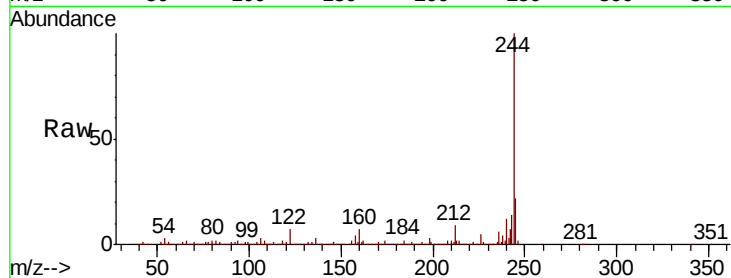
Tgt Ion:244 Resp: 1405892

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

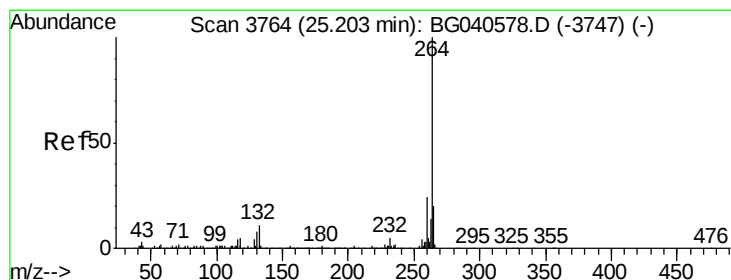
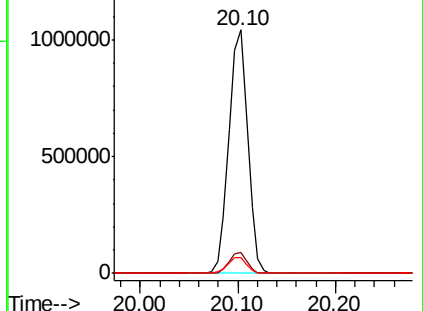
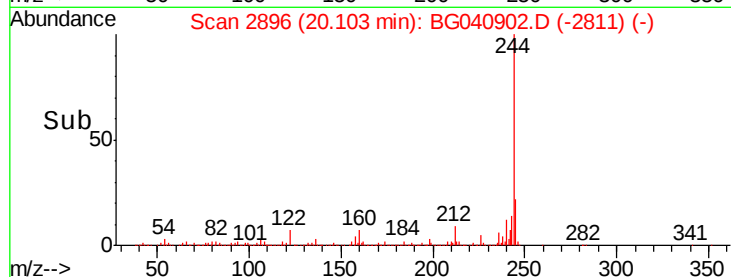
122 6.6 6.6 10.0#



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: BG040902.D

Acq: 12 May 2019 10:23

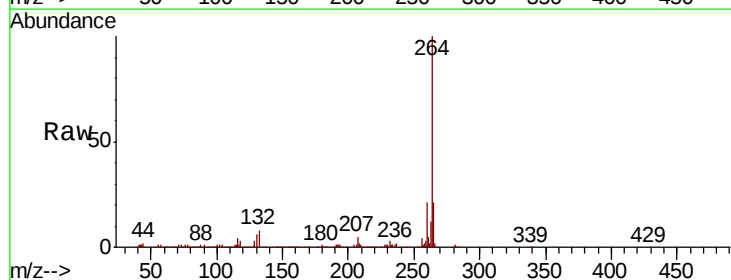
Tgt Ion:264 Resp: 439579

Ion Ratio Lower Upper

264 100

260 21.3 19.2 28.8

265 21.5 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

