

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041533.D
 Acq On : 29 Jun 2019 5:18
 Operator : HP/JU
 Sample : K3555-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-12

Quant Time: Jun 29 05:54:23 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

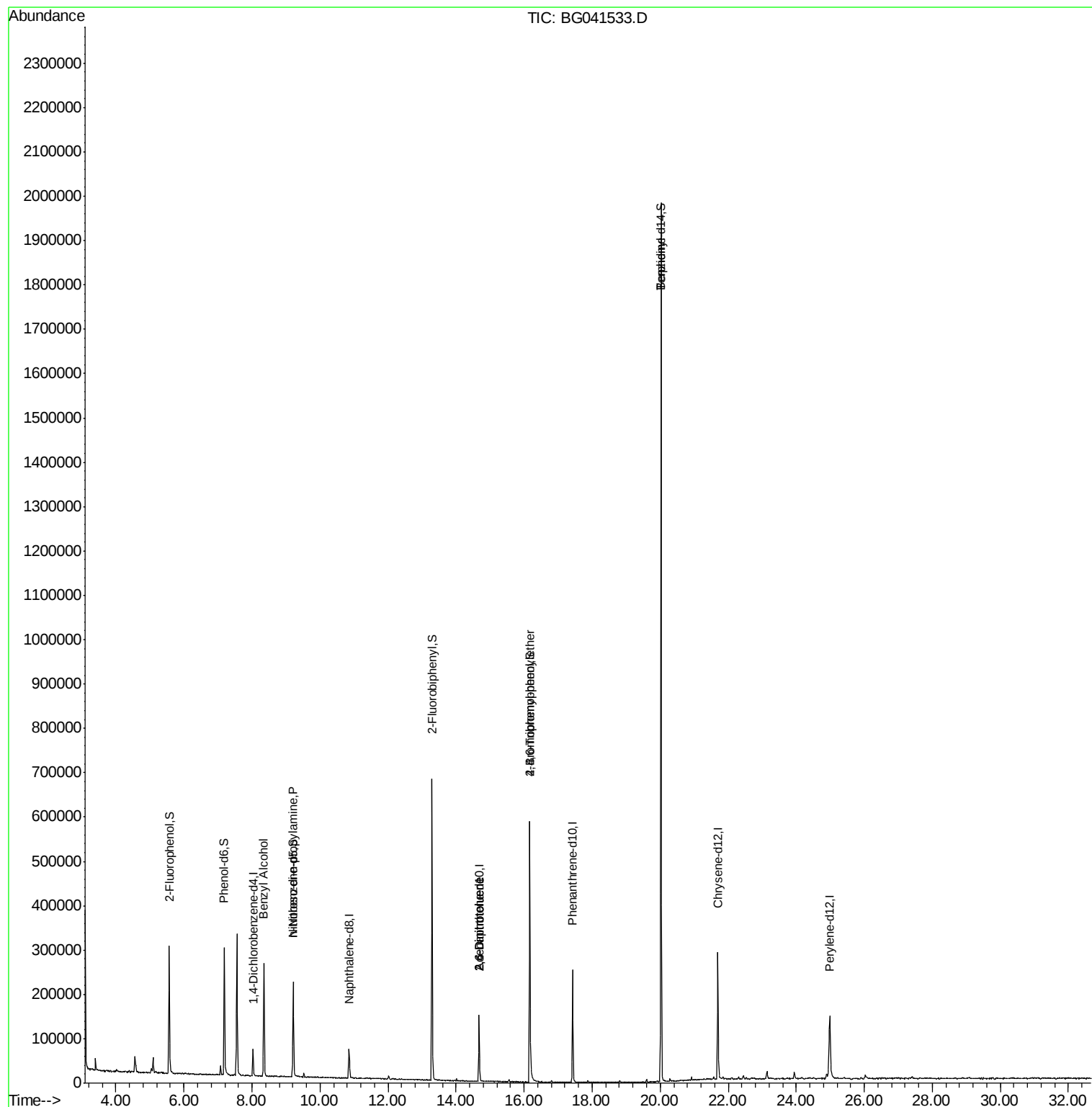
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17390	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	63375	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	53320	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	167370	20.00	ng	0.00
76) Chrysene-d12	21.70	240	190332	20.00	ng	0.00
87) Perylene-d12	24.98	264	194906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	114923	117.82	ng	0.00
7) Phenol-d6	7.19	99	156889	114.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	133481	87.84	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	128635	141.29	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	345238	83.09	ng	0.00
79) Terphenyl-d14	20.03	244	959782	107.16	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	2562	2.343	ng	# 62
19) n-Nitroso-di-n-propylamine	9.21	70	19243	18.788	ng	# 71
51) 2,6-Dinitrotoluene	14.67	165	6623	6.432	ng	# 15
57) 2,4-Dinitrotoluene	14.67	165	6623	4.434	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	8710	3.808	ng	# 1
77) Benzidine	20.03	184	16245	3.847	ng	96

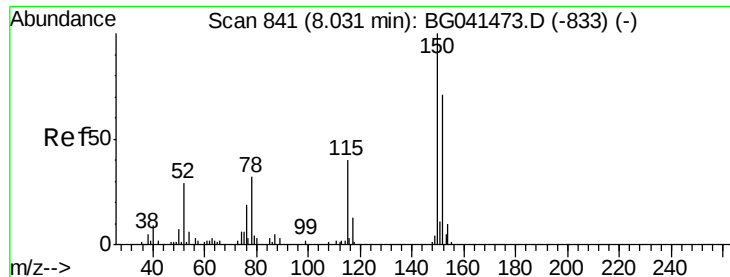
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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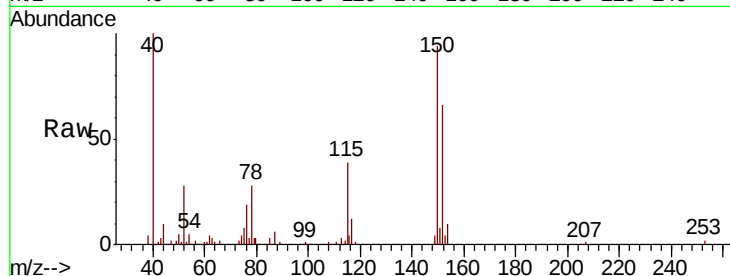


#1

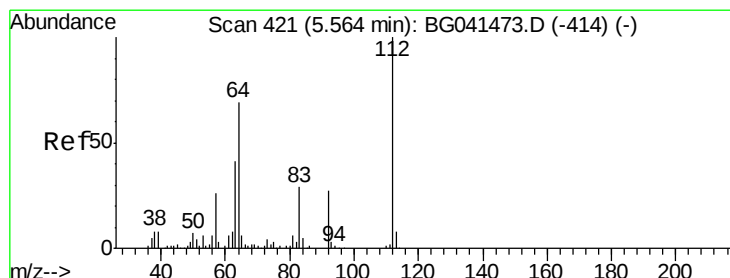
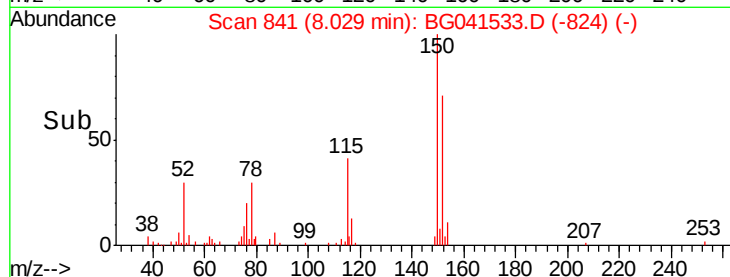
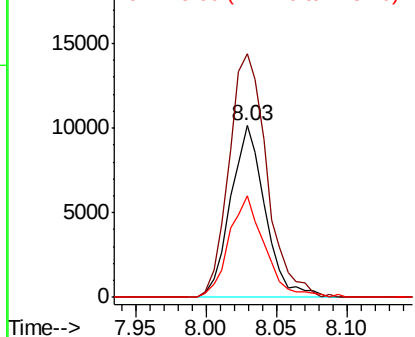
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041533.D
Acq: 29 Jun 2019 5:18

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:152 Resp: 17390
Ion Ratio Lower Upper
152 100
150 141.8 112.4 168.6
115 58.8 44.6 66.8



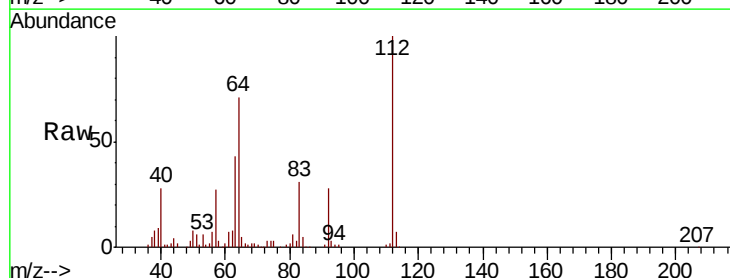
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



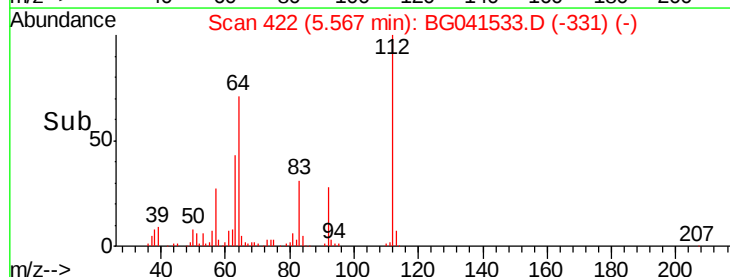
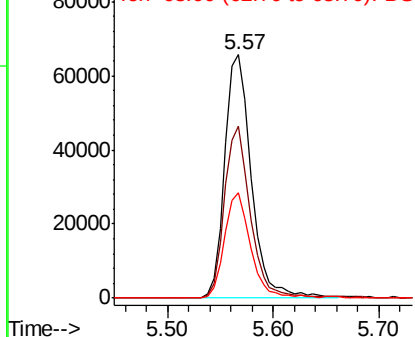
#5

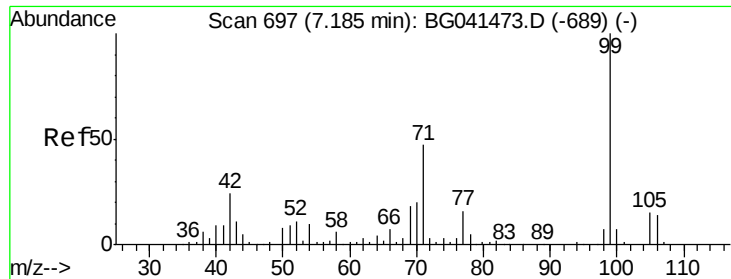
2-Fluorophenol
Concen: 117.821 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041533.D
Acq: 29 Jun 2019 5:18

Tgt Ion:112 Resp: 114923
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 43.4 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: 114.258 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041533.D

Acq: 29 Jun 2019 5:18

Instrument :

BNA_G

ClientSampled :

SAMPLE-12

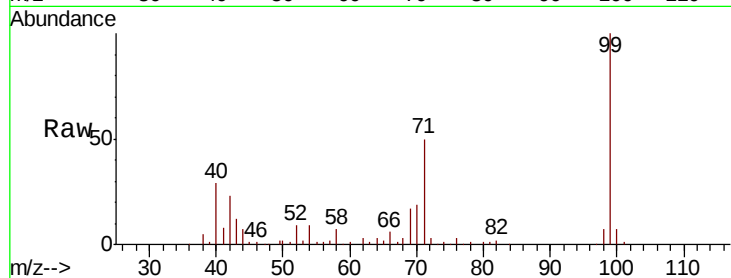
Tgt Ion: 99 Resp: 156889

Ion Ratio Lower Upper

99 100

42 23.3 19.0 28.6

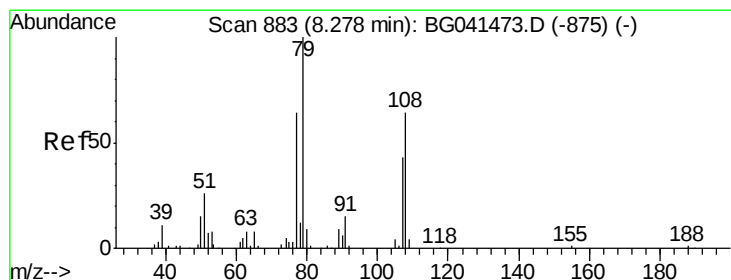
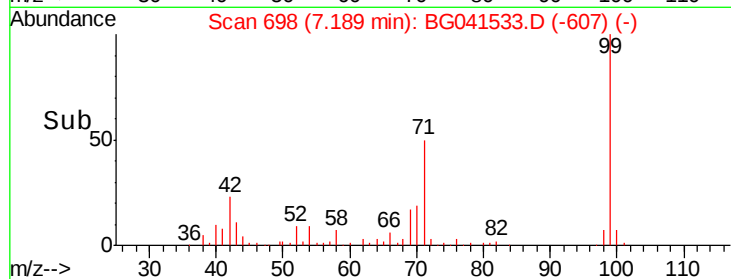
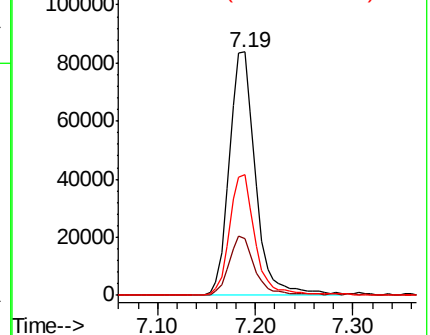
71 49.6 37.4 56.2



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: 2.343 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041533.D

Acq: 29 Jun 2019 5:18

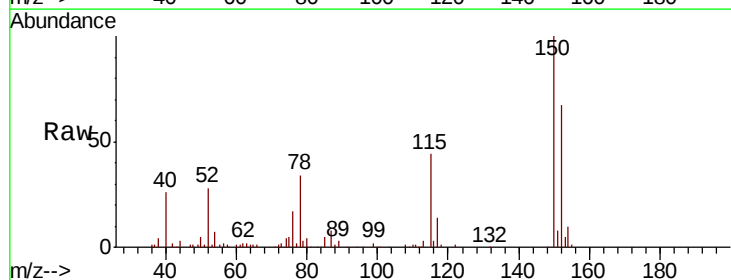
Tgt Ion: 79 Resp: 2562

Ion Ratio Lower Upper

79 100

108 23.5 51.4 77.0#

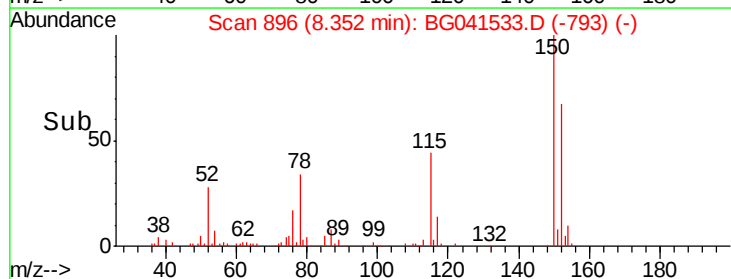
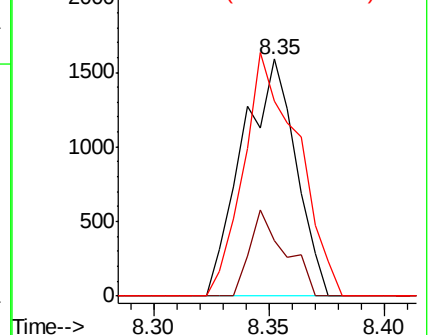
77 82.2 50.8 76.2#

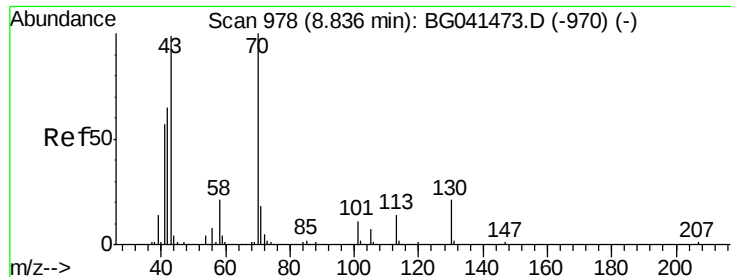


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

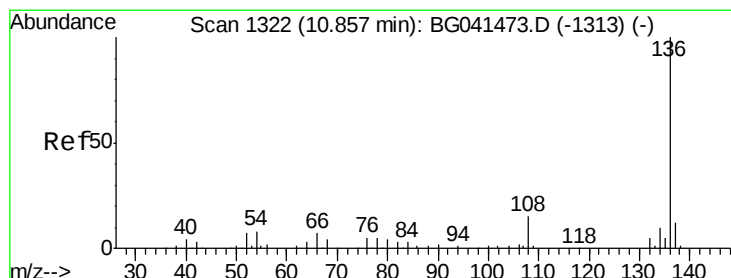
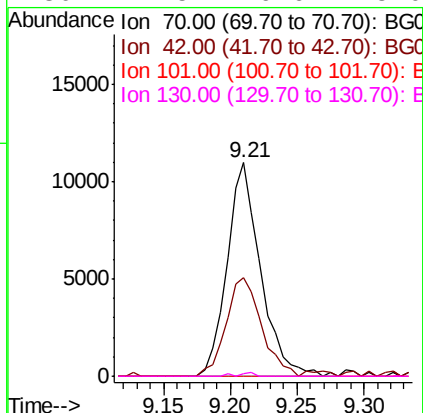
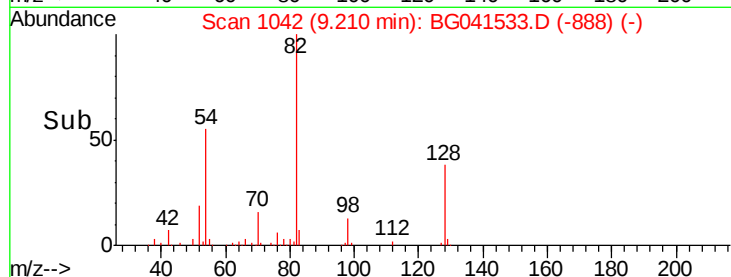
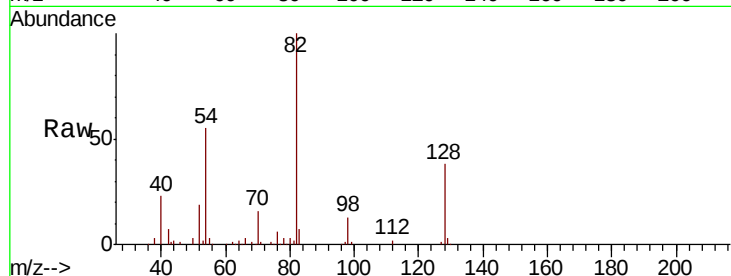




#19
n-Nitroso-di-n-propylamine
Concen: 18.788 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041533.D
Acq: 29 Jun 2019 5:18

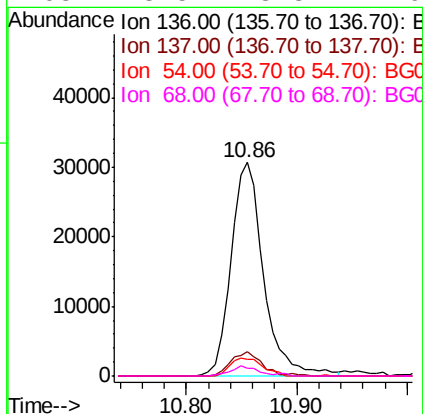
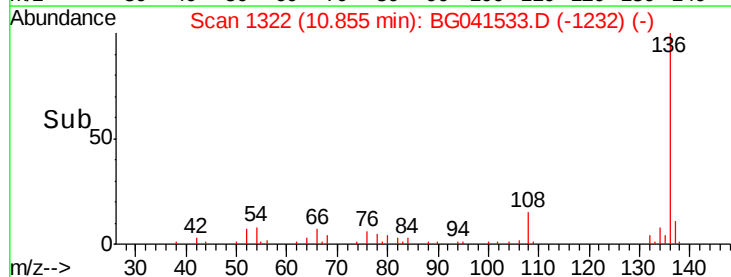
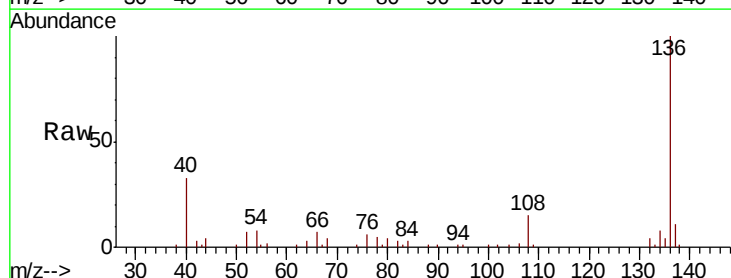
Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

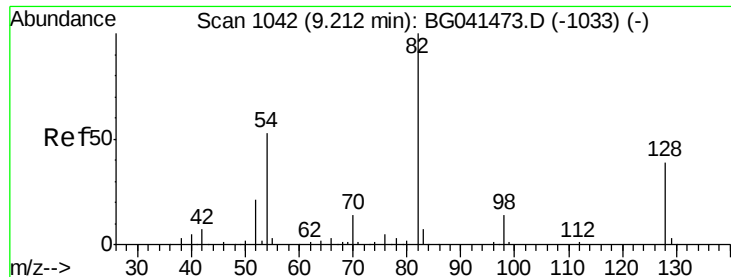
Tgt Ion: 70 Resp: 19243
Ion Ratio Lower Upper
70 100
42 46.3 52.6 78.8#
101 0.0 8.6 13.0#
130 1.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041533.D
Acq: 29 Jun 2019 5:18

Tgt Ion: 136 Resp: 63375
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 7.8 7.1 10.7
68 3.5 3.3 4.9

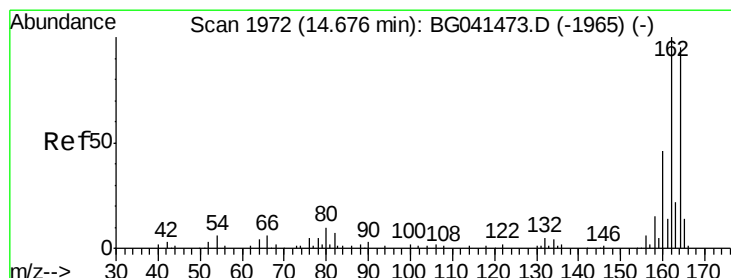
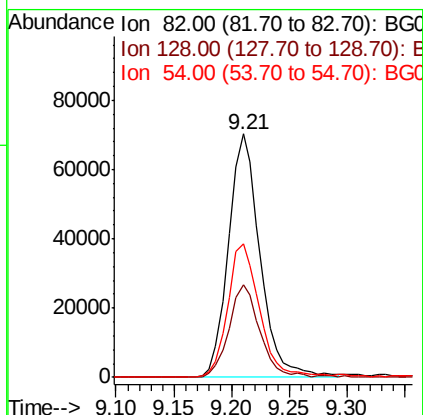
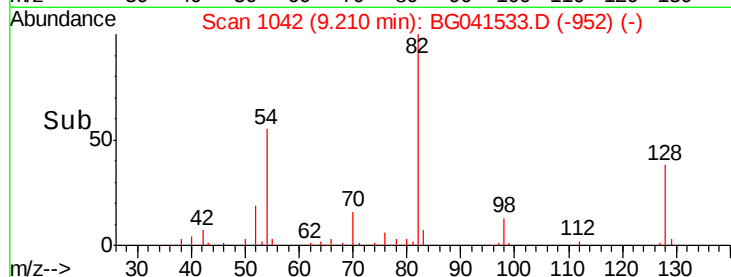
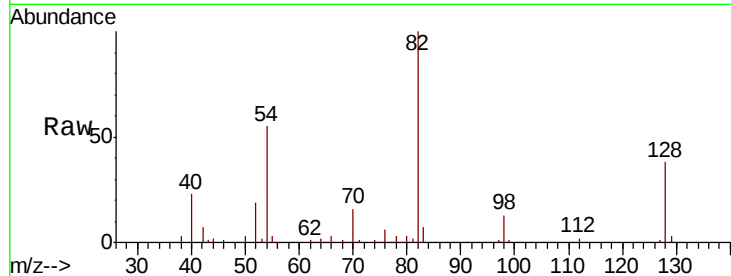




#23
 Nitrobenzene-d5
 Concen: 87.844 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041533.D
 Acq: 29 Jun 2019 5:18

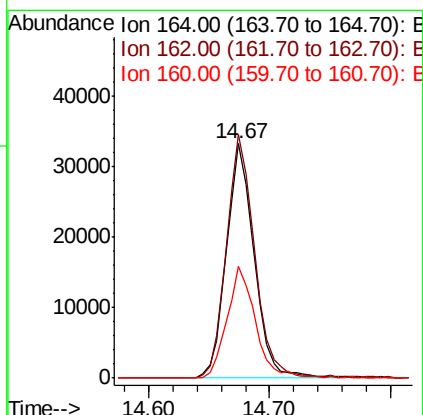
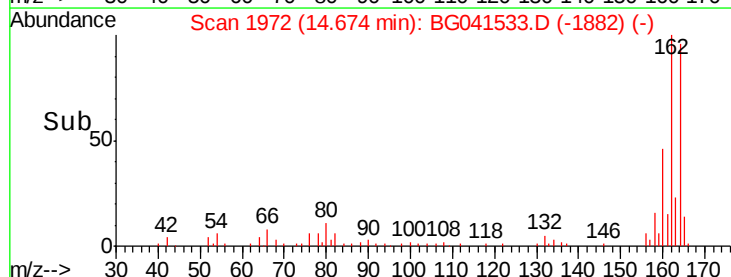
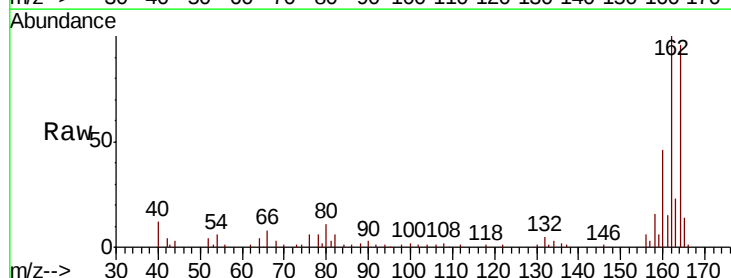
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-12

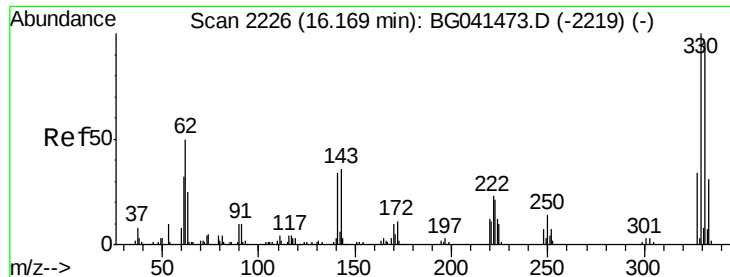
Tgt Ion: 82 Resp: 133481
 Ion Ratio Lower Upper
 82 100
 128 38.1 30.9 46.3
 54 55.0 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041533.D
 Acq: 29 Jun 2019 5:18

Tgt Ion: 164 Resp: 53320
 Ion Ratio Lower Upper
 164 100
 162 103.8 84.4 126.6
 160 47.6 38.8 58.2

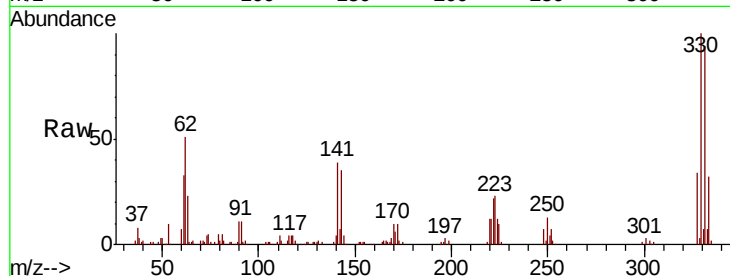




#42
 2,4,6-Tribromophenol
 Concen: 141.294 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041533.D
 Acq: 29 Jun 2019 5:18

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.5	113.3
141	36.6	27.8	41.6

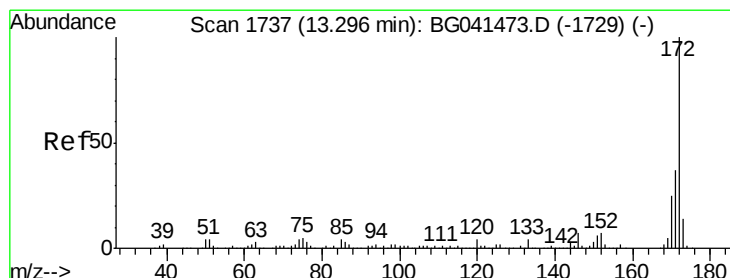
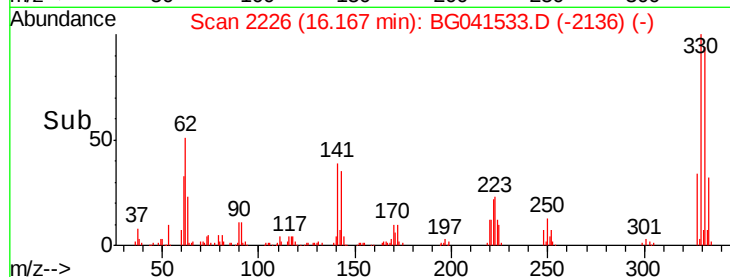
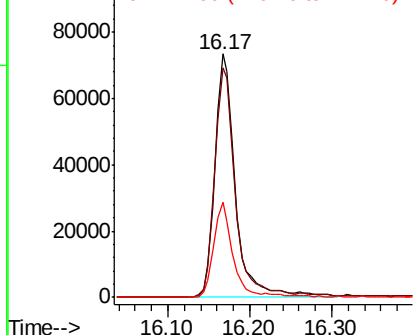


Abundance

Ion 329.80 (329.50 to 330.50): E

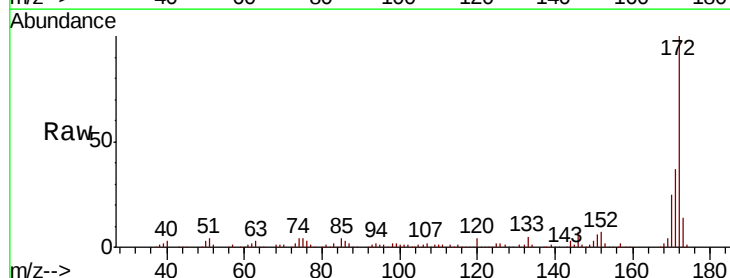
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.089 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041533.D
 Acq: 29 Jun 2019 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.3	20.0	30.0

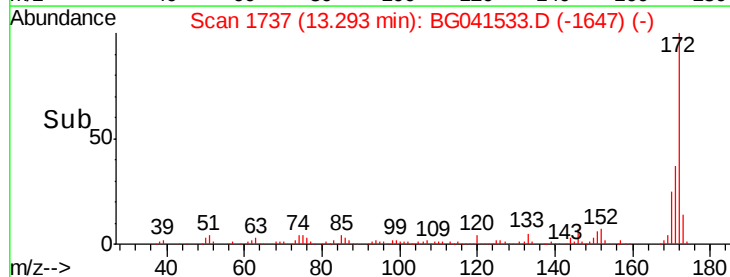
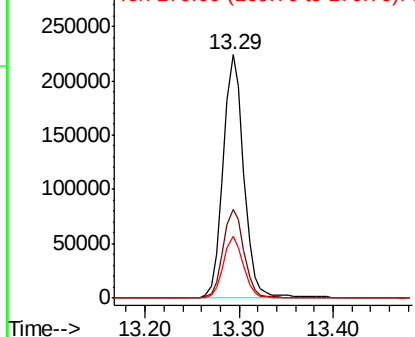


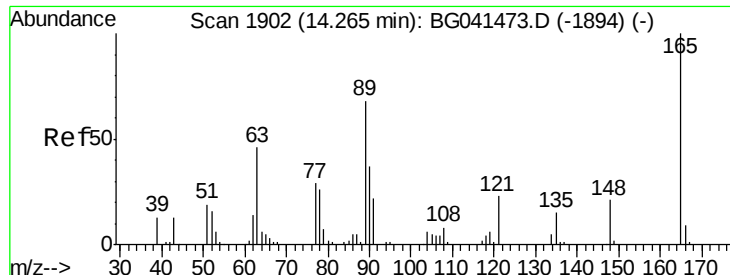
Abundance

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

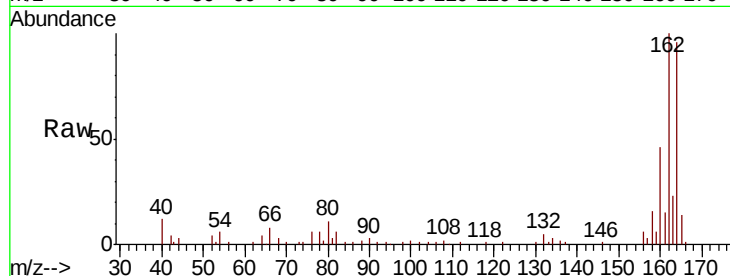




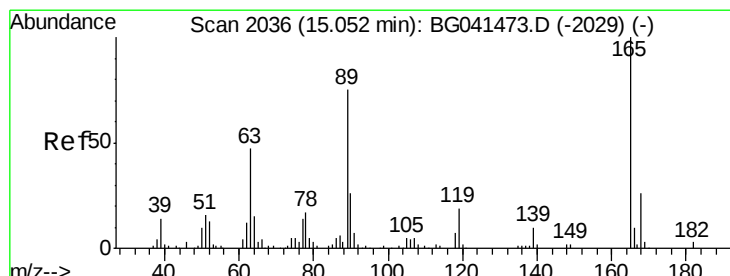
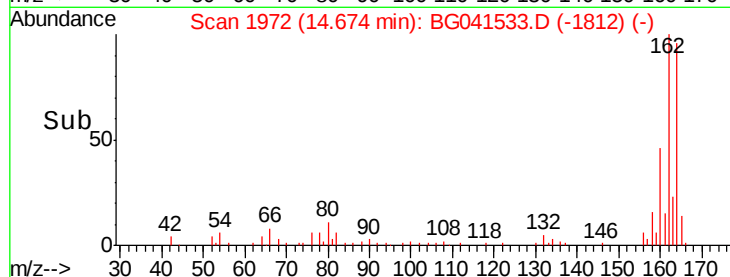
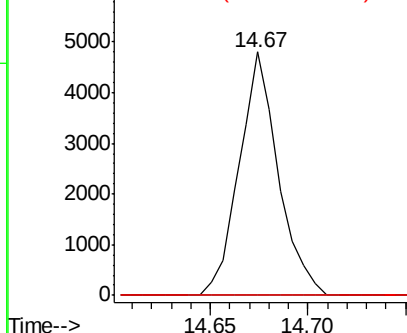
#51
 2,6-Dinitrotoluene
 Concen: 6.432 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.41 min
 Lab File: BG041533.D
 Acq: 29 Jun 2019 5:18

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-12

Tgt Ion:165 Resp: 6623
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.4 84.6#
 89 0.0 54.6 81.8#

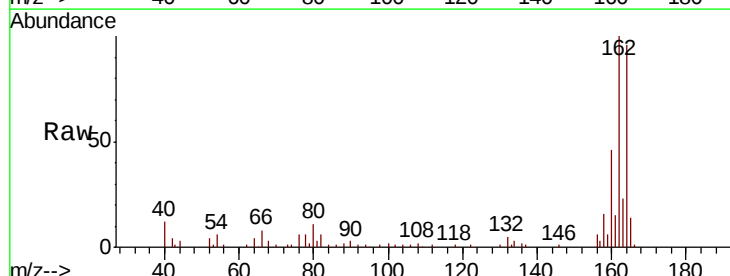


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

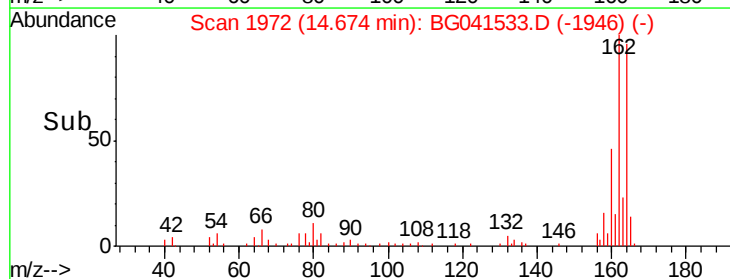
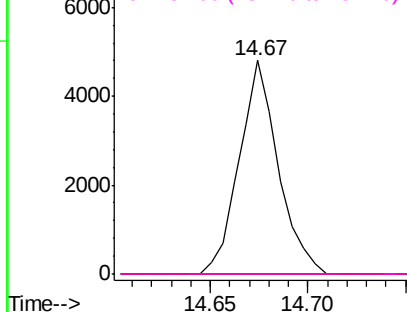


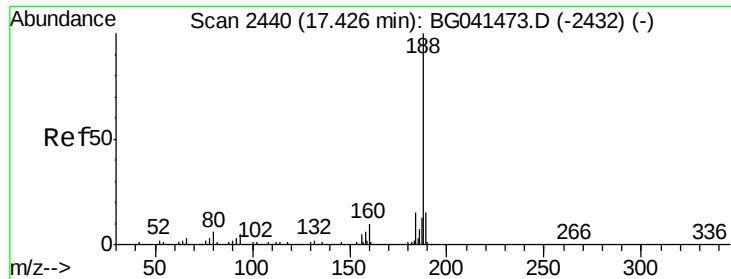
#57
 2,4-Dinitrotoluene
 Concen: 4.434 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041533.D
 Acq: 29 Jun 2019 5:18

Tgt Ion:165 Resp: 6623
 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: BG041533.D

Acq: 29 Jun 2019 5:18

Instrument :

BNA_G

ClientSampleId :

SAMPLE-12

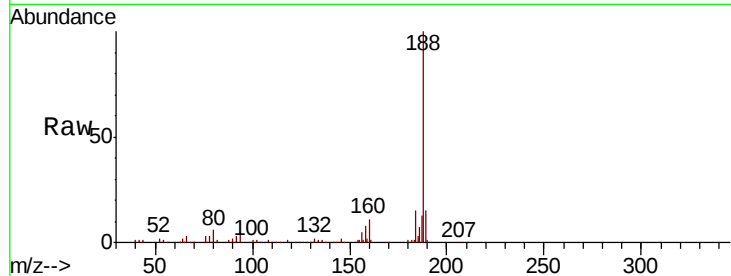
Tgt Ion:188 Resp: 167370

Ion Ratio Lower Upper

188 100

94 4.6 3.8 5.8

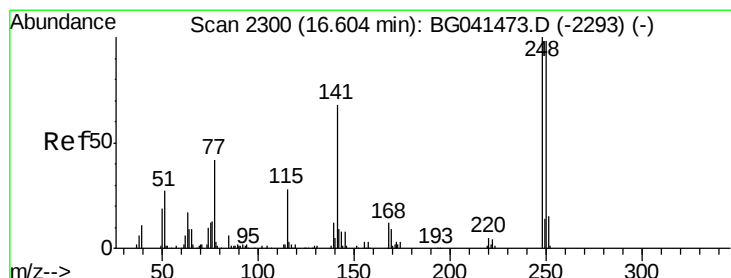
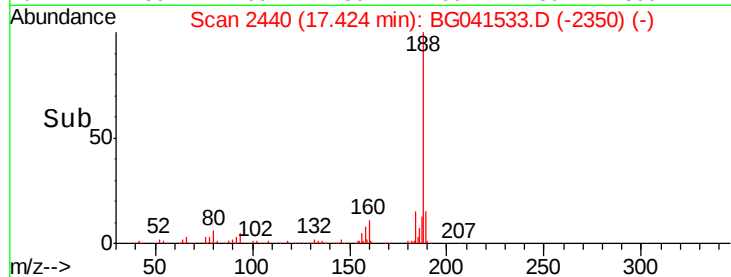
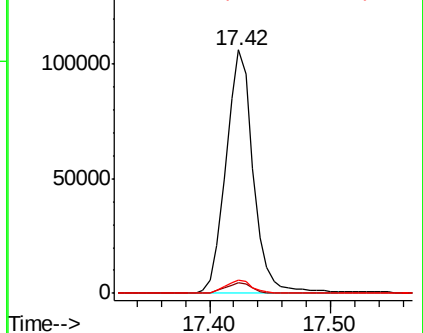
80 5.9 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.808 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.43 min

Lab File: BG041533.D

Acq: 29 Jun 2019 5:18

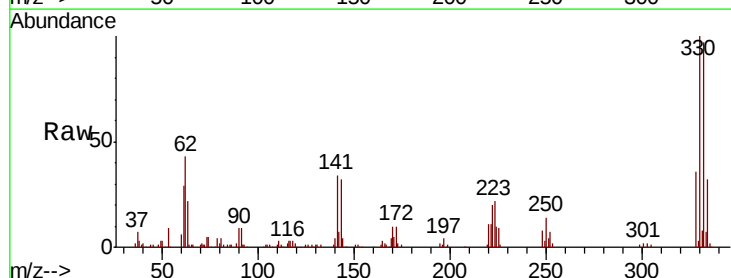
Tgt Ion:248 Resp: 8710

Ion Ratio Lower Upper

248 100

250 190.9 78.1 117.1#

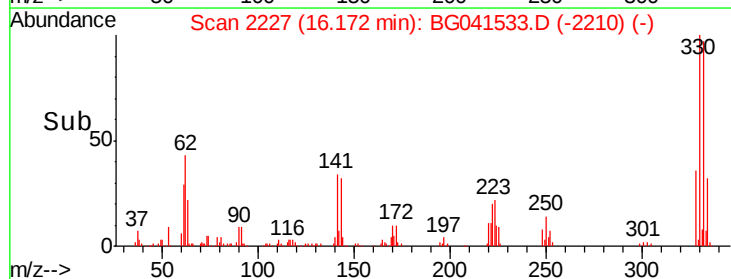
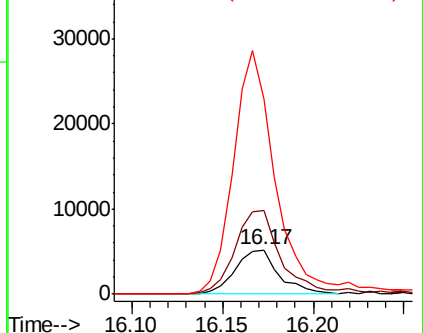
141 445.1 54.1 81.1#

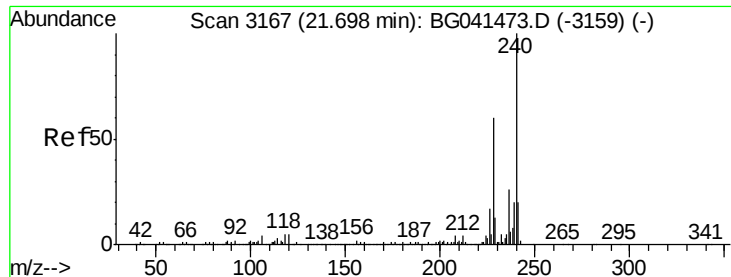


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

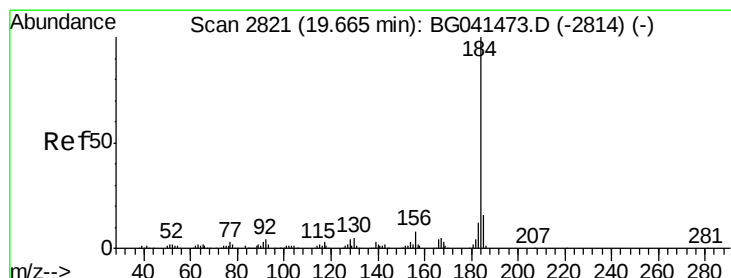
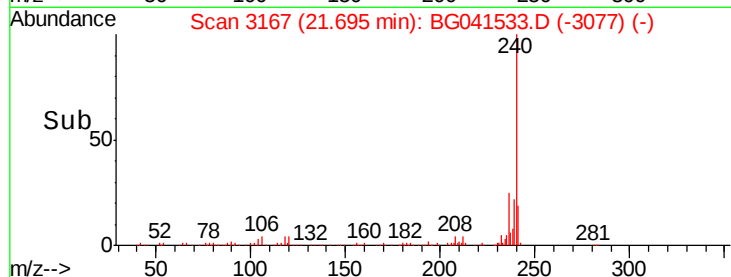
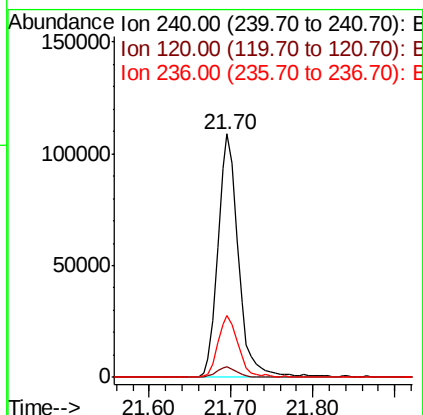
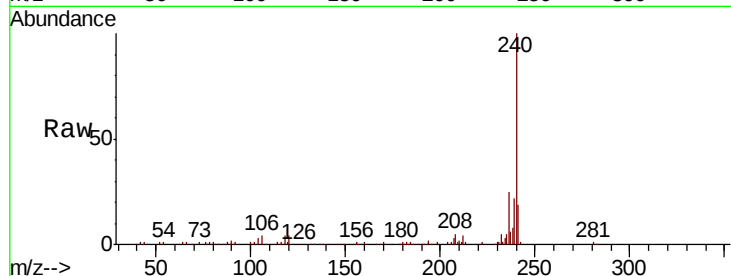




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041533.D
Acq: 29 Jun 2019 5:18

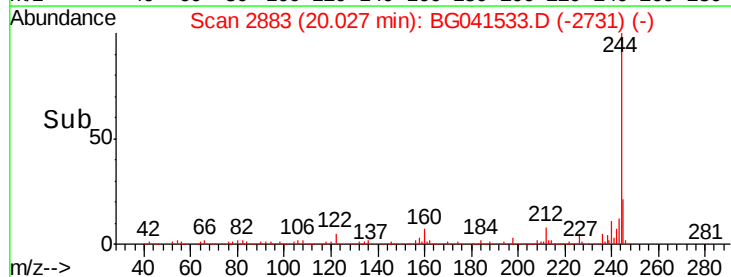
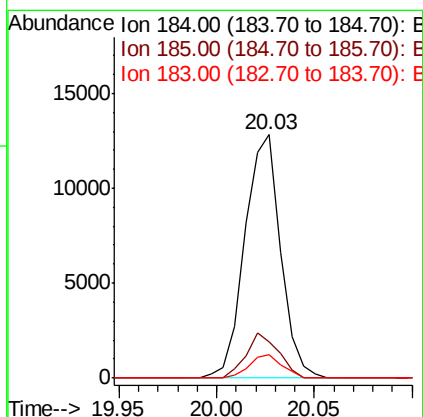
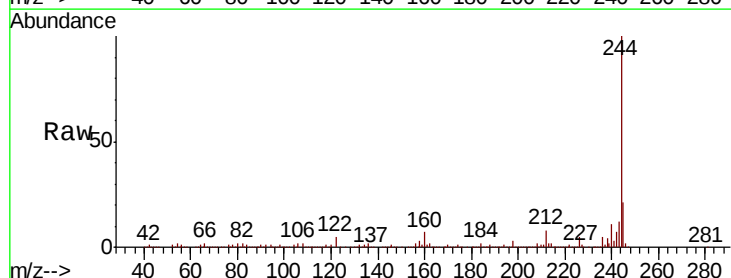
Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

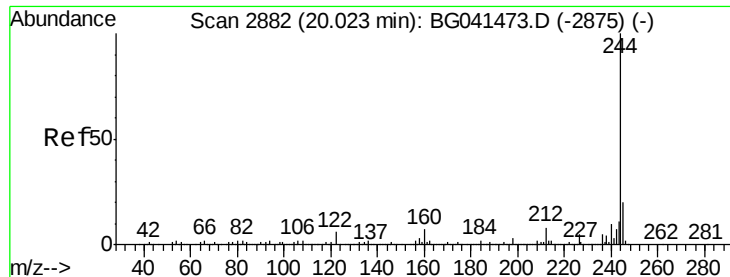
Tgt Ion:240 Resp: 190332
Ion Ratio Lower Upper
240 100
120 4.2 3.7 5.5
236 25.5 20.8 31.2



#77
Benzidine
Concen: 3.847 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.36 min
Lab File: BG041533.D
Acq: 29 Jun 2019 5:18

Tgt Ion:184 Resp: 16245
Ion Ratio Lower Upper
184 100
185 14.7 12.7 19.1
183 9.7 9.4 14.2

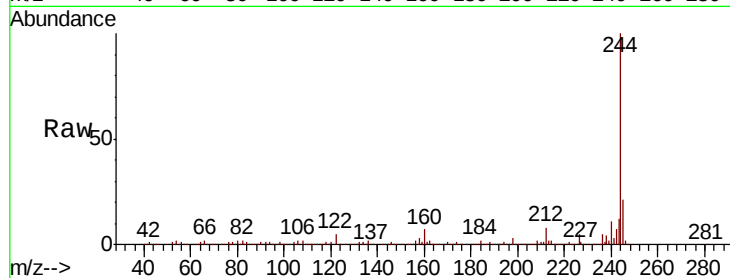




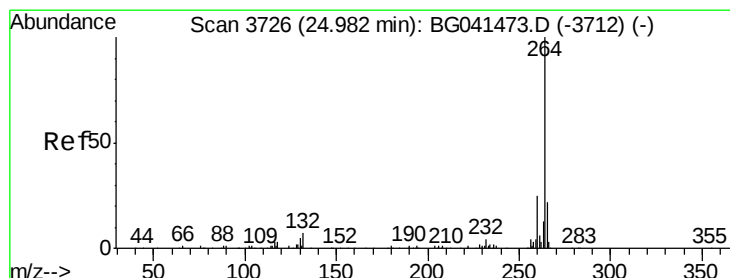
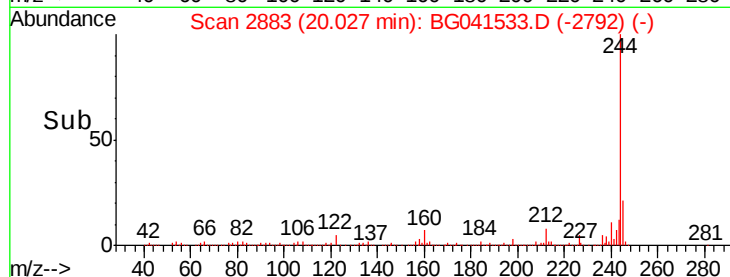
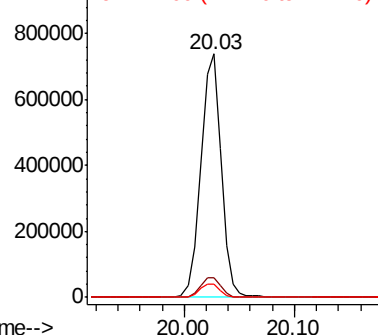
#79
 Terphenyl-d14
 Concen: 107.161 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BG041533.D
 Acq: 29 Jun 2019 5:18

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	5.4	4.8	7.2

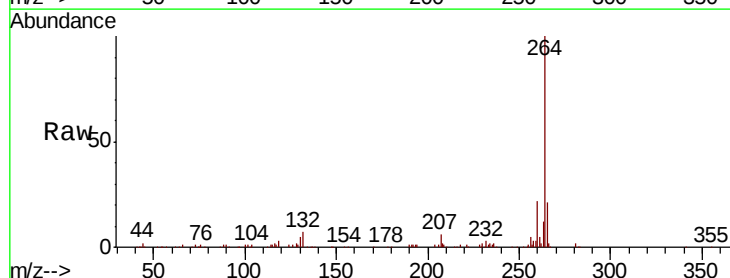


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.00 min
 Lab File: BG041533.D
 Acq: 29 Jun 2019 5:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.7	29.5
265	21.4	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

