

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043332.D
 Acq On : 24 Oct 2019 15:37
 Operator : JU
 Sample : PB1242525BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 16:51:52 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

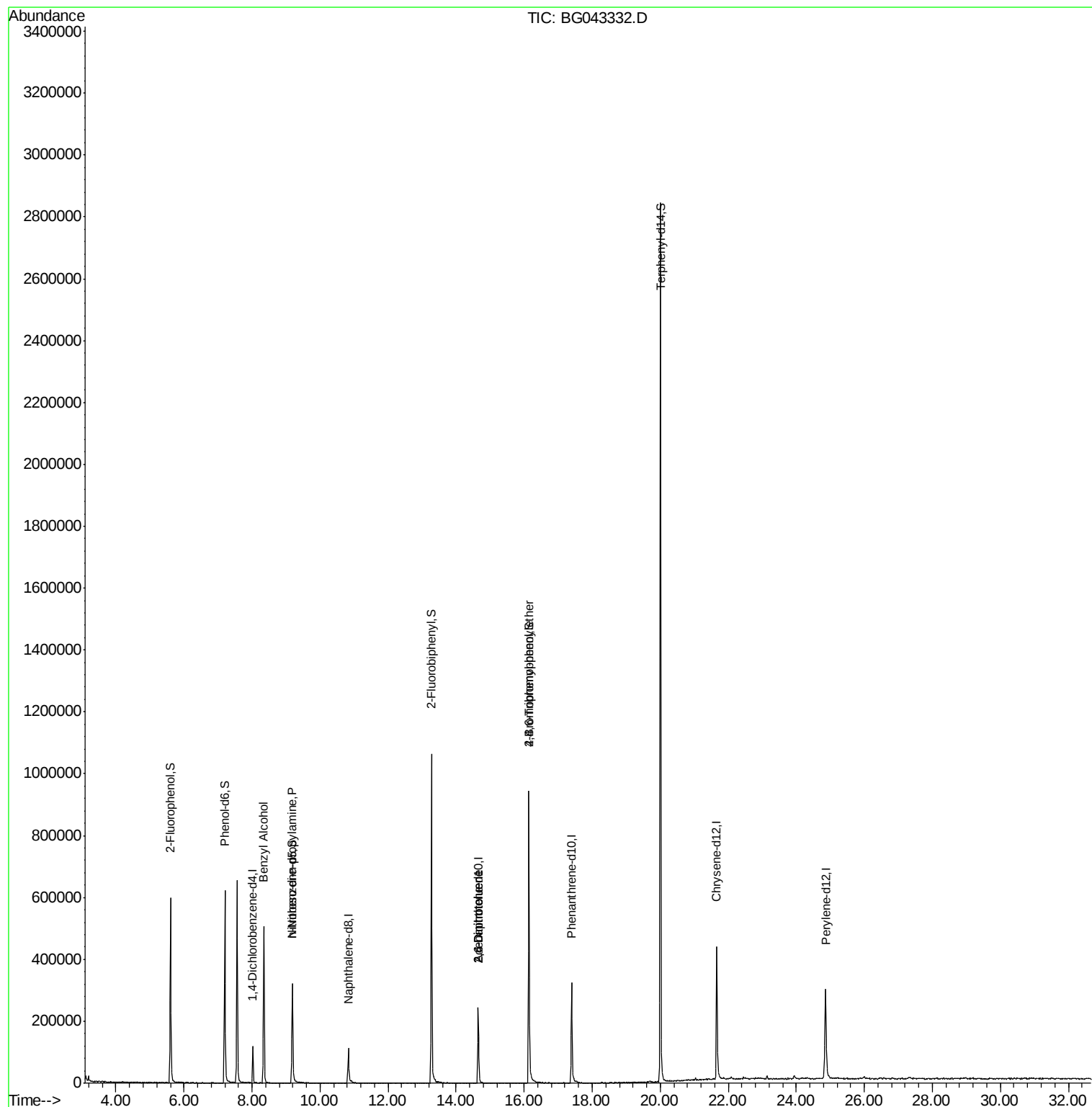
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36848	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	125581	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	100529	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	259771	20.00	ng	0.00
76) Chrysene-d12	21.66	240	331189	20.00	ng	0.00
87) Perylene-d12	24.86	264	379791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	285337	141.90	ng	0.00
7) Phenol-d6	7.20	99	389822	134.74	ng	0.00
23) Nitrobenzene-d5	9.19	82	235899	96.84	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	246038	128.61	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	655746	90.13	ng	0.00
79) Terphenyl-d14	20.01	244	1595823	90.40	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	4680	2.303	ng	# 58
19) n-Nitroso-di-n-propylamine	9.19	70	30872	16.513	ng	# 74
51) 2,6-Dinitrotoluene	14.65	165	13409	7.927	ng	# 25
57) 2,4-Dinitrotoluene	14.65	165	13409	5.547	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	16880	4.828	ng	# 1

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

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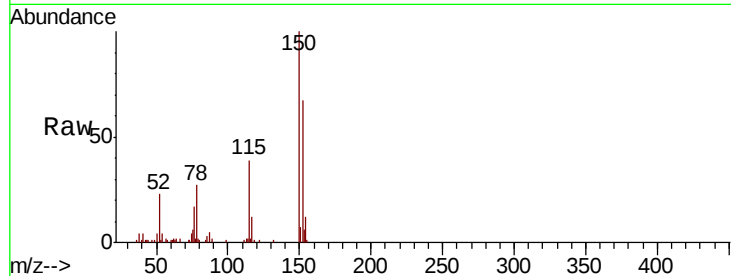


#1

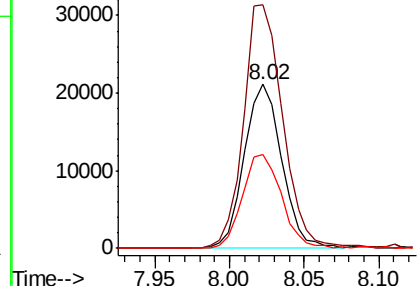
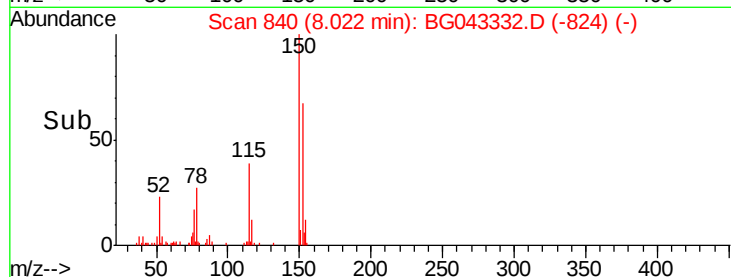
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043332.D
Acq: 24 Oct 2019 15:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	113.6	170.4
115	57.7	45.9	68.9



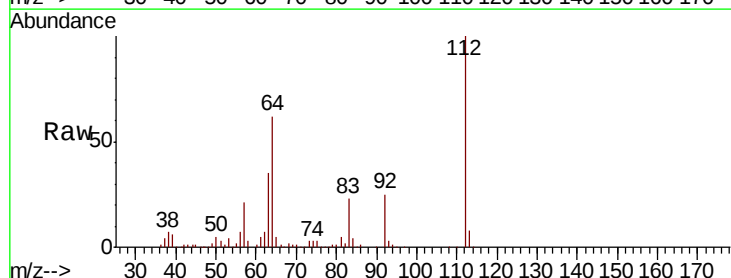
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



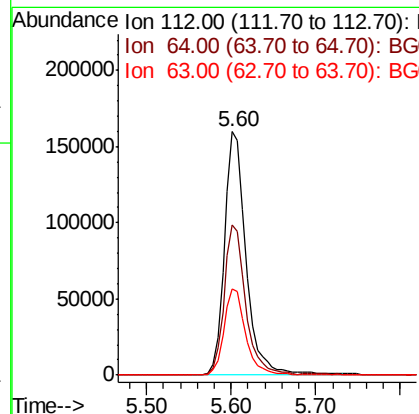
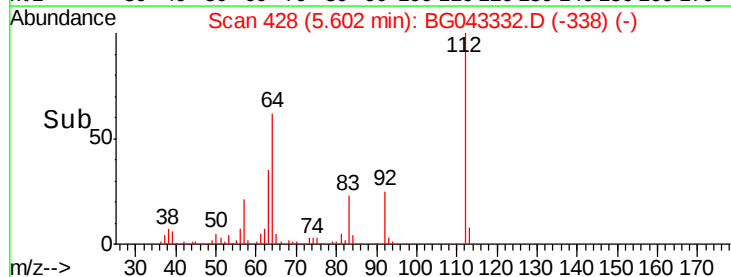
#5

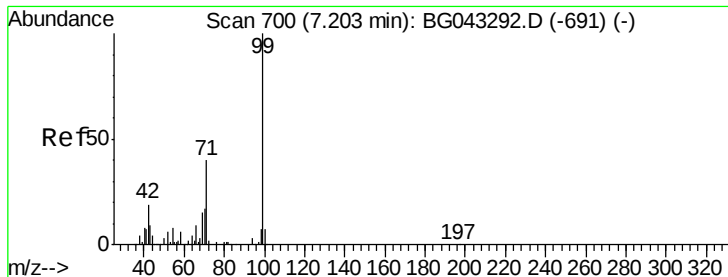
2-Fluorophenol
Concen: 141.898 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043332.D
Acq: 24 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	50.2	75.2
63	35.2	26.7	40.1



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: 134.739 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

Instrument :

BNA_G

ClientSampled :

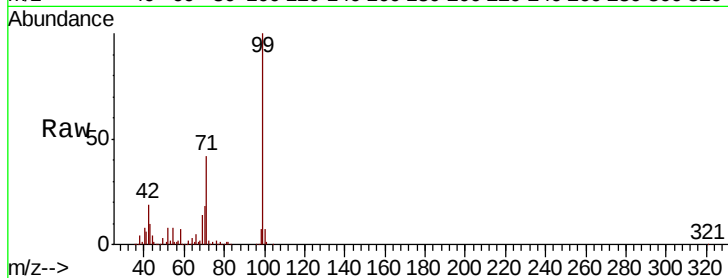
Tot Ion: 99 Resp: 389822

Ion Ratio Lower Upper

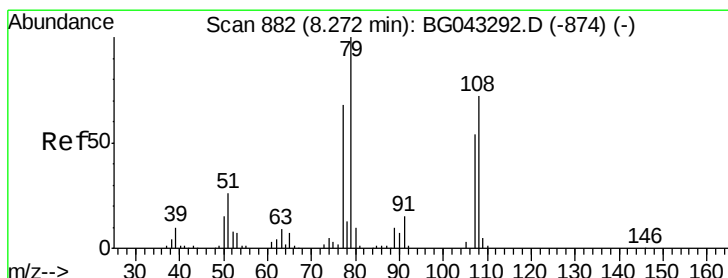
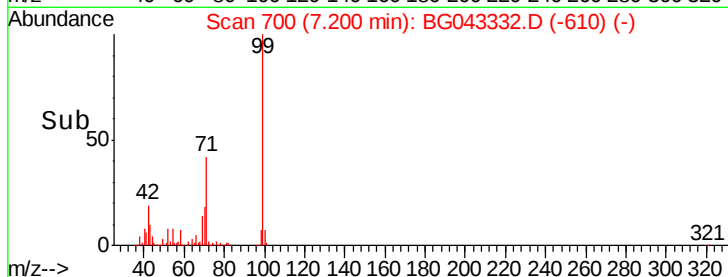
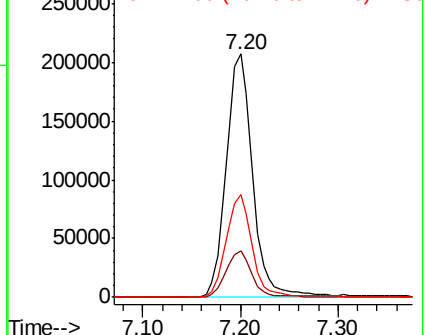
99 100

42 19.1 14.9 22.3

71 42.1 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: 2.303 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

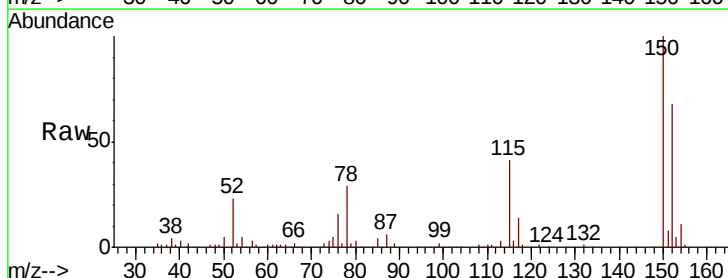
Tgt Ion: 79 Resp: 4680

Ion Ratio Lower Upper

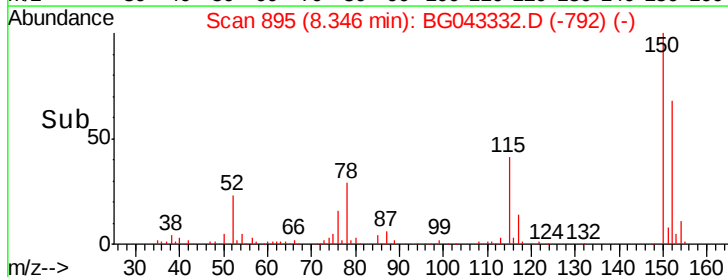
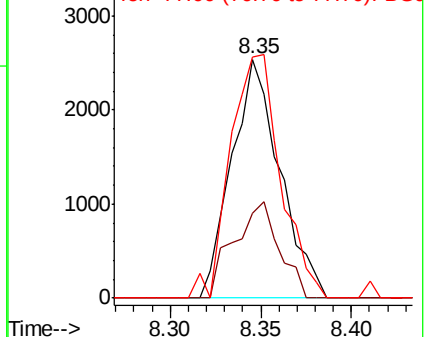
79 100

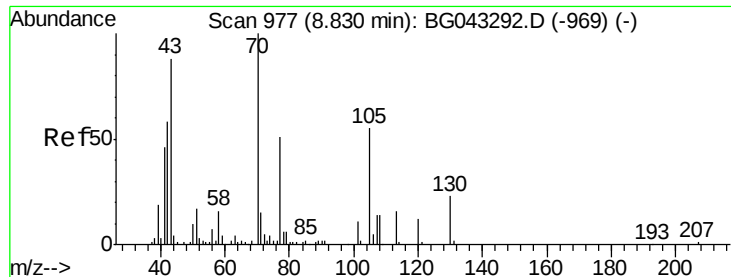
108 35.6 57.3 85.9#

77 101.2 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: 16.513 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.36 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 30872

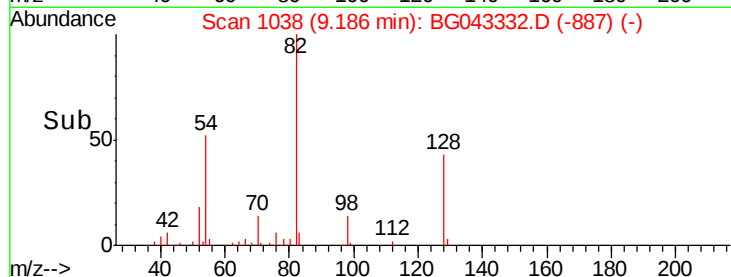
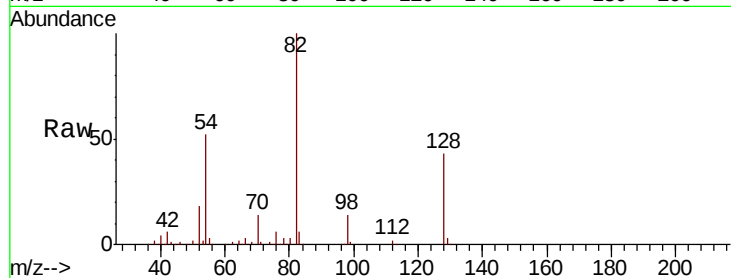
Ion Ratio Lower Upper

70 100

42 43.6 46.2 69.2#

101 0.0 8.6 13.0#

130 2.0 18.6 27.8#

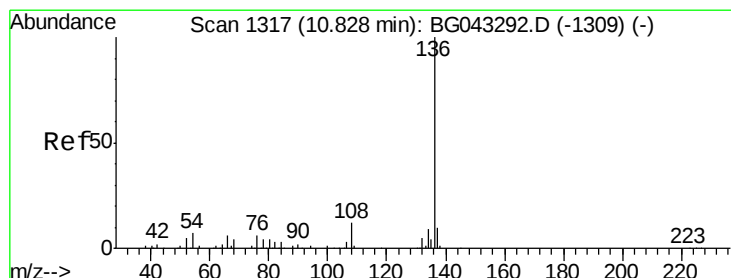
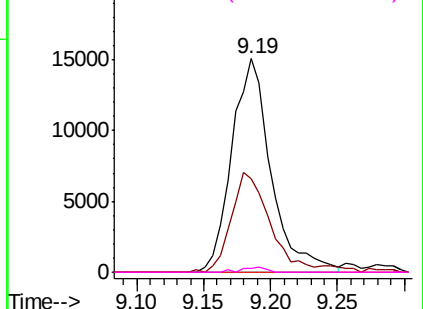


Abundance Ion 70.00 (69.70 to 70.70): BGC

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# 1318

Delta R.T. 0.00 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

Tgt Ion: 136 Resp: 125581

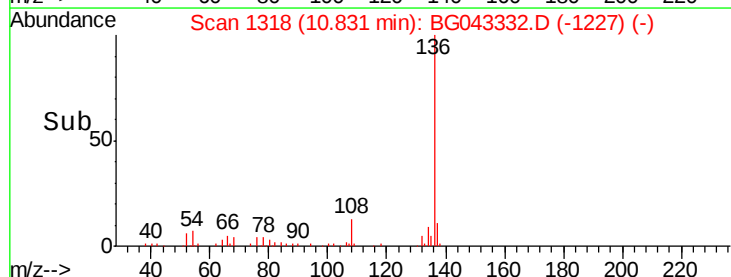
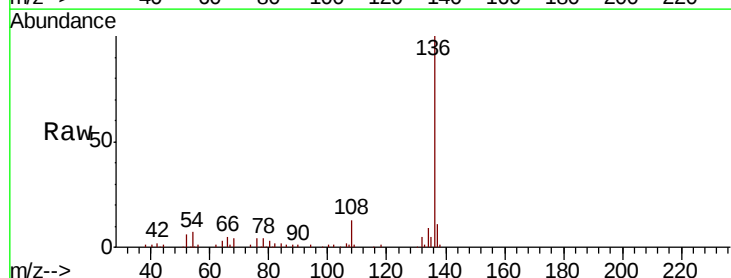
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.2

54 7.2 5.4 8.2

68 3.8 3.3 4.9

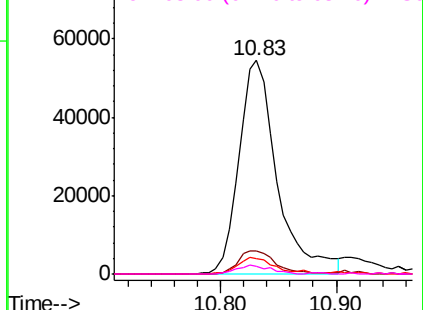


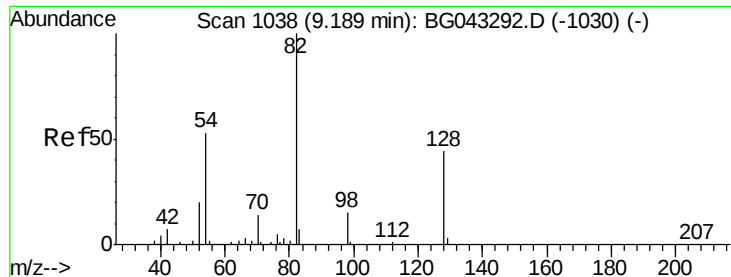
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 96.843 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

Instrument :

BNA_G

ClientSampleId :

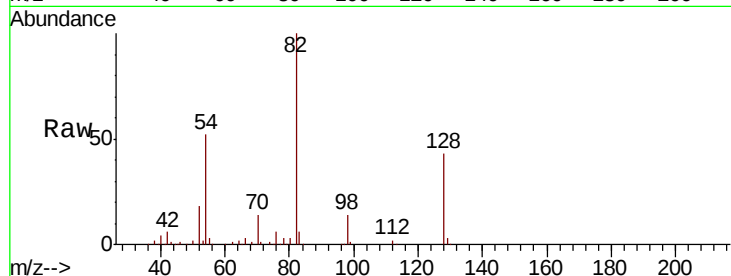
Tot Ion: 82 Resp: 235899

Ion Ratio Lower Upper

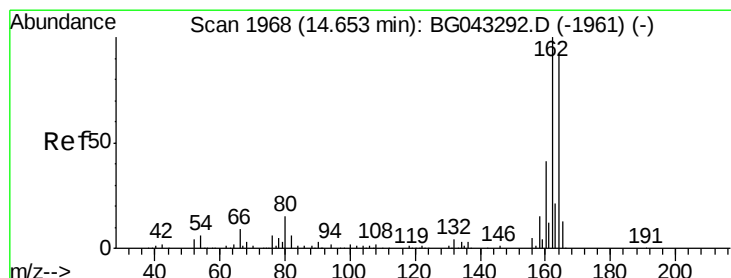
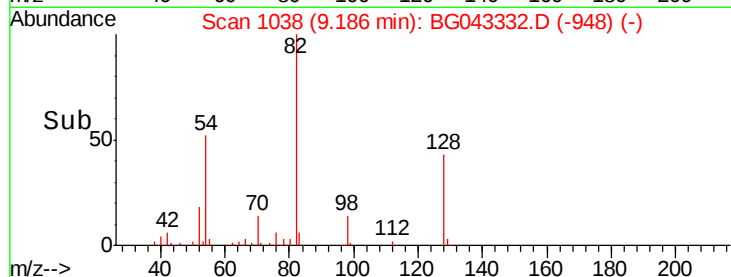
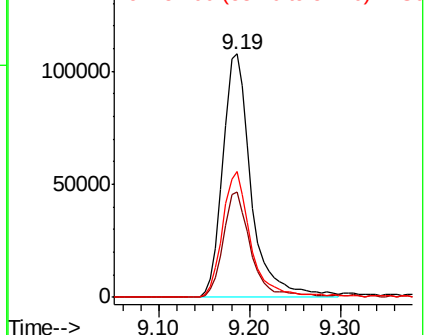
82 100

128 43.3 35.3 52.9

54 51.6 42.3 63.5



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

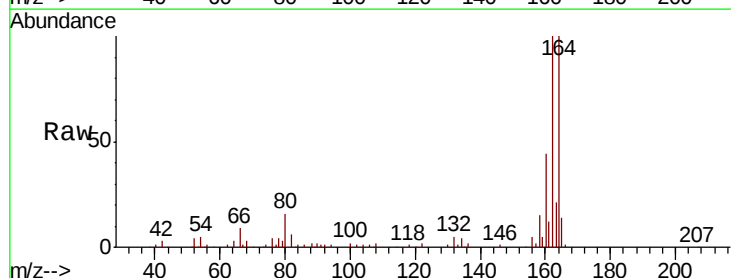
Tgt Ion: 164 Resp: 100529

Ion Ratio Lower Upper

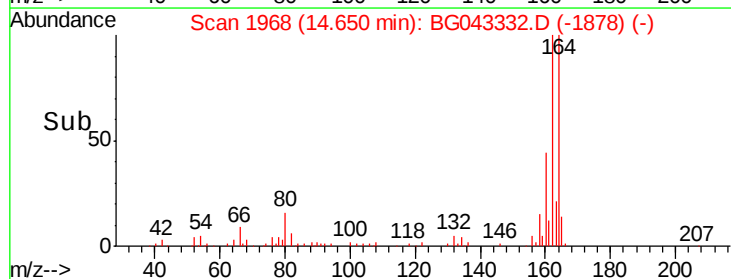
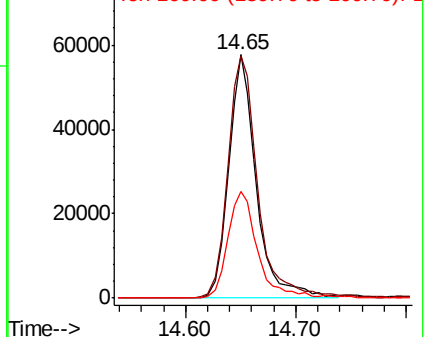
164 100

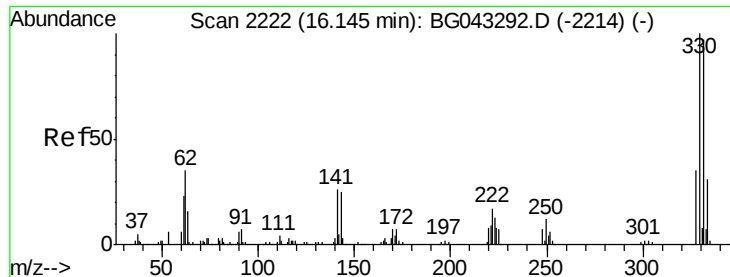
162 99.7 87.0 130.4

160 43.9 35.5 53.3



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

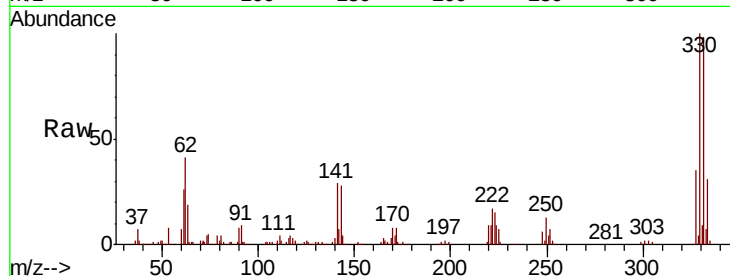




#42
 2,4,6-Tribromophenol
 Concen: 128.609 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043332.D
 Acq: 24 Oct 2019 15:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.4	114.6
141	28.0	21.4	32.0

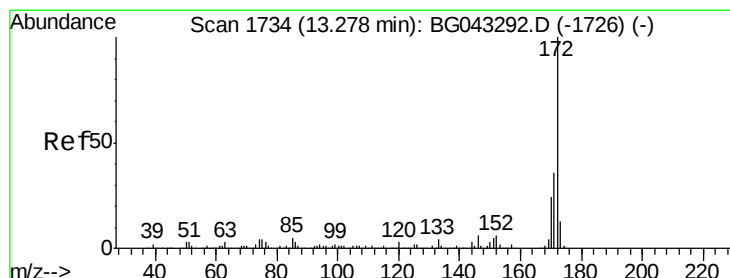
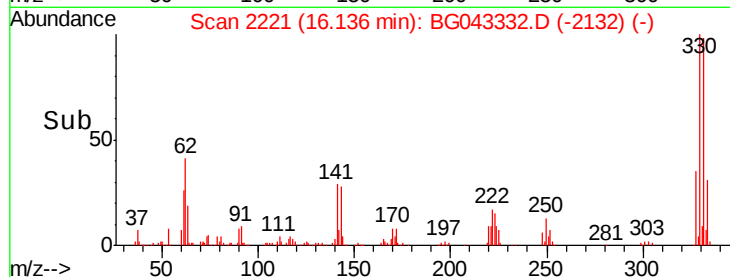
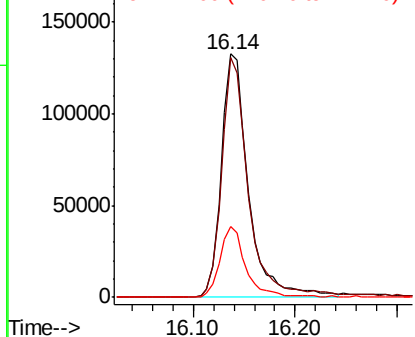


Abundance

Ion 329.80 (329.50 to 330.50): E

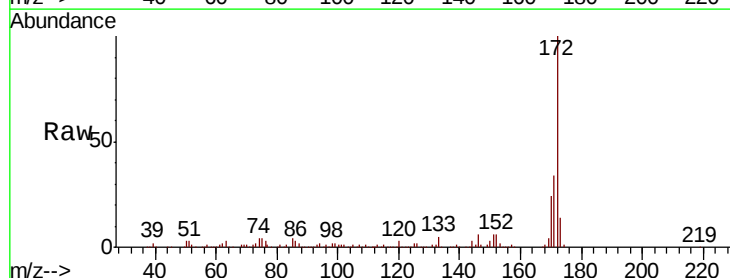
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.134 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043332.D
 Acq: 24 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.7	18.8	28.2

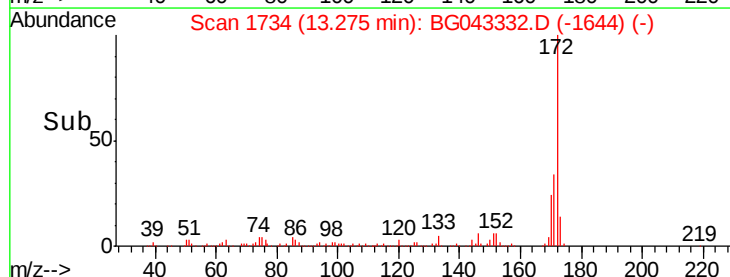
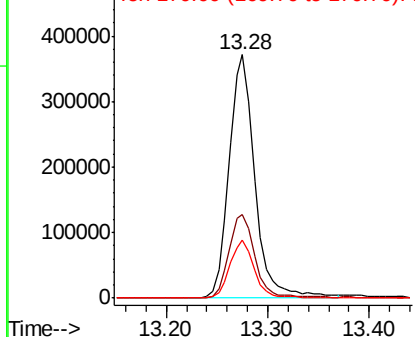


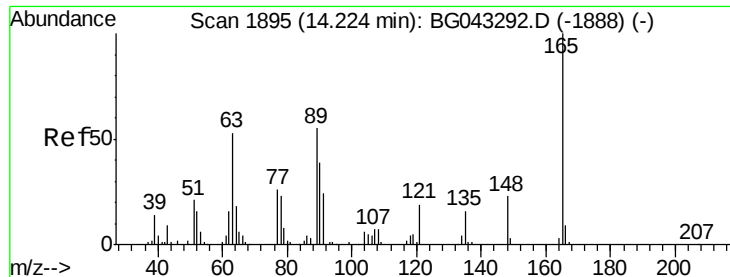
Abundance

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

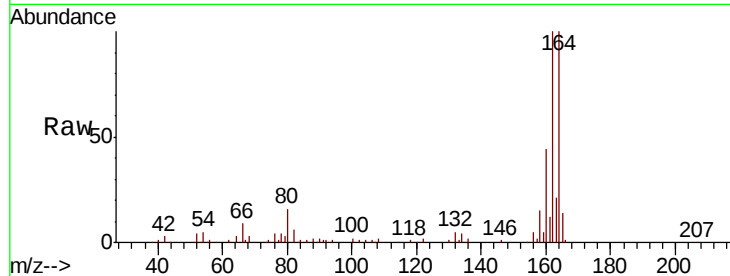




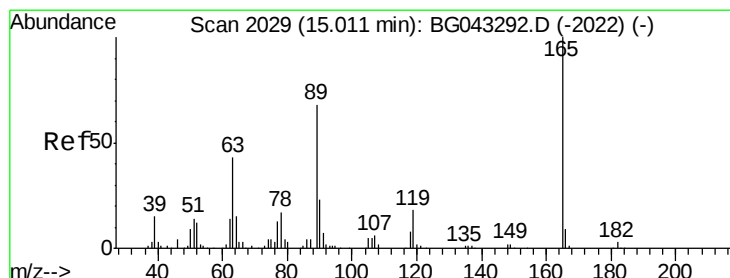
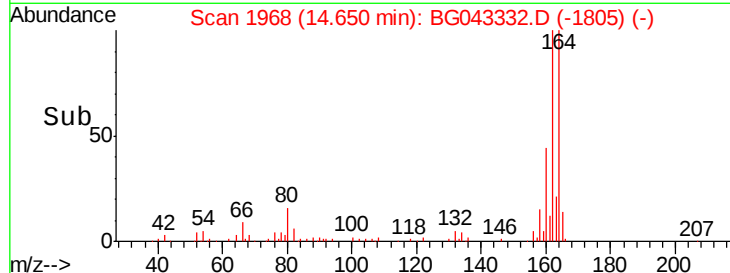
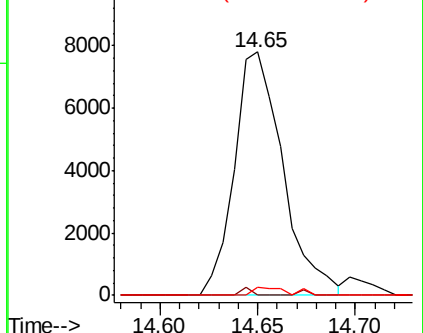
#51
 2,6-Dinitrotoluene
 Concen: 7.927 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.43 min
 Lab File: BG043332.D
 Acq: 24 Oct 2019 15:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.1	70.7#
89	3.3	43.7	65.5#



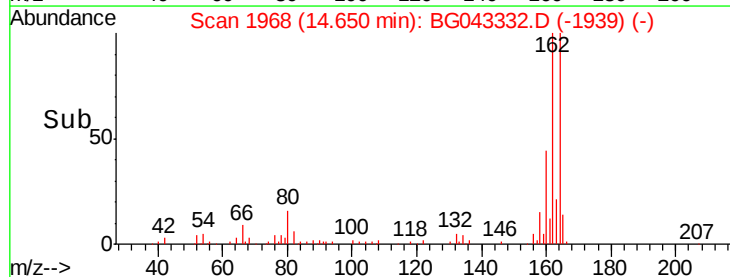
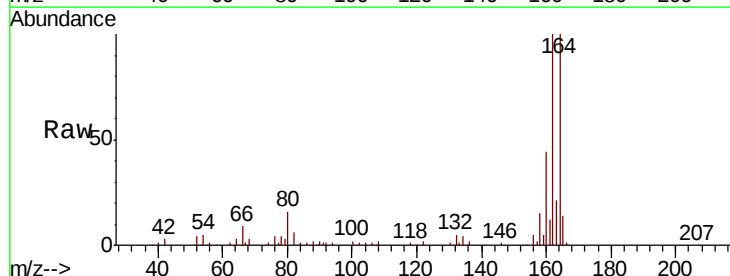
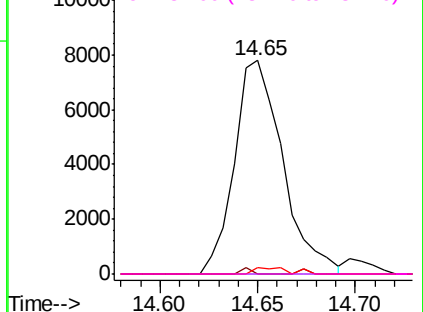
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

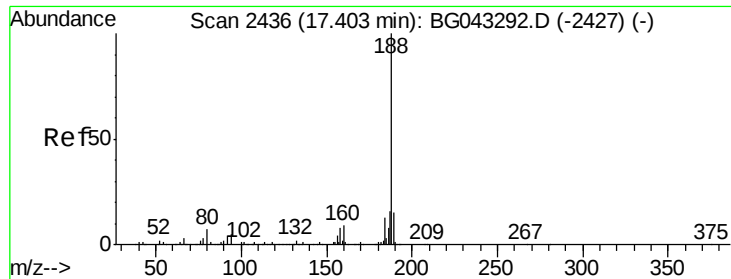


#57
 2,4-Dinitrotoluene
 Concen: 5.547 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG043332.D
 Acq: 24 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	3.3	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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

Instrument :

BNA_G

ClientSampleId :

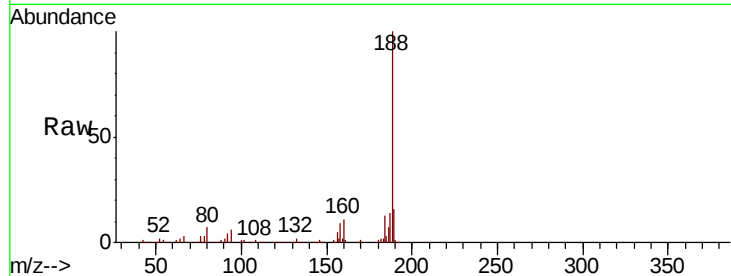
Tot Ion:188 Resp: 259771

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.2

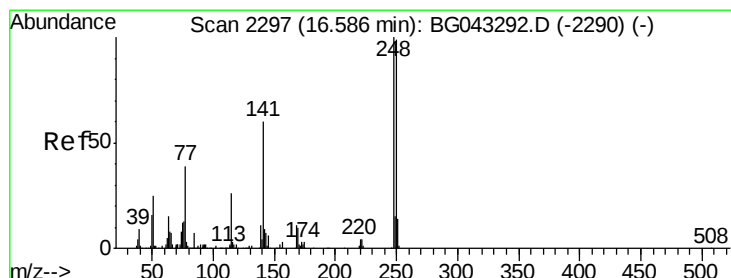
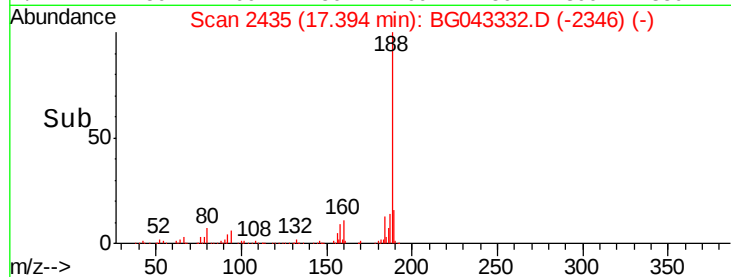
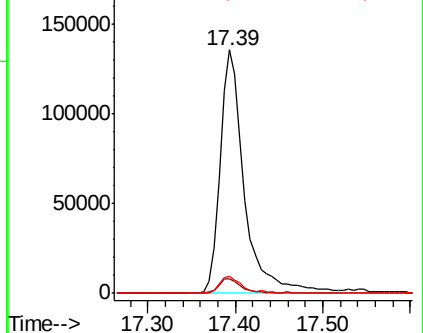
80 7.1 5.2 7.8



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: 4.828 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.44 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

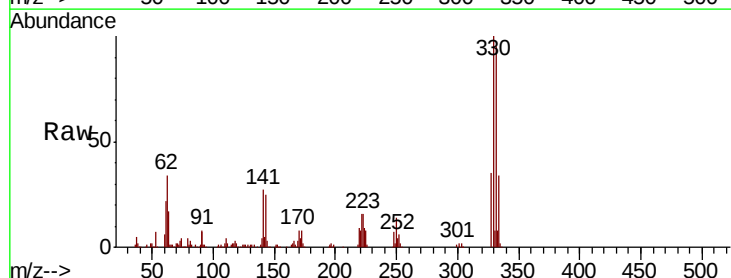
Tgt Ion:248 Resp: 16880

Ion Ratio Lower Upper

248 100

250 197.9 79.3 118.9#

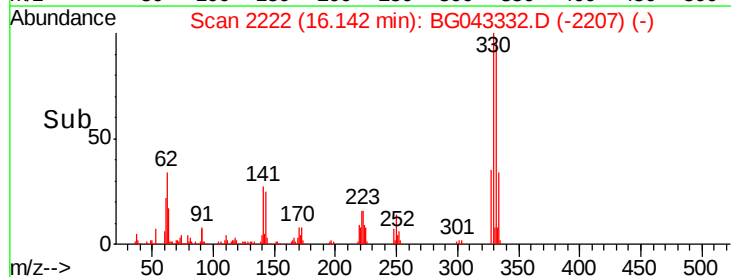
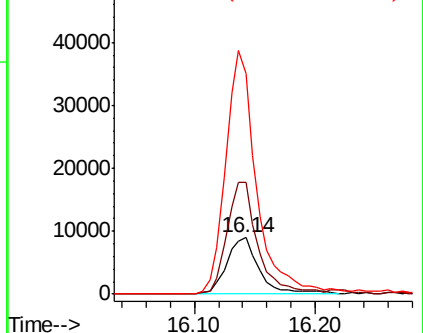
141 389.6 47.9 71.9#

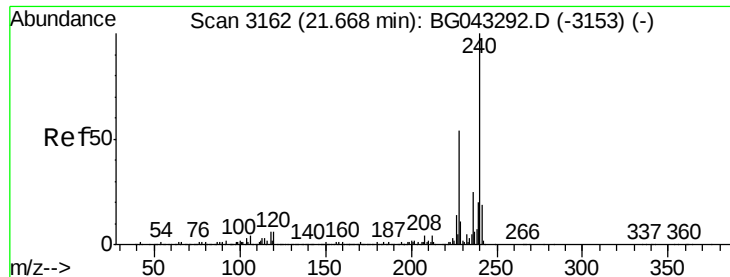


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.01 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

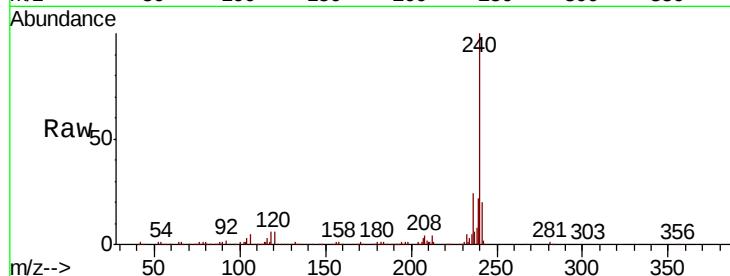
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 331189

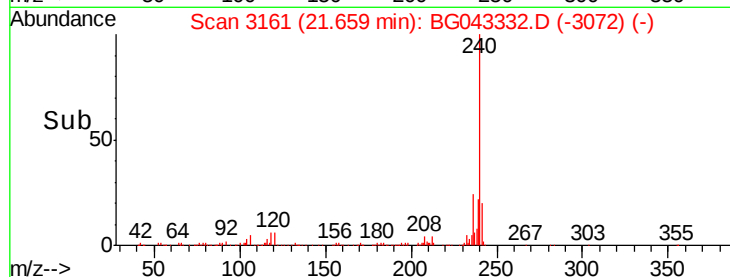
Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	7.0
236	24.3	20.2	30.4



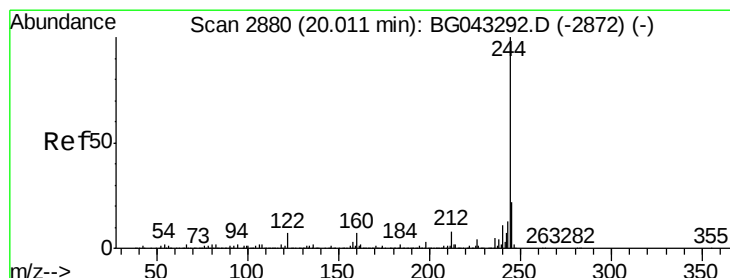
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 90.397 ng

RT: 20.01 min Scan# 2880

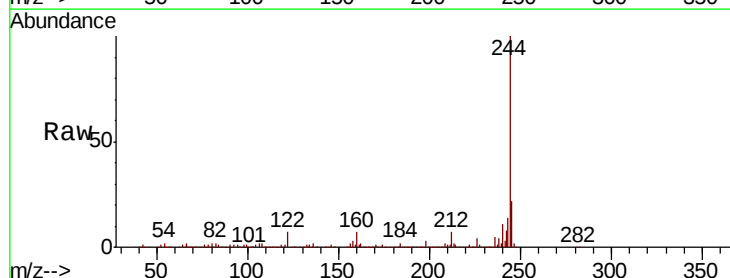
Delta R.T. -0.00 min

Lab File: BG043332.D

Acq: 24 Oct 2019 15:37

Tgt Ion:244 Resp: 1595823

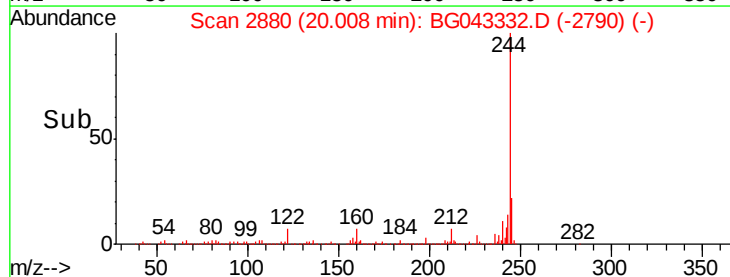
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	6.8	5.3	7.9



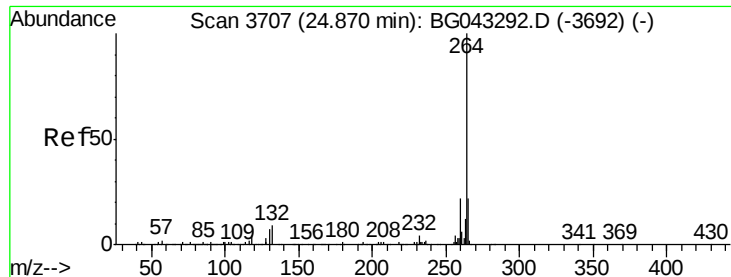
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043332.D
Acq: 24 Oct 2019 15:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
379791	264	100		
	260	23.8	17.9	26.9
	265	22.4	17.4	26.2

