

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
 Data File : BG040919.D
 Acq On : 13 May 2019 20:03
 Operator : HP/JU
 Sample : K2800-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFFL-4

Quant Time: May 14 01:49:25 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

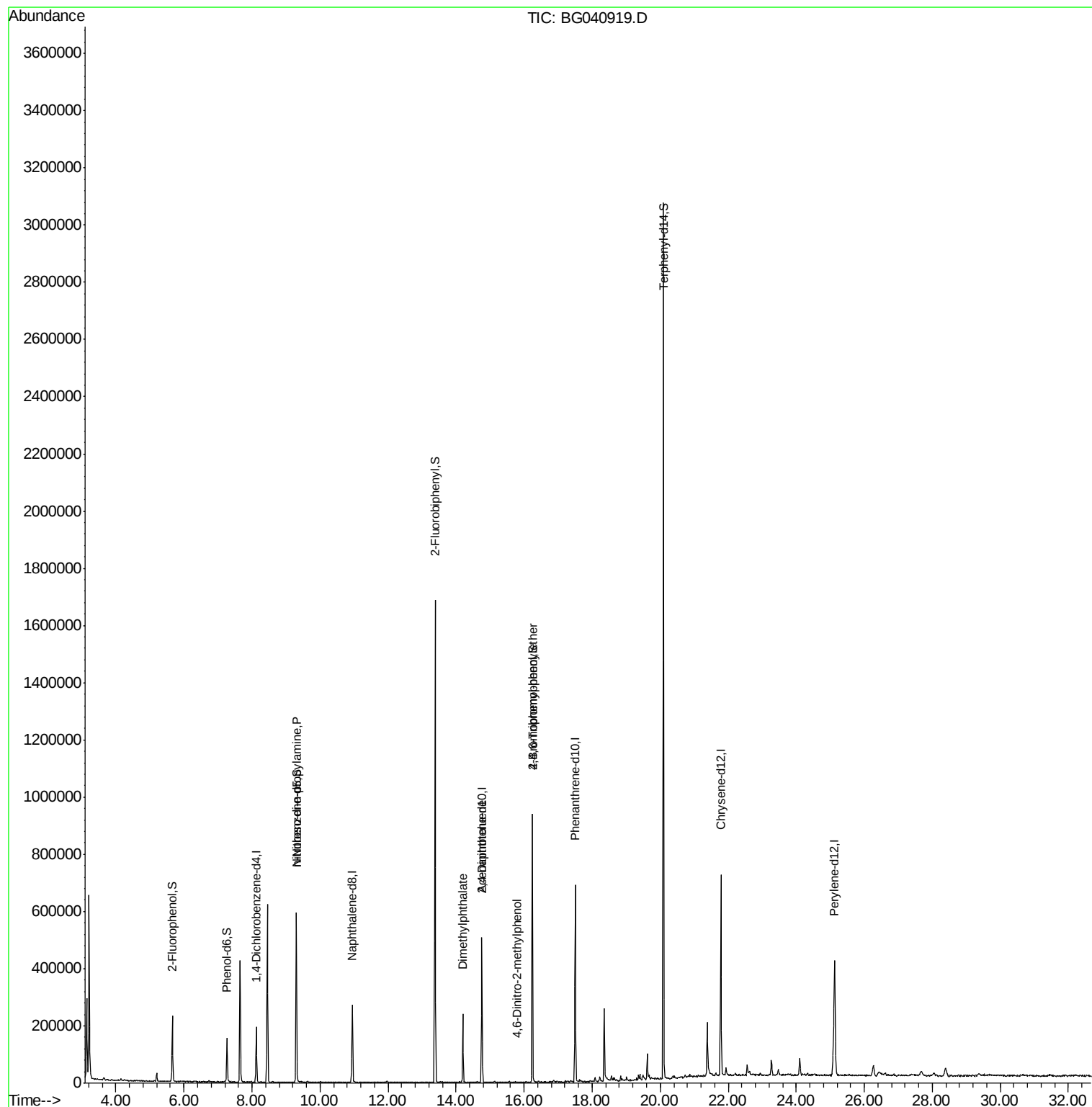
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	49773	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	217250	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	169725	20.00	ng	-0.04
64) Phenanthrene-d10	17.50	188	438855	20.00	ng	-0.04
76) Chrysene-d12	21.78	240	434184	20.00	ng	-0.04
87) Perylene-d12	25.13	264	468791	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	91567	32.43	ng	-0.02
7) Phenol-d6	7.27	99	84068	19.34	ng	-0.03
23) Nitrobenzene-d5	9.30	82	357105	75.95	ng	-0.04
42) 2,4,6-Tribromophenol	16.24	330	176526	75.67	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	869992	74.03	ng	-0.04
79) Terphenyl-d14	20.10	244	1461973	74.60	ng	-0.04
Target Compounds						
9) Benzaldehyde	7.27	77	212	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.30	70	49878	12.745	ng	# 71
50) Dimethylphthalate	14.20	163	146231	10.298	ng	# 97
57) 2,4-Dinitrotoluene	14.76	165	22283	5.917	ng	# 15
65) 4,6-Dinitro-2-methylphenol	15.79	198	54	7.122	ng	# 28
67) 4-Bromophenyl-phenylether	16.24	248	13157	2.406	ng	# 1

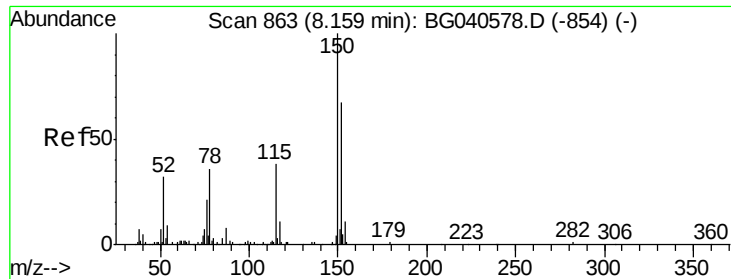
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
Data File : BG040919.D
Acq On : 13 May 2019 20:03
Operator : HP/JU
Sample : K2800-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFFL-4

Quant Time: May 14 01:49:25 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



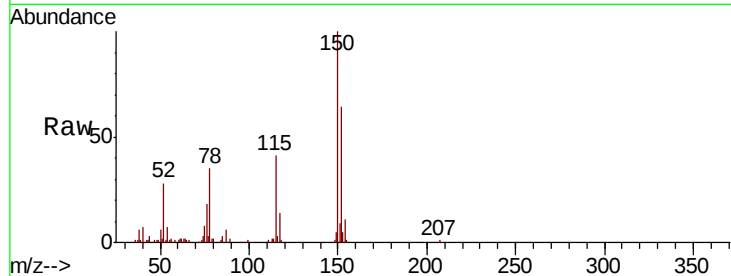


#1

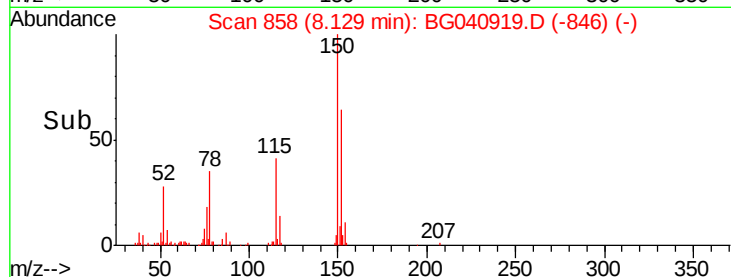
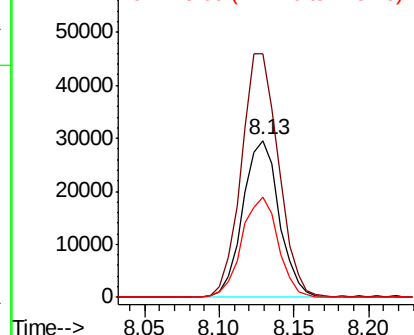
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Instrument :
BNA_G
ClientSampleId :
EFFL-4

Tgt Ion:152 Resp: 49773
Ion Ratio Lower Upper
152 100
150 155.2 120.2 180.2
115 63.8 46.2 69.2



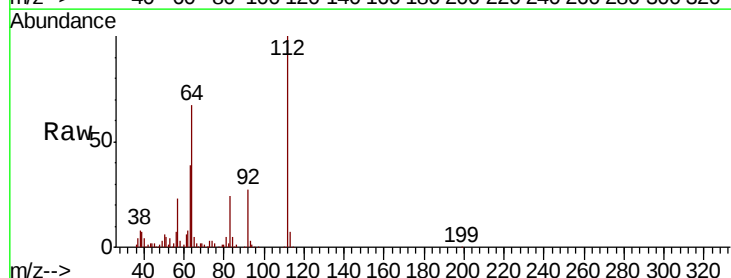
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



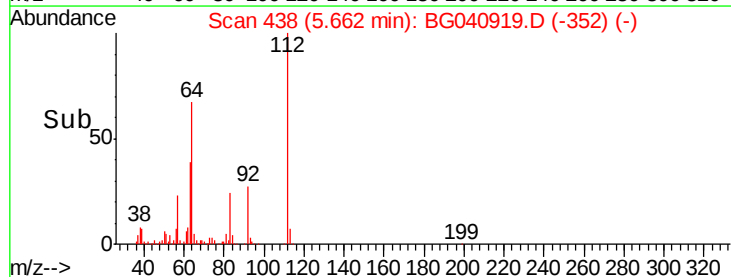
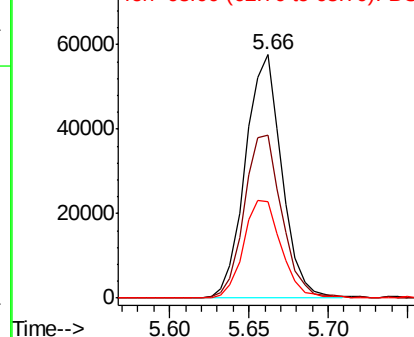
#5

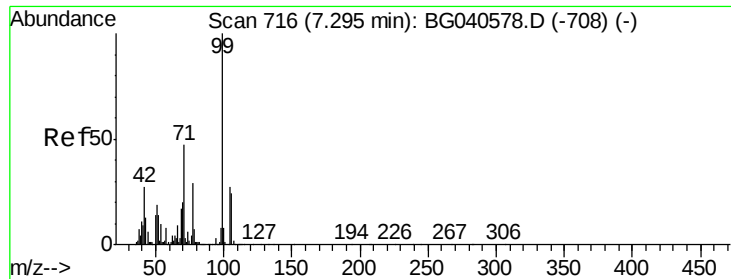
2-Fluorophenol
Concen: 32.429 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Tgt Ion:112 Resp: 91567
Ion Ratio Lower Upper
112 100
64 66.8 61.4 92.0
63 39.4 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: 19.337 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

Instrument :

BNA_G

ClientSampleId :

EFFL-4

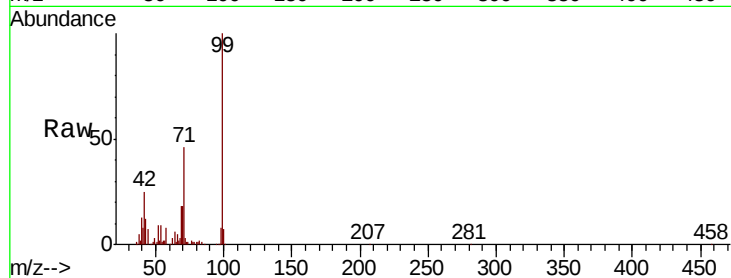
Tgt Ion: 99 Resp: 84068

Ion Ratio Lower Upper

99 100

42 25.1 21.8 32.8

71 46.1 38.6 57.8

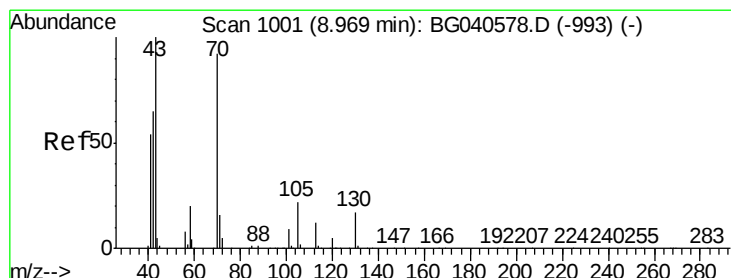
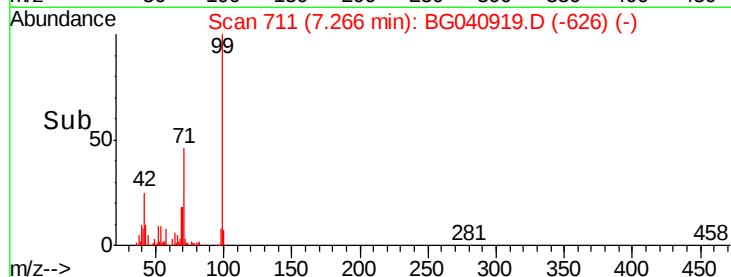
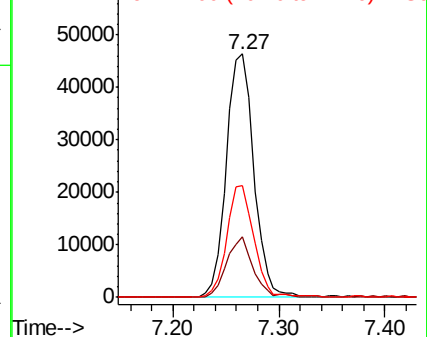


Abundance

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: 12.745 ng

RT: 9.30 min Scan# 1058

Delta R.T. 0.34 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

Tgt Ion: 70 Resp: 49878

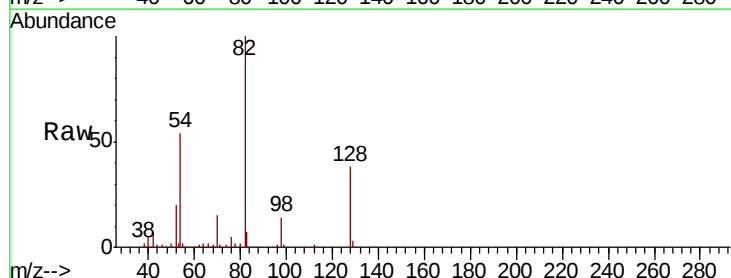
Ion Ratio Lower Upper

70 100

42 48.6 57.1 85.7#

101 0.0 7.8 11.8#

130 1.3 14.6 21.8#



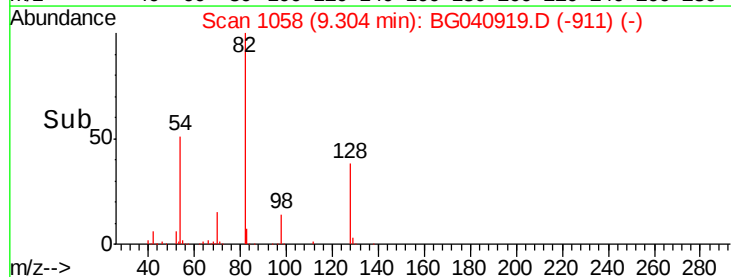
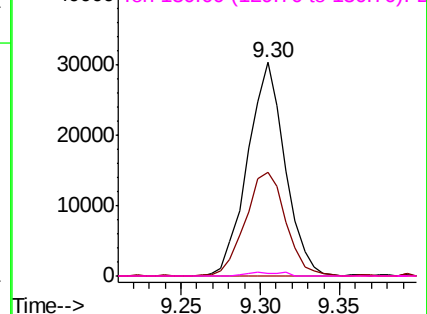
Abundance

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

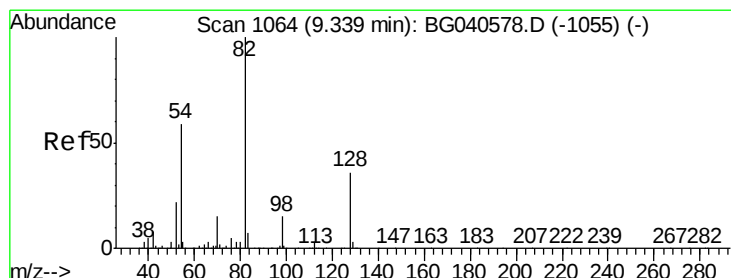
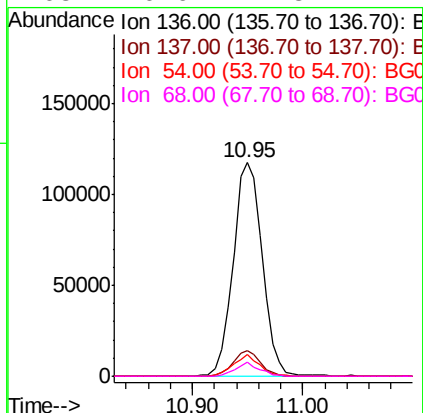
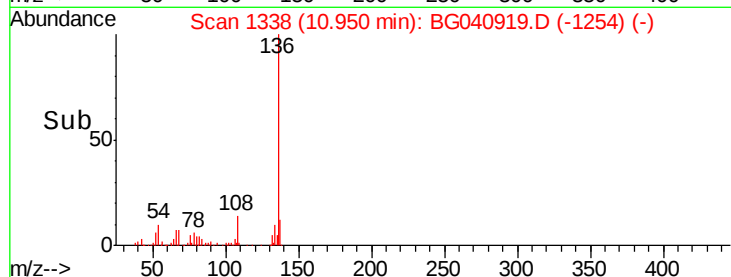
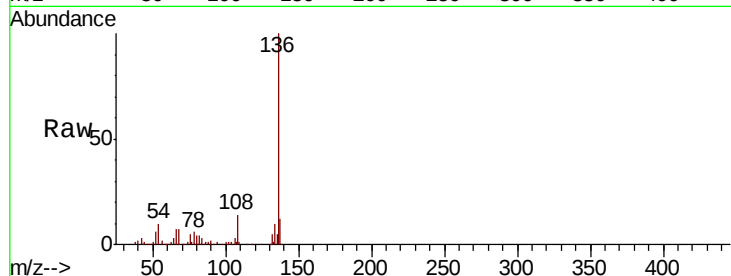




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.04 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

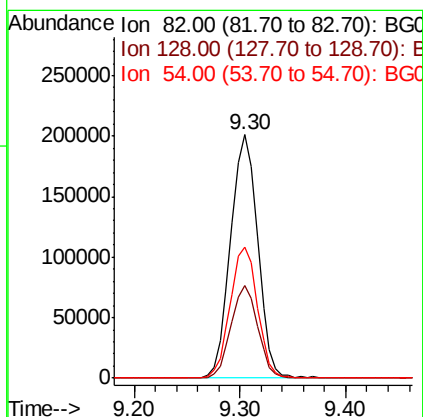
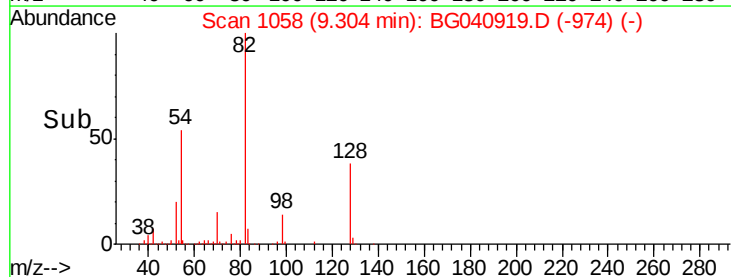
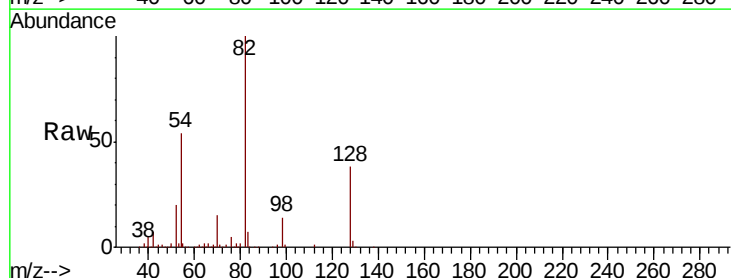
Instrument :
BNA_G
ClientSampleId :
EFFL-4

Tgt Ion:	136	Resp:	217250
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	10.5	8.6	12.8
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 75.952 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.04 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Tgt Ion:	82	Resp:	357105
Ion	Ratio	Lower	Upper
82	100		
128	38.0	28.9	43.3
54	54.0	47.2	70.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.04 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

Instrument :

BNA_G

ClientSampleId :

EFFL-4

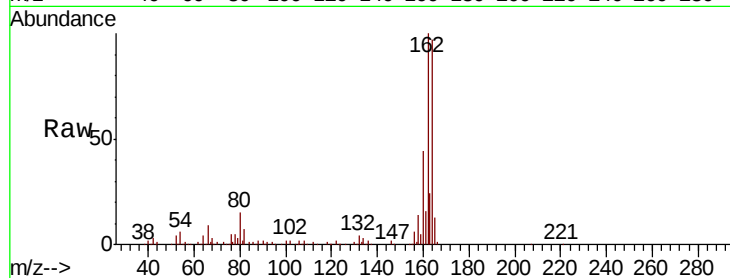
Tgt Ion:164 Resp: 169725

Ion Ratio Lower Upper

164 100

162 103.0 81.9 122.9

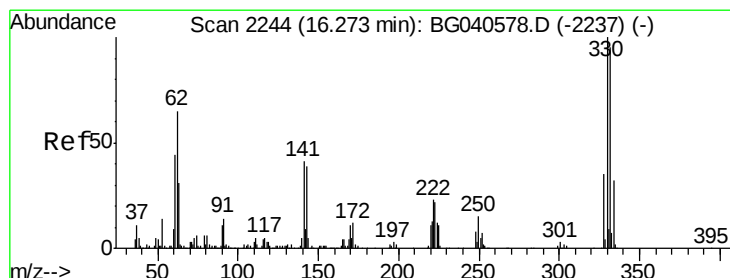
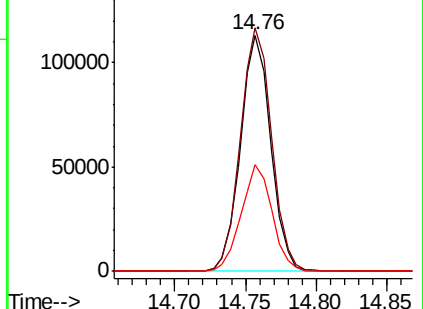
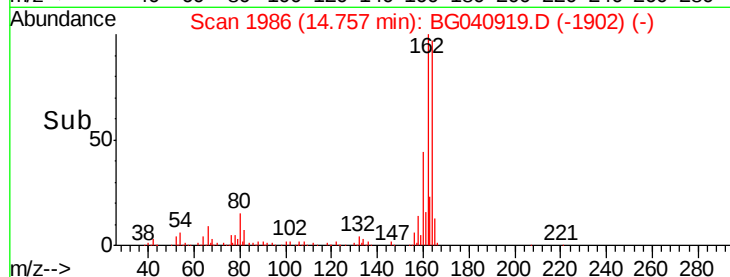
160 44.9 35.4 53.2



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: 75.668 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.03 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

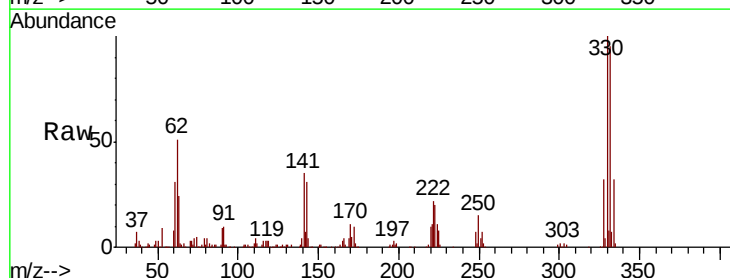
Tgt Ion:330 Resp: 176526

Ion Ratio Lower Upper

330 100

332 94.7 75.9 113.9

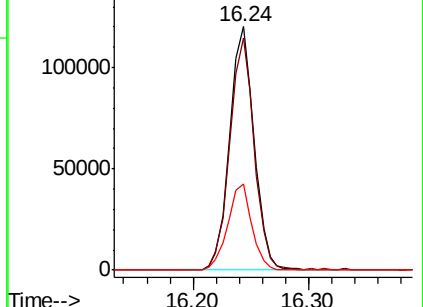
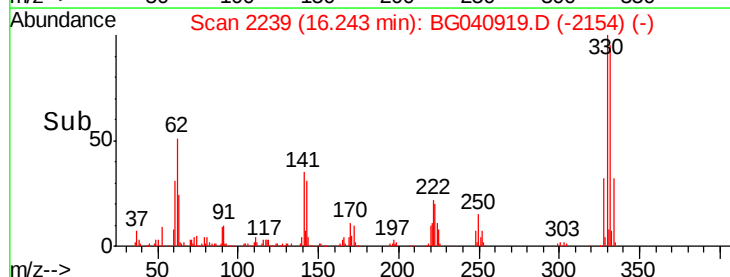
141 34.6 32.4 48.6



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

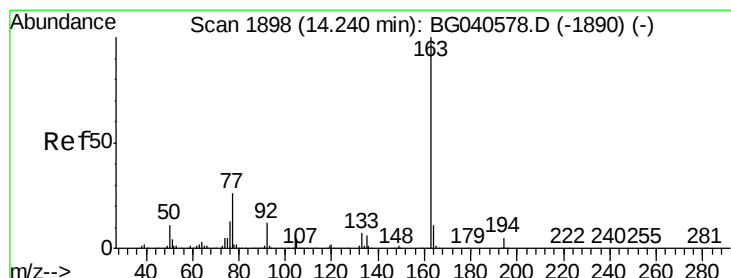
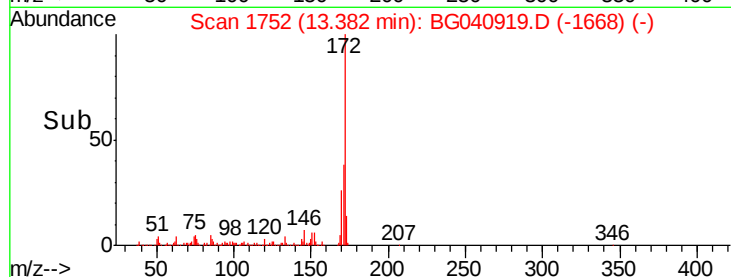
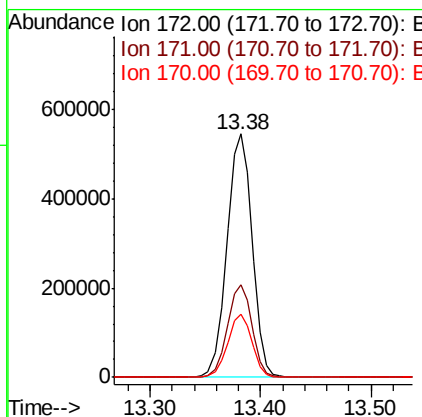
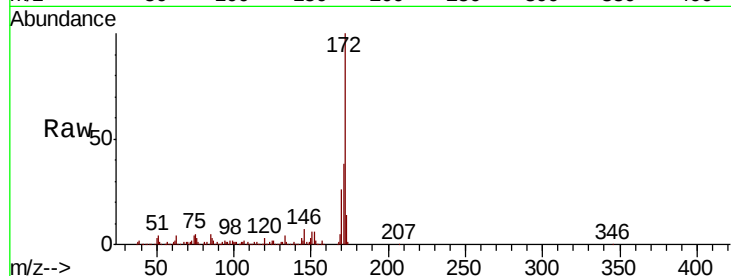




#45
 2-Fluorobiphenyl
 Concen: 74.028 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.04 min
 Lab File: BG040919.D
 Acq: 13 May 2019 20:03

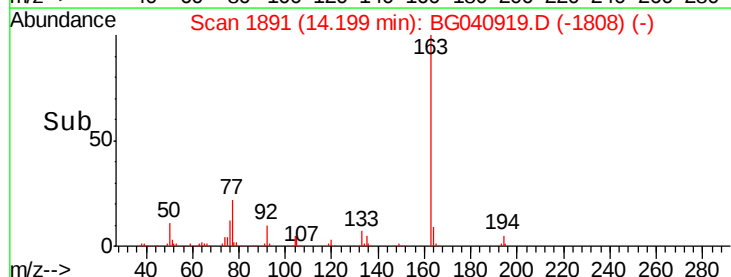
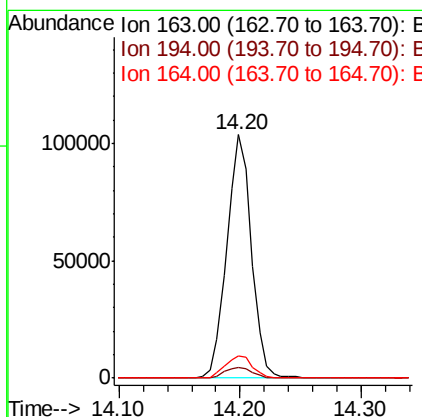
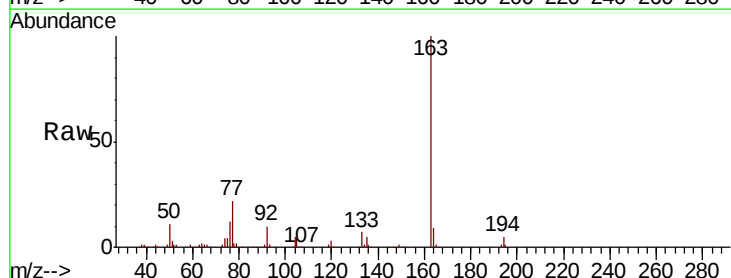
Instrument :
 BNA_G
 ClientSampleId :
 EFFL-4

Tgt Ion:	172	Resp:	869992
Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.9	19.9	29.9



#50
 Dimethylphthalate
 Concen: 10.298 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.04 min
 Lab File: BG040919.D
 Acq: 13 May 2019 20:03

Tgt Ion:	163	Resp:	146231
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.8
164	9.3	8.8	13.2





#57

2,4-Dinitrotoluene

Concen: 5.917 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.39 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

Instrument :

BNA_G

ClientSampleId :

EFFL-4

Tgt Ion:165 Resp: 22283

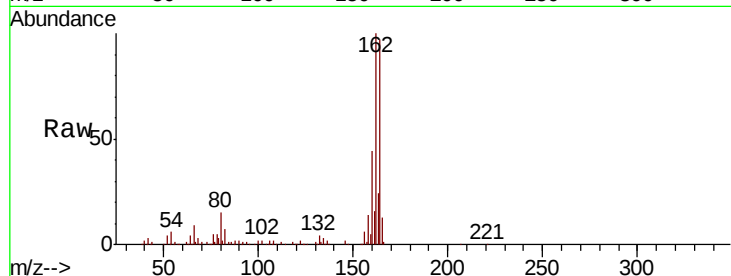
Ion Ratio Lower Upper

165 100

63 1.5 45.8 68.8#

89 0.0 69.4 104.2#

182 0.0 2.2 3.4#

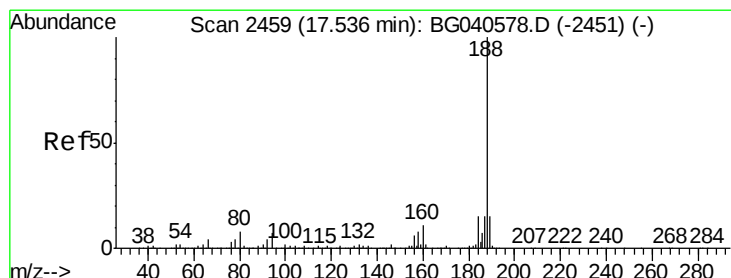
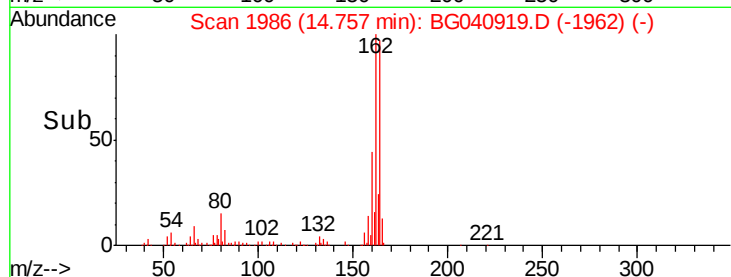
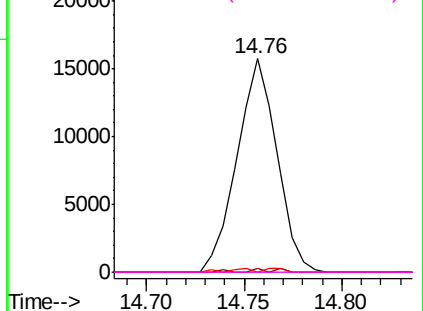


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.04 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

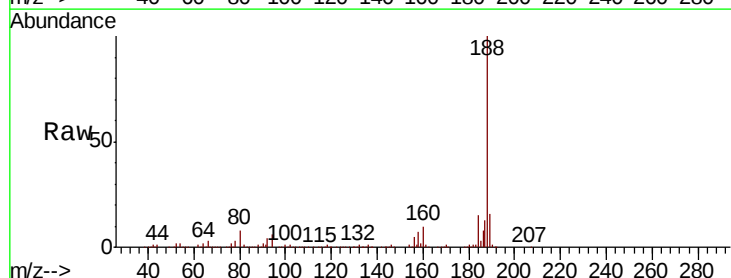
Tgt Ion:188 Resp: 438855

Ion Ratio Lower Upper

188 100

94 5.6 5.6 8.4#

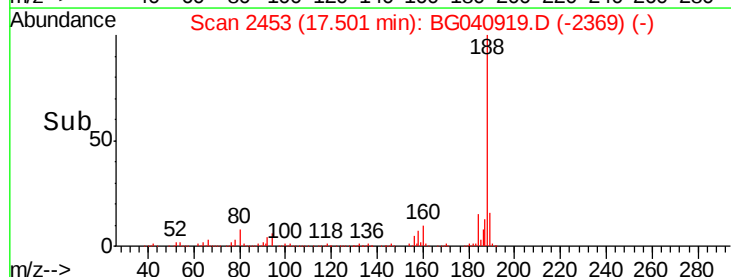
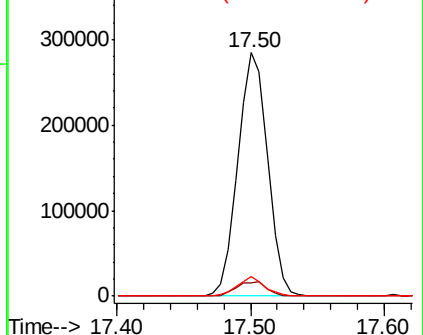
80 8.0 6.4 9.6

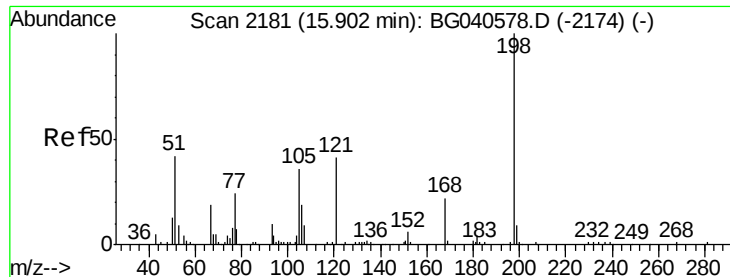


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

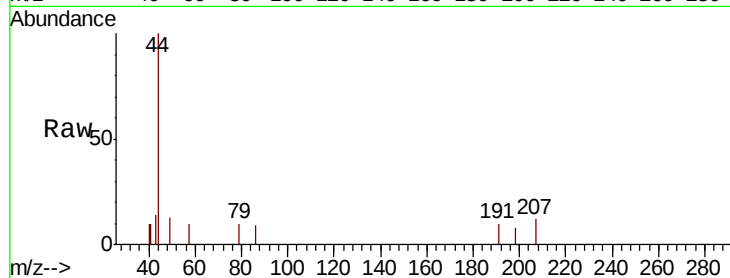




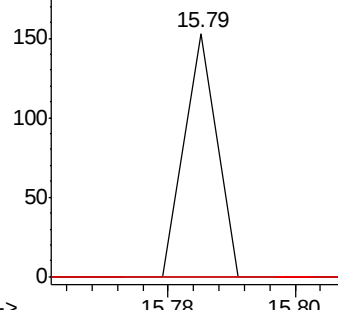
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.122 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.12 min
 Lab File: BG040919.D
 Acq: 13 May 2019 20:03

Instrument :
 BNA_G
 ClientSampled :
 EFFL-4

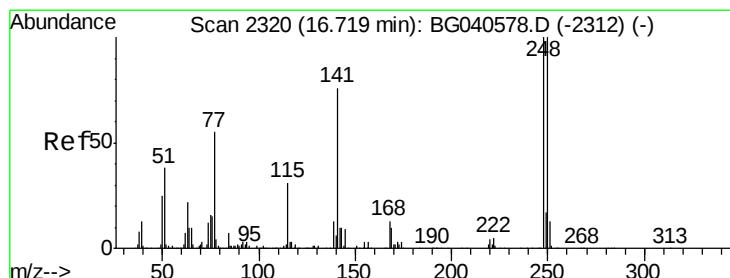
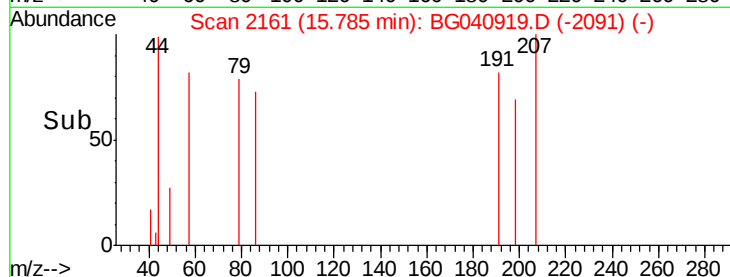
Tgt Ion:198 Resp: 54
 Ion Ratio Lower Upper
 198 100
 51 0.0 35.9 75.9#
 105 0.0 21.2 61.2#



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

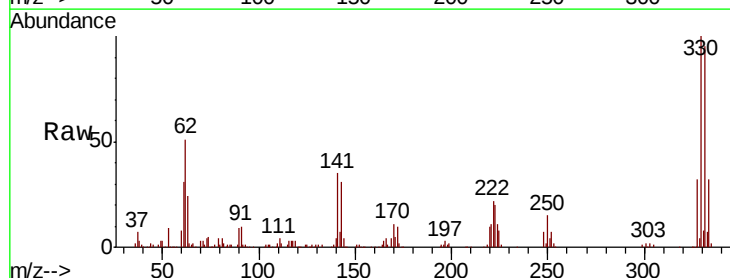


Time-->

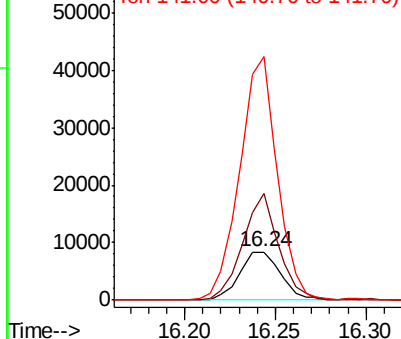


#67
 4-Bromophenyl-phenylether
 Concen: 2.406 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.48 min
 Lab File: BG040919.D
 Acq: 13 May 2019 20:03

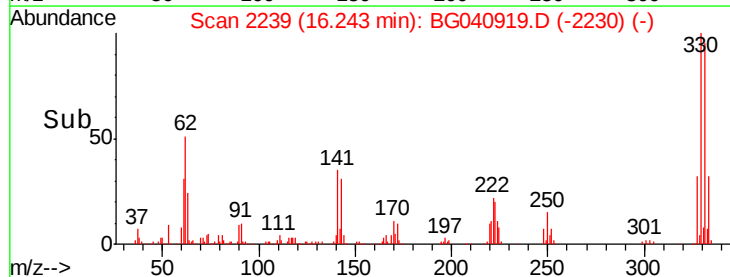
Tgt Ion:248 Resp: 13157
 Ion Ratio Lower Upper
 248 100
 250 222.3 79.8 119.6#
 141 508.5 60.8 91.2#

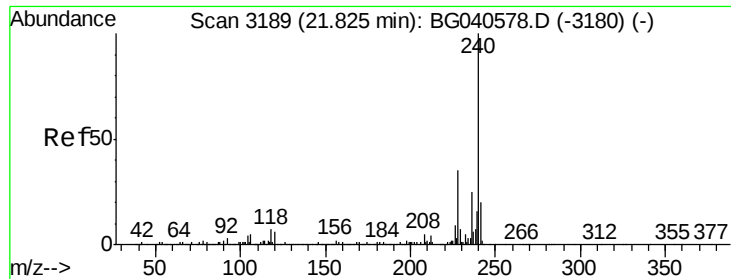


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

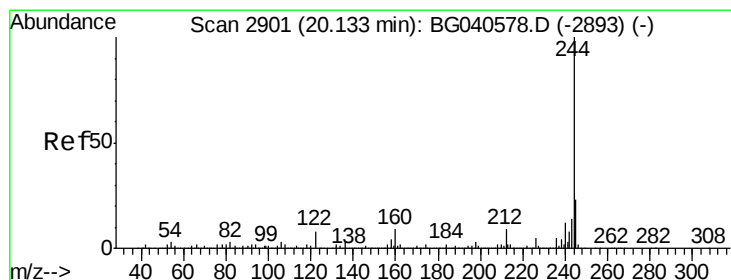
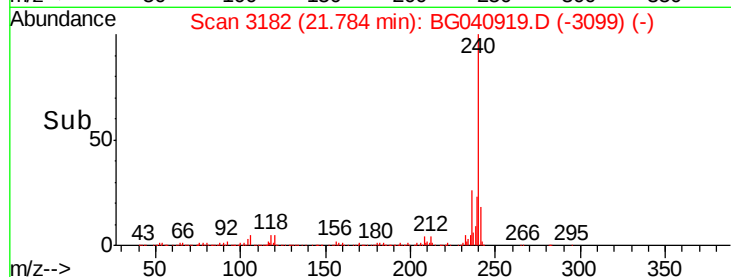
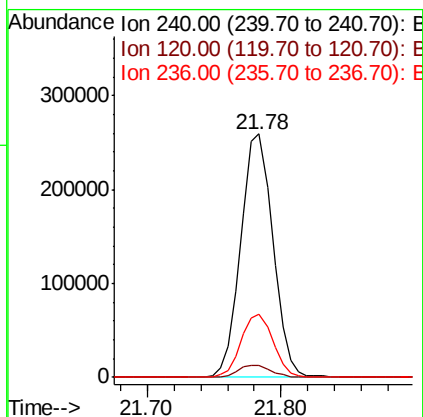
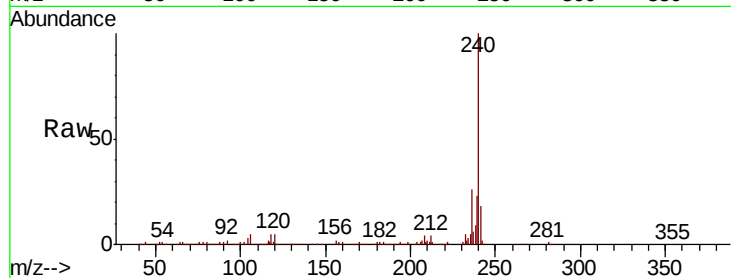




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

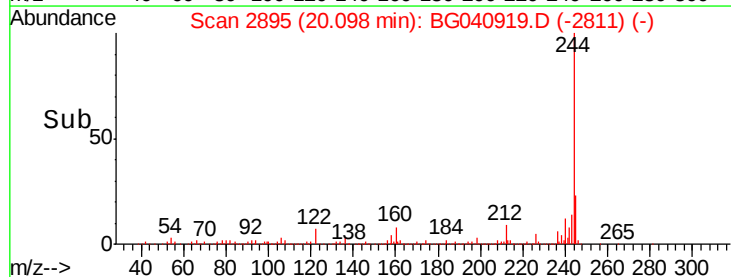
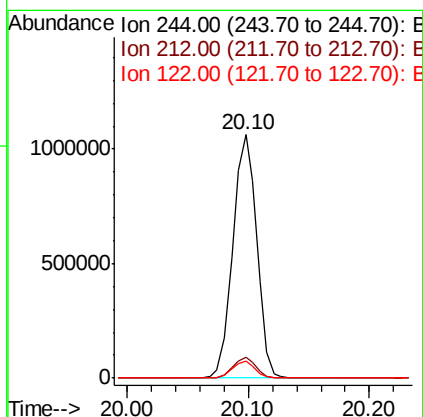
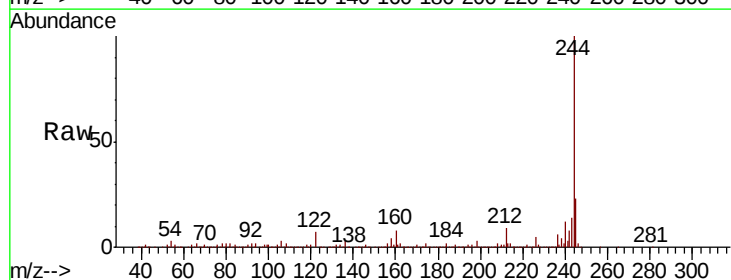
Instrument :
BNA_G
ClientSampleId :
EFFL-4

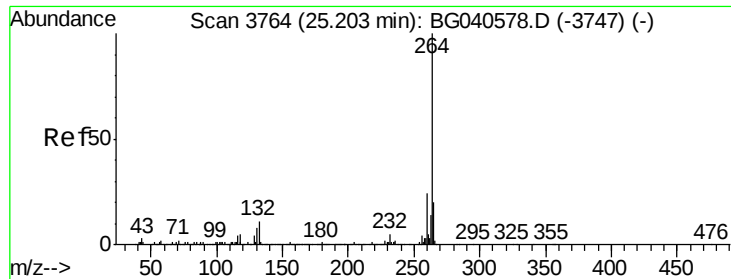
Tgt Ion:240 Resp: 434184
Ion Ratio Lower Upper
240 100
120 4.7 5.0 7.6#
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 74.597 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.04 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Tgt Ion:244 Resp: 1461973
Ion Ratio Lower Upper
244 100
212 8.6 7.2 10.8
122 7.1 6.6 10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3751
Delta R.T. -0.08 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Instrument :
BNA_G
ClientSampleId :
EFFL-4

Tgt Ion:	264	Resp:	468791
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	23.1	16.6	25.0

