

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043582.D
 Acq On : 8 Nov 2019 23:11
 Operator : JU
 Sample : K5742-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-30-(6-8)

Quant Time: Nov 11 00:35:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

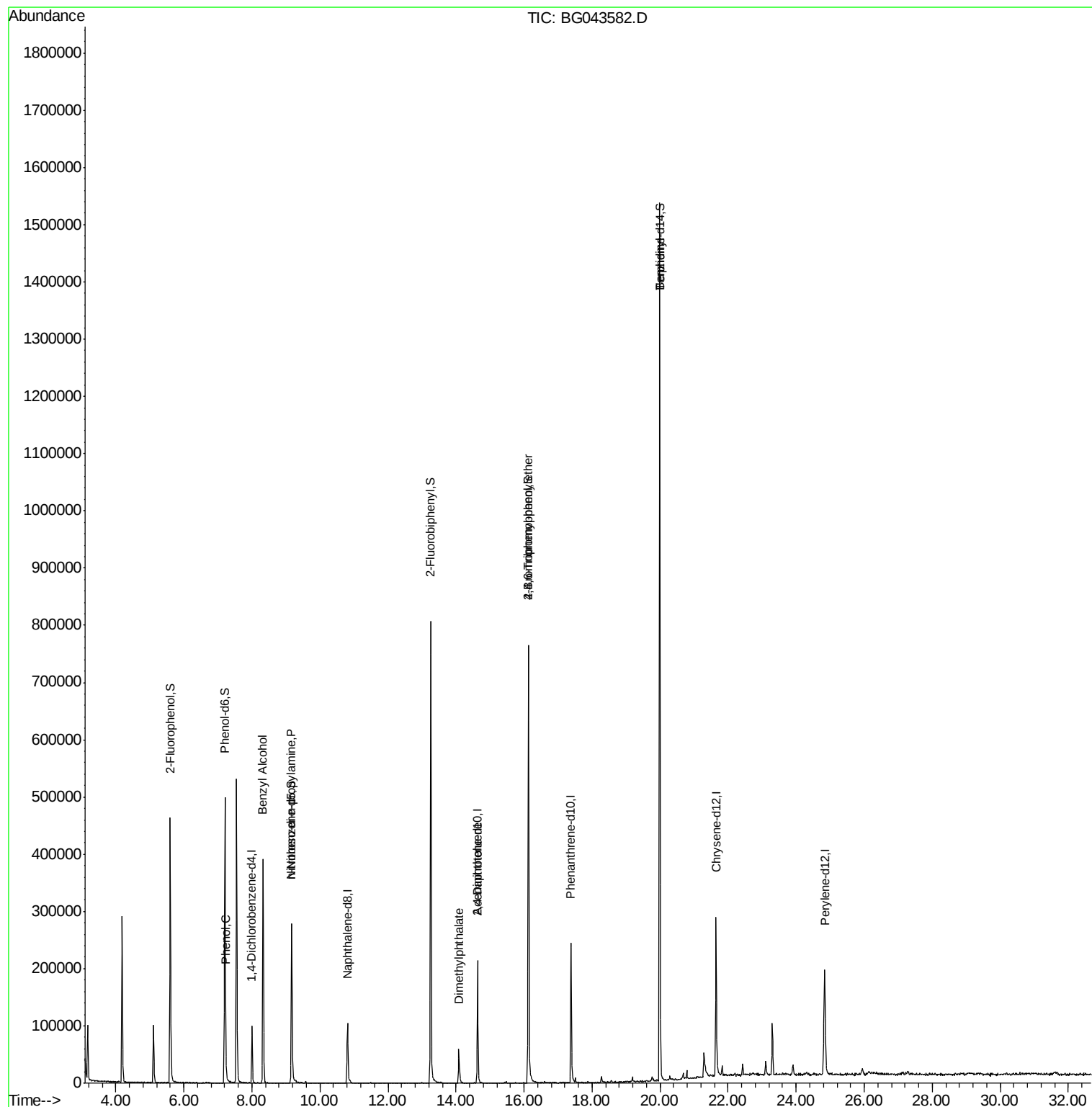
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30046	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	113301	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	82849	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	191502	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	195271	20.00	ng	-0.01
87) Perylene-d12	24.83	264	221661	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	225706	137.65	ng	0.00
7) Phenol-d6	7.20	99	320873	136.02	ng	0.00
23) Nitrobenzene-d5	9.16	82	194492	88.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	185128	117.42	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	474179	79.09	ng	-0.01
79) Terphenyl-d14	19.99	244	860656	82.69	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	12627	5.857	ng	95
15) Benzyl Alcohol	8.32	79	4007	2.419	ng	# 49
19) n-Nitroso-di-n-propylamine	9.17	70	26497	17.382	ng	# 81
50) Dimethylphthalate	14.09	163	53390	8.320	ng	# 94
57) 2,4-Dinitrotoluene	14.64	165	10955	5.498	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	11541	4.478	ng	# 1
77) Benzidine	19.99	184	12979	3.303	ng	97

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

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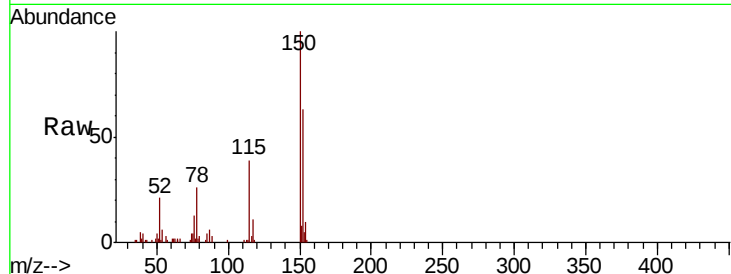


#1

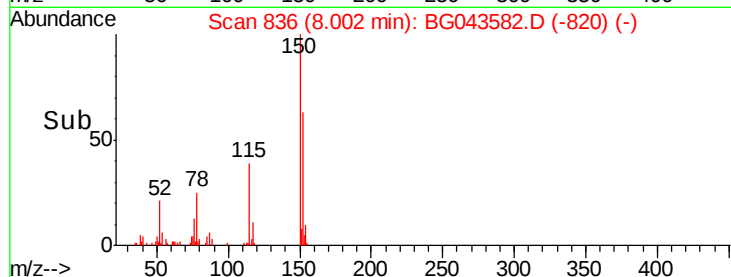
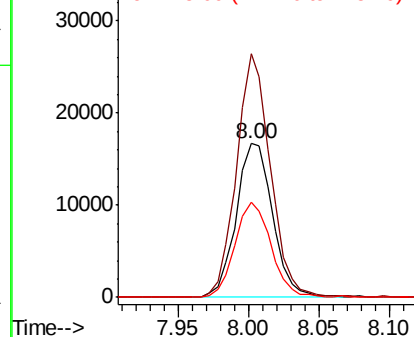
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tot Ion:152 Resp: 30046
Ion Ratio Lower Upper
152 100
150 158.2 129.4 194.0
115 61.4 48.8 73.2



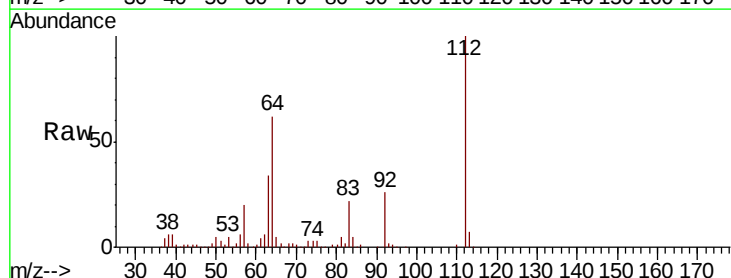
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



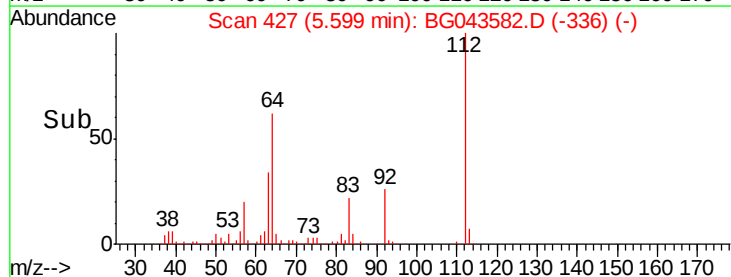
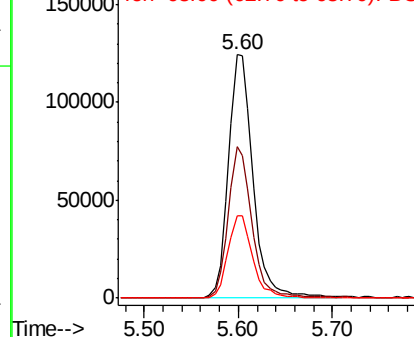
#5

2-Fluorophenol
Concen: 137.654 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion:112 Resp: 225706
Ion Ratio Lower Upper
112 100
64 62.0 50.0 75.0
63 33.9 26.6 40.0



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: 136.015 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

Instrument :

BNA_G

ClientSampled :

SB-30-(6-8)

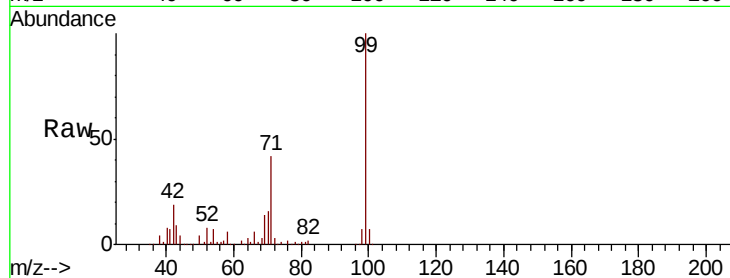
Tot Ion: 99 Resp: 320873

Ion Ratio Lower Upper

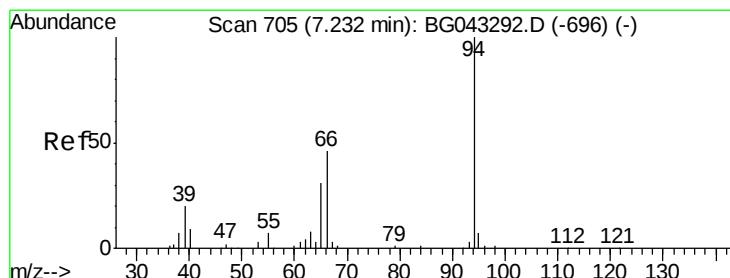
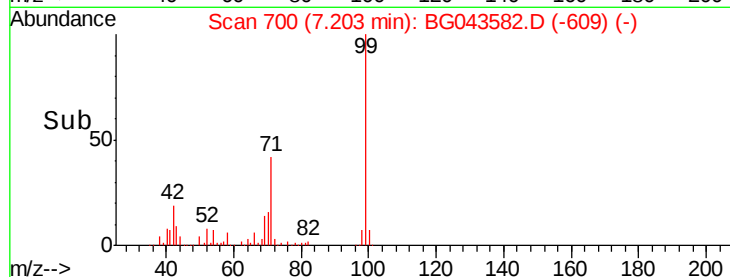
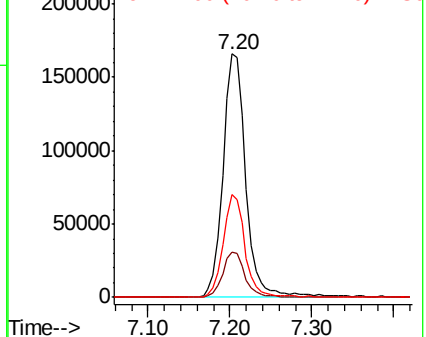
99 100

42 18.7 14.6 21.8

71 42.5 32.5 48.7



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: 5.857 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

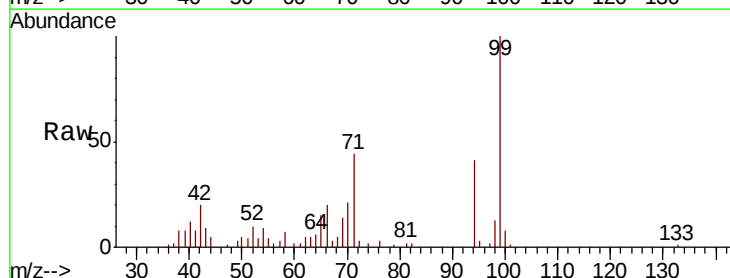
Tgt Ion: 94 Resp: 12627

Ion Ratio Lower Upper

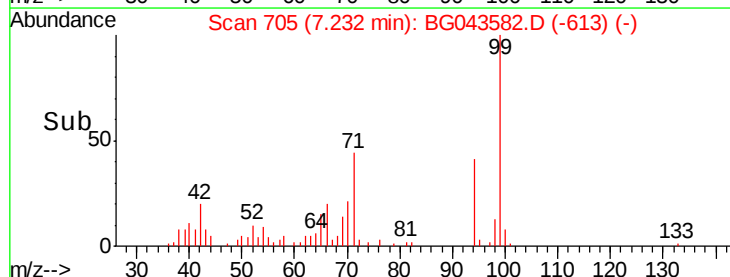
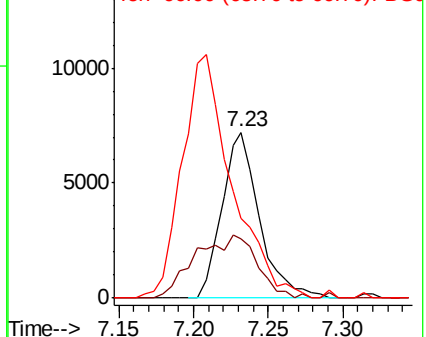
94 100

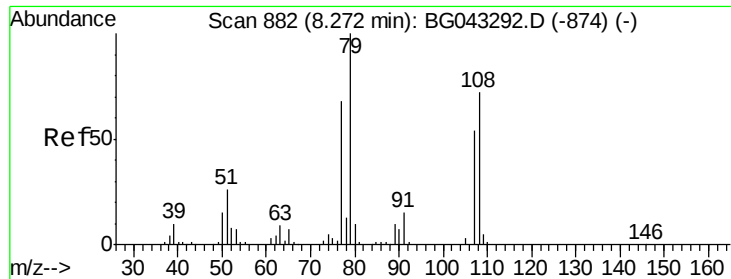
65 36.1 12.6 52.6

66 48.3 30.7 70.7



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: 2.419 ng

RT: 8.32 min Scan# 891

Delta R.T. 0.07 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

Instrument :

BNA_G

ClientSampleId :

SB-30-(6-8)

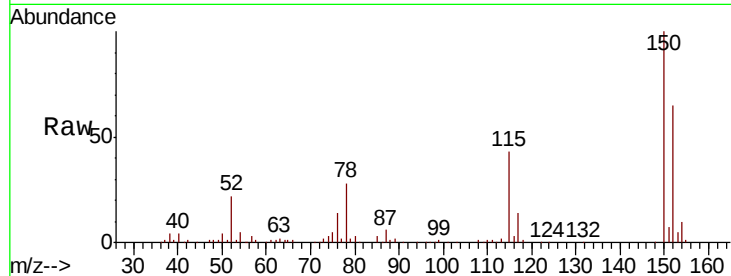
Tot Ion: 79 Resp: 4007

Ion Ratio Lower Upper

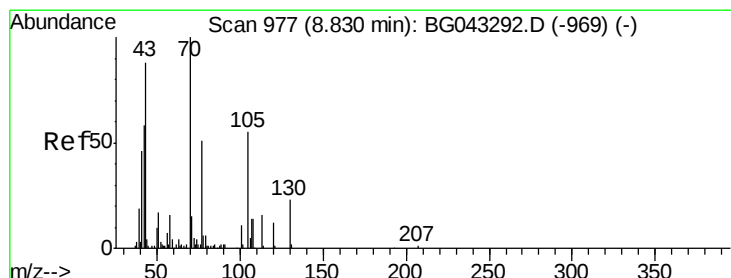
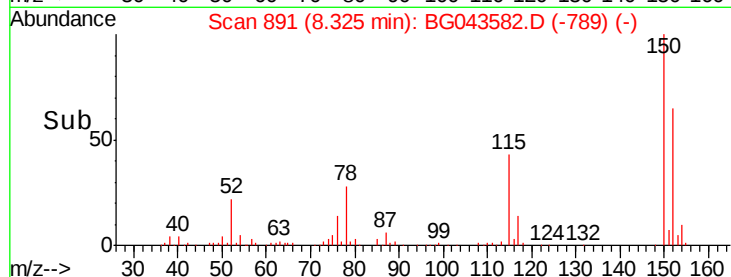
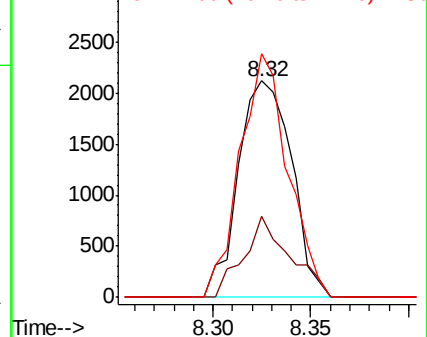
79 100

108 37.2 53.6 80.4#

77 112.4 49.6 74.4#



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: 17.382 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

Tgt Ion: 70 Resp: 26497

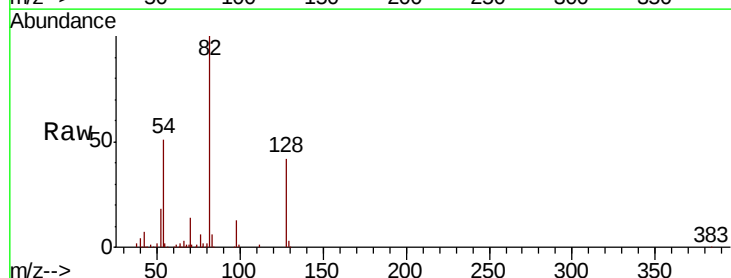
Ion Ratio Lower Upper

70 100

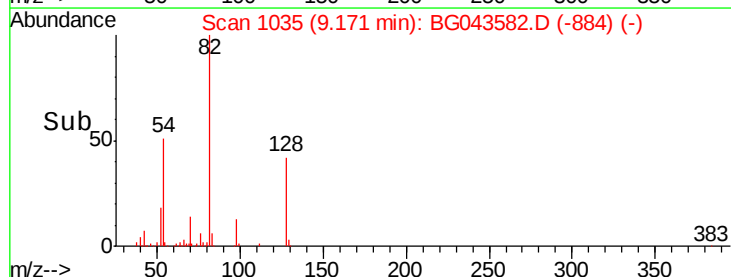
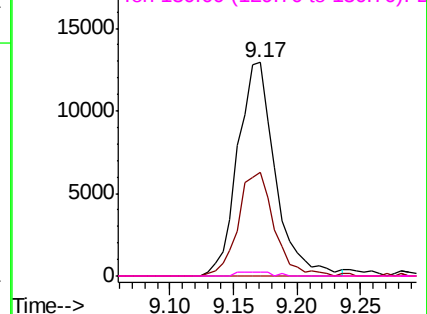
42 48.4 41.4 62.2

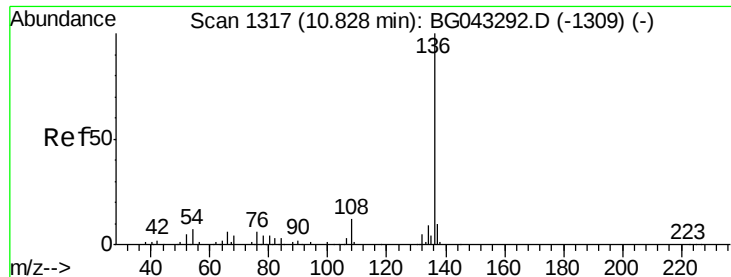
101 0.0 7.9 11.9#

130 1.5 19.0 28.4#



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

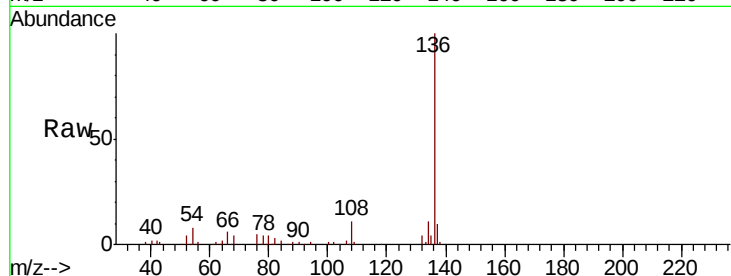




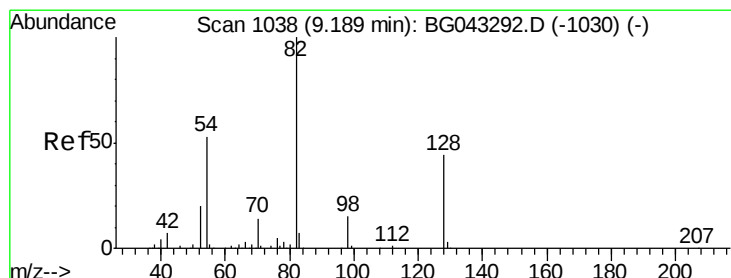
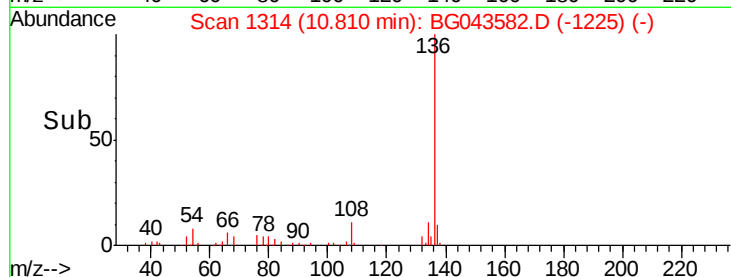
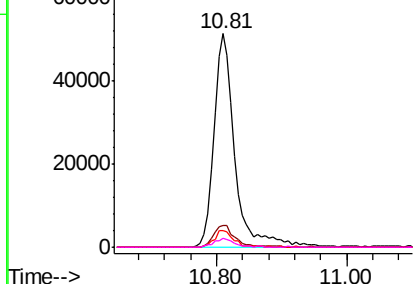
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tot Ion:136	Resp:	113301
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.7 13.1
54	7.8	5.4 8.2
68	4.0	3.0 4.4

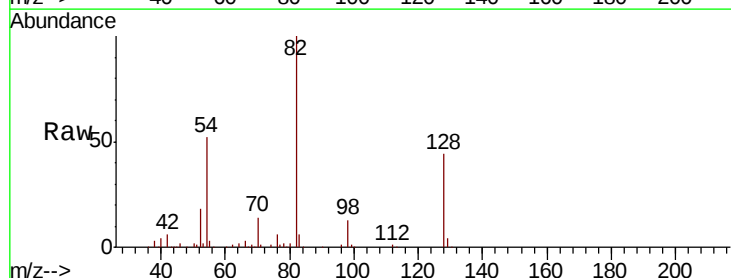


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

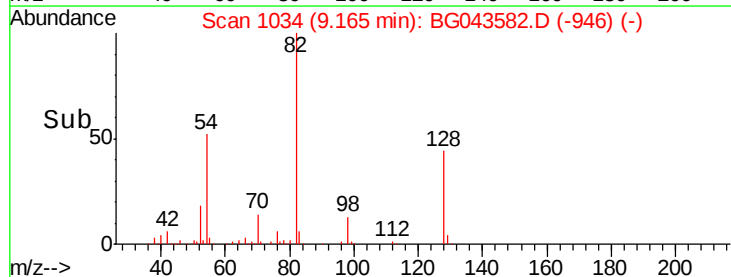
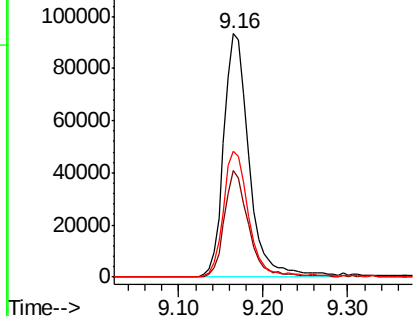


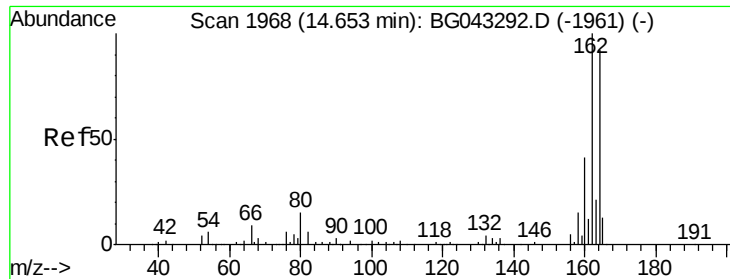
#23
Nitrobenzene-d5
Concen: 88.498 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion: 82	Resp:	194492
Ion Ratio	Lower	Upper
82	100	
128	43.7	35.0 52.6
54	51.9	40.2 60.2



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

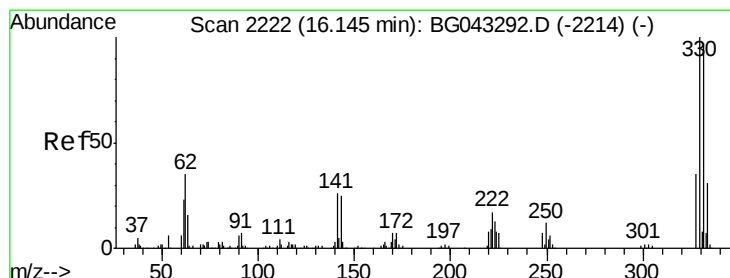
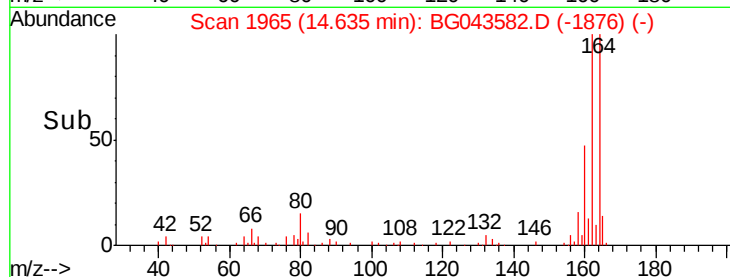
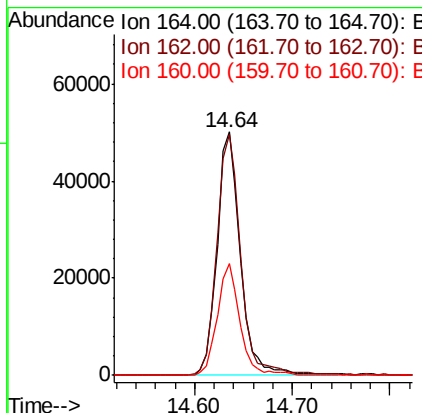
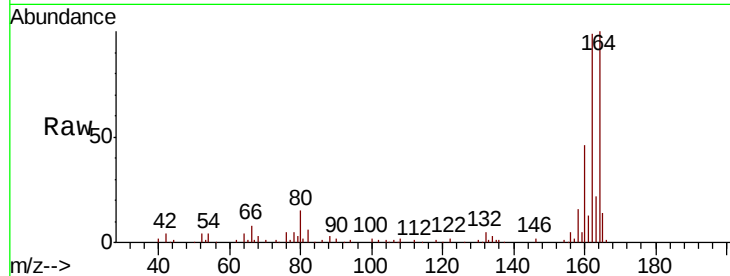




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG043582.D
 Acq: 8 Nov 2019 23:11

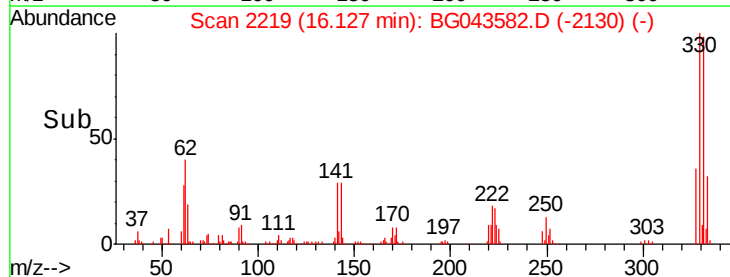
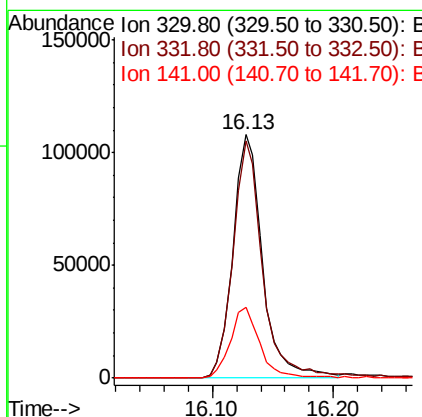
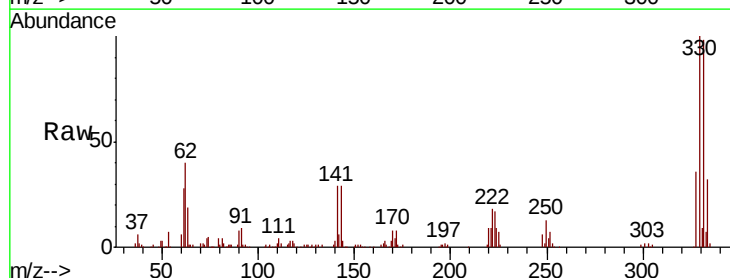
Instrument :
 BNA_G
 ClientSampleId :
 SB-30-(6-8)

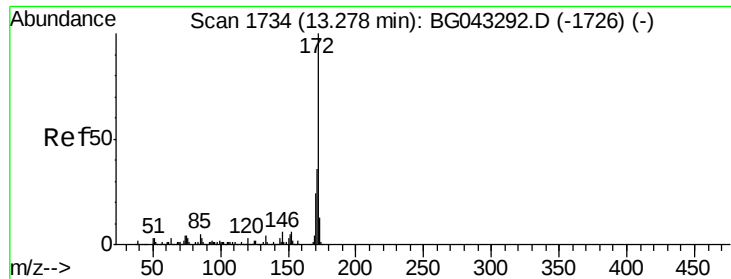
Tot Ion:164 Resp: 82849
 Ion Ratio Lower Upper
 164 100
 162 99.0 83.5 125.3
 160 46.2 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 117.421 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043582.D
 Acq: 8 Nov 2019 23:11

Tgt Ion:330 Resp: 185128
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.4 116.0
 141 29.5 22.8 34.2

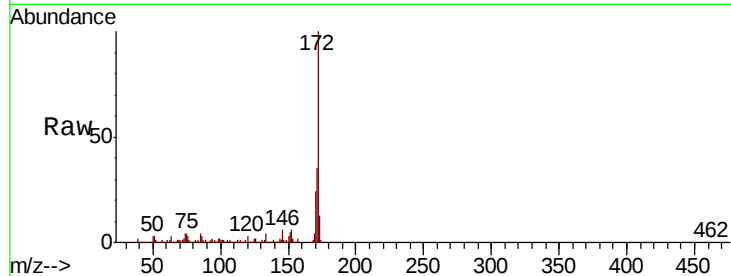




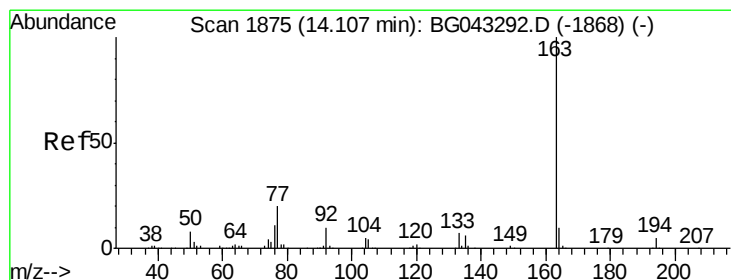
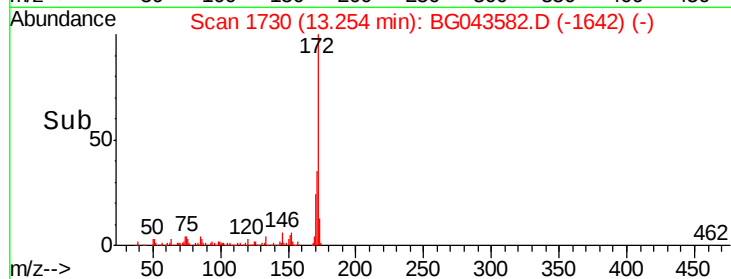
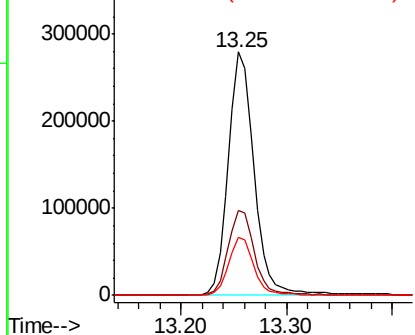
#45
2-Fluorobiphenyl
Concen: 79.086 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.7	18.5	27.7

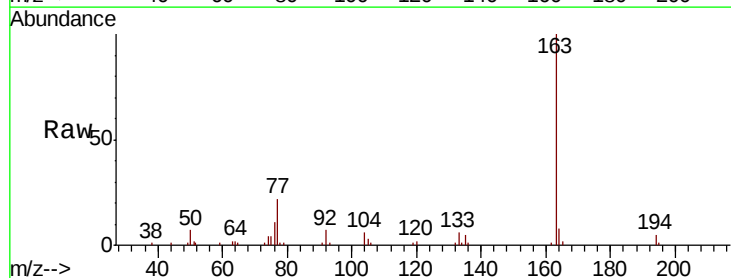


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

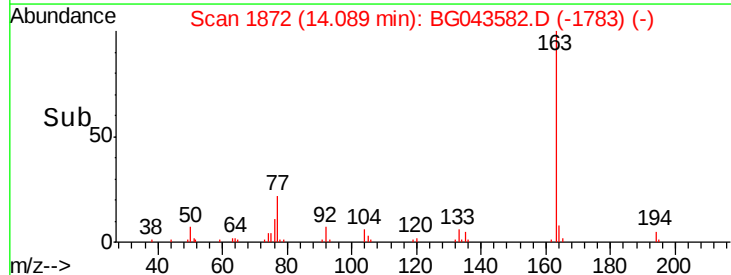
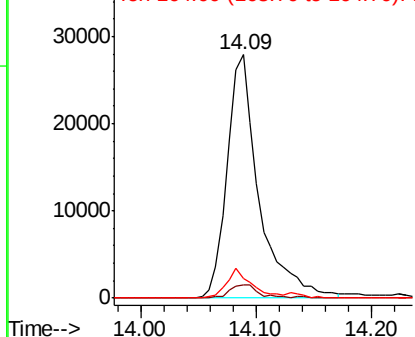


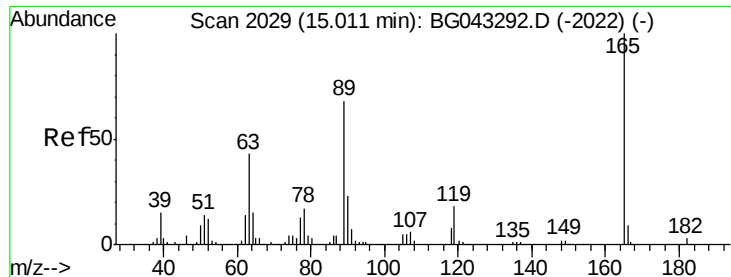
#50
Dimethylphthalate
Concen: 8.320 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.6
164	8.0	8.9	13.3#



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

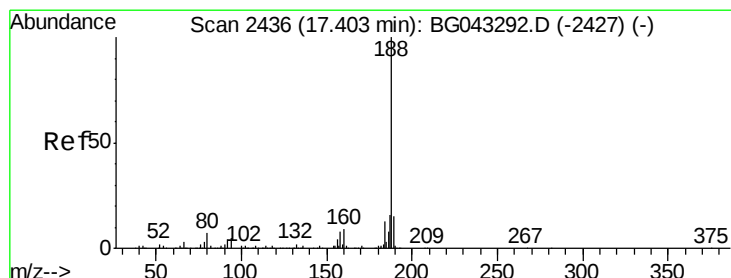
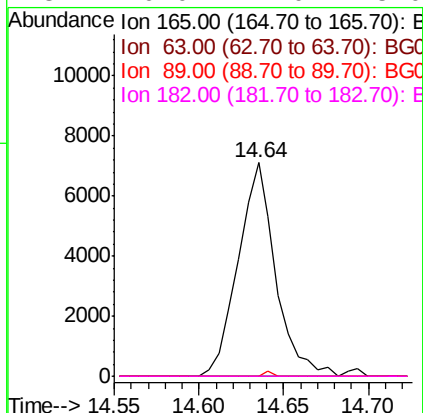
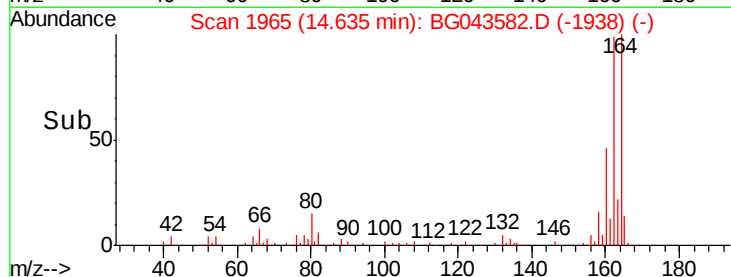
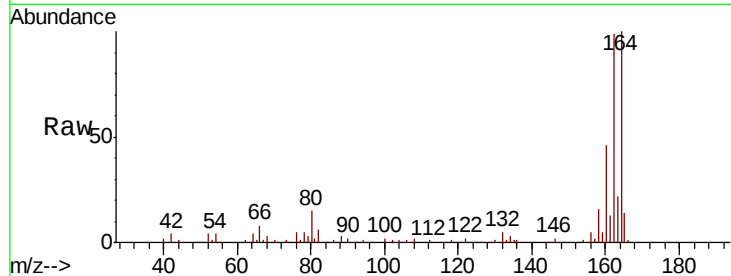




#57
 2,4-Dinitrotoluene
 Concen: 5.498 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG043582.D
 Acq: 8 Nov 2019 23:11

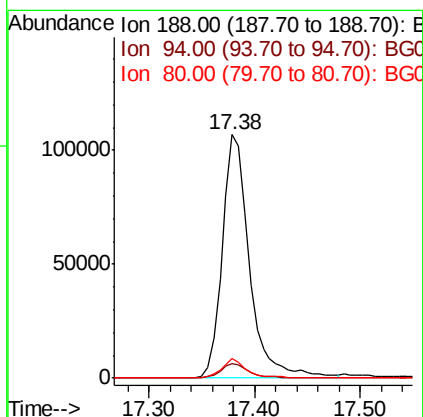
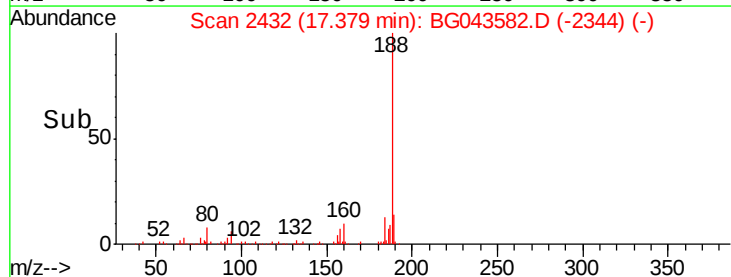
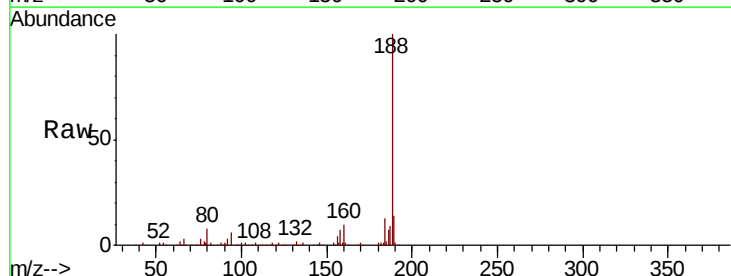
Instrument :
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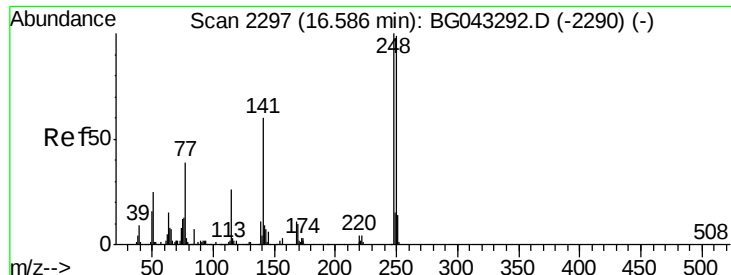
Tot Ion:165	Resp:	10955
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.2 49.8#
89	0.0	52.2 78.4#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG043582.D
 Acq: 8 Nov 2019 23:11

Tgt Ion:188	Resp:	191502
Ion Ratio	Lower	Upper
188	100	
94	5.7	4.2 6.4
80	7.9	4.5 6.7#

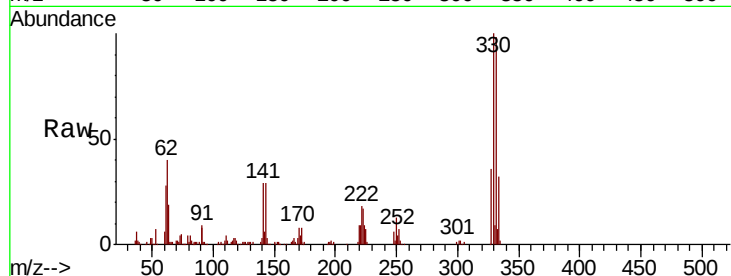




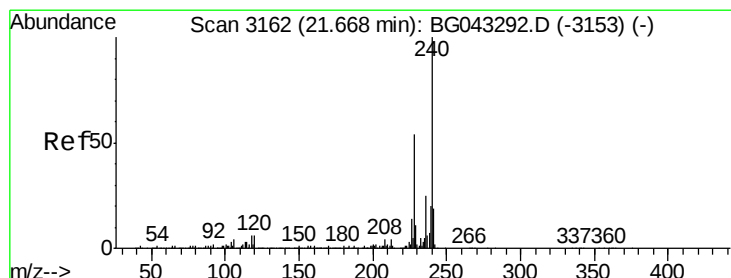
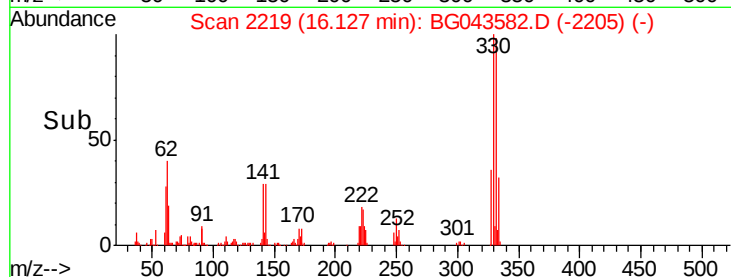
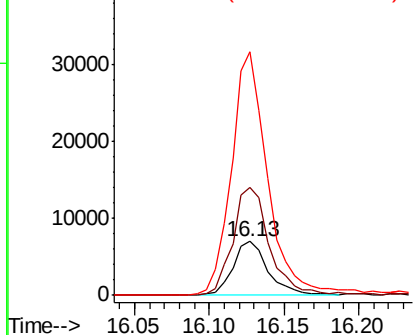
#67
 4-Bromophenyl-phenylether
 Concen: 4.478 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.45 min
 Lab File: BG043582.D
 Acq: 8 Nov 2019 23:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-30-(6-8)

Tot Ion:248 Resp: 11541
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.0 115.4#
 141 451.7 47.5 71.3#

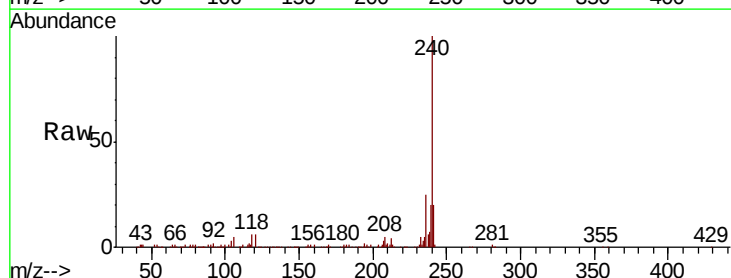


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

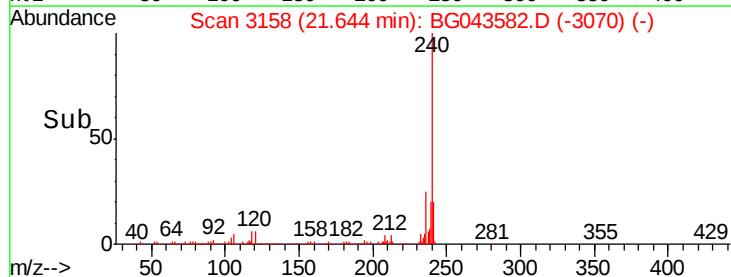
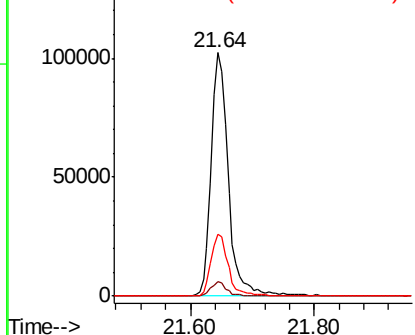


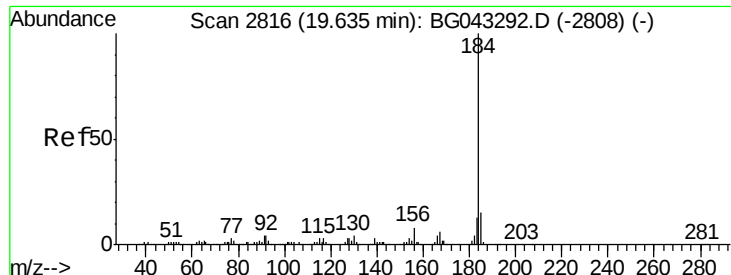
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG043582.D
 Acq: 8 Nov 2019 23:11

Tgt Ion:240 Resp: 195271
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.6 6.8
 236 25.4 19.8 29.8



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: 3.303 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.36 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

Instrument :

BNA_G

ClientSampleId :

SB-30-(6-8)

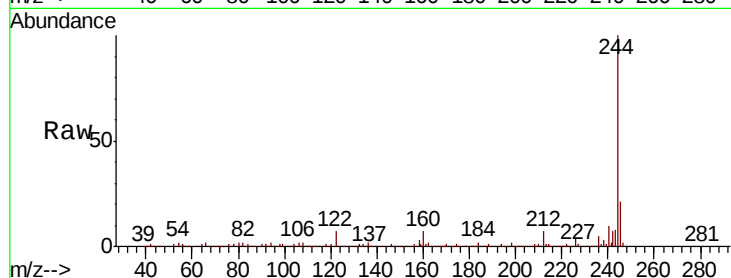
Tot Ion:184 Resp: 12979

Ion Ratio Lower Upper

184 100

185 14.8 11.0 16.4

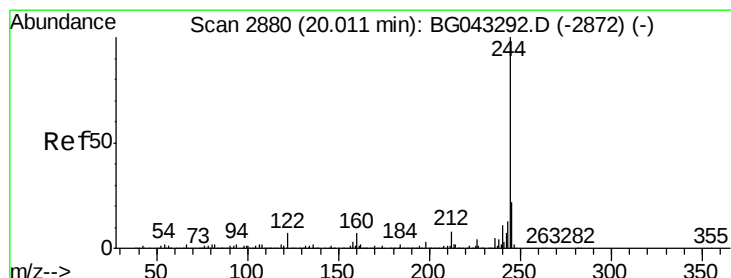
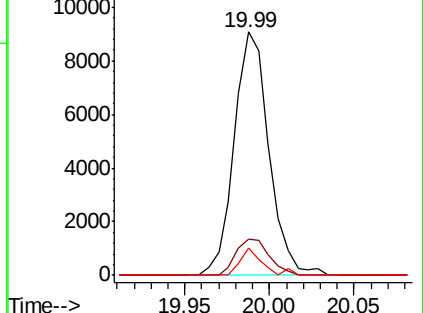
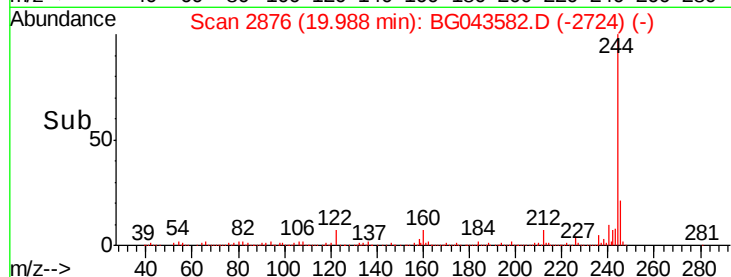
183 11.1 10.0 15.0



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: 82.687 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

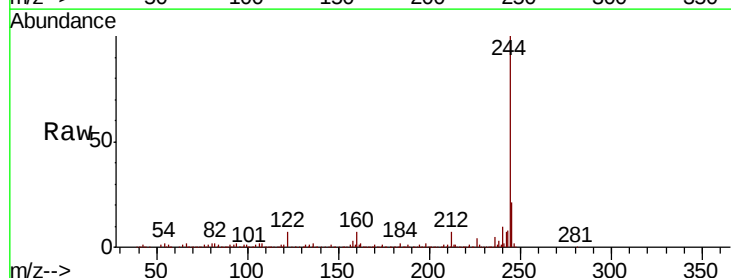
Tgt Ion:244 Resp: 860656

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

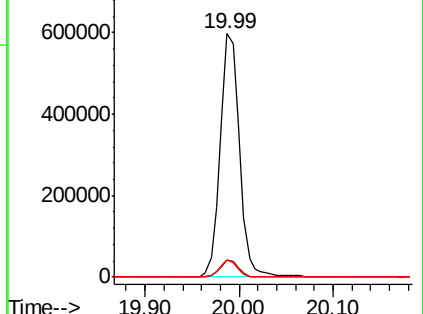
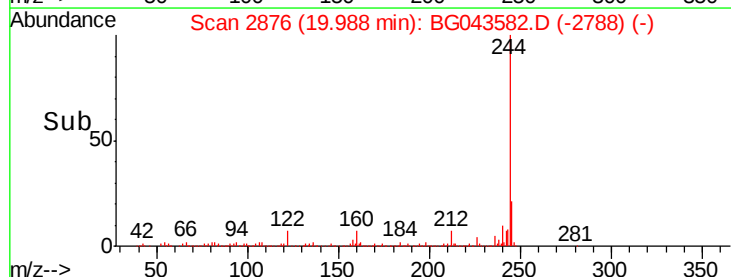
122 6.9 5.4 8.2

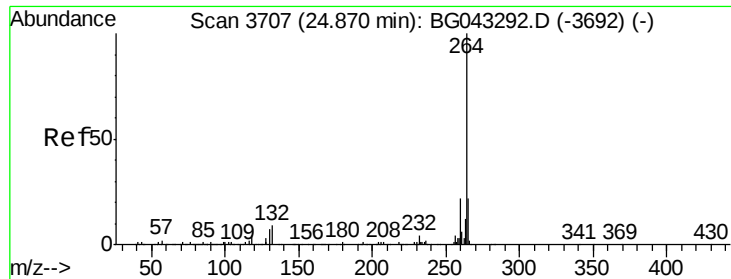


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.83 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	21.6	17.4	26.0

