

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
 Data File : BG041435.D
 Acq On : 24 Jun 2019 23:46
 Operator : HP/JU
 Sample : K3500-01
 Misc : MDL-WATER-8.0PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1(9-10)

Quant Time: Jun 25 05:09:34 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

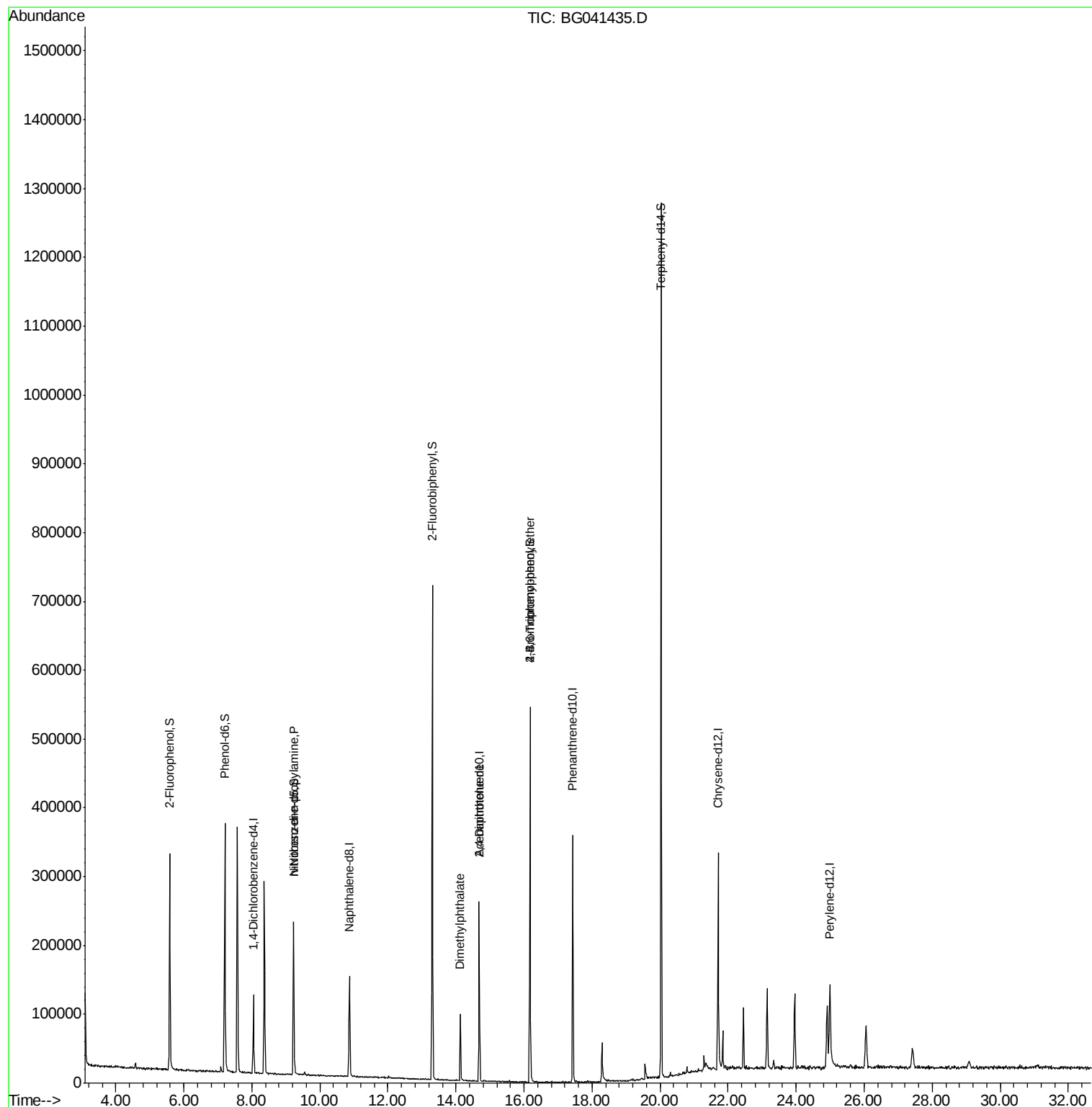
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	31016	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	126463	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	91731	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	226216	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	214816	20.00	ng	-0.04
87) Perylene-d12	24.99	264	176782	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	127624	75.61	ng	-0.04
7) Phenol-d6	7.20	99	207592	84.84	ng	-0.03
23) Nitrobenzene-d5	9.23	82	145287	48.32	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	106143	75.37	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	367028	54.38	ng	-0.04
79) Terphenyl-d14	20.03	244	621036	57.29	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	20087	10.150	ng	Qvalue # 80
50) Dimethylphthalate	14.13	163	66258	8.118	ng	# 99
57) 2,4-Dinitrotoluene	14.68	165	11952	4.751	ng	# 19
67) 4-Bromophenyl-phenylether	16.18	248	7557	2.584	ng	# 1

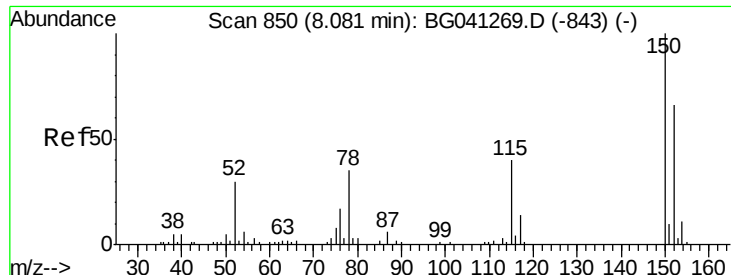
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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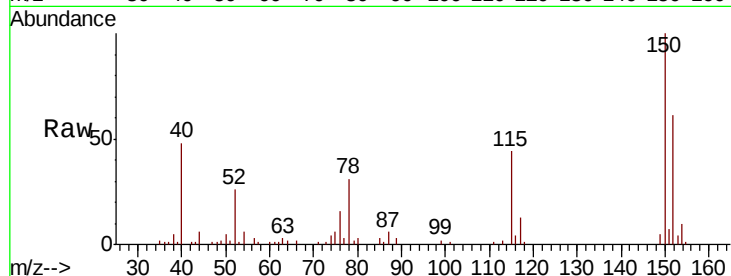


#1

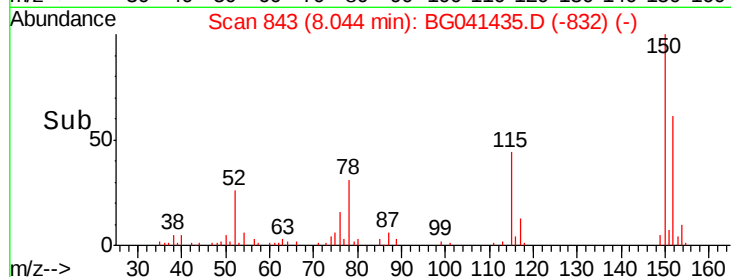
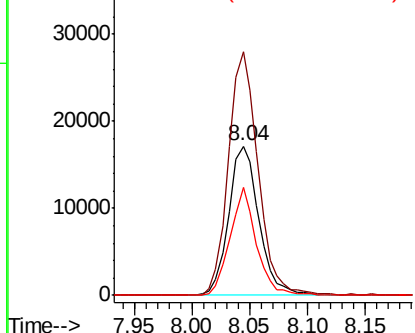
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Instrument :
BNA_G
ClientSampleId :
B-1(9-10)

Tgt Ion:152 Resp: 31016
Ion Ratio Lower Upper
152 100
150 163.1 120.6 181.0
115 72.0 47.9 71.9#



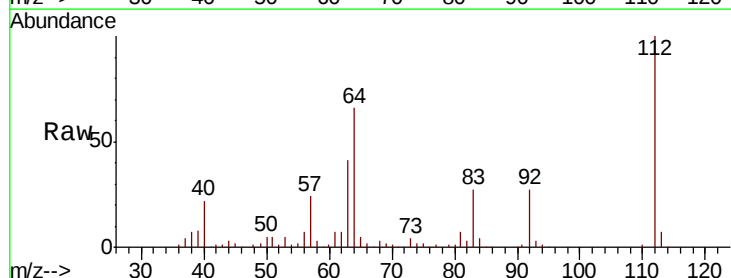
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



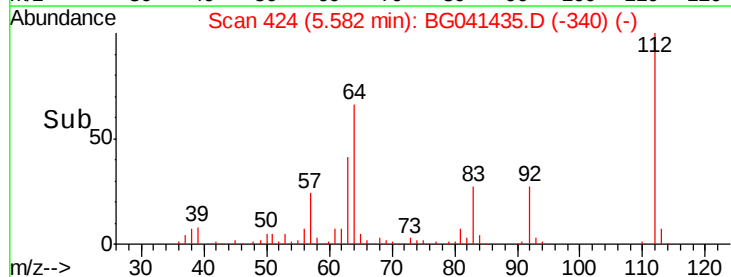
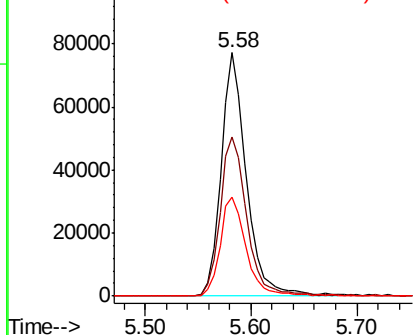
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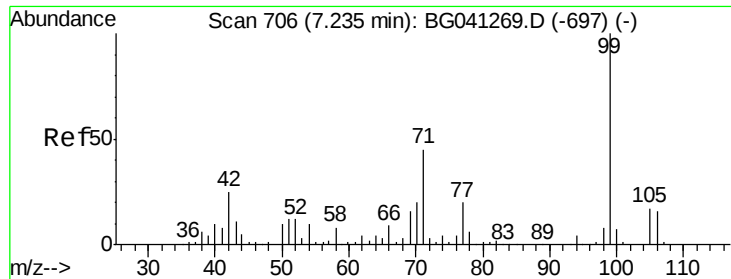
2-Fluorophenol
Concen: 75.606 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Tgt Ion:112 Resp: 127624
Ion Ratio Lower Upper
112 100
64 65.6 55.9 83.9
63 40.6 34.6 51.8



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: 84.842 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

Instrument :

BNA_G

ClientSampleId :

B-1(9-10)

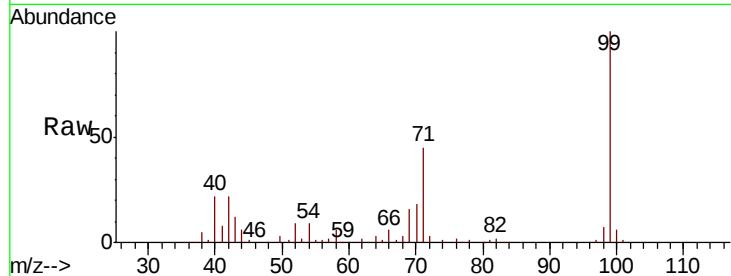
Tgt Ion: 99 Resp: 207592

Ion Ratio Lower Upper

99 100

42 21.6 19.9 29.9

71 44.6 36.4 54.6

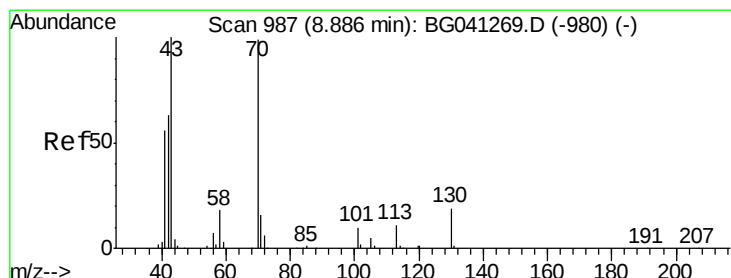
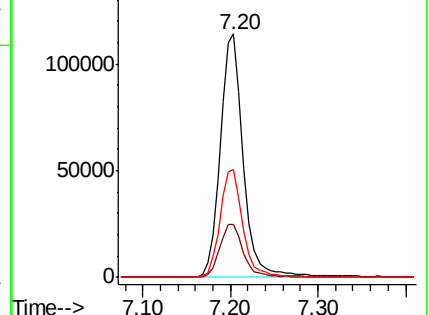
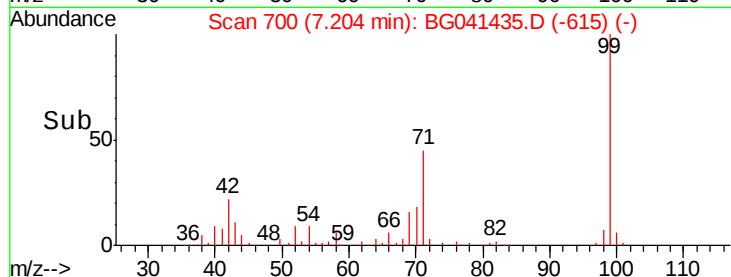


Abundance

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: 10.150 ng

RT: 9.23 min Scan# 1044

Delta R.T. 0.34 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

Tgt Ion: 70 Resp: 20087

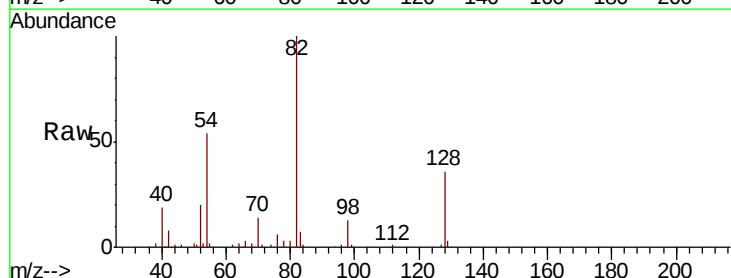
Ion Ratio Lower Upper

70 100

42 53.4 51.4 77.2

101 0.0 8.2 12.2#

130 2.8 15.2 22.8#



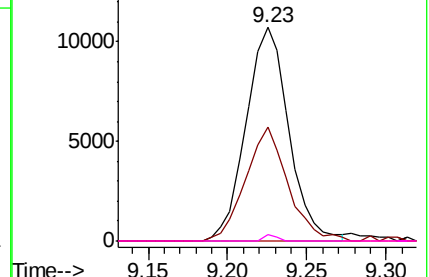
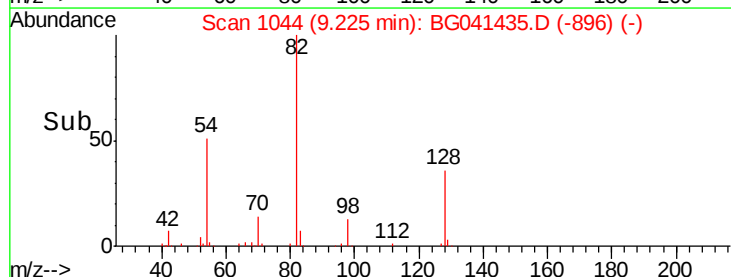
Abundance

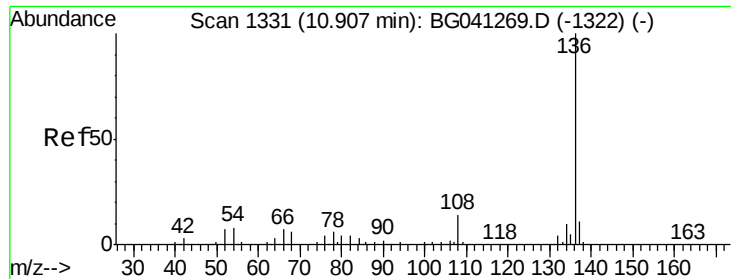
Ion 70.00 (69.70 to 70.70): BGC

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

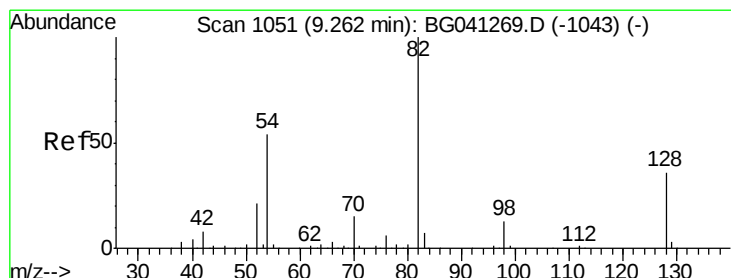
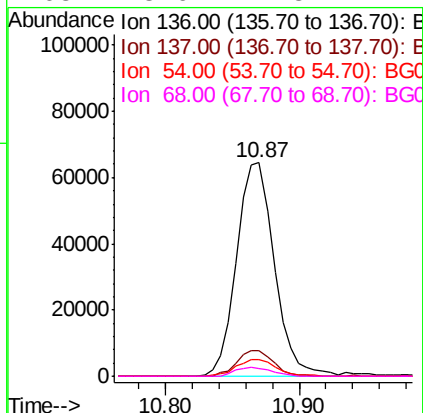
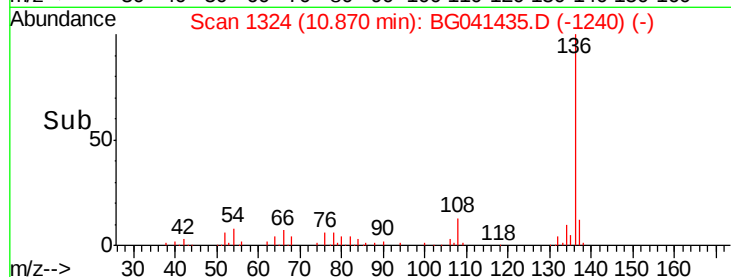
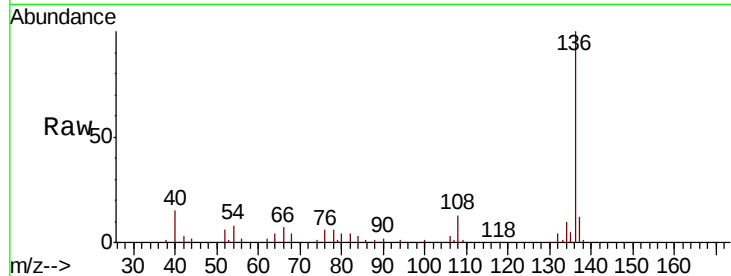




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

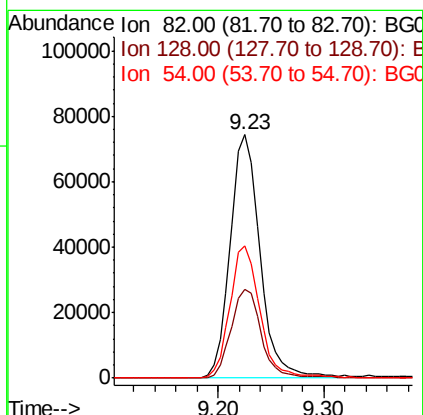
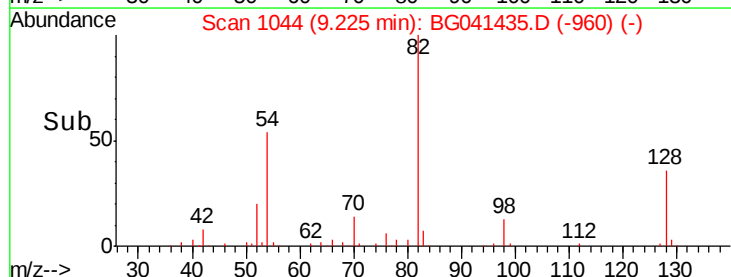
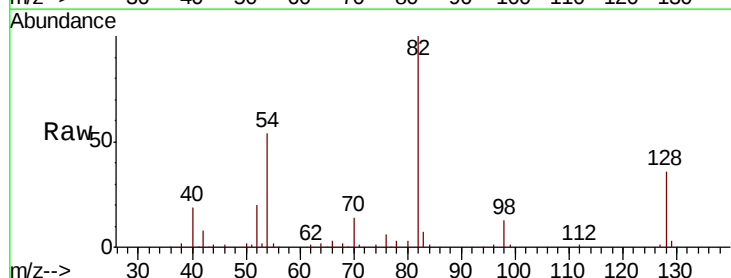
Instrument :
BNA_G
ClientSampleId :
B-1(9-10)

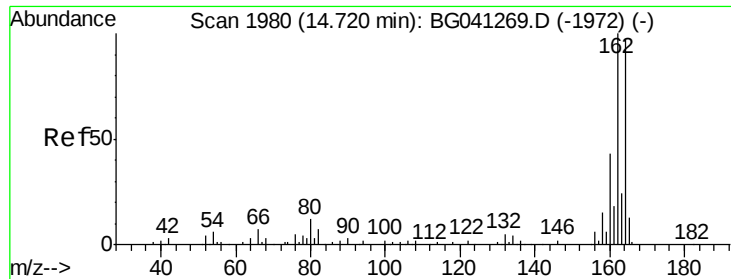
Tgt Ion:	136	Resp:	126463
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.8	13.2
54	7.5	6.4	9.6
68	3.6	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 48.316 ng
RT: 9.23 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Tgt Ion:	82	Resp:	145287
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.2	43.8
54	54.4	43.4	65.0

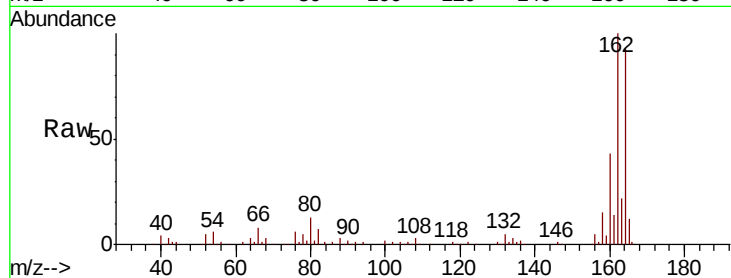




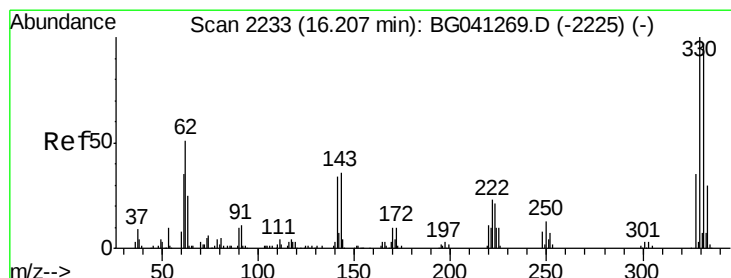
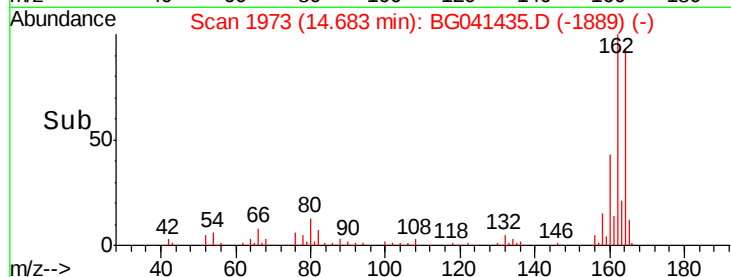
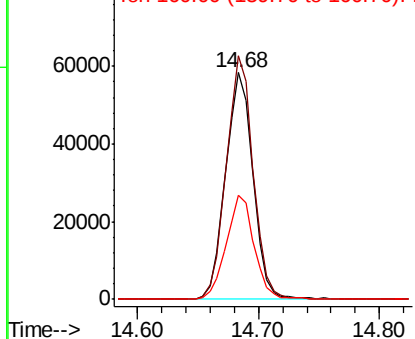
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Instrument :
BNA_G
ClientSampleId :
B-1(9-10)

Tgt Ion:164 Resp: 91731
Ion Ratio Lower Upper
164 100
162 107.4 82.8 124.2
160 46.1 35.8 53.8

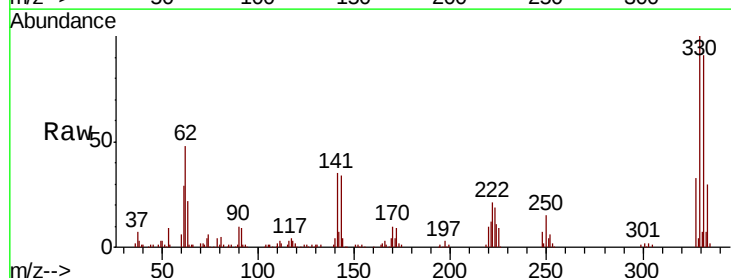


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

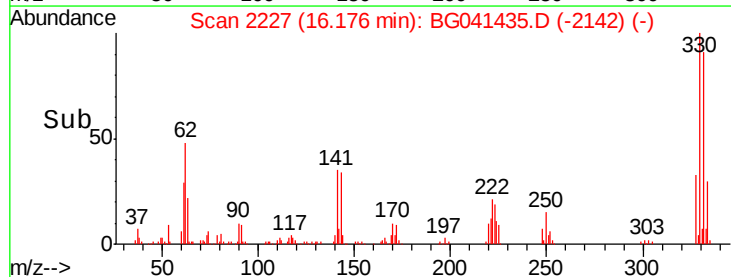
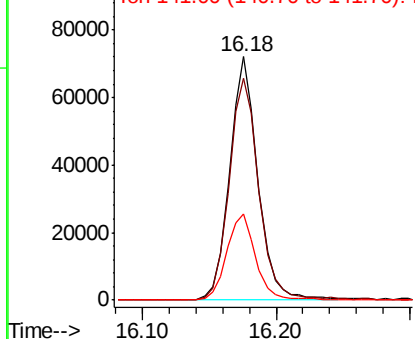


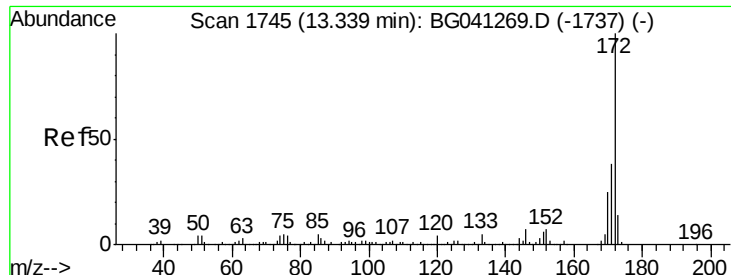
#42
2,4,6-Tribromophenol
Concen: 75.371 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.03 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Tgt Ion:330 Resp: 106143
Ion Ratio Lower Upper
330 100
332 96.6 75.5 113.3
141 35.9 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

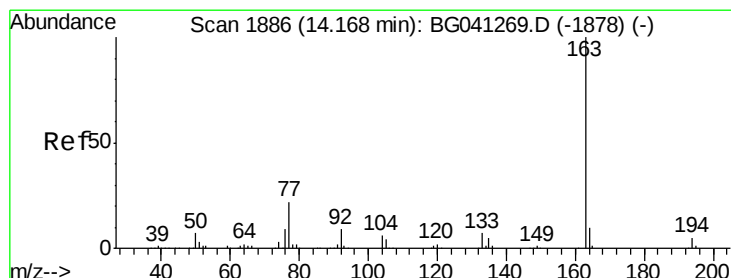
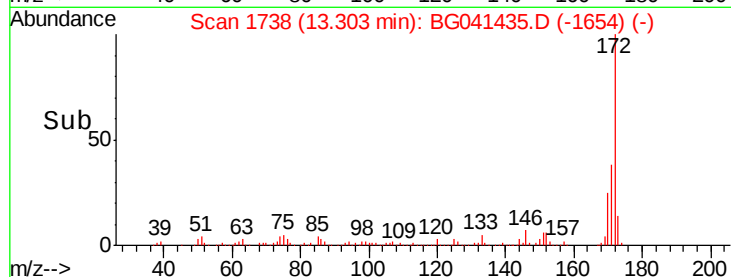
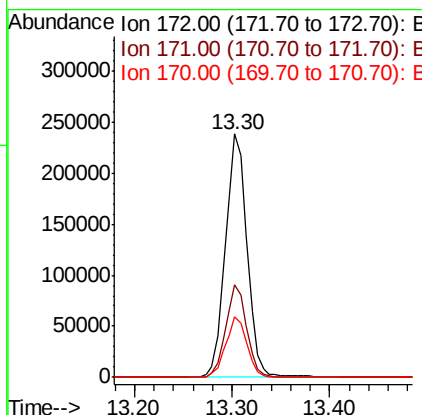
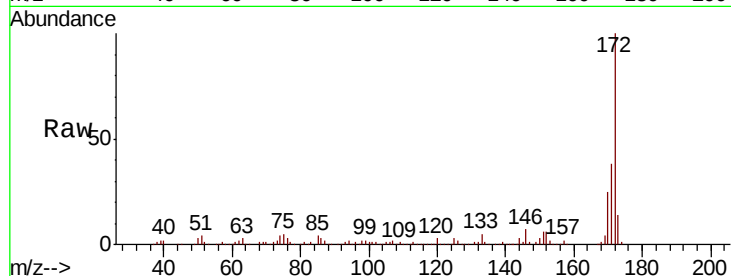




#45
2-Fluorobiphenyl
Concen: 54.382 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

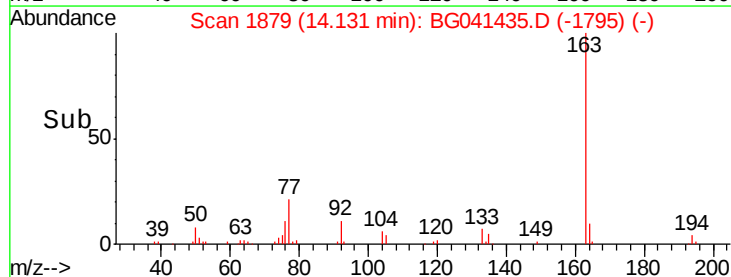
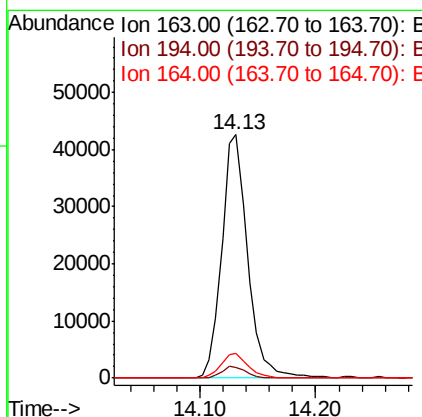
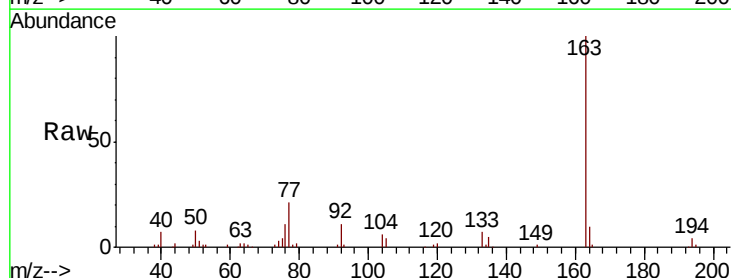
Instrument :
BNA_G
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B-1(9-10)

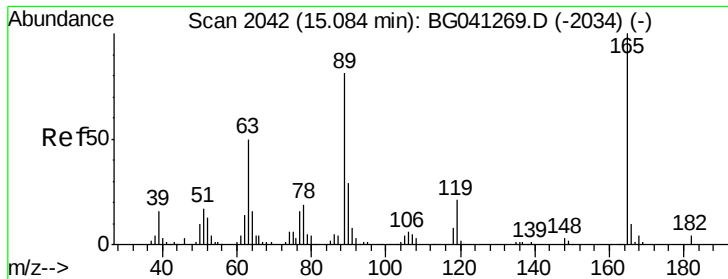
Tgt Ion:172 Resp: 367028
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 24.7 19.8 29.6



#50
Dimethylphthalate
Concen: 8.118 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Tgt Ion:163 Resp: 66258
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.3 8.3 12.5

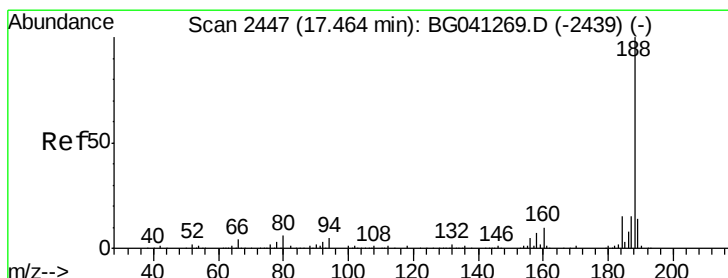
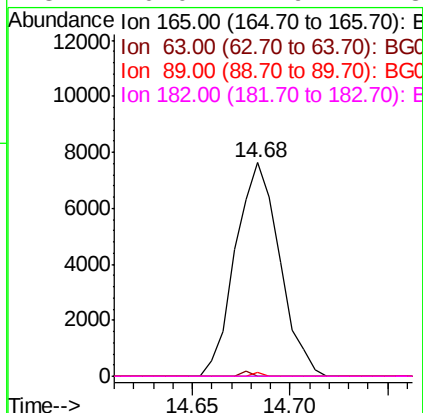
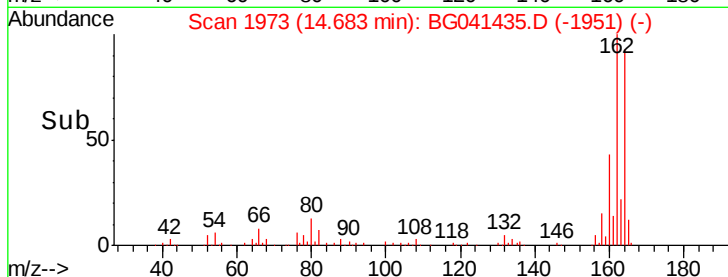
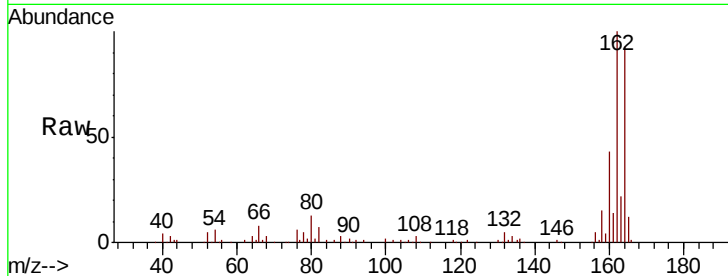




#57
 2,4-Dinitrotoluene
 Concen: 4.751 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.40 min
 Lab File: BG041435.D
 Acq: 24 Jun 2019 23:46

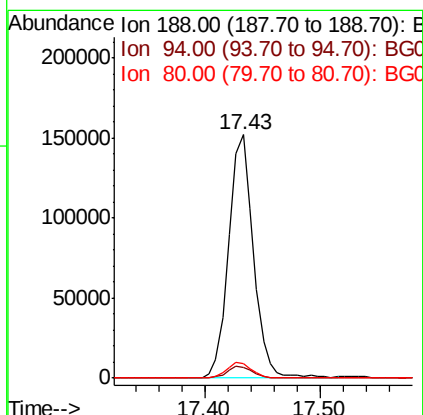
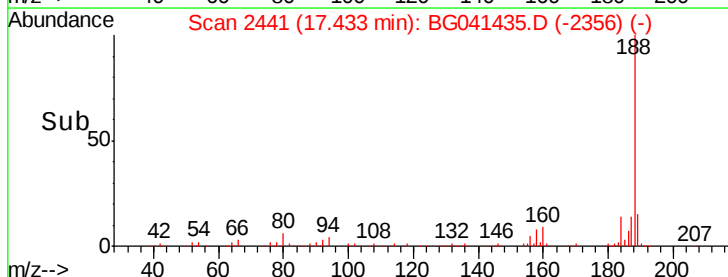
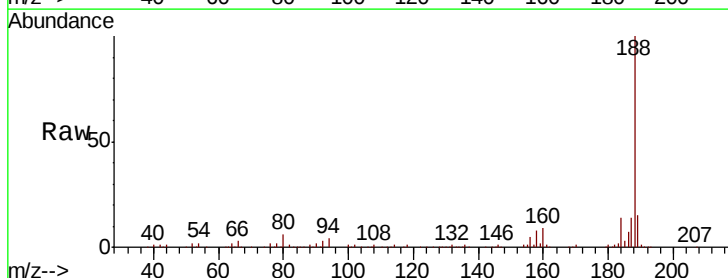
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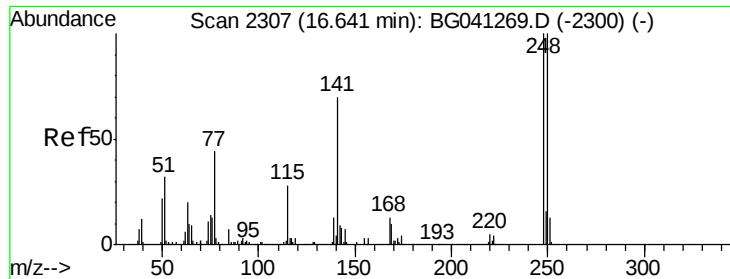
Tgt Ion:	165	Resp:	11952
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.1	64.6	96.8#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.03 min
 Lab File: BG041435.D
 Acq: 24 Jun 2019 23:46

Tgt Ion:	188	Resp:	226216
Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.6	5.4
80	6.1	4.8	7.2

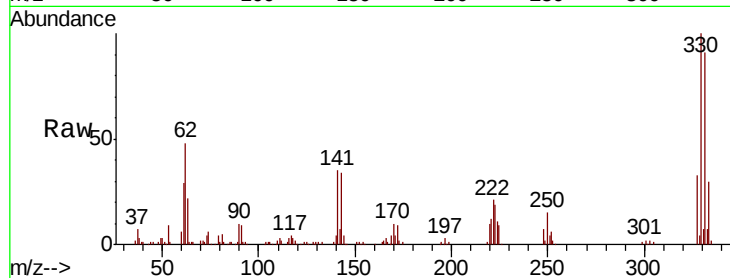




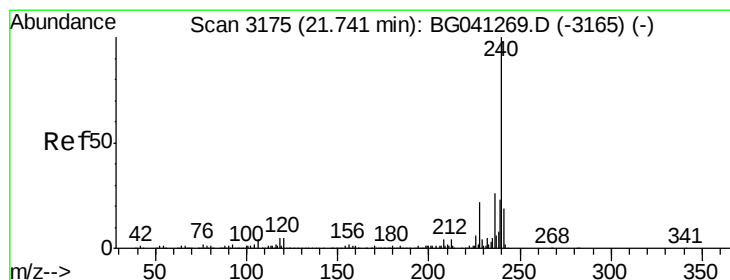
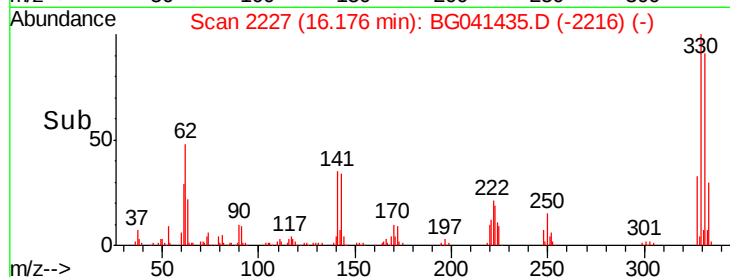
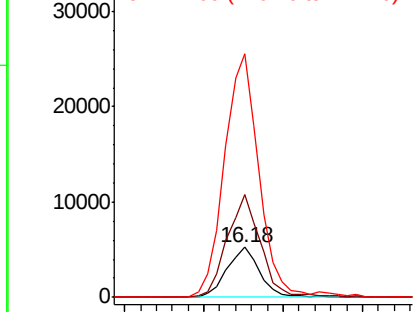
#67
4-Bromophenyl-phenylether
Concen: 2.584 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.47 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Instrument :
BNA_G
ClientSampleId :
B-1(9-10)

Tgt Ion:248 Resp: 7557
Ion Ratio Lower Upper
248 100
250 157.4 79.8 119.8#
141 370.7 55.8 83.6#

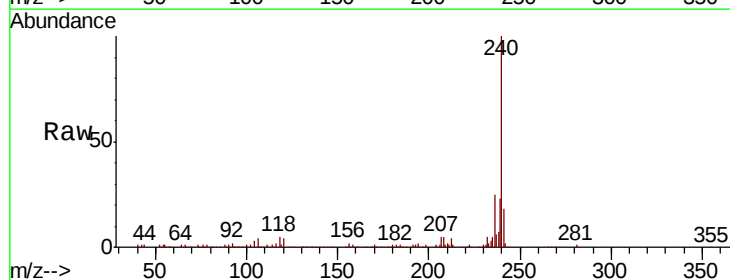


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

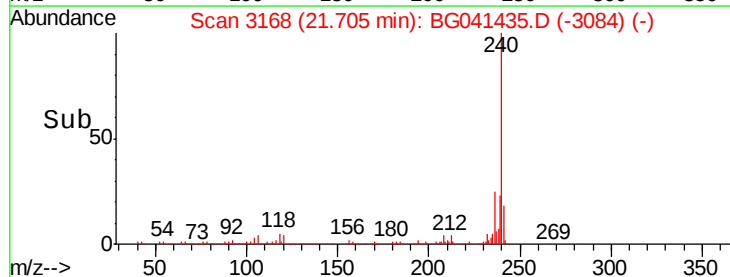
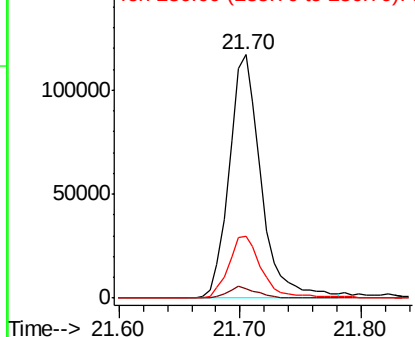


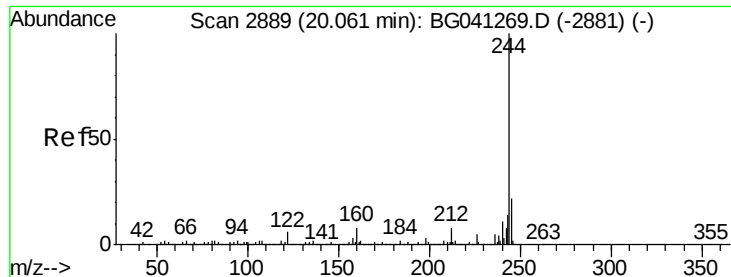
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Tgt Ion:240 Resp: 214816
Ion Ratio Lower Upper
240 100
120 4.1 3.7 5.5
236 25.5 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





#79

Terphenyl-d14

Concen: 57.294 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

Instrument :

BNA_G

ClientSampleId :

B-1(9-10)

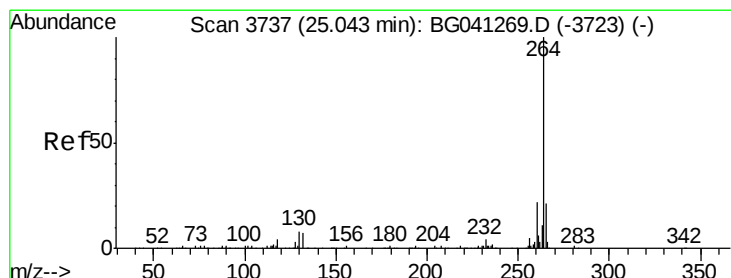
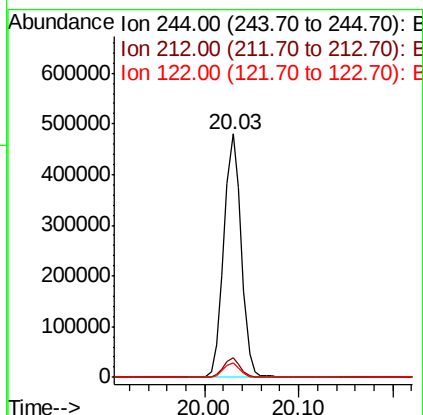
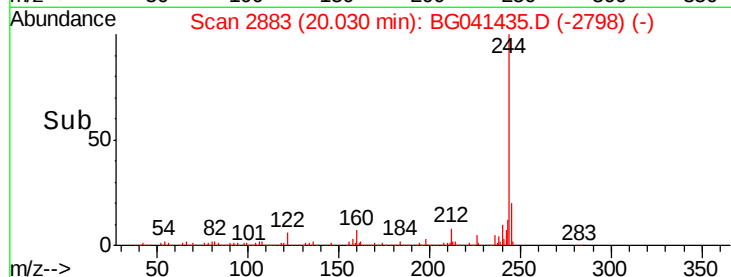
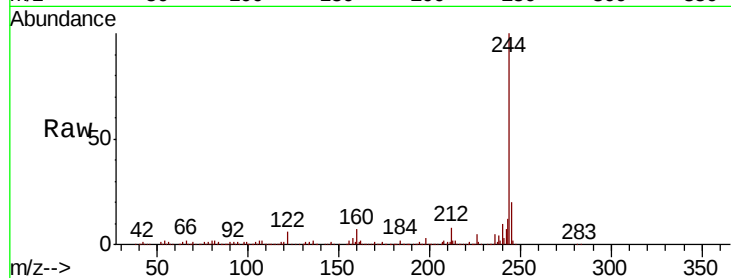
Tgt Ion:244 Resp: 621036

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

122 5.8 5.0 7.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.05 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

Tgt Ion:264 Resp: 176782

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.2

265 19.8 17.2 25.8

