

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
 Data File : BG043286.D
 Acq On : 18 Oct 2019 21:56
 Operator : JU
 Sample : PB124106BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BL

Quant Time: Oct 19 00:36:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

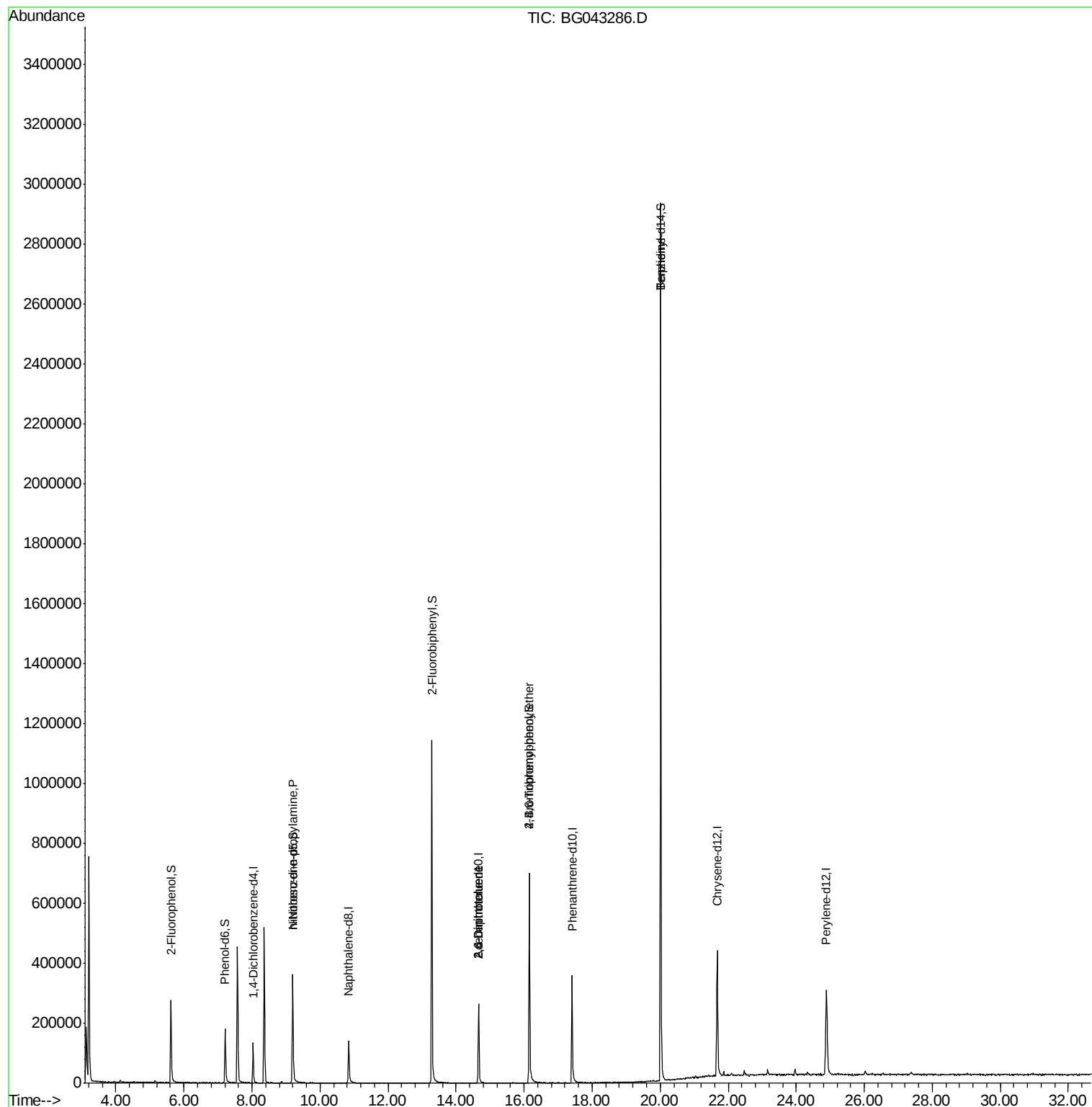
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43581	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	152195	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	113135	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	282845	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	321938	20.00	ng	-0.01
87) Perylene-d12	24.89	264	355063	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	138572	56.74	ng	-0.02
7) Phenol-d6	7.21	99	122346	34.79	ng	-0.02
23) Nitrobenzene-d5	9.20	82	258358	82.51	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	197471	101.51	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	708306	90.76	ng	-0.02
79) Terphenyl-d14	20.02	244	1580433	104.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	36388	15.758	ng	# 75
51) 2,6-Dinitrotoluene	14.66	165	15600	8.642	ng	# 21
57) 2,4-Dinitrotoluene	14.66	165	15775	5.967	ng	# 25
67) 4-Bromophenyl-phenylether	16.15	248	12705	3.579	ng	# 1
77) Benzidine	20.02	184	22459	2.786	ng	94

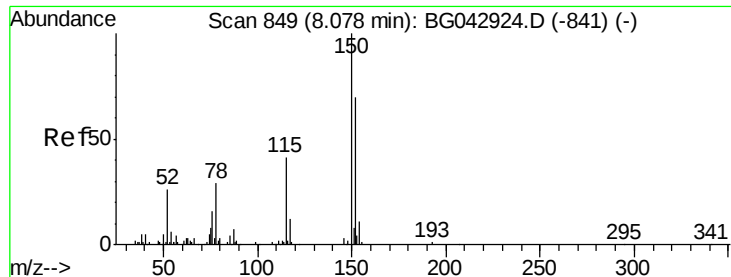
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043286.D
Acq On : 18 Oct 2019 21:56
Operator : JU
Sample : PB124106BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124106BL

Quant Time: Oct 19 00:36:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration



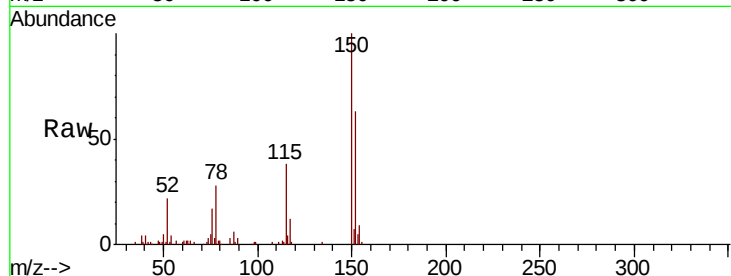


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043286.D
Acq: 18 Oct 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124106BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	115.0	172.4
115	60.1	47.0	70.6

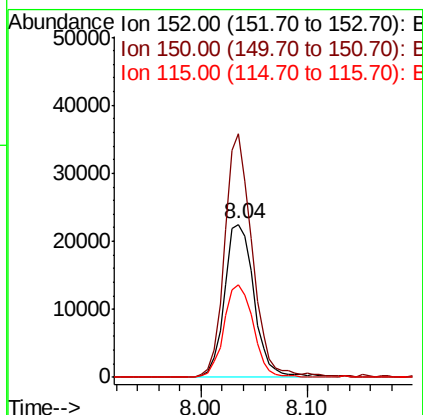
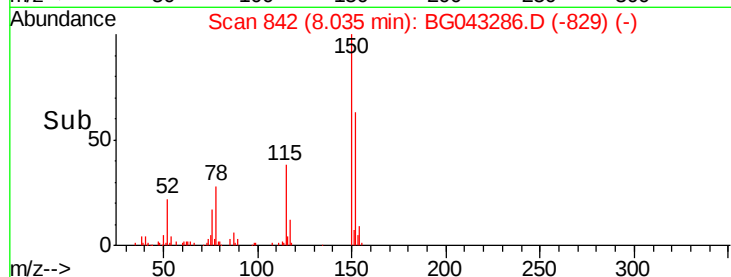


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

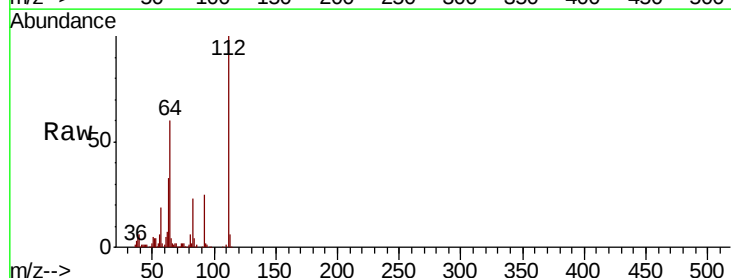
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.745 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.02 min
Lab File: BG043286.D
Acq: 18 Oct 2019 21:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	56.6	84.8
63	33.1	35.1	52.7#

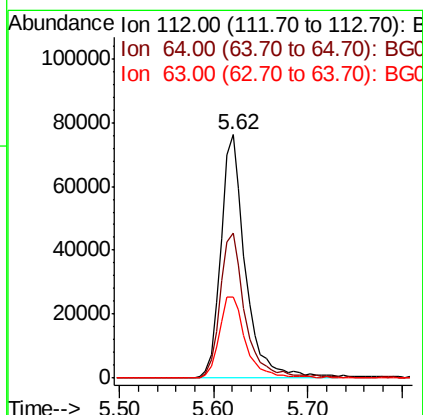
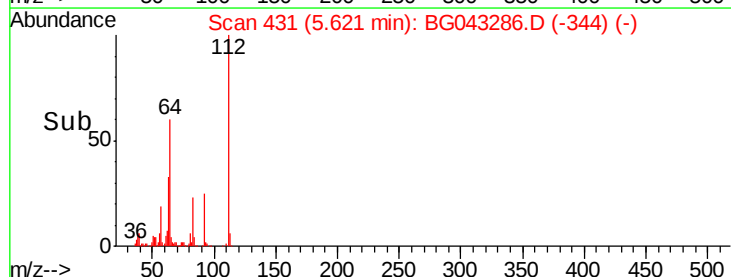


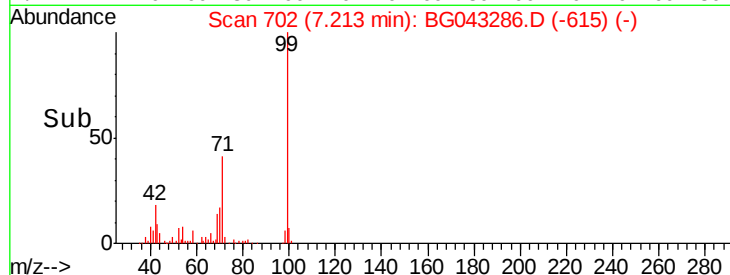
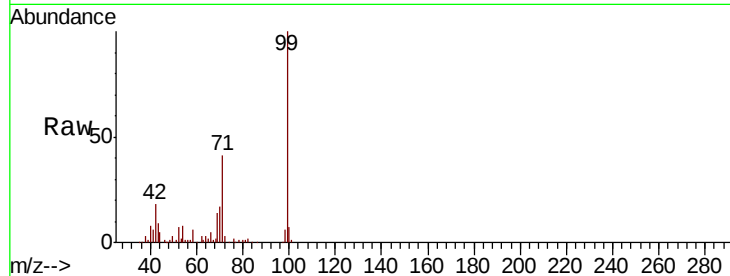
Abundance

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: 34.790 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG043286.D

Acq: 18 Oct 2019 21:56

Instrument :

BNA_G

ClientSampleId :

PB124106BL

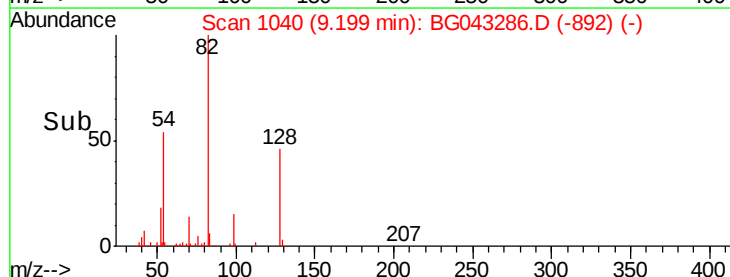
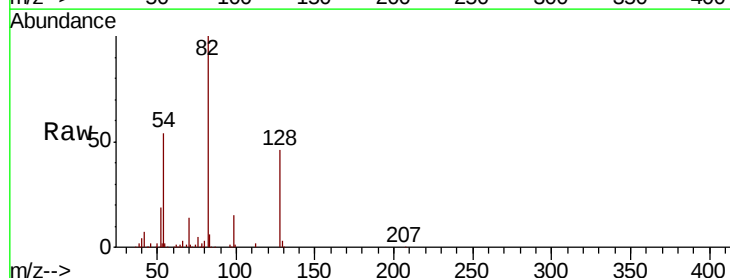
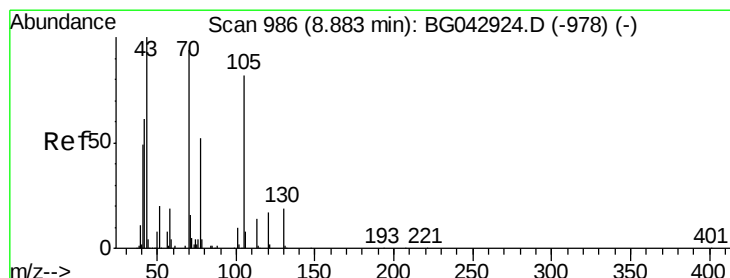
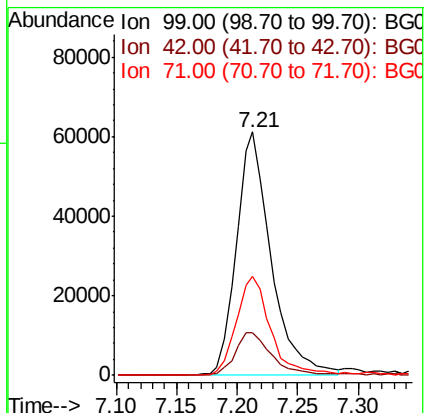
Tot Ion: 99 Resp: 122346

Ion Ratio Lower Upper

99 100

42 17.6 17.2 25.8

71 40.6 33.1 49.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.758 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG043286.D

Acq: 18 Oct 2019 21:56

Tgt Ion: 70 Resp: 36388

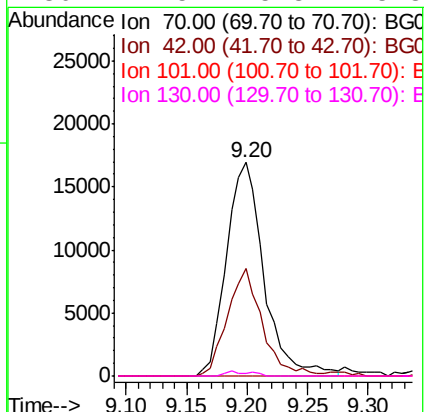
Ion Ratio Lower Upper

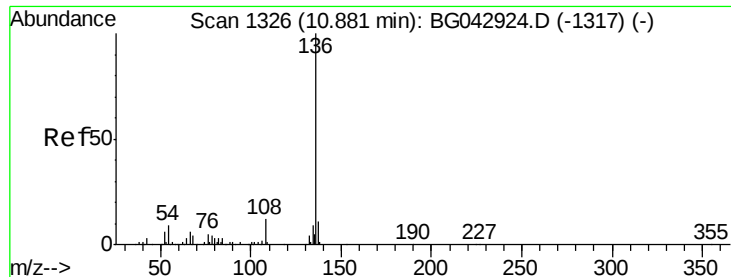
70 100

42 50.4 52.6 79.0#

101 0.0 8.7 13.1#

130 1.5 15.8 23.8#

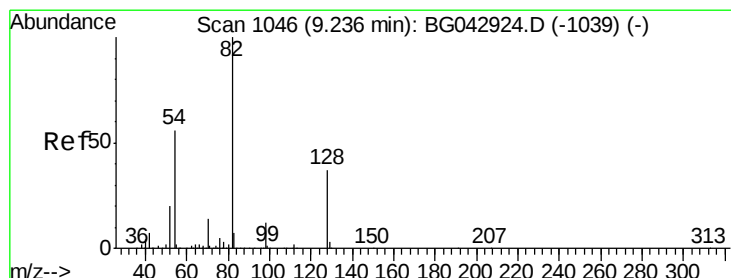
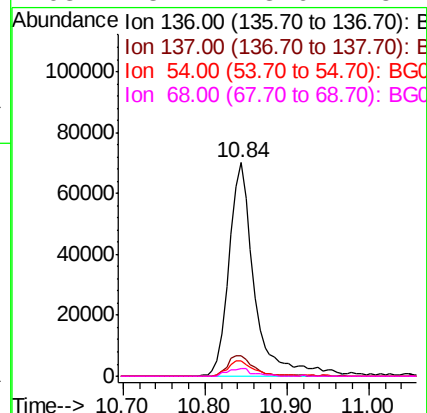
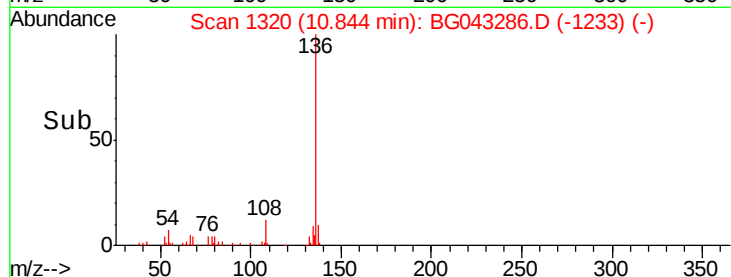
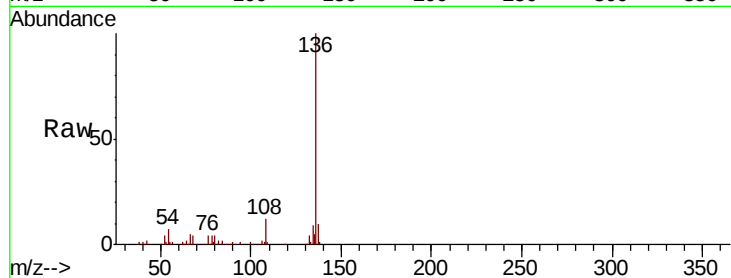




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043286.D
Acq: 18 Oct 2019 21:56

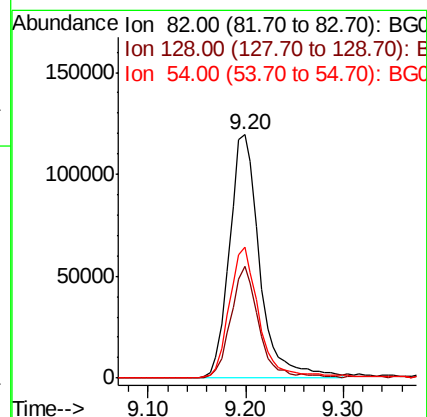
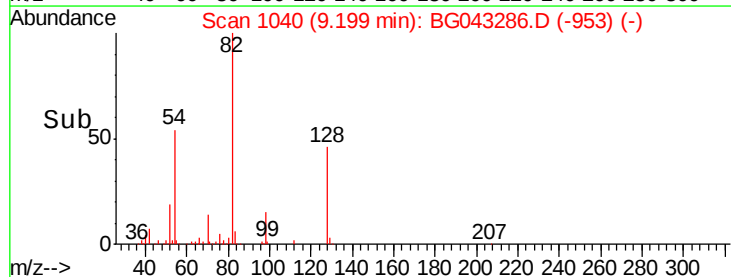
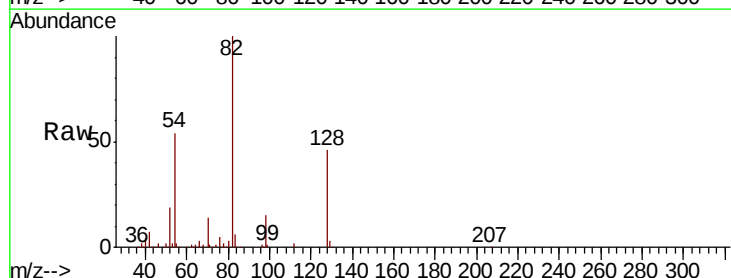
Instrument :
BNA_G
ClientSampleId :
PB124106BL

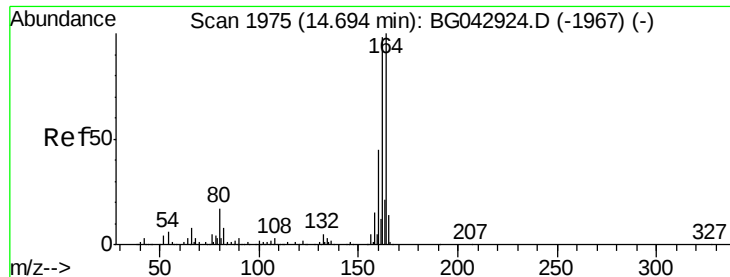
Tot Ion:136	Resp:	152195
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.5 12.7
54	6.9	7.4 11.2#
68	3.7	3.6 5.4



#23
Nitrobenzene-d5
Concen: 82.509 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043286.D
Acq: 18 Oct 2019 21:56

Tgt Ion: 82	Resp:	258358
Ion Ratio	Lower	Upper
82	100	
128	45.8	29.5 44.3#
54	54.0	44.6 67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043286.D

Acq: 18 Oct 2019 21:56

Instrument :

BNA_G

ClientSampleId :

PB124106BL

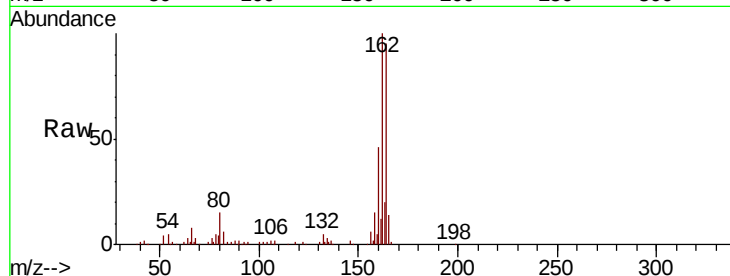
Tot Ion:164 Resp: 113135

Ion Ratio Lower Upper

164 100

162 104.9 78.5 117.7

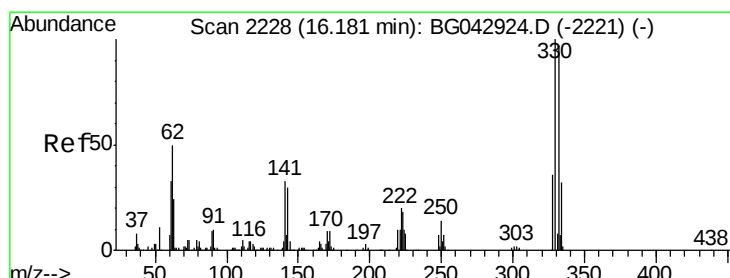
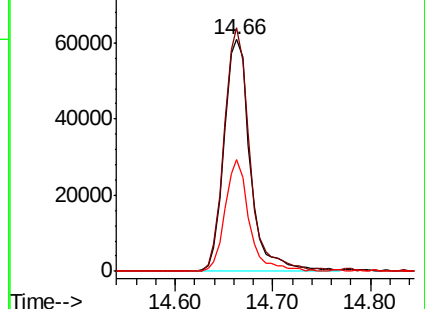
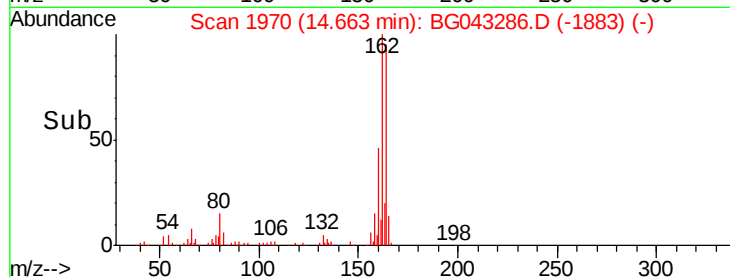
160 47.9 35.9 53.9



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: 101.505 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG043286.D

Acq: 18 Oct 2019 21:56

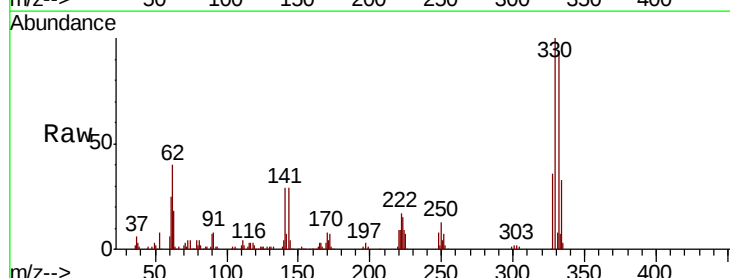
Tgt Ion:330 Resp: 197471

Ion Ratio Lower Upper

330 100

332 95.7 78.2 117.2

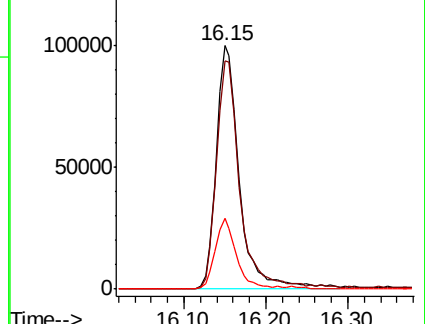
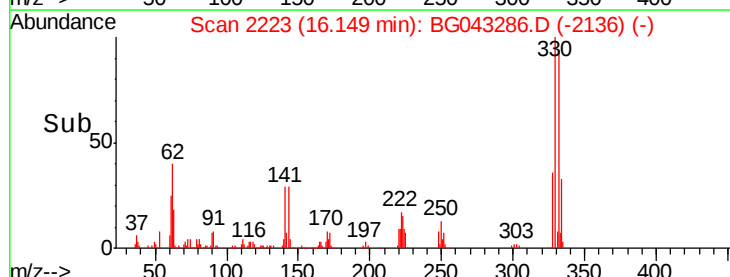
141 26.8 26.0 39.0

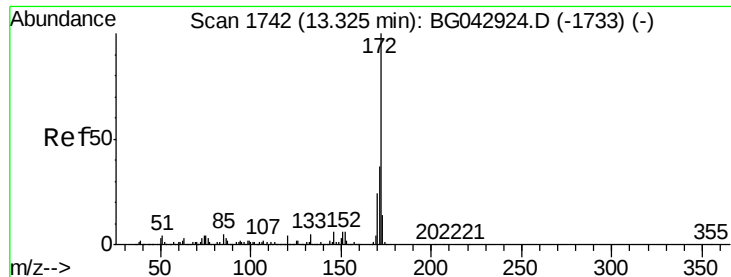


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

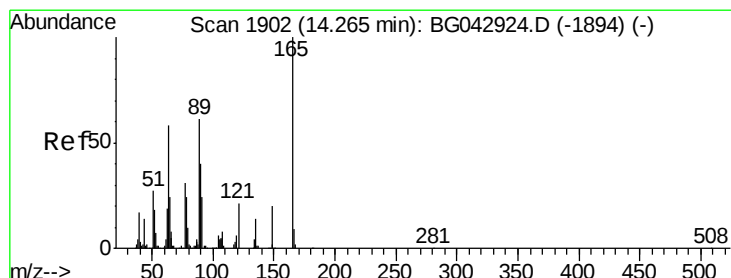
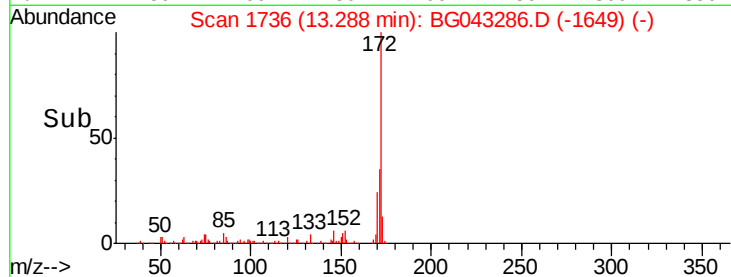
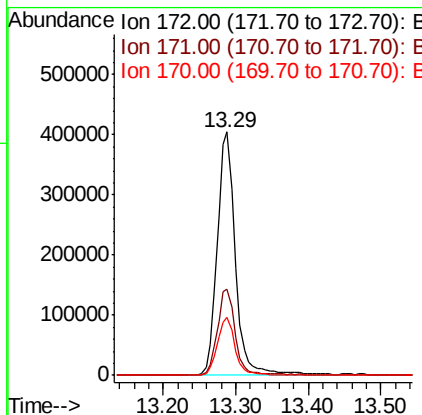
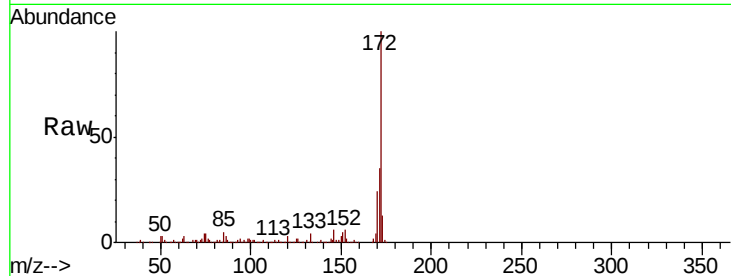




#45
 2-Fluorobiphenyl
 Concen: 90.761 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG043286.D
 Acq: 18 Oct 2019 21:56

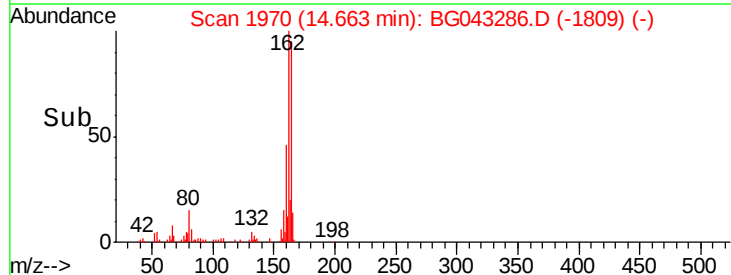
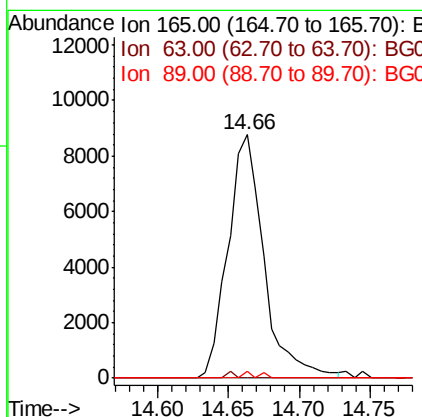
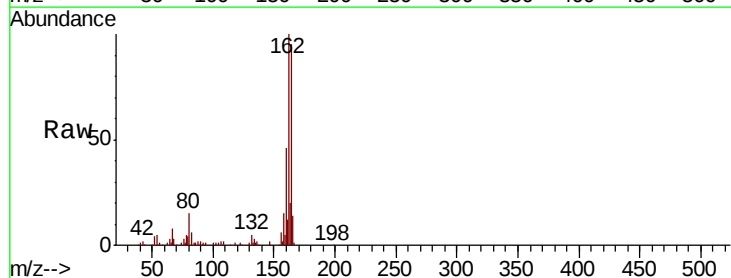
Instrument :
 BNA_G
 ClientSampleId :
 PB124106BL

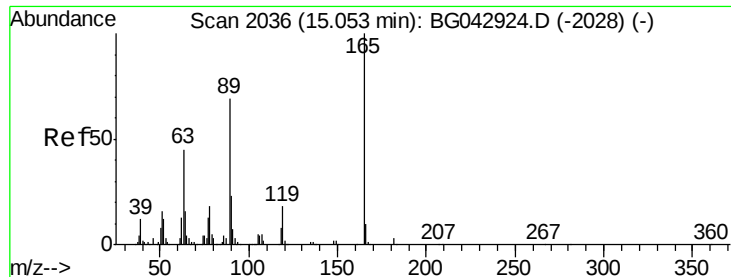
Tot Ion:	172	Resp:	708306
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.0	19.6	29.4



#51
 2,6-Dinitrotoluene
 Concen: 8.642 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.42 min
 Lab File: BG043286.D
 Acq: 18 Oct 2019 21:56

Tgt Ion:	165	Resp:	15600
Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.3	75.5#
89	2.7	48.9	73.3#





#57

2,4-Dinitrotoluene

Concen: 5.967 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.37 min

Lab File: BG043286.D

Acq: 18 Oct 2019 21:56

Instrument :

BNA_G

ClientSampleId :

PB124106BL

Tot Ion:165 Resp: 15775

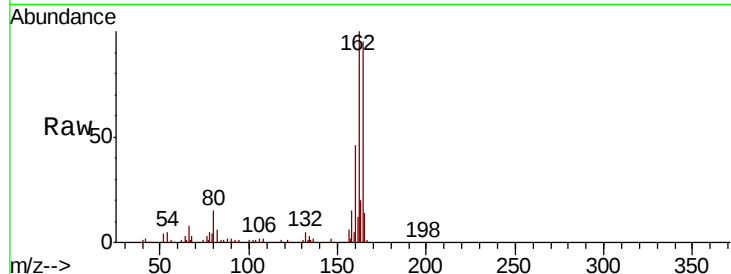
Ion Ratio Lower Upper

165 100

63 0.0 36.5 54.7#

89 2.7 55.5 83.3#

182 0.0 2.4 3.6#

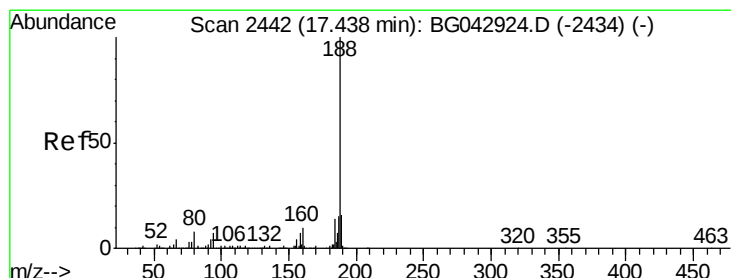
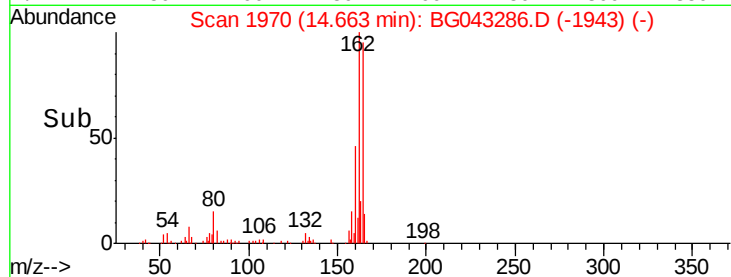
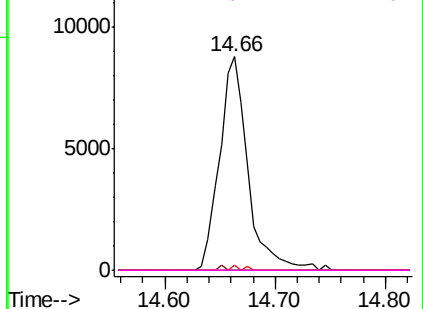


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG043286.D

Acq: 18 Oct 2019 21:56

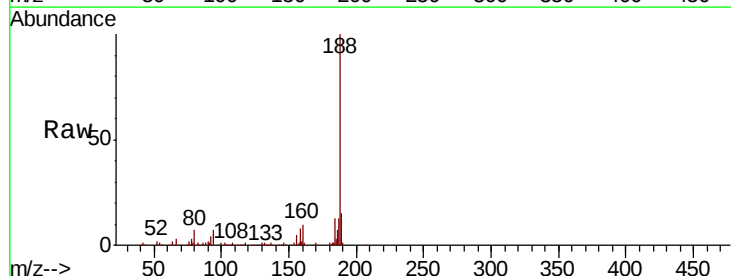
Tgt Ion:188 Resp: 282845

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

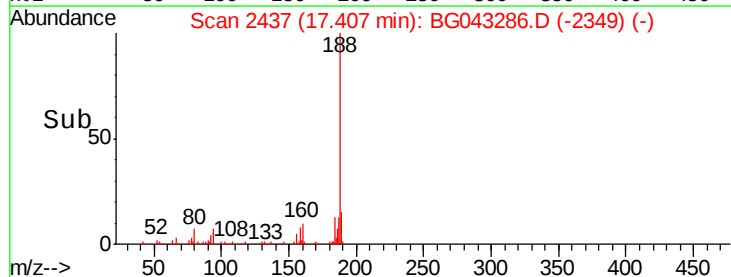
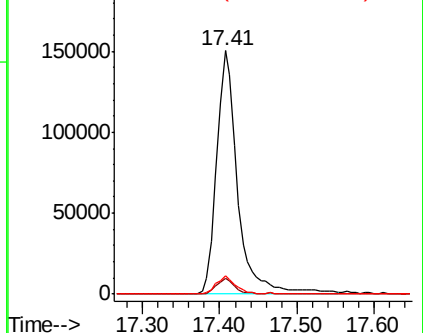
80 7.4 6.5 9.7

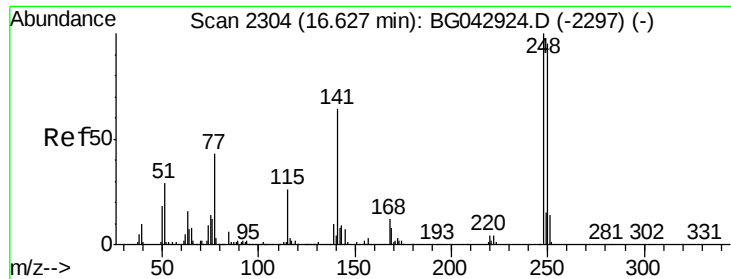


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

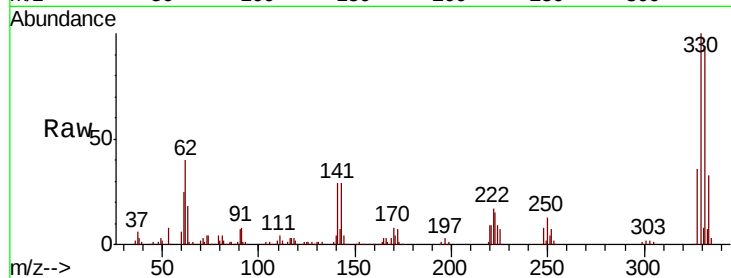




#67
 4-Bromophenyl-phenylether
 Concen: 3.579 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.46 min
 Lab File: BG043286.D
 Acq: 18 Oct 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BL

Tot Ion	Ratio	Lower	Upper
248	100		
250	170.9	75.8	113.8#
141	383.6	51.1	76.7#

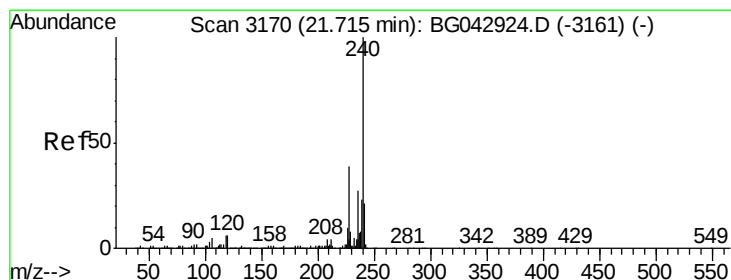
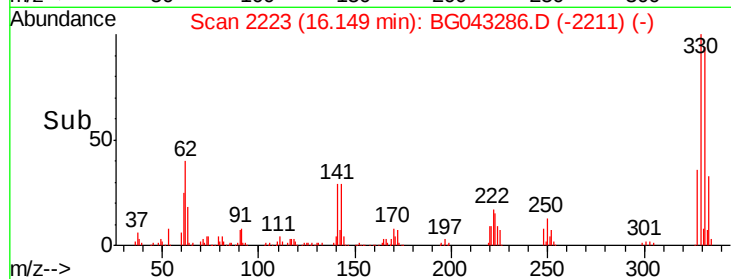
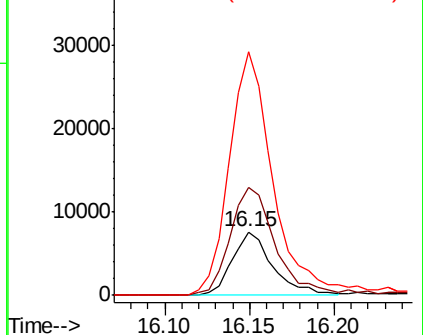


Abundance

Ion 248.00 (247.70 to 248.70): E

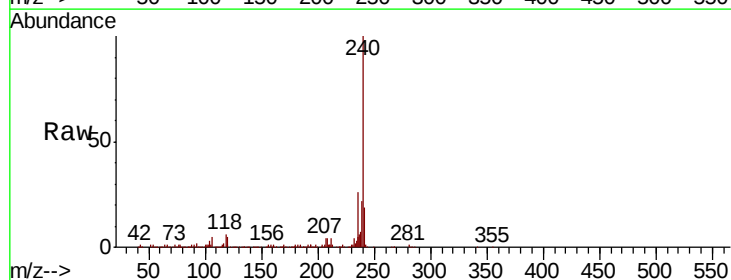
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG043286.D
 Acq: 18 Oct 2019 21:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.8	7.2
236	26.1	21.4	32.0

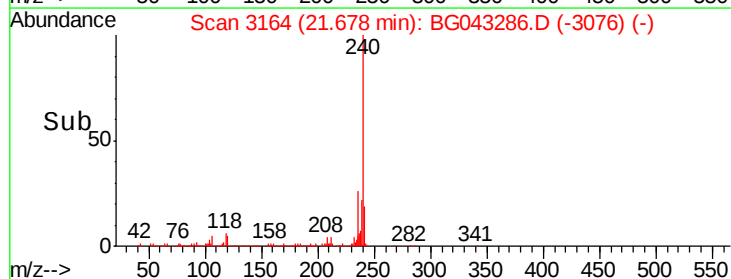
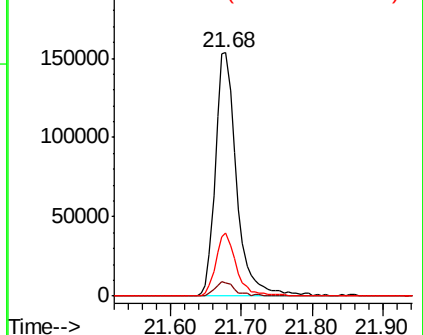


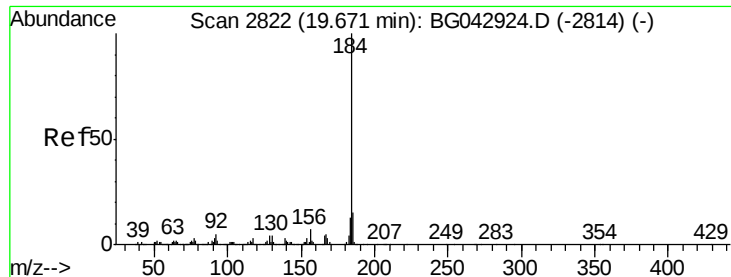
Abundance

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: 2.786 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.36 min

Lab File: BG043286.D

Acq: 18 Oct 2019 21:56

Instrument :

BNA_G

ClientSampleId :

PB124106BL

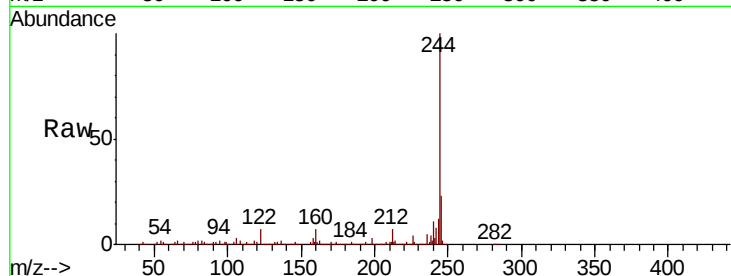
Tot Ion:184 Resp: 22459

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.8

183 10.8 10.1 15.1

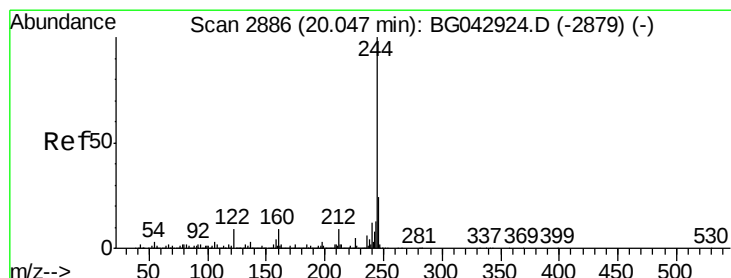
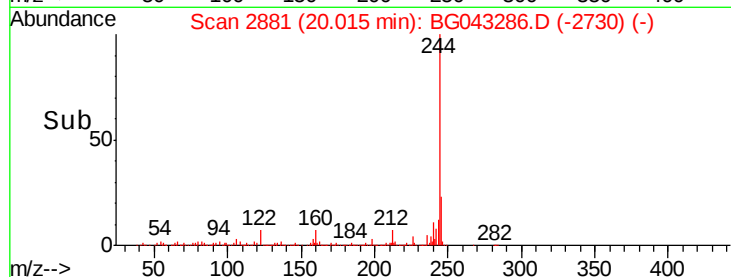
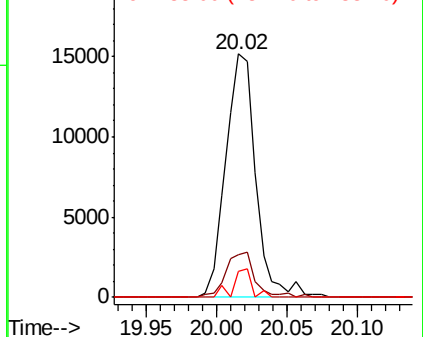


Abundance

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: 104.608 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG043286.D

Acq: 18 Oct 2019 21:56

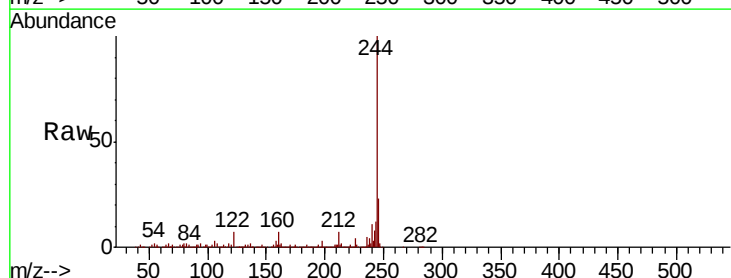
Tgt Ion:244 Resp: 1580433

Ion Ratio Lower Upper

244 100

212 7.4 7.4 11.0

122 7.4 7.0 10.4

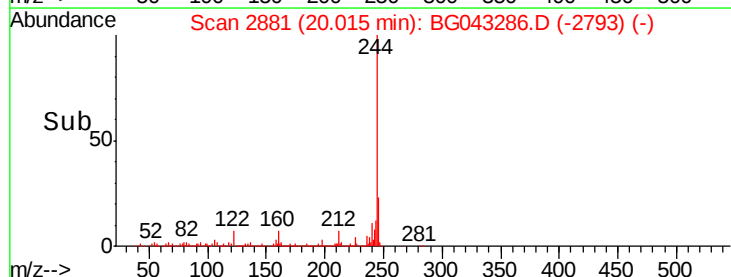
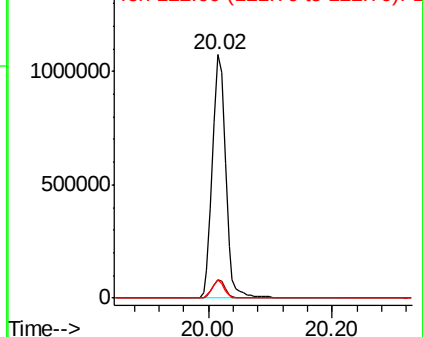


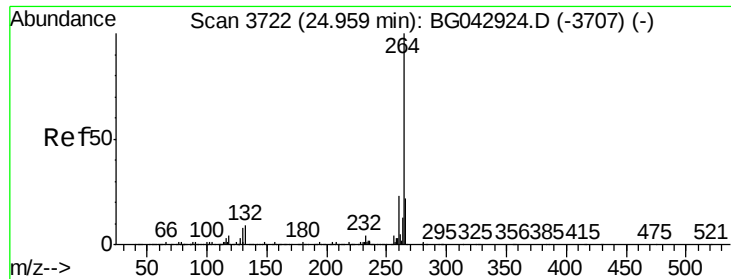
Abundance

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: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG043286.D
Acq: 18 Oct 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124106BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.7	17.7	26.5

