

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041510.D
 Acq On : 28 Jun 2019 13:06
 Operator : HP/JU
 Sample : K3526-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Quant Time: Jun 29 01:48:04 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

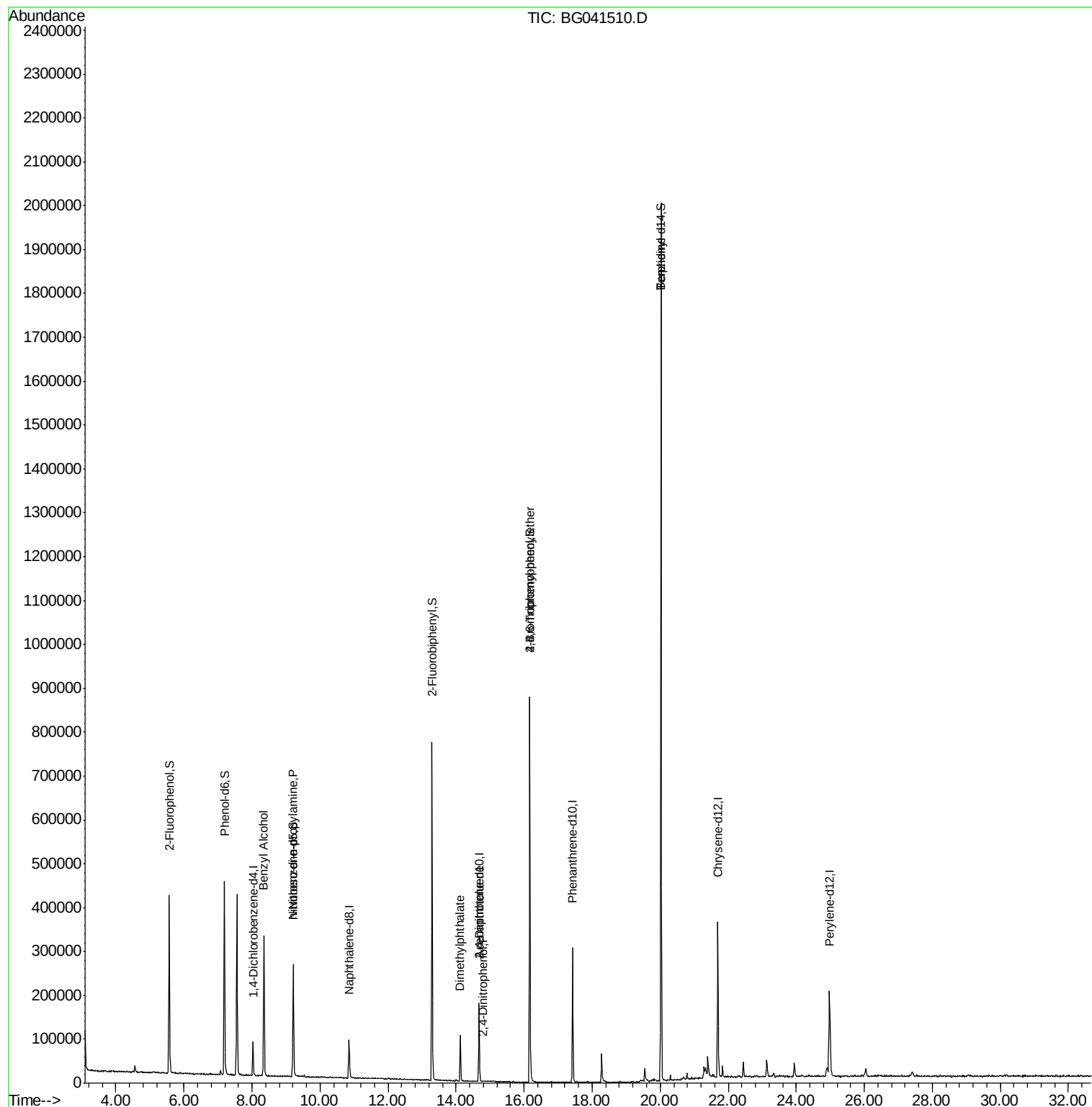
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	22213	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	76774	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	62518	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	197879	20.00	ng	0.00
76) Chrysene-d12	21.70	240	226948	20.00	ng	0.00
87) Perylene-d12	24.98	264	243362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	161345	129.50	ng	0.00
7) Phenol-d6	7.19	99	235356	134.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	161375	87.67	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	166912	156.36	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	389576	79.97	ng	0.00
79) Terphenyl-d14	20.03	244	977333	91.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	2850	2.040	ng	# 48
19) n-Nitroso-di-n-propylamine	9.21	70	23340	17.840	ng	# 75
50) Dimethylphthalate	14.12	163	76632	13.470	ng	97
54) 2,4-Dinitrophenol	14.79	184	54	8.015	ng	# 15
57) 2,4-Dinitrotoluene	14.67	165	8011	4.574	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	11565	4.277	ng	# 1
77) Benzidine	20.03	184	15549	3.088	ng	96

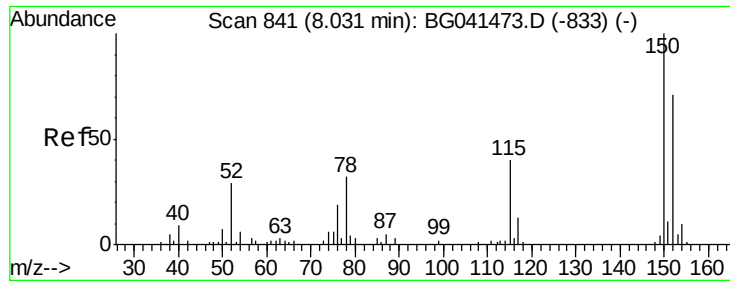
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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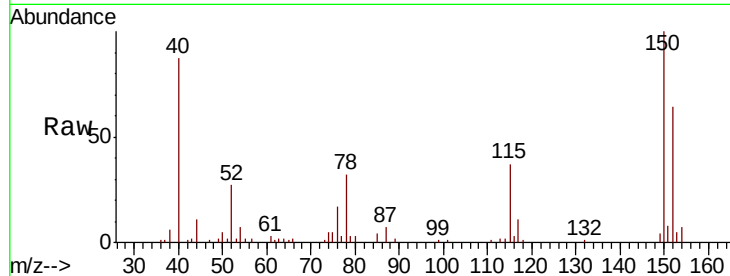


#1

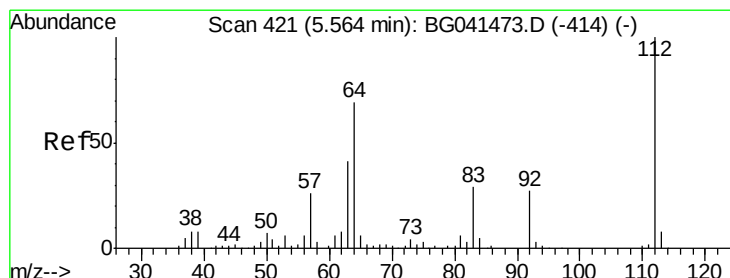
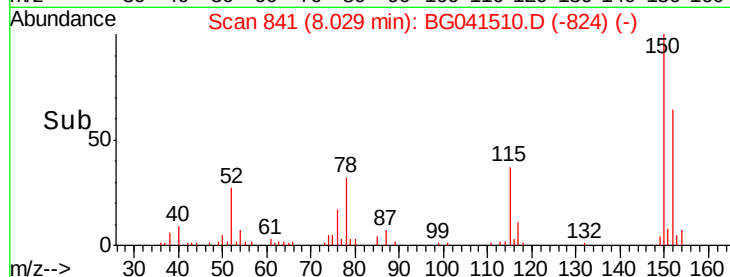
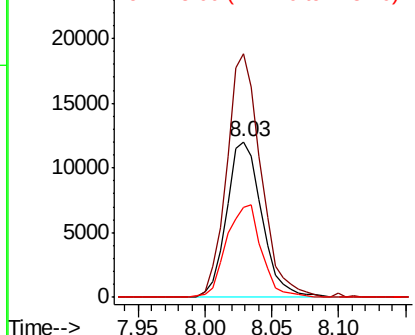
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041510.D
Acq: 28 Jun 2019 13:06

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:152 Resp: 22213
Ion Ratio Lower Upper
152 100
150 156.2 112.4 168.6
115 57.4 44.6 66.8



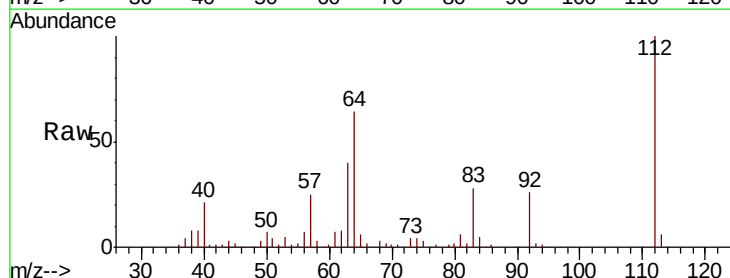
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



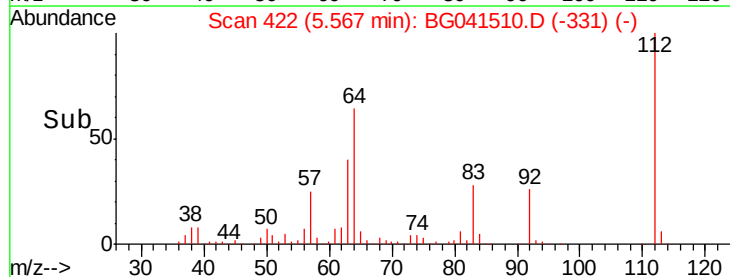
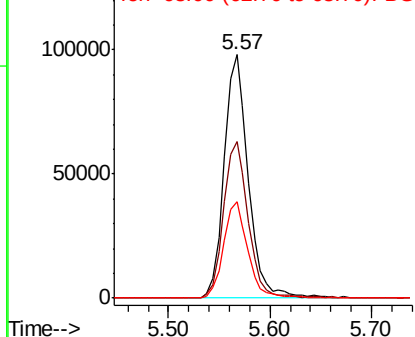
#5

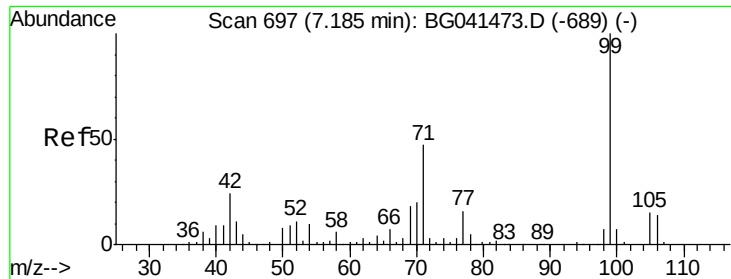
2-Fluorophenol
Concen: 129.498 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041510.D
Acq: 28 Jun 2019 13:06

Tgt Ion:112 Resp: 161345
Ion Ratio Lower Upper
112 100
64 64.3 55.1 82.7
63 39.7 32.4 48.6



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: 134.187 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041510.D

Acq: 28 Jun 2019 13:06

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

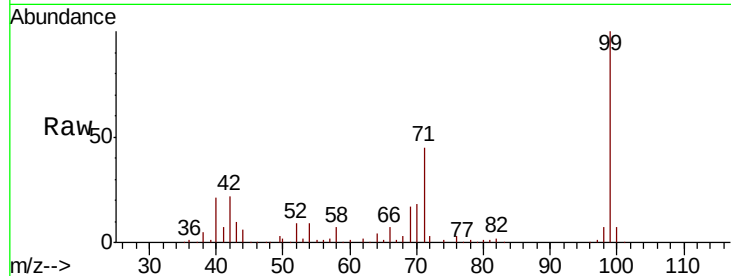
Tgt Ion: 99 Resp: 235356

Ion Ratio Lower Upper

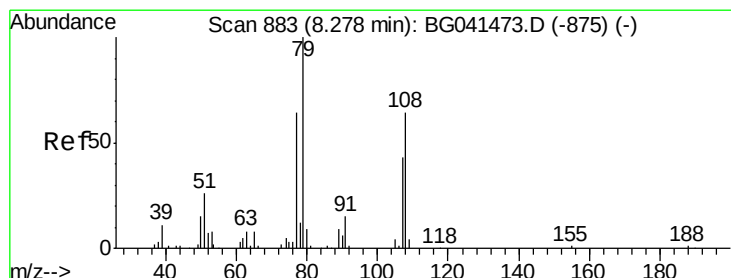
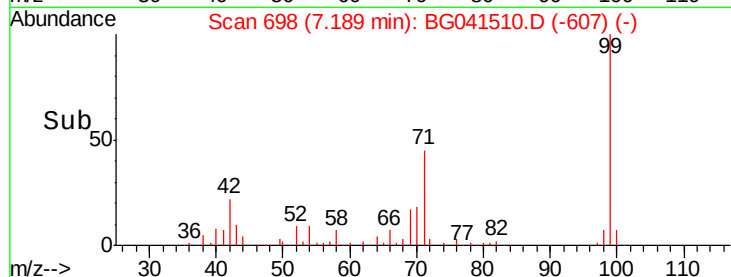
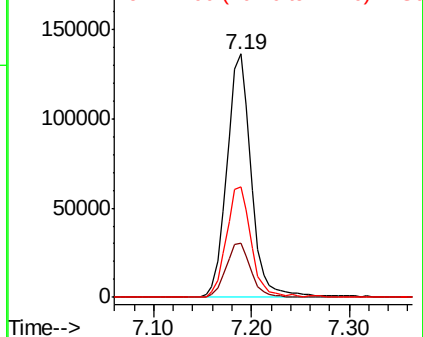
99 100

42 22.2 19.0 28.6

71 45.4 37.4 56.2



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



#15

Benzyl Alcohol

Concen: 2.040 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041510.D

Acq: 28 Jun 2019 13:06

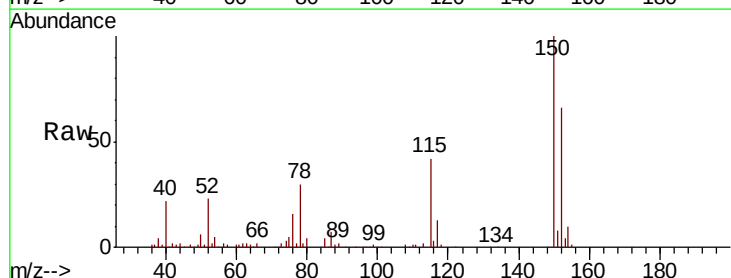
Tgt Ion: 79 Resp: 2850

Ion Ratio Lower Upper

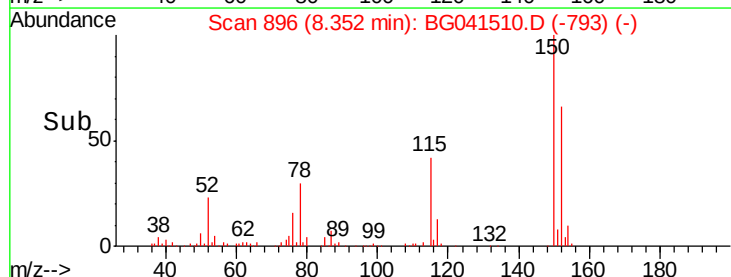
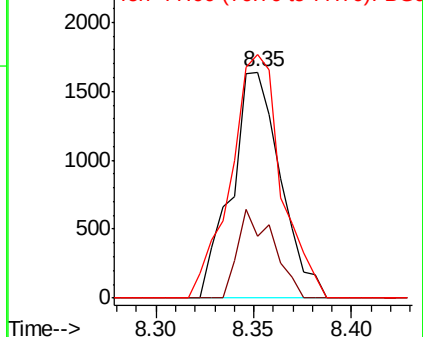
79 100

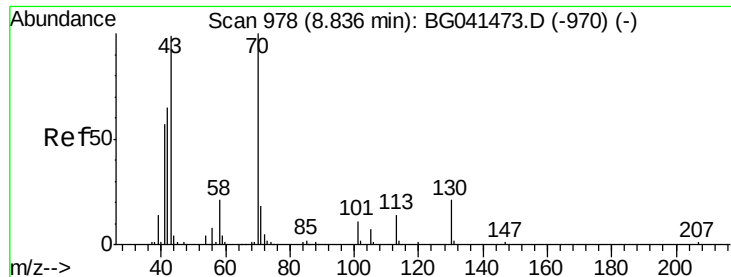
108 27.5 51.4 77.0#

77 107.7 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

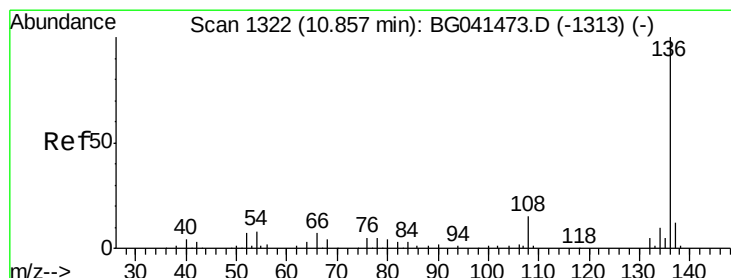
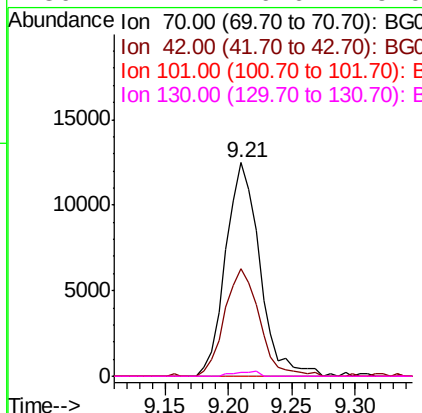
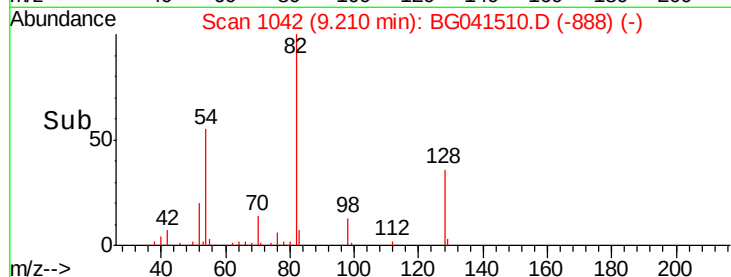
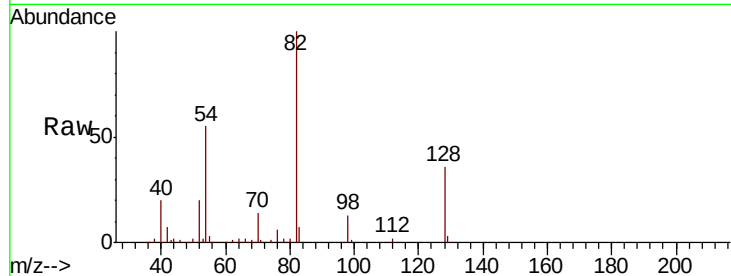




#19
n-Nitroso-di-n-propylamine
Concen: 17.840 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041510.D
Acq: 28 Jun 2019 13:06

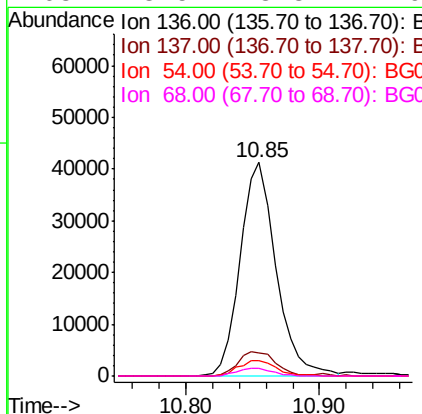
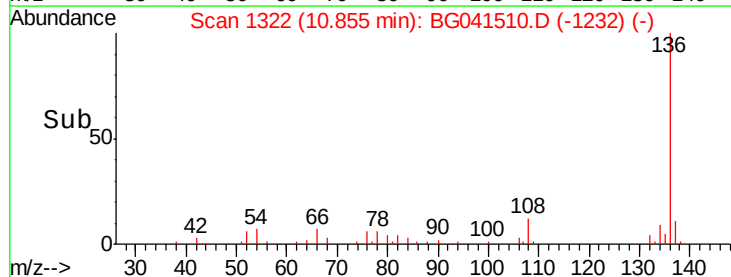
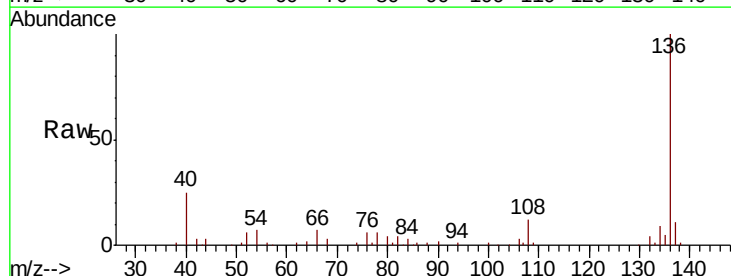
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

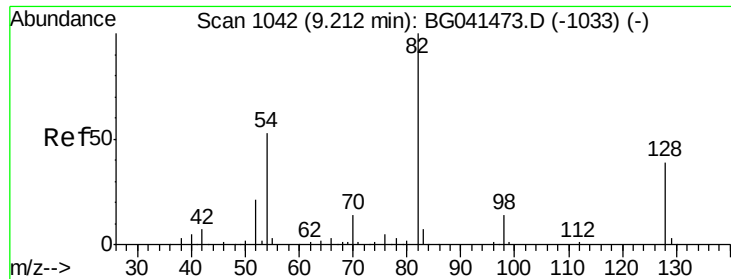
Tgt Ion: 70 Resp: 23340
Ion Ratio Lower Upper
70 100
42 50.5 52.6 78.8#
101 0.0 8.6 13.0#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041510.D
Acq: 28 Jun 2019 13:06

Tgt Ion: 136 Resp: 76774
Ion Ratio Lower Upper
136 100
137 10.8 9.3 13.9
54 7.3 7.1 10.7
68 3.5 3.3 4.9

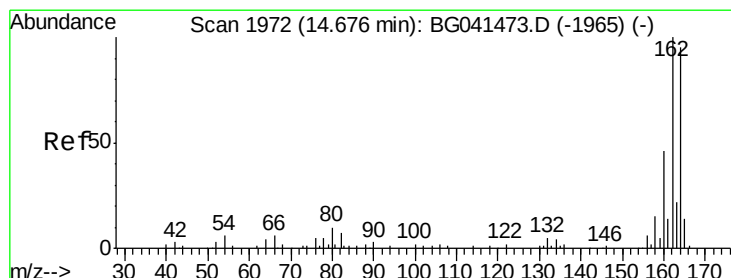
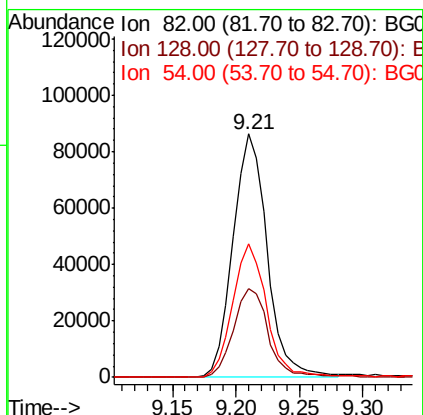
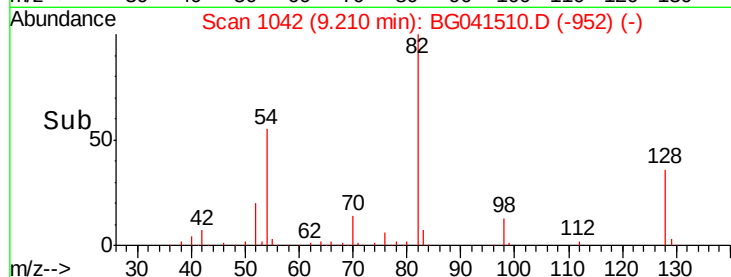
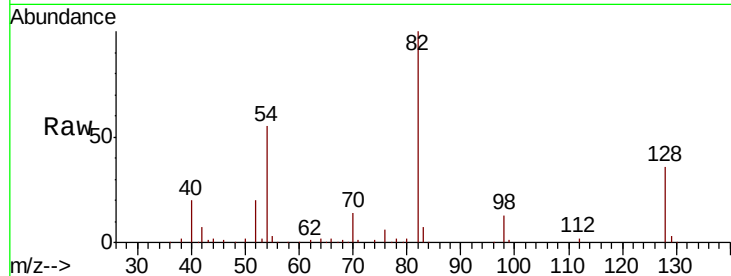




#23
Nitrobenzene-d5
Concen: 87.666 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041510.D
Acq: 28 Jun 2019 13:06

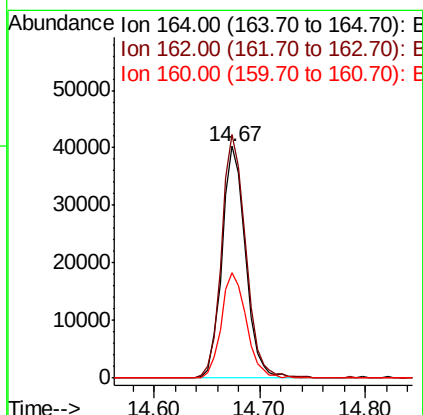
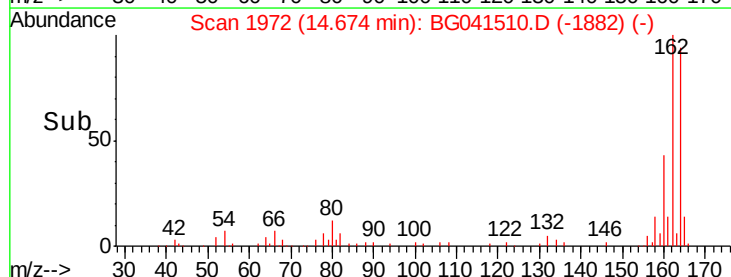
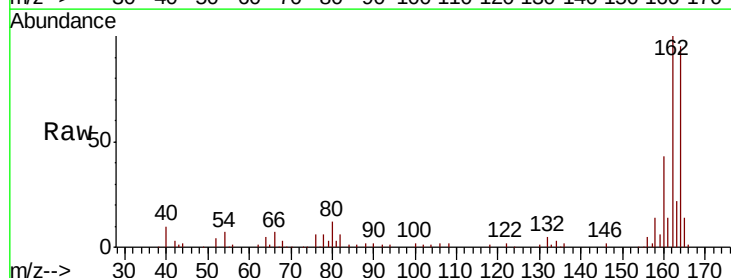
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

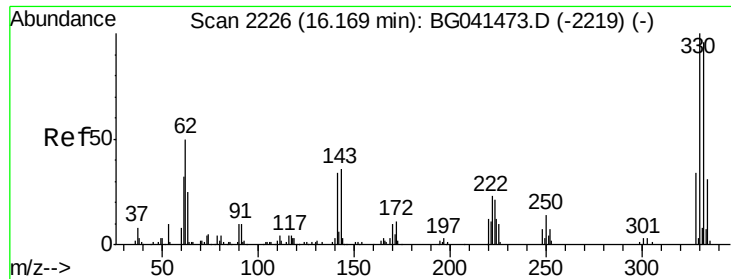
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.9	46.3
54	54.9	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041510.D
Acq: 28 Jun 2019 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.4	126.6
160	45.7	38.8	58.2

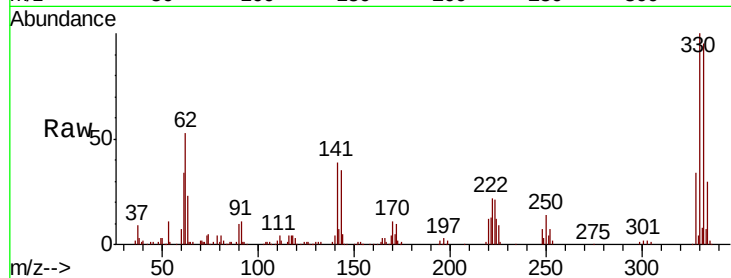




#42
 2,4,6-Tribromophenol
 Concen: 156.365 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041510.D
 Acq: 28 Jun 2019 13:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.5	113.3
141	35.6	27.8	41.6

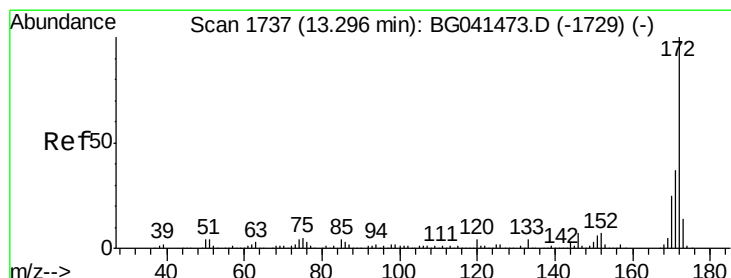
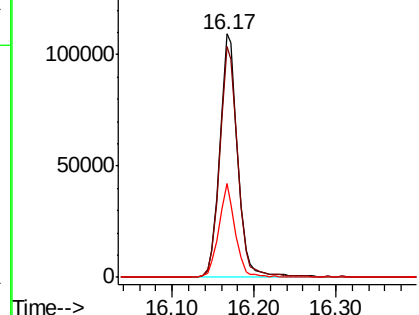
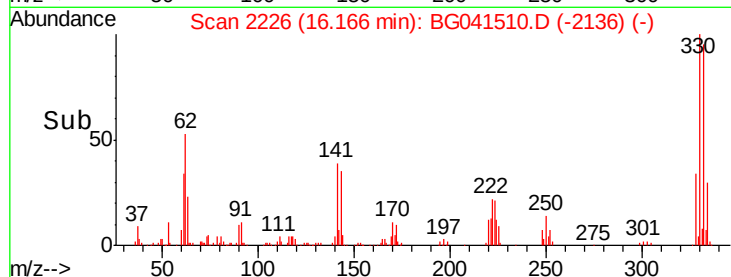


Abundance

Ion 329.80 (329.50 to 330.50): E

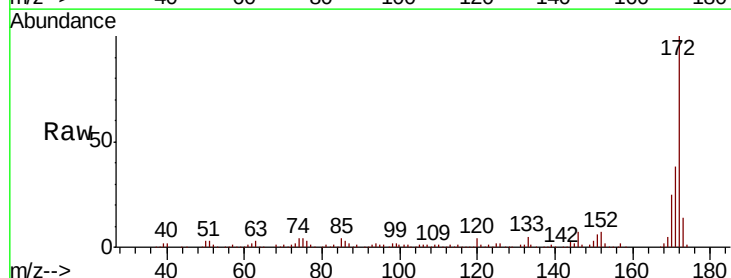
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.965 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041510.D
 Acq: 28 Jun 2019 13:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	25.1	20.0	30.0

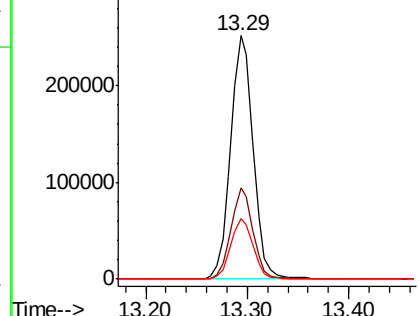
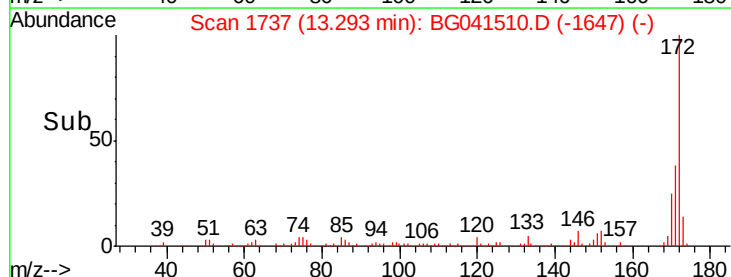


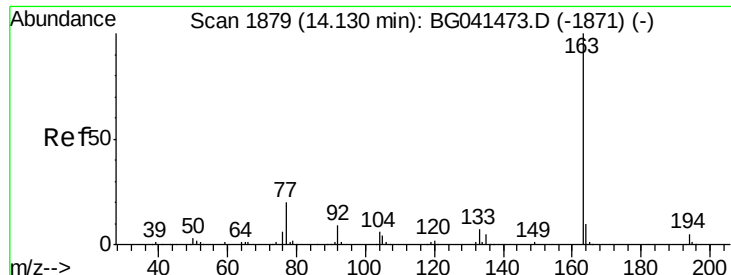
Abundance

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





#50

Dimethylphthalate

Concen: 13.470 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041510.D

Acq: 28 Jun 2019 13:06

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

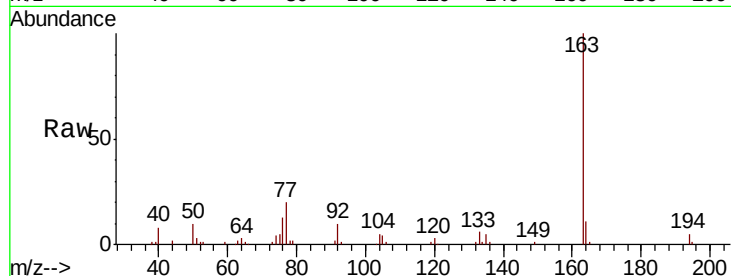
Tgt Ion:163 Resp: 76632

Ion Ratio Lower Upper

163 100

194 5.4 3.7 5.5

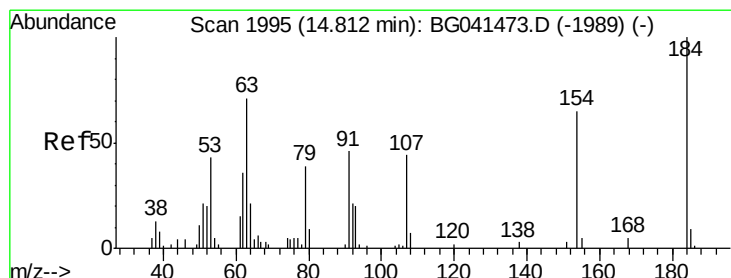
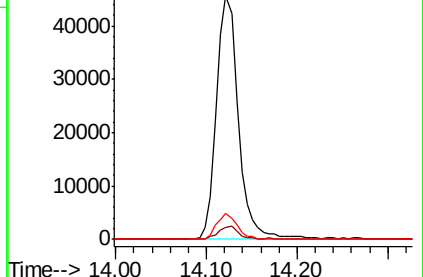
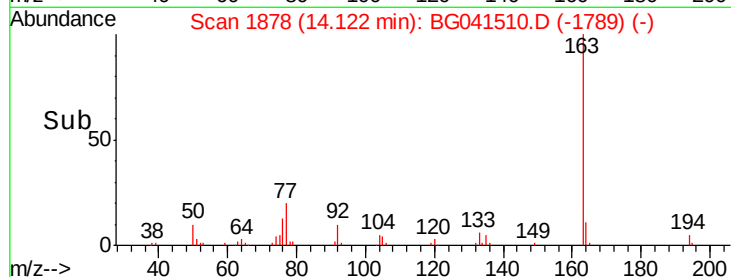
164 10.7 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 8.015 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BG041510.D

Acq: 28 Jun 2019 13:06

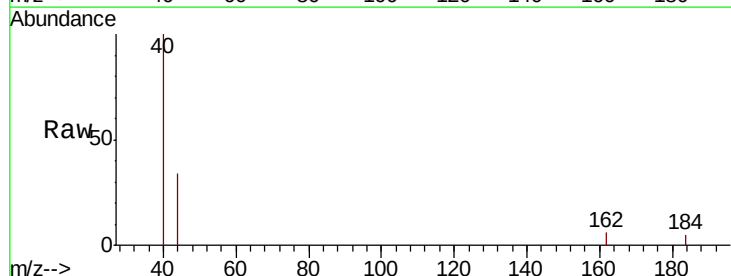
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 56.5 84.7#

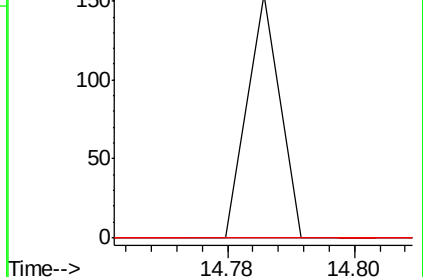
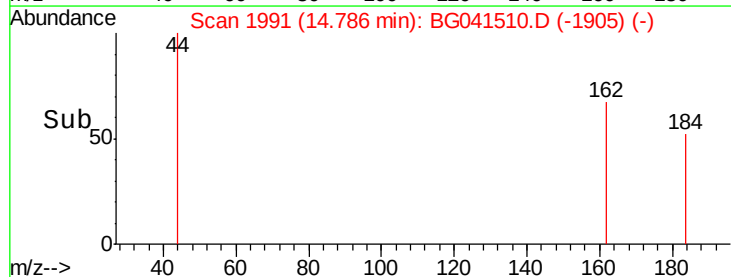
154 0.0 54.2 81.4#

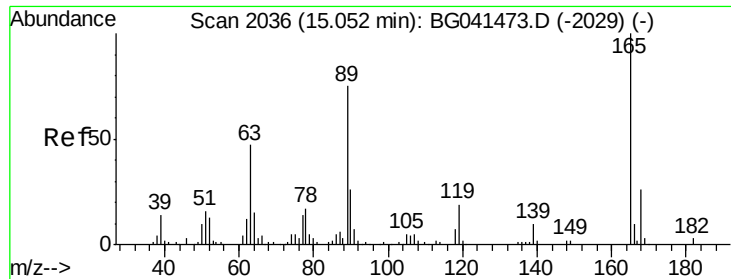


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

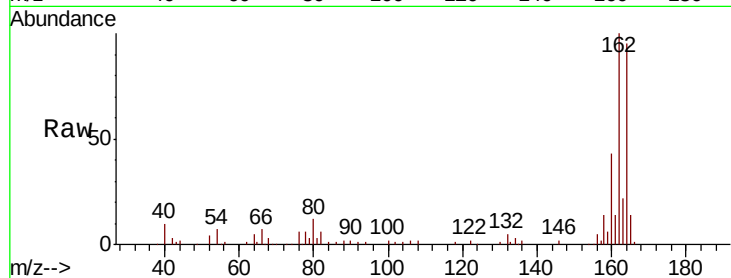




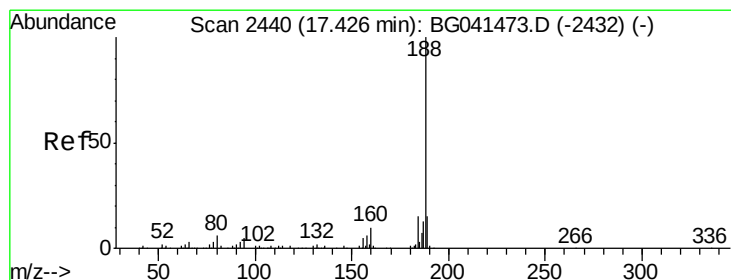
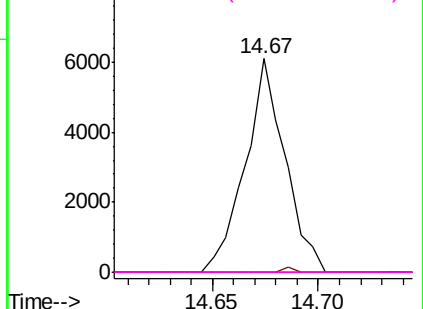
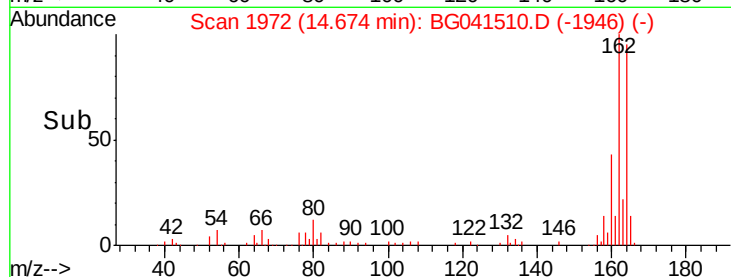
#57
2,4-Dinitrotoluene
Concen: 4.574 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.38 min
Lab File: BG041510.D
Acq: 28 Jun 2019 13:06

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	0.0	60.1	90.1#
182	0.0	2.2	3.2#

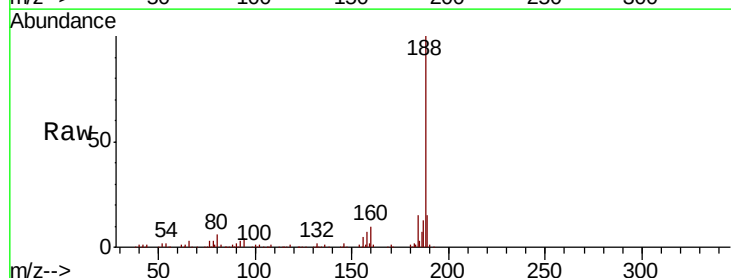


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

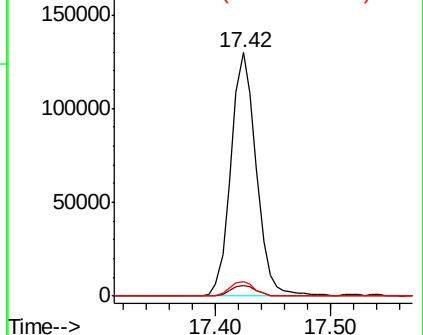
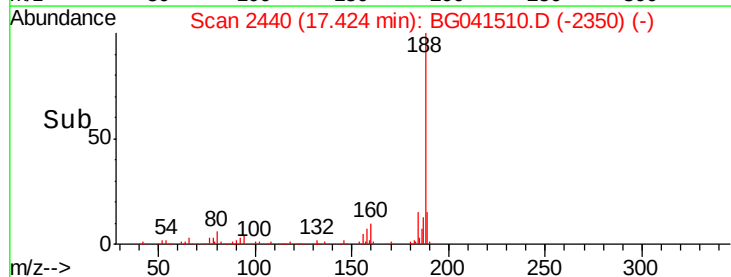


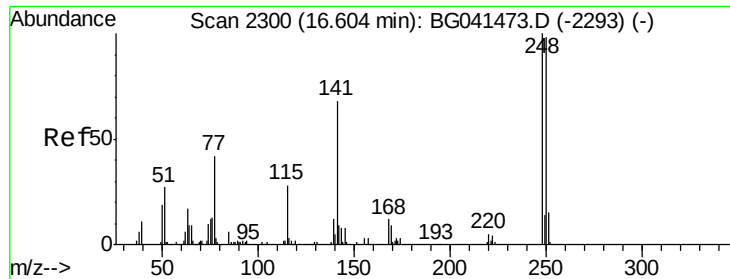
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041510.D
Acq: 28 Jun 2019 13:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.8	5.8
80	5.7	4.8	7.2



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

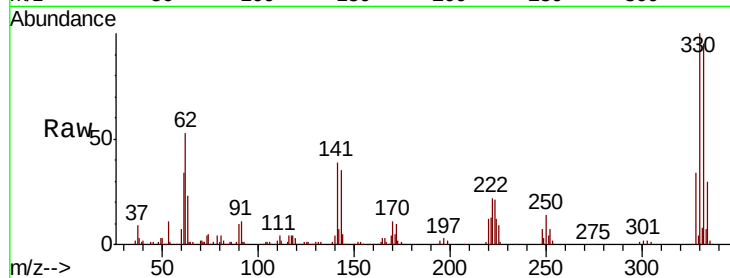




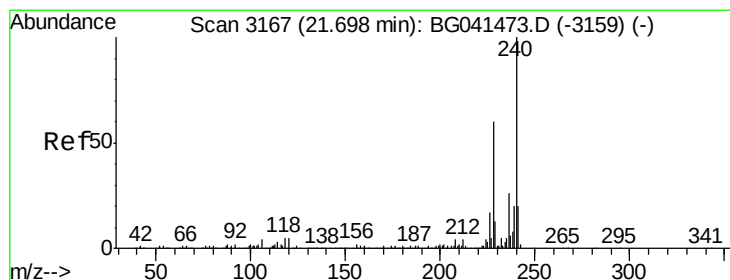
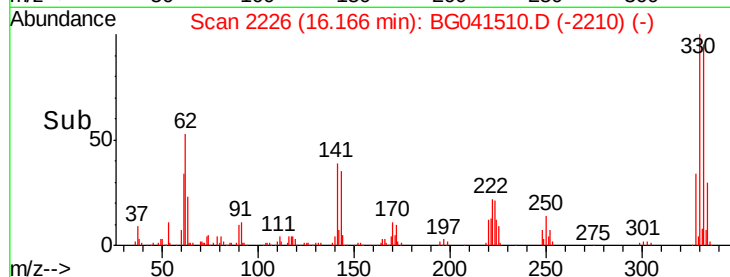
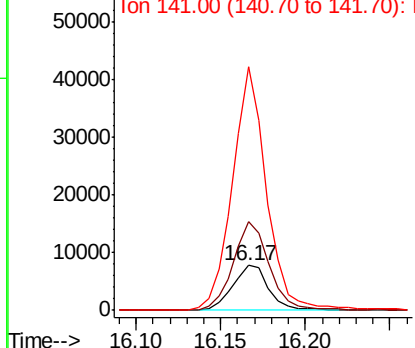
#67
 4-Bromophenyl-phenylether
 Concen: 4.277 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG041510.D
 Acq: 28 Jun 2019 13:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Tgt Ion:248 Resp: 11565
 Ion Ratio Lower Upper
 248 100
 250 145.9 78.1 117.1#
 141 397.7 54.1 81.1#

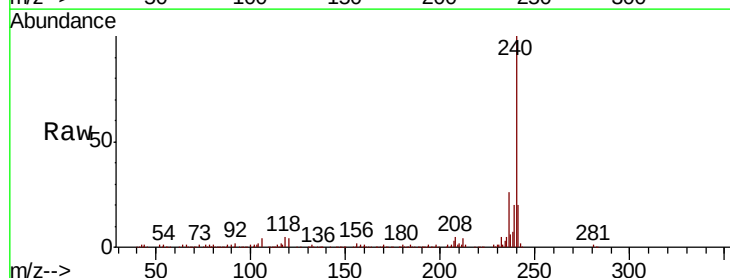


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

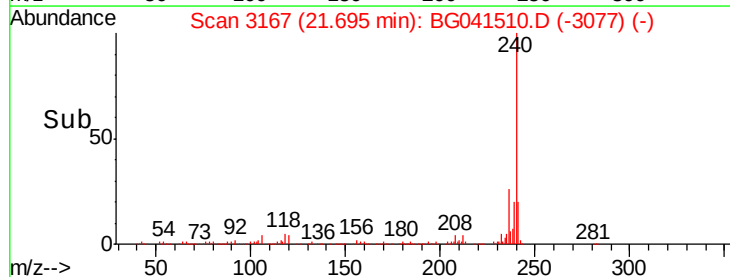
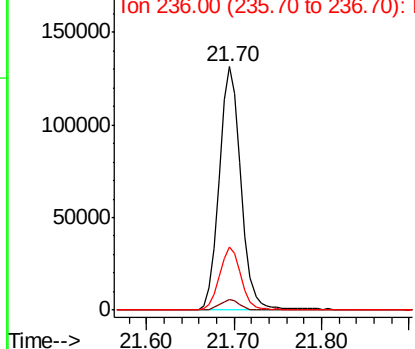


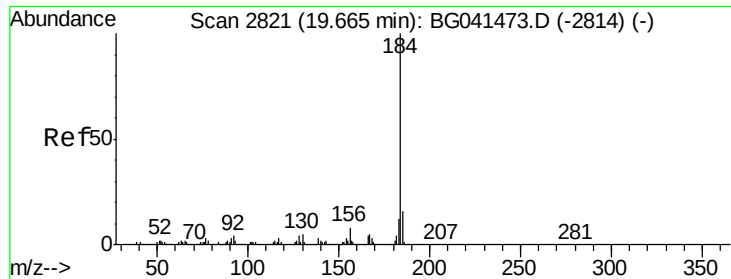
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041510.D
 Acq: 28 Jun 2019 13:06

Tgt Ion:240 Resp: 226948
 Ion Ratio Lower Upper
 240 100
 120 4.4 3.7 5.5
 236 25.7 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





#77

Benzidine

Concen: 3.088 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.36 min

Lab File: BG041510.D

Acq: 28 Jun 2019 13:06

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

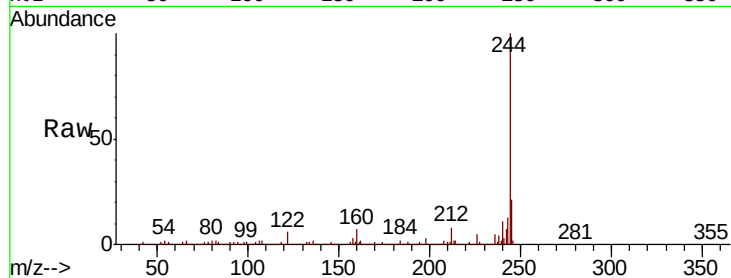
Tgt Ion:184 Resp: 15549

Ion Ratio Lower Upper

184 100

185 17.5 12.7 19.1

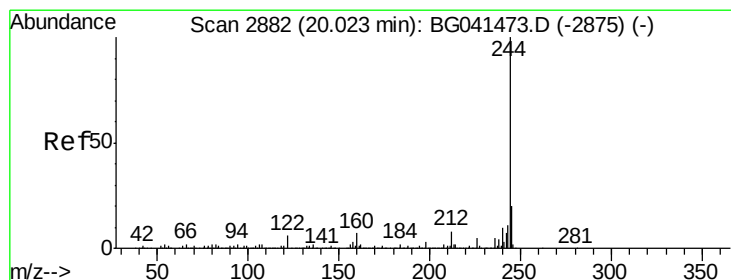
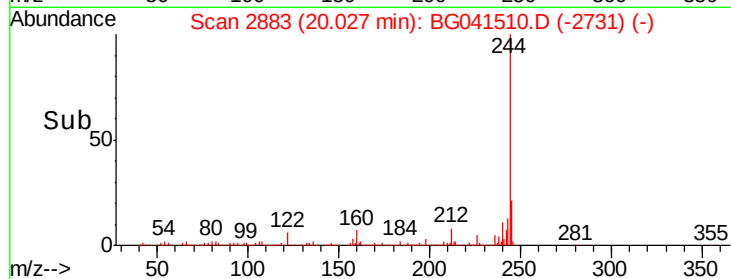
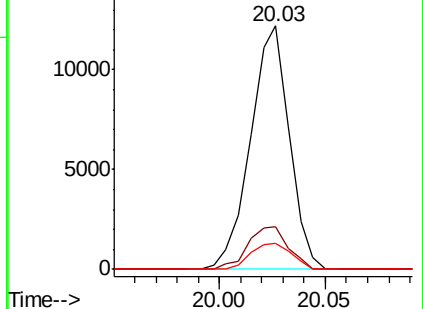
183 10.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 91.515 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041510.D

Acq: 28 Jun 2019 13:06

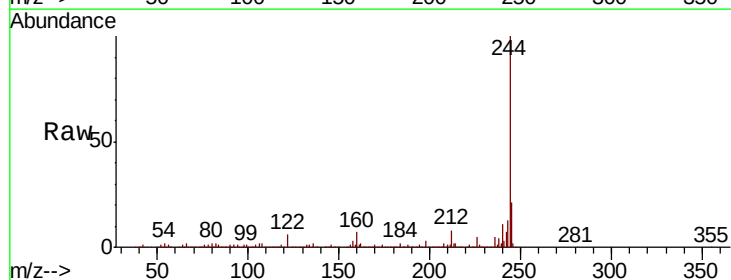
Tgt Ion:244 Resp: 977333

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

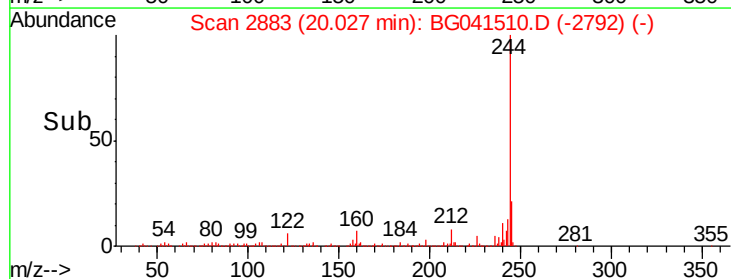
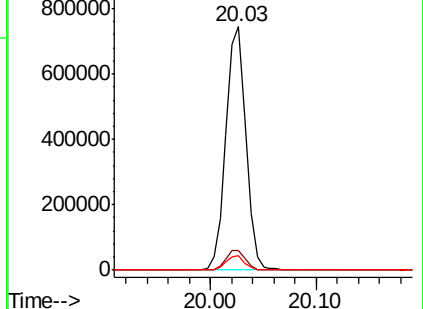
122 5.8 4.8 7.2

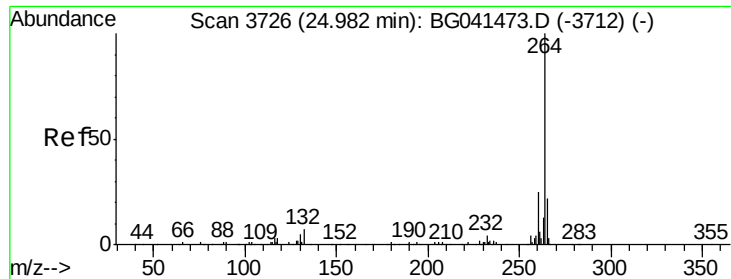


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041510.D
Acq: 28 Jun 2019 13:06

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.7	29.5
265	22.6	17.4	26.2

