

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043701.D
 Acq On : 19 Nov 2019 16:58
 Operator : JU
 Sample : K5865-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 02:47:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

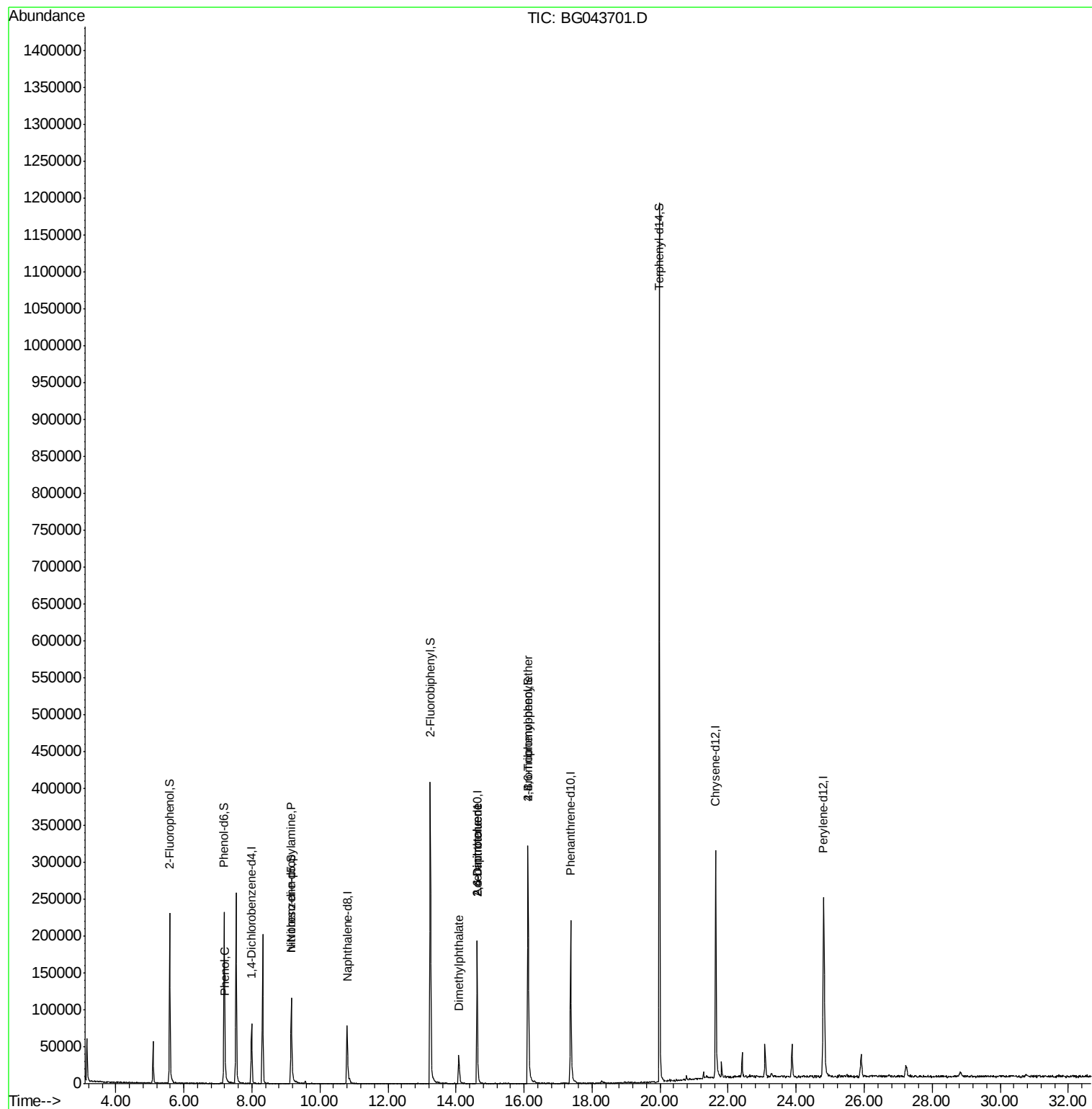
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26007	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	100367	20.00	ng	0.01
39) Acenaphthene-d10	14.62	164	78065	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	200194	20.00	ng	0.00
76) Chrysene-d12	21.63	240	228177	20.00	ng	0.00
87) Perylene-d12	24.81	264	259521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	108291	76.30	ng	0.00
7) Phenol-d6	7.18	99	156083	76.44	ng	0.00
23) Nitrobenzene-d5	9.15	82	93373	47.96	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	93181	62.72	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	267622	47.37	ng	0.00
79) Terphenyl-d14	19.98	244	667066	54.85	ng	0.00
Target Compounds						
10) Phenol	7.21	94	8157	4.372	ng	87
19) n-Nitroso-di-n-propylamine	9.15	70	13698	10.381	ng	# 68
50) Dimethylphthalate	14.08	163	41443	6.854	ng	100
51) 2,6-Dinitrotoluene	14.62	165	10356	7.884	ng	# 27
57) 2,4-Dinitrotoluene	14.62	165	10356	5.516	ng	# 27
67) 4-Bromophenyl-phenylether	16.12	248	5802	2.154	ng	# 1

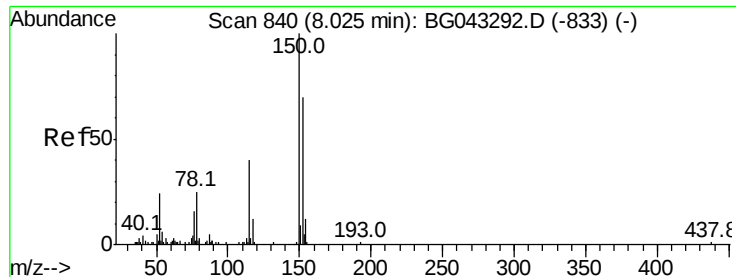
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

Instrument :

BNA_G

ClientSampleId :

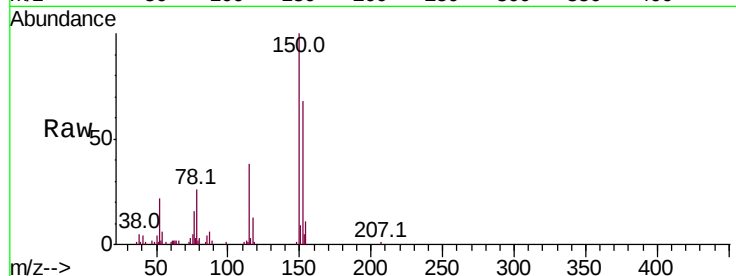
Tot Ion:152 Resp: 26007

Ion Ratio Lower Upper

152 100

150 146.9 116.6 175.0

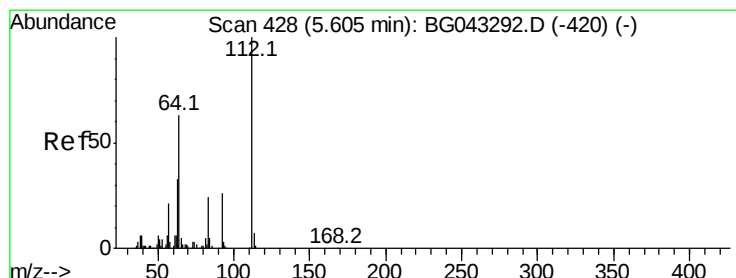
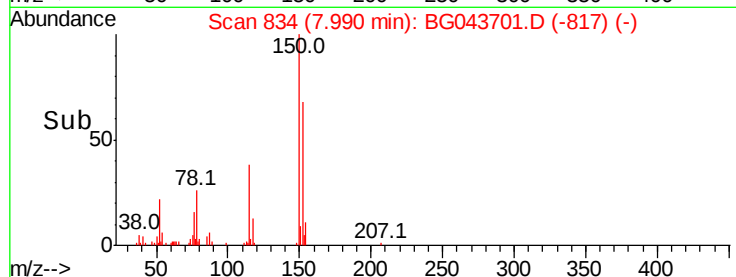
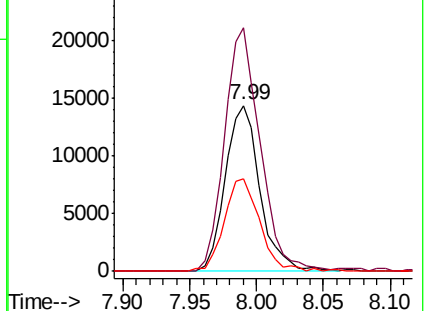
115 56.2 40.5 60.7



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: 76.302 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

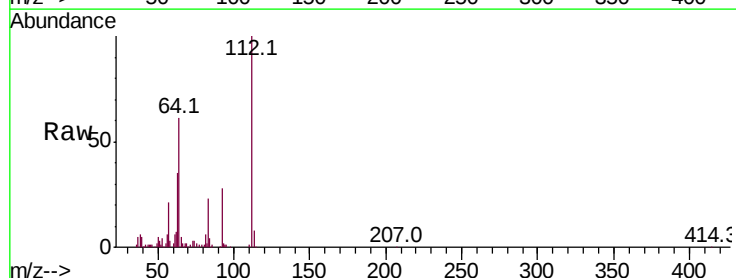
Tgt Ion:112 Resp: 108291

Ion Ratio Lower Upper

112 100

64 61.1 50.6 75.8

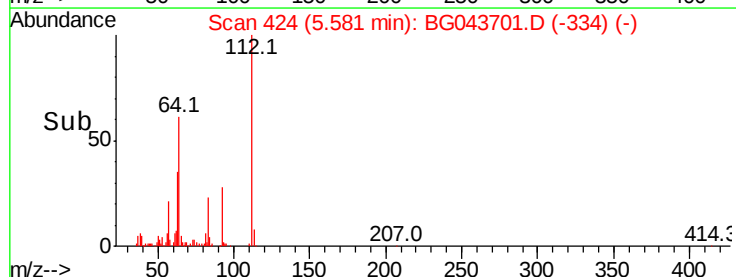
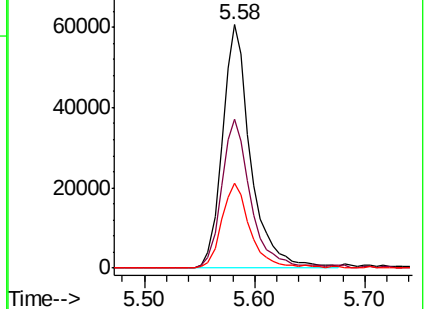
63 34.8 30.5 45.7

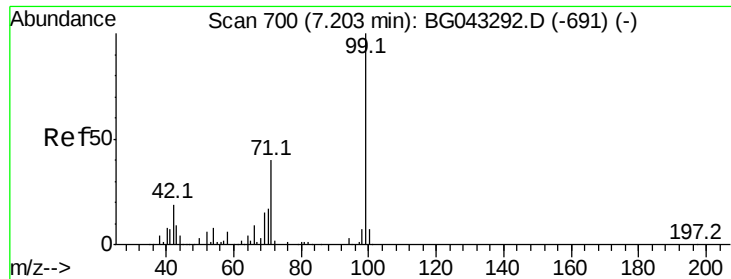


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 76.438 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

Instrument :

BNA_G

ClientSampleId :

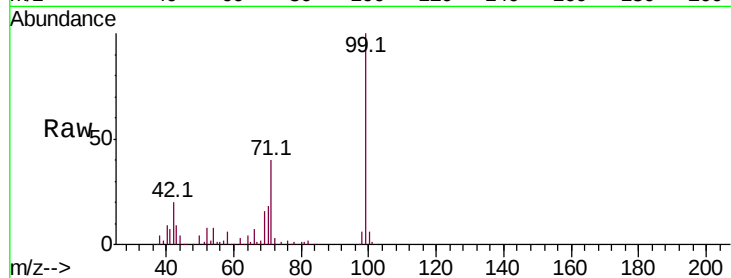
Tot Ion: 99 Resp: 156083

Ion Ratio Lower Upper

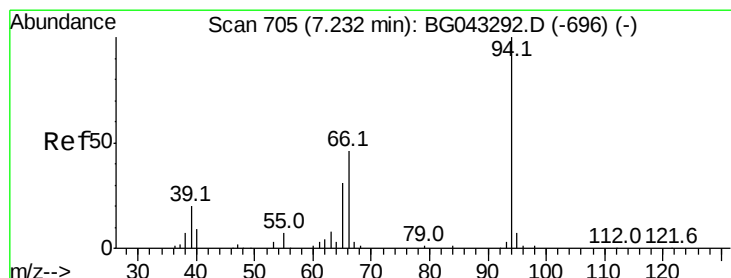
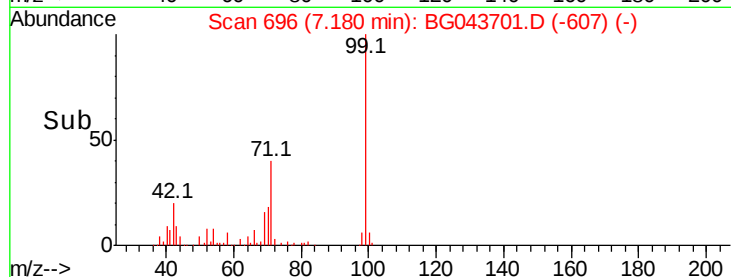
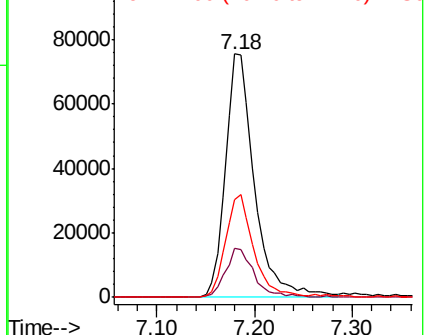
99 100

42 20.2 15.8 23.8

71 40.0 34.4 51.6



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



#10

Phenol

Concen: 4.372 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

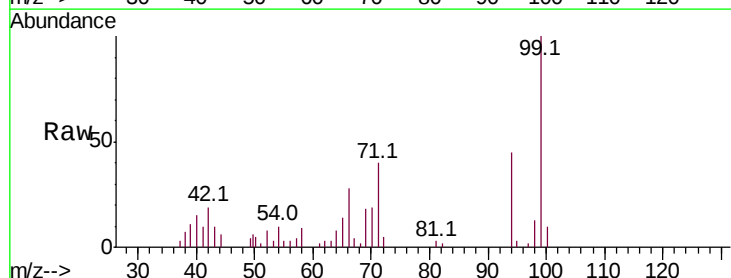
Tgt Ion: 94 Resp: 8157

Ion Ratio Lower Upper

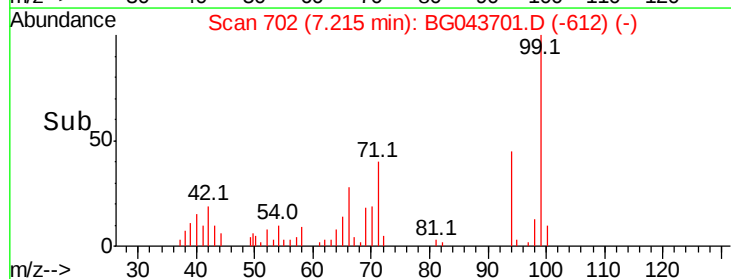
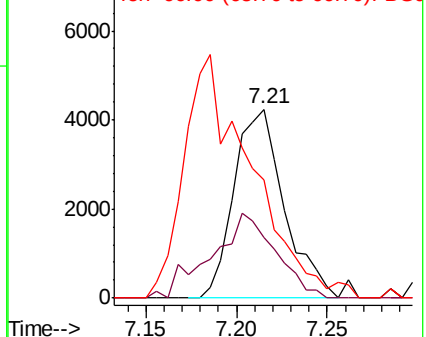
94 100

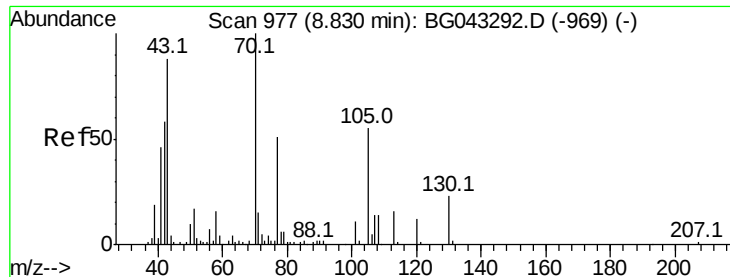
65 32.2 11.4 51.4

66 62.8 28.4 68.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 10.381 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.36 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 13698

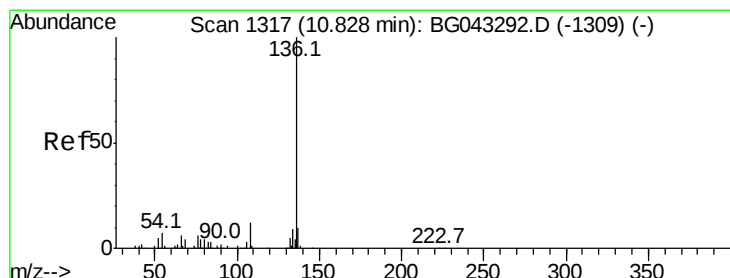
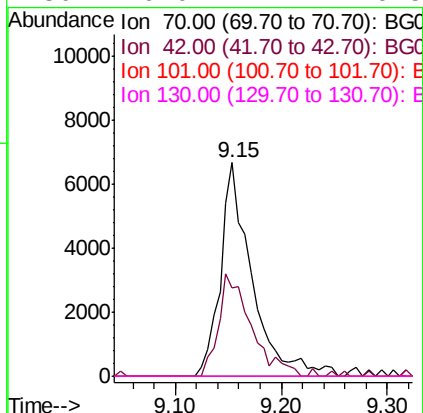
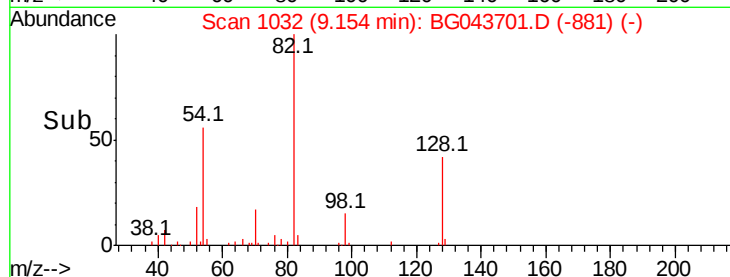
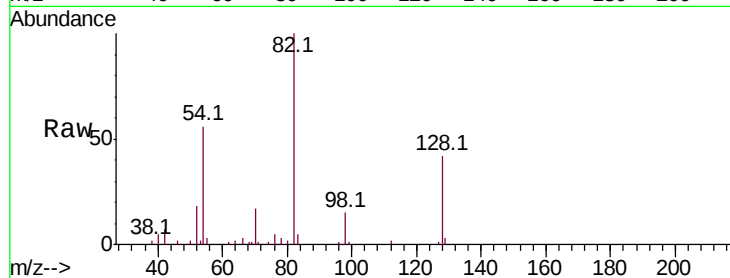
Ion Ratio Lower Upper

70 100

42 41.7 49.7 74.5#

101 0.0 9.7 14.5#

130 0.0 17.7 26.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

Tgt Ion:136 Resp: 100367

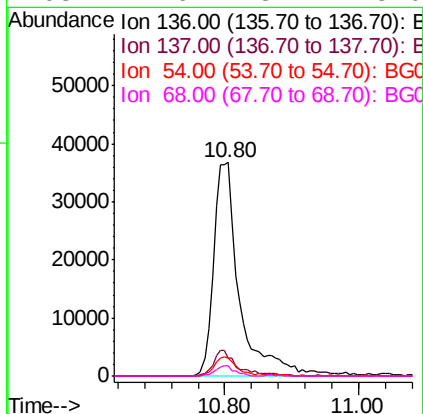
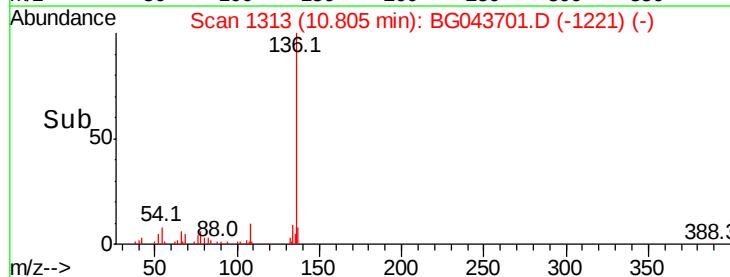
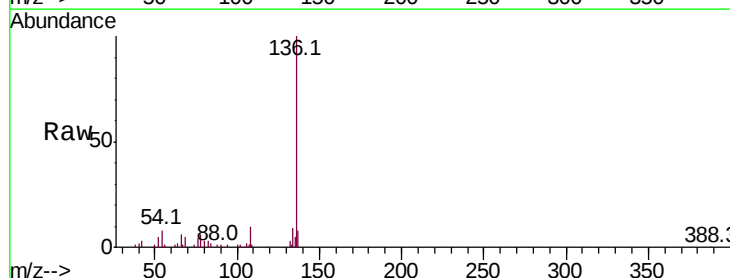
Ion Ratio Lower Upper

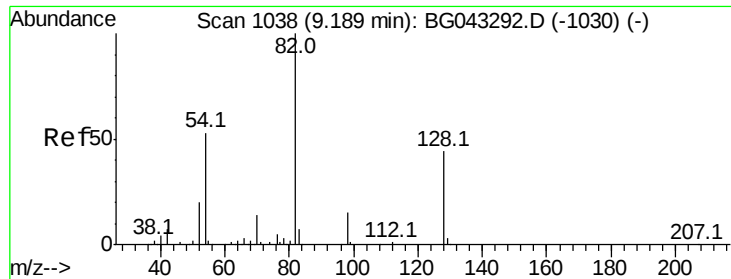
136 100

137 8.2 8.8 13.2#

54 8.2 6.2 9.2

68 4.6 3.4 5.0

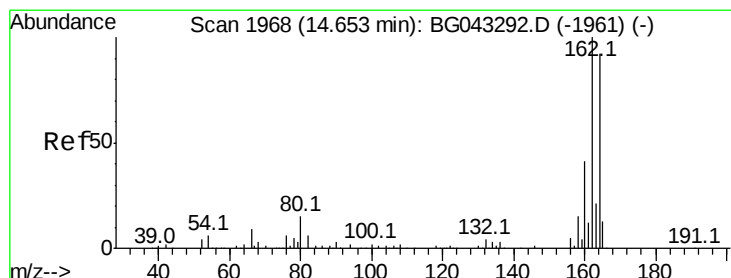
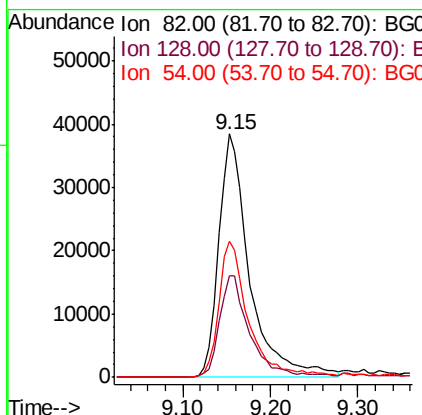
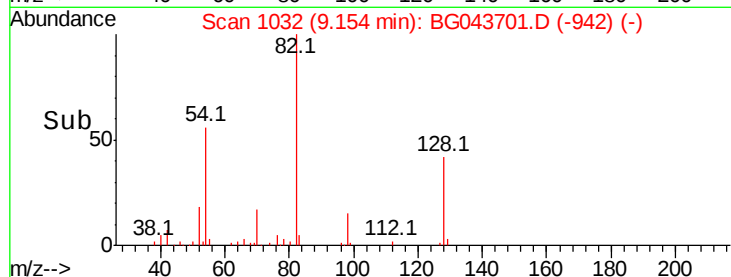
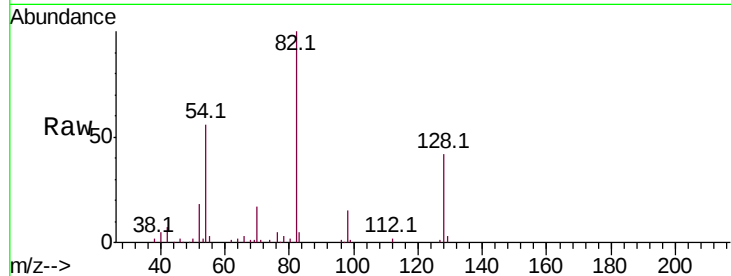




#23
Nitrobenzene-d5
Concen: 47.962 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

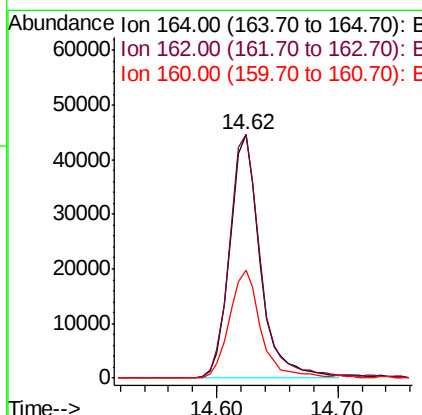
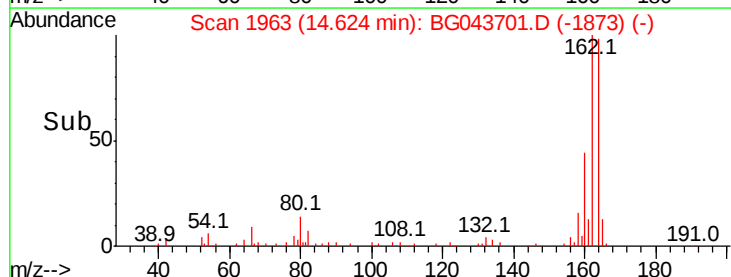
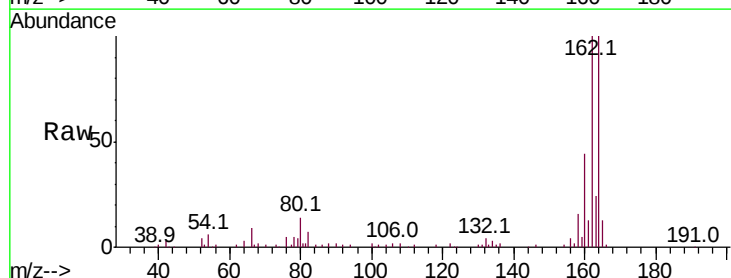
Instrument :
BNA_G
ClientSampled :

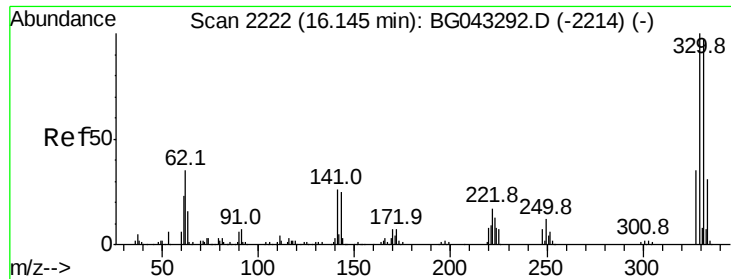
Tot Ion: 82 Resp: 93373
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.4
54 55.7 44.7 67.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

Tgt Ion:164 Resp: 78065
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 44.3 36.3 54.5

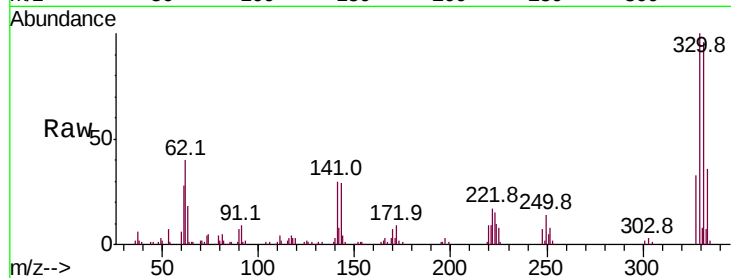




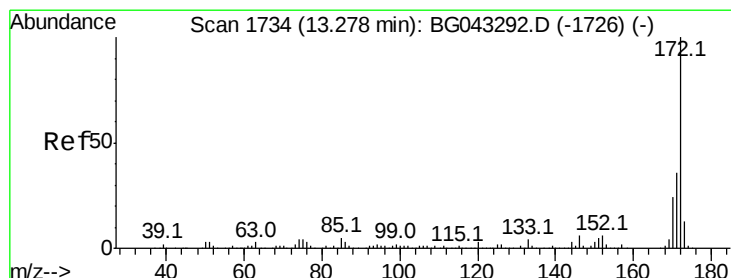
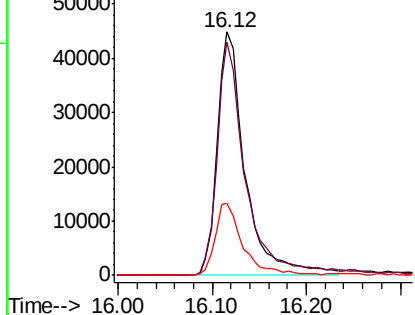
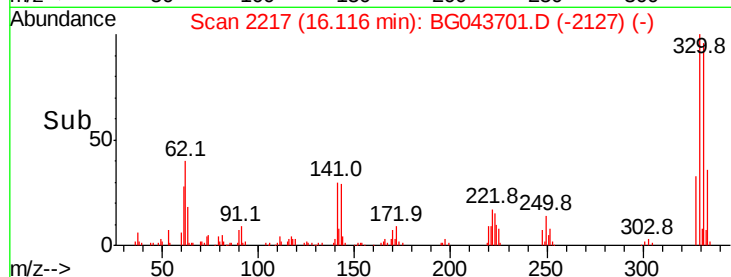
#42
 2,4,6-Tribromophenol
 Concen: 62.724 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043701.D
 Acq: 19 Nov 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	29.3	23.4	35.2

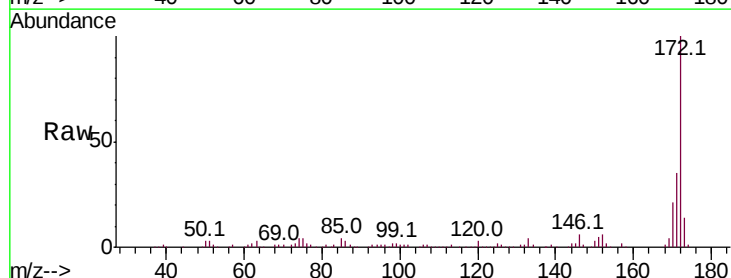


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

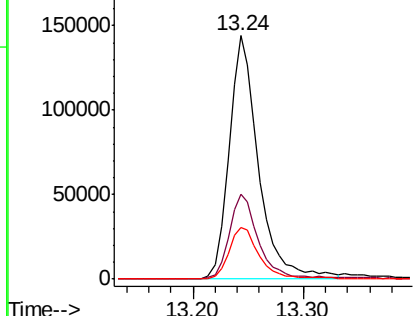
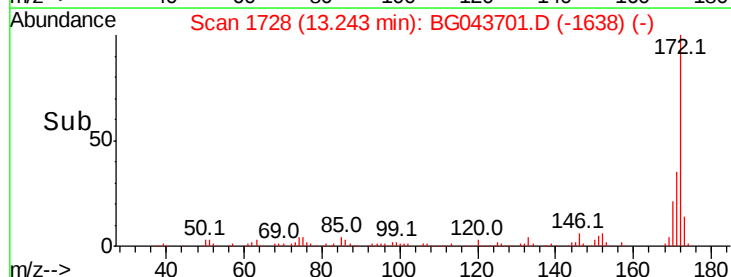


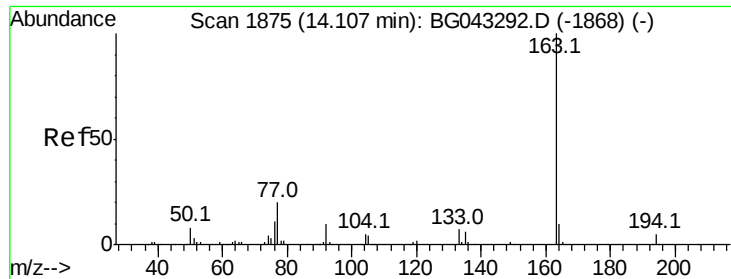
#45
 2-Fluorobiphenyl
 Concen: 47.371 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG043701.D
 Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	21.0	18.8	28.2



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

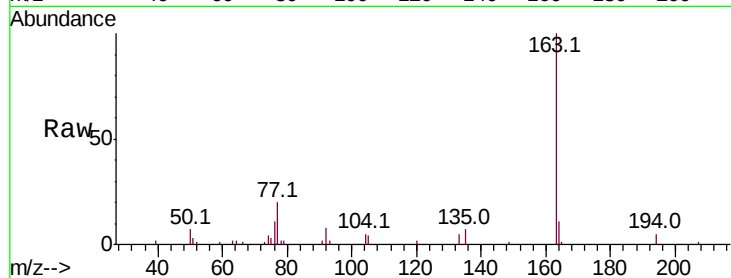




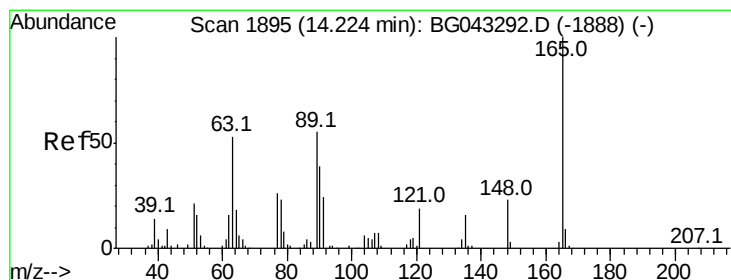
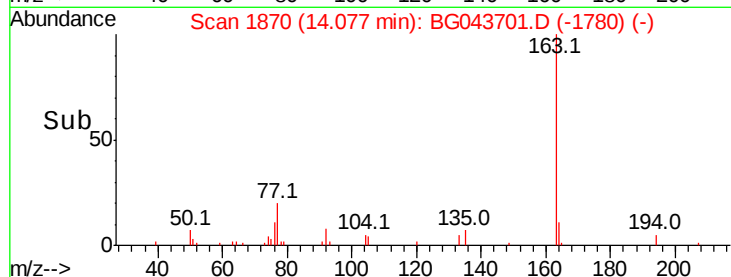
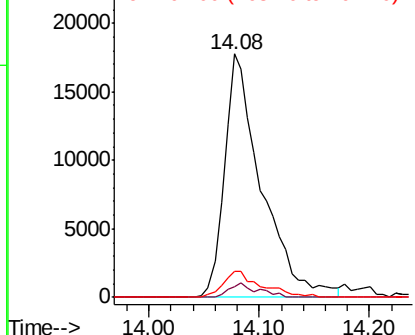
#50
Dimethylphthalate
Concen: 6.854 ng
RT: 14.08 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 41443
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.8
164 10.5 8.5 12.7

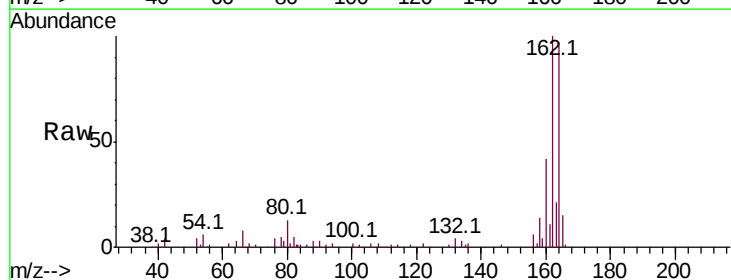


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

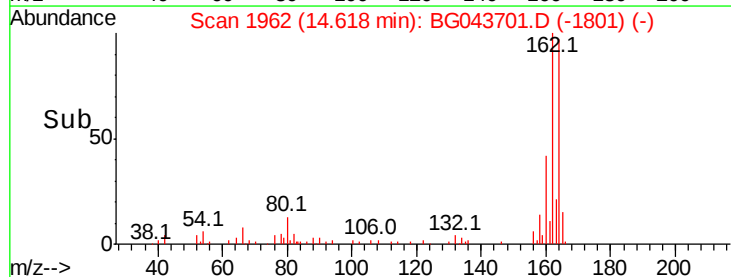
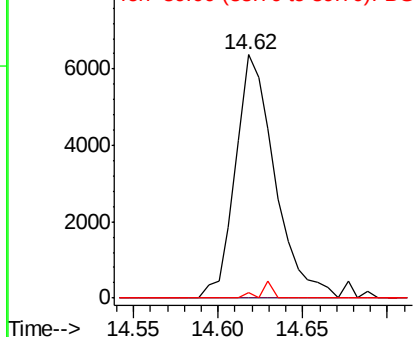


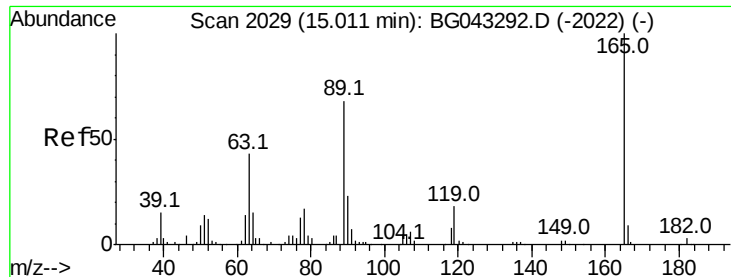
#51
2,6-Dinitrotoluene
Concen: 7.884 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.42 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

Tgt Ion:165 Resp: 10356
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 2.4 39.8 59.8#



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

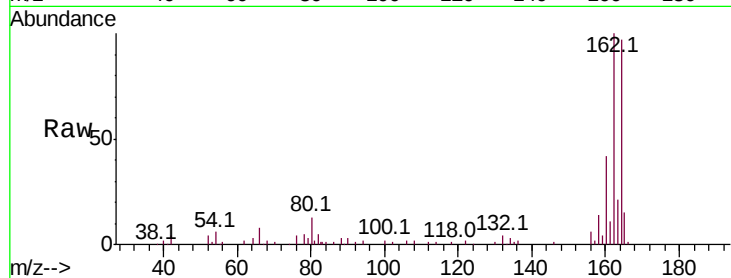




#57
 2,4-Dinitrotoluene
 Concen: 5.516 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.38 min
 Lab File: BG043701.D
 Acq: 19 Nov 2019 16:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	2.4	50.9	76.3#
182	0.0	2.3	3.5#



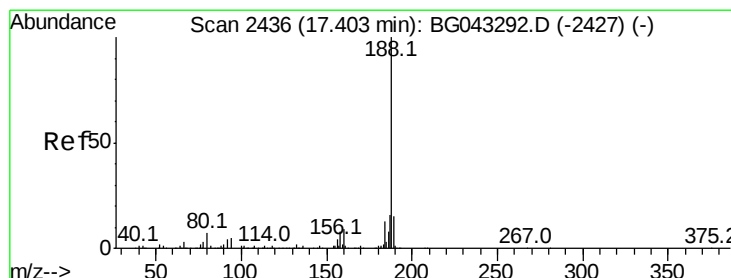
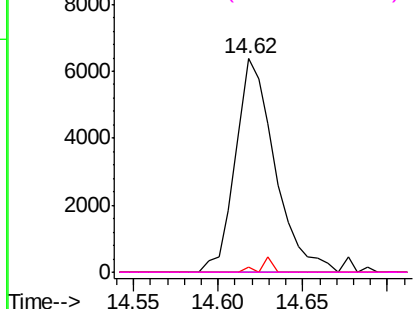
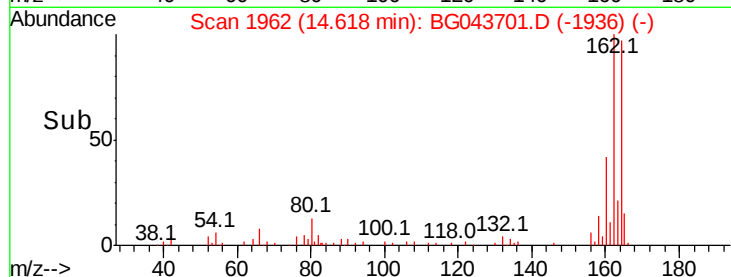
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

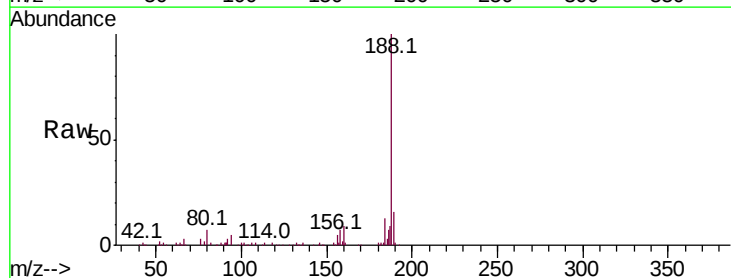
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BG043701.D
 Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.6	7.0
80	6.9	5.2	7.8

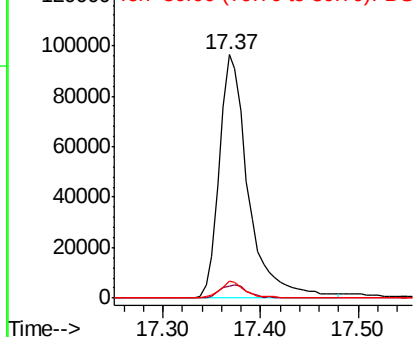
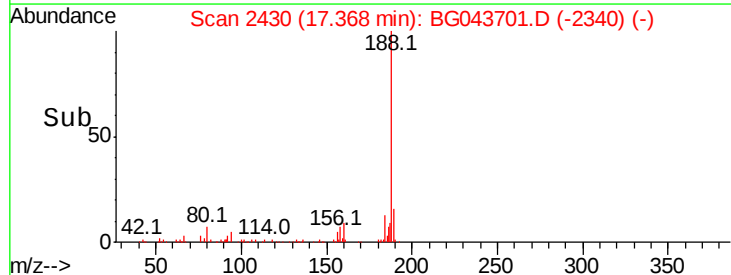


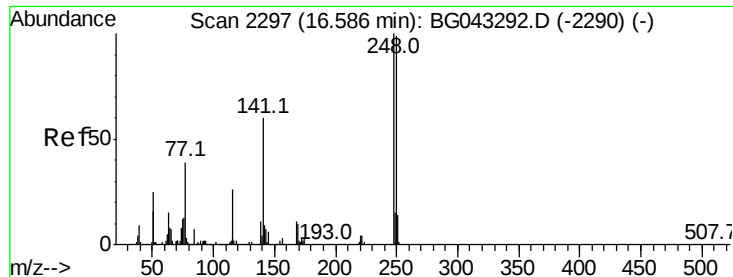
Abundance

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

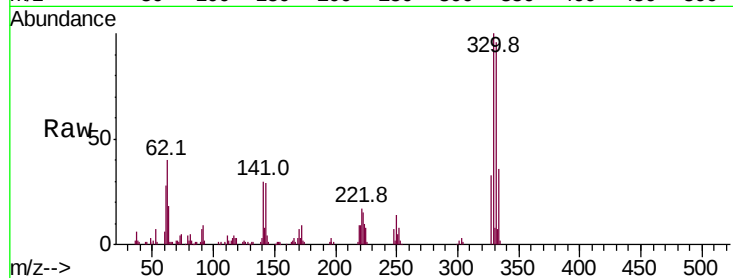




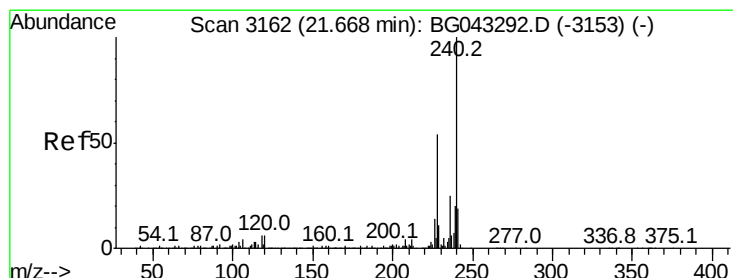
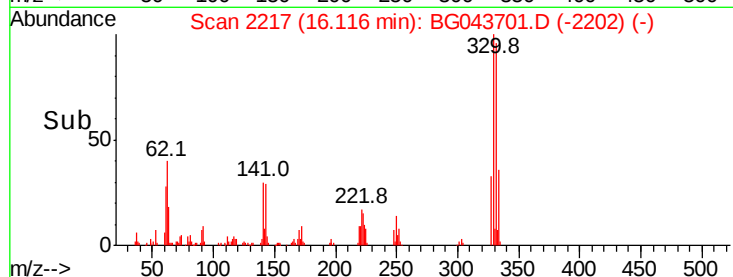
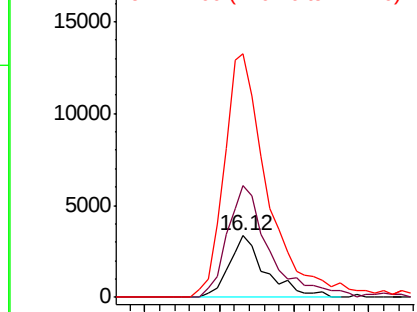
#67
4-Bromophenyl-phenylether
Concen: 2.154 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.44 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	182.5	76.3	114.5#
141	397.3	49.5	74.3#

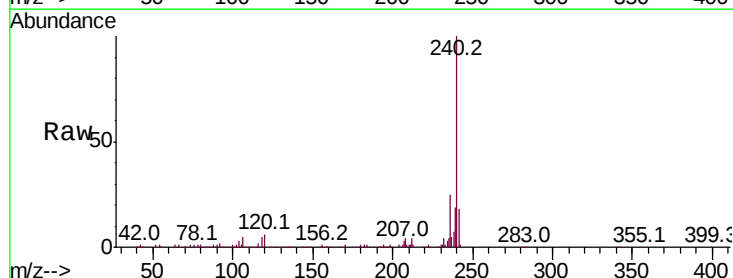


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

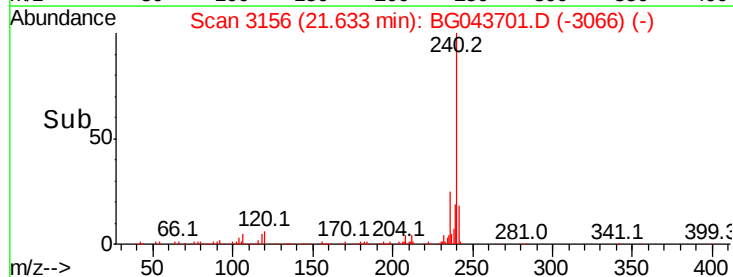
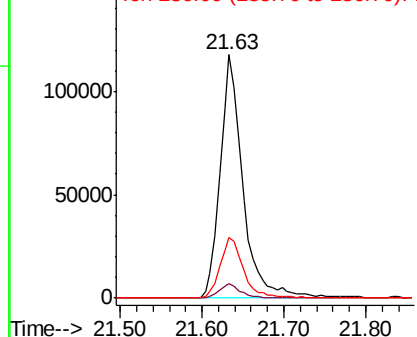


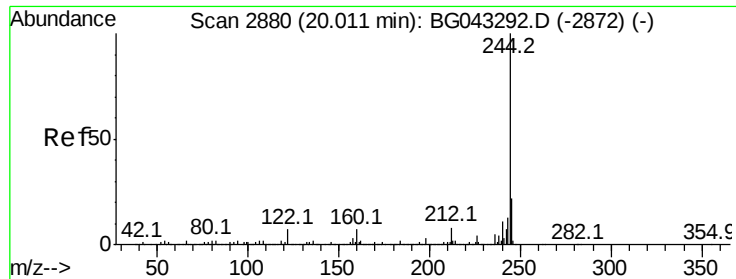
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.9	7.3
236	25.1	21.4	32.0



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: 54.846 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

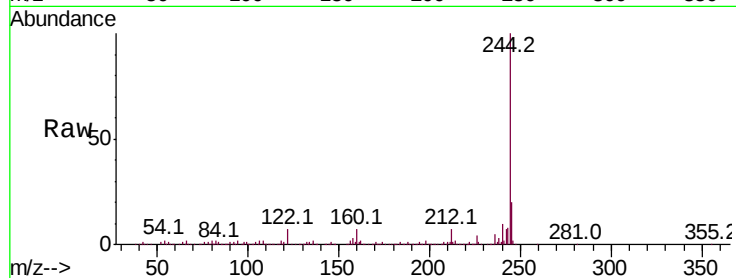
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 667066

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	6.7	5.2	7.8

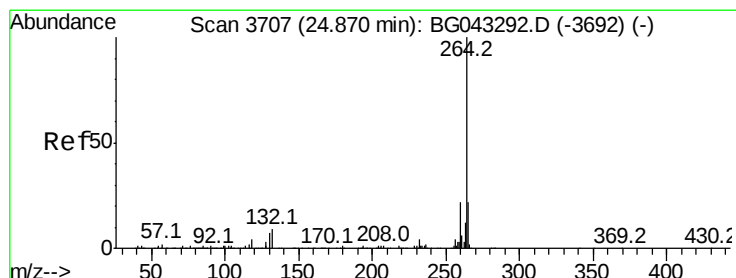
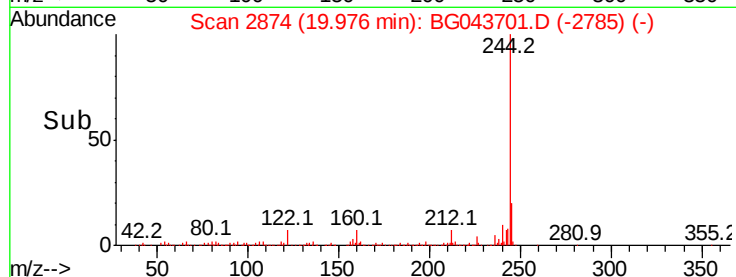
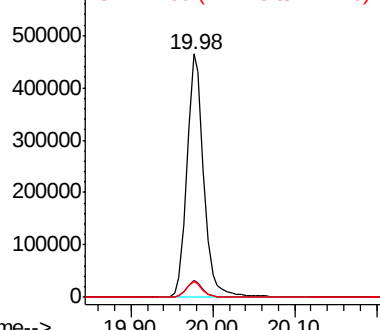


Abundance

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: 24.81 min Scan# 3696

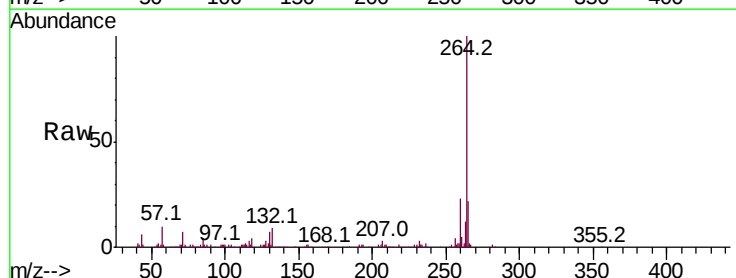
Delta R.T. -0.01 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

Tgt Ion:264 Resp: 259521

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.9	15.8	23.8



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

