

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
 Data File : BG041539.D
 Acq On : 29 Jun 2019 10:26
 Operator : HP/JU
 Sample : K3572-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAY-5

Quant Time: Jun 30 00:54:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21993	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	77580	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	51019	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	140964	20.00	ng	0.00
76) Chrysene-d12	21.70	240	191495	20.00	ng	0.00
87) Perylene-d12	24.99	264	220226	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	72259	58.58	ng	0.00
7) Phenol-d6	7.18	99	58606	33.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	171365	92.13	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	145788	167.36	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	389793	98.04	ng	0.00
79) Terphenyl-d14	20.03	244	888431	98.59	ng	0.00

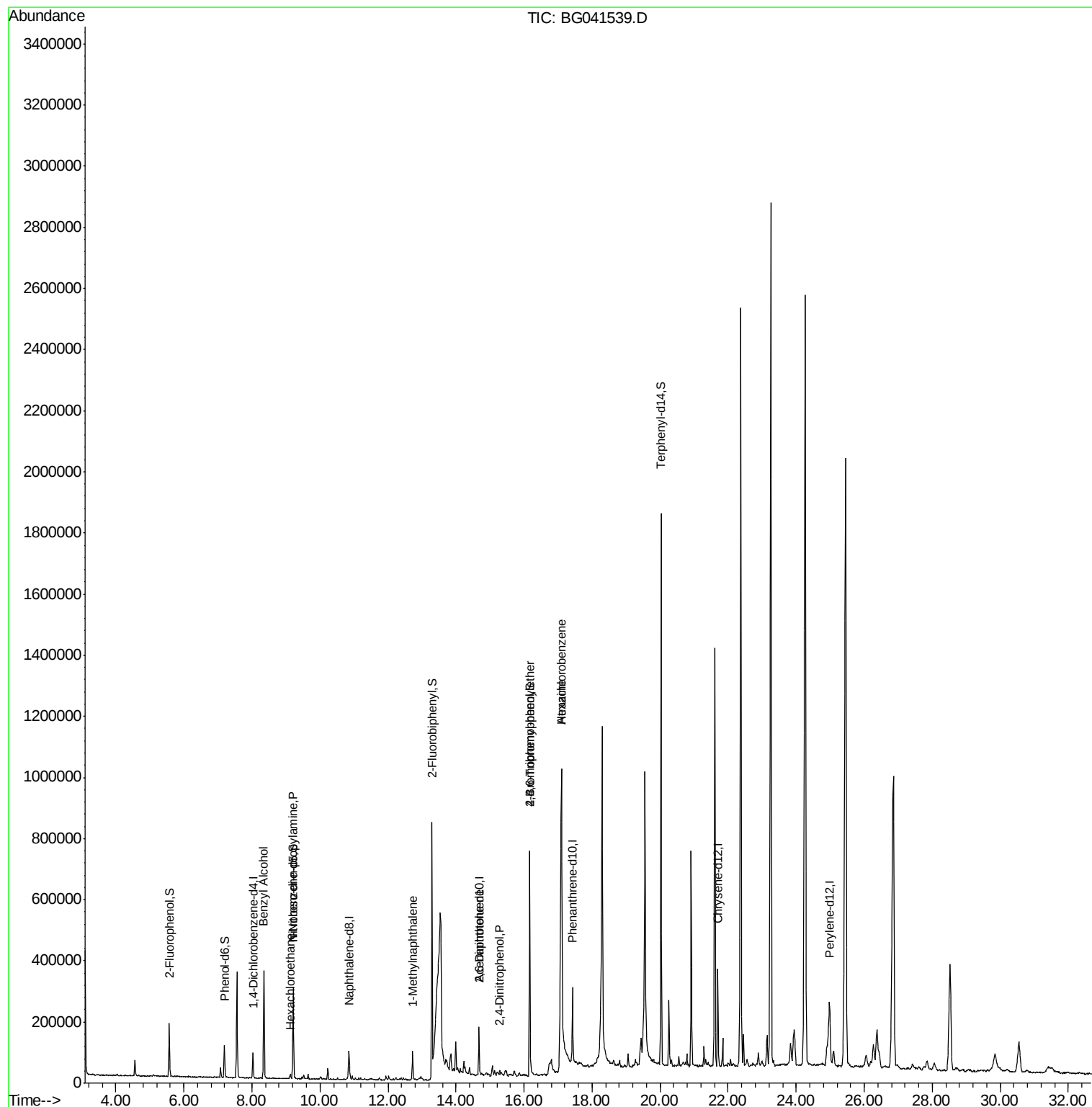
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.35	79	2997	2.167	ng	# 56
18) Hexachloroethane	9.13	117	2601	3.654	ng	# 1
19) n-Nitroso-di-n-propylamine	9.21	70	23628	18.241	ng	# 82
38) 1-Methylnaphthalene	12.72	142	39079	12.923	ng	# 97
51) 2,6-Dinitrotoluene	14.68	165	6510	6.607	ng	# 22
54) 2,4-Dinitrophenol	15.29	184	58	8.034	ng	# 1
67) 4-Bromophenyl-phenylether	16.17	248	10568	5.486	ng	# 1
68) Hexachlorobenzene	17.11	284	56574	27.258	ng	# 46
69) Atrazine	17.11	200	4378	2.666	ng	# 45

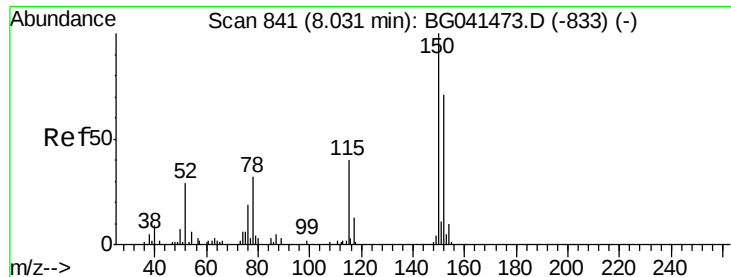
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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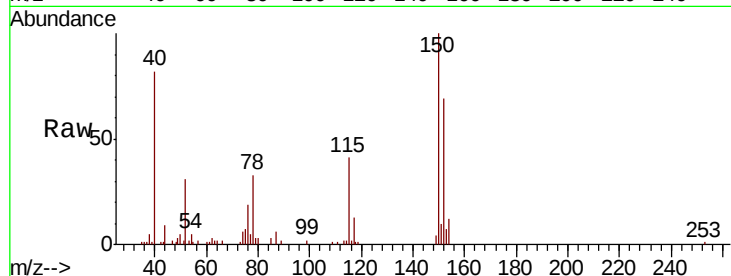


#1

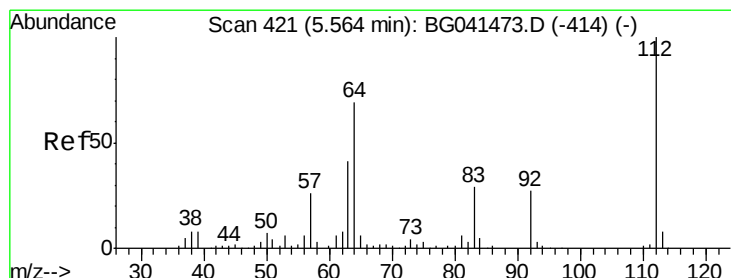
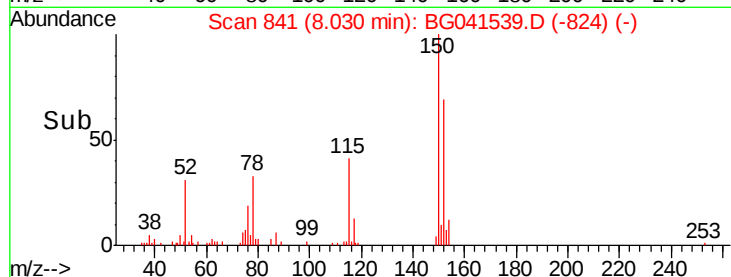
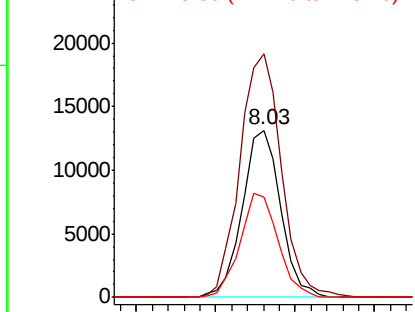
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Instrument :
BNA_G
ClientSampled :
DAY-5

Tgt Ion:152 Resp: 21993
Ion Ratio Lower Upper
152 100
150 145.9 112.4 168.6
115 60.5 44.6 66.8



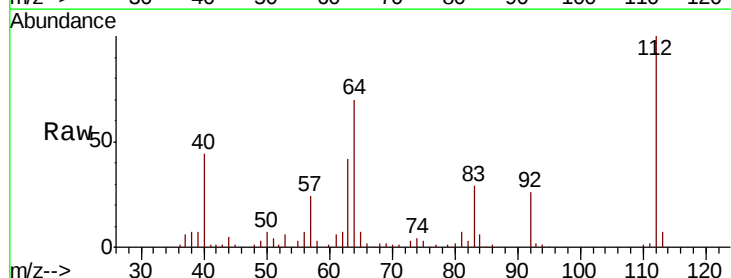
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



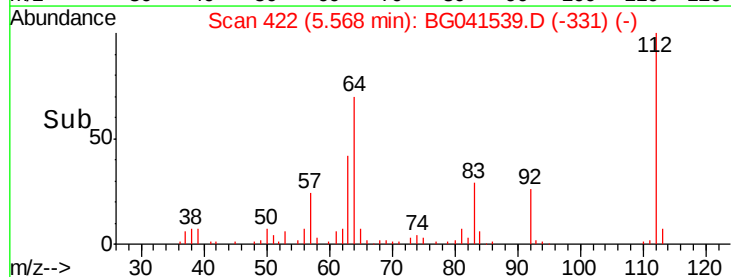
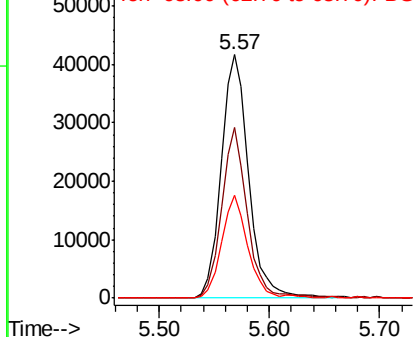
#5

2-Fluorophenol
Concen: 58.576 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Tgt Ion:112 Resp: 72259
Ion Ratio Lower Upper
112 100
64 69.8 55.1 82.7
63 42.2 32.4 48.6



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: 33.748 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041539.D

Acq: 29 Jun 2019 10:26

Instrument :

BNA_G

ClientSampleId :

DAY-5

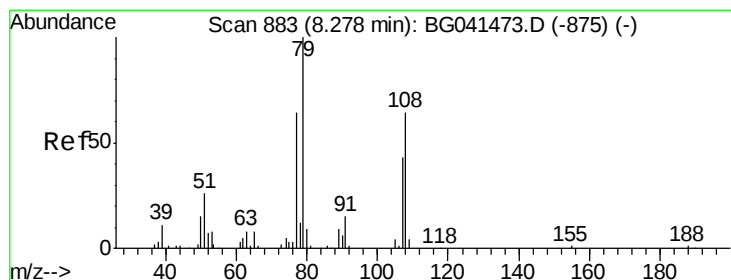
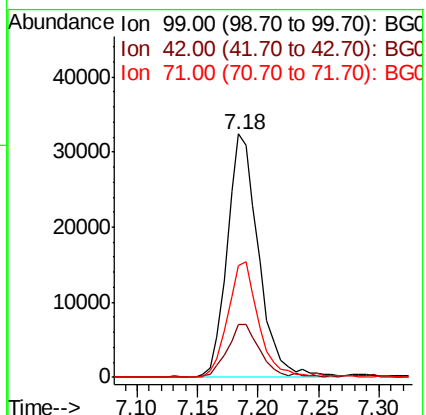
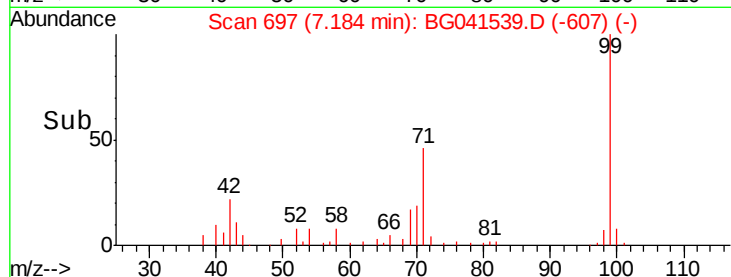
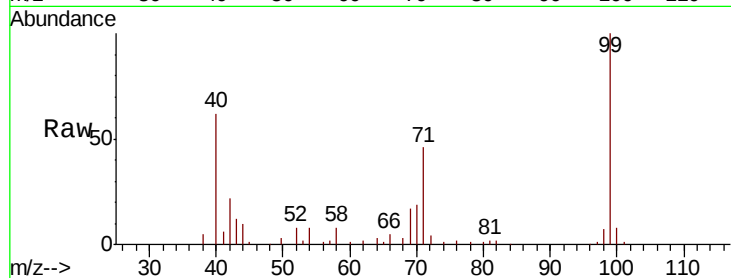
Tgt Ion: 99 Resp: 58606

Ion Ratio Lower Upper

99 100

42 21.8 19.0 28.6

71 46.0 37.4 56.2



#15

Benzyl Alcohol

Concen: 2.167 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041539.D

Acq: 29 Jun 2019 10:26

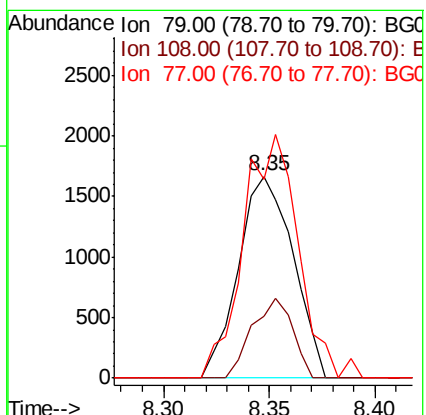
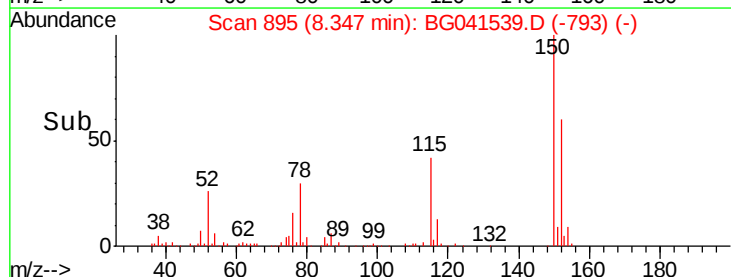
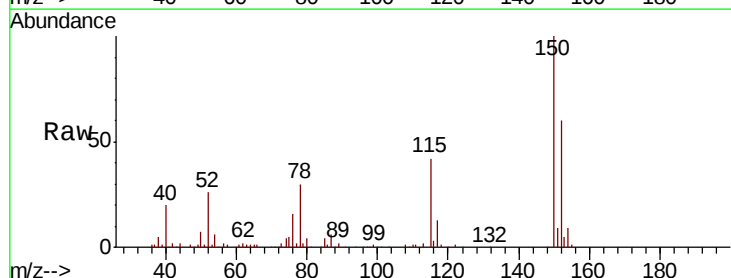
Tgt Ion: 79 Resp: 2997

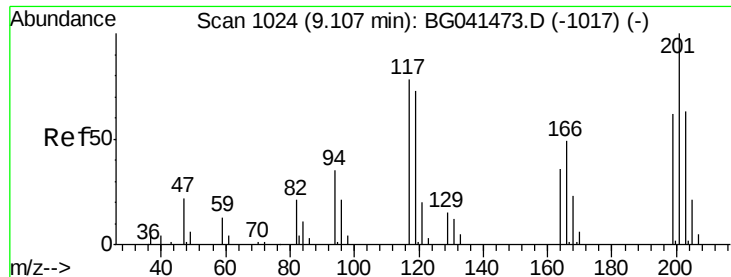
Ion Ratio Lower Upper

79 100

108 30.9 51.4 77.0#

77 98.6 50.8 76.2#

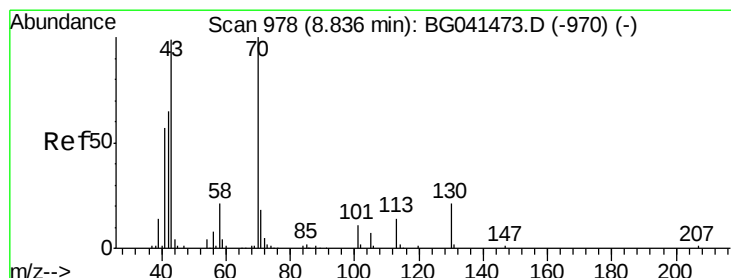
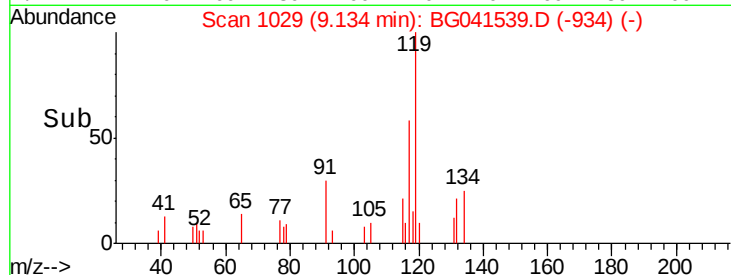
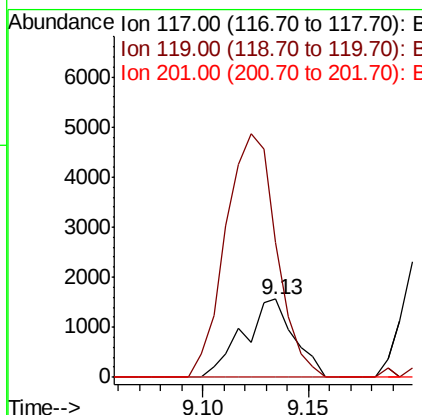
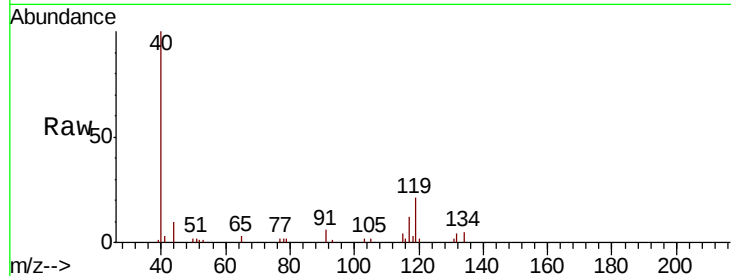




#18
Hexachloroethane
Concen: 3.654 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.03 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

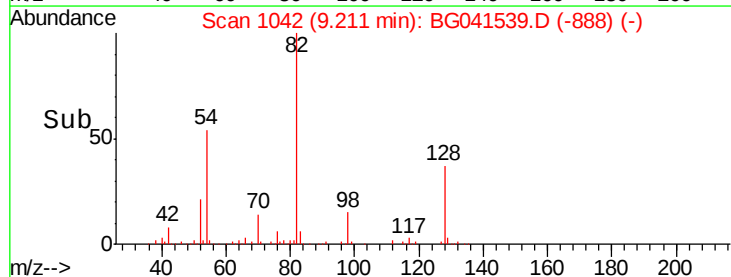
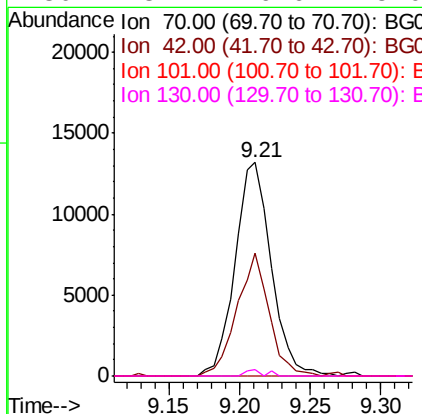
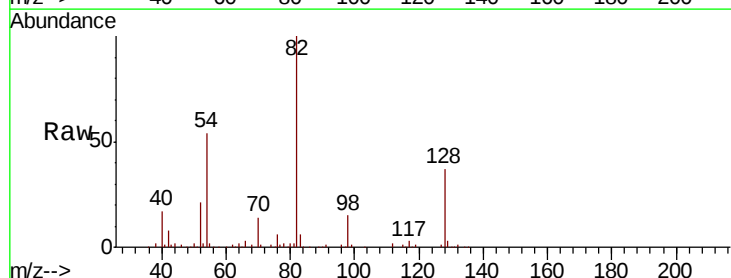
Instrument :
BNA_G
ClientSampleId :
DAY-5

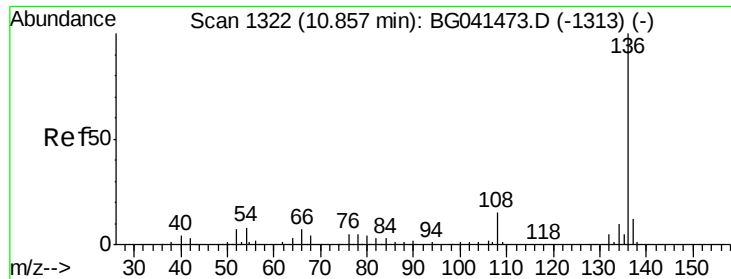
Tgt Ion: 117 Resp: 2601
Ion Ratio Lower Upper
117 100
119 172.8 74.3 111.5#
201 0.0 102.3 153.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.241 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Tgt Ion: 70 Resp: 23628
Ion Ratio Lower Upper
70 100
42 57.7 52.6 78.8
101 0.0 8.6 13.0#
130 3.1 16.6 25.0#

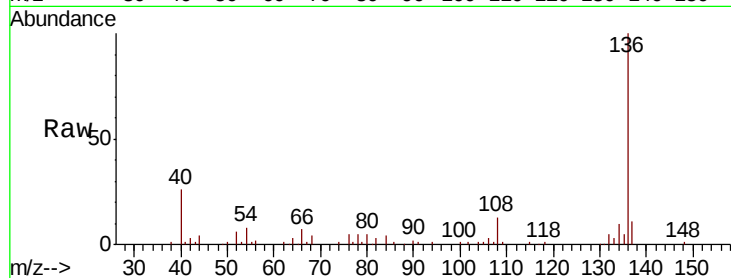




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Instrument :
BNA_G
ClientSampleId :
DAY-5

Tgt Ion:	136	Resp:	77580
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	7.6	7.1	10.7
68	4.2	3.3	4.9



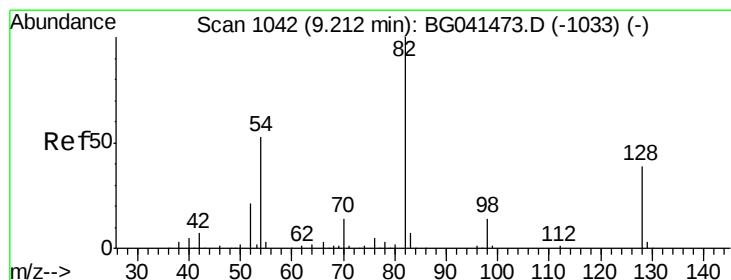
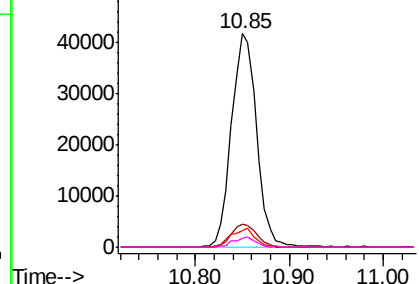
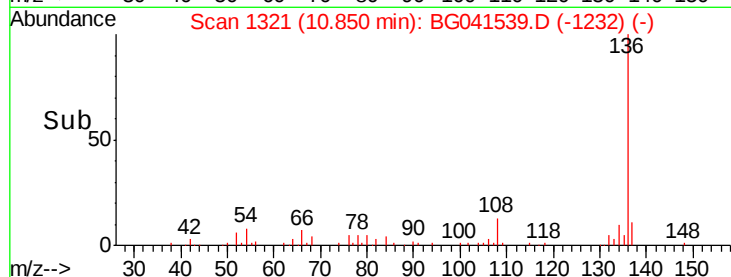
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

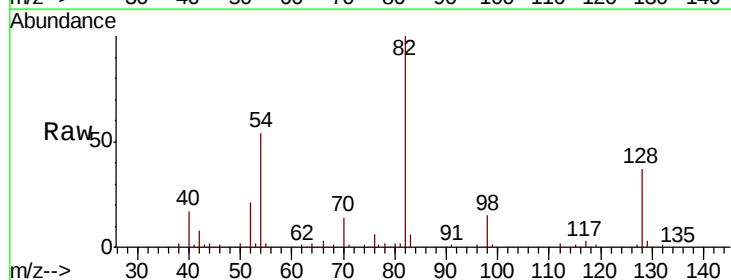
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 92.126 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Tgt Ion:	82	Resp:	171365
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.9	46.3
54	54.3	42.2	63.2

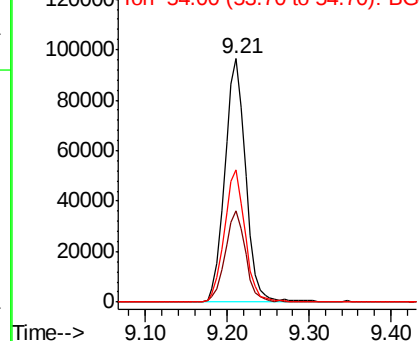
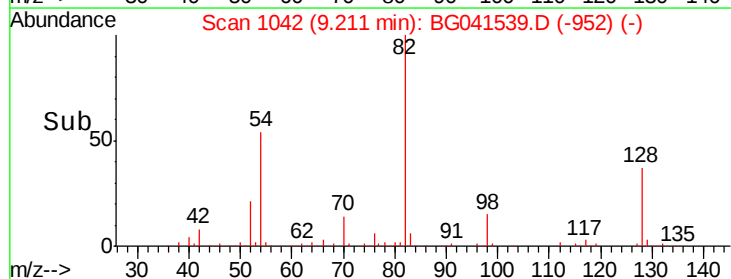


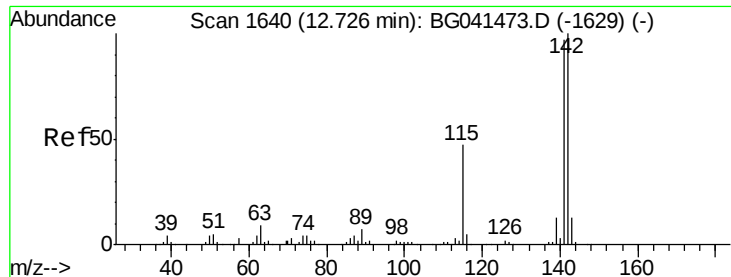
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

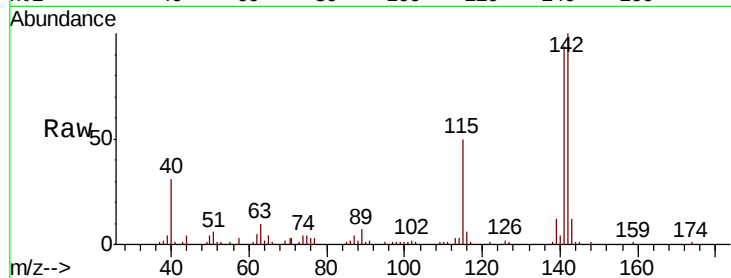




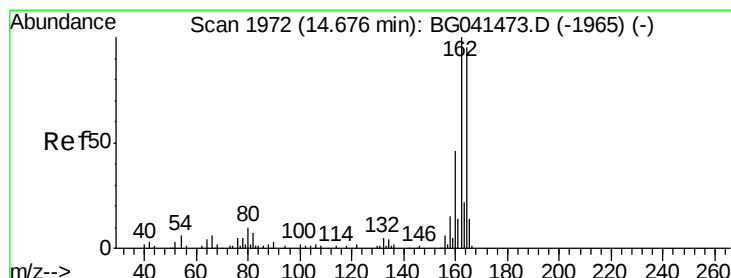
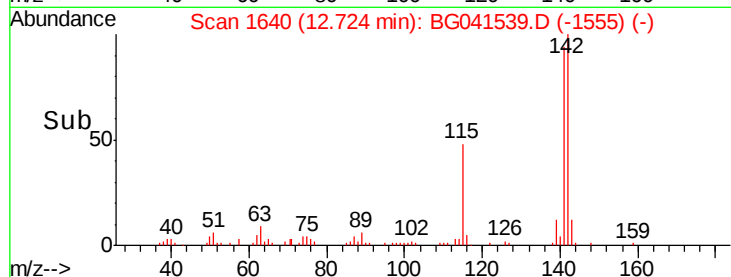
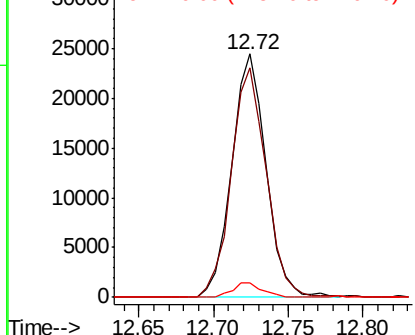
#38
1-Methylnaphthalene
Concen: 12.923 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Instrument :
BNA_G
ClientSampleId :
DAY-5

Tgt Ion:142 Resp: 39079
Ion Ratio Lower Upper
142 100
141 94.0 77.4 116.2
116 5.8 3.8 5.8#

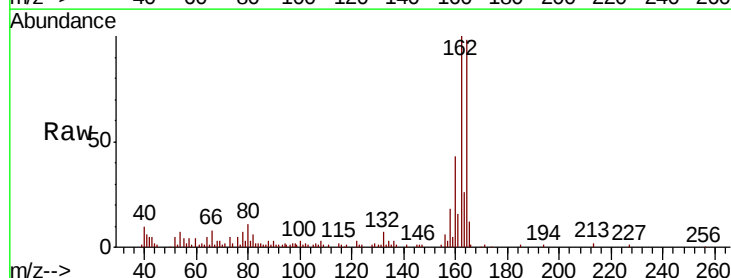


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

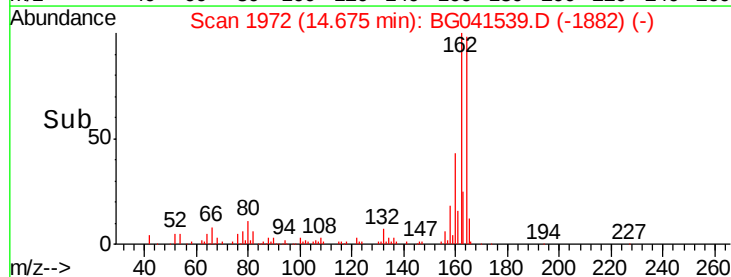
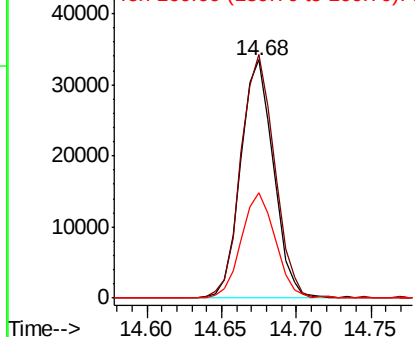


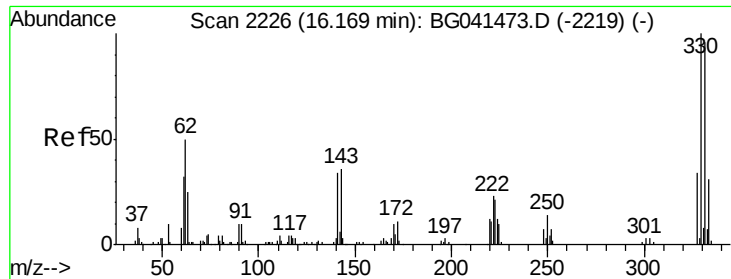
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Tgt Ion:164 Resp: 51019
Ion Ratio Lower Upper
164 100
162 102.2 84.4 126.6
160 44.1 38.8 58.2



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

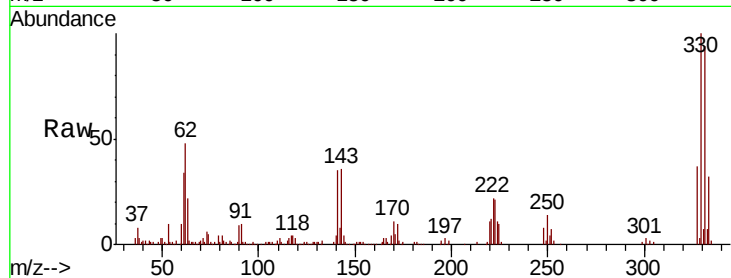




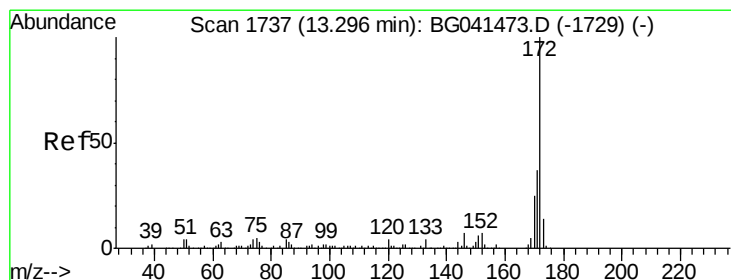
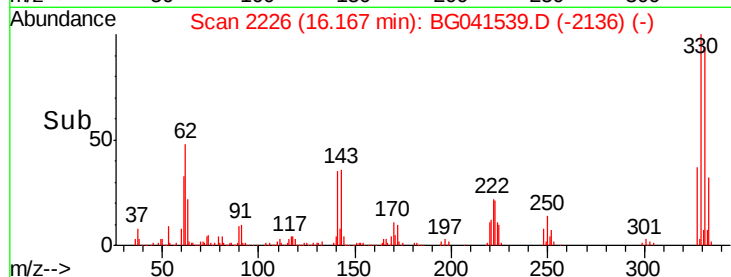
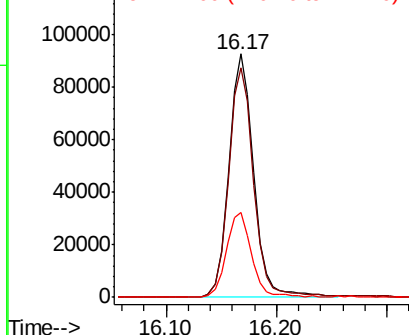
#42
 2,4,6-Tribromophenol
 Concen: 167.358 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041539.D
 Acq: 29 Jun 2019 10:26

Instrument :
 BNA_G
 ClientSampleId :
 DAY-5

Tgt Ion:330 Resp: 145788
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.5 113.3
 141 35.7 27.8 41.6

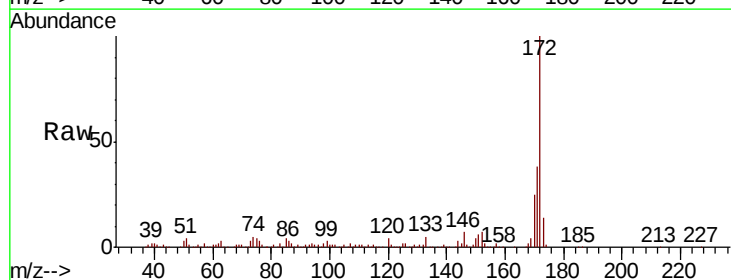


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

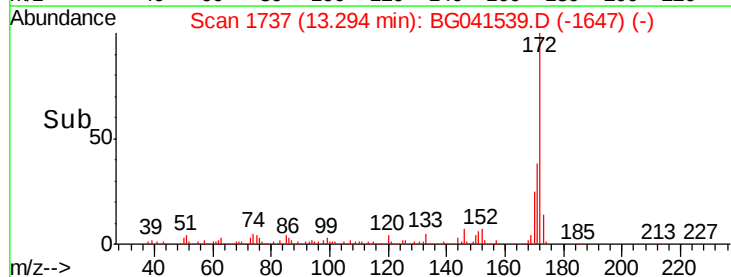
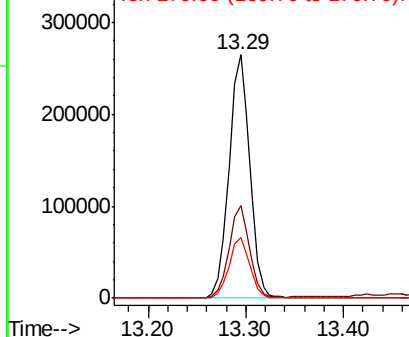


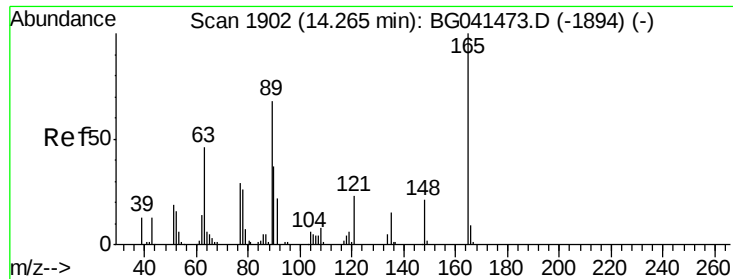
#45
 2-Fluorobiphenyl
 Concen: 98.043 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041539.D
 Acq: 29 Jun 2019 10:26

Tgt Ion:172 Resp: 389793
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.6 44.4
 170 25.1 20.0 30.0



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

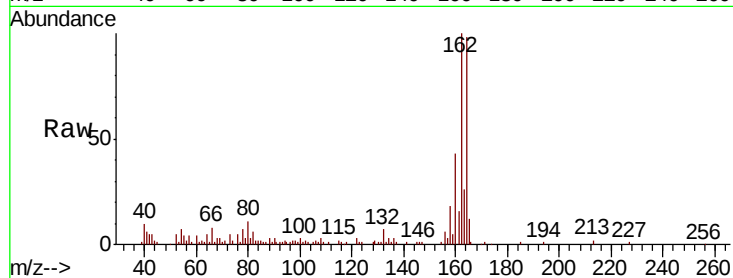




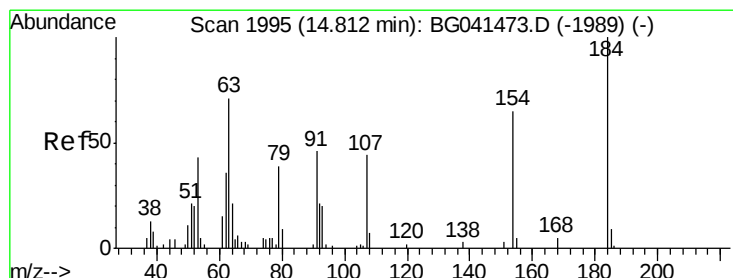
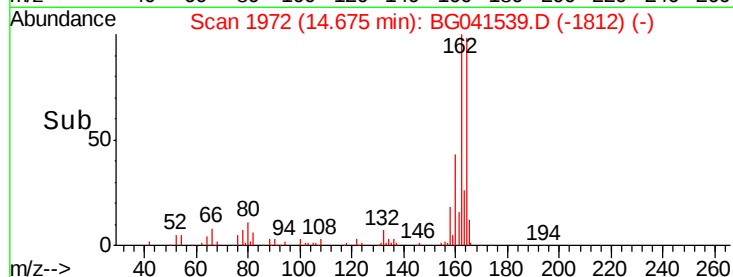
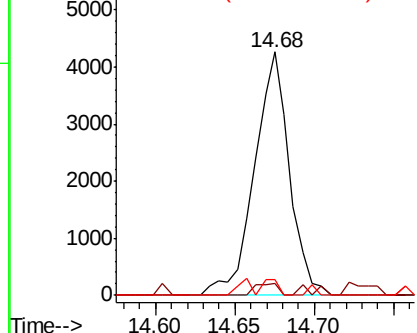
#51
2,6-Dinitrotoluene
Concen: 6.607 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Instrument :
BNA_G
ClientSampleId :
DAY-5

Tgt Ion:165 Resp: 6510
Ion Ratio Lower Upper
165 100
63 5.0 56.4 84.6#
89 6.7 54.6 81.8#

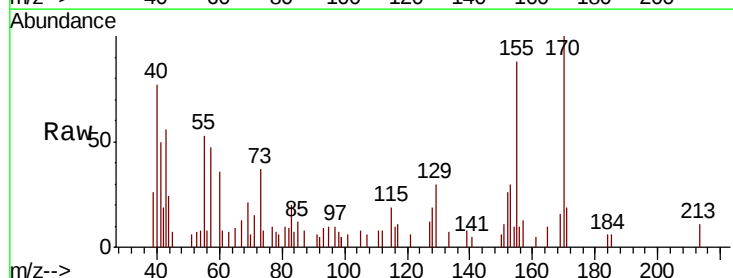


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

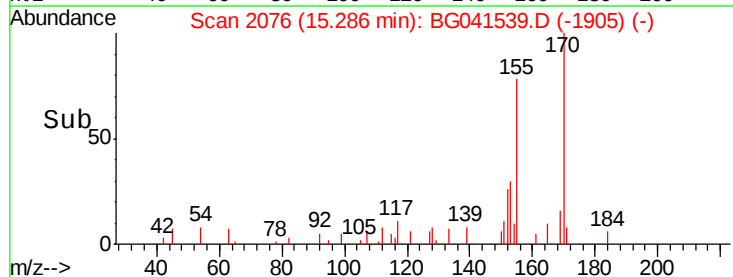
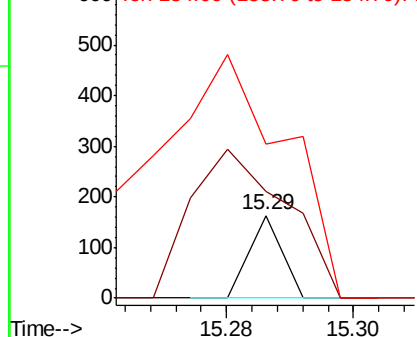


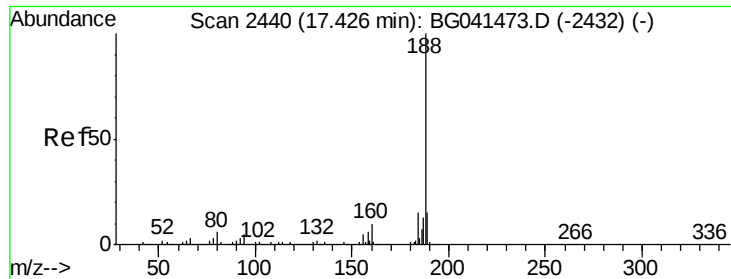
#54
2,4-Dinitrophenol
Concen: 8.034 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.48 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 129.3 56.5 84.7#
154 186.0 54.2 81.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

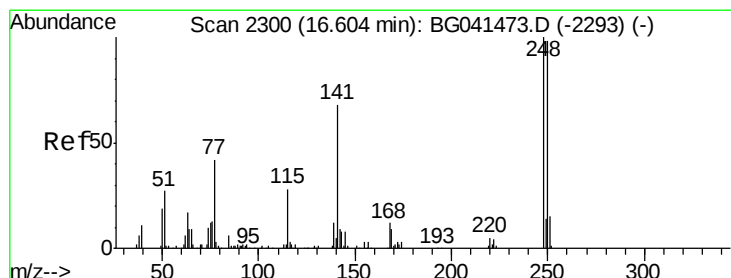
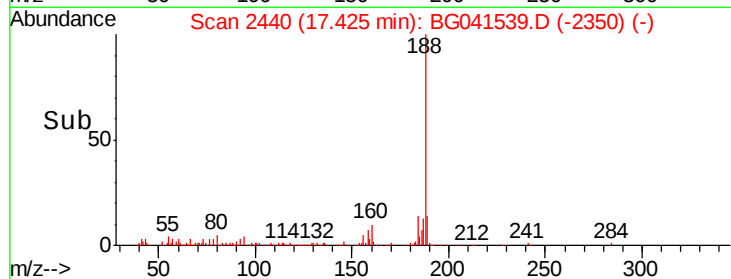
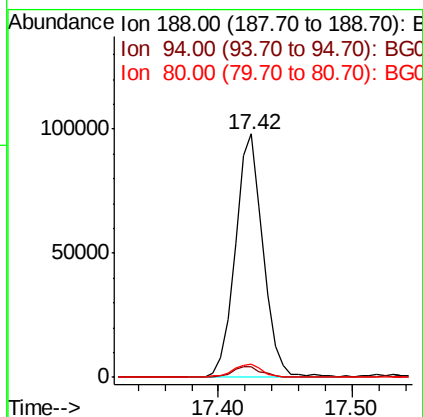
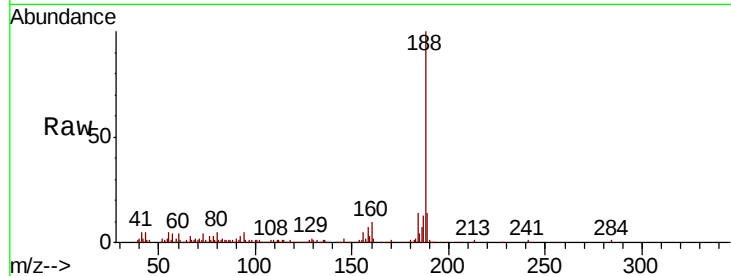




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

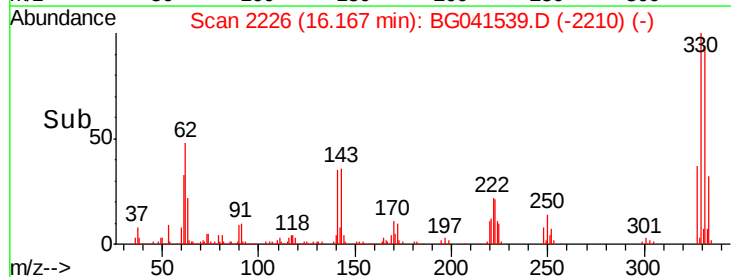
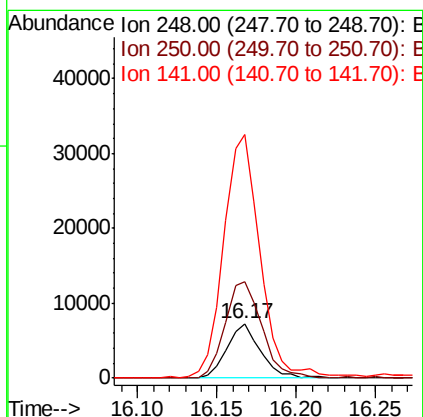
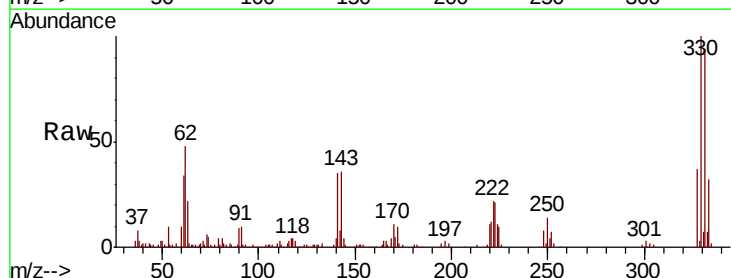
Instrument :
BNA_G
ClientSampleId :
DAY-5

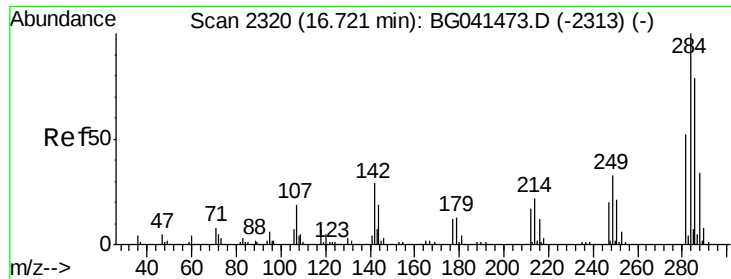
Tgt Ion:188 Resp: 140964
Ion Ratio Lower Upper
188 100
94 4.6 3.8 5.8
80 5.4 4.8 7.2



#67
4-Bromophenyl-phenylether
Concen: 5.486 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Tgt Ion:248 Resp: 10568
Ion Ratio Lower Upper
248 100
250 177.4 78.1 117.1#
141 445.9 54.1 81.1#





#68

Hexachlorobenzene

Concen: 27.258 ng

RT: 17.11 min Scan# 2386

Delta R.T. 0.39 min

Lab File: BG041539.D

Acq: 29 Jun 2019 10:26

Instrument :

BNA_G

ClientSampled :

DAY-5

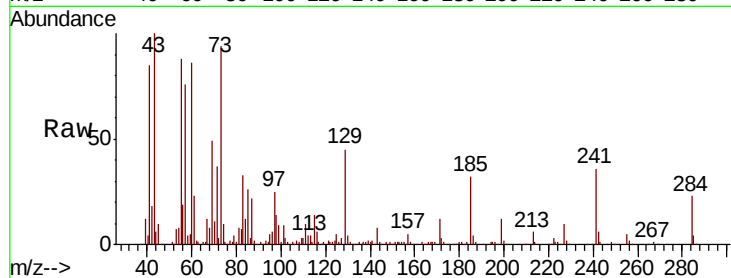
Tgt Ion:284 Resp: 56574

Ion Ratio Lower Upper

284 100

142 2.0 22.9 34.3#

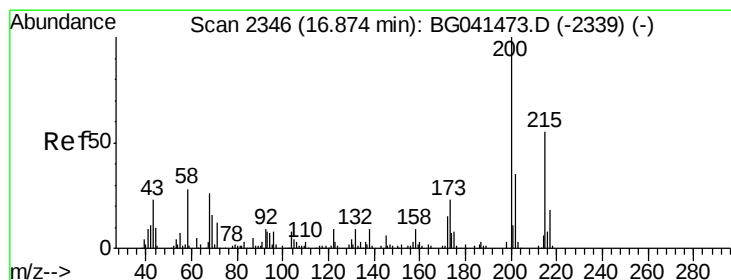
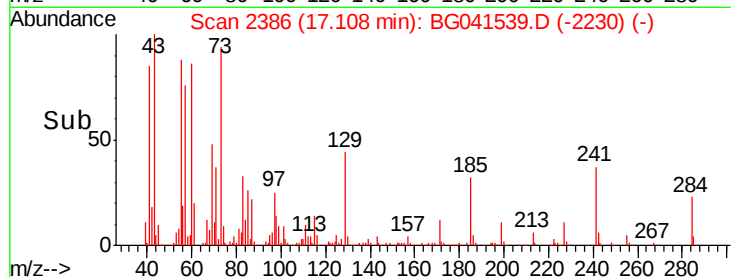
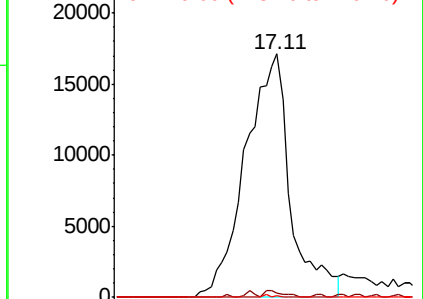
249 0.9 26.1 39.1#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 2.666 ng

RT: 17.11 min Scan# 2386

Delta R.T. 0.23 min

Lab File: BG041539.D

Acq: 29 Jun 2019 10:26

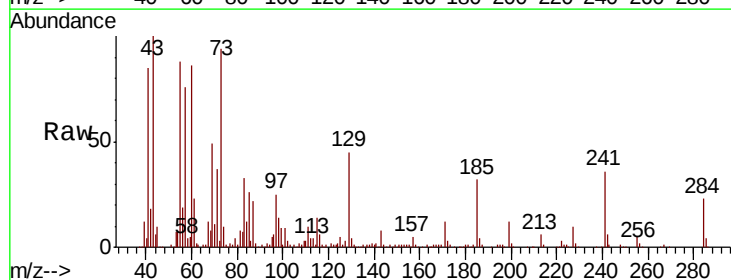
Tgt Ion:200 Resp: 4378

Ion Ratio Lower Upper

200 100

173 25.3 3.1 43.1

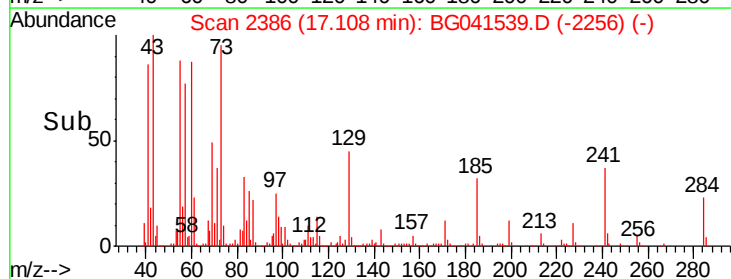
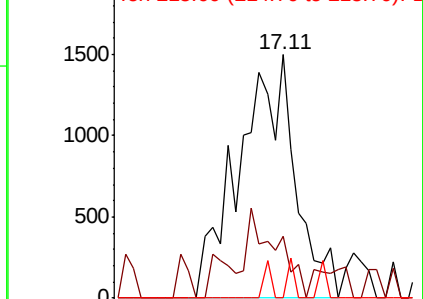
215 0.0 34.7 74.7#

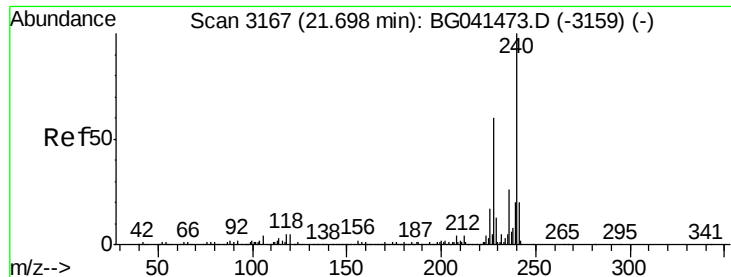


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

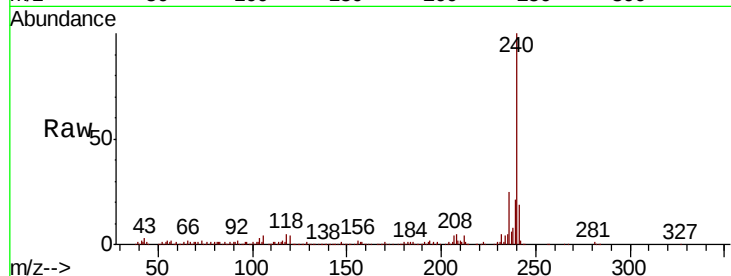




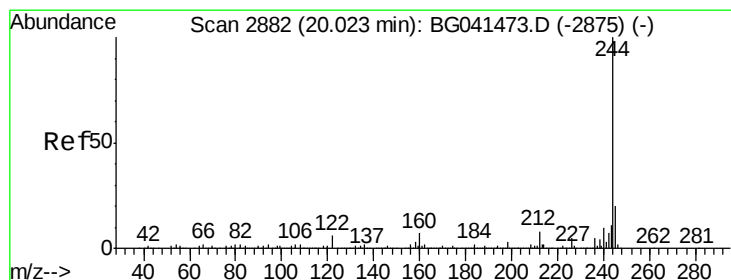
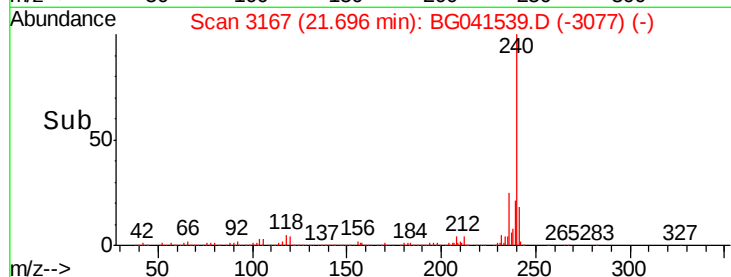
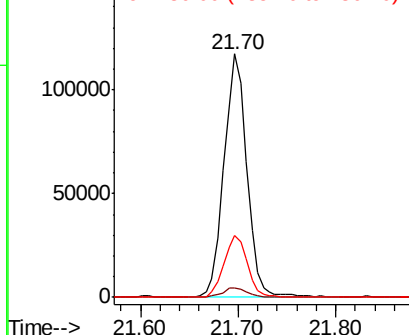
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Instrument :
BNA_G
ClientSampleId :
DAY-5

Tgt Ion:240 Resp: 191495
Ion Ratio Lower Upper
240 100
120 3.7 3.7 5.5
236 25.2 20.8 31.2

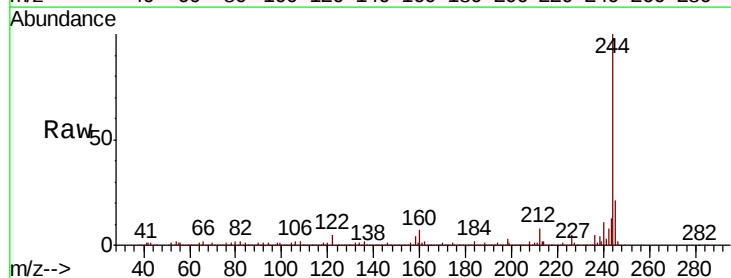


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

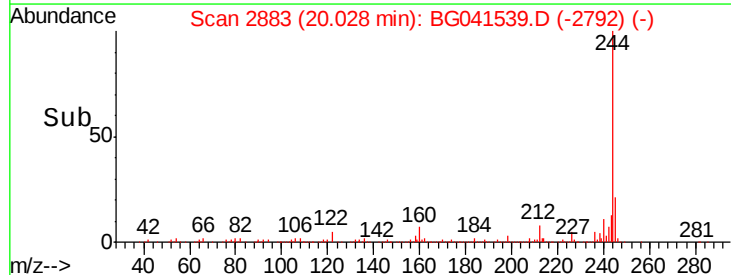
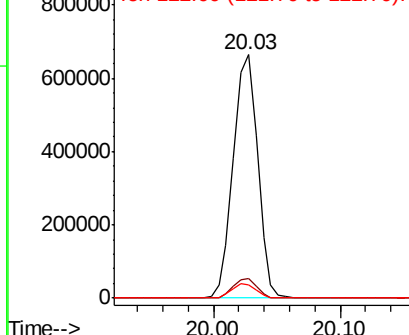


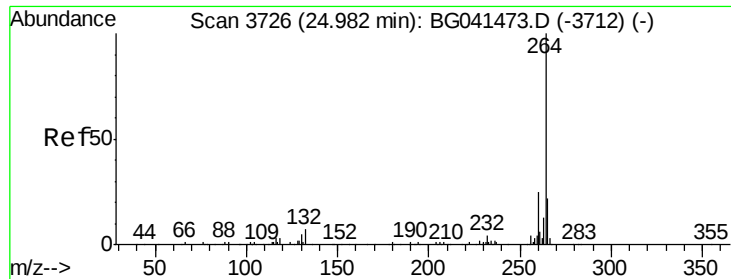
#79
Terphenyl-d14
Concen: 98.592 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Tgt Ion:244 Resp: 888431
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.4
122 5.3 4.8 7.2



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: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041539.D
Acq: 29 Jun 2019 10:26

Instrument :
BNA_G
ClientSampleId :
DAY-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.7	29.5
265	20.7	17.4	26.2

