

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044398.D
 Acq On : 11 Feb 2020 21:11
 Operator : CG/JU
 Sample : L1372-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-021020

Quant Time: Feb 12 03:07:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

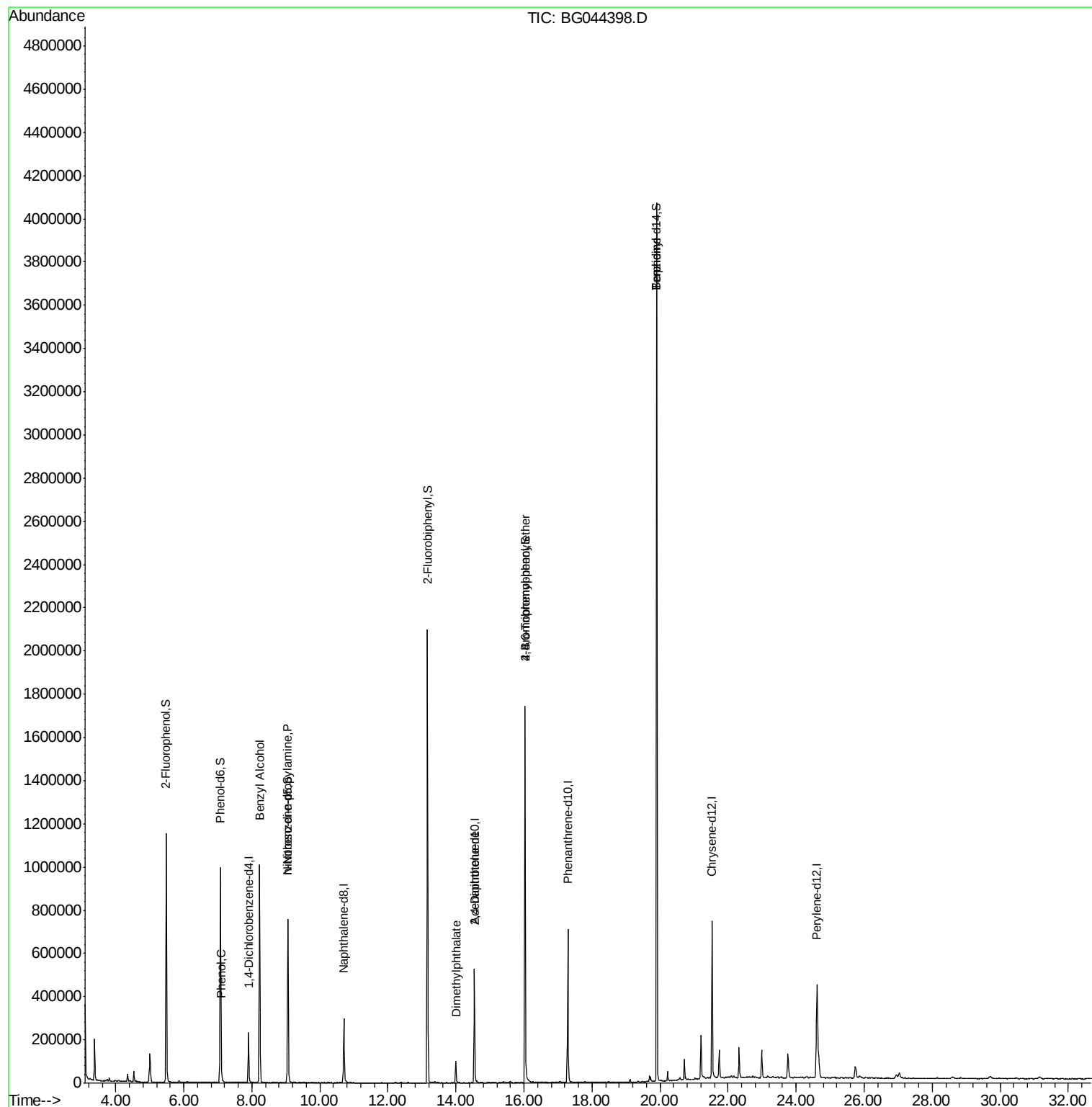
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	69039	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	285353	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	192162	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	456939	20.00	ng	0.00
76) Chrysene-d12	21.53	240	433094	20.00	ng	0.00
87) Perylene-d12	24.61	264	445873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	548888	140.31	ng	0.00
7) Phenol-d6	7.07	99	649005	123.55	ng	0.00
23) Nitrobenzene-d5	9.06	82	497025	98.34	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	362824	160.84	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1156617	100.79	ng	0.00
79) Terphenyl-d14	19.90	244	1969087	93.52	ng	0.00
Target Compounds						
10) Phenol	7.10	94	16812	3.234	ng	82
15) Benzyl Alcohol	8.23	79	7785	2.093	ng	# 43
19) n-Nitroso-di-n-propylamine	9.06	70	65254	18.639	ng	# 76
50) Dimethylphthalate	14.00	163	81350	5.889	ng	99
57) 2,4-Dinitrotoluene	14.54	165	25129	5.821	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	24934	5.009	ng	# 1
77) Benizidine	19.90	184	32544	2.709	ng	# 92

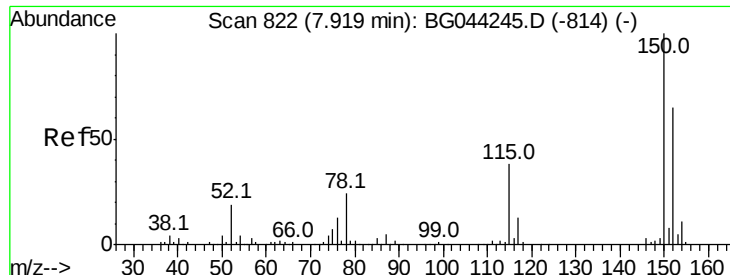
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
Data File : BG044398.D
Acq On : 11 Feb 2020 21:11
Operator : CG/JU
Sample : L1372-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-021020

Quant Time: Feb 12 03:07:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



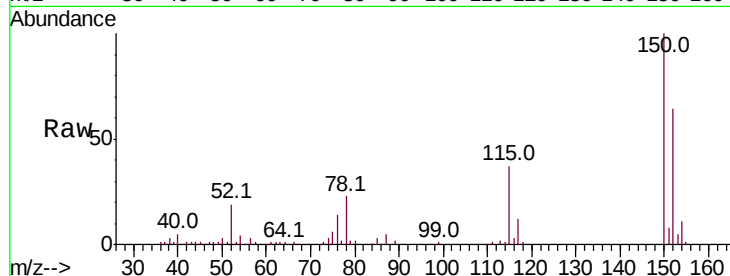


#1

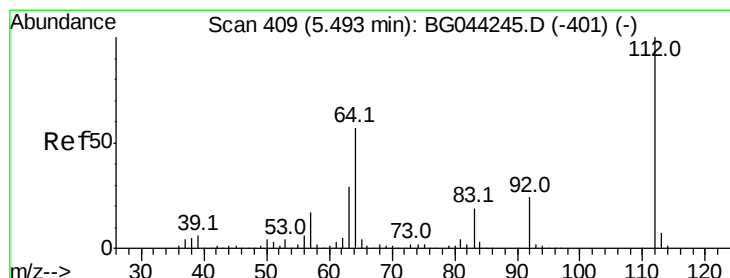
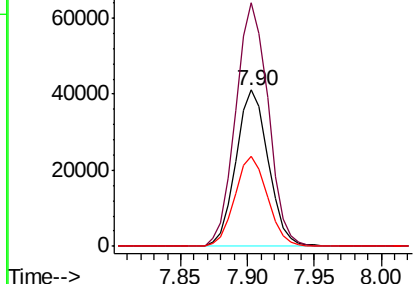
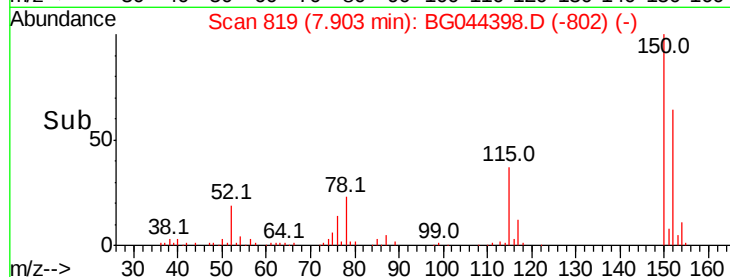
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044398.D
 Acq: 11 Feb 2020 21:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-021020

Tot Ion:152 Resp: 69039
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.6 183.8
 115 57.9 46.0 69.0



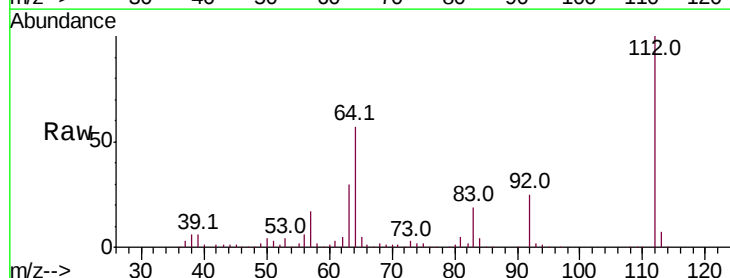
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



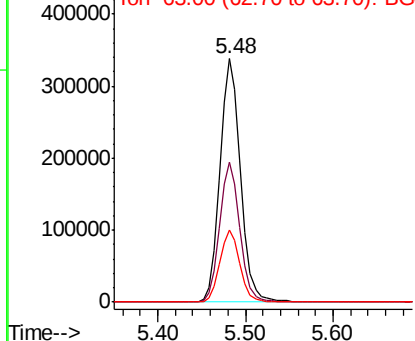
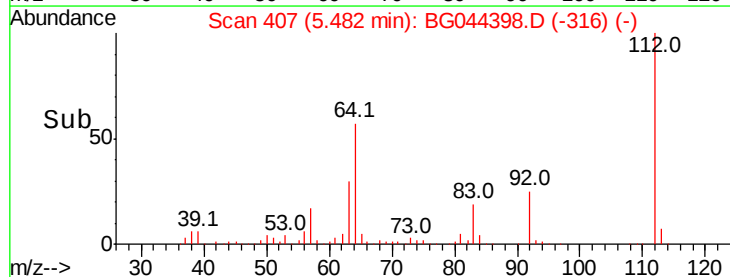
#5

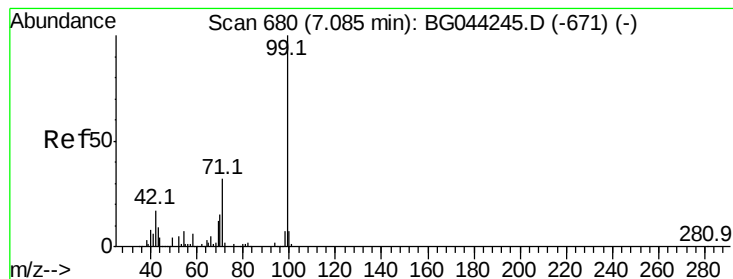
2-Fluorophenol
 Concen: 140.312 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044398.D
 Acq: 11 Feb 2020 21:11

Tgt Ion:112 Resp: 548888
 Ion Ratio Lower Upper
 112 100
 64 57.4 45.4 68.2
 63 29.6 22.9 34.3



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: 123.547 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

Instrument :

BNA_G

ClientSampleId :

SU-01-021020

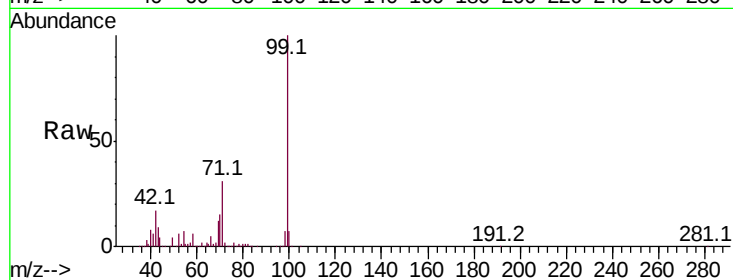
Tot Ion: 99 Resp: 649005

Ion Ratio Lower Upper

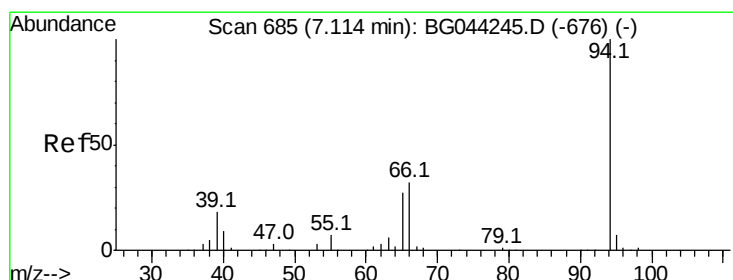
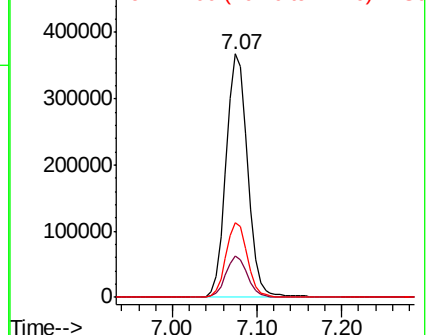
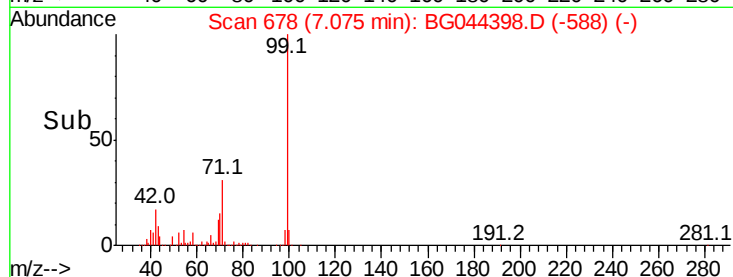
99 100

42 17.0 13.8 20.6

71 30.7 25.5 38.3



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: 3.234 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

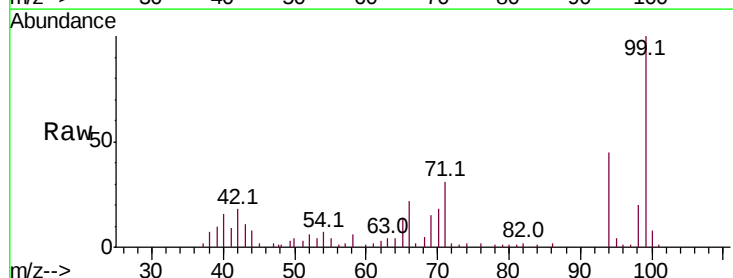
Tgt Ion: 94 Resp: 16812

Ion Ratio Lower Upper

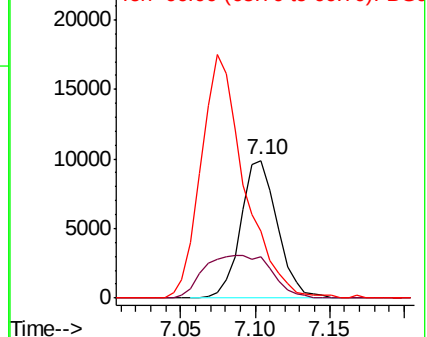
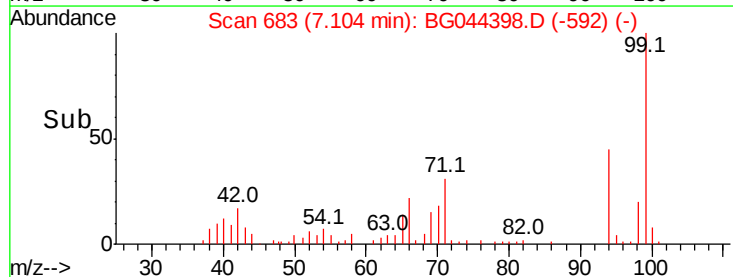
94 100

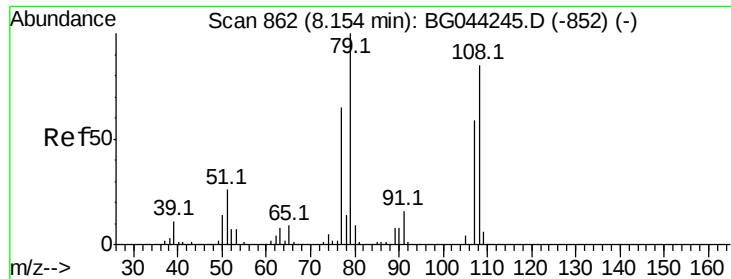
65 30.2 7.0 47.0

66 48.4 12.7 52.7



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: 2.093 ng

RT: 8.23 min Scan# 874

Delta R.T. 0.09 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

Instrument :

BNA_G

ClientSampleId :

SU-01-021020

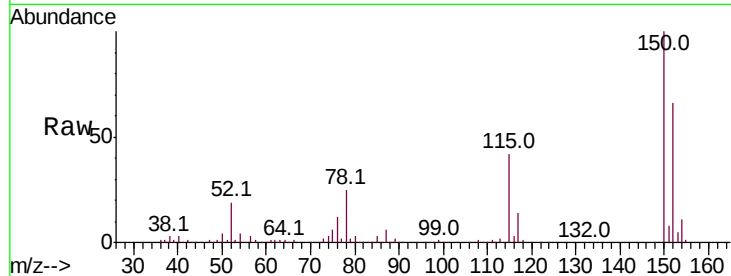
Tot Ion: 79 Resp: 7785

Ion Ratio Lower Upper

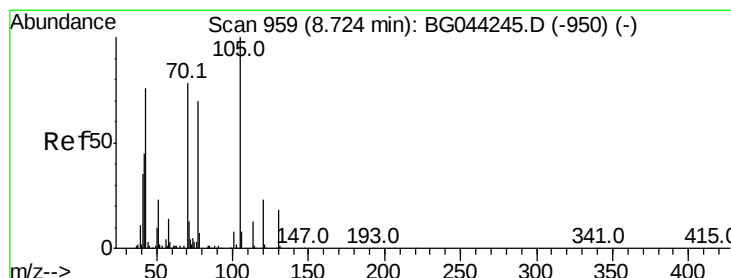
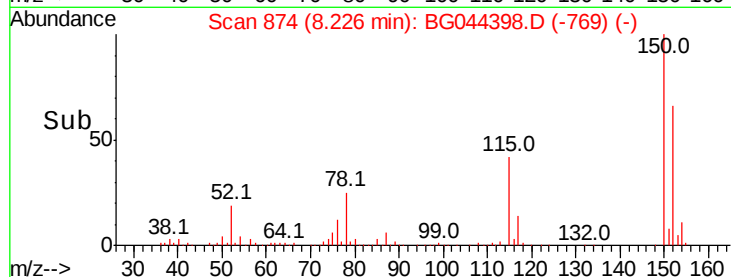
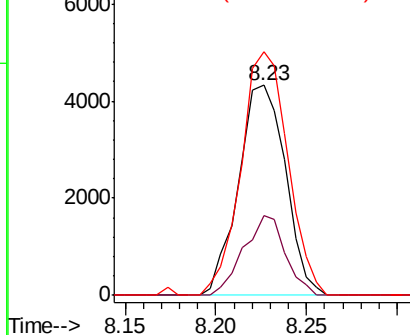
79 100

108 38.3 68.3 102.5#

77 115.9 51.8 77.8#



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: 18.639 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

Tgt Ion: 70 Resp: 65254

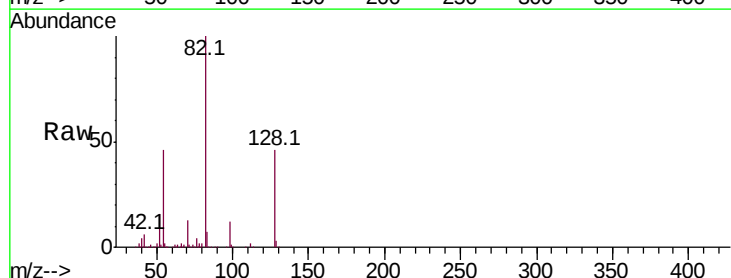
Ion Ratio Lower Upper

70 100

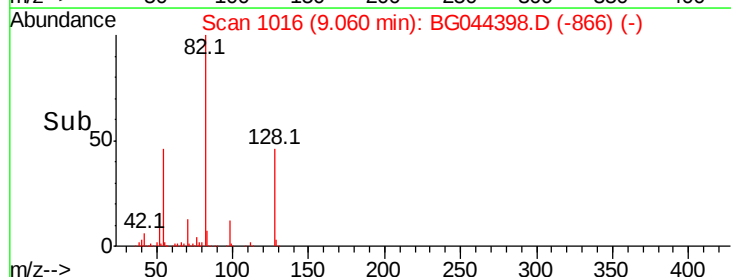
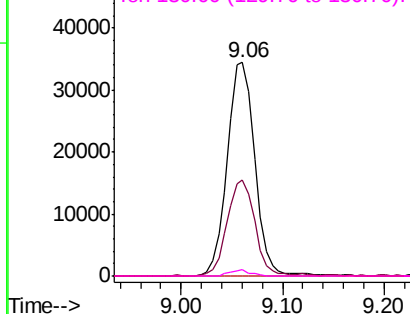
42 45.1 46.2 69.2#

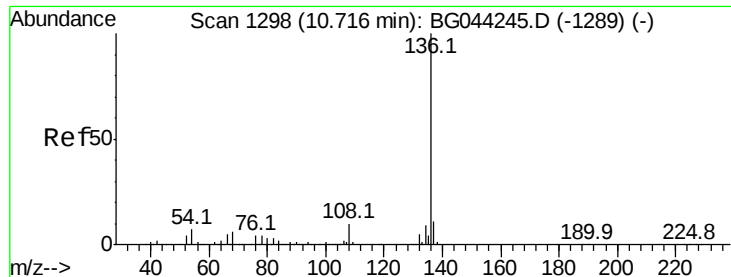
101 0.0 8.4 12.6#

130 2.7 17.8 26.8#



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

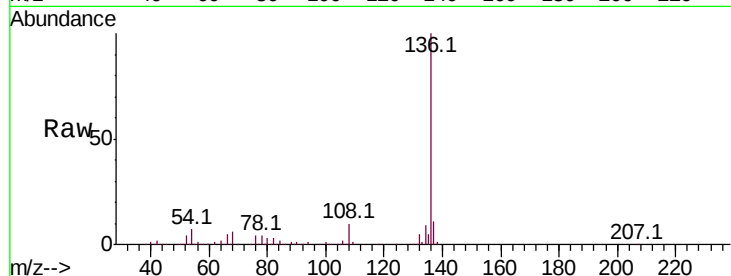




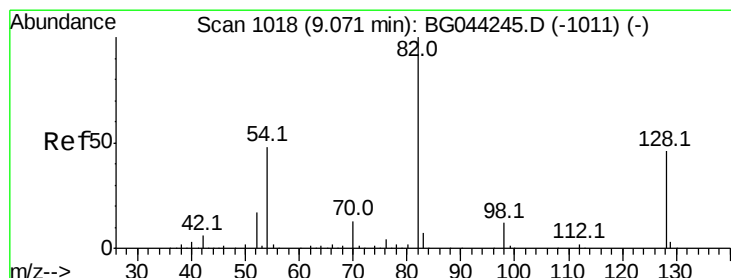
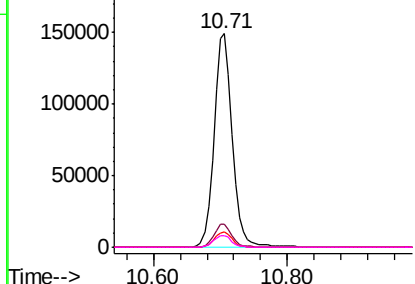
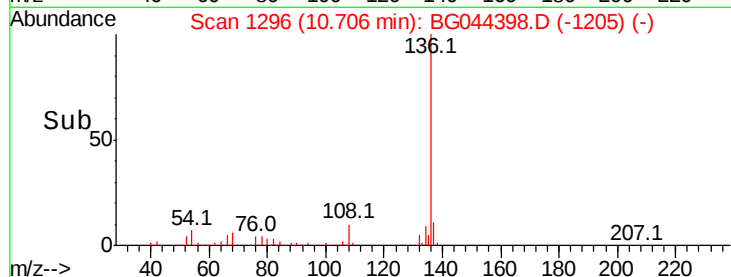
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Instrument :
BNA_G
ClientSampleId :
SU-01-021020

Tot Ion:136	Resp:	285353	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 7.1	5.8	8.8	
68 5.6	4.6	6.8	

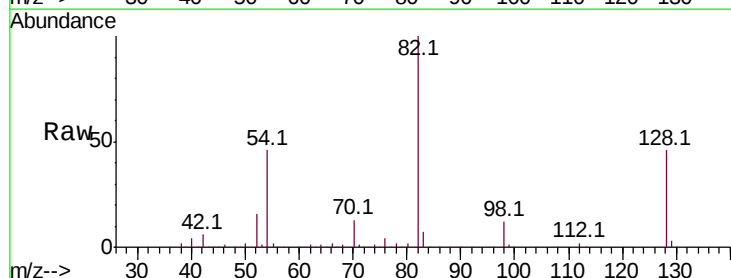


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

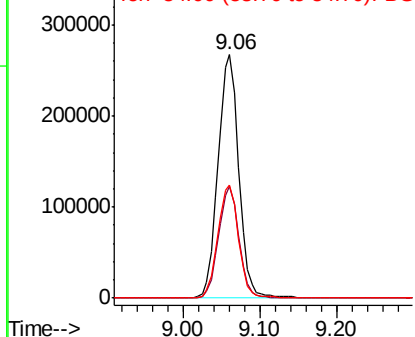
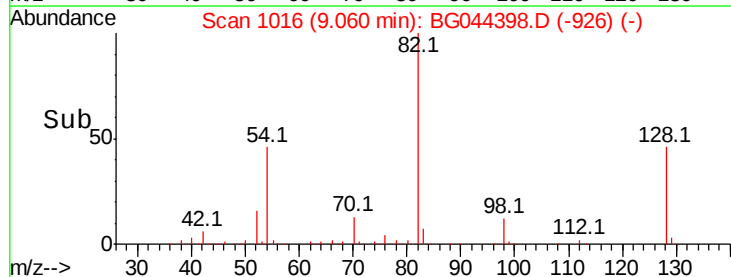


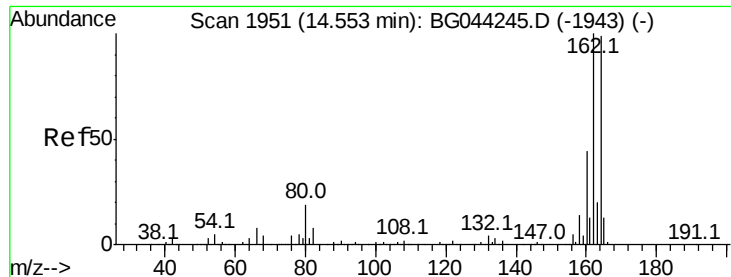
#23
Nitrobenzene-d5
Concen: 98.335 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Tgt	Ion: 82	Resp:	497025
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	46.4	38.6	58.0



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

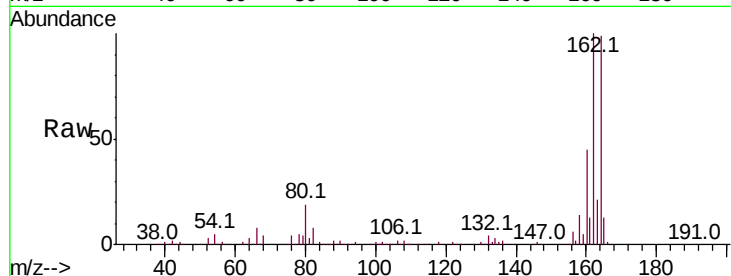




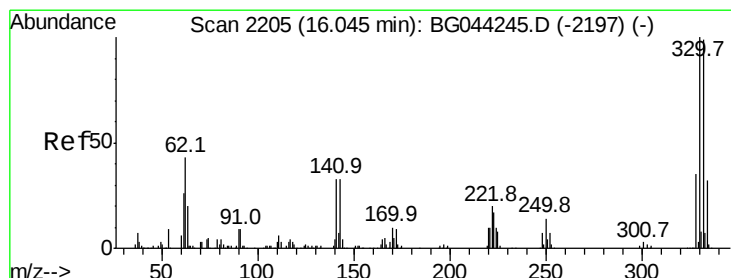
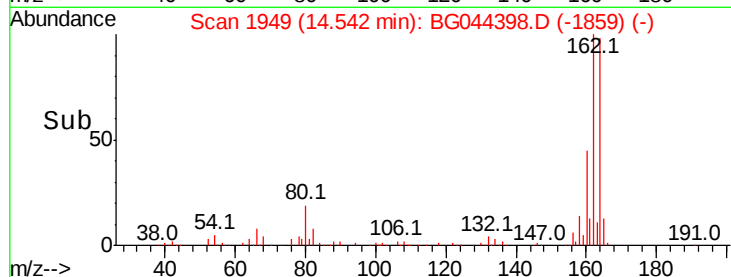
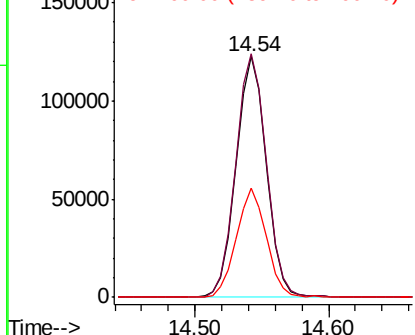
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Instrument :
BNA_G
ClientSampleId :
SU-01-021020

Tot Ion:164 Resp: 192162
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 45.3 35.3 52.9

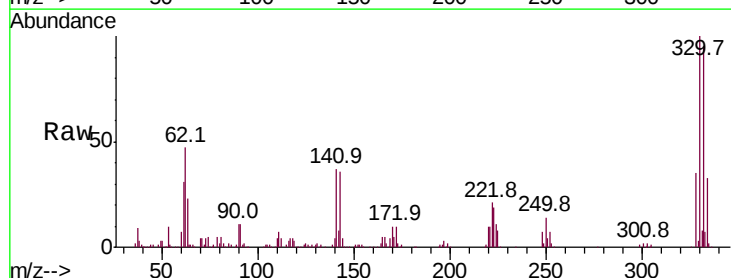


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

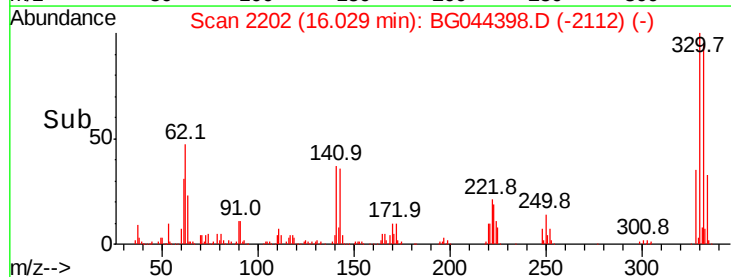
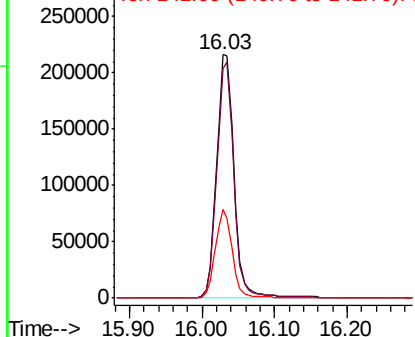


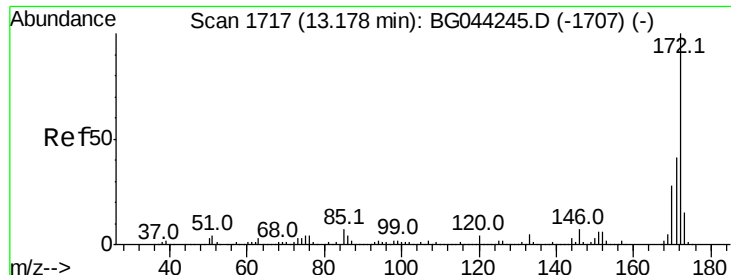
#42
2,4,6-Tribromophenol
Concen: 160.835 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Tgt Ion:330 Resp: 362824
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 35.5 28.3 42.5



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

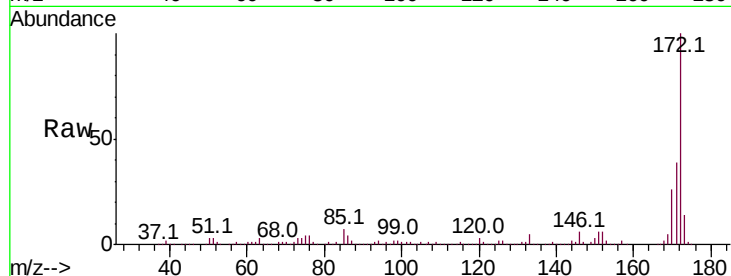




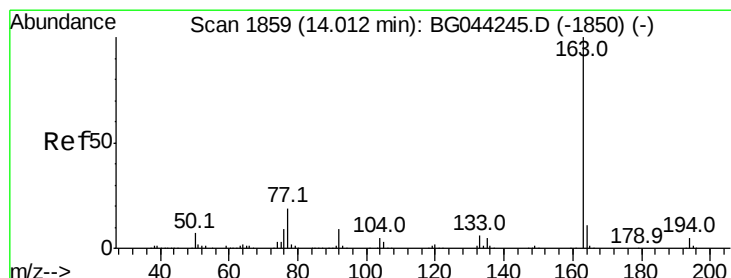
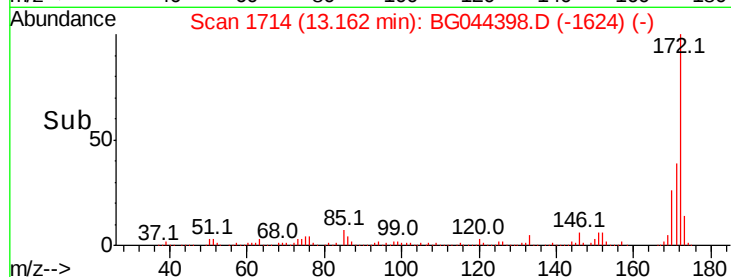
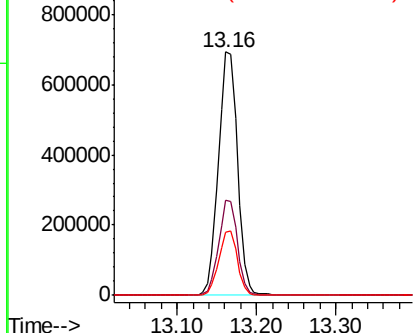
#45
2-Fluorobiphenyl
Concen: 100.791 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Instrument :
BNA_G
ClientSampleId :
SU-01-021020

Tot Ion:172 Resp: 1156617
Ion Ratio Lower Upper
172 100
171 38.9 32.9 49.3
170 26.0 22.0 33.0

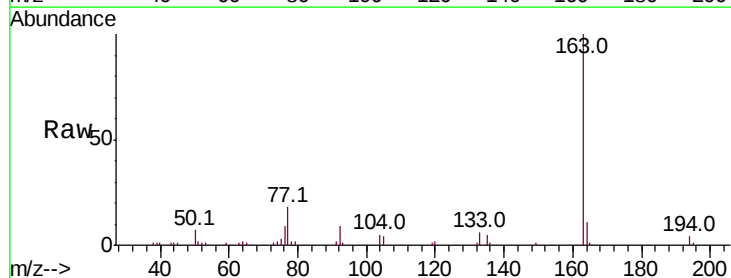


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

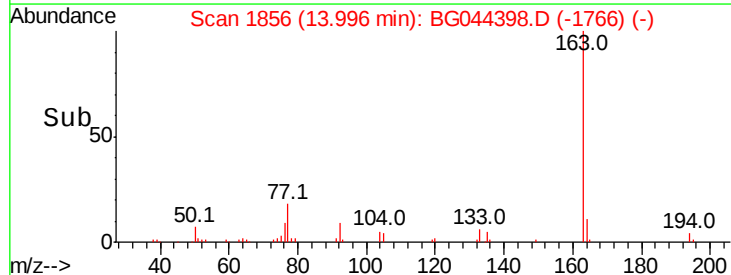
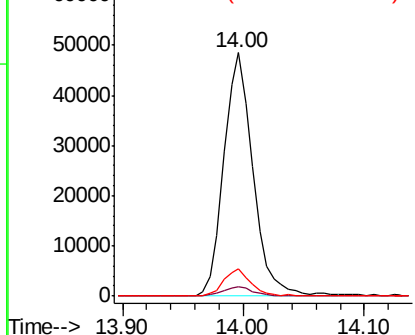


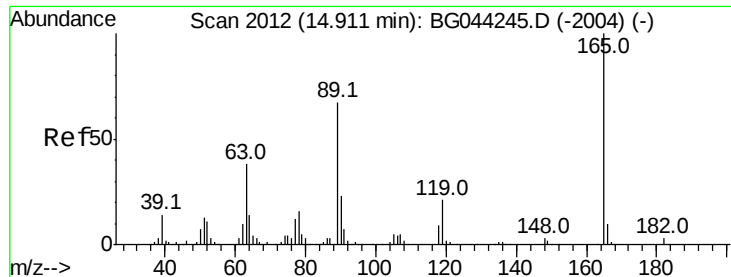
#50
Dimethylphthalate
Concen: 5.889 ng
RT: 14.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Tgt Ion:163 Resp: 81350
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 11.0 8.7 13.1



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: 5.821 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.36 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

Instrument :

BNA_G

ClientSampleId :

SU-01-021020

Tot Ion:165 Resp: 25129

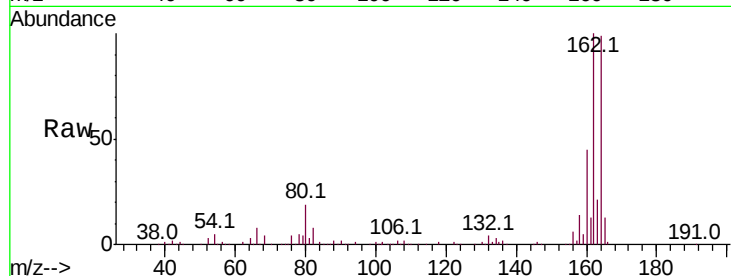
Ion Ratio Lower Upper

165 100

63 0.0 30.3 45.5#

89 1.6 53.4 80.2#

182 0.0 2.1 3.1#

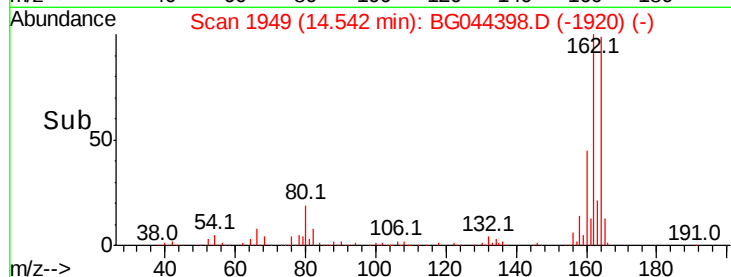


Abundance Ion 165.00 (164.70 to 165.70): E

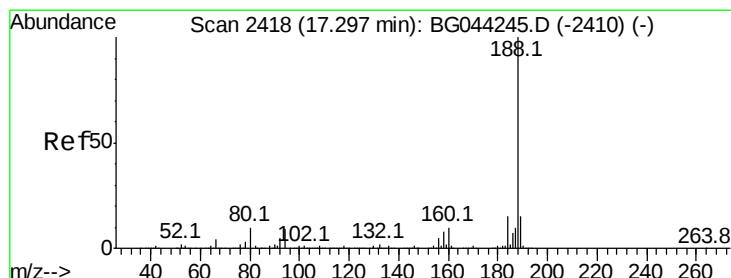
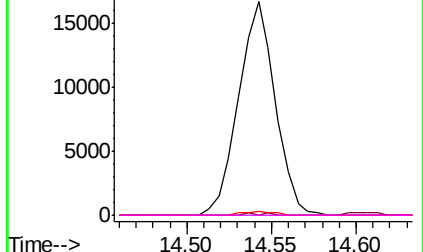
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

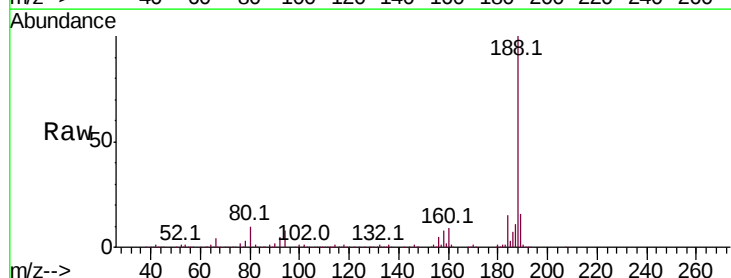
Tgt Ion:188 Resp: 456939

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

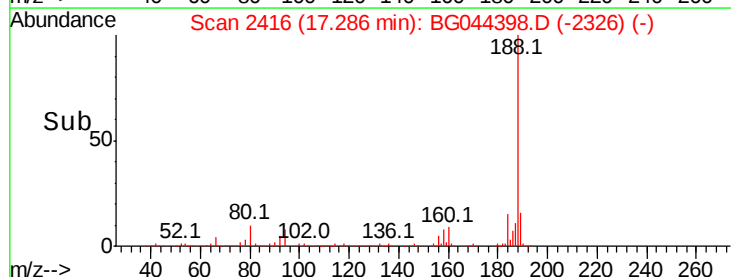
80 9.6 7.7 11.5



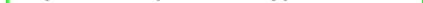
Abundance Ion 188.00 (187.70 to 188.70): E

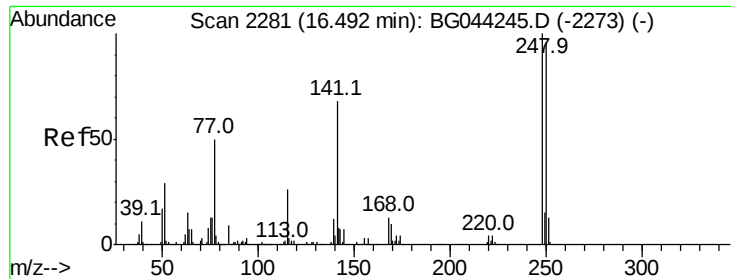
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

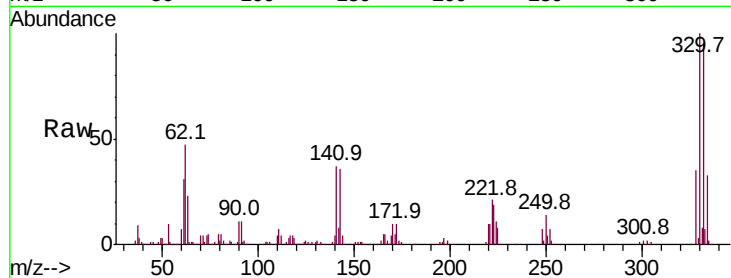




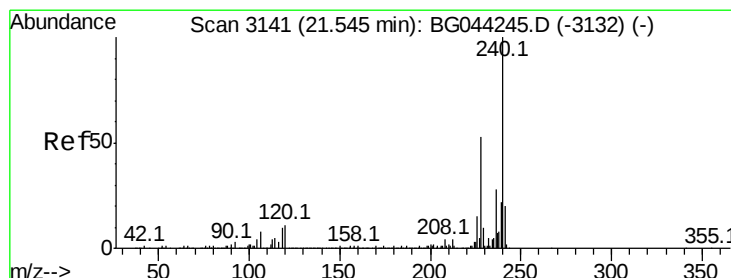
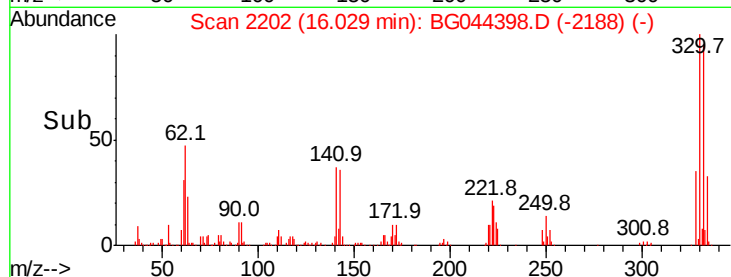
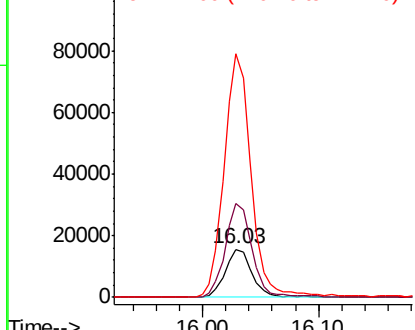
#67
4-Bromophenyl-phenylether
Concen: 5.009 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.45 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Instrument :
BNA_G
ClientSampleId :
SU-01-021020

Tot Ion:248 Resp: 24934
Ion Ratio Lower Upper
248 100
250 196.9 76.6 114.8#
141 509.5 54.7 82.1#

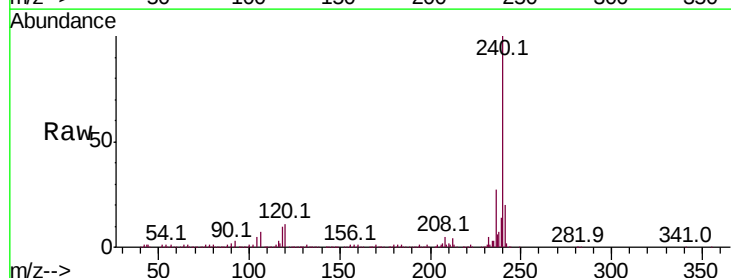


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

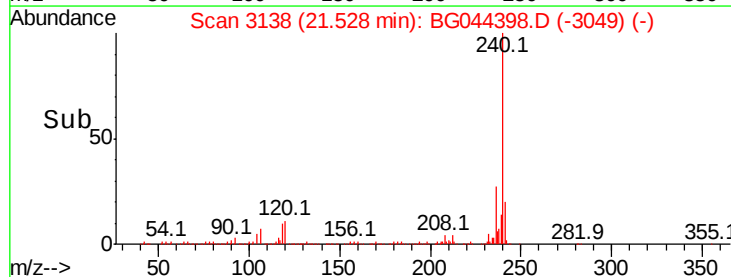
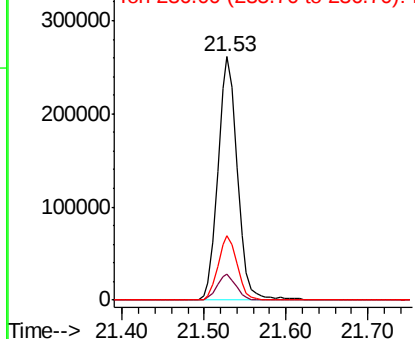


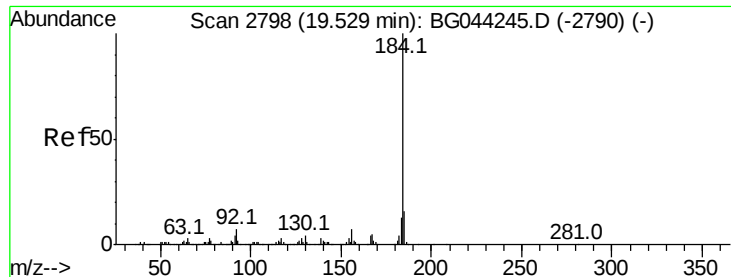
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Tgt Ion:240 Resp: 433094
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.6 22.1 33.1



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: 2.709 ng

RT: 19.90 min Scan# 2861

Delta R.T. 0.38 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

Instrument :

BNA_G

ClientSampleId :

SU-01-021020

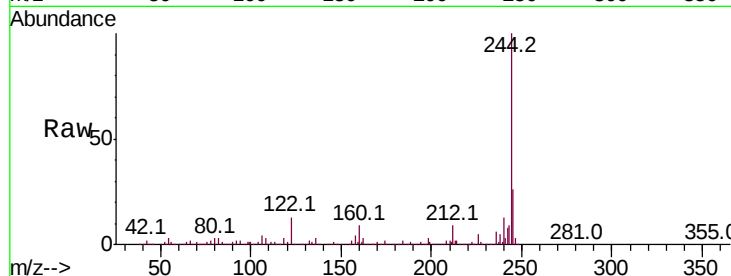
Tot Ion:184 Resp: 32544

Ion Ratio Lower Upper

184 100

185 16.4 12.9 19.3

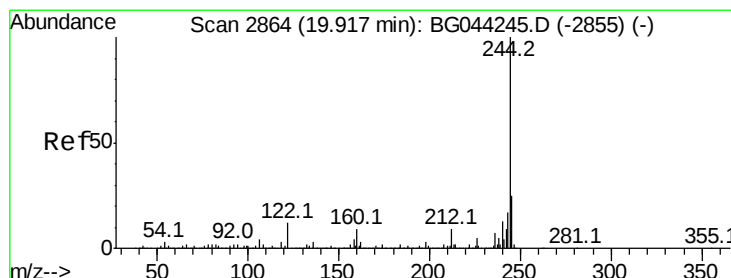
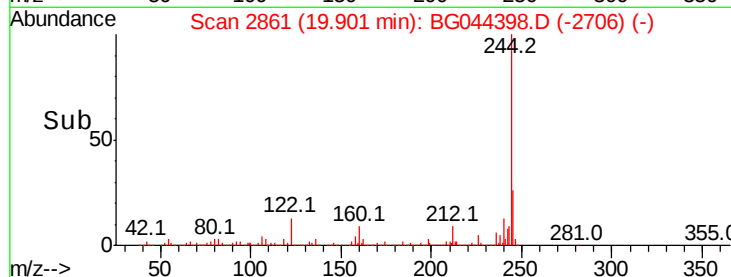
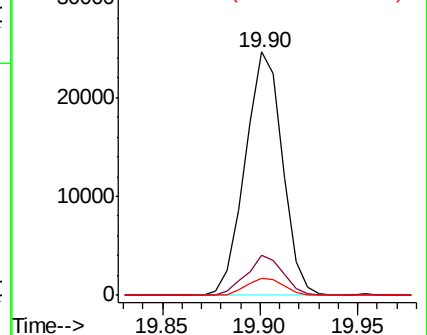
183 7.0 10.8 16.2#



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: 93.517 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

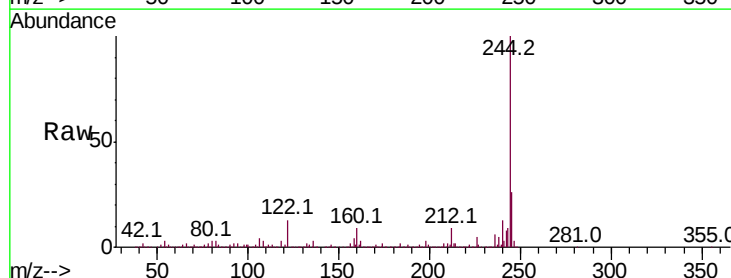
Tgt Ion:244 Resp: 1969087

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.2

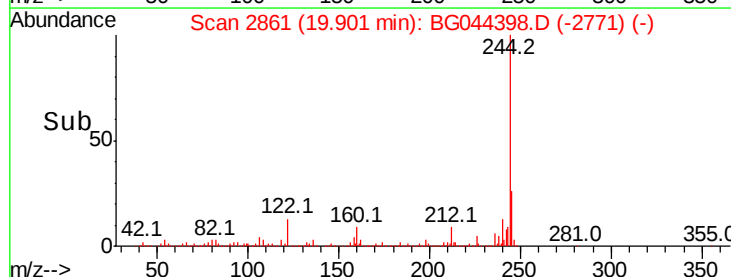
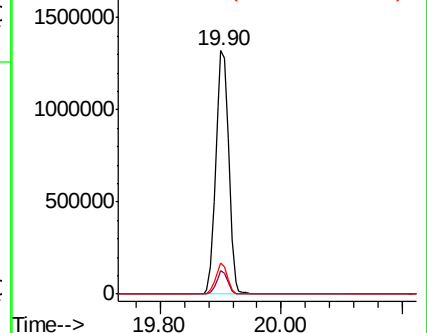
122 12.6 9.8 14.6

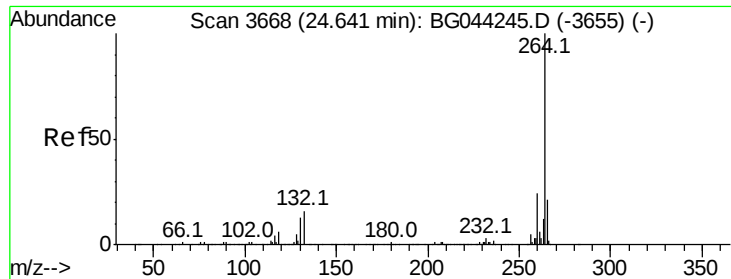


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.61 min Scan# 3663
 Delta R.T. -0.01 min
 Lab File: BG044398.D
 Acq: 11 Feb 2020 21:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-021020

Tot Ion:264 Resp: 445873
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.6 16.7 25.1

