

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
 Data File : BG041440.D
 Acq On : 25 Jun 2019 2:55
 Operator : HP/JU
 Sample : K3500-02
 Misc : MDL-WATER-8.0PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)

Quant Time: Jun 25 05:10:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

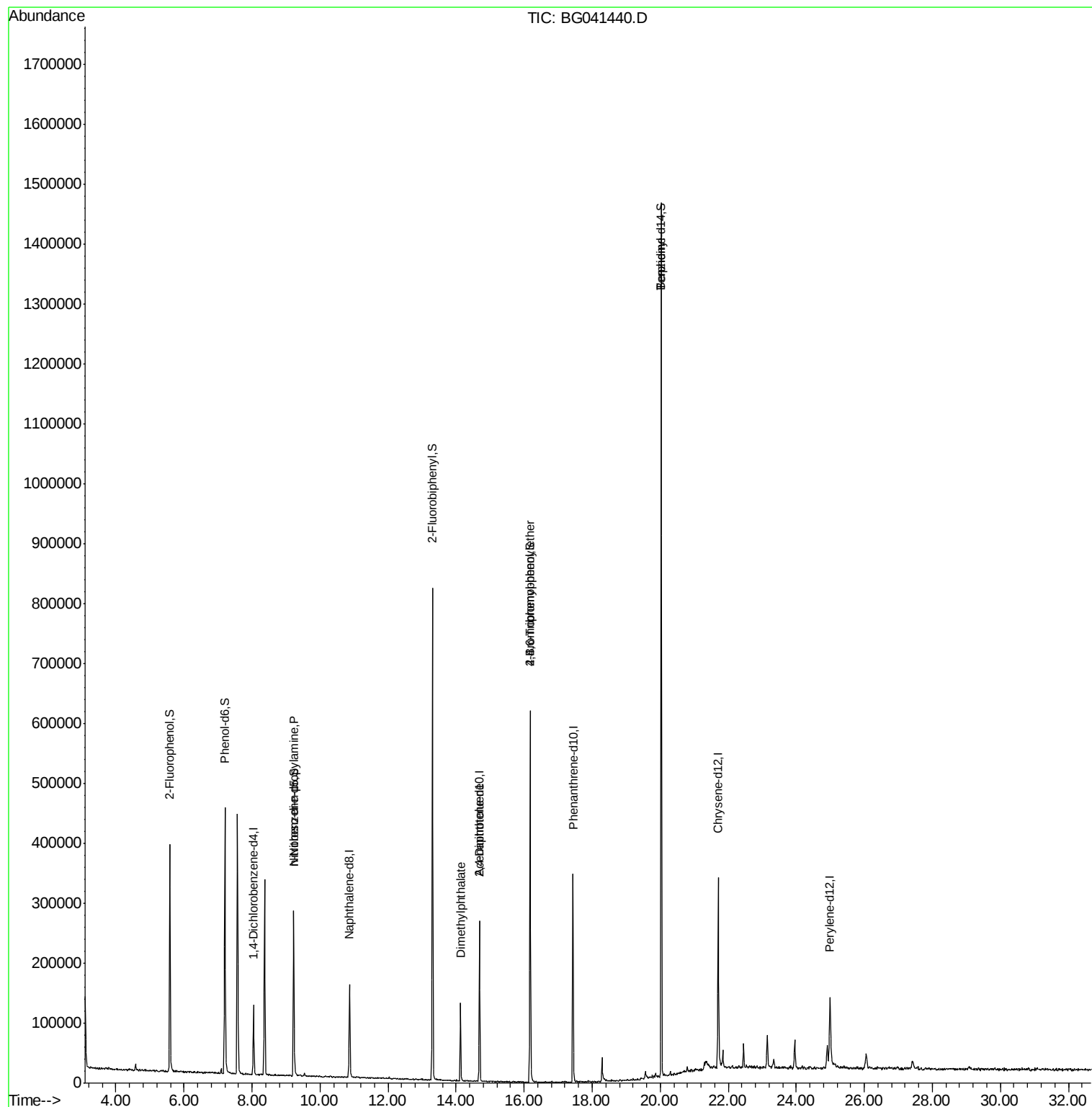
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	32615	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	133587	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	93552	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	224334	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	215603	20.00	ng	-0.04
87) Perylene-d12	24.99	264	157632	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	158963	89.55	ng	-0.04
7) Phenol-d6	7.20	99	242954	94.43	ng	-0.04
23) Nitrobenzene-d5	9.23	82	174792	55.03	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	127562	88.82	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	422183	61.34	ng	-0.04
79) Terphenyl-d14	20.03	244	690441	63.46	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	25421	12.216	ng	Qvalue # 76
50) Dimethylphthalate	14.13	163	90356	10.855	ng	99
57) 2,4-Dinitrotoluene	14.68	165	12011	4.681	ng	# 18
67) 4-Bromophenyl-phenylether	16.18	248	9049	3.120	ng	# 1
77) Benzidine	20.03	184	11257	2.159	ng	98

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

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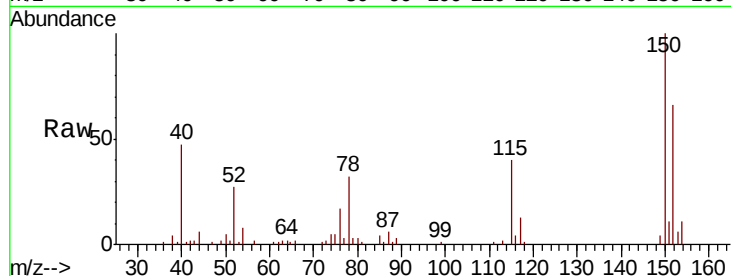


#1

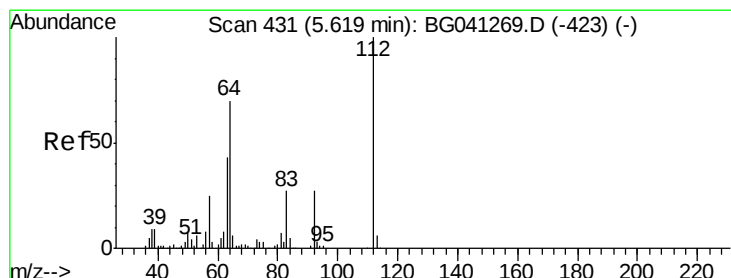
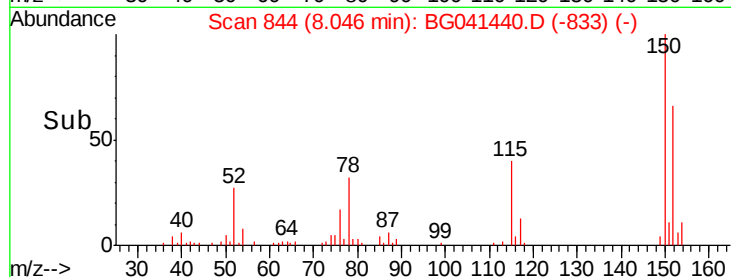
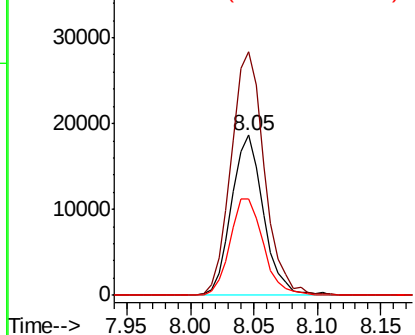
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.04 min
Lab File: BG041440.D
Acq: 25 Jun 2019 2:55

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Tgt Ion:152 Resp: 32615
Ion Ratio Lower Upper
152 100
150 152.3 120.6 181.0
115 60.3 47.9 71.9



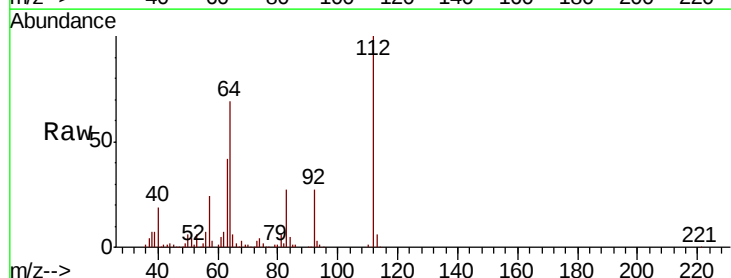
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



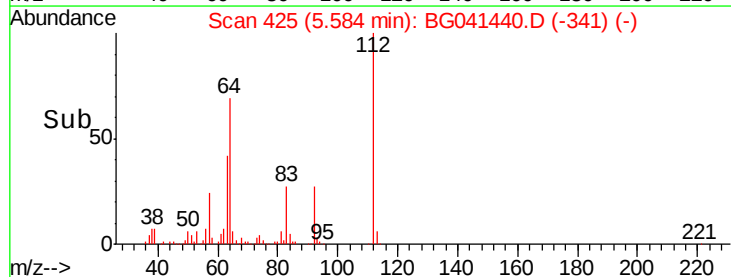
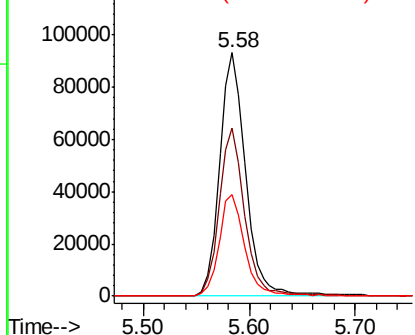
#5

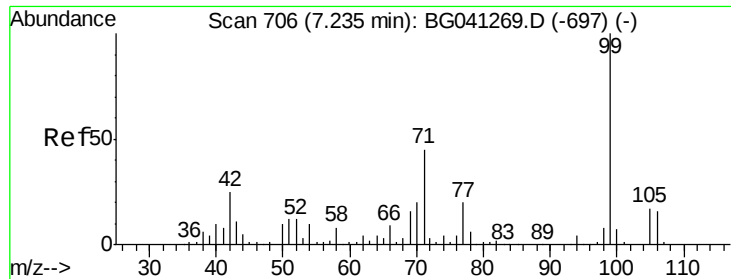
2-Fluorophenol
Concen: 89.554 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.04 min
Lab File: BG041440.D
Acq: 25 Jun 2019 2:55

Tgt Ion:112 Resp: 158963
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 41.6 34.6 51.8



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: 94.426 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.04 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

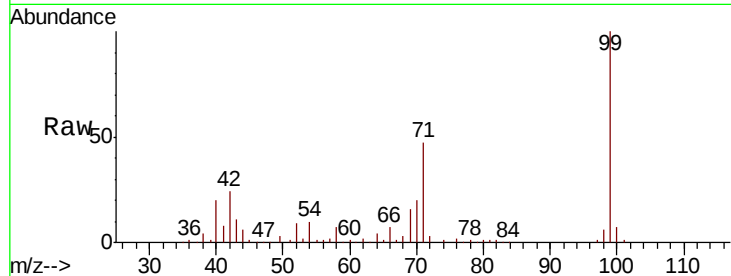
Tgt Ion: 99 Resp: 242954

Ion Ratio Lower Upper

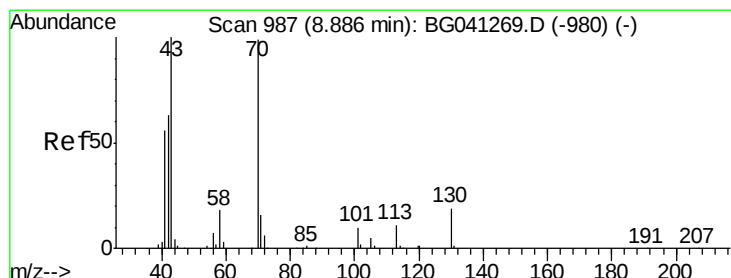
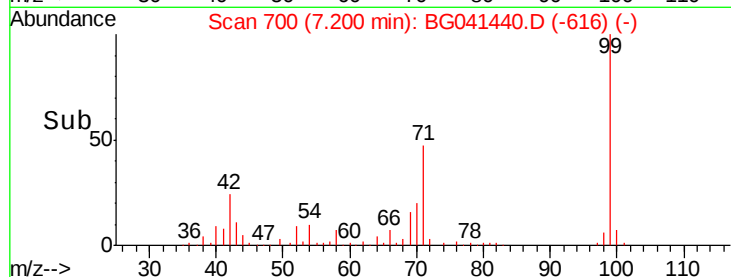
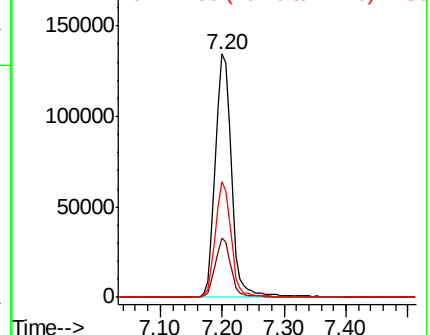
99 100

42 24.2 19.9 29.9

71 47.4 36.4 54.6



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: 12.216 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.34 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

Tgt Ion: 70 Resp: 25421

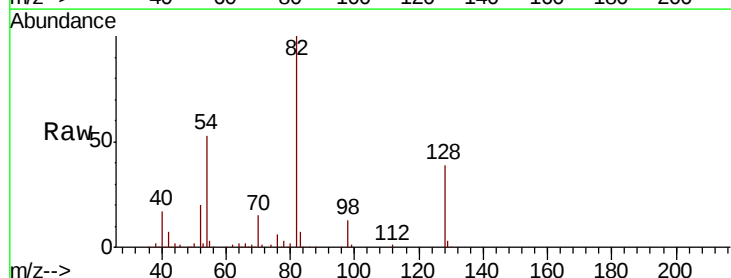
Ion Ratio Lower Upper

70 100

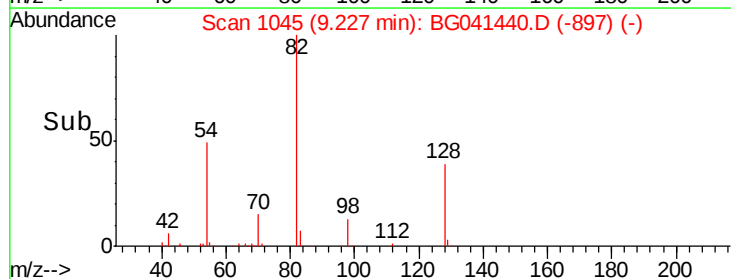
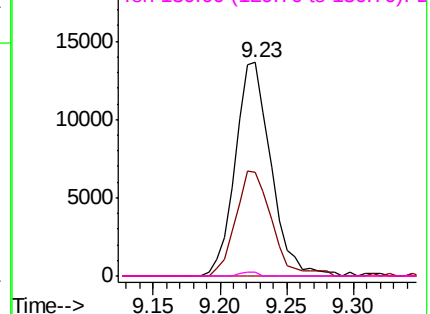
42 48.7 51.4 77.2#

101 0.0 8.2 12.2#

130 2.0 15.2 22.8#



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

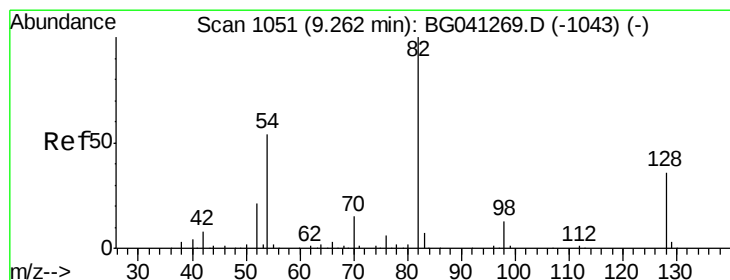
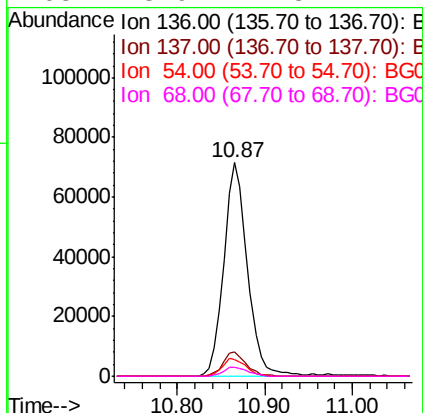
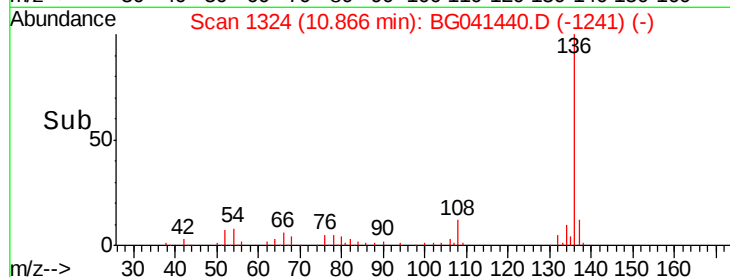
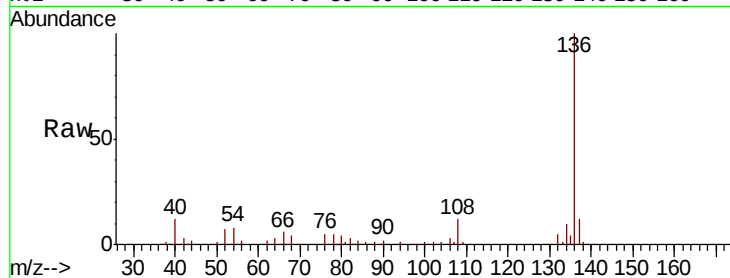




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041440.D
Acq: 25 Jun 2019 2:55

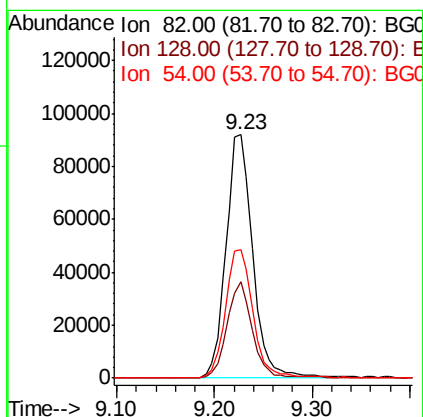
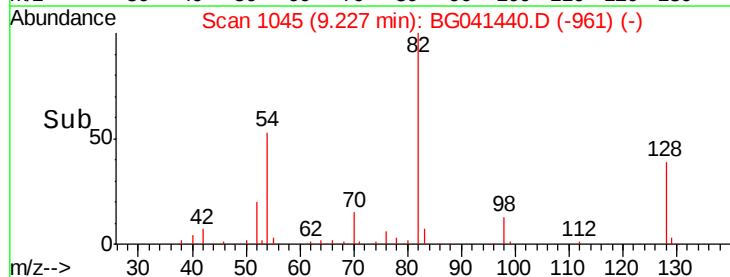
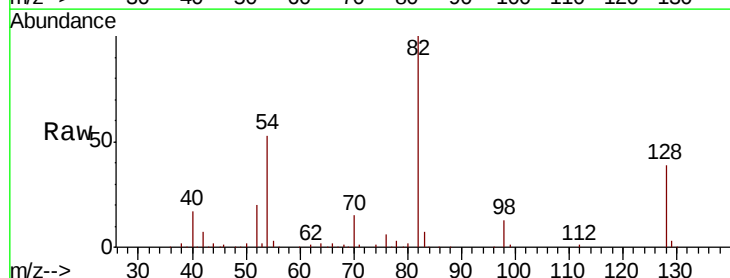
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

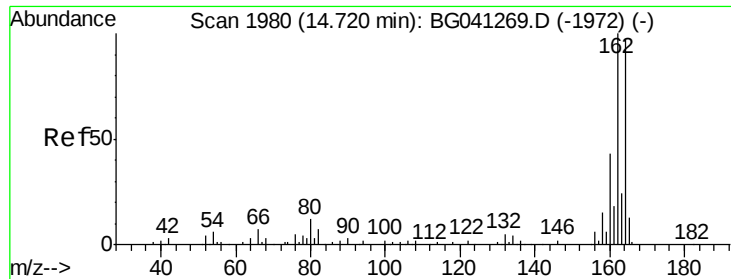
Tgt Ion:	136	Resp:	133587
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.1	6.4	9.6
68	3.9	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 55.029 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BG041440.D
Acq: 25 Jun 2019 2:55

Tgt Ion:	82	Resp:	174792
Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.2	43.8
54	52.9	43.4	65.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.04 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

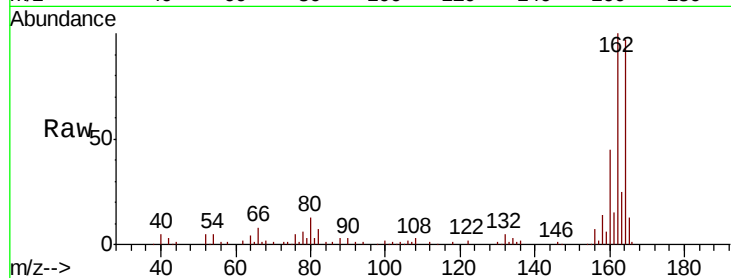
Tgt Ion:164 Resp: 93552

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

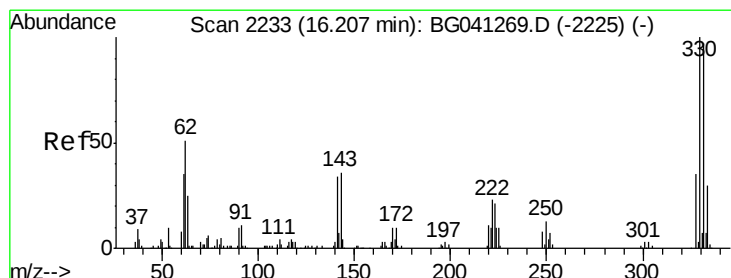
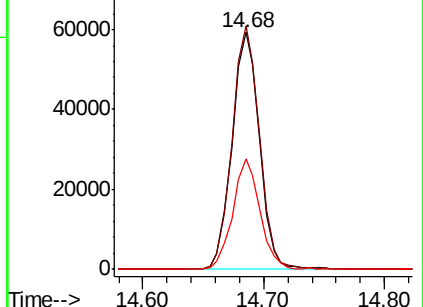
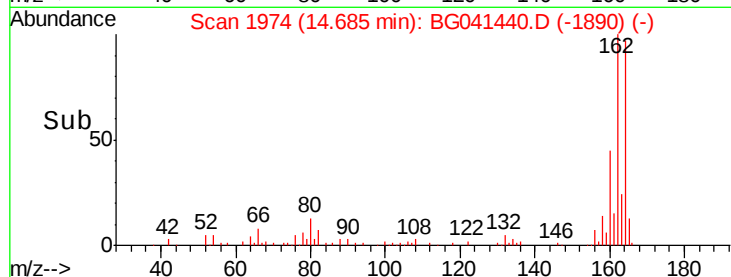
160 46.5 35.8 53.8



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: 88.817 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

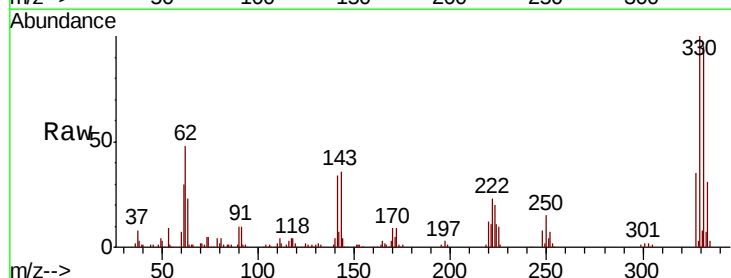
Tgt Ion:330 Resp: 127562

Ion Ratio Lower Upper

330 100

332 94.5 75.5 113.3

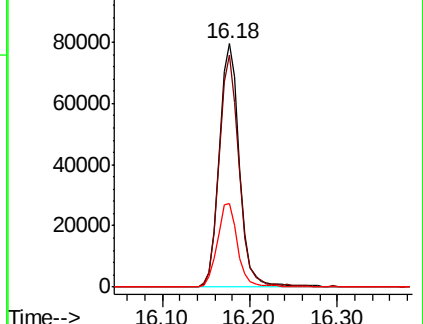
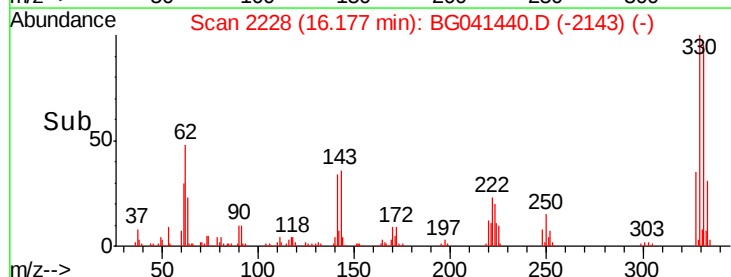
141 34.3 29.0 43.4

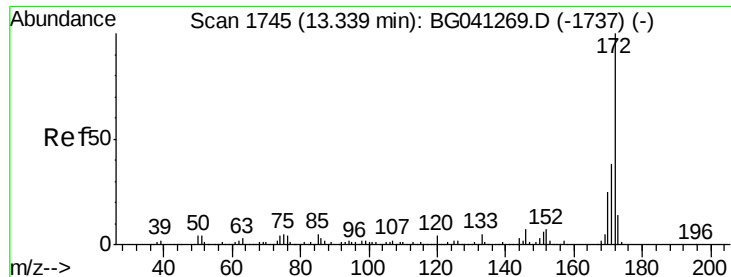


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

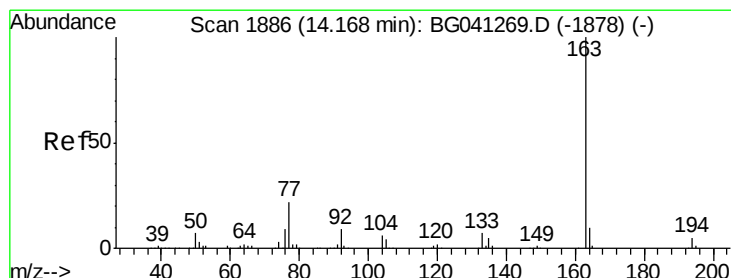
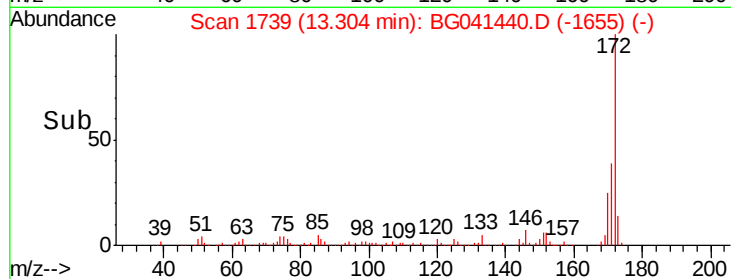
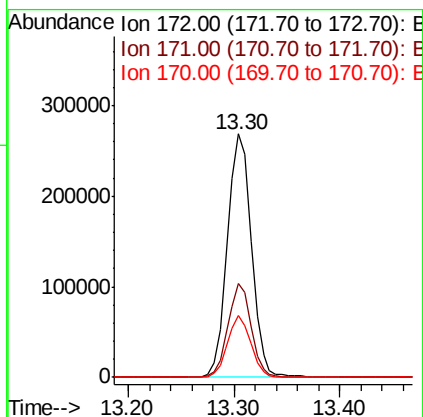
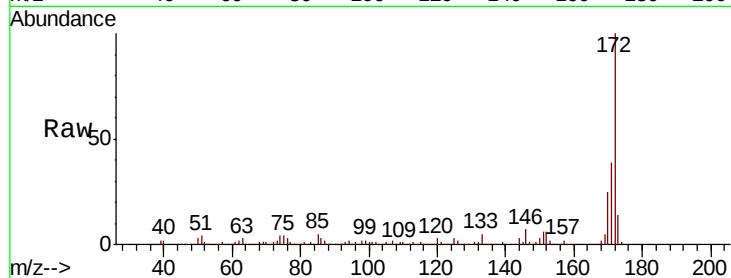




#45
 2-Fluorobiphenyl
 Concen: 61.336 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.04 min
 Lab File: BG041440.D
 Acq: 25 Jun 2019 2:55

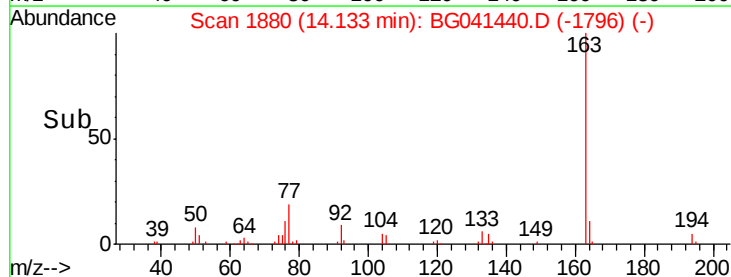
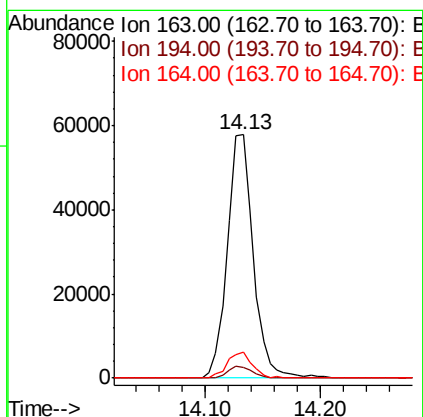
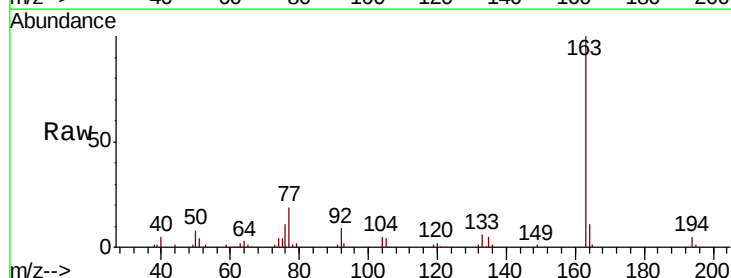
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)

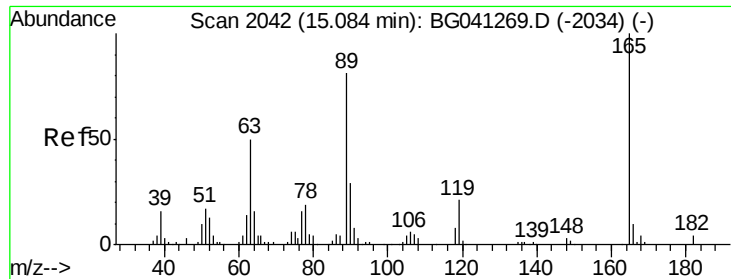
Tgt Ion:172 Resp: 422183
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 25.2 19.8 29.6



#50
 Dimethylphthalate
 Concen: 10.855 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.04 min
 Lab File: BG041440.D
 Acq: 25 Jun 2019 2:55

Tgt Ion:163 Resp: 90356
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.9 5.9
 164 10.8 8.3 12.5

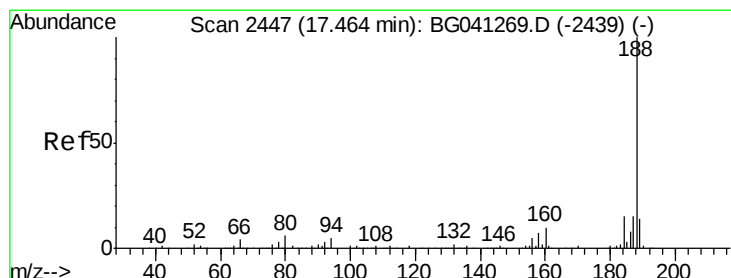
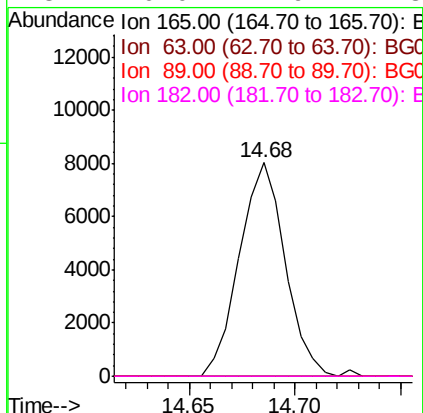
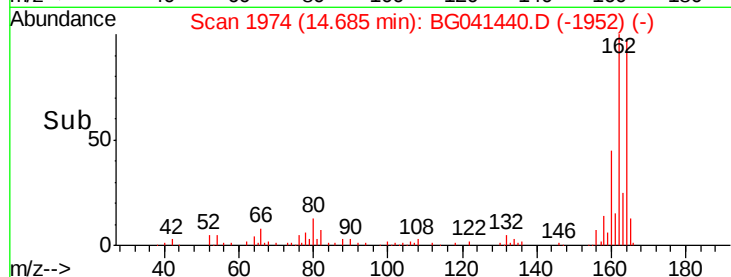
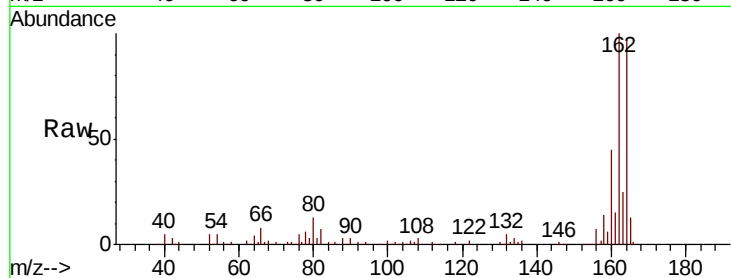




#57
 2,4-Dinitrotoluene
 Concen: 4.681 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.40 min
 Lab File: BG041440.D
 Acq: 25 Jun 2019 2:55

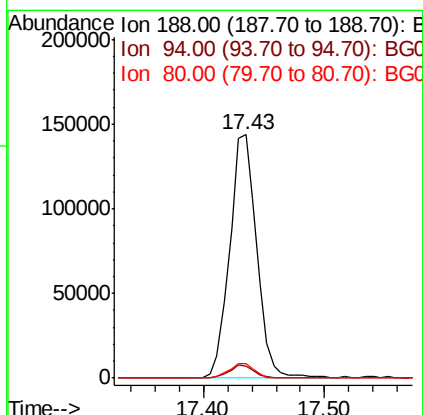
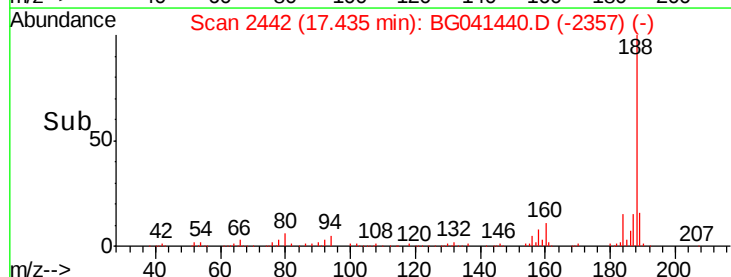
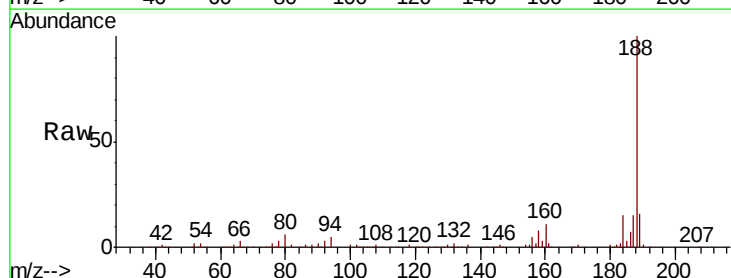
Instrument :
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 B-2(9-10)

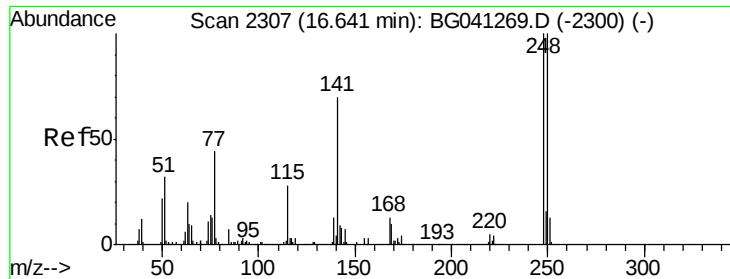
Tgt Ion:	165	Resp:	12011
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	0.0	64.6	96.8#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2442
 Delta R.T. -0.03 min
 Lab File: BG041440.D
 Acq: 25 Jun 2019 2:55

Tgt Ion:	188	Resp:	224334
Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.6	5.4
80	5.7	4.8	7.2

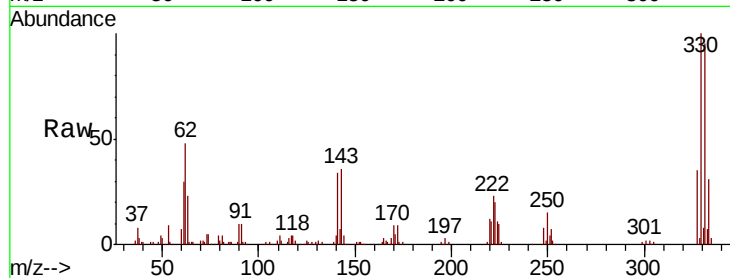




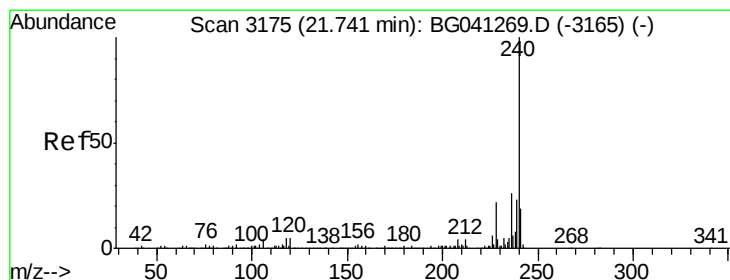
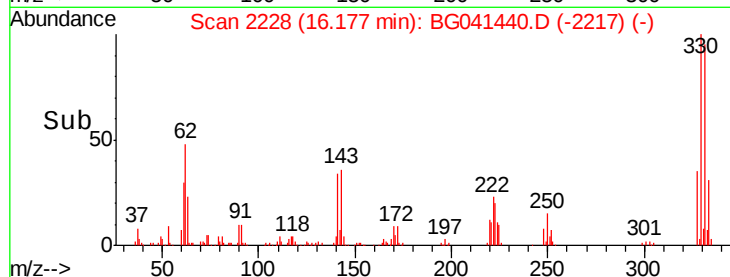
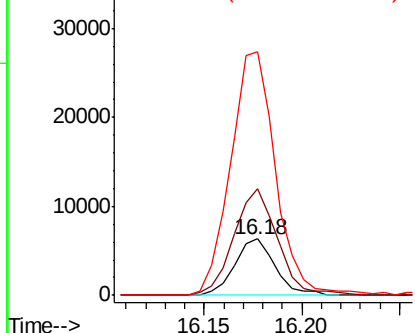
#67
 4-Bromophenyl-phenylether
 Concen: 3.120 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.46 min
 Lab File: BG041440.D
 Acq: 25 Jun 2019 2:55

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)

Tgt Ion:248 Resp: 9049
 Ion Ratio Lower Upper
 248 100
 250 188.7 79.8 119.8#
 141 432.0 55.8 83.6#

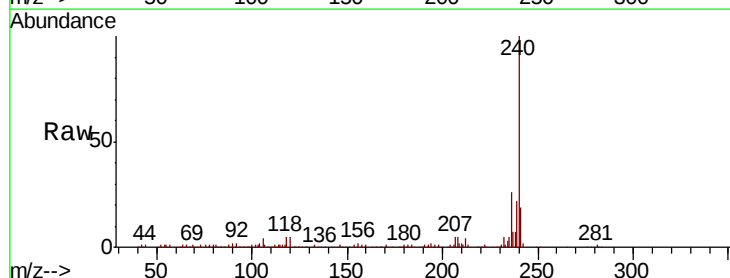


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

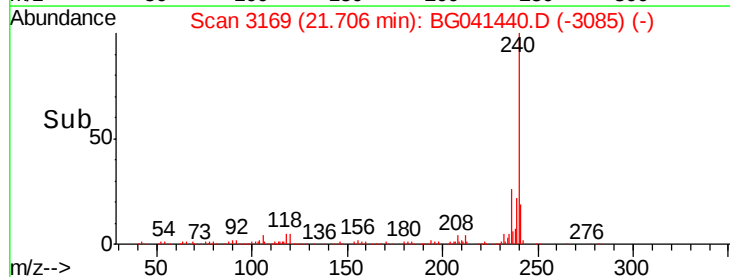
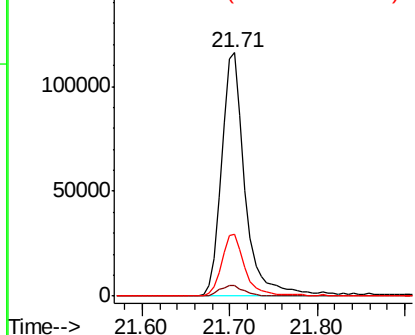


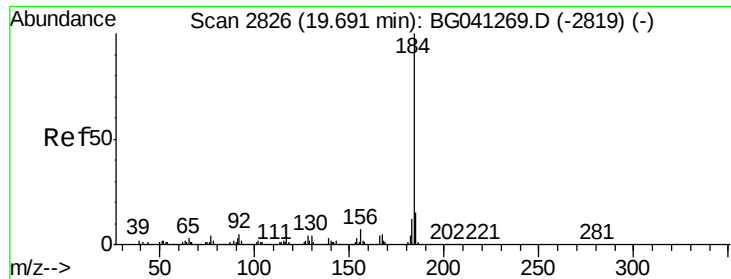
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.04 min
 Lab File: BG041440.D
 Acq: 25 Jun 2019 2:55

Tgt Ion:240 Resp: 215603
 Ion Ratio Lower Upper
 240 100
 120 4.6 3.7 5.5
 236 25.6 21.1 31.7



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

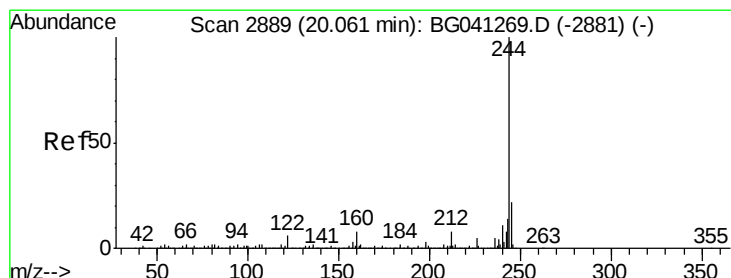
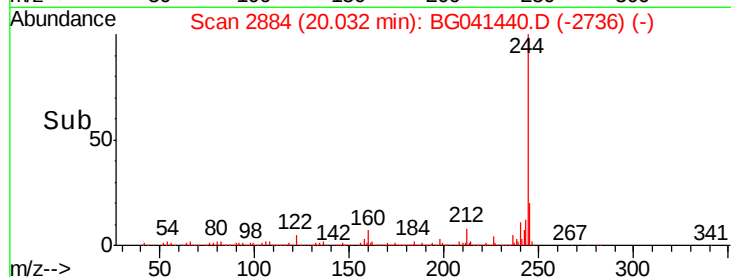
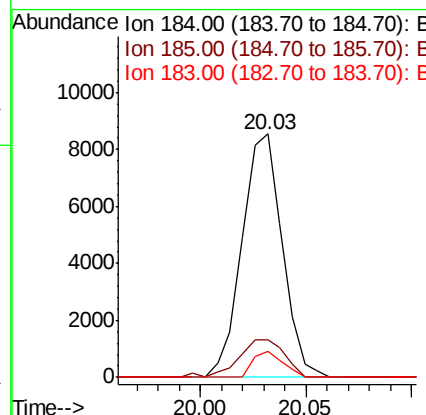
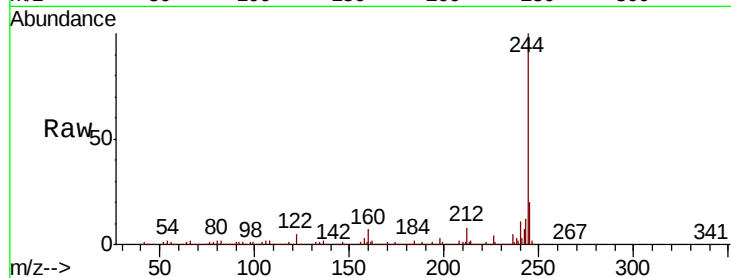




#77
Benzidine
Concen: 2.159 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.34 min
Lab File: BG041440.D
Acq: 25 Jun 2019 2:55

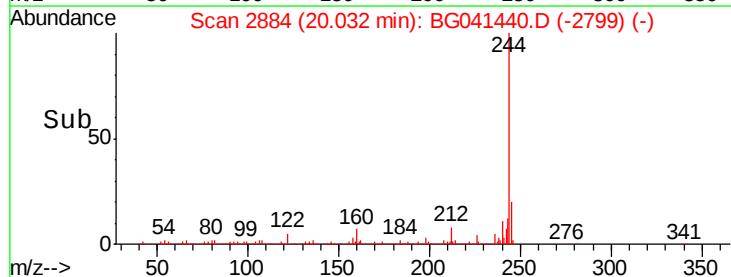
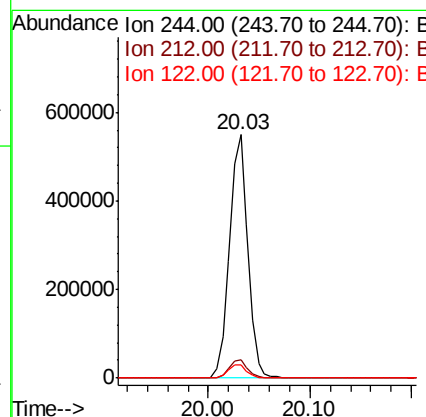
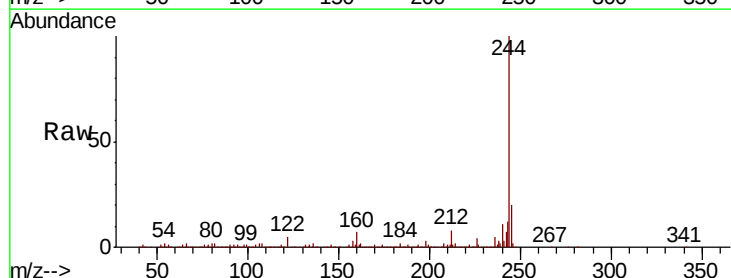
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

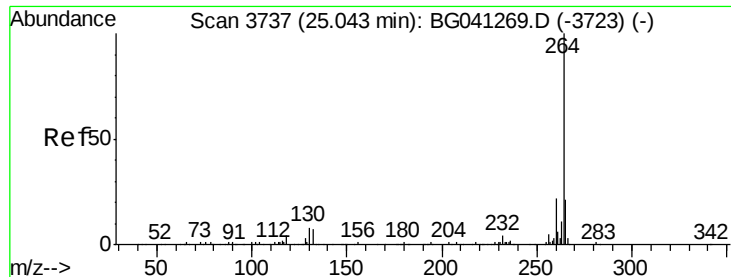
Tgt Ion:184 Resp: 11257
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 10.7 9.6 14.4



#79
Terphenyl-d14
Concen: 63.464 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041440.D
Acq: 25 Jun 2019 2:55

Tgt Ion:244 Resp: 690441
Ion Ratio Lower Upper
244 100
212 7.5 6.6 10.0
122 5.4 5.0 7.4





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3728
 Delta R.T. -0.05 min
 Lab File: BG041440.D
 Acq: 25 Jun 2019 2:55

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	22.1	17.2	25.8

