

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012219\
 Data File : BG039255.D
 Acq On : 22 Jan 2019 17:44
 Operator : JU/SJ
 Sample : K1212-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FML-124

Quant Time: Jan 22 23:42:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

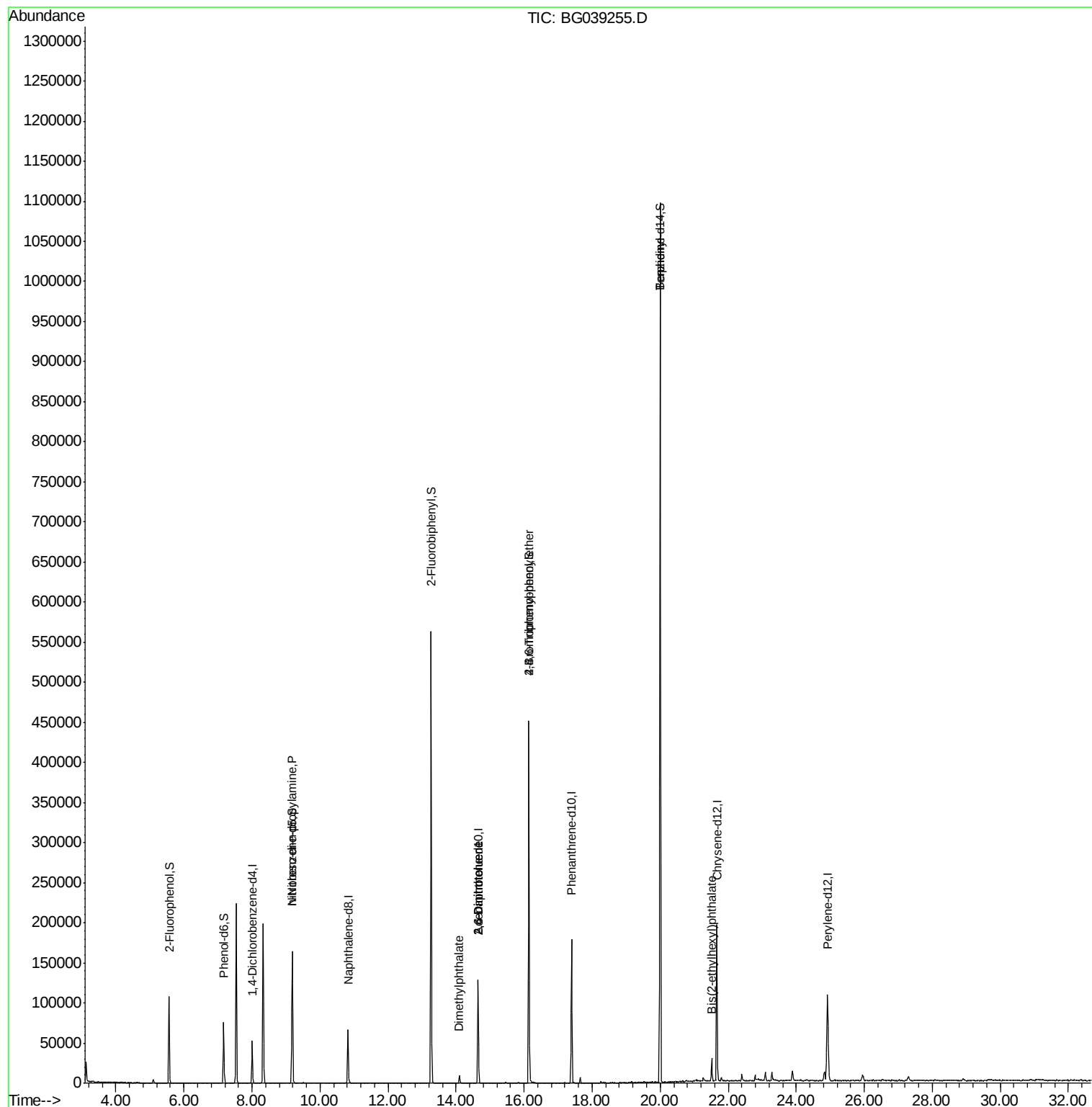
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15821	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	64632	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	47541	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	118730	20.00	ng	0.00
76) Chrysene-d12	21.67	240	123780	20.00	ng	-0.02
87) Perylene-d12	24.92	264	136751	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	49991	59.94	ng	0.00
7) Phenol-d6	7.17	99	44437	37.02	ng	0.00
23) Nitrobenzene-d5	9.18	82	101989	86.35	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	100195	125.73	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	315697	90.88	ng	0.00
79) Terphenyl-d14	20.00	244	578462	86.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	13820	17.534	ng	Qvalue # 66
50) Dimethylphthalate	14.10	163	8367	2.083	ng	# 98
51) 2,6-Dinitrotoluene	14.64	165	6420	7.148	ng	# 24
57) 2,4-Dinitrotoluene	14.64	165	6420	4.982	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	6231	4.083	ng	# 1
77) Benzidine	20.00	184	9244	2.442	ng	# 94
84) Bis(2-ethylhexyl)phthalate	21.51	149	11822	2.838	ng	# 89

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012219\
Data File : BG039255.D
Acq On : 22 Jan 2019 17:44
Operator : JU/SJ
Sample : K1212-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FML-124

Quant Time: Jan 22 23:42:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration



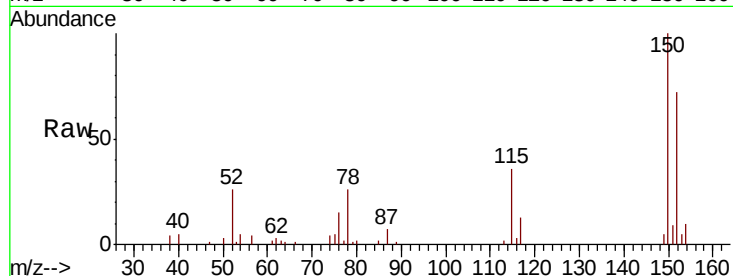


#1

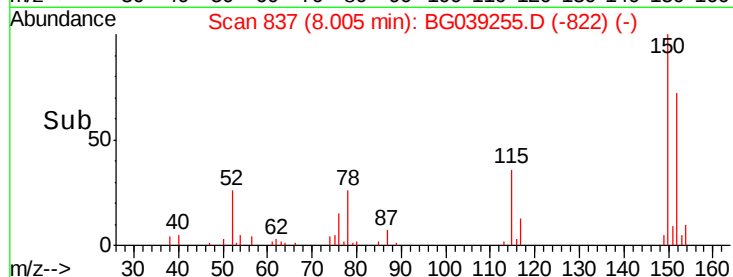
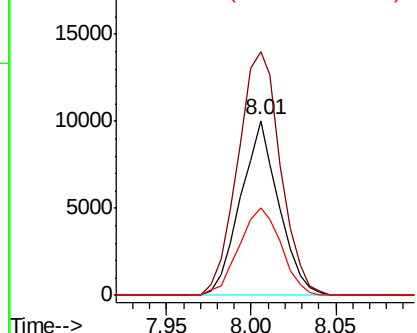
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Instrument :
BNA_G
ClientSampleId :
FML-124

Tgt Ion:152 Resp: 15821
Ion Ratio Lower Upper
152 100
150 139.2 124.7 187.1
115 50.2 46.5 69.7



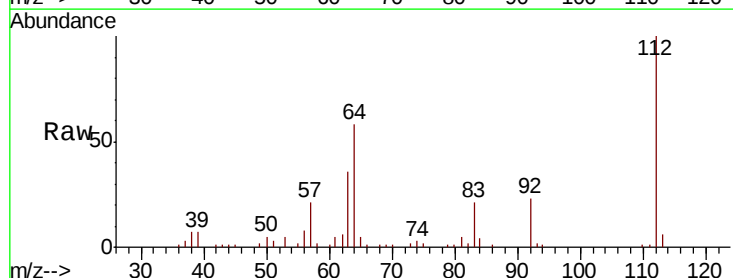
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



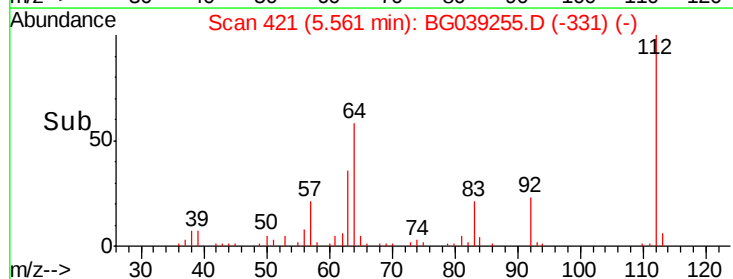
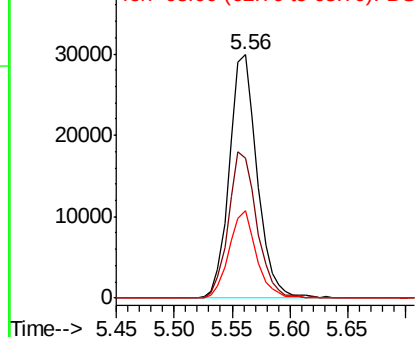
#5

2-Fluorophenol
Concen: 59.941 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Tgt Ion:112 Resp: 49991
Ion Ratio Lower Upper
112 100
64 57.5 47.0 70.6
63 35.8 28.0 42.0



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: 37.023 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

Instrument :

BNA_G

ClientSampleId :

FML-124

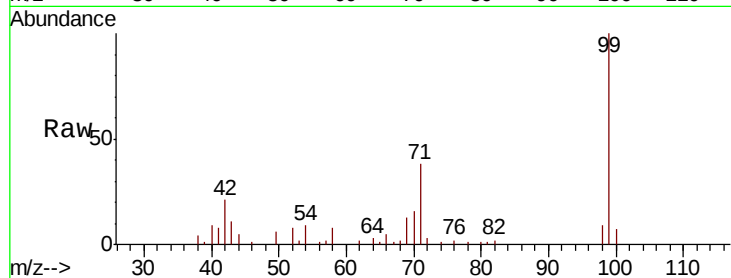
Tgt Ion: 99 Resp: 44437

Ion Ratio Lower Upper

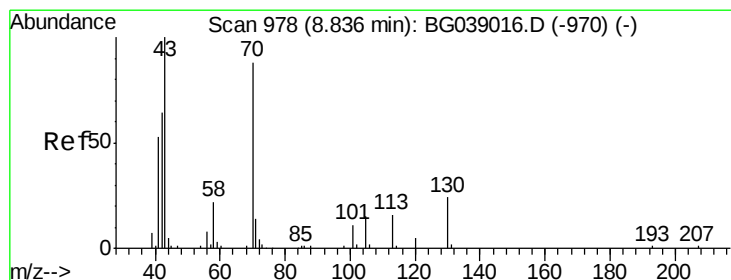
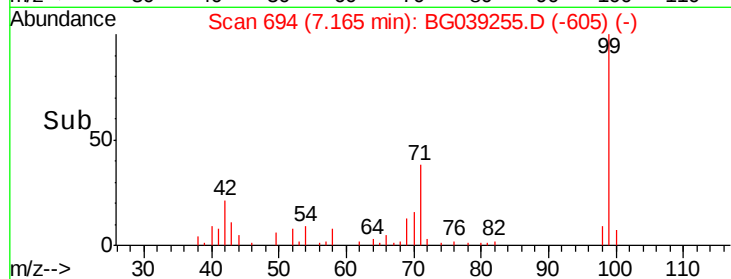
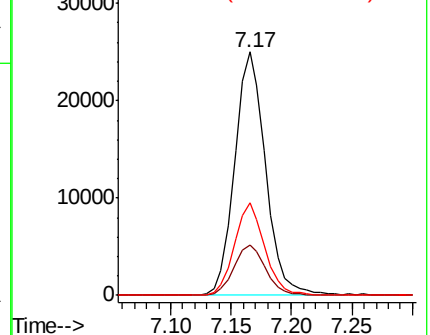
99 100

42 20.8 15.8 23.6

71 38.3 30.2 45.4



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: 17.534 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.36 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

Tgt Ion: 70 Resp: 13820

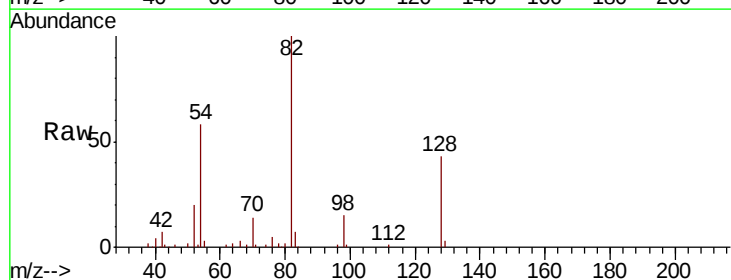
Ion Ratio Lower Upper

70 100

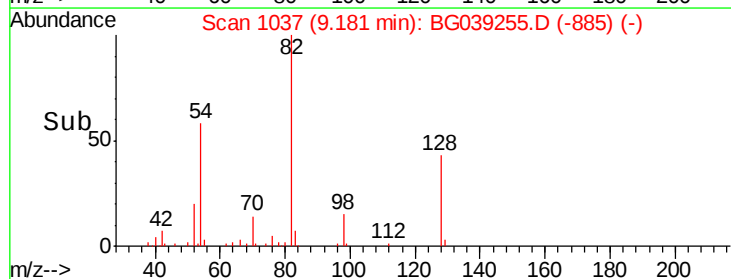
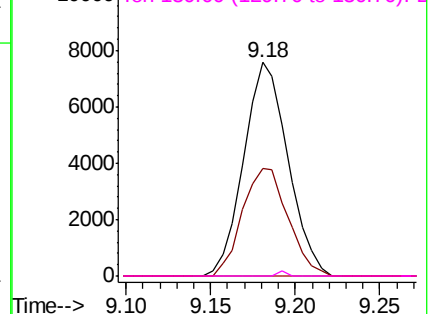
42 50.5 59.0 88.4#

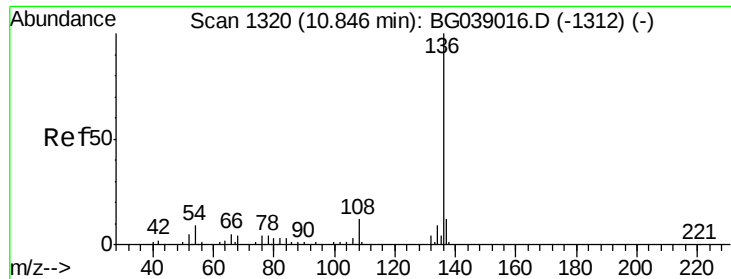
101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



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

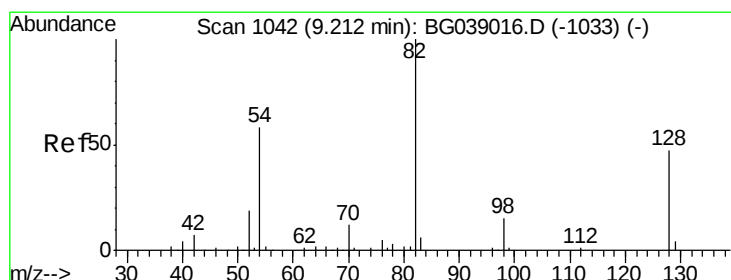
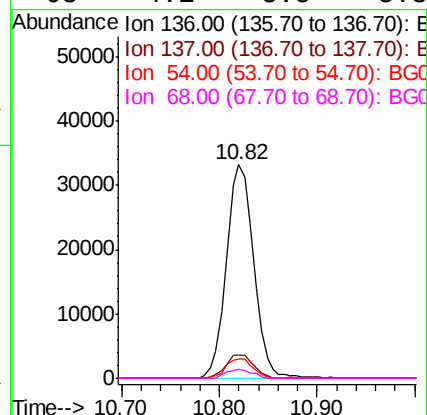
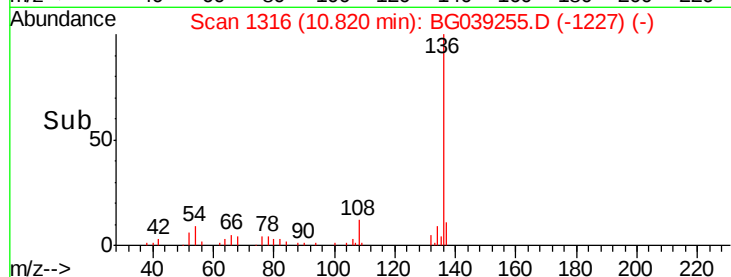
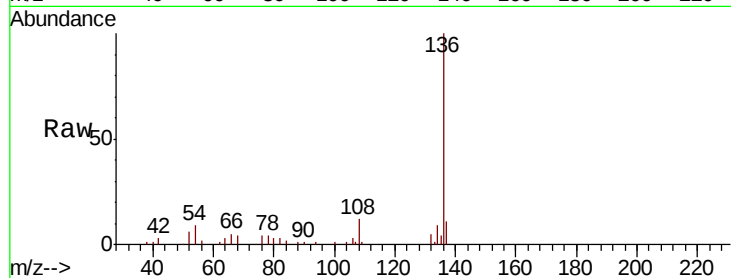




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

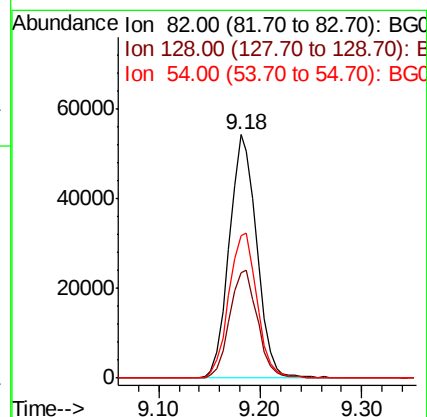
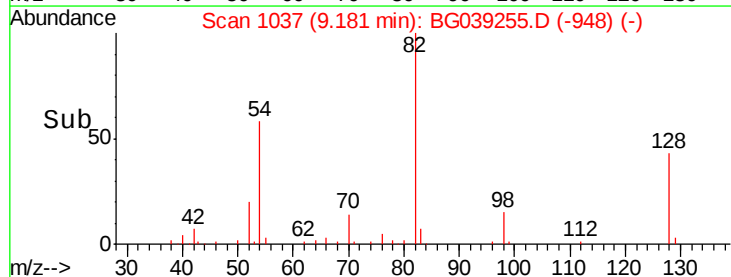
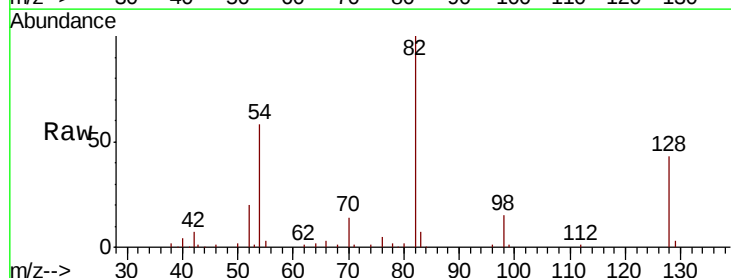
Instrument :
BNA_G
ClientSampleId :
FML-124

Tgt Ion:	136	Resp:	64632
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	9.3	7.2	10.8
68	4.1	3.5	5.3



#23
Nitrobenzene-d5
Concen: 86.347 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Tgt Ion:	82	Resp:	101989
Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.3	55.9
54	58.4	46.4	69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

Instrument :

BNA_G

ClientSampleId :

FML-124

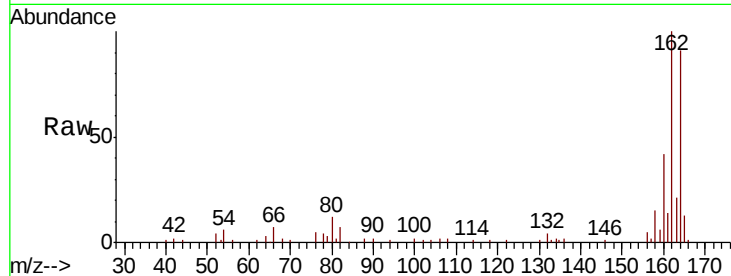
Tgt Ion:164 Resp: 47541

Ion Ratio Lower Upper

164 100

162 110.0 87.2 130.8

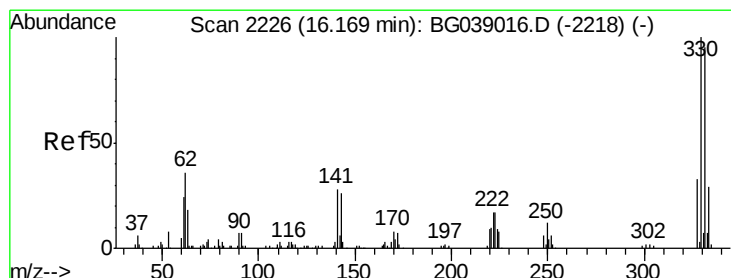
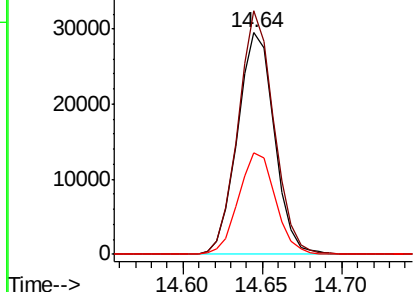
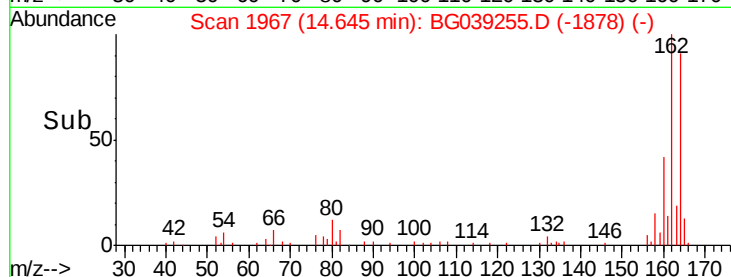
160 45.8 33.3 49.9



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: 125.728 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

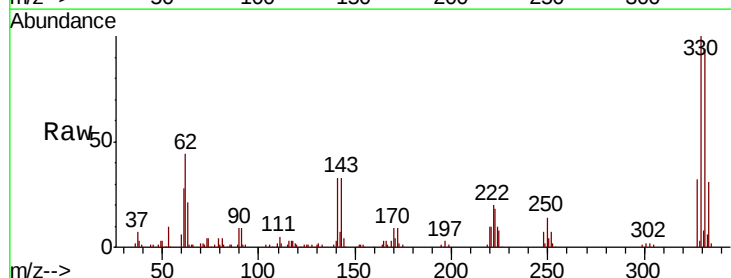
Tgt Ion:330 Resp: 100195

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

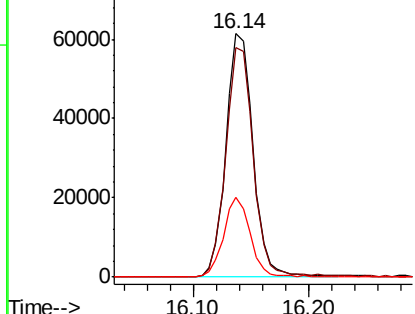
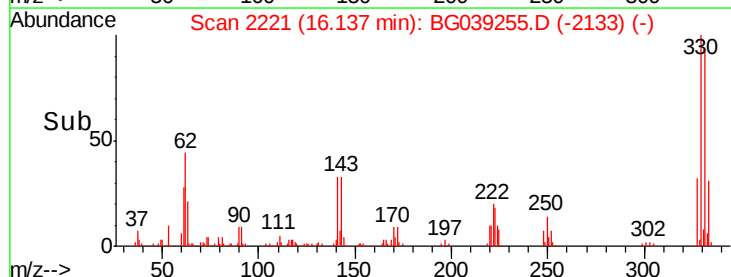
141 32.1 24.9 37.3



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

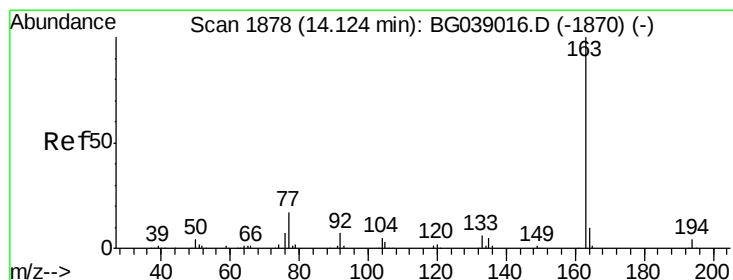
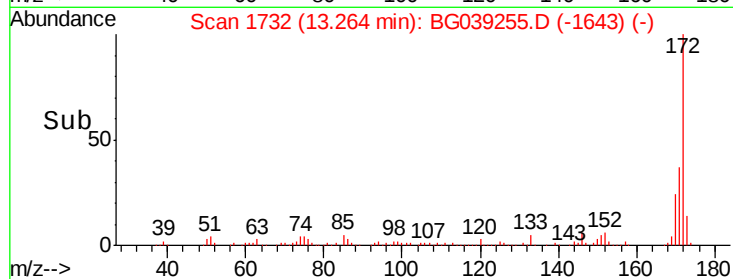
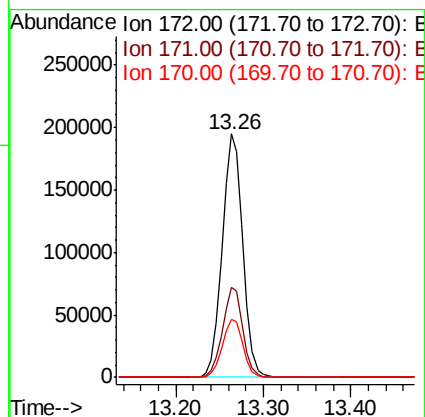
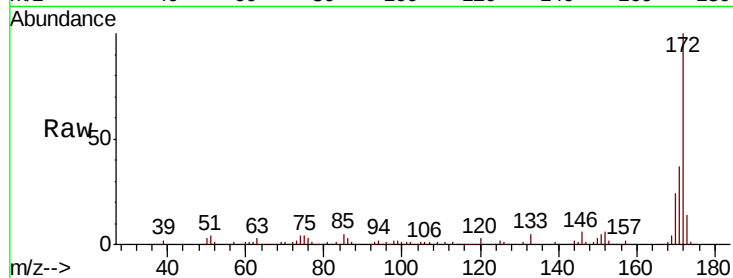




#45
2-Fluorobiphenyl
Concen: 90.880 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

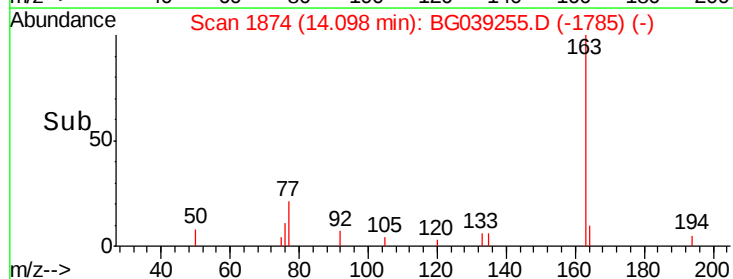
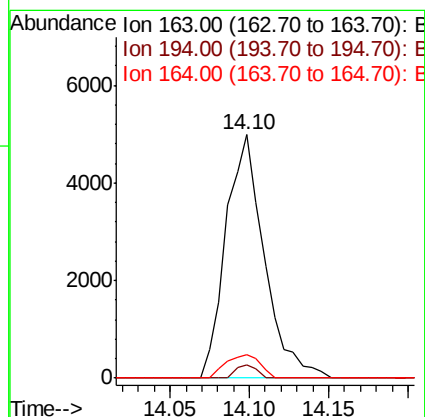
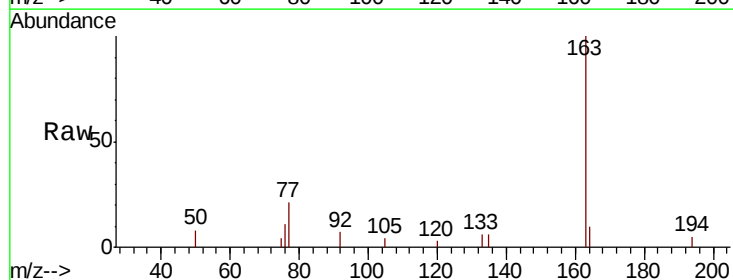
Instrument :
BNA_G
ClientSampleId :
FML-124

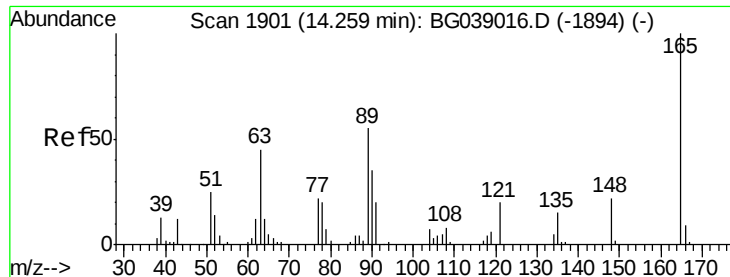
Tgt Ion:172 Resp: 315697
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 23.7 20.1 30.1



#50
Dimethylphthalate
Concen: 2.083 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Tgt Ion:163 Resp: 8367
Ion Ratio Lower Upper
163 100
194 5.3 3.6 5.4
164 9.6 8.2 12.2

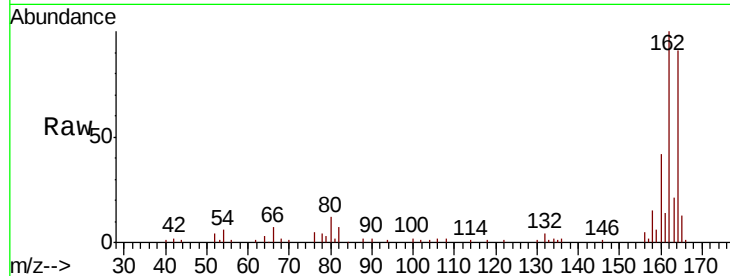




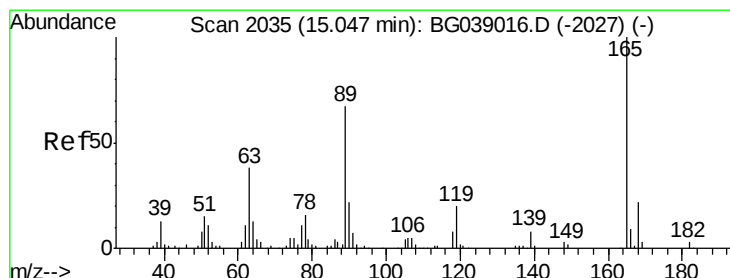
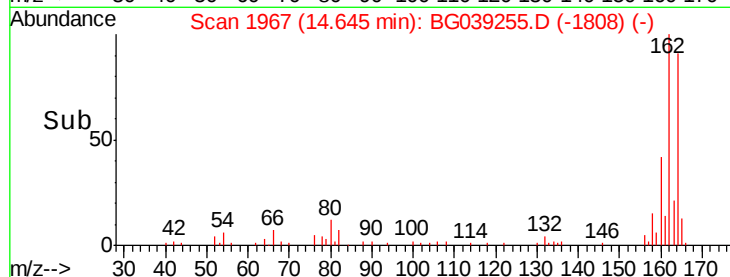
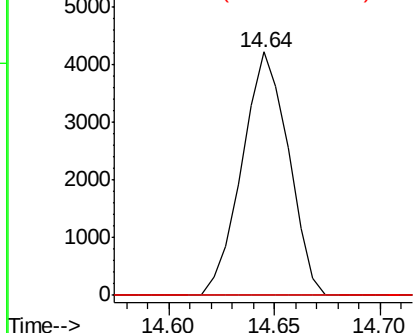
#51
 2,6-Dinitrotoluene
 Concen: 7.148 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039255.D
 Acq: 22 Jan 2019 17:44

Instrument :
 BNA_G
 ClientSampled :
 FML-124

Tgt Ion:165 Resp: 6420
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

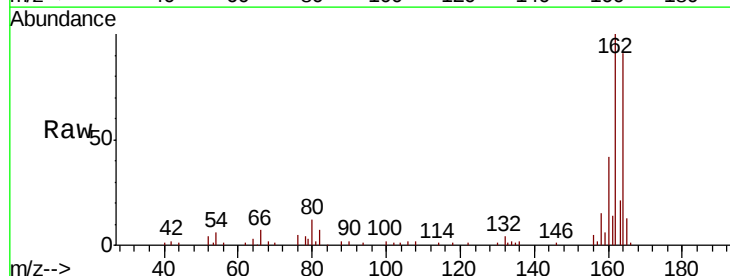


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

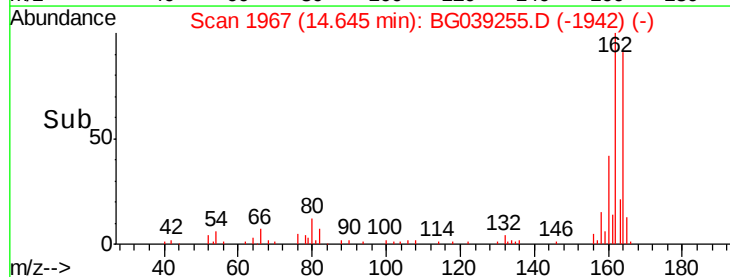
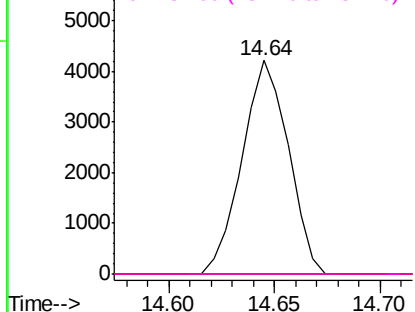


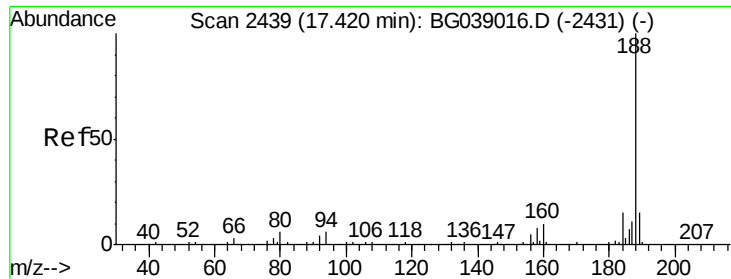
#57
 2,4-Dinitrotoluene
 Concen: 4.982 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.39 min
 Lab File: BG039255.D
 Acq: 22 Jan 2019 17:44

Tgt Ion:165 Resp: 6420
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#



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

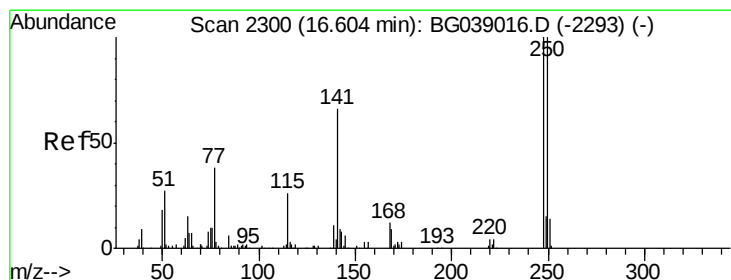
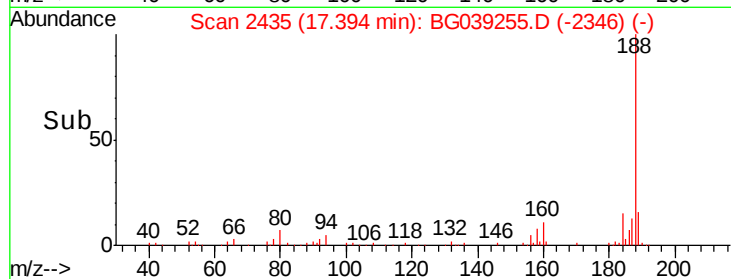
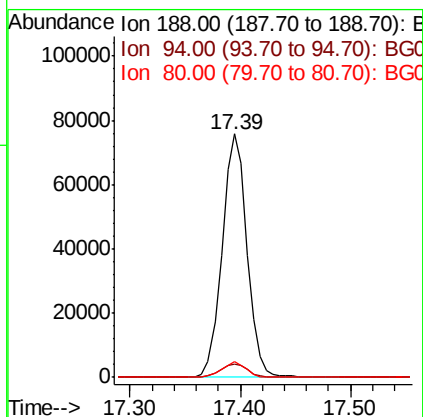
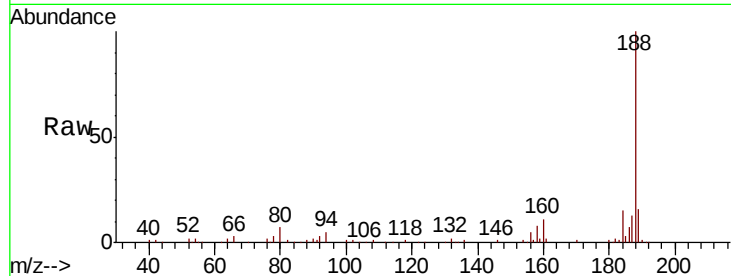




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG039255.D
 Acq: 22 Jan 2019 17:44

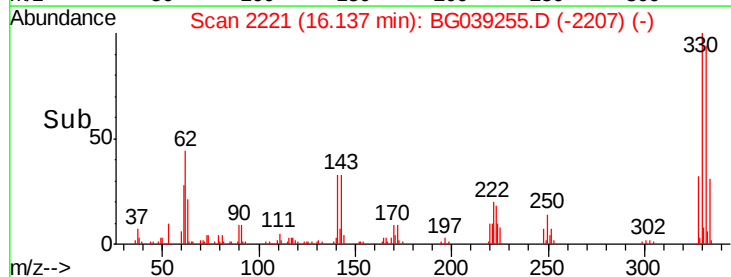
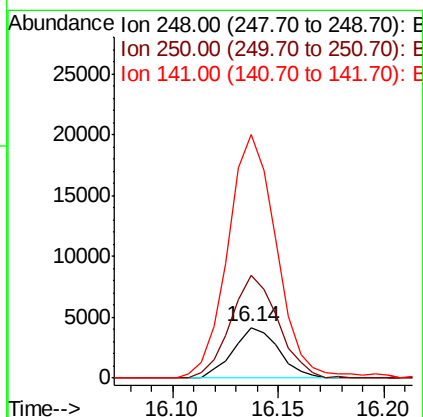
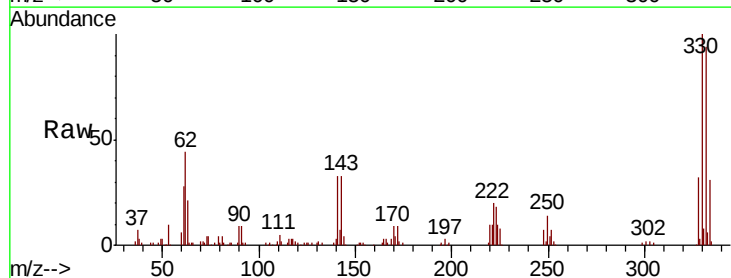
Instrument :
 BNA_G
 ClientSampleId :
 FML-124

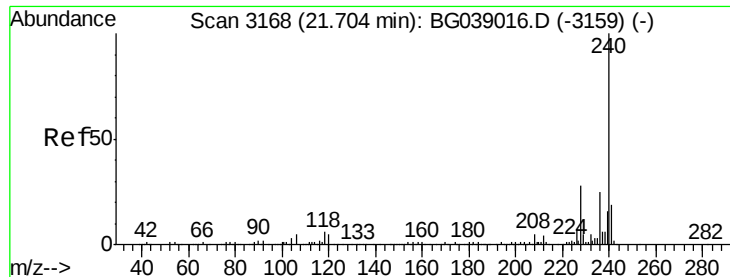
Tgt Ion:188 Resp: 118730
 Ion Ratio Lower Upper
 188 100
 94 5.5 5.0 7.4
 80 6.5 4.7 7.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.083 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG039255.D
 Acq: 22 Jan 2019 17:44

Tgt Ion:248 Resp: 6231
 Ion Ratio Lower Upper
 248 100
 250 203.1 79.9 119.9#
 141 368.5 52.7 79.1#

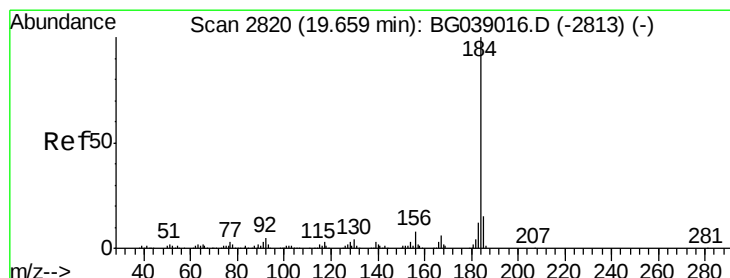
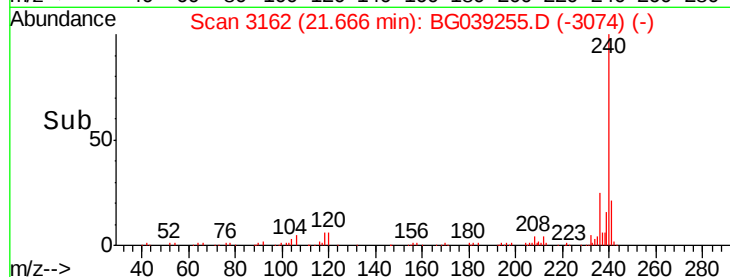
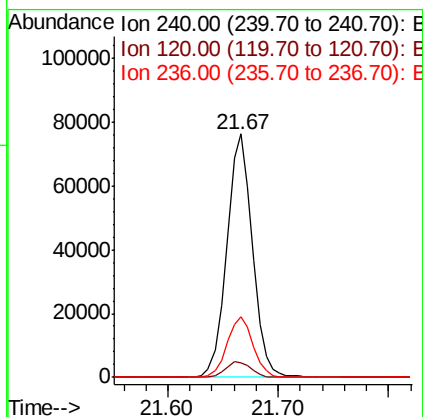
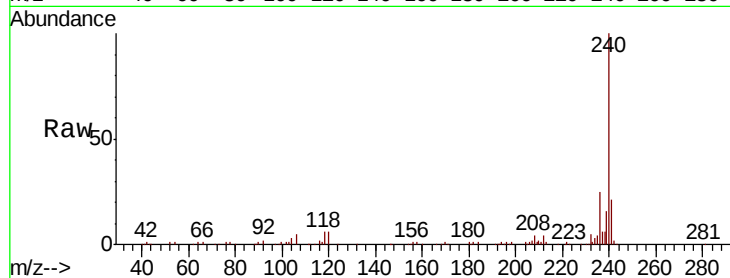




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

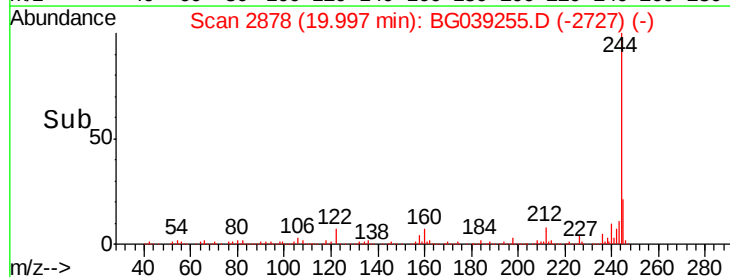
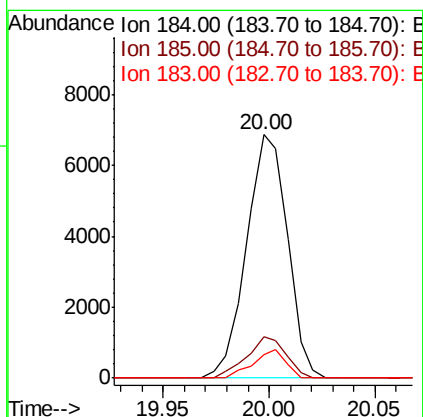
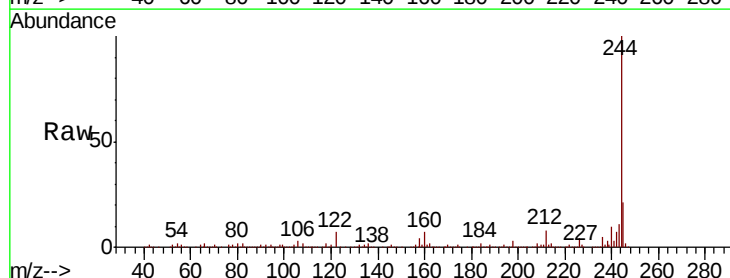
Instrument :
BNA_G
ClientSampleId :
FML-124

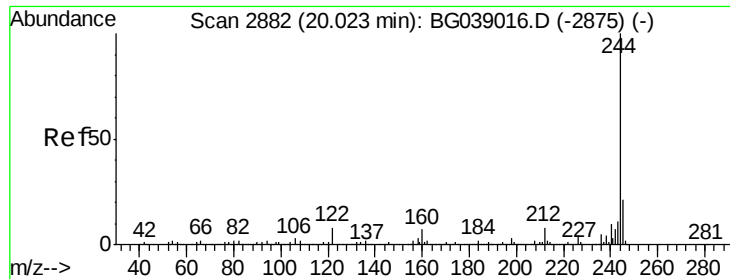
Tgt Ion:240 Resp: 123780
Ion Ratio Lower Upper
240 100
120 5.9 4.3 6.5
236 25.0 20.1 30.1



#77
Benzidine
Concen: 2.442 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.35 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Tgt Ion:184 Resp: 9244
Ion Ratio Lower Upper
184 100
185 17.1 12.1 18.1
183 9.4 9.5 14.3#

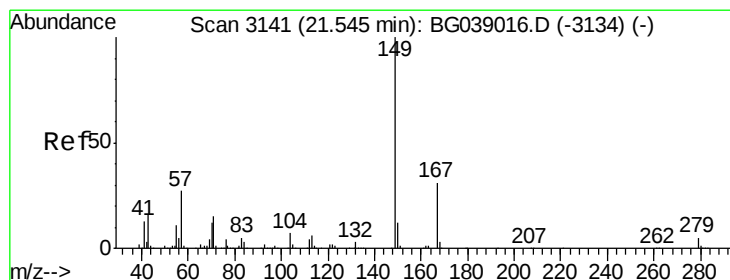
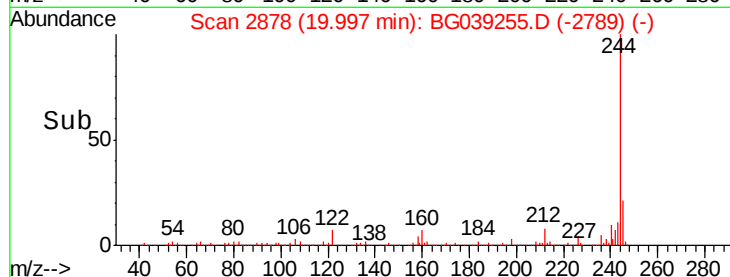
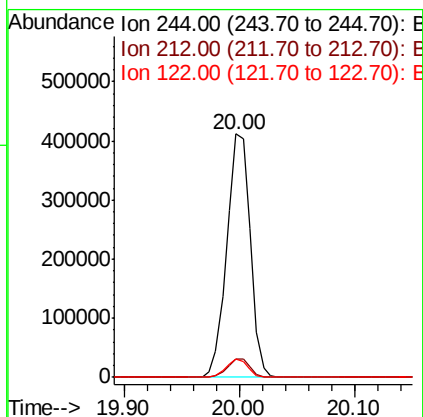
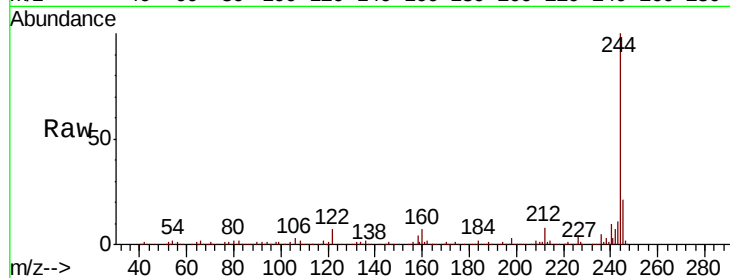




#79
 Terphenyl-d14
 Concen: 86.451 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG039255.D
 Acq: 22 Jan 2019 17:44

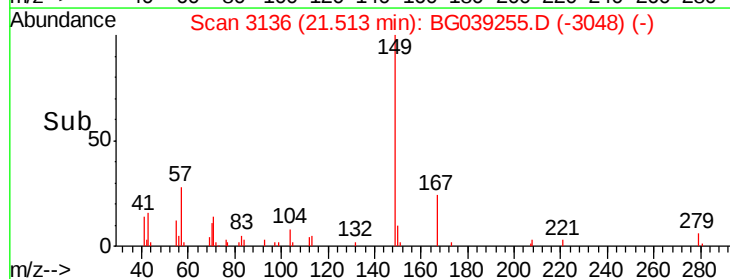
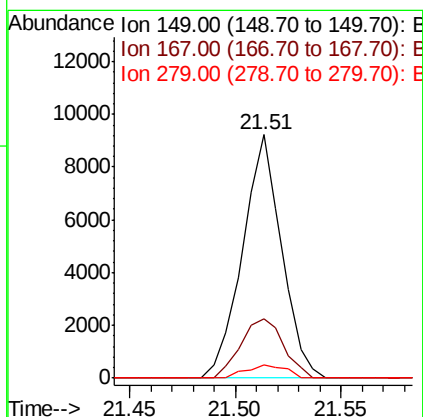
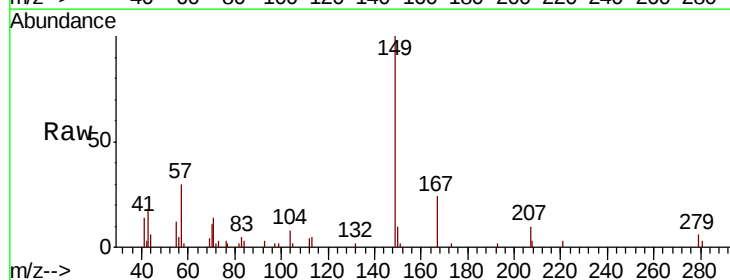
Instrument :
 BNA_G
 ClientSampled :
 FML-124

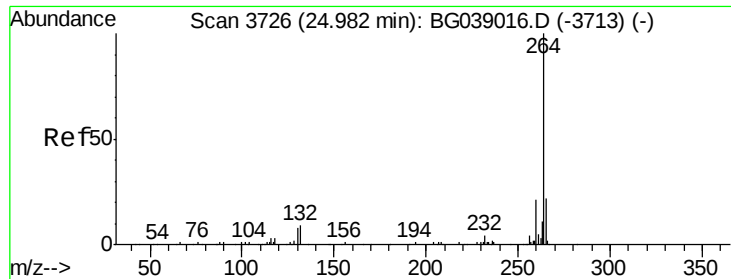
Tgt Ion:244 Resp: 578462
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 7.5 6.1 9.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.838 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG039255.D
 Acq: 22 Jan 2019 17:44

Tgt Ion:149 Resp: 11822
 Ion Ratio Lower Upper
 149 100
 167 24.4 25.0 37.4#
 279 5.5 4.3 6.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.03 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Instrument :
BNA_G
ClientSampleId :
FML-124

Tgt Ion: 264 Resp: 136751

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.0	25.6
265	22.4	17.2	25.8

