

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043706.D
 Acq On : 19 Nov 2019 20:13
 Operator : JU
 Sample : K5864-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 02:48:59 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

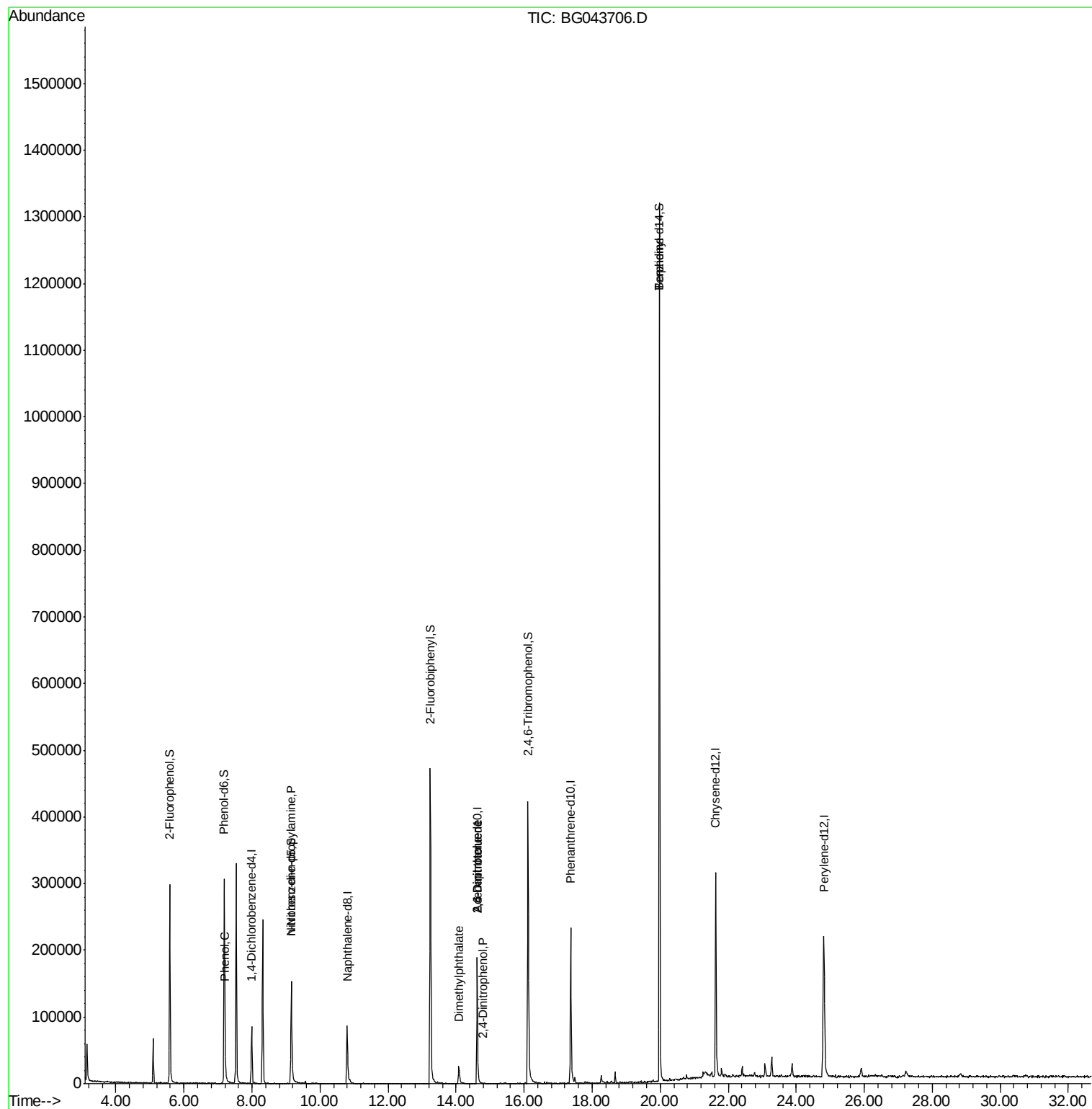
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26699	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	93253	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	77317	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	194685	20.00	ng	0.00
76) Chrysene-d12	21.63	240	225886	20.00	ng	0.00
87) Perylene-d12	24.81	264	261425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	140140	96.18	ng	0.00
7) Phenol-d6	7.18	99	199121	94.99	ng	0.00
23) Nitrobenzene-d5	9.15	82	119871	66.27	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	117034	79.54	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	321515	57.46	ng	0.00
79) Terphenyl-d14	19.98	244	746797	62.02	ng	0.00
Target Compounds						
10) Phenol	7.21	94	10690	5.581	ng	85
19) n-Nitroso-di-n-propylamine	9.15	70	16273	12.013	ng	# 68
50) Dimethylphthalate	14.08	163	30154	5.035	ng	96
51) 2,6-Dinitrotoluene	14.62	165	10300	7.917	ng	# 25
54) 2,4-Dinitrophenol	14.80	184	56	7.345	ng	# 13
57) 2,4-Dinitrotoluene	14.62	165	10300	5.540	ng	# 25
77) Benzidine	19.98	184	10959	2.411	ng	# 92

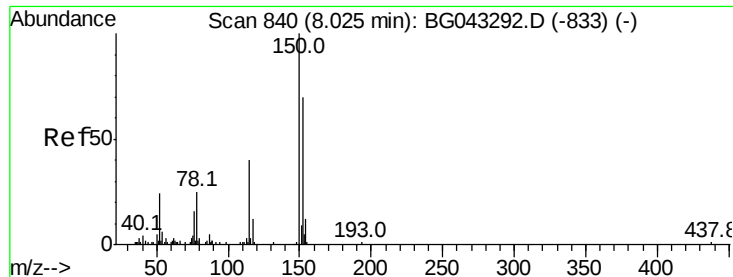
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043706.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 20 02:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
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Response via : Initial Calibration



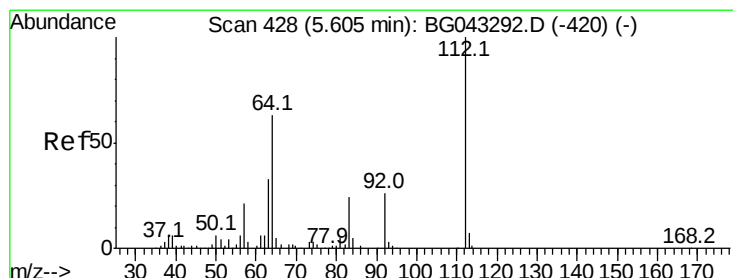
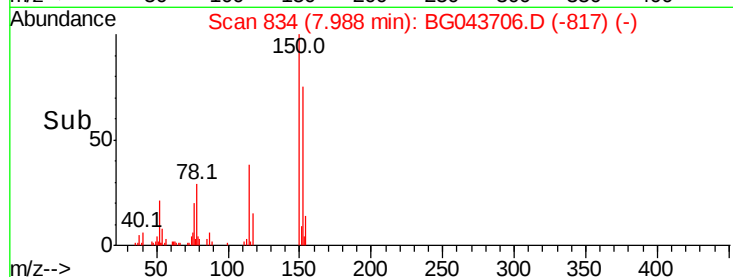
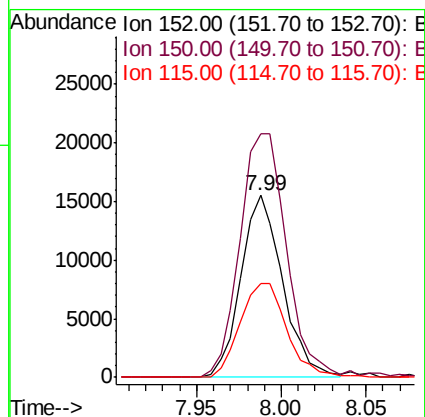
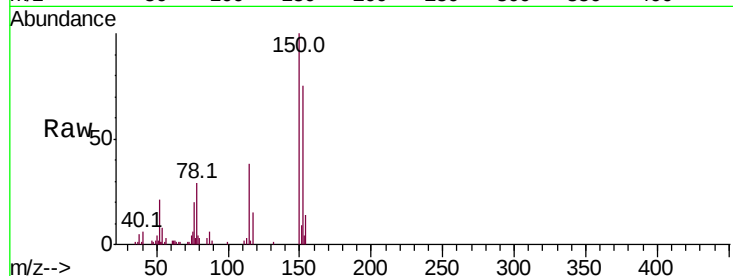


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Instrument :
BNA_G
ClientSampled :

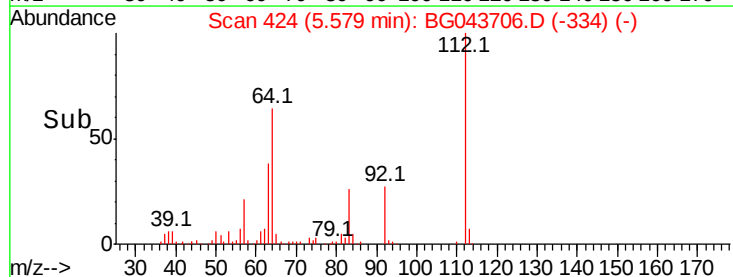
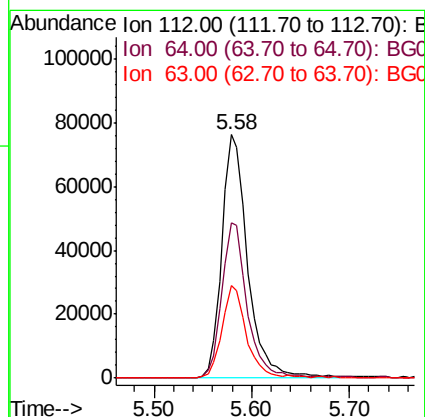
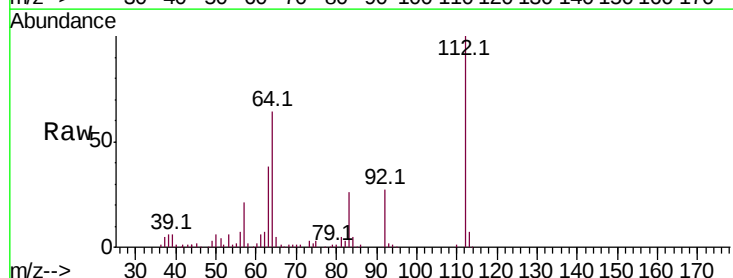
Tot Ion:152 Resp: 26699
Ion Ratio Lower Upper
152 100
150 133.8 116.6 175.0
115 51.3 40.5 60.7

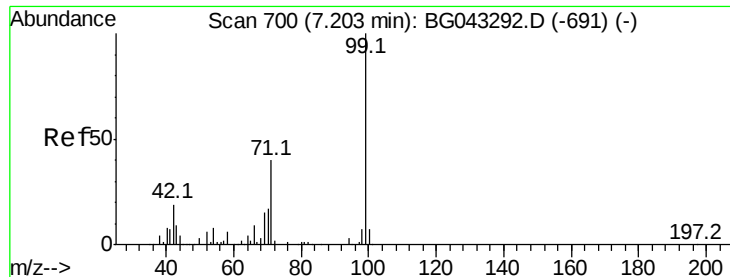


#5

2-Fluorophenol
Concen: 96.183 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Tgt Ion:112 Resp: 140140
Ion Ratio Lower Upper
112 100
64 63.6 50.6 75.8
63 37.9 30.5 45.7





#7

Phenol-d6

Concen: 94.987 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

Instrument :

BNA_G

ClientSampleId :

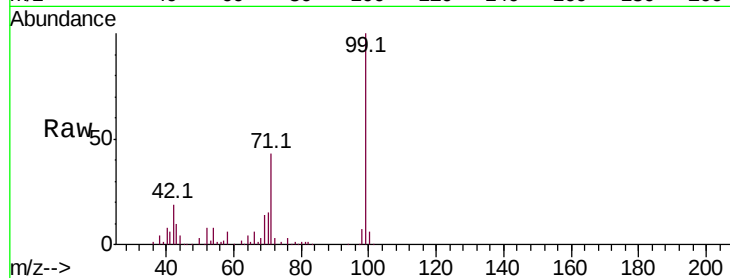
Tot Ion: 99 Resp: 199121

Ion Ratio Lower Upper

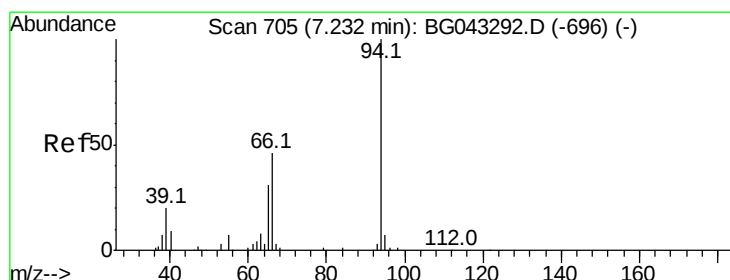
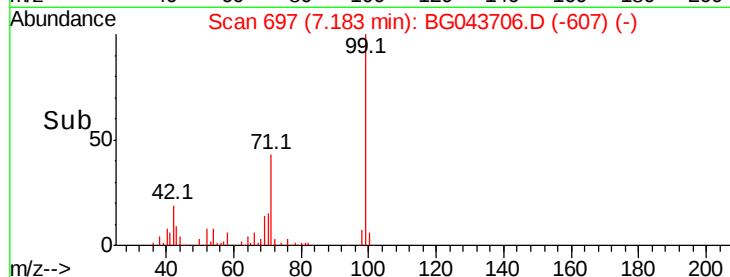
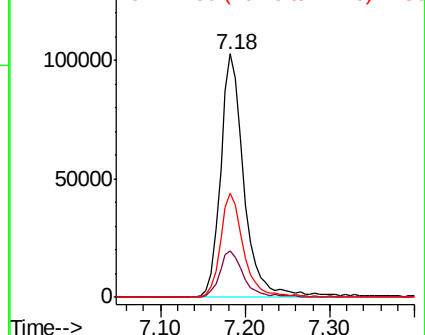
99 100

42 19.2 15.8 23.8

71 42.8 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: 5.581 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

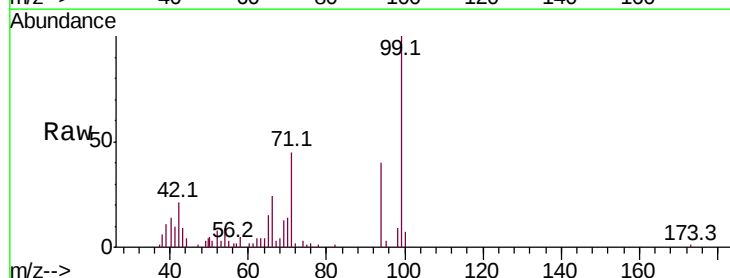
Tgt Ion: 94 Resp: 10690

Ion Ratio Lower Upper

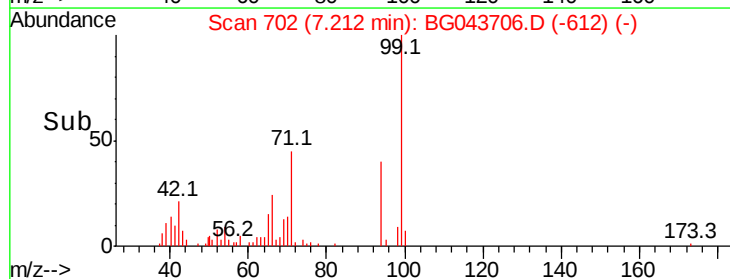
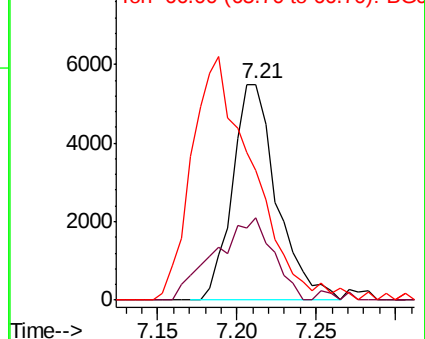
94 100

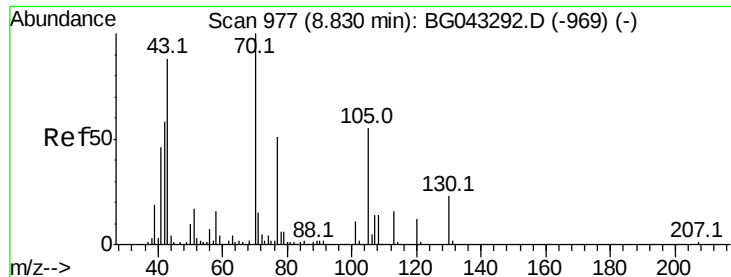
65 38.1 11.4 51.4

66 59.9 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

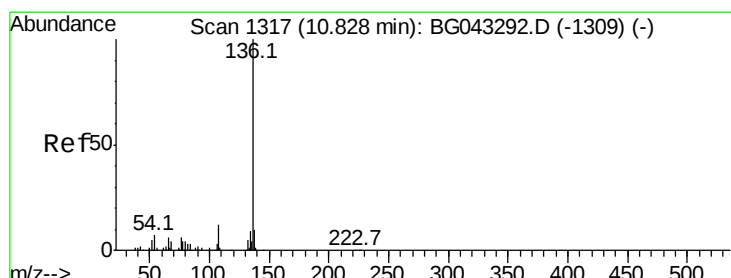
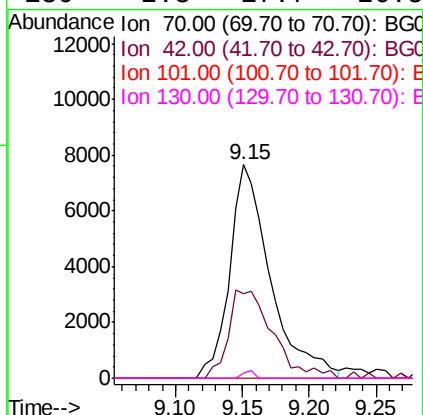
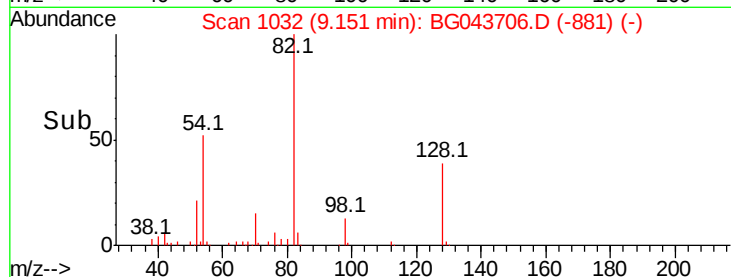
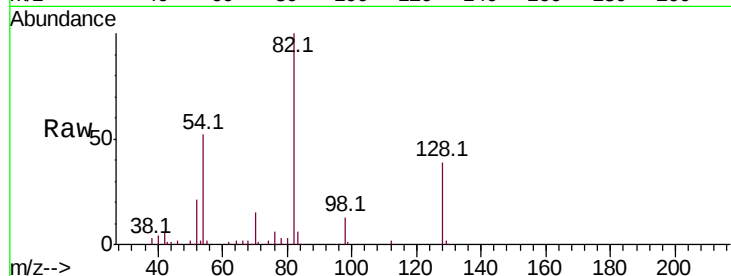




#19
n-Nitroso-di-n-propylamine
Concen: 12.013 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.36 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

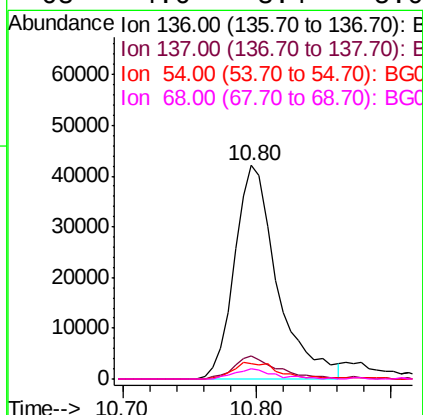
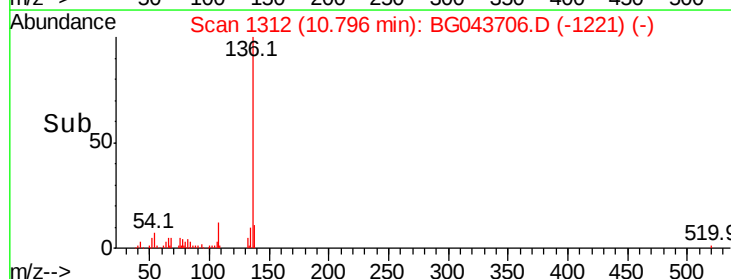
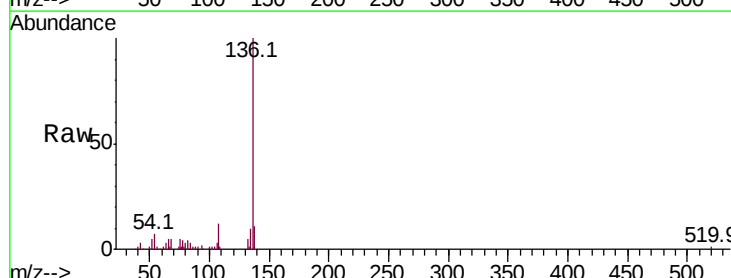
Instrument :
BNA_G
ClientSampleId :

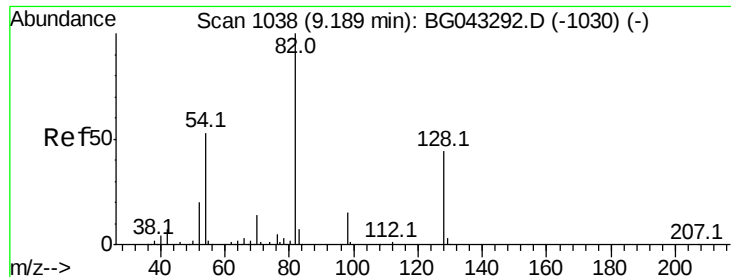
Tot Ion: 70 Resp: 16273
Ion Ratio Lower Upper
70 100
42 39.7 49.7 74.5#
101 0.0 9.7 14.5#
130 2.3 17.7 26.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Tgt Ion: 136 Resp: 93253
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.3 6.2 9.2
68 4.6 3.4 5.0

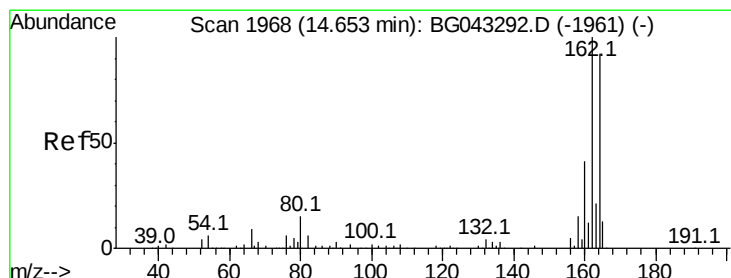
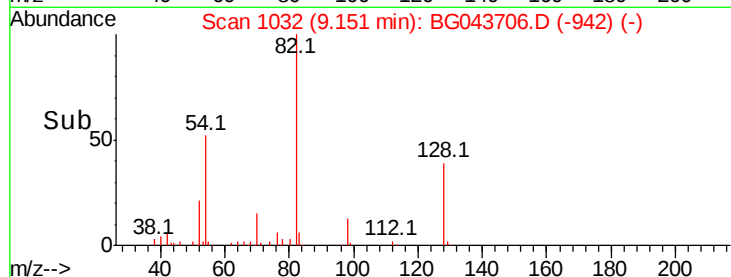
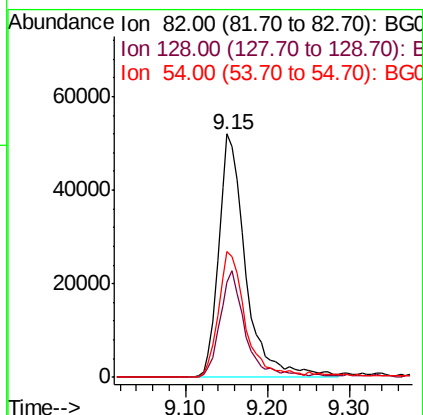
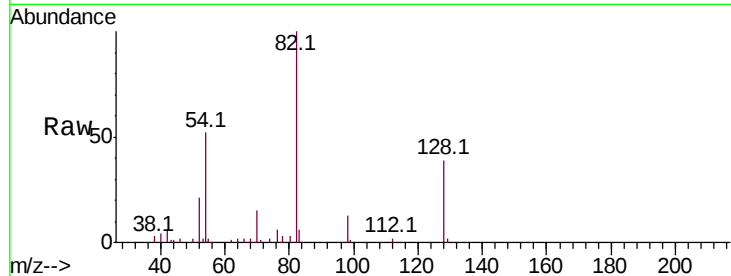




#23
 Nitrobenzene-d5
 Concen: 66.270 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043706.D
 Acq: 19 Nov 2019 20:13

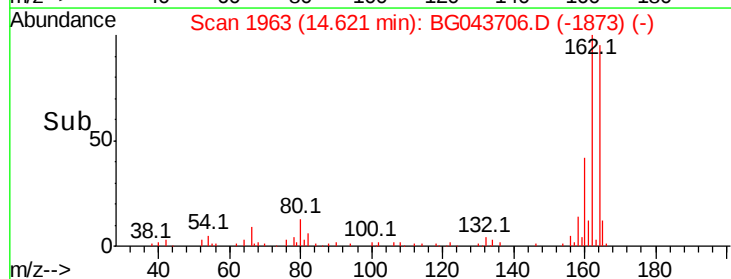
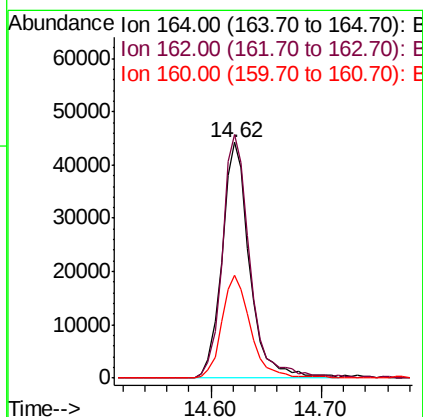
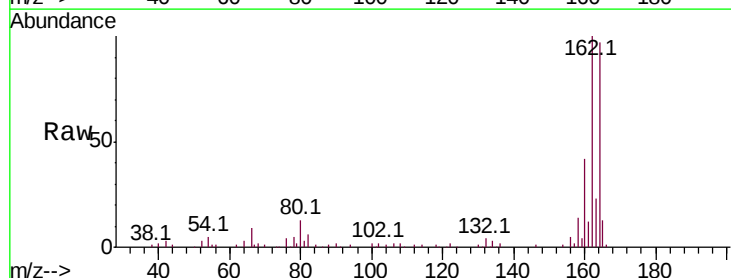
Instrument :
 BNA_G
 ClientSampleId :

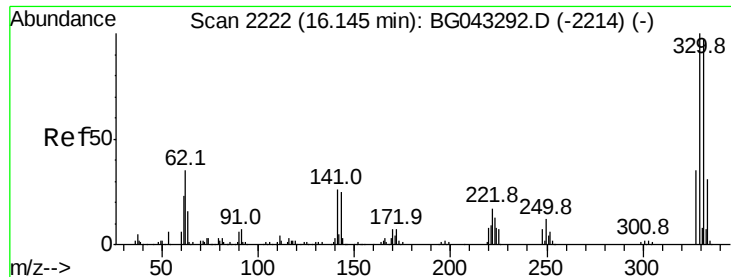
Tot Ion: 82 Resp: 119871
 Ion Ratio Lower Upper
 82 100
 128 39.1 34.2 51.4
 54 51.7 44.7 67.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG043706.D
 Acq: 19 Nov 2019 20:13

Tgt Ion: 164 Resp: 77317
 Ion Ratio Lower Upper
 164 100
 162 103.3 79.4 119.2
 160 43.7 36.3 54.5

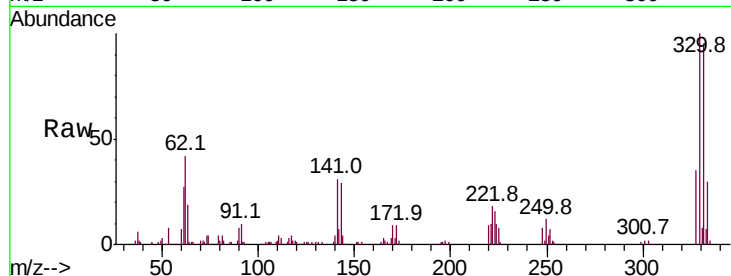




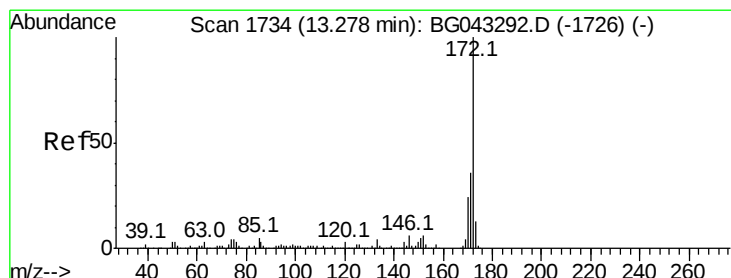
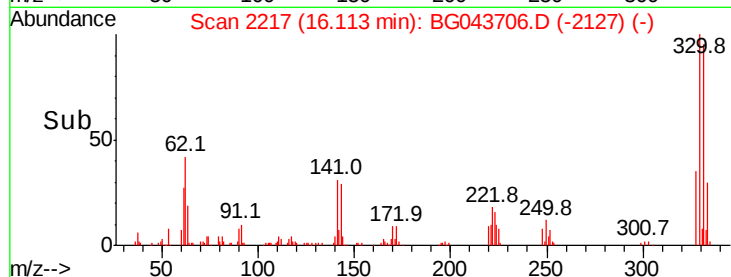
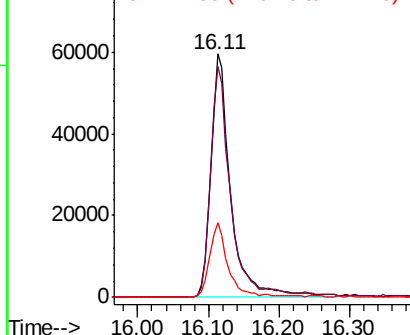
#42
 2,4,6-Tribromophenol
 Concen: 79.542 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043706.D
 Acq: 19 Nov 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.3	76.6	115.0
141	28.1	23.4	35.2

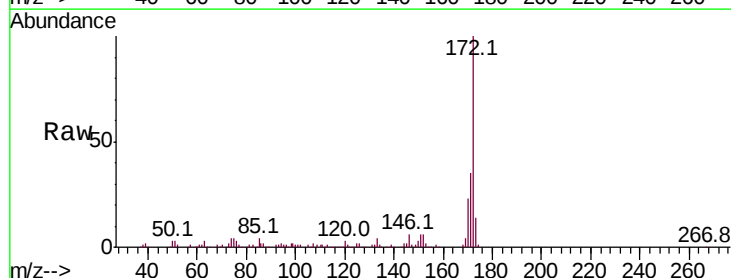


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

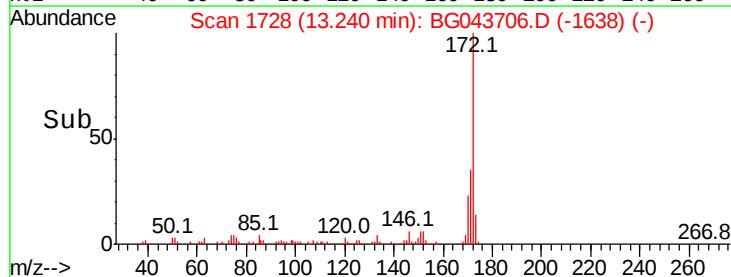
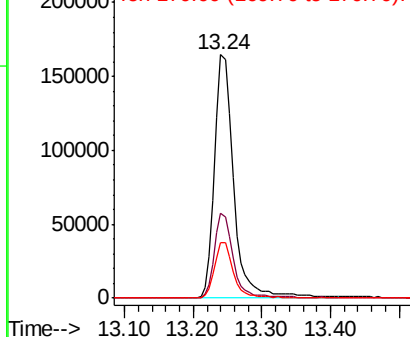


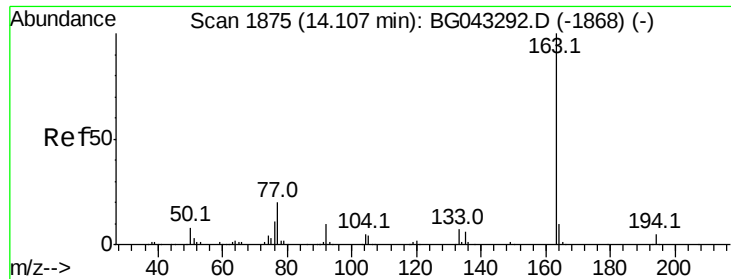
#45
 2-Fluorobiphenyl
 Concen: 57.461 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043706.D
 Acq: 19 Nov 2019 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	22.7	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

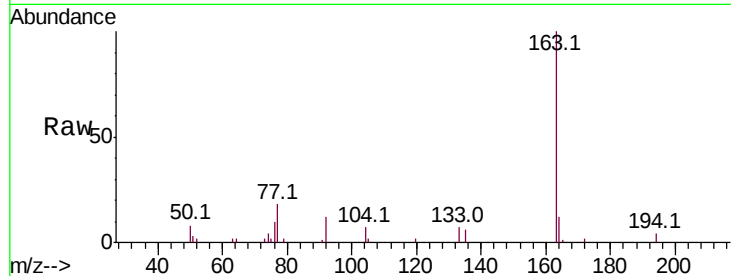




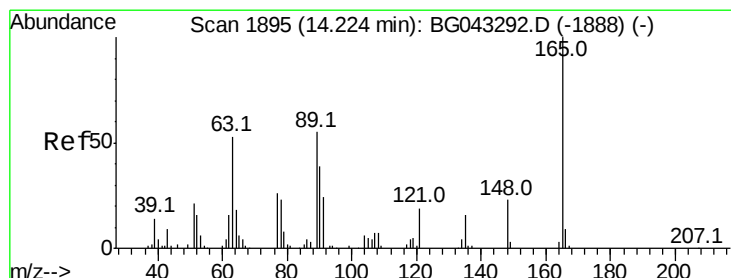
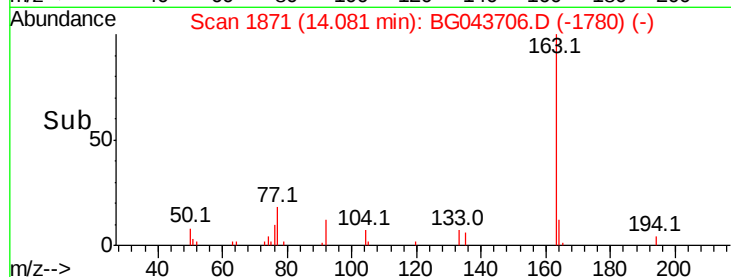
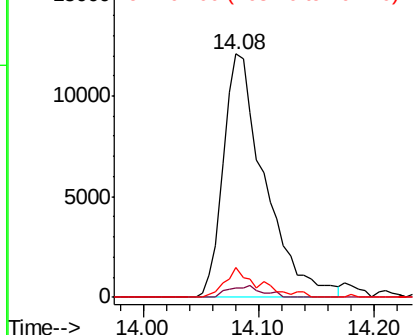
#50
Dimethylphthalate
Concen: 5.035 ng
RT: 14.08 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 30154
Ion Ratio Lower Upper
163 100
194 3.9 3.8 5.8
164 12.1 8.5 12.7

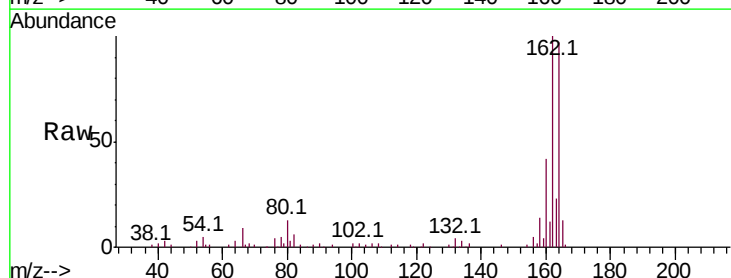


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

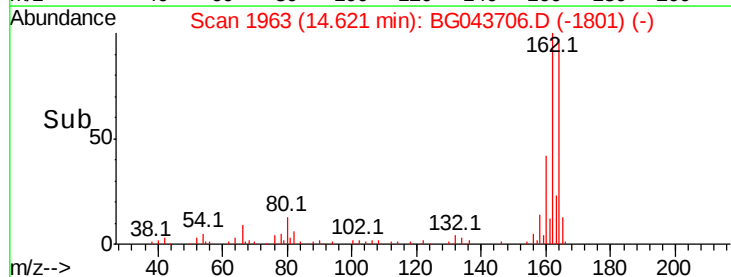
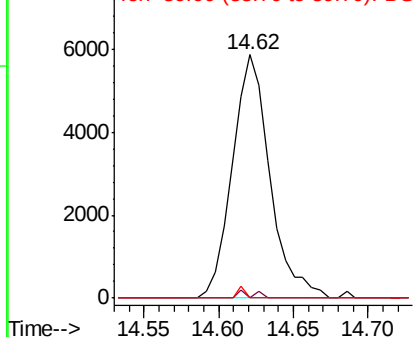


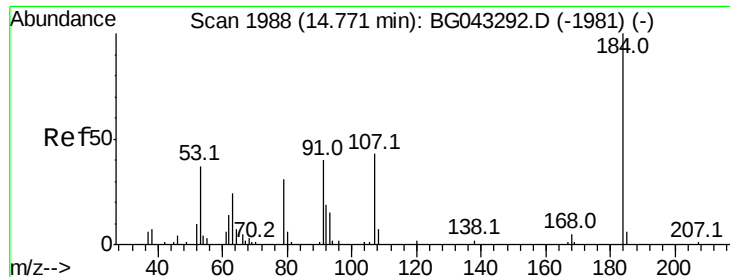
#51
2,6-Dinitrotoluene
Concen: 7.917 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.42 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Tgt Ion:165 Resp: 10300
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 0.0 39.8 59.8#



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

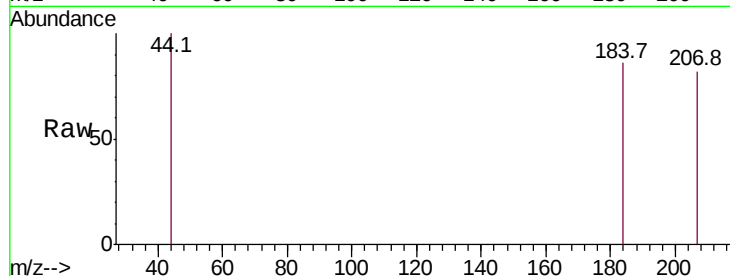




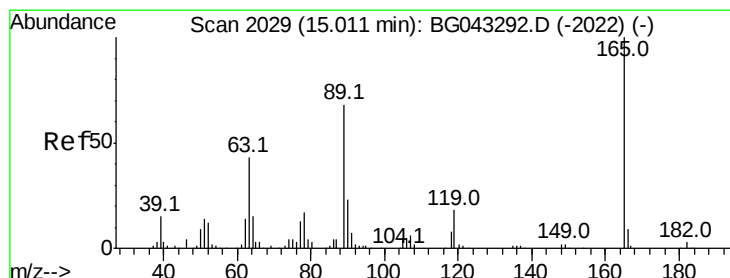
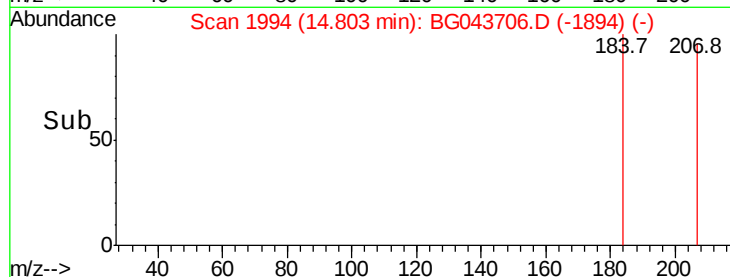
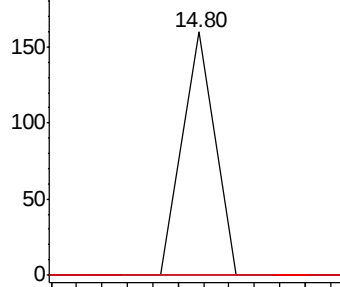
#54
2,4-Dinitrophenol
Concen: 7.345 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.06 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 59.0 88.4#
154 0.0 57.4 86.2#

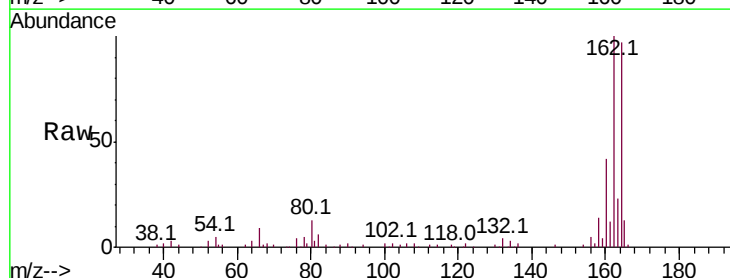


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

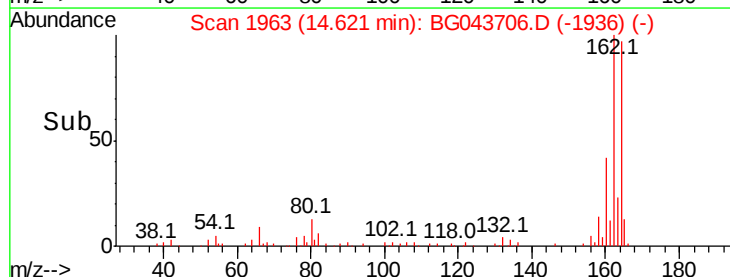
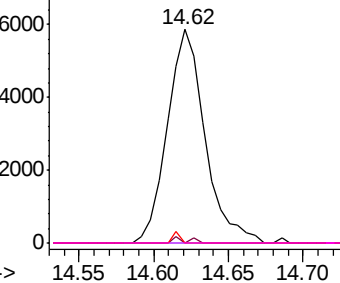


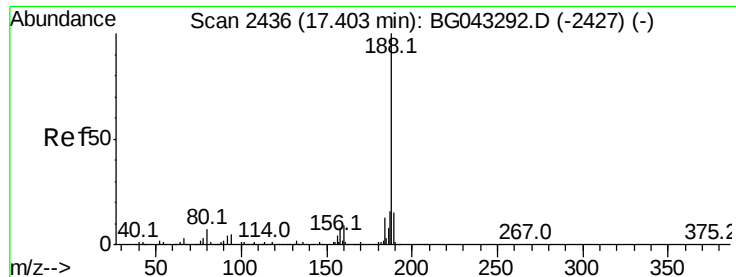
#57
2,4-Dinitrotoluene
Concen: 5.540 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.37 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Tgt Ion:165 Resp: 10300
Ion Ratio Lower Upper
165 100
63 0.0 37.4 56.0#
89 0.0 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): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

Instrument :

BNA_G

ClientSampled :

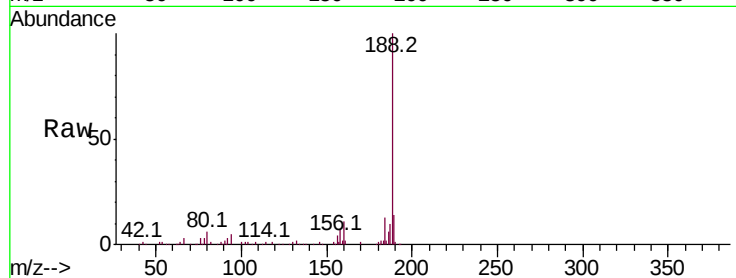
Tot Ion:188 Resp: 194685

Ion Ratio Lower Upper

188 100

94 5.1 4.6 7.0

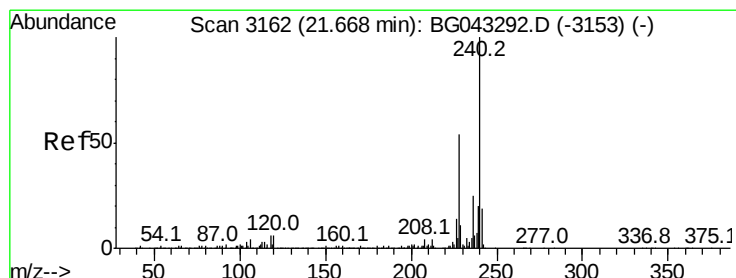
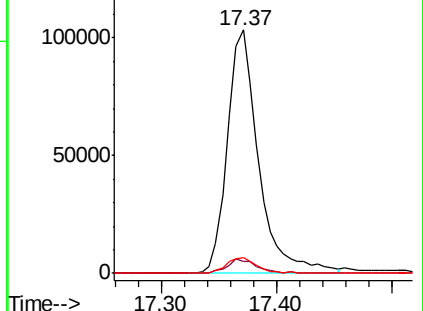
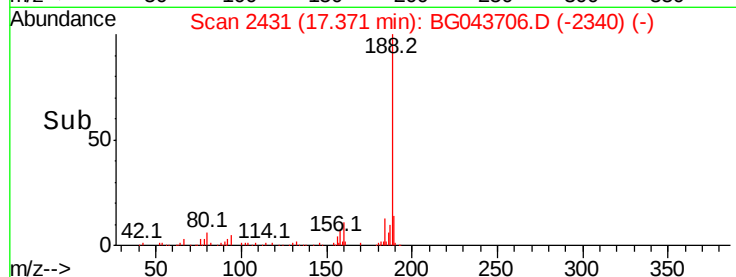
80 6.5 5.2 7.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

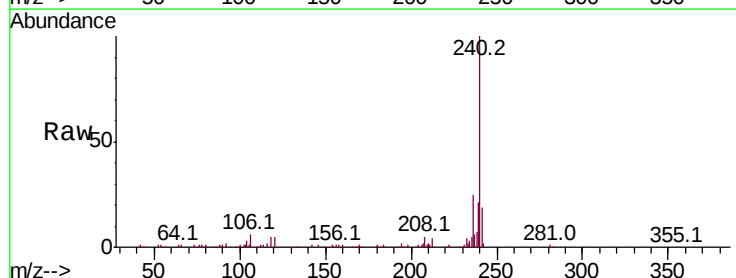
Tgt Ion:240 Resp: 225886

Ion Ratio Lower Upper

240 100

120 5.3 4.9 7.3

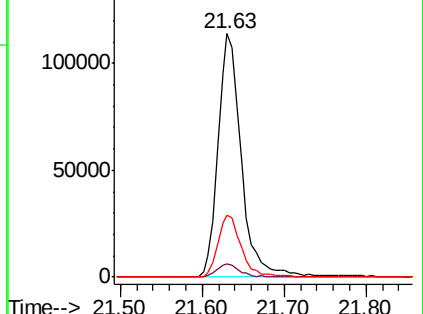
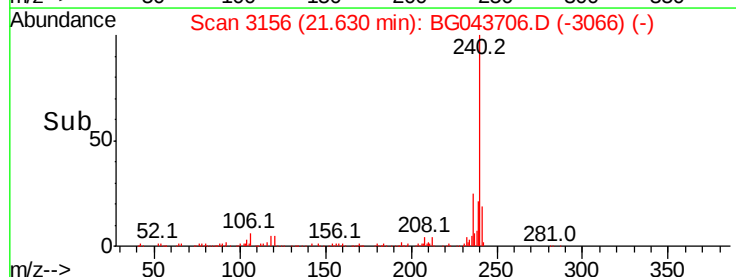
236 25.2 21.4 32.0

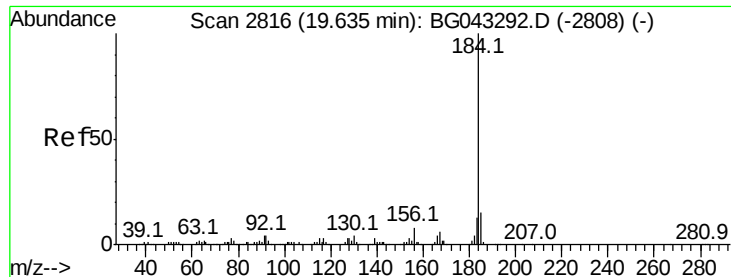


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.411 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.37 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

Instrument :

BNA_G

ClientSampleId :

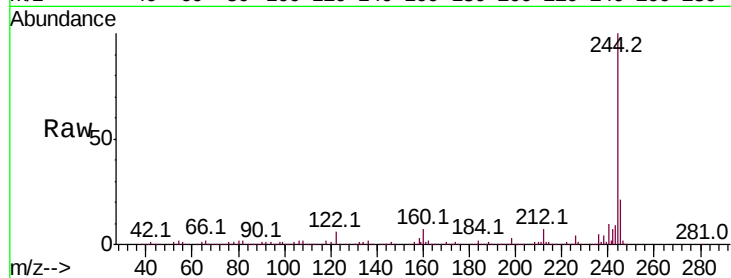
Tot Ion:184 Resp: 10959

Ion Ratio Lower Upper

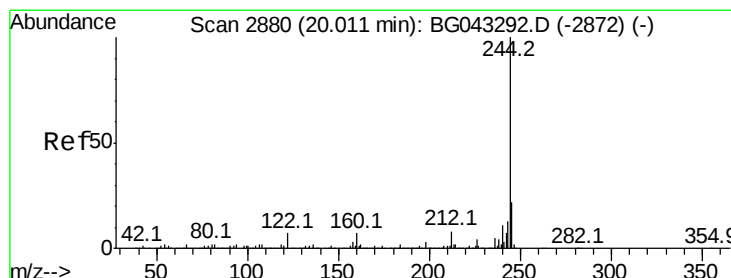
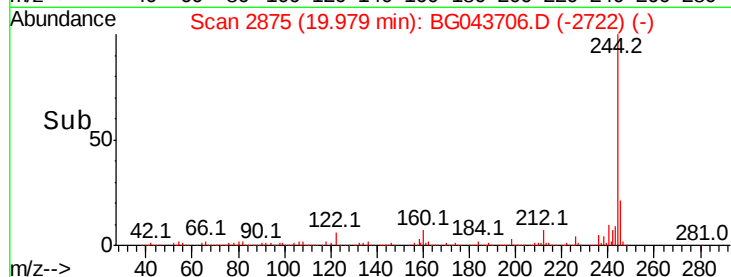
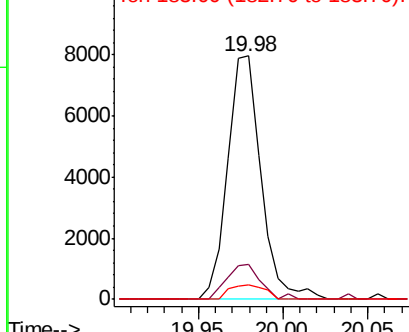
184 100

185 14.5 12.7 19.1

183 5.7 8.8 13.2#



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: 62.024 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

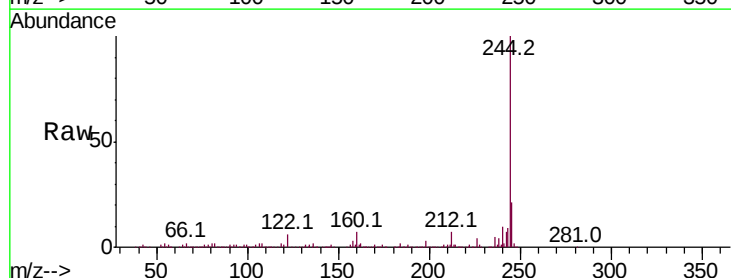
Tgt Ion:244 Resp: 746797

Ion Ratio Lower Upper

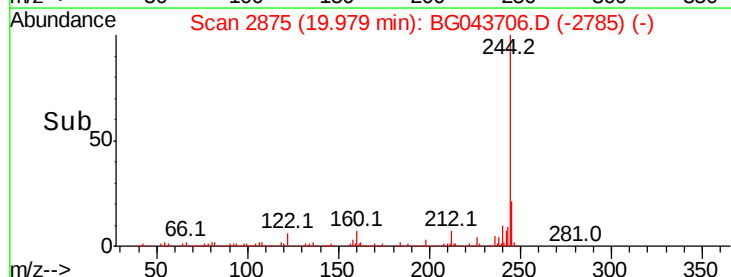
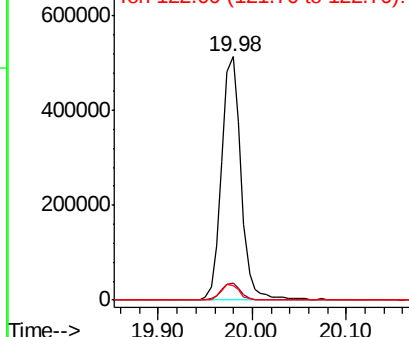
244 100

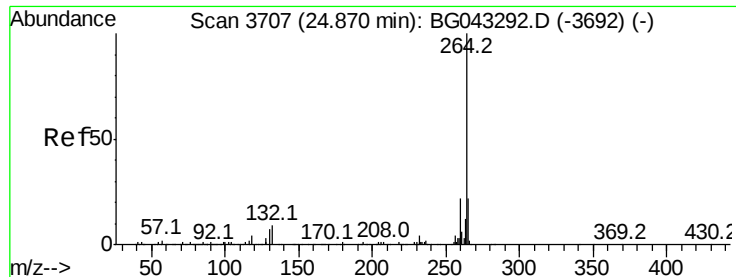
212 7.2 5.6 8.4

122 6.1 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: BG043706.D
 Acq: 19 Nov 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.7	15.8	23.8

