

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043222.D
 Acq On : 15 Oct 2019 17:15
 Operator : JU
 Sample : K5325-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 01:17:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

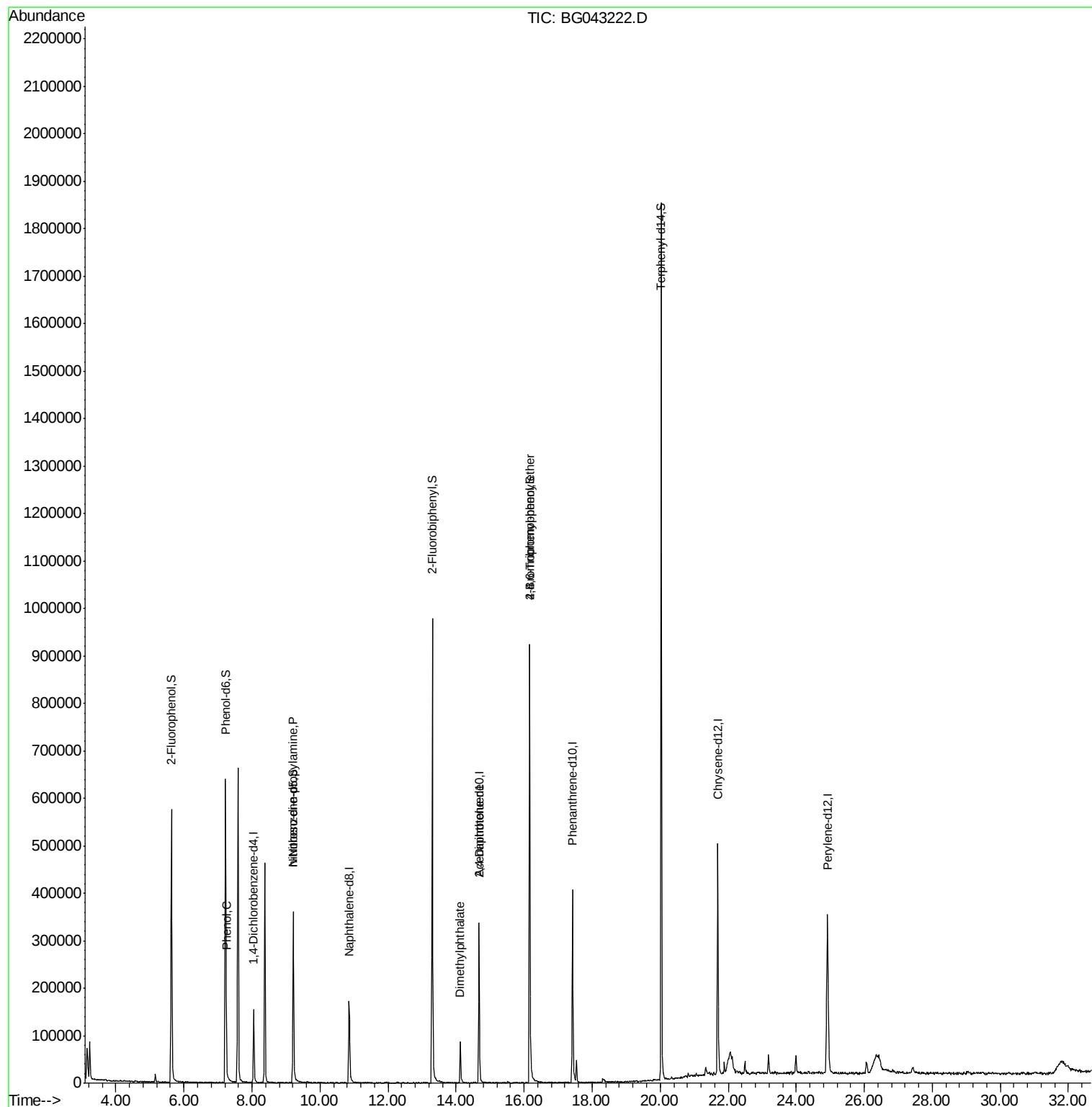
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49044	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	184157	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	134722	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	320878	20.00	ng	0.00
76) Chrysene-d12	21.70	240	341019	20.00	ng	0.00
87) Perylene-d12	24.92	264	390886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	272245	99.06	ng	0.00
7) Phenol-d6	7.22	99	408171	103.14	ng	0.00
23) Nitrobenzene-d5	9.21	82	251234	66.31	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	235552	101.68	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	595375	64.07	ng	0.00
79) Terphenyl-d14	20.03	244	1020799	63.79	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10510	2.895	ng	81
19) n-Nitroso-di-n-propylamine	9.21	70	34389	13.234	ng	# 73
50) Dimethylphthalate	14.12	163	72318	7.164	ng	# 93
57) 2,4-Dinitrotoluene	14.68	165	18318	5.819	ng	# 24
67) 4-Bromophenyl-phenylether	16.16	248	15756	3.912	ng	# 1

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

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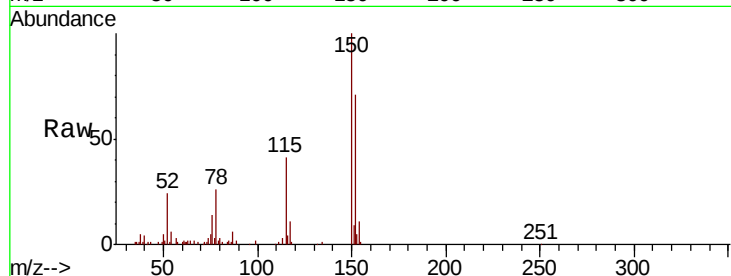


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.9	115.0	172.4
115	57.8	47.0	70.6

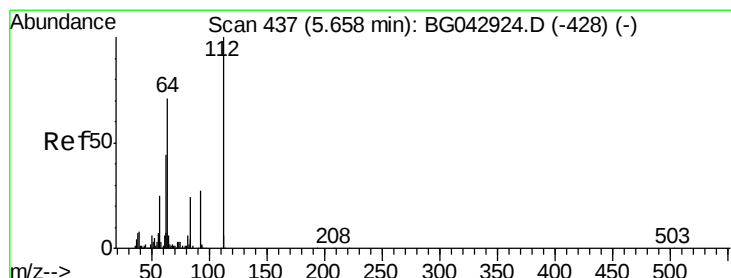
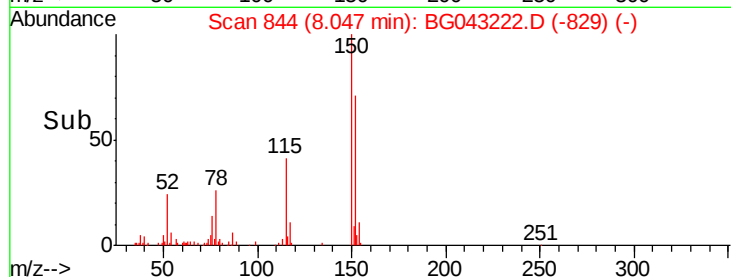
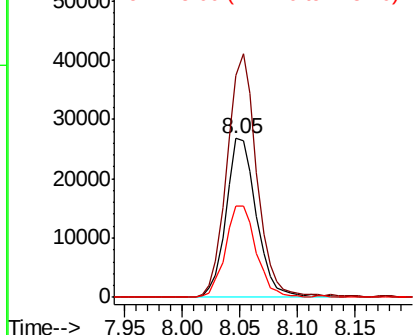


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

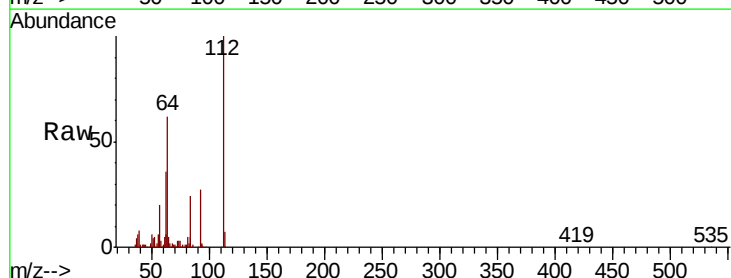
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.065 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.6	84.8
63	36.1	35.1	52.7

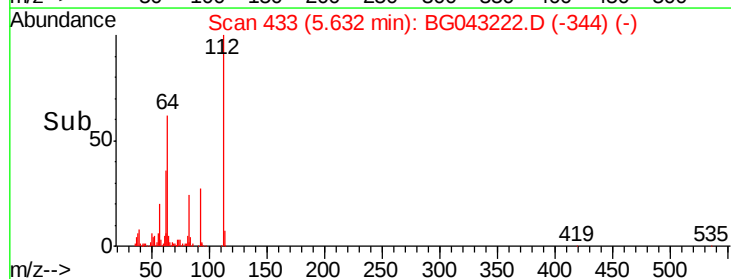
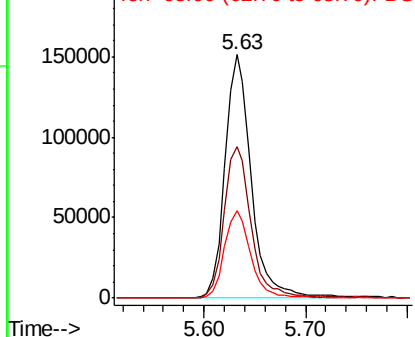


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.139 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

Instrument :

BNA_G

ClientSampled :

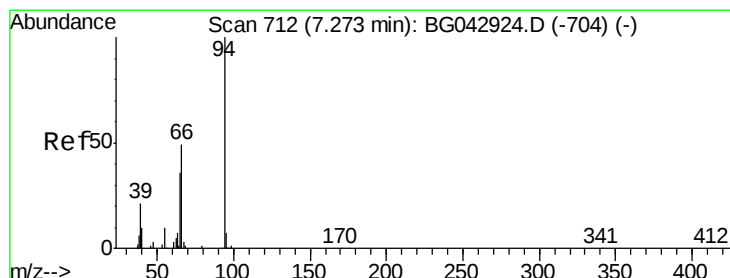
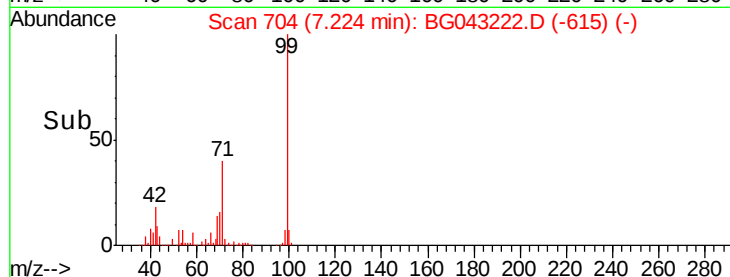
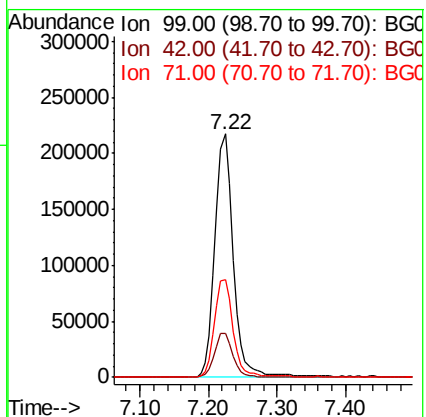
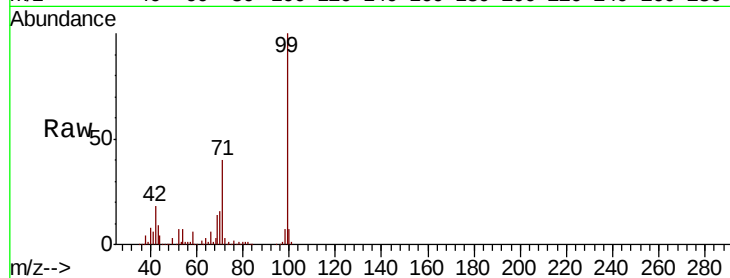
Tot Ion: 99 Resp: 408171

Ion Ratio Lower Upper

99 100

42 17.9 17.2 25.8

71 40.2 33.1 49.7



#10

Phenol

Concen: 2.895 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

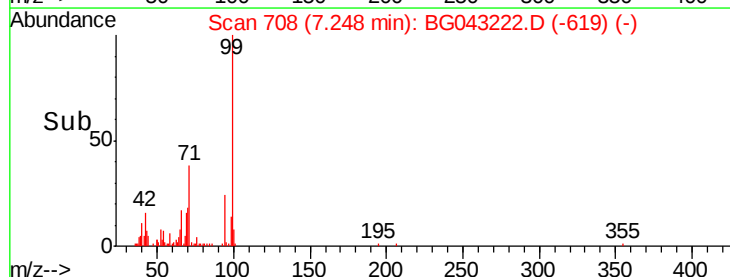
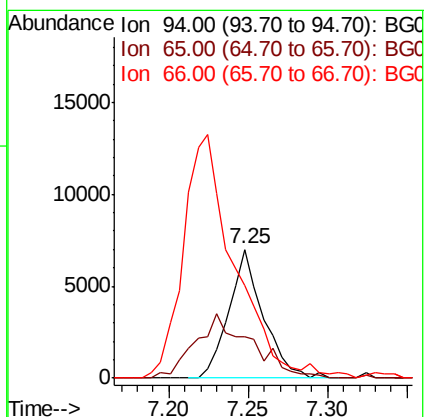
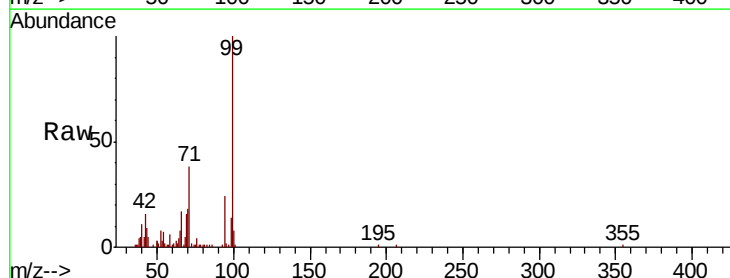
Tgt Ion: 94 Resp: 10510

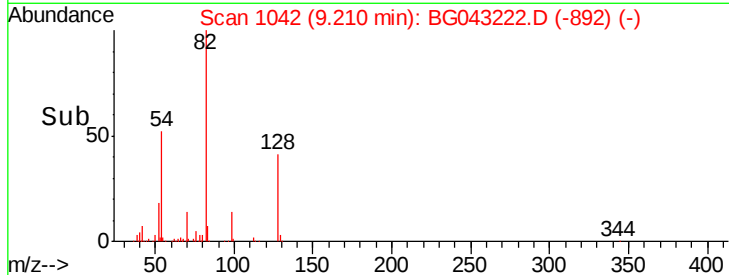
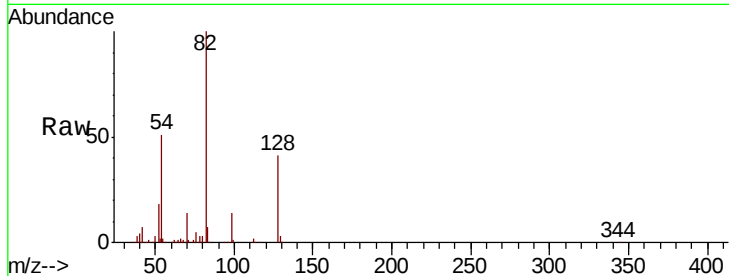
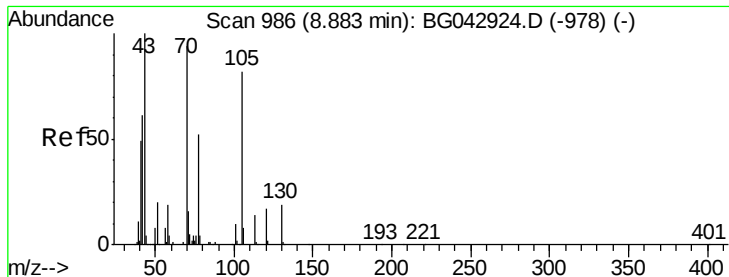
Ion Ratio Lower Upper

94 100

65 32.6 16.6 56.6

66 72.0 32.4 72.4

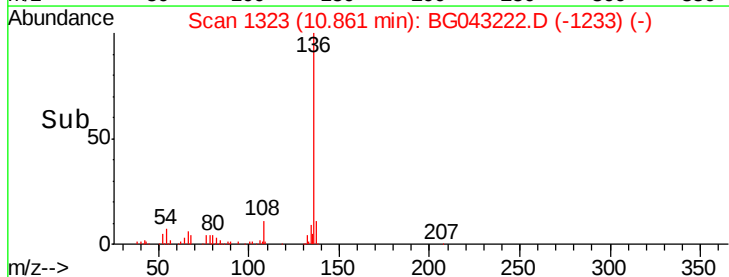
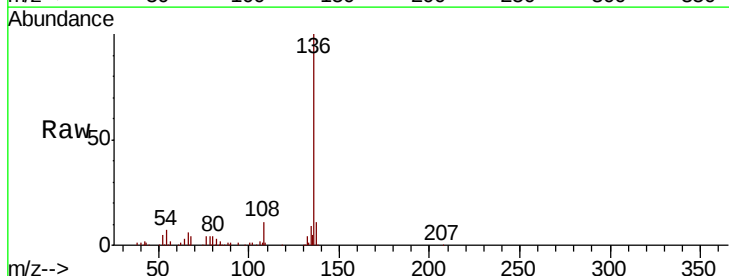
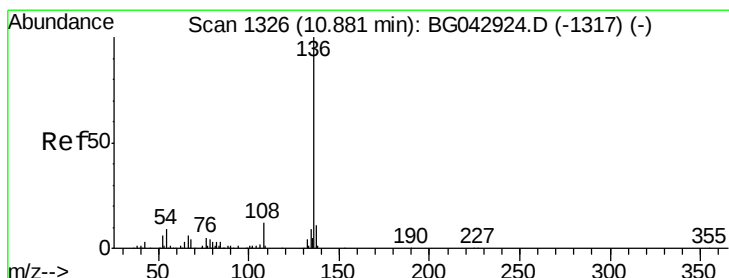
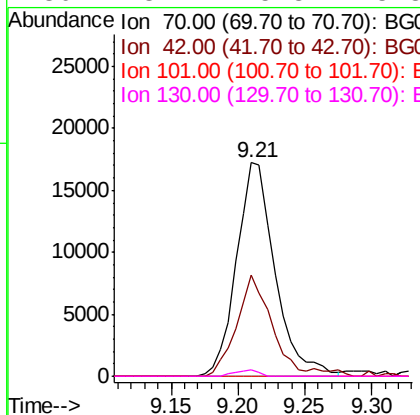




#19
n-Nitroso-di-n-propylamine
Concen: 13.234 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

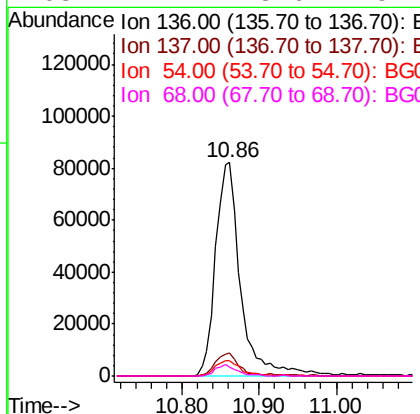
Instrument :
BNA_G
ClientSampleId :

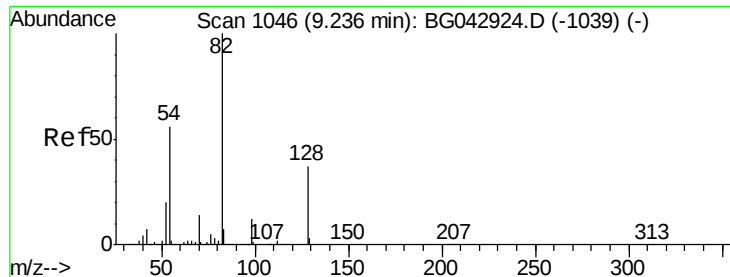
Tot Ion: 70 Resp: 34389
Ion Ratio Lower Upper
70 100
42 47.1 52.6 79.0#
101 0.0 8.7 13.1#
130 3.1 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

Tgt Ion: 136 Resp: 184157
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.0 7.4 11.2#
68 4.1 3.6 5.4

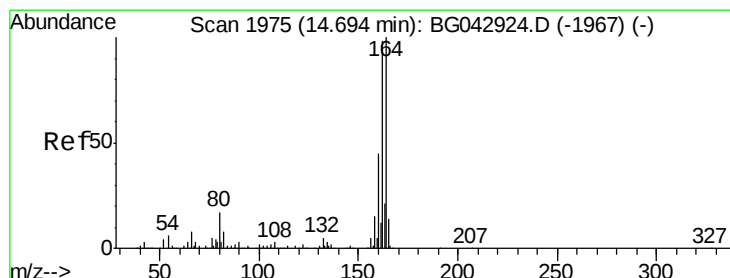
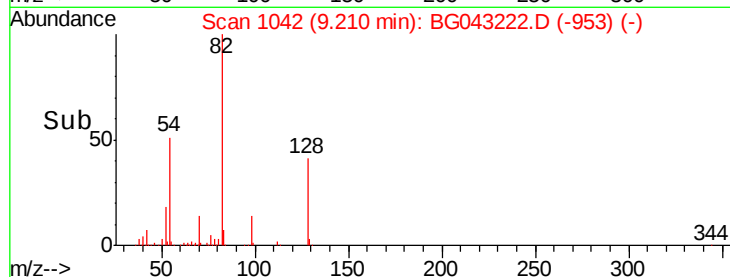
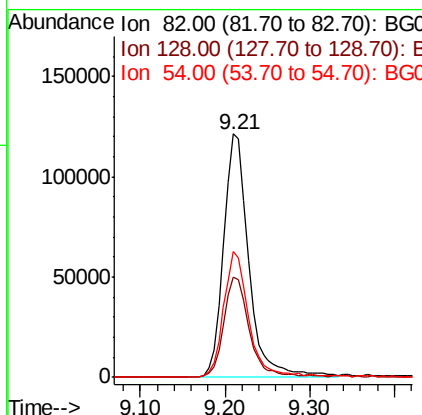
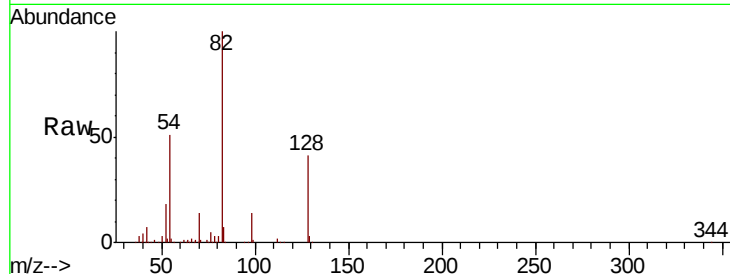




#23
 Nitrobenzene-d5
 Concen: 66.309 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043222.D
 Acq: 15 Oct 2019 17:15

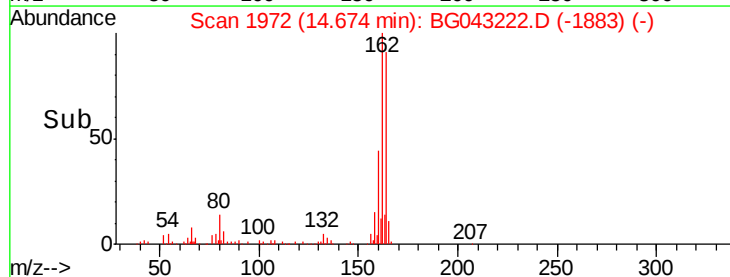
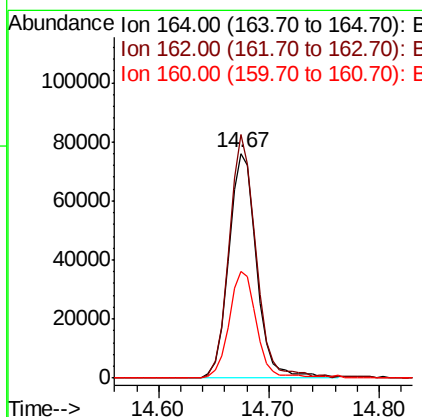
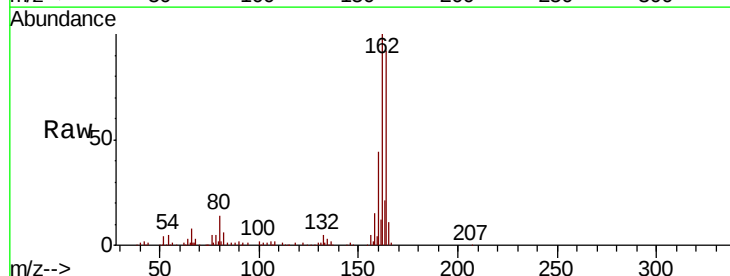
Instrument :
 BNA_G
 ClientSampleId :

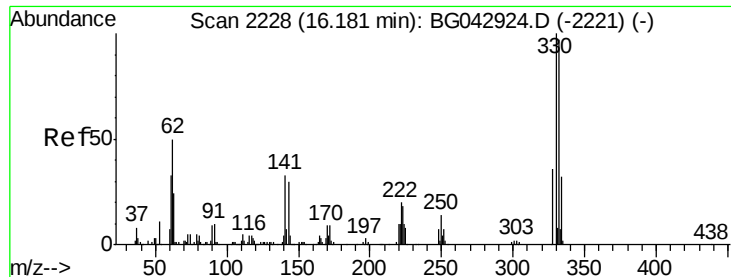
Tot Ion	82	Resp	251234
Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.5	44.3
54	51.4	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG043222.D
 Acq: 15 Oct 2019 17:15

Tgt Ion	164	Resp	134722
Ion	Ratio	Lower	Upper
164	100		
162	108.2	78.5	117.7
160	47.5	35.9	53.9

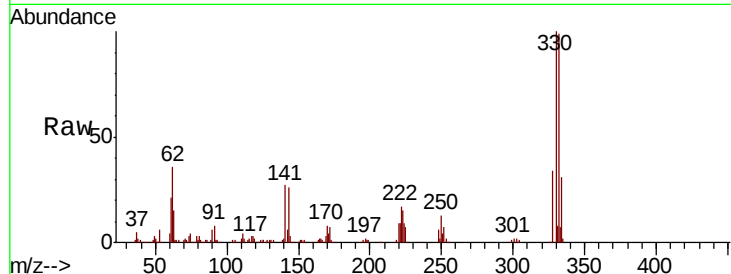




#42
 2,4,6-Tribromophenol
 Concen: 101.679 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG043222.D
 Acq: 15 Oct 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	28.2	26.0	39.0

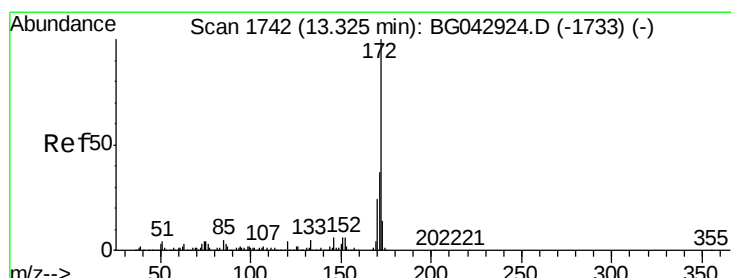
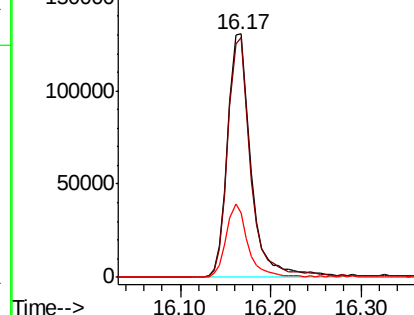
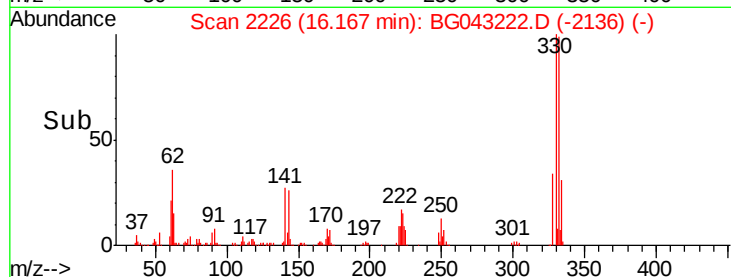


Abundance

Ion 329.80 (329.50 to 330.50): E

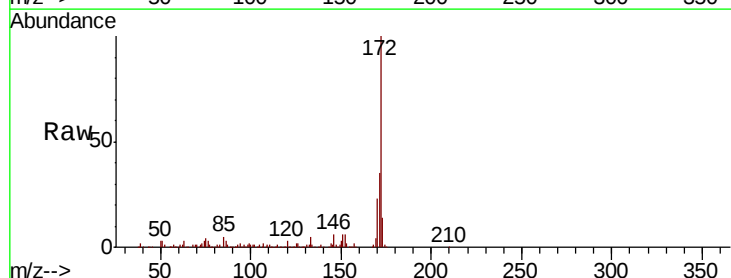
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.066 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG043222.D
 Acq: 15 Oct 2019 17:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.0	19.6	29.4

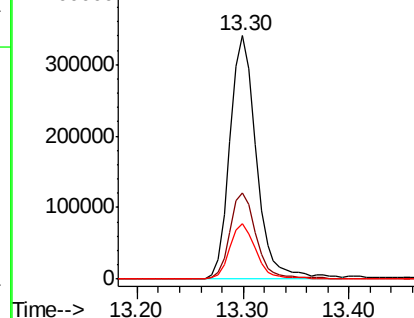
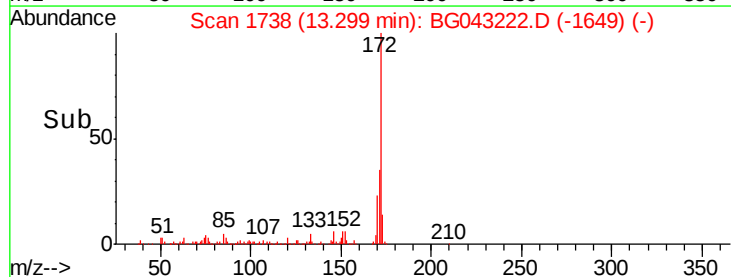


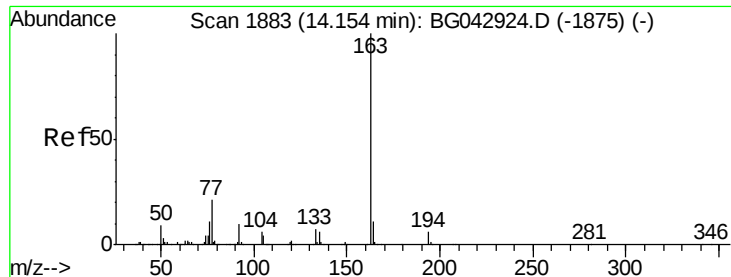
Abundance

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: 7.164 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

Instrument :

BNA_G

ClientSampled :

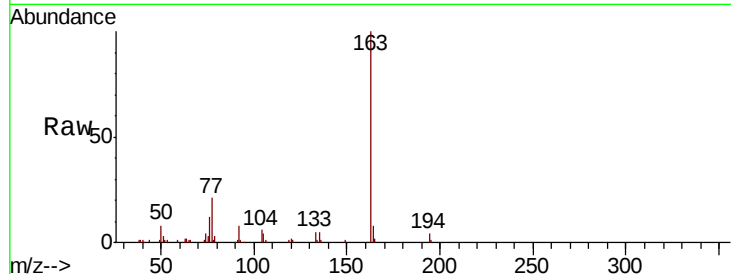
Tot Ion:163 Resp: 72318

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

164 7.9 8.6 12.8#

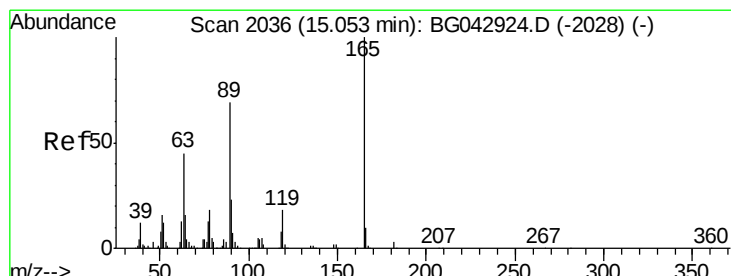
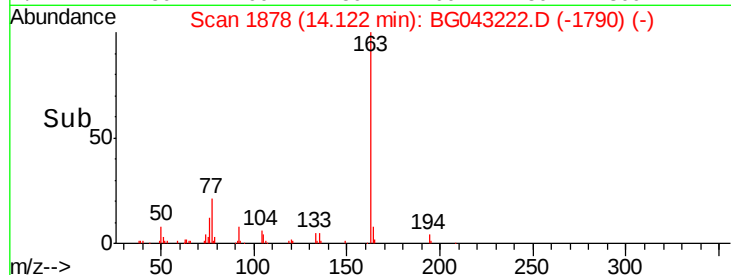
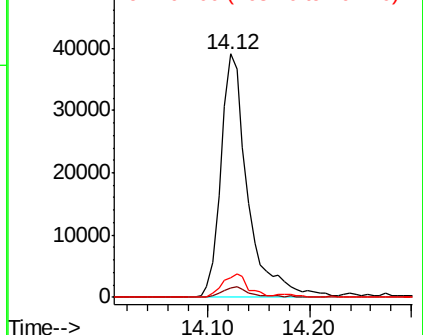


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 5.819 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.35 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

Tgt Ion:165 Resp: 18318

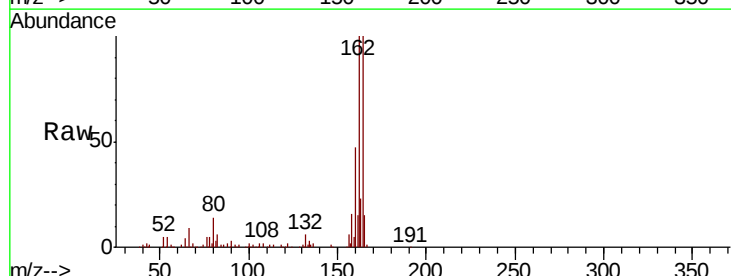
Ion Ratio Lower Upper

165 100

63 0.0 36.5 54.7#

89 1.6 55.5 83.3#

182 0.0 2.4 3.6#



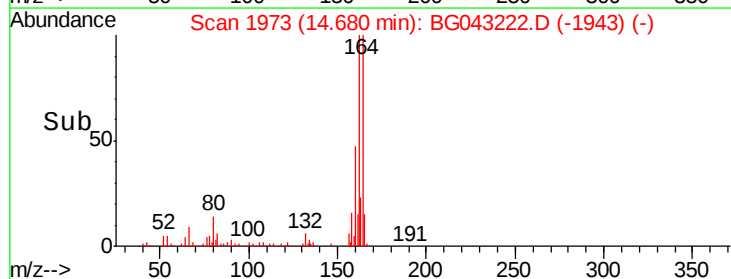
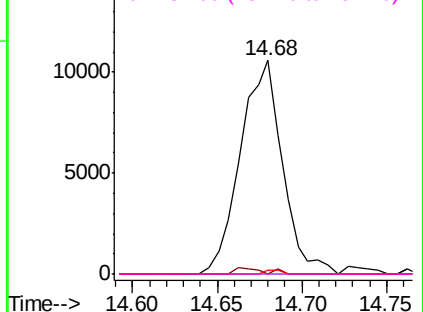
Abundance

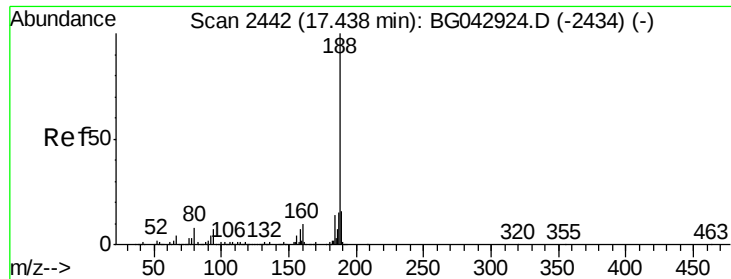
Ion 165.00 (164.70 to 165.70): E

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# 2439

Delta R.T. -0.00 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

Instrument :

BNA_G

ClientSampleId :

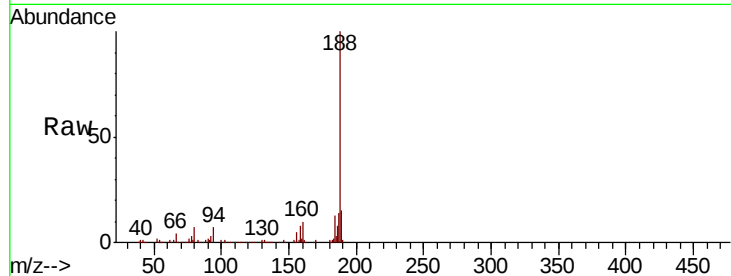
Tot Ion:188 Resp: 320878

Ion Ratio Lower Upper

188 100

94 6.6 5.7 8.5

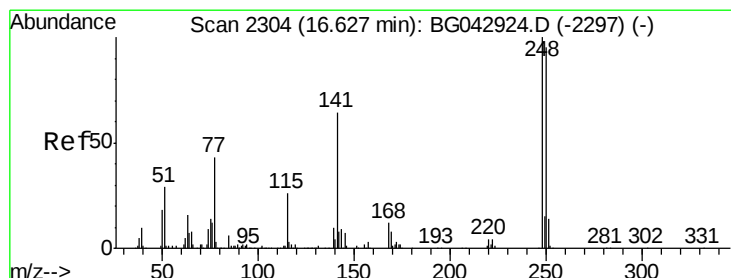
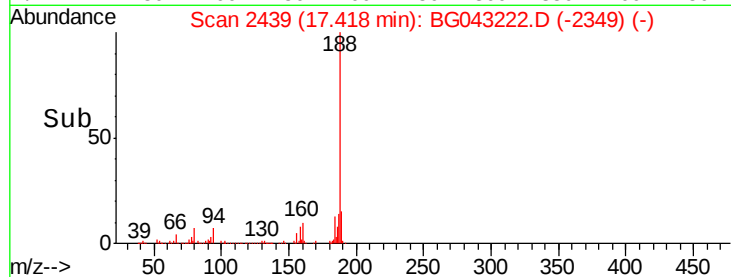
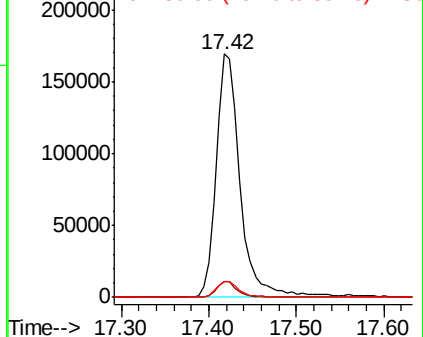
80 6.5 6.5 9.7



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: 3.912 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.45 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

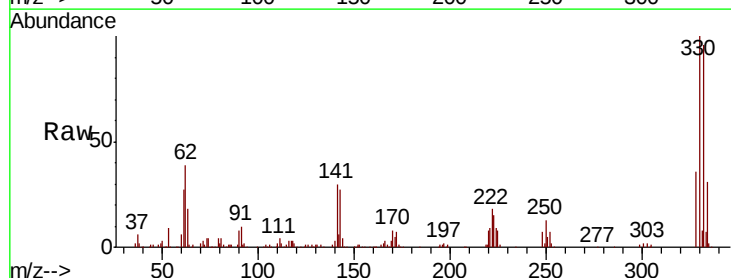
Tgt Ion:248 Resp: 15756

Ion Ratio Lower Upper

248 100

250 187.5 75.8 113.8#

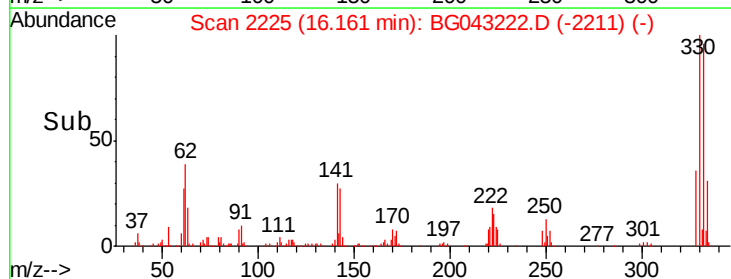
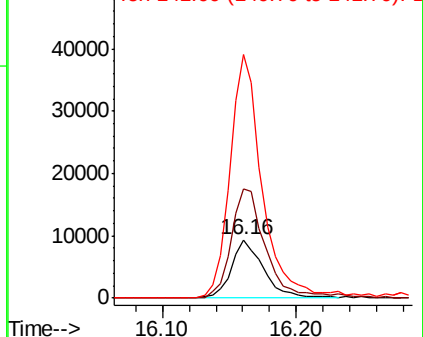
141 418.8 51.1 76.7#

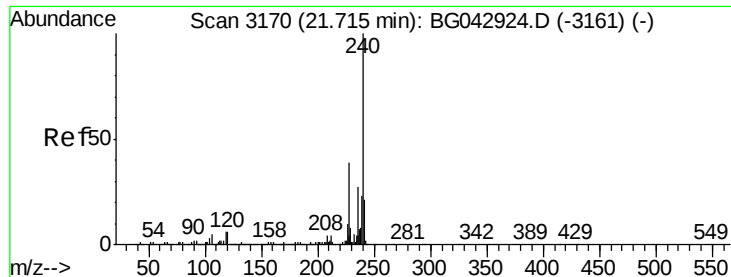


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

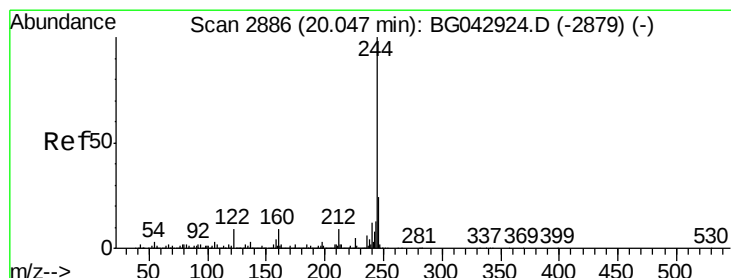
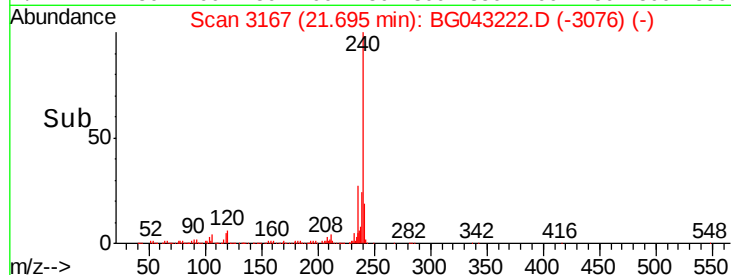
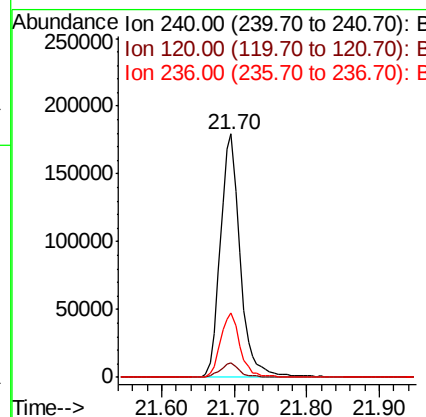
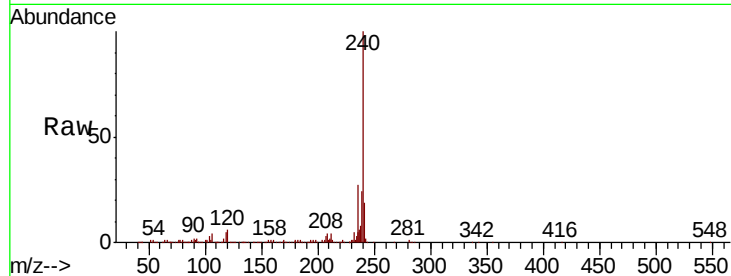




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. 0.01 min
 Lab File: BG043222.D
 Acq: 15 Oct 2019 17:15

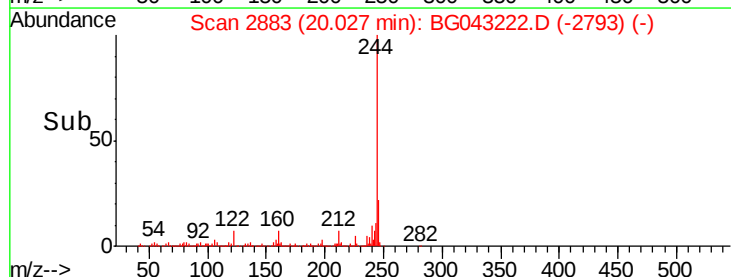
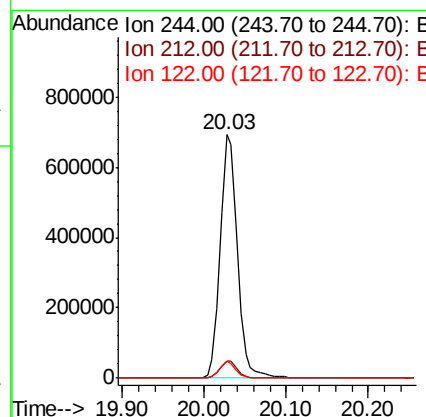
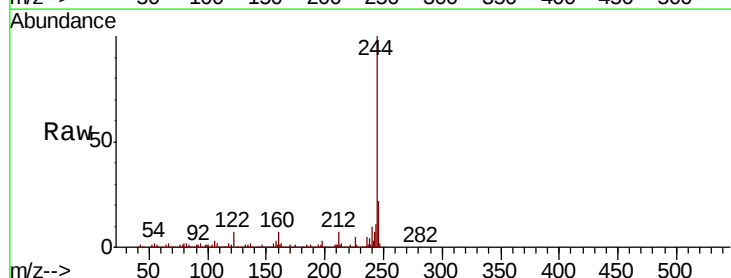
Instrument :
 BNA_G
 ClientSampleId :

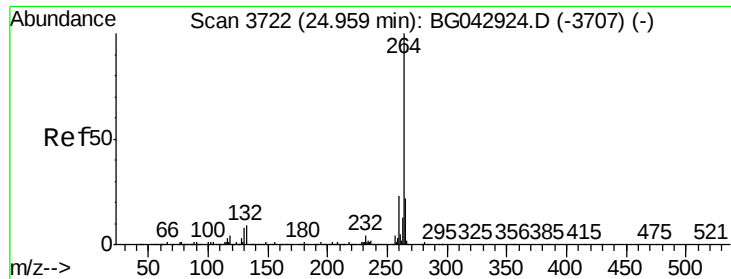
Tot Ion:240 Resp: 341019
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.8 7.2
 236 26.5 21.4 32.0



#79
 Terphenyl-d14
 Concen: 63.785 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG043222.D
 Acq: 15 Oct 2019 17:15

Tgt Ion:244 Resp: 1020799
 Ion Ratio Lower Upper
 244 100
 212 6.8 7.4 11.0#
 122 7.0 7.0 10.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3715
 Delta R.T. 0.01 min
 Lab File: BG043222.D
 Acq: 15 Oct 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	390886
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.4	17.7	26.5

