

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040901.D
 Acq On : 12 May 2019 9:45
 Operator : HP/JU
 Sample : K2768-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS014-1218-01

Quant Time: May 13 03:52:48 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

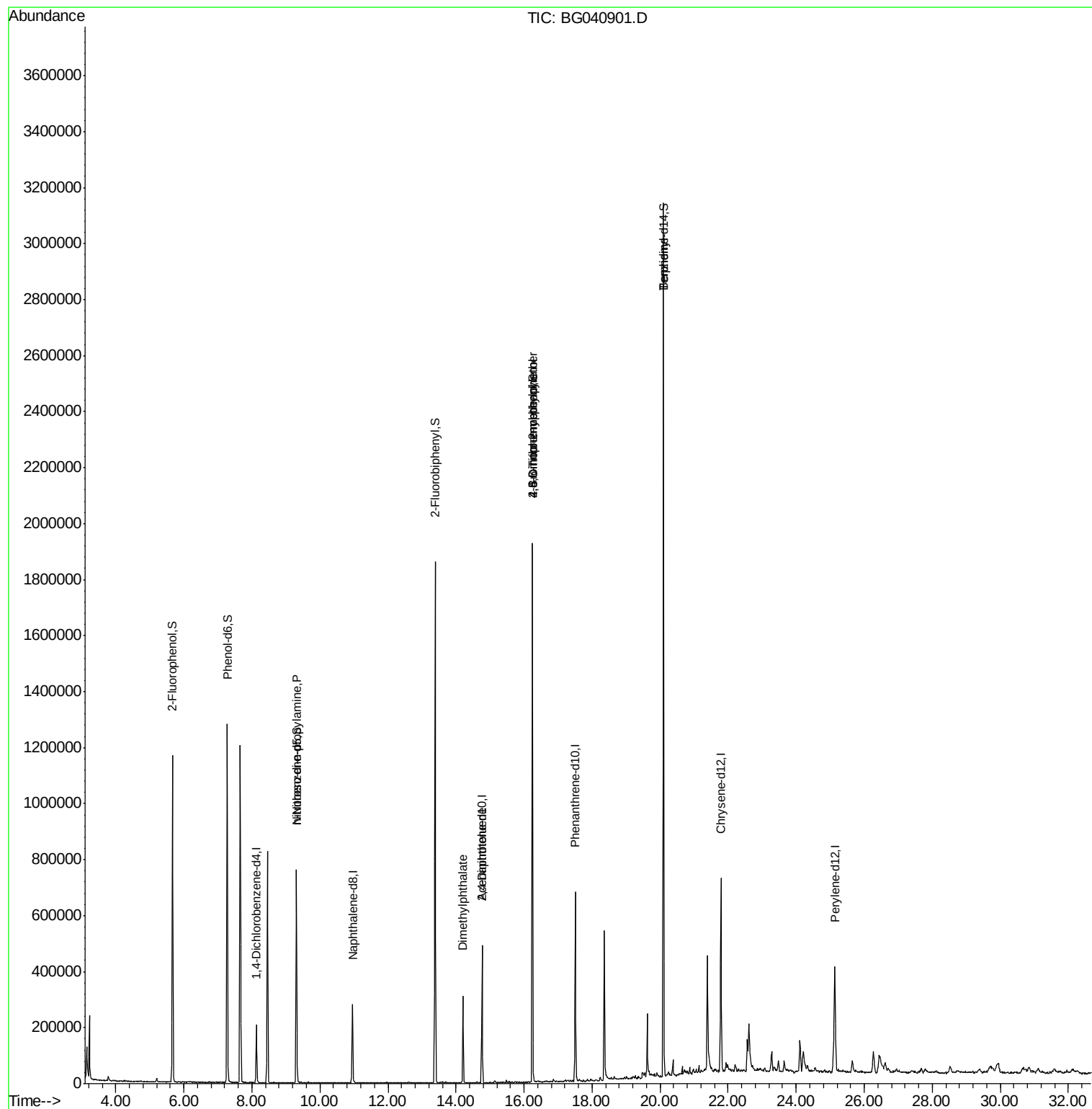
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	53847	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	227719	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	169467	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	416125	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	417560	20.00	ng	-0.04
87) Perylene-d12	25.14	264	445398	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	442874	144.98	ng	-0.02
7) Phenol-d6	7.27	99	681530	144.90	ng	-0.02
23) Nitrobenzene-d5	9.31	82	464077	94.17	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	357578	153.51	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	937374	79.88	ng	-0.03
79) Terphenyl-d14	20.10	244	1476068	78.31	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	1501	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.31	70	66447	15.694	ng	# 71
50) Dimethylphthalate	14.21	163	201719	14.227	ng	# 98
57) 2,4-Dinitrotoluene	14.76	165	21307	5.666	ng	# 16
65) 4,6-Dinitro-2-methylphenol	16.25	198	1102	7.559	ng	# 17
67) 4-Bromophenyl-phenylether	16.25	248	27168	5.240	ng	# 1
77) Benizidine	20.10	184	26332	2.303	ng	# 89

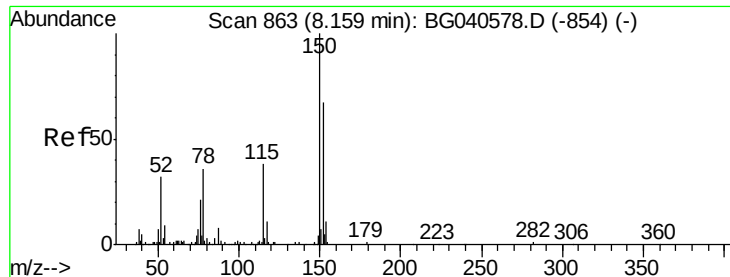
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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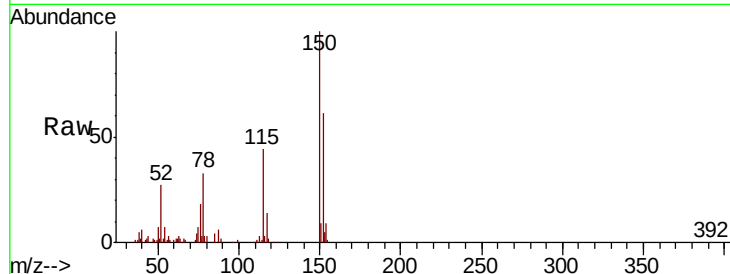


#1

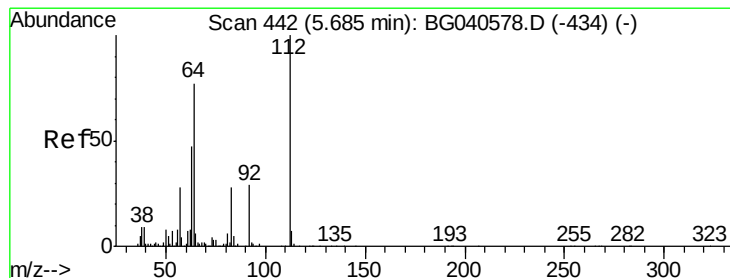
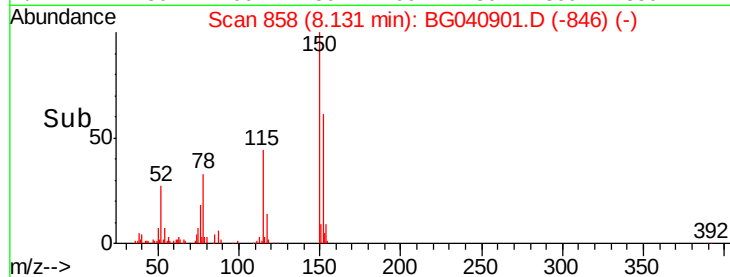
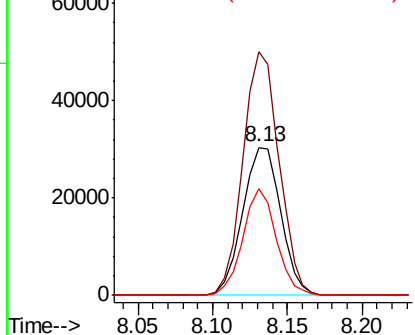
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: BG040901.D
 Acq: 12 May 2019 9:45

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS014-1218-01

Tgt Ion:152 Resp: 53847
 Ion Ratio Lower Upper
 152 100
 150 164.7 120.2 180.2
 115 71.7 46.2 69.2#



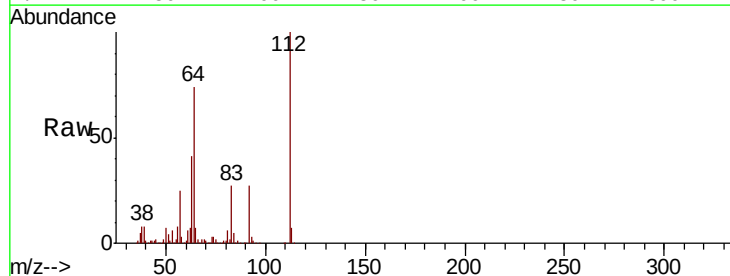
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



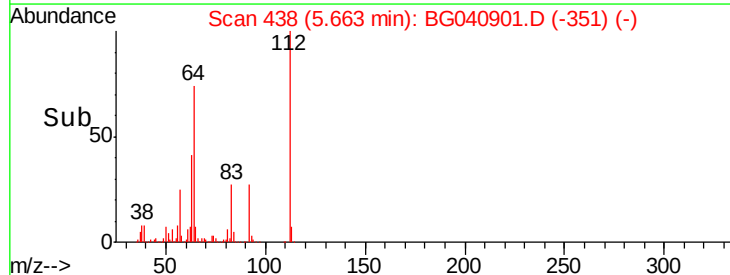
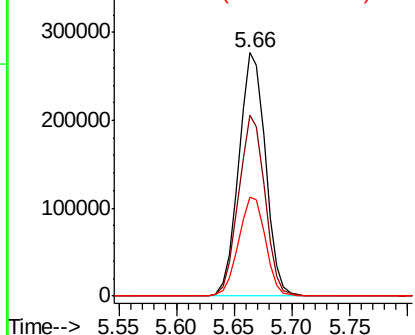
#5

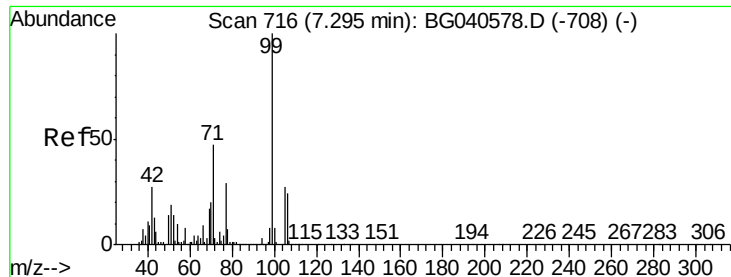
2-Fluorophenol
 Concen: 144.982 ng
 RT: 5.66 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BG040901.D
 Acq: 12 May 2019 9:45

Tgt Ion:112 Resp: 442874
 Ion Ratio Lower Upper
 112 100
 64 74.3 61.4 92.0
 63 40.8 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 144.903 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040901.D

Acq: 12 May 2019 9:45

Instrument :

BNA_G

ClientSampleId :

P026-SS014-1218-01

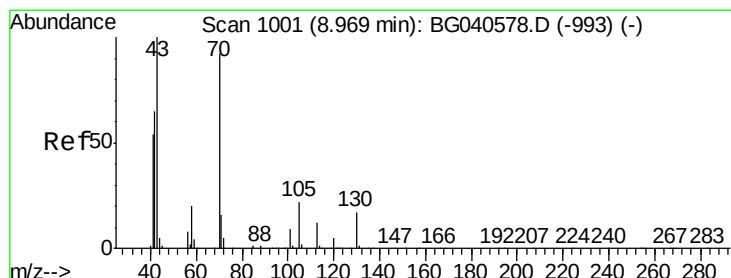
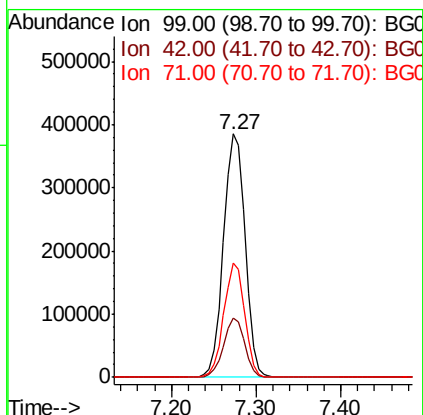
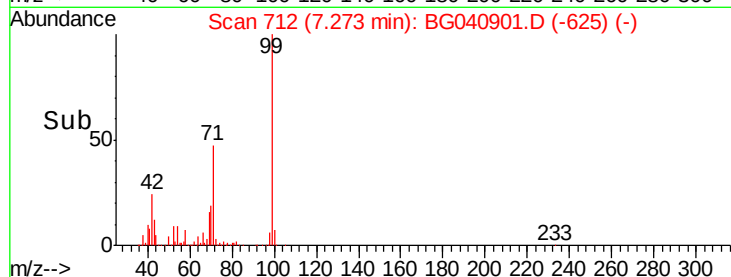
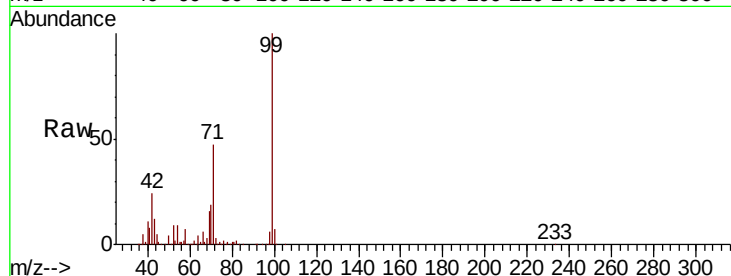
Tgt Ion: 99 Resp: 681530

Ion Ratio Lower Upper

99 100

42 24.4 21.8 32.8

71 47.1 38.6 57.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.694 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040901.D

Acq: 12 May 2019 9:45

Tgt Ion: 70 Resp: 66447

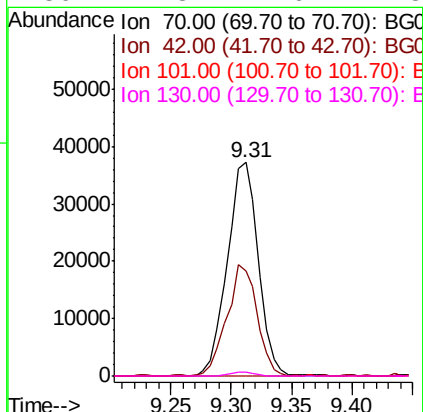
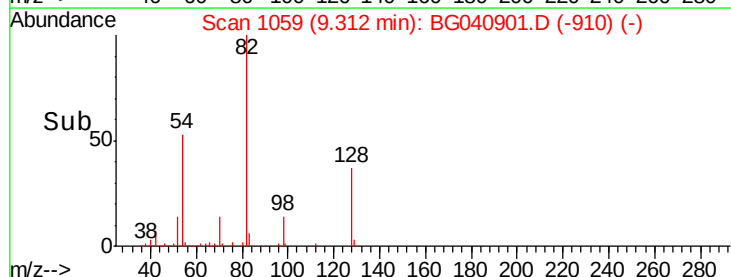
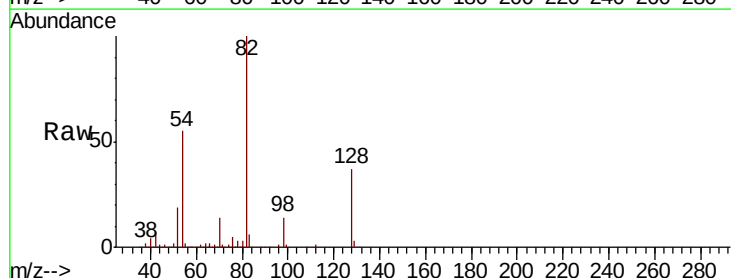
Ion Ratio Lower Upper

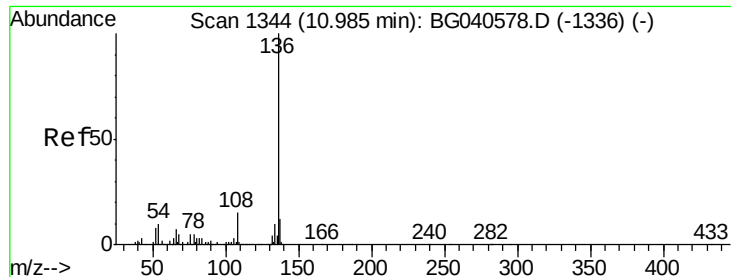
70 100

42 49.1 57.1 85.7#

101 0.0 7.8 11.8#

130 1.8 14.6 21.8#

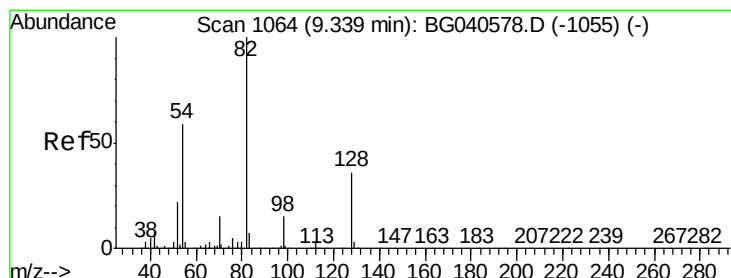
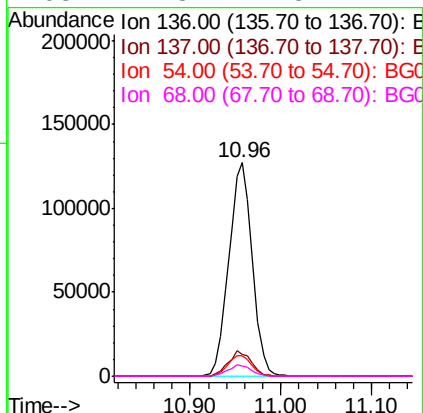
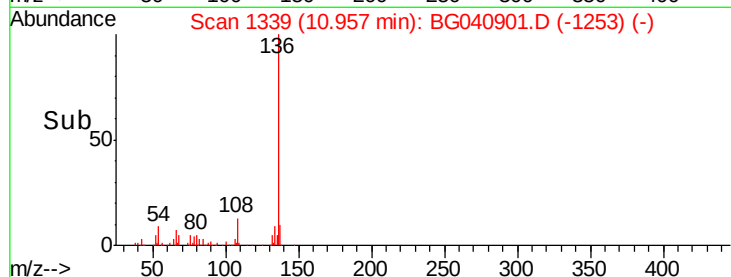
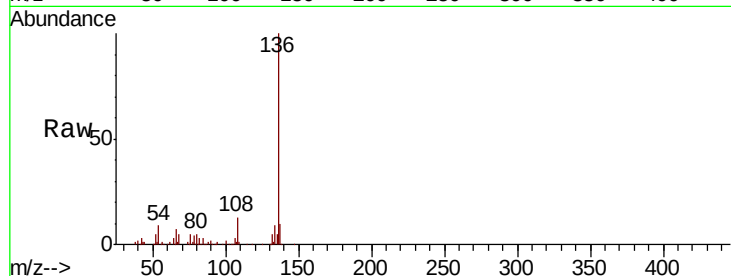




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040901.D
Acq: 12 May 2019 9:45

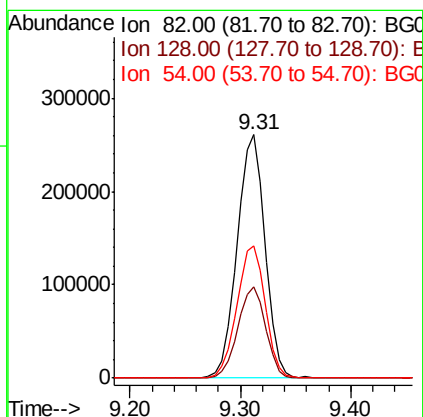
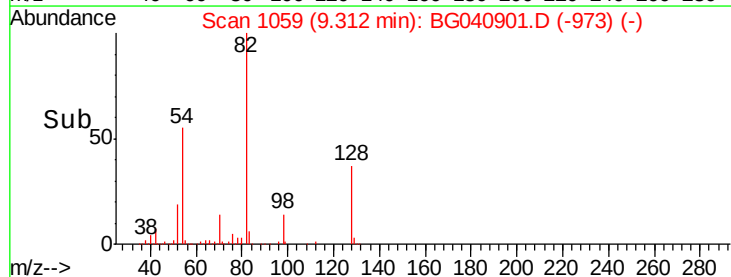
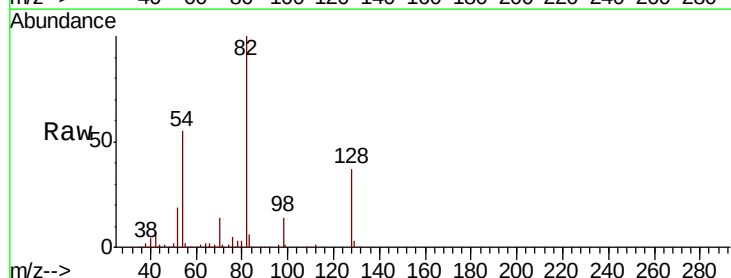
Instrument :
BNA_G
ClientSampleId :
P026-SS014-1218-01

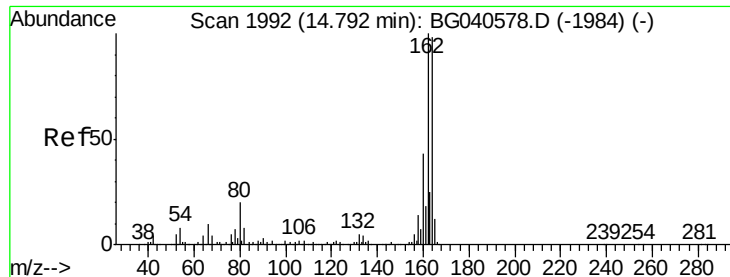
Tgt Ion:	136	Resp:	227719
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.7	14.5
54	9.3	8.6	12.8
68	4.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 94.165 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040901.D
Acq: 12 May 2019 9:45

Tgt Ion:	82	Resp:	464077
Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.9	43.3
54	54.5	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: BG040901.D

Acq: 12 May 2019 9:45

Instrument :

BNA_G

ClientSampleId :

P026-SS014-1218-01

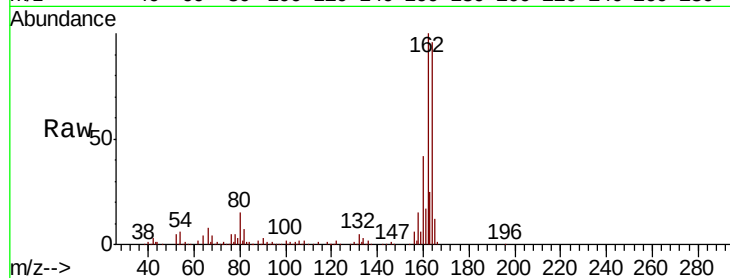
Tgt Ion:164 Resp: 169467

Ion Ratio Lower Upper

164 100

162 103.8 81.9 122.9

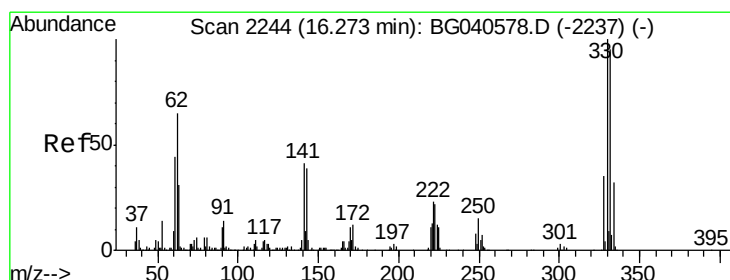
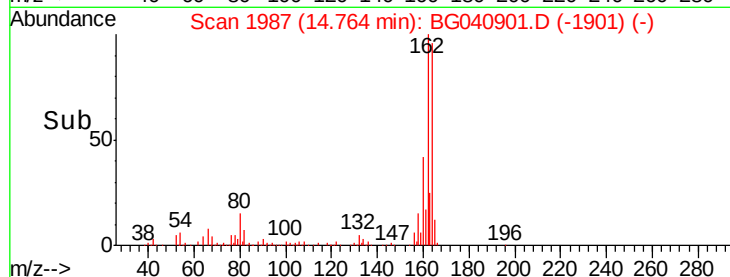
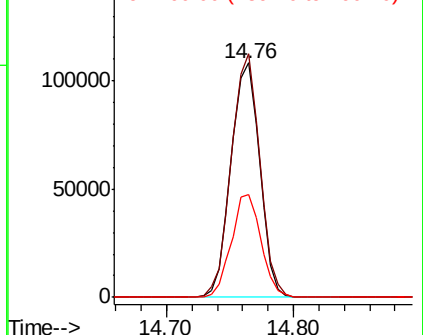
160 43.9 35.4 53.2



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: 153.509 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040901.D

Acq: 12 May 2019 9:45

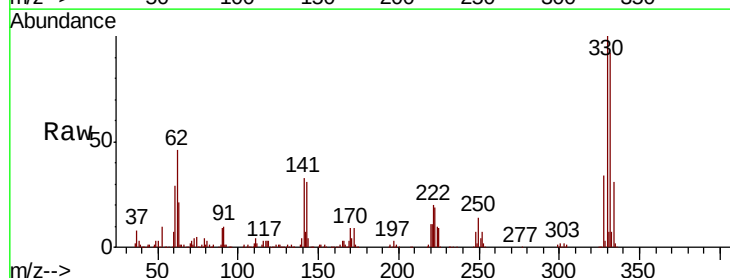
Tgt Ion:330 Resp: 357578

Ion Ratio Lower Upper

330 100

332 94.9 75.9 113.9

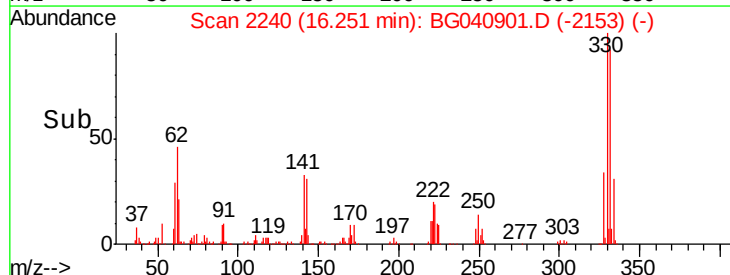
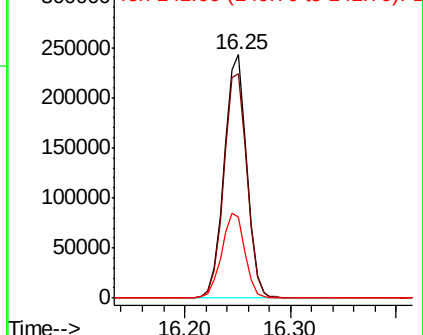
141 35.9 32.4 48.6

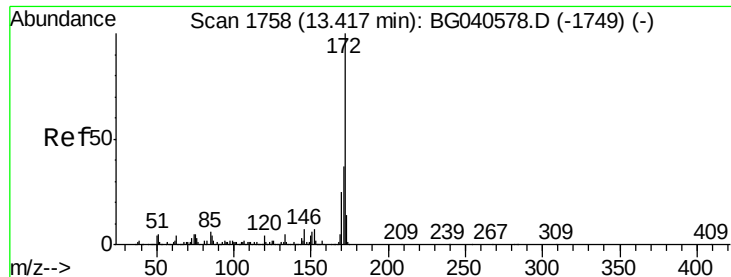


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

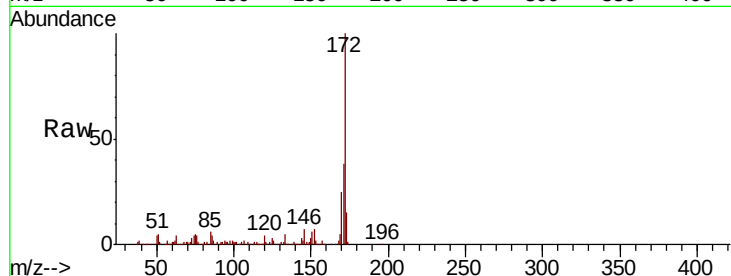




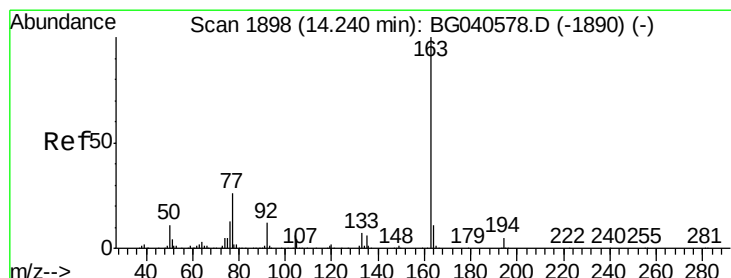
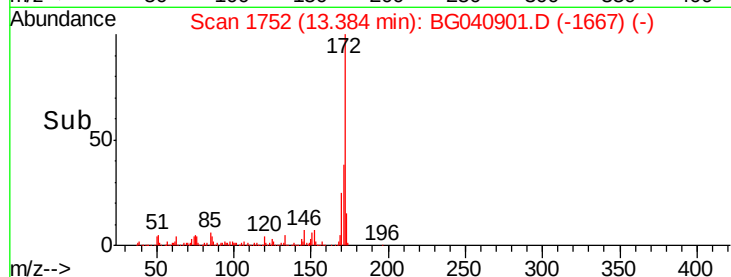
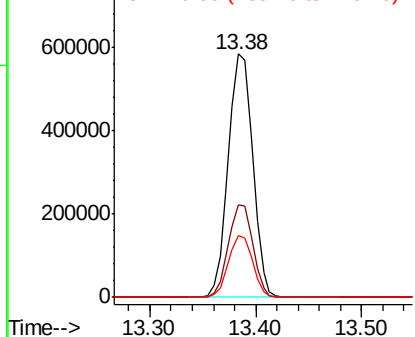
#45
2-Fluorobiphenyl
Concen: 79.883 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040901.D
Acq: 12 May 2019 9:45

Instrument :
BNA_G
ClientSampleId :
P026-SS014-1218-01

Tgt Ion:	172	Resp:	937374
Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.4	19.9	29.9

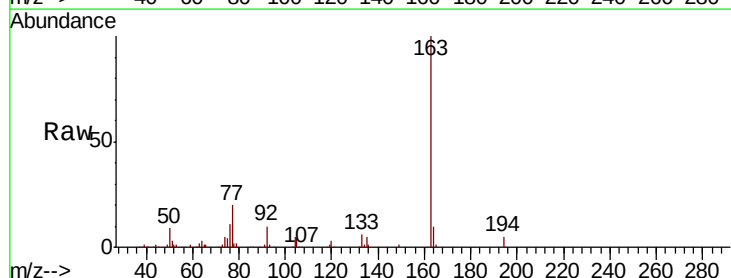


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

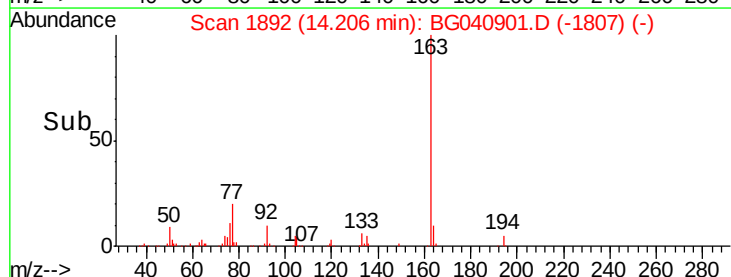
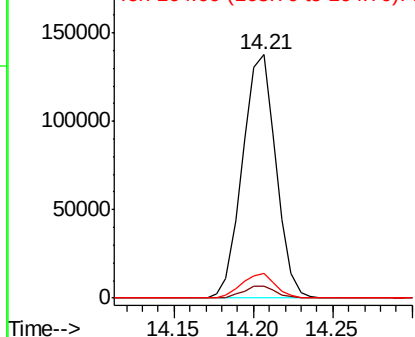


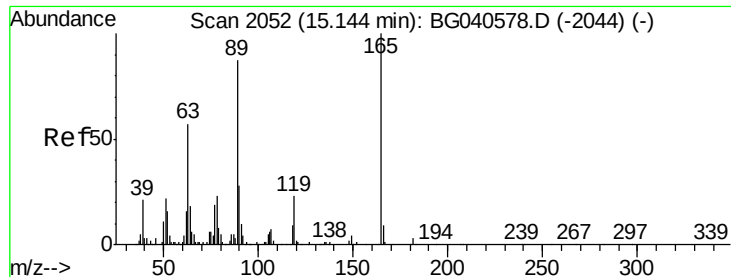
#50
Dimethylphthalate
Concen: 14.227 ng
RT: 14.21 min Scan# 1892
Delta R.T. -0.03 min
Lab File: BG040901.D
Acq: 12 May 2019 9:45

Tgt Ion:	163	Resp:	201719
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	9.9	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#57

2,4-Dinitrotoluene

Concen: 5.666 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.38 min

Lab File: BG040901.D

Acq: 12 May 2019 9:45

Instrument :

BNA_G

ClientSampleId :

P026-SS014-1218-01

Tgt Ion:165 Resp: 21307

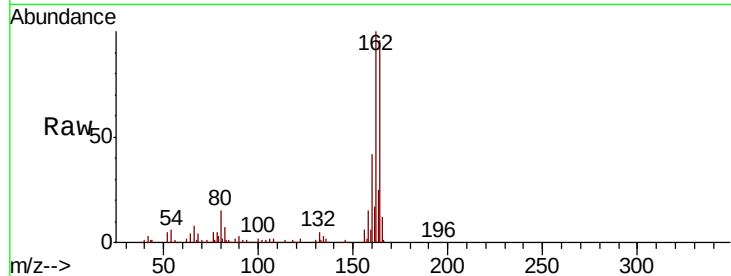
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.8#

89 2.7 69.4 104.2#

182 0.0 2.2 3.4#

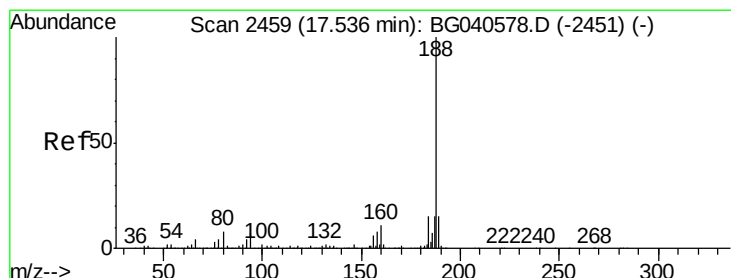
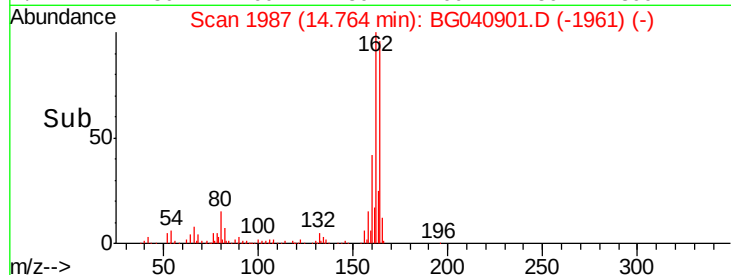
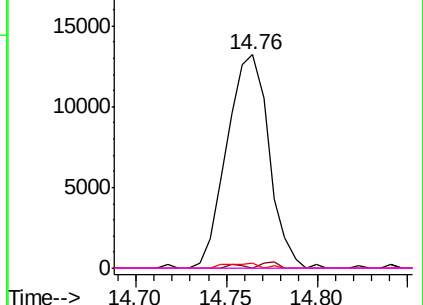


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BG040901.D

Acq: 12 May 2019 9:45

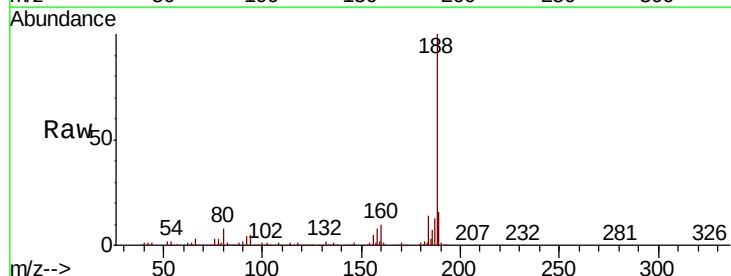
Tgt Ion:188 Resp: 416125

Ion Ratio Lower Upper

188 100

94 5.4 5.6 8.4#

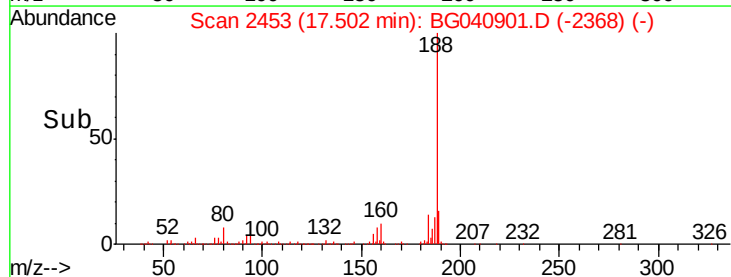
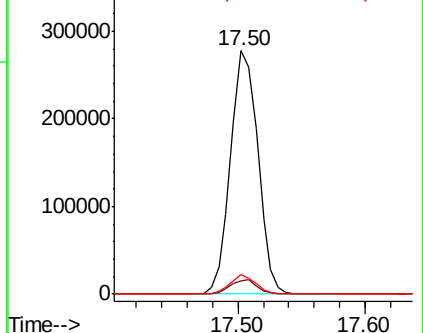
80 7.9 6.4 9.6

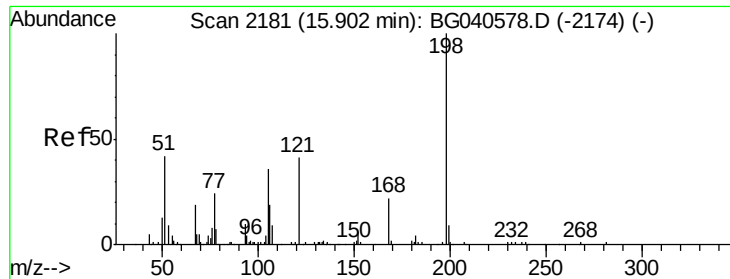


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

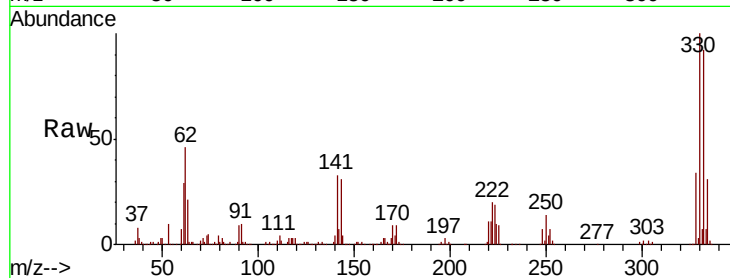




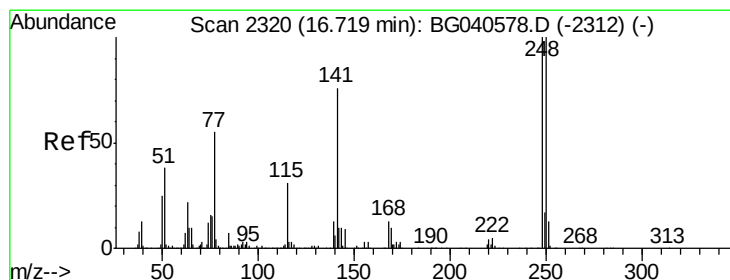
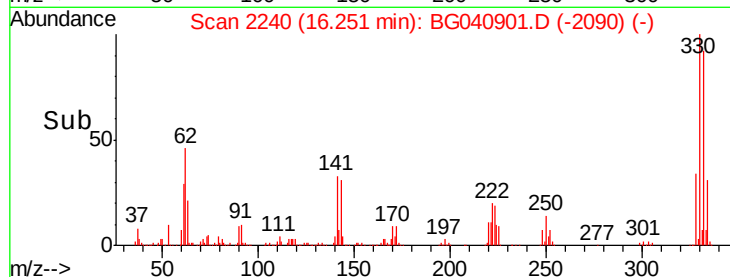
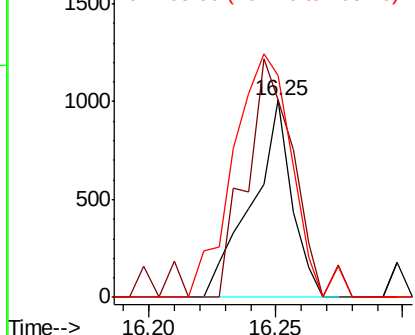
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.559 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.35 min
 Lab File: BG040901.D
 Acq: 12 May 2019 9:45

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS014-1218-01

Tgt Ion:198 Resp: 1102
 Ion Ratio Lower Upper
 198 100
 51 99.9 35.9 75.9#
 105 112.7 21.2 61.2#

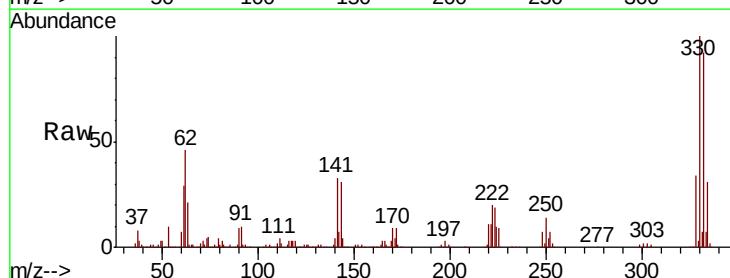


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

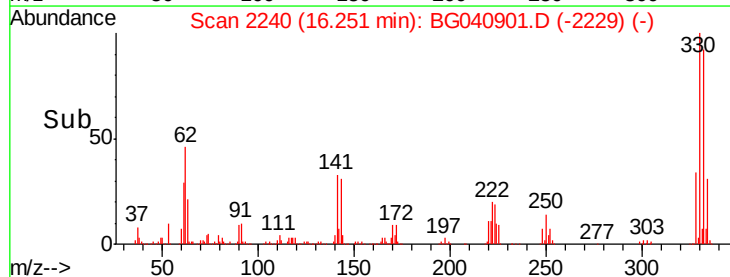
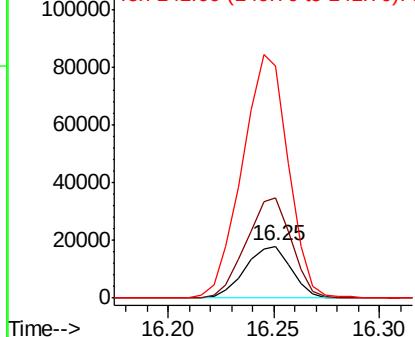


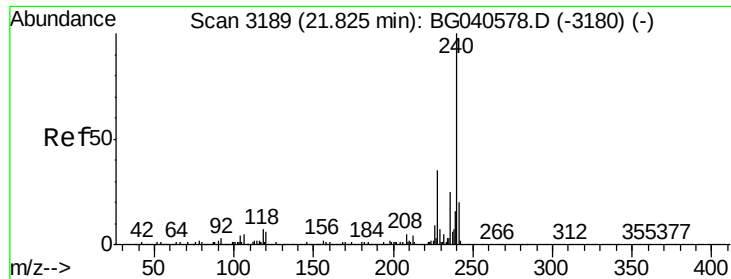
#67
 4-Bromophenyl-phenylether
 Concen: 5.240 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.47 min
 Lab File: BG040901.D
 Acq: 12 May 2019 9:45

Tgt Ion:248 Resp: 27168
 Ion Ratio Lower Upper
 248 100
 250 195.0 79.8 119.6#
 141 450.6 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

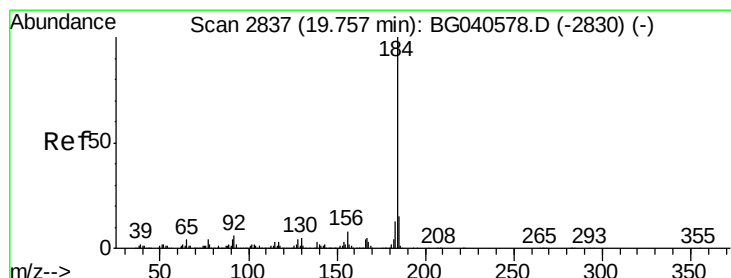
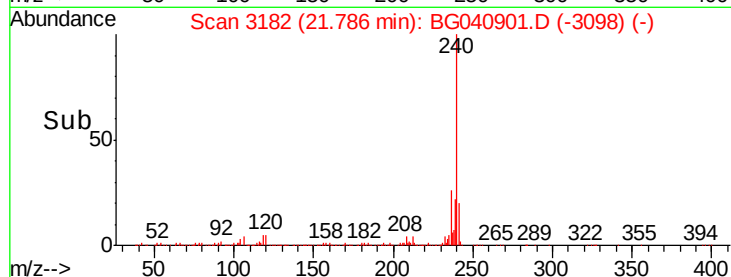
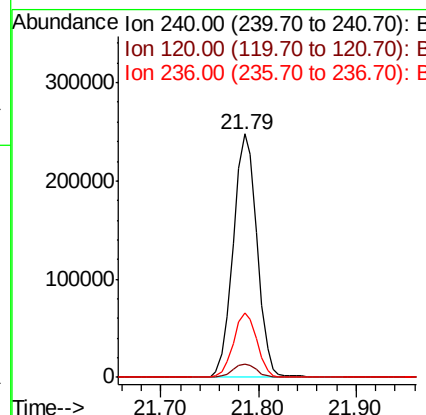
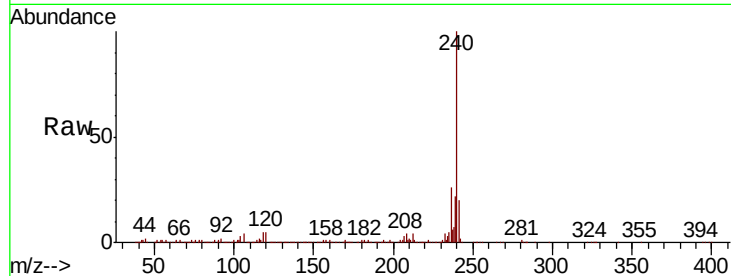




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3182
 Delta R.T. -0.04 min
 Lab File: BG040901.D
 Acq: 12 May 2019 9:45

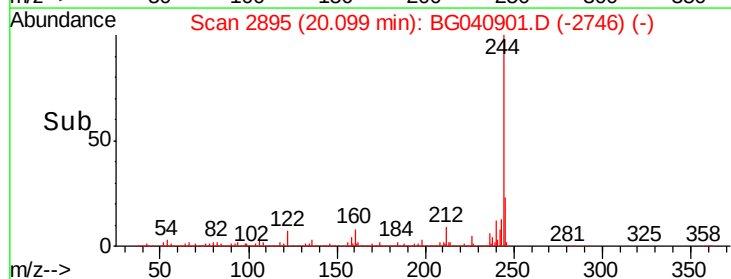
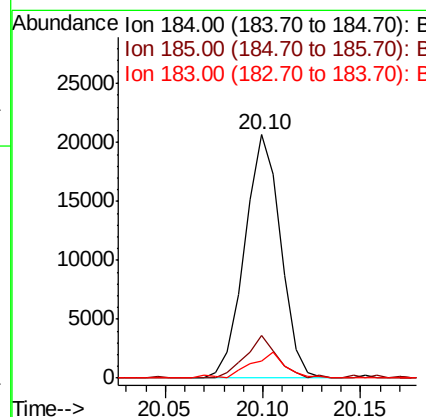
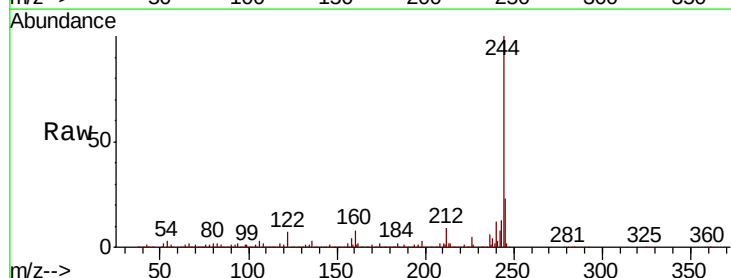
Instrument :
 BNA_G
 ClientSampleId :
 P026-SS014-1218-01

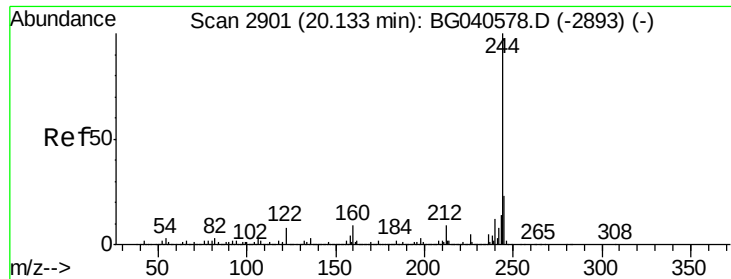
Tgt Ion:240 Resp: 417560
 Ion Ratio Lower Upper
 240 100
 120 5.5 5.0 7.6
 236 26.4 20.3 30.5



#77
 Benzidine
 Concen: 2.303 ng
 RT: 20.10 min Scan# 2895
 Delta R.T. 0.34 min
 Lab File: BG040901.D
 Acq: 12 May 2019 9:45

Tgt Ion:184 Resp: 26332
 Ion Ratio Lower Upper
 184 100
 185 17.7 11.8 17.8
 183 6.8 10.2 15.2#





#79

Terphenyl-d14

Concen: 78.315 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040901.D

Acq: 12 May 2019 9:45

Instrument :

BNA_G

ClientSampleId :

P026-SS014-1218-01

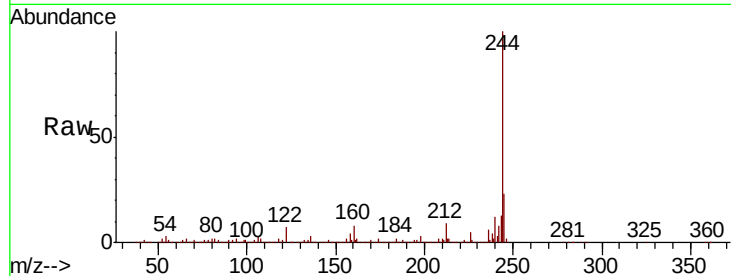
Tgt Ion:244 Resp: 1476068

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

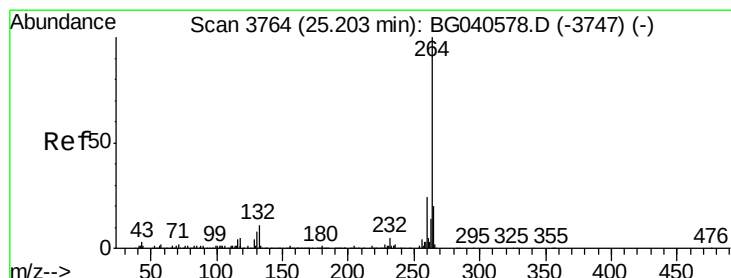
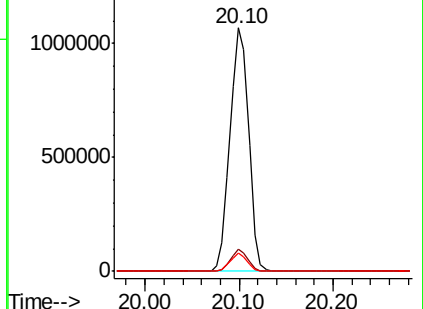
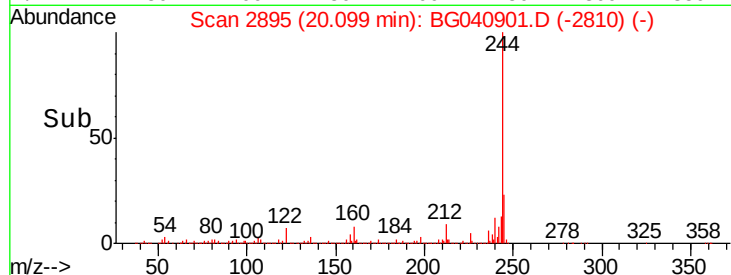
122 7.4 6.6 10.0



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: BG040901.D

Acq: 12 May 2019 9:45

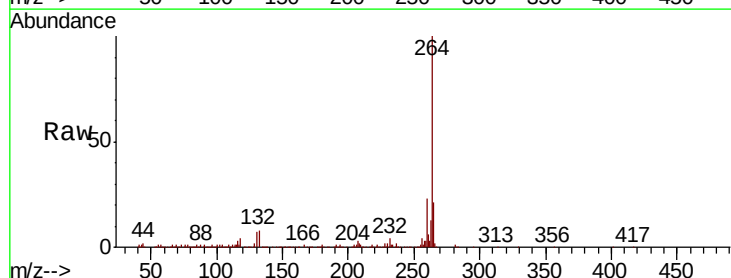
Tgt Ion:264 Resp: 445398

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.9 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

