

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
 Data File : BG043341.D
 Acq On : 25 Oct 2019 16:06
 Operator : JU
 Sample : PB124157BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124157BL

Quant Time: Oct 25 16:50:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

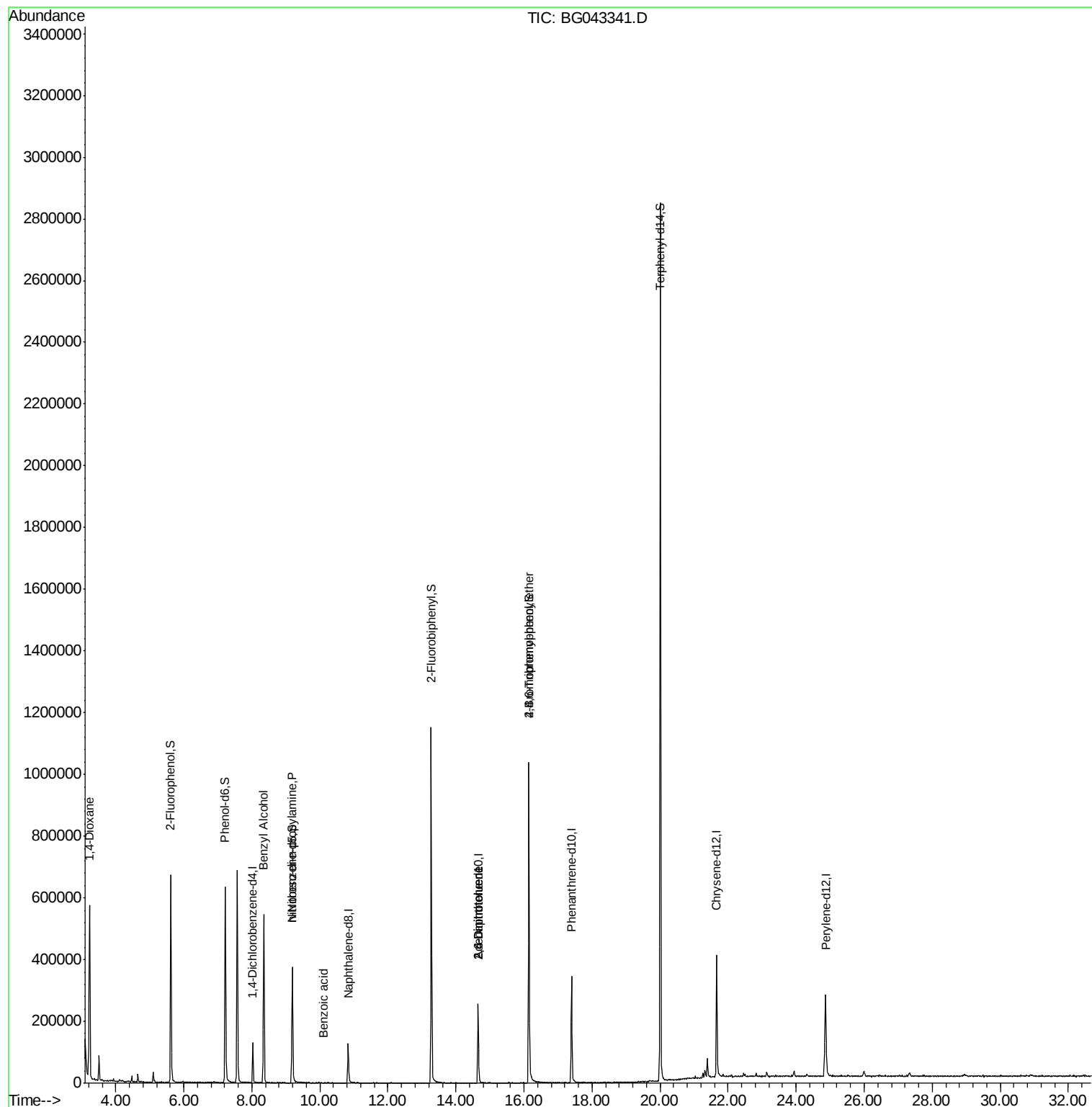
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38012	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129000	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	99381	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	244929	20.00	ng	0.00
76) Chrysene-d12	21.66	240	276561	20.00	ng	0.00
87) Perylene-d12	24.86	264	313934	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	303498	146.31	ng	0.01
7) Phenol-d6	7.22	99	406829	136.31	ng	0.01
23) Nitrobenzene-d5	9.18	82	251748	100.61	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	274957	145.39	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	682631	94.91	ng	0.00
79) Terphenyl-d14	20.01	244	1469014	99.65	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.23	88	7293	9.022	ng	# 1
15) Benzyl Alcohol	8.34	79	4910	2.342	ng	# 68
19) n-Nitroso-di-n-propylamine	9.19	70	34809	18.049	ng	# 69
32) Benzoic acid	10.11	122	55	9.084	ng	# 1
51) 2,6-Dinitrotoluene	14.65	165	13704	8.195	ng	# 23
57) 2,4-Dinitrotoluene	14.65	165	13704	5.734	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	17455	5.296	ng	# 1

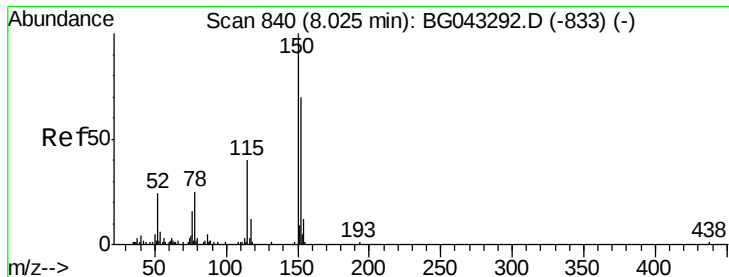
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043341.D
Acq On : 25 Oct 2019 16:06
Operator : JU
Sample : PB124157BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Quant Time: Oct 25 16:50:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

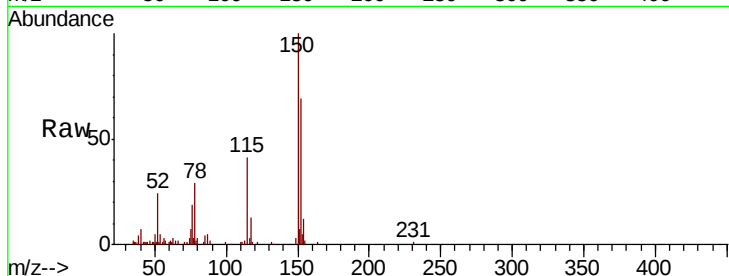
Tot Ion:152 Resp: 38012

Ion Ratio Lower Upper

152 100

150 145.8 113.6 170.4

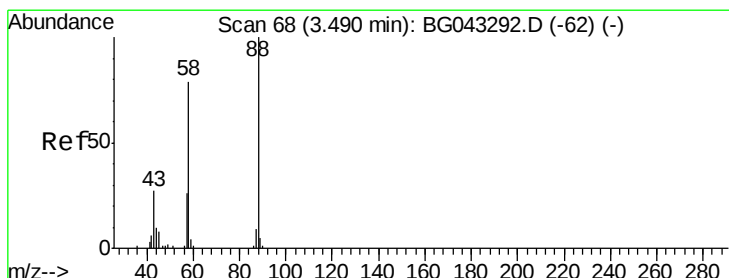
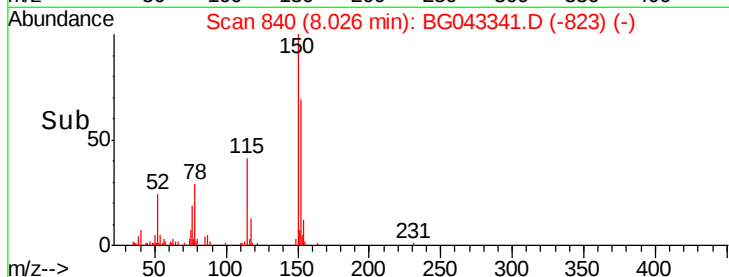
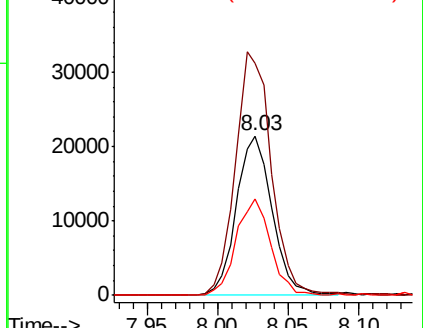
115 60.3 45.9 68.9



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



#2

1,4-Dioxane

Concen: 9.022 ng

RT: 3.23 min Scan# 23

Delta R.T. -0.26 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

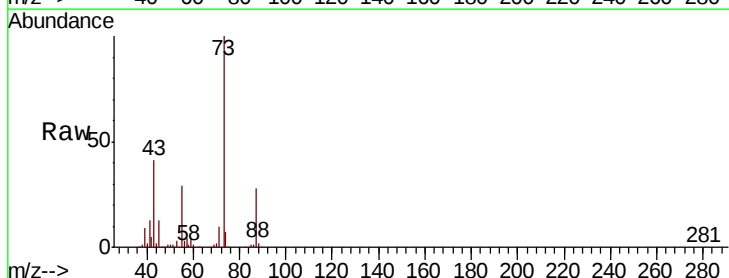
Tgt Ion: 88 Resp: 7293

Ion Ratio Lower Upper

88 100

58 39.0 60.2 90.2#

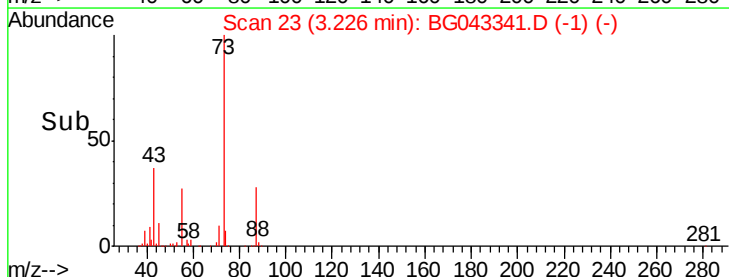
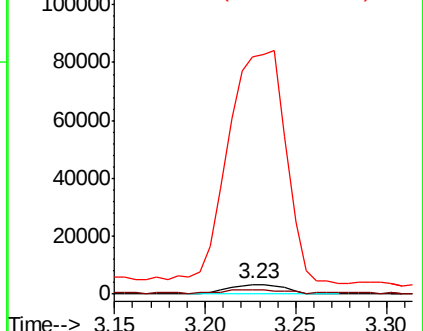
43 2416.6 22.7 34.1#

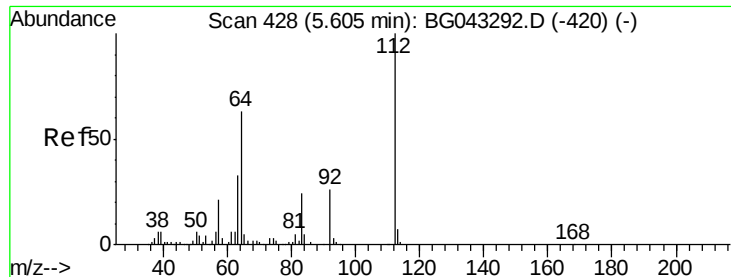


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 146.307 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

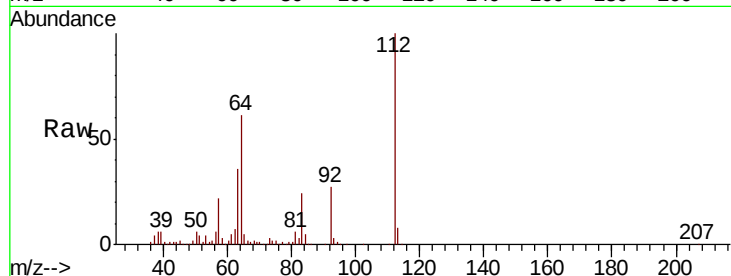
Tot Ion:112 Resp: 303498

Ion Ratio Lower Upper

112 100

64 61.0 50.2 75.2

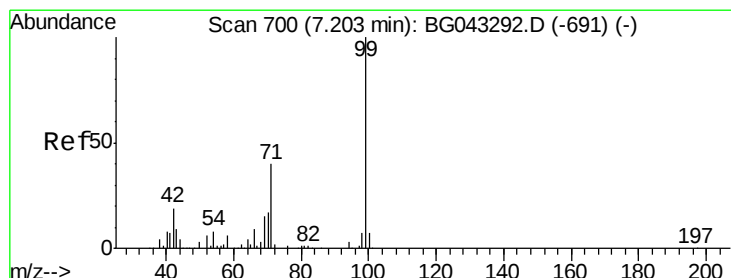
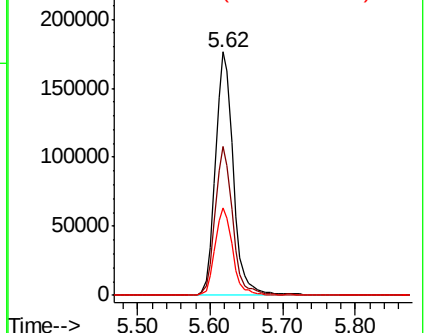
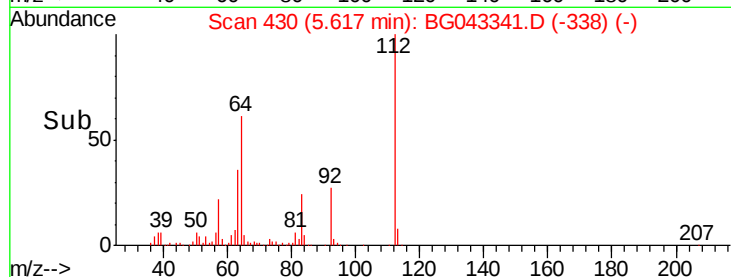
63 35.9 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 136.312 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

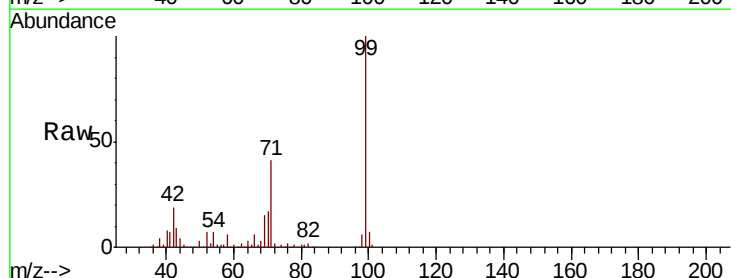
Tgt Ion: 99 Resp: 406829

Ion Ratio Lower Upper

99 100

42 19.3 14.9 22.3

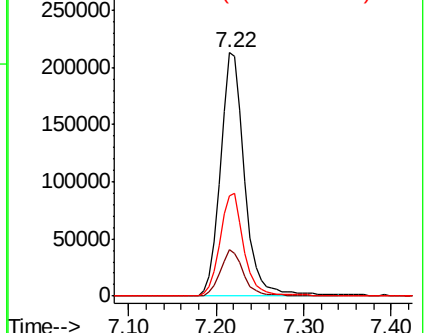
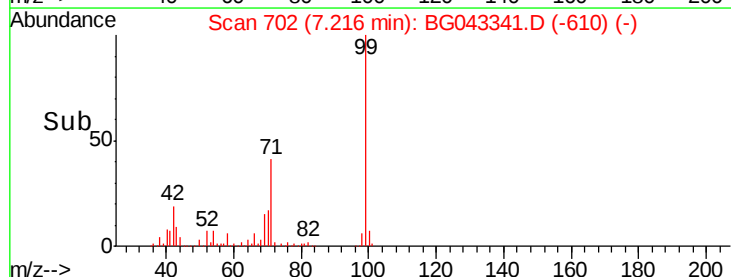
71 41.2 32.2 48.2

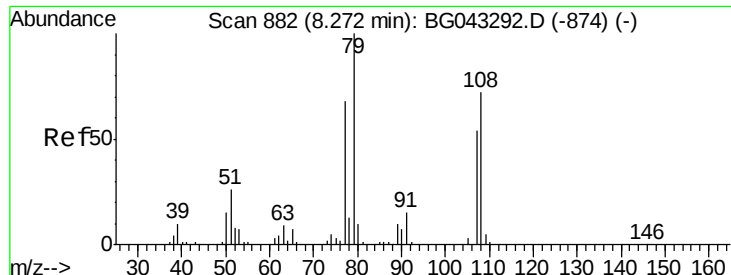


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#15

Benzyl Alcohol

Concen: 2.342 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.07 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

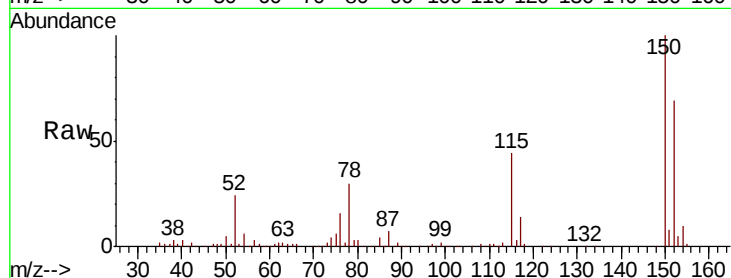
Tot Ion: 79 Resp: 4910

Ion Ratio Lower Upper

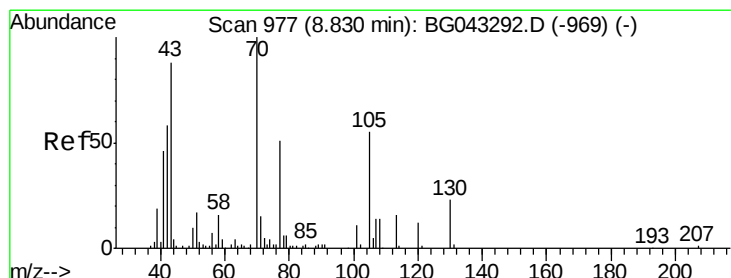
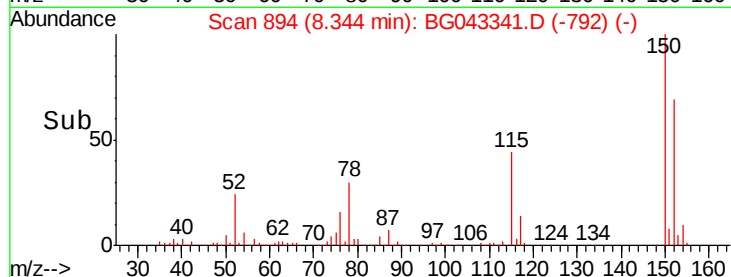
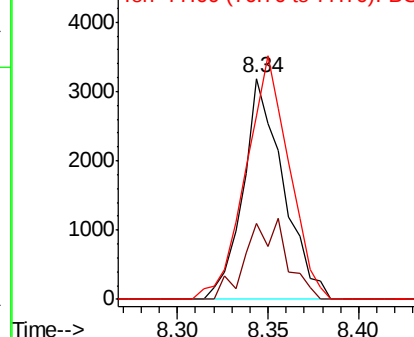
79 100

108 34.6 57.3 85.9#

77 83.3 54.6 81.8#



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: 18.049 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.36 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Tgt Ion: 70 Resp: 34809

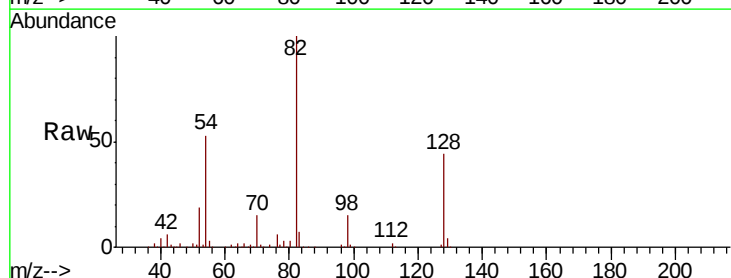
Ion Ratio Lower Upper

70 100

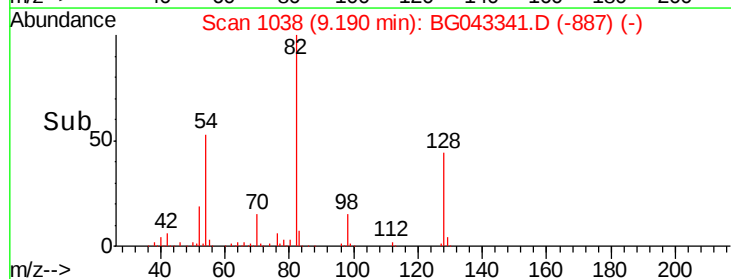
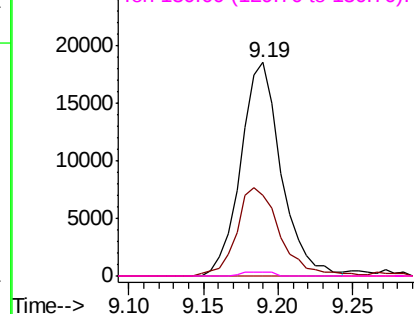
42 37.9 46.2 69.2#

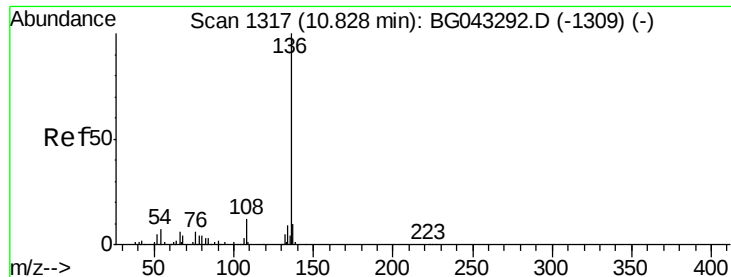
101 0.0 8.6 13.0#

130 1.7 18.6 27.8#



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

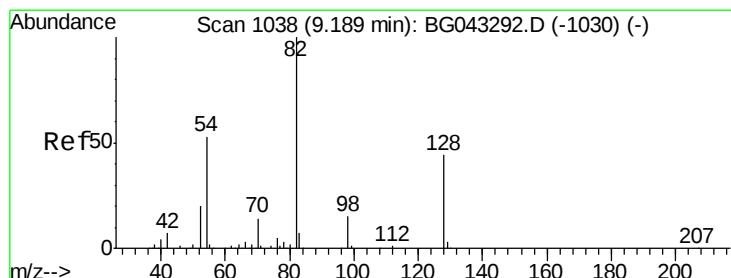
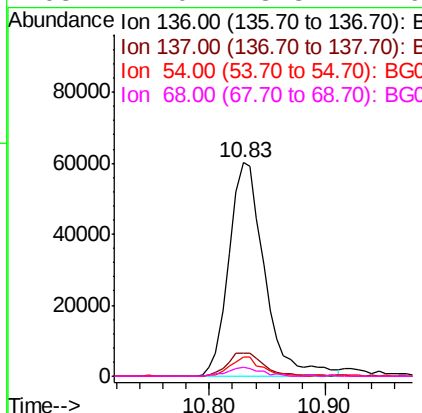
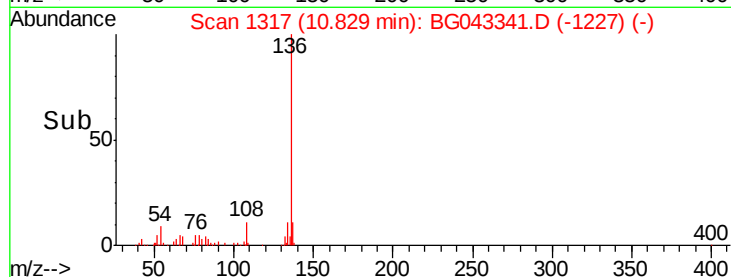
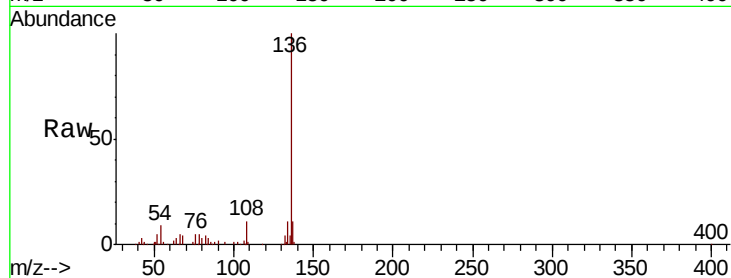




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

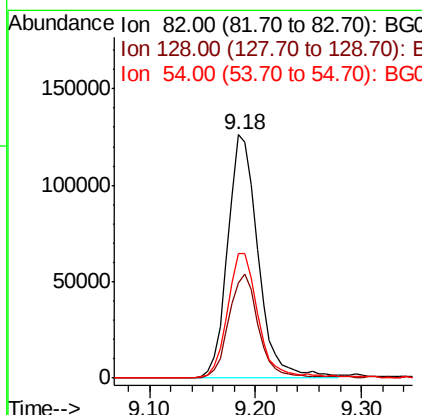
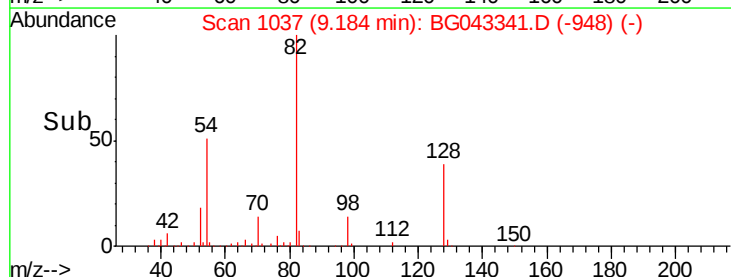
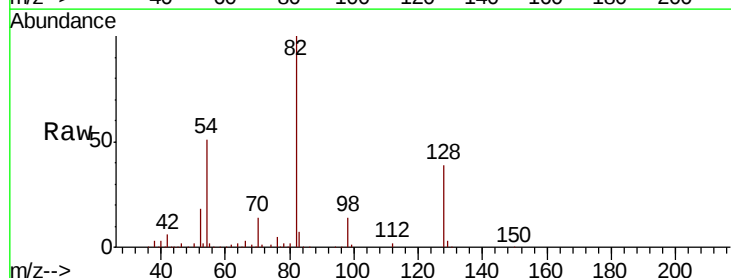
Instrument :
BNA_G
ClientSampleId :
PB124157BL

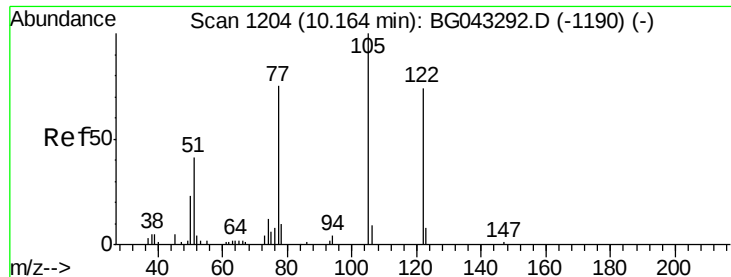
Tot Ion:136	Resp:	129000
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	8.8	5.4 8.2#
68	4.0	3.3 4.9



#23
Nitrobenzene-d5
Concen: 100.610 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion: 82	Resp:	251748
Ion Ratio	Lower	Upper
82	100	
128	38.8	35.3 52.9
54	51.1	42.3 63.5





#32

Benzoic acid

Concen: 9.084 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.05 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

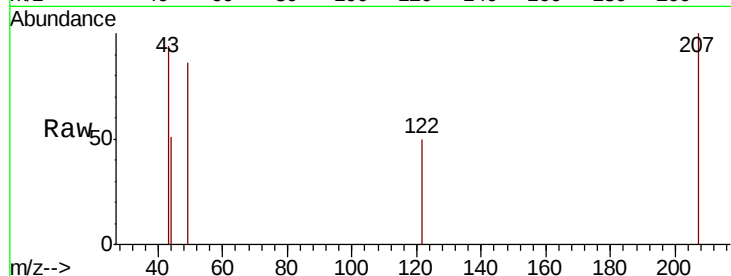
Tot Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 112.4 152.4#

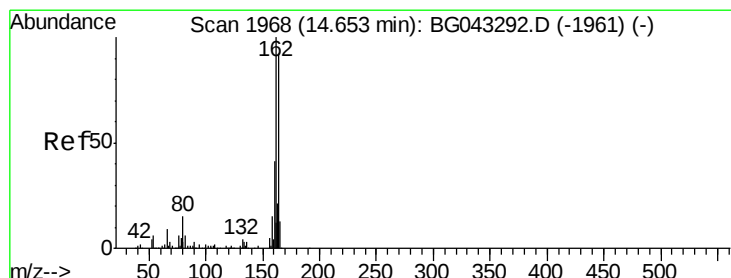
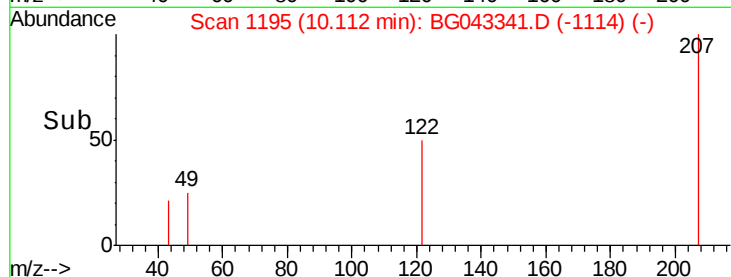
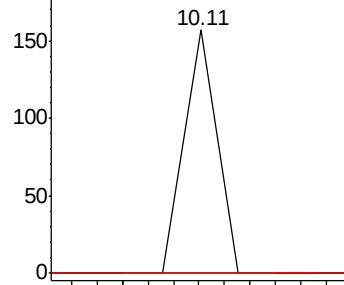
77 0.0 82.7 122.7#



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: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

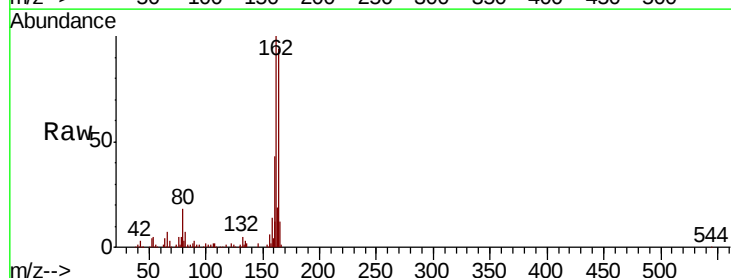
Tgt Ion:164 Resp: 99381

Ion Ratio Lower Upper

164 100

162 106.7 87.0 130.4

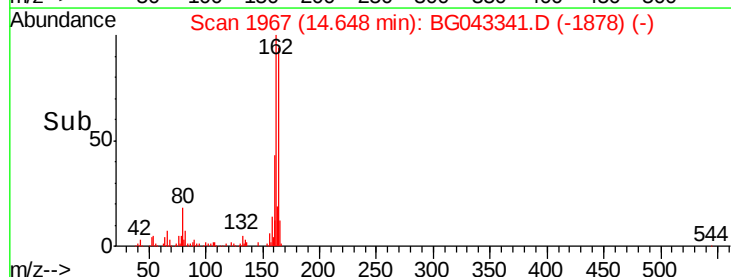
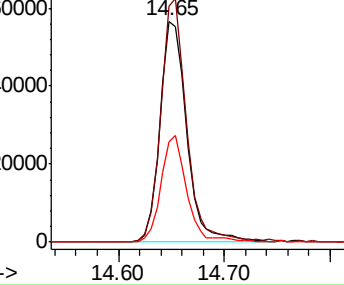
160 45.7 35.5 53.3

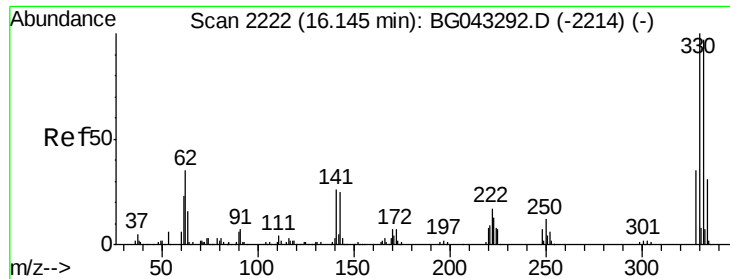


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

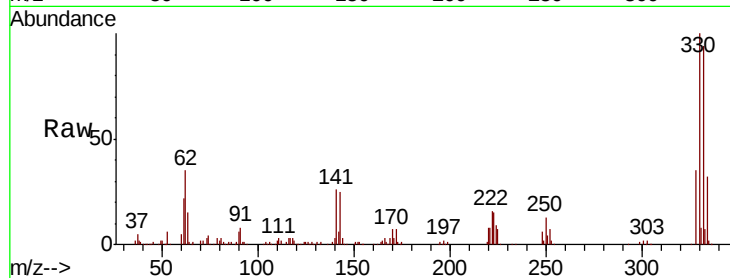




#42
 2,4,6-Tribromophenol
 Concen: 145.386 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG043341.D
 Acq: 25 Oct 2019 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124157BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.4	114.6
141	27.3	21.4	32.0

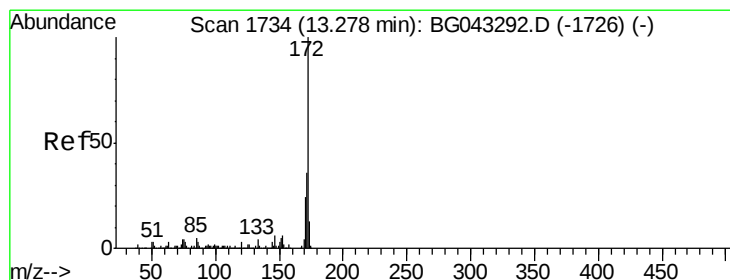
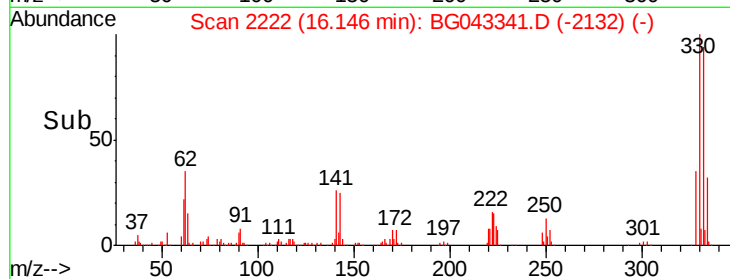
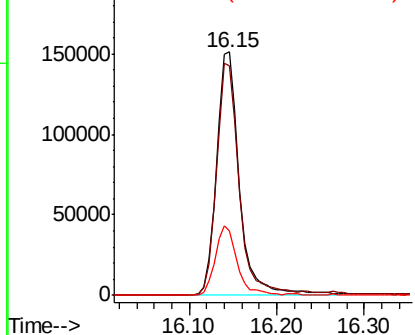


Abundance

Ion 329.80 (329.50 to 330.50): E

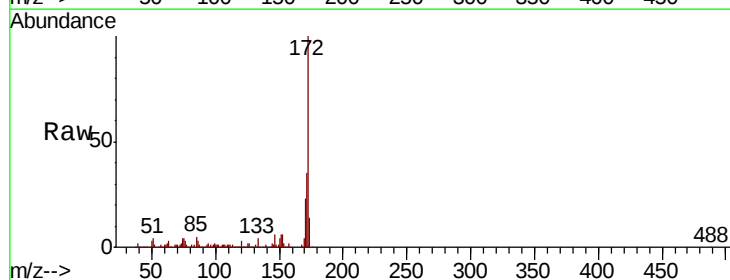
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.914 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG043341.D
 Acq: 25 Oct 2019 16:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.7	18.8	28.2

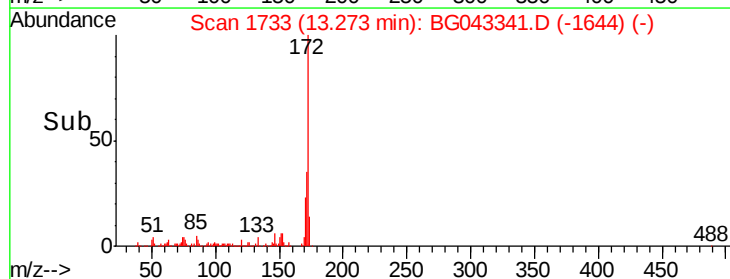
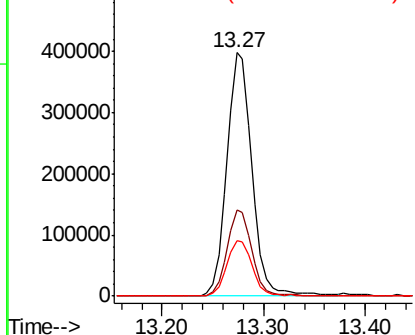


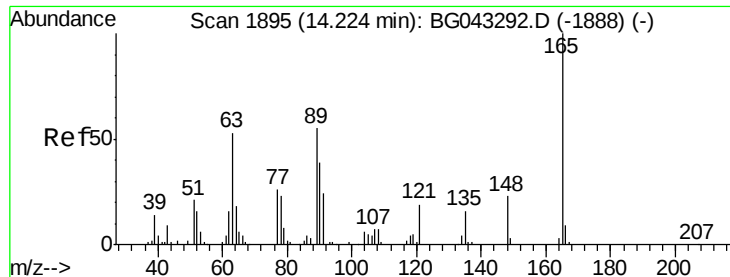
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 8.195 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.43 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

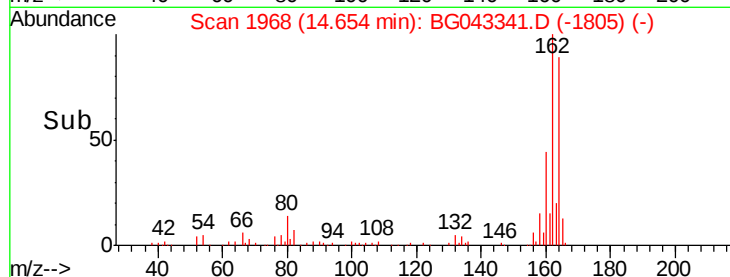
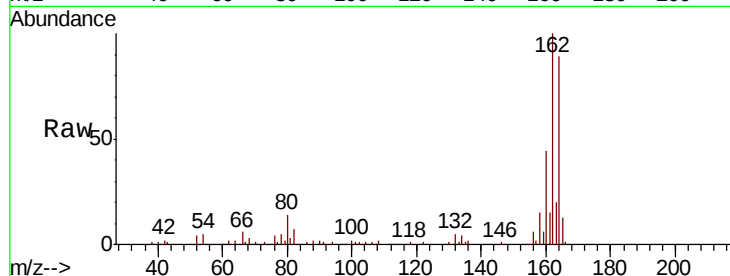
Tot Ion:165 Resp: 13704

Ion Ratio Lower Upper

165 100

63 0.0 47.1 70.7#

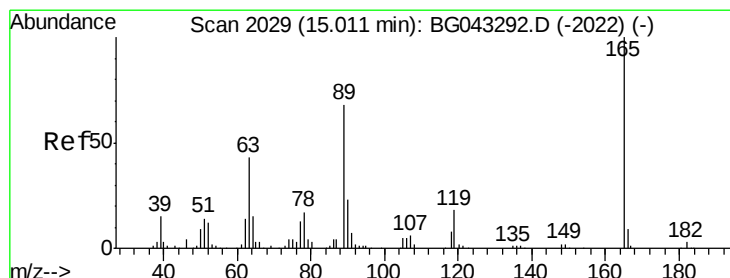
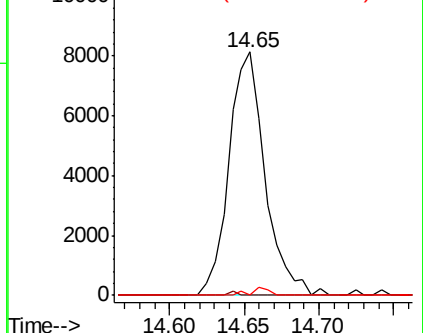
89 0.0 43.7 65.5#



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



#57

2,4-Dinitrotoluene

Concen: 5.734 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.36 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Tgt Ion:165 Resp: 13704

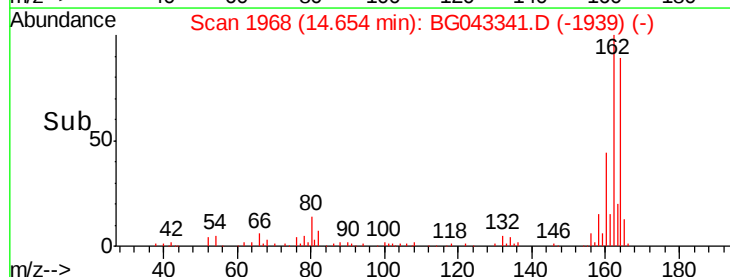
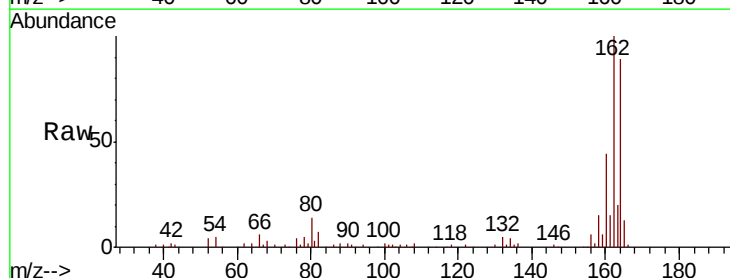
Ion Ratio Lower Upper

165 100

63 0.0 35.0 52.6#

89 0.0 54.1 81.1#

182 0.0 2.2 3.2#

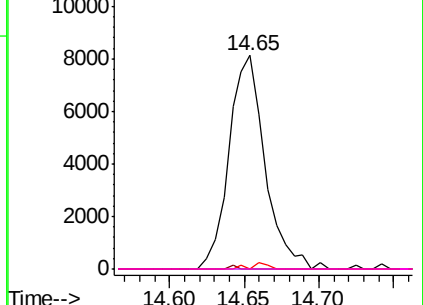


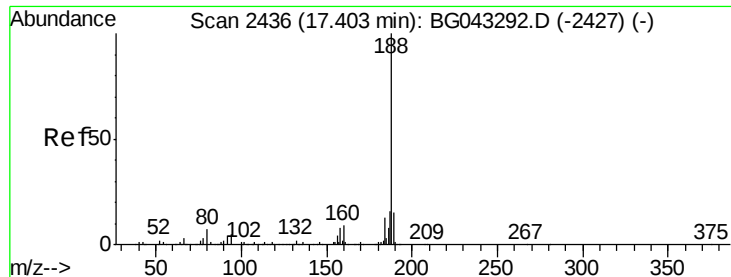
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.40 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

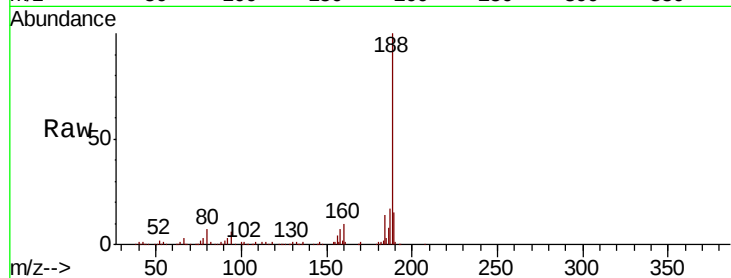
Tot Ion:188 Resp: 244929

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

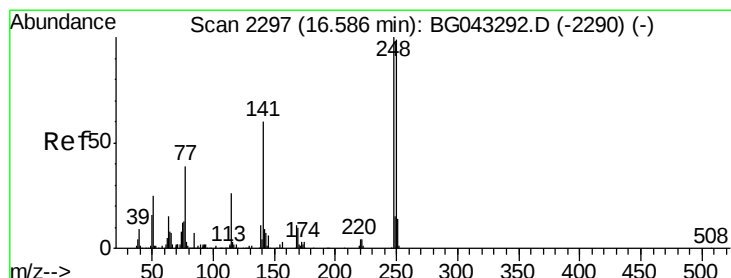
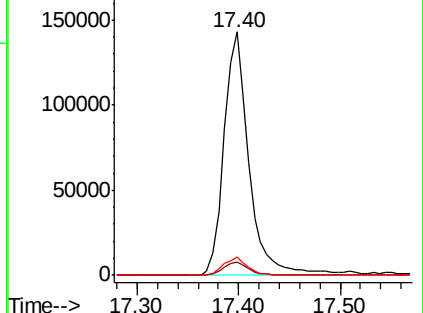
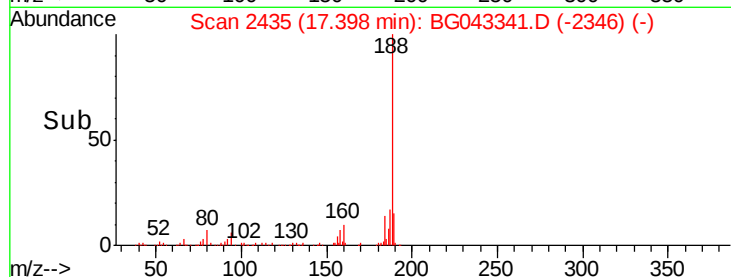
80 7.4 5.2 7.8



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: 5.296 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.45 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

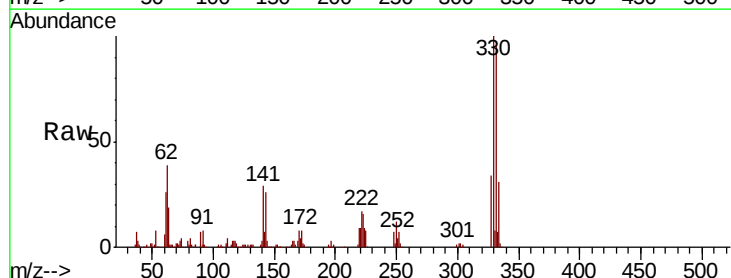
Tgt Ion:248 Resp: 17455

Ion Ratio Lower Upper

248 100

250 188.9 79.3 118.9#

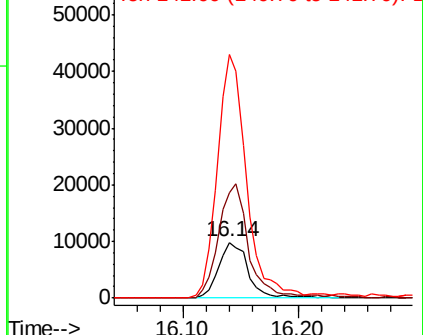
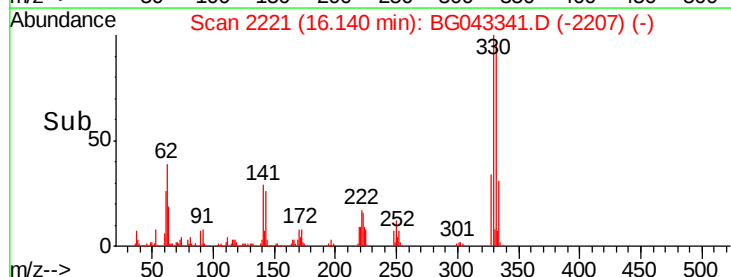
141 436.3 47.9 71.9#

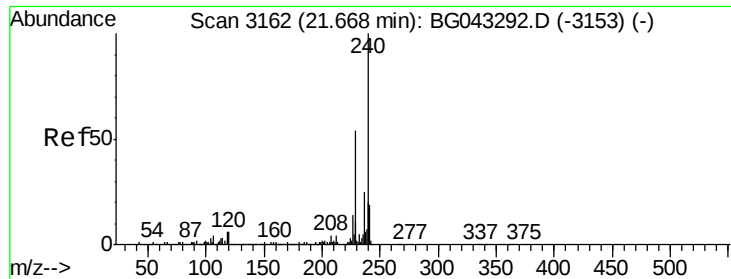


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

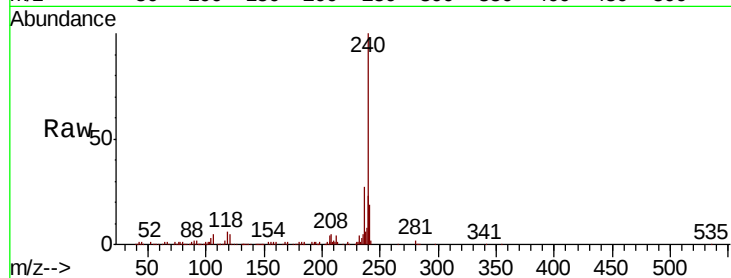
Tot Ion:240 Resp: 276561

Ion Ratio Lower Upper

240 100

120 5.5 4.6 7.0

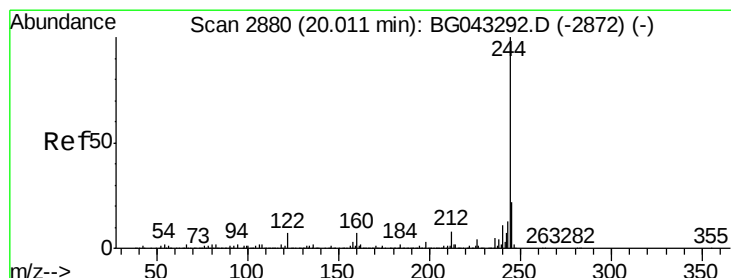
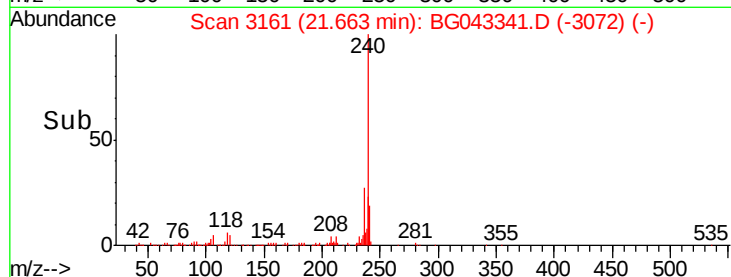
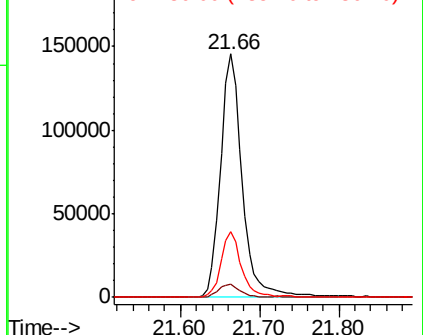
236 27.1 20.2 30.4



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: 99.651 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

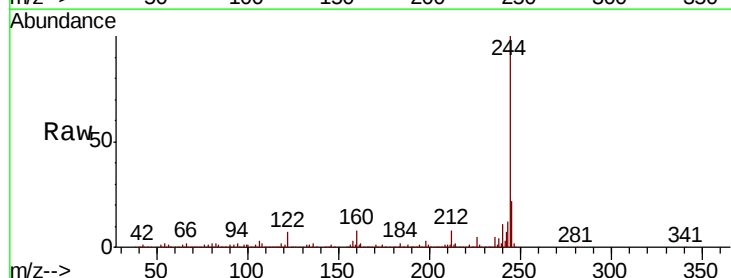
Tgt Ion:244 Resp: 1469014

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

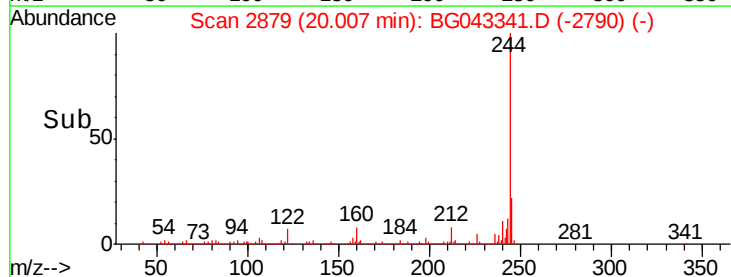
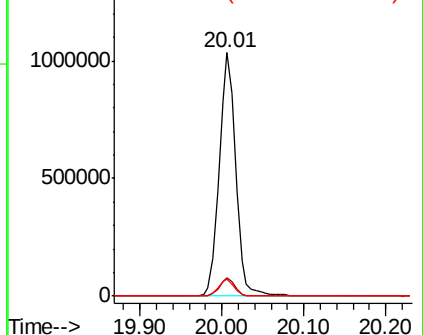
122 7.3 5.3 7.9

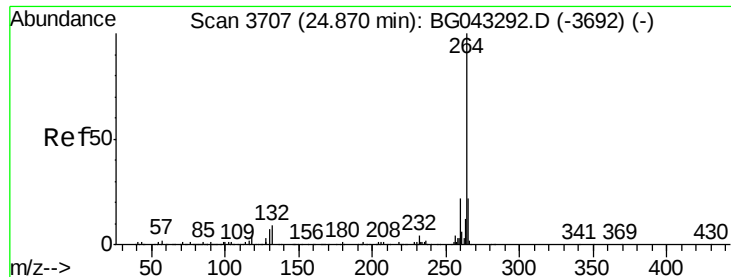


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043341.D
 Acq: 25 Oct 2019 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124157BL

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	17.9	26.9	
265	20.4	17.4	26.2	

