

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043740.D
 Acq On : 20 Nov 2019 23:02
 Operator : JU
 Sample : K5904-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 00:37:34 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	7.98	152	30668	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	108476	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	83798	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	208902	20.00	ng	0.00
76) Chrysene-d12	21.63	240	208691	20.00	ng	0.00
87) Perylene-d12	24.80	264	243203	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	241078	144.05	ng	0.00
7) Phenol-d6	7.18	99	342250	142.13	ng	0.00
23) Nitrobenzene-d5	9.15	82	206054	97.93	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	195083	122.33	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	529798	87.36	ng	0.00
79) Terphenyl-d14	19.97	244	1012261	91.00	ng	0.00

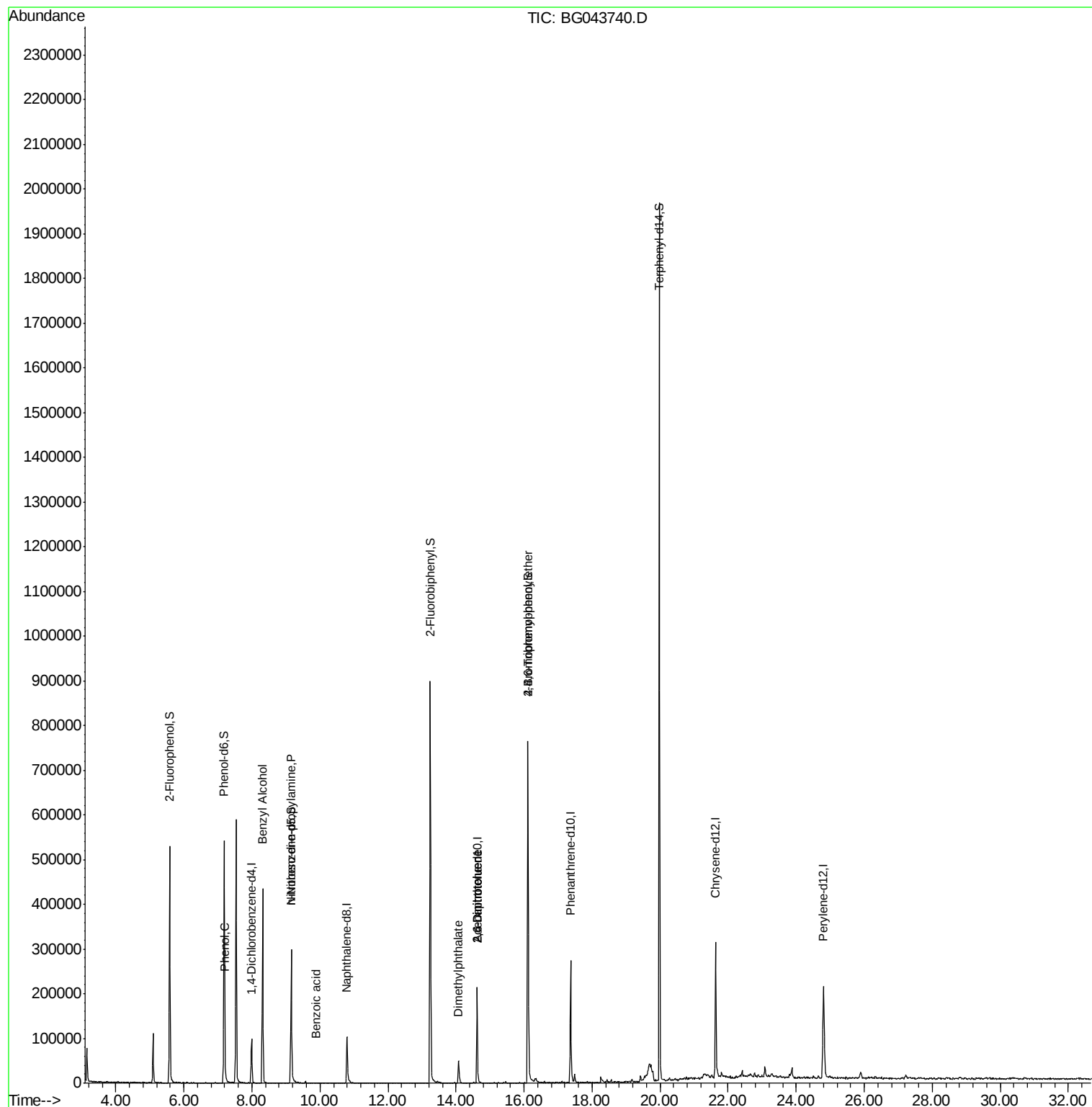
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.21	94	13106	5.956	ng	85
15) Benzyl Alcohol	8.31	79	3869	2.288	ng	# 51
19) n-Nitroso-di-n-propylamine	9.15	70	29330	18.850	ng	# 74
32) Benzoic acid	9.87	122	63	9.097	ng	# 1
50) Dimethylphthalate	14.08	163	47052	7.249	ng	98
51) 2,6-Dinitrotoluene	14.62	165	11419	8.098	ng	# 27
57) 2,4-Dinitrotoluene	14.62	165	11419	5.666	ng	# 27
67) 4-Bromophenyl-phenylether	16.11	248	12995	4.622	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043740.D
Acq On : 20 Nov 2019 23:02
Operator : JU
Sample : K5904-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 21 00:37:34 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



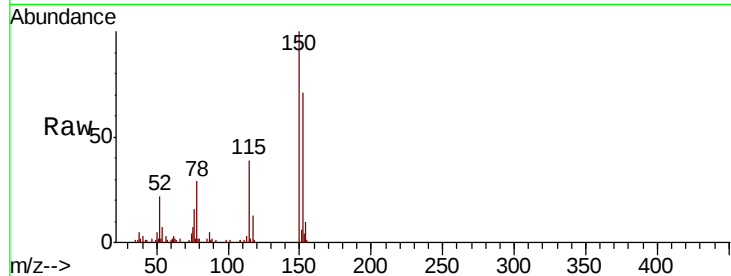


#1

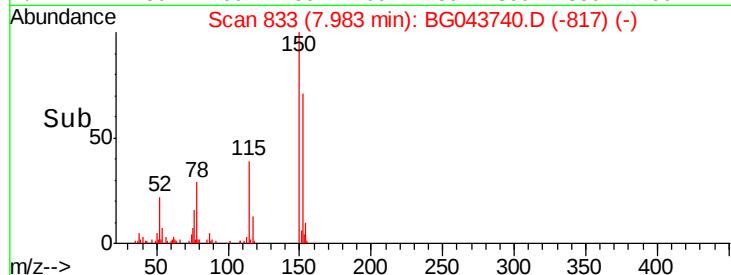
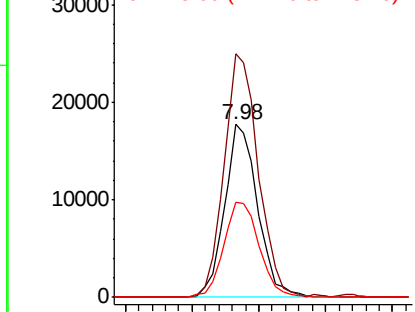
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30668
Ion Ratio Lower Upper
152 100
150 141.0 116.6 175.0
115 55.0 40.5 60.7



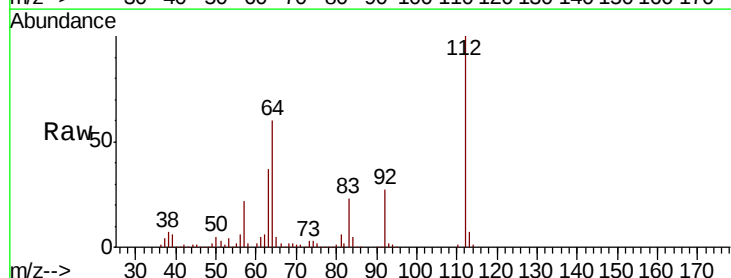
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



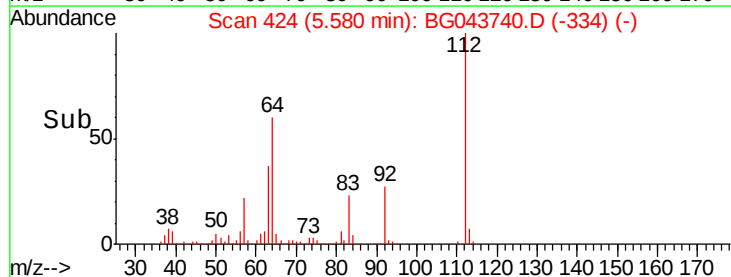
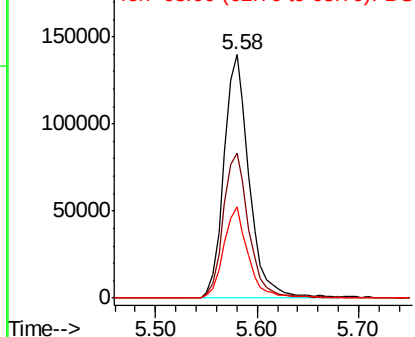
#5

2-Fluorophenol
Concen: 144.047 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Tgt Ion:112 Resp: 241078
Ion Ratio Lower Upper
112 100
64 59.7 50.6 75.8
63 37.3 30.5 45.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.135 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

Instrument :

BNA_G

ClientSampled :

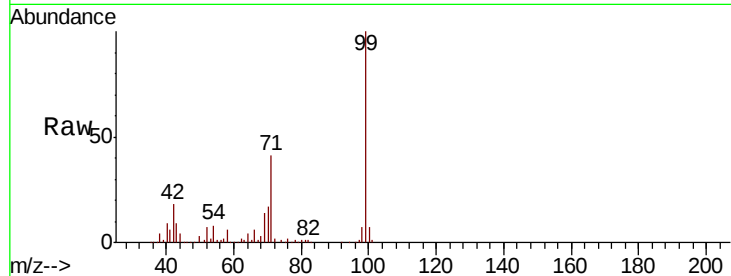
Tot Ion: 99 Resp: 342250

Ion Ratio Lower Upper

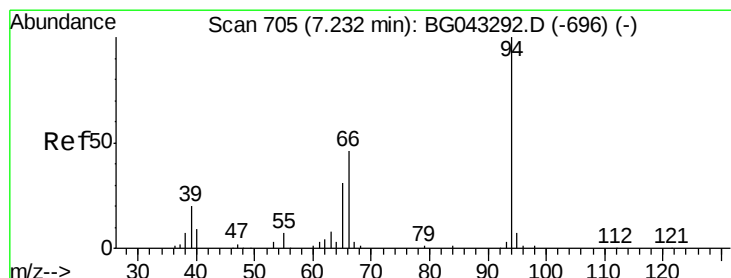
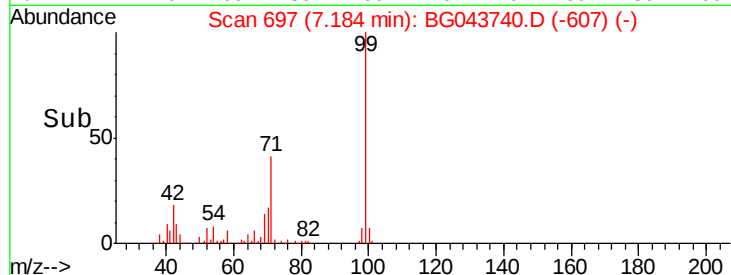
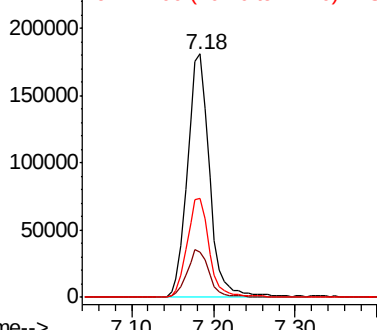
99 100

42 18.4 15.8 23.8

71 40.7 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: 5.956 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

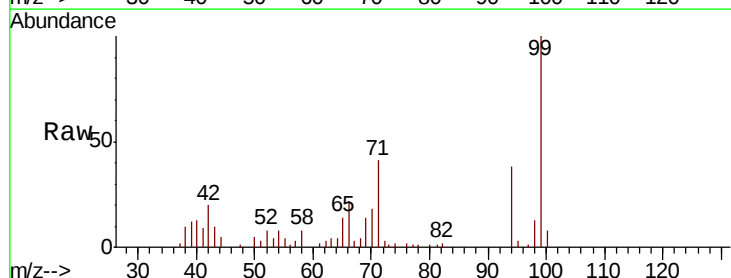
Tgt Ion: 94 Resp: 13106

Ion Ratio Lower Upper

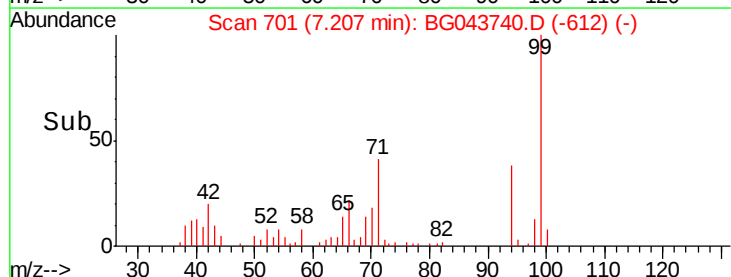
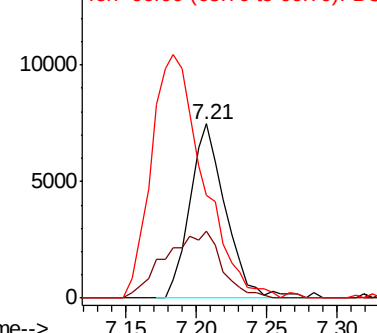
94 100

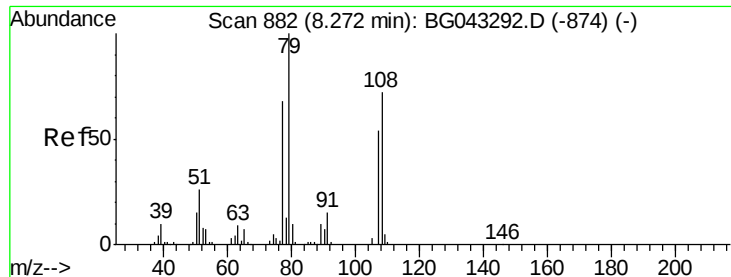
65 38.5 11.4 51.4

66 59.4 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





#15

Benzyl Alcohol

Concen: 2.288 ng

RT: 8.31 min Scan# 888

Delta R.T. 0.07 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

Instrument :

BNA_G

ClientSampleId :

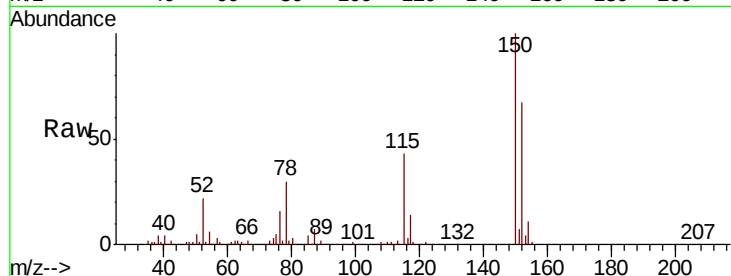
Tot Ion: 79 Resp: 3869

Ion Ratio Lower Upper

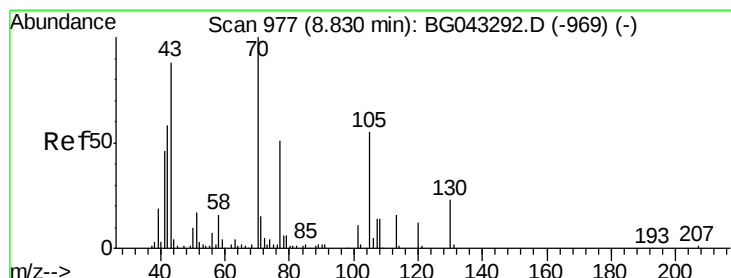
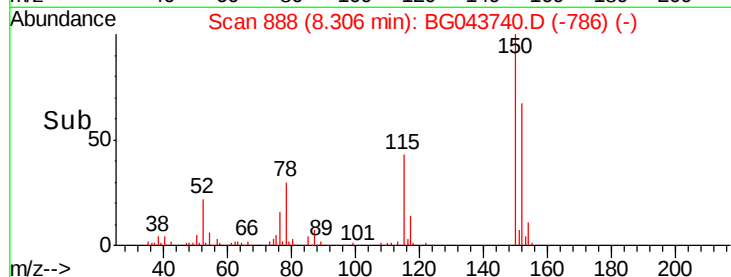
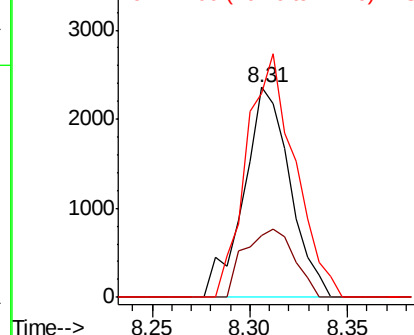
79 100

108 29.6 56.0 84.0#

77 97.3 47.9 71.9#



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: 18.850 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.36 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

Tgt Ion: 70 Resp: 29330

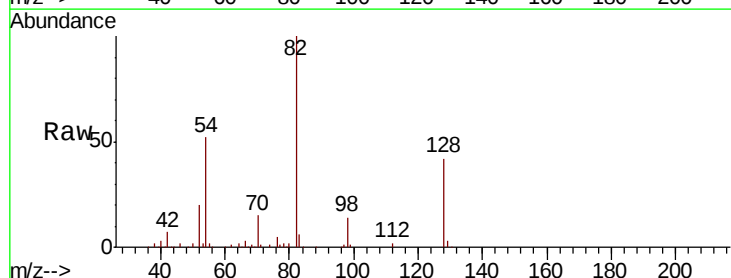
Ion Ratio Lower Upper

70 100

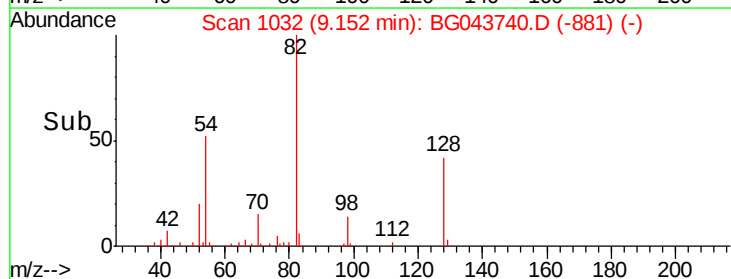
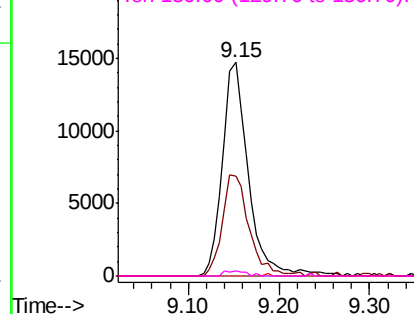
42 46.8 49.7 74.5#

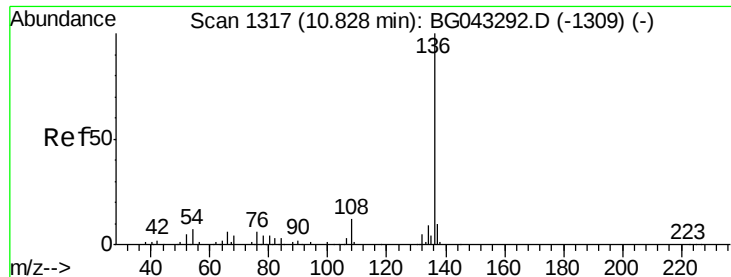
101 0.0 9.7 14.5#

130 2.4 17.7 26.5#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

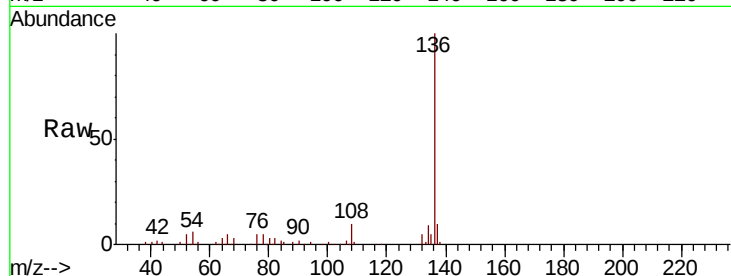




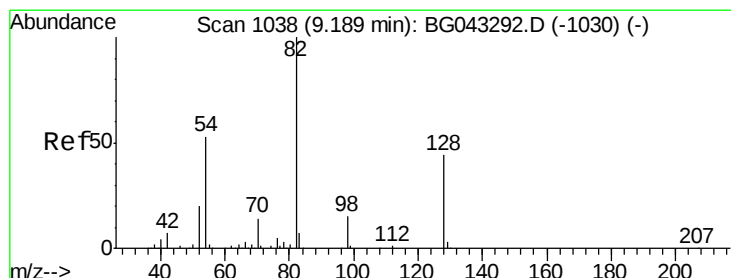
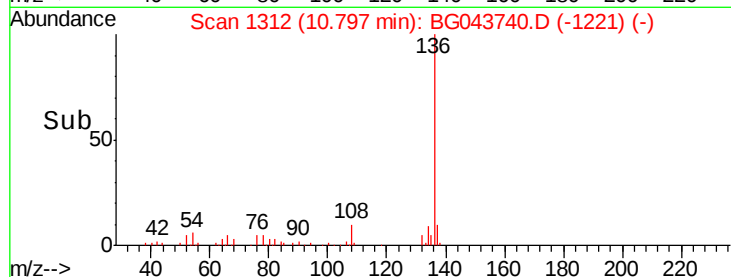
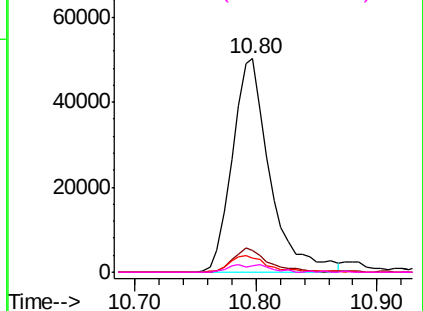
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	108476
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	6.3	6.2 9.2
68	3.2	3.4 5.0

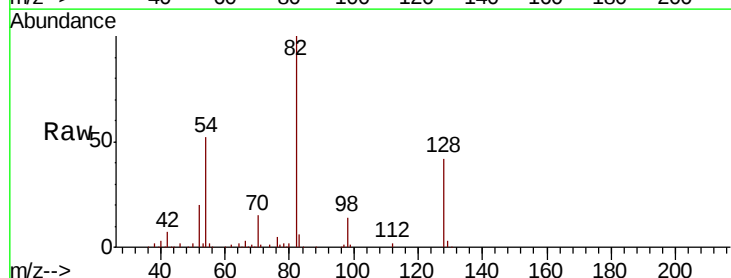


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

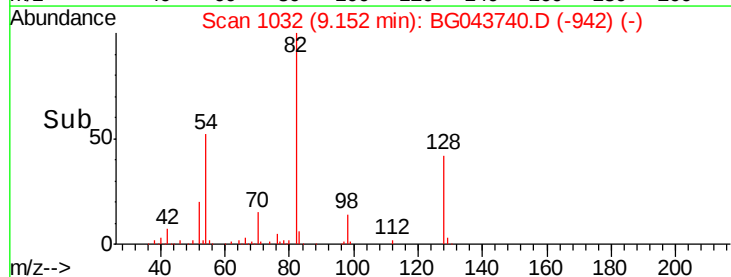
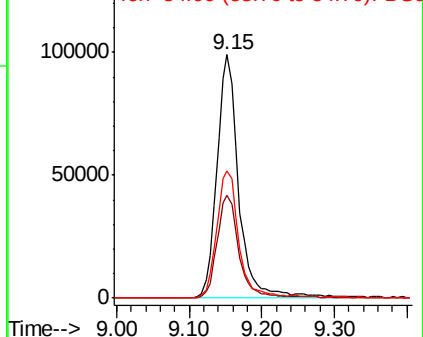


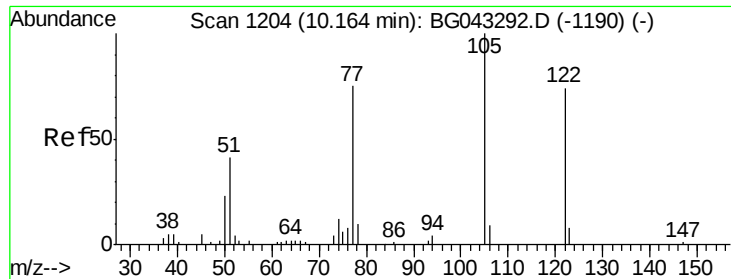
#23
Nitrobenzene-d5
Concen: 97.930 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Tgt Ion: 82	Resp:	206054
Ion	Ratio	Lower Upper
82	100	
128	42.4	34.2 51.4
54	52.1	44.7 67.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

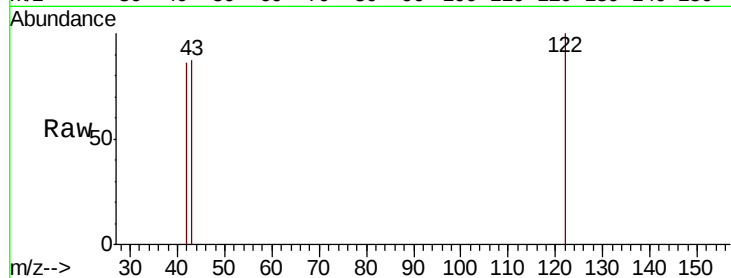




#32
Benzoic acid
Concen: 9.097 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.29 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	86.8	126.8#

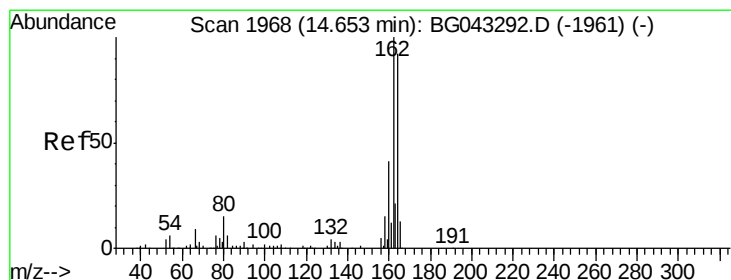
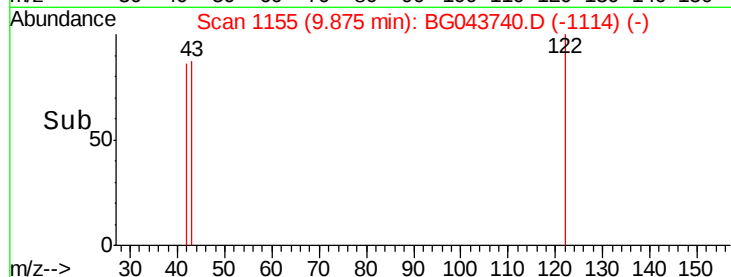
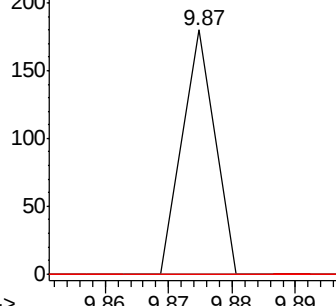


Abundance

Ion 122.00 (121.70 to 122.70): E

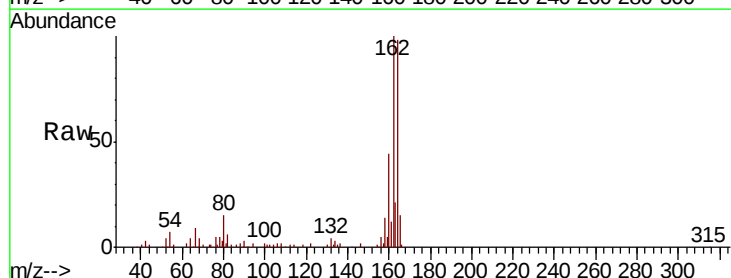
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.4	119.2
160	44.9	36.3	54.5

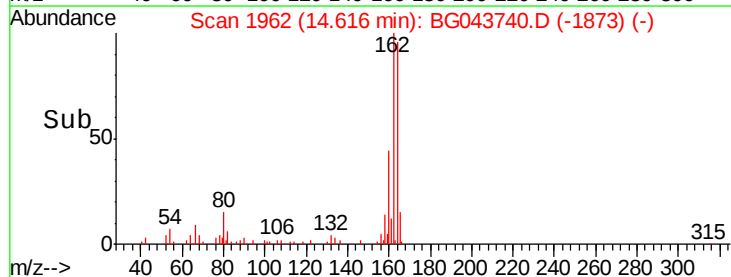
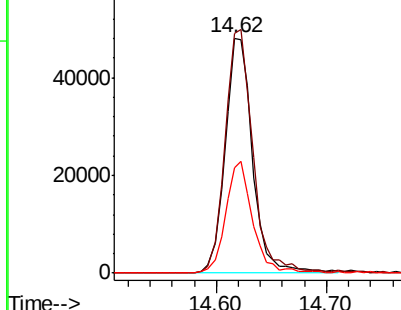


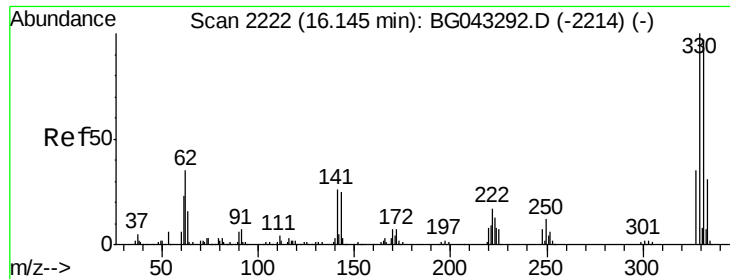
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

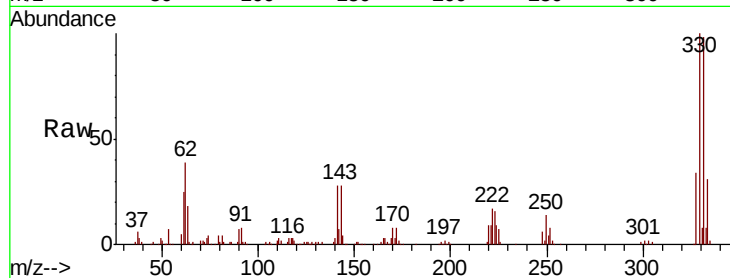




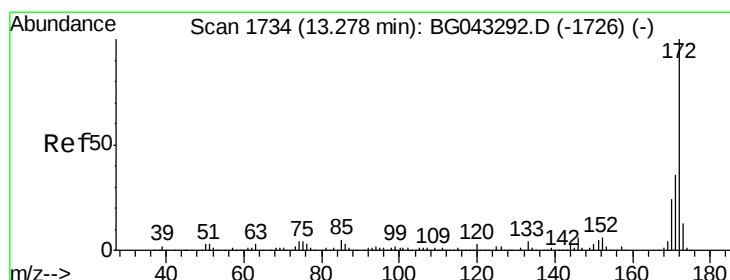
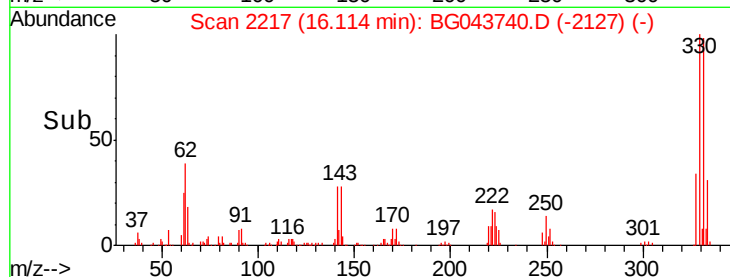
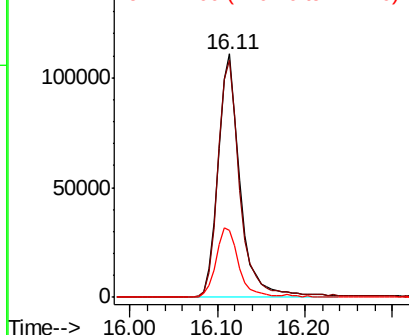
#42
 2,4,6-Tribromophenol
 Concen: 122.334 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043740.D
 Acq: 20 Nov 2019 23:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	29.1	23.4	35.2

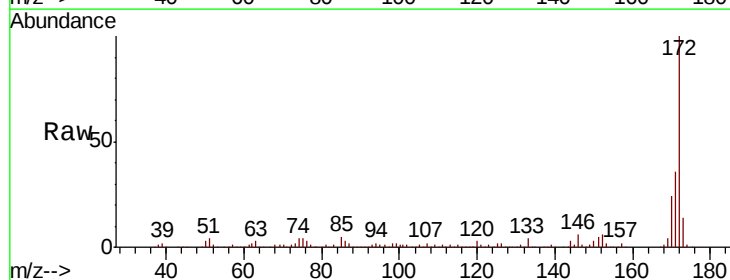


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

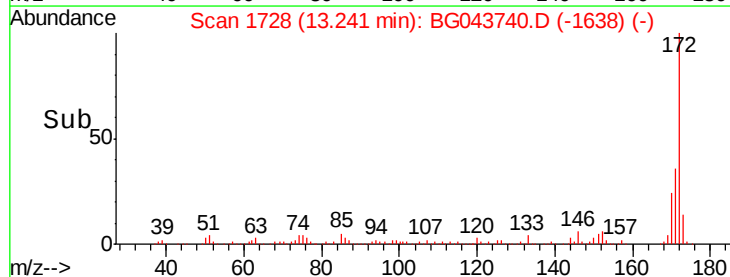
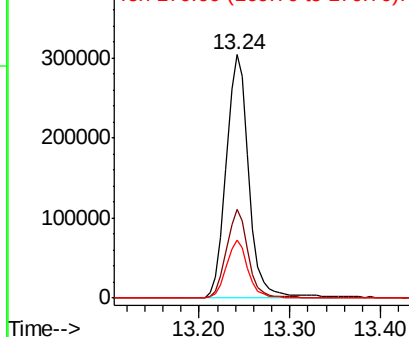


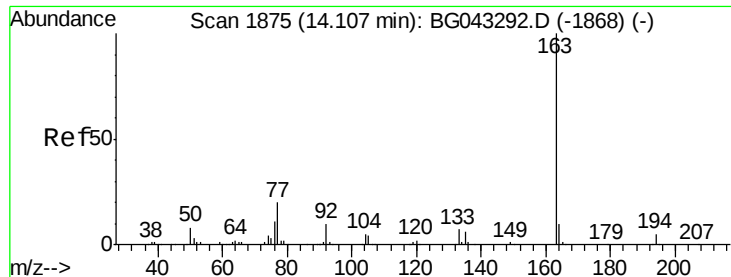
#45
 2-Fluorobiphenyl
 Concen: 87.362 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043740.D
 Acq: 20 Nov 2019 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.1	42.1
170	24.0	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

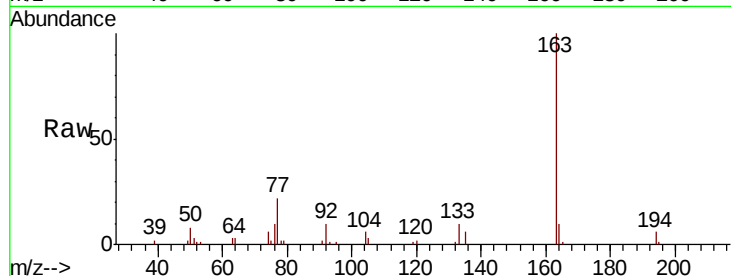




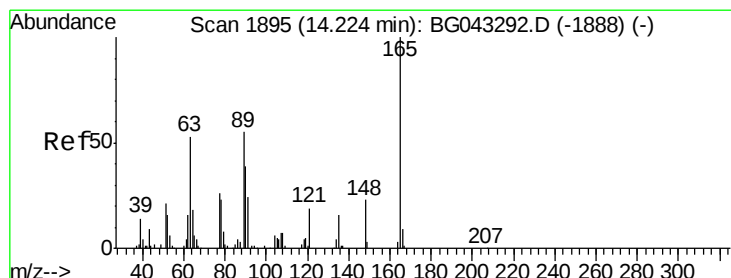
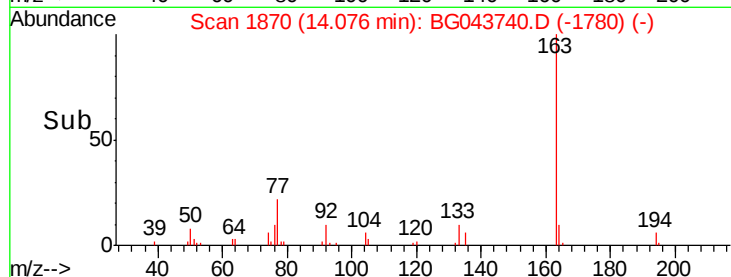
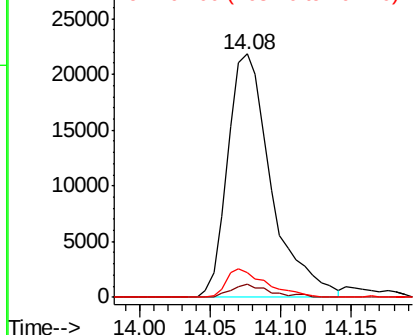
#50
Dimethylphthalate
Concen: 7.249 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 47052
Ion Ratio Lower Upper
163 100
194 5.6 3.8 5.8
164 10.0 8.5 12.7

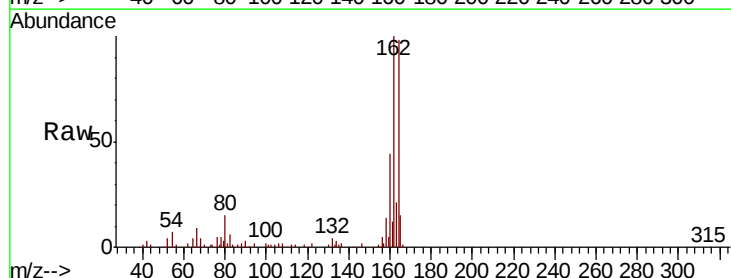


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

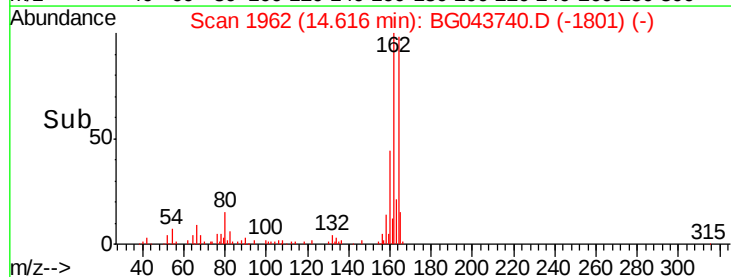
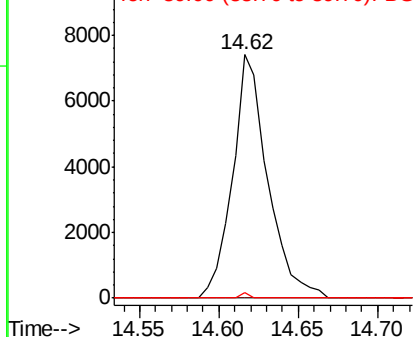


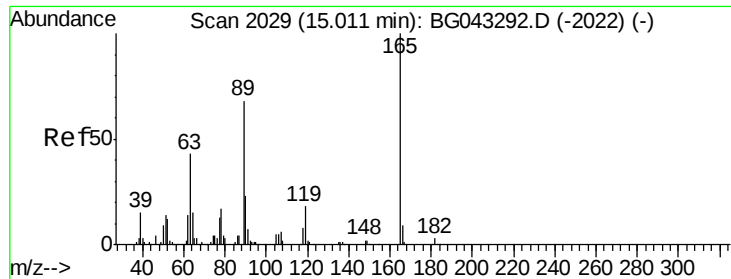
#51
2,6-Dinitrotoluene
Concen: 8.098 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.42 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Tgt Ion:165 Resp: 11419
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 2.3 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

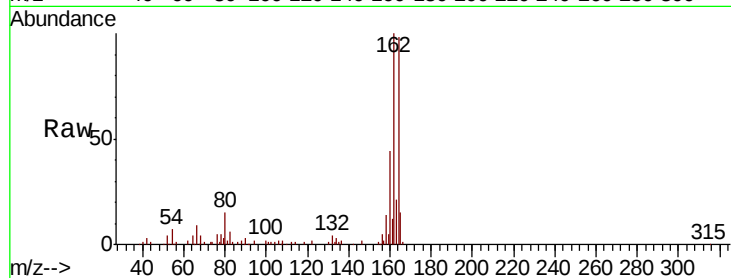




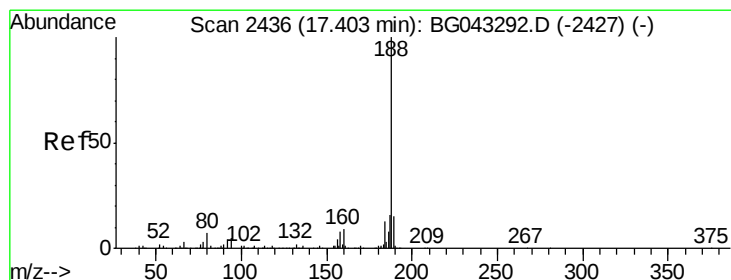
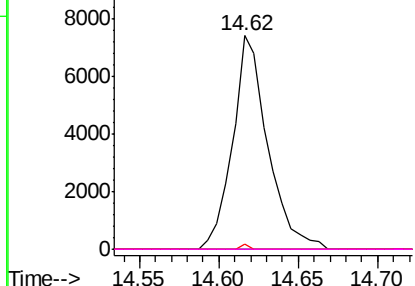
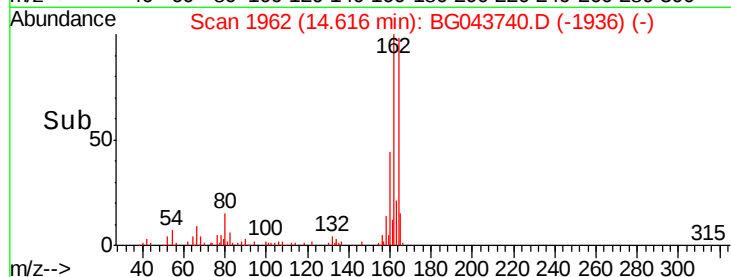
#57
 2,4-Dinitrotoluene
 Concen: 5.666 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.38 min
 Lab File: BG043740.D
 Acq: 20 Nov 2019 23:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 11419
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.4 56.0#
 89 2.3 50.9 76.3#
 182 0.0 2.3 3.5#

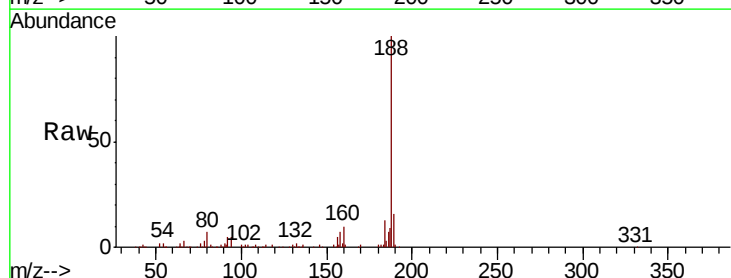


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

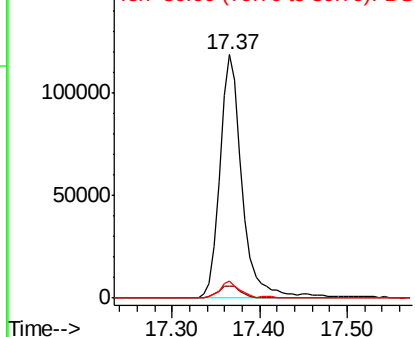
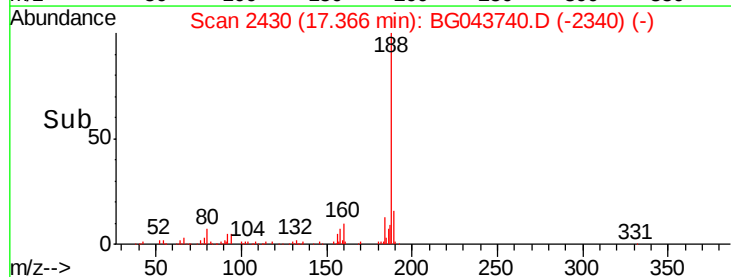


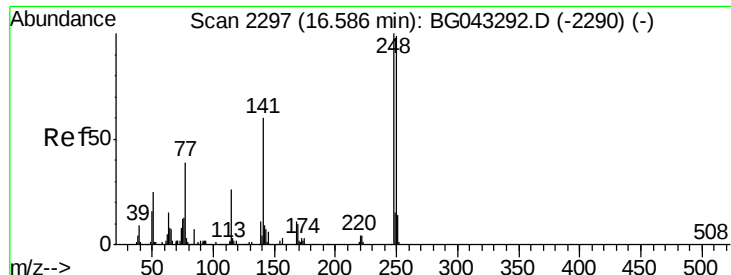
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG043740.D
 Acq: 20 Nov 2019 23:02

Tgt Ion:188 Resp: 208902
 Ion Ratio Lower Upper
 188 100
 94 5.1 4.6 7.0
 80 7.0 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

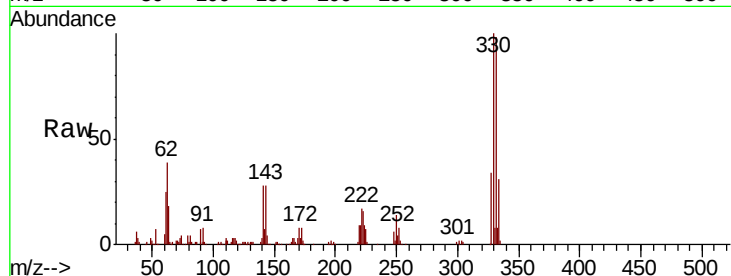




#67
 4-Bromophenyl-phenylether
 Concen: 4.622 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.44 min
 Lab File: BG043740.D
 Acq: 20 Nov 2019 23:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	220.5	76.3	114.5#
141	447.6	49.5	74.3#

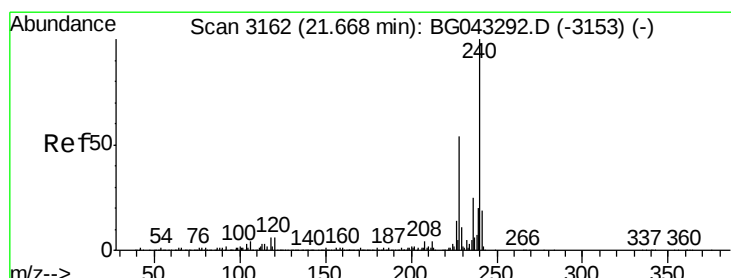
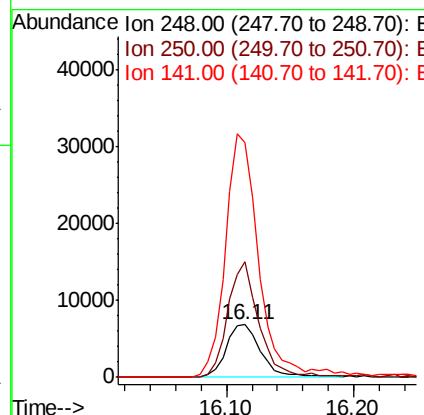
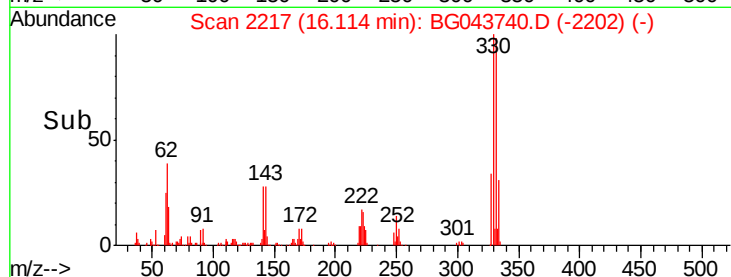


Abundance

Ion 248.00 (247.70 to 248.70): E

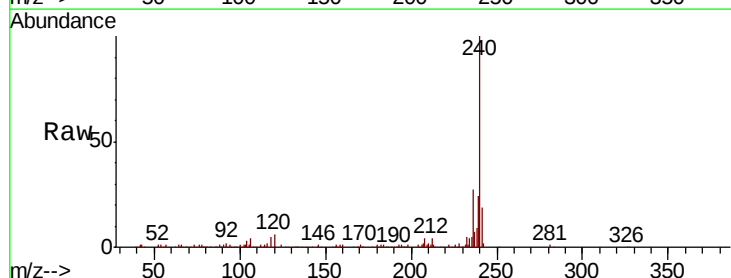
Ion 250.00 (249.70 to 250.70): E

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: BG043740.D
 Acq: 20 Nov 2019 23:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.9	7.3
236	27.3	21.4	32.0

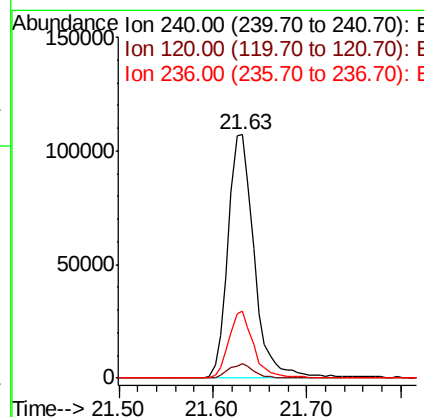
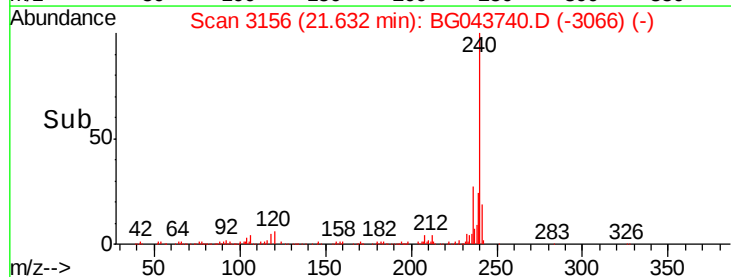


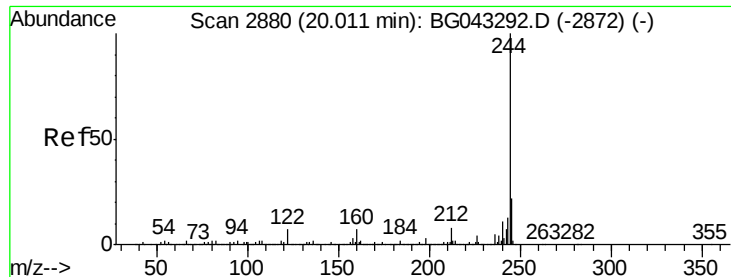
Abundance

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: 90.999 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

Instrument :

BNA_G

ClientSampled :

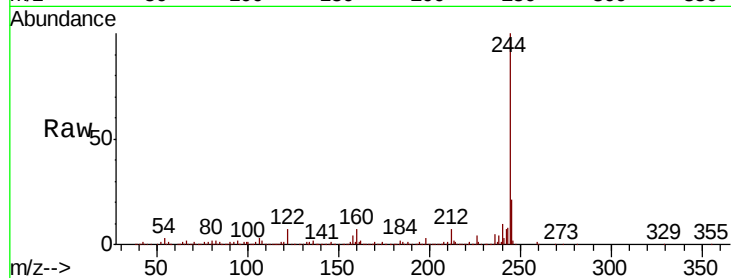
Tot Ion:244 Resp: 1012261

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

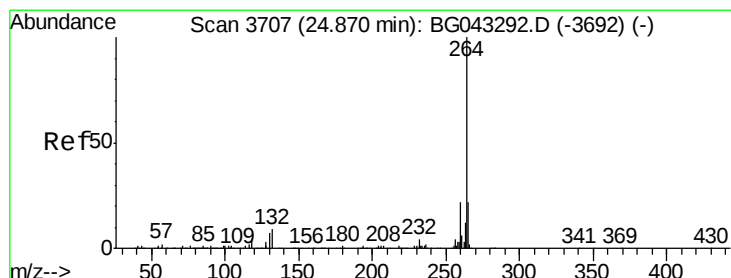
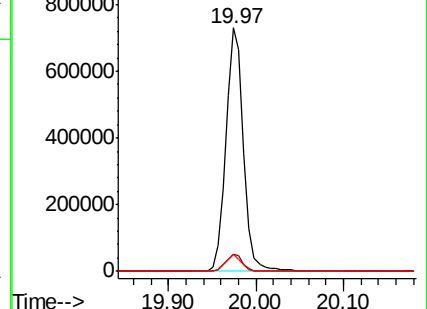
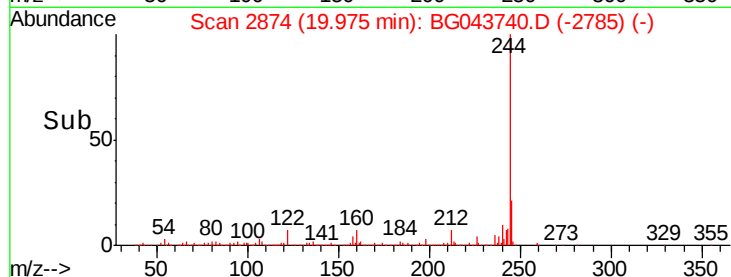
122 6.9 5.2 7.8



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: 24.80 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

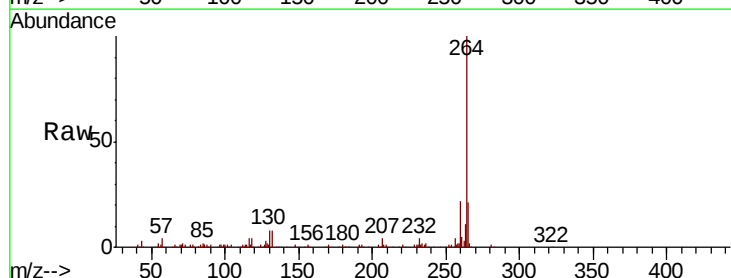
Tgt Ion:264 Resp: 243203

Ion Ratio Lower Upper

264 100

260 22.0 18.4 27.6

265 20.6 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

