

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043259.D
 Acq On : 17 Oct 2019 00:06
 Operator : JU
 Sample : K5352-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-S

Quant Time: Oct 17 01:56:24 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

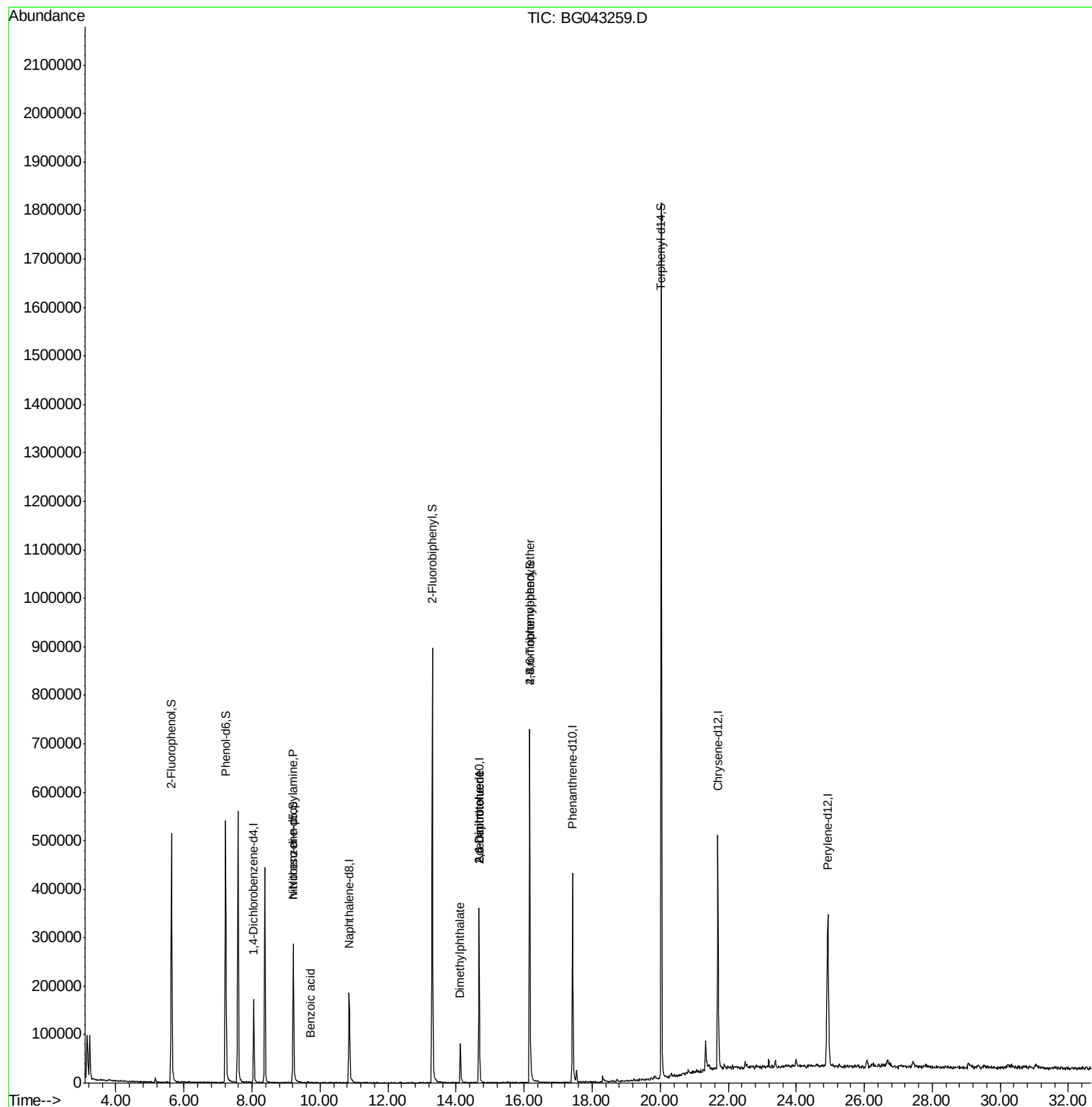
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52042	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	194724	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	134193	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	310060	20.00	ng	0.00
76) Chrysene-d12	21.70	240	335821	20.00	ng	0.00
87) Perylene-d12	24.93	264	395318	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	239854	82.25	ng	0.00
7) Phenol-d6	7.22	99	337284	80.32	ng	0.00
23) Nitrobenzene-d5	9.21	82	212440	53.03	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	184634	80.01	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	536774	57.99	ng	0.00
79) Terphenyl-d14	20.03	244	967240	61.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	27949	10.136	ng	# 68
32) Benzoic acid	9.72	122	74	2.840	ng	# 1
50) Dimethylphthalate	14.12	163	67666	6.730	ng	96
51) 2,6-Dinitrotoluene	14.67	165	18429	8.607	ng	# 23
57) 2,4-Dinitrotoluene	14.67	165	18429	5.877	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	11563	2.971	ng	# 1

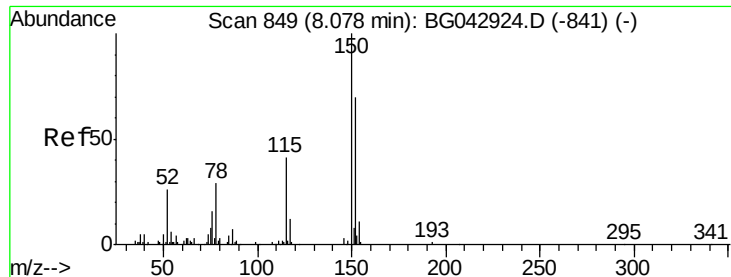
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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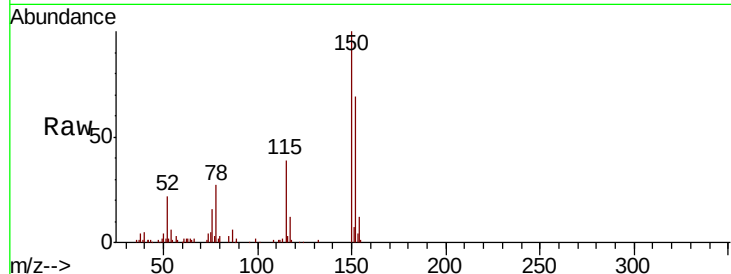


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

Instrument :
BNA_G
ClientSampled :
TP-19-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	115.0	172.4
115	56.8	47.0	70.6

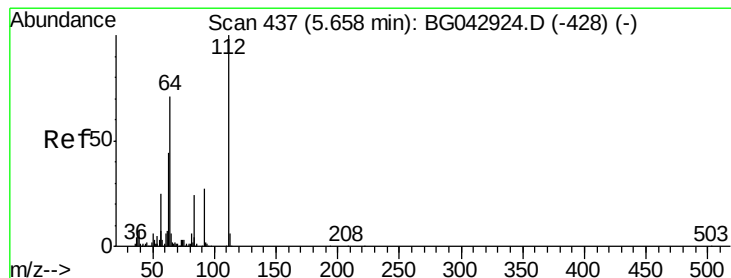
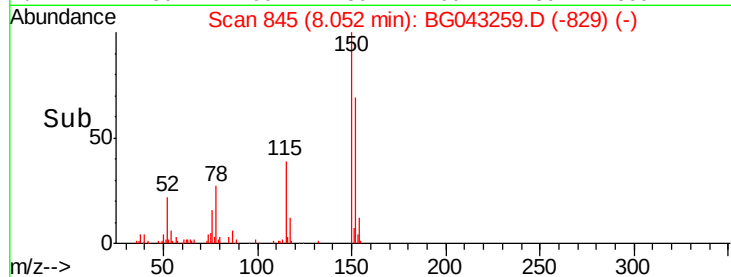
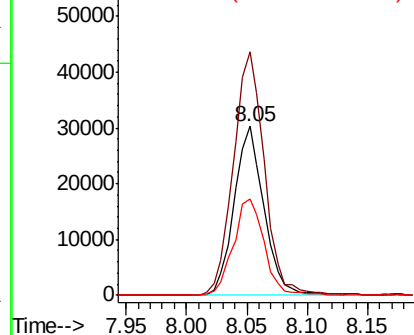


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

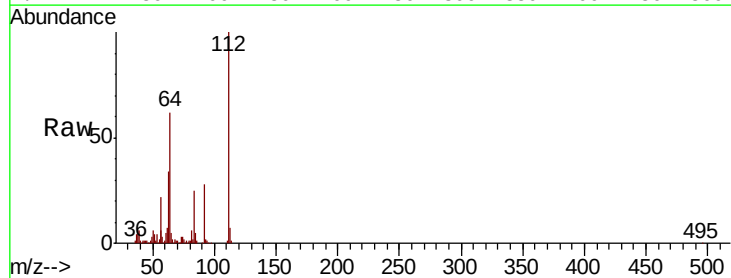
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.251 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	56.6	84.8
63	34.4	35.1	52.7#

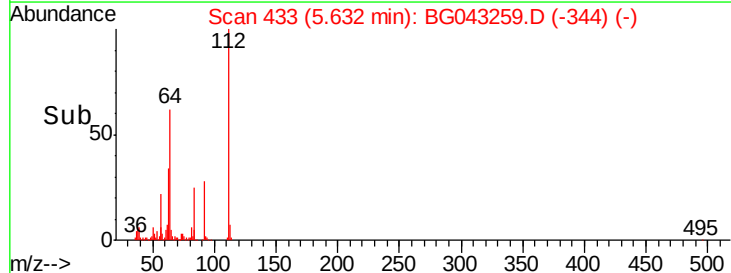
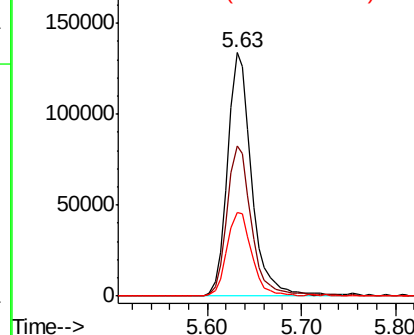


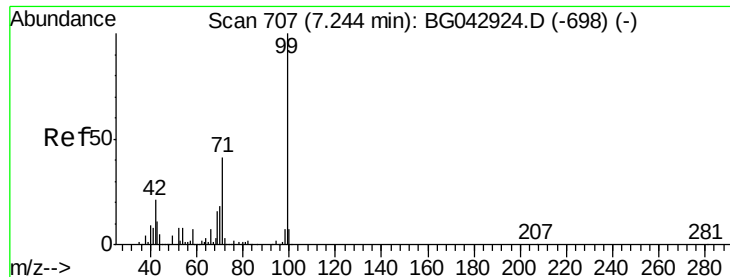
Abundance

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: 80.317 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043259.D

Acq: 17 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

TP-19-S

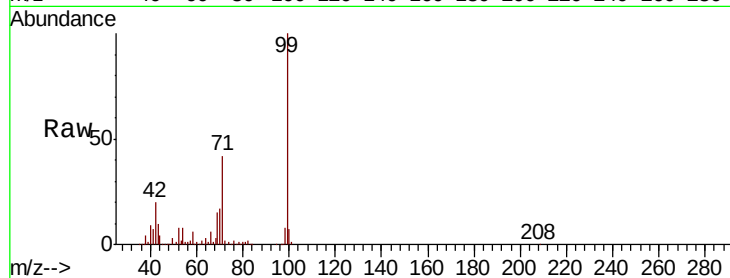
Tot Ion: 99 Resp: 337284

Ion Ratio Lower Upper

99 100

42 19.7 17.2 25.8

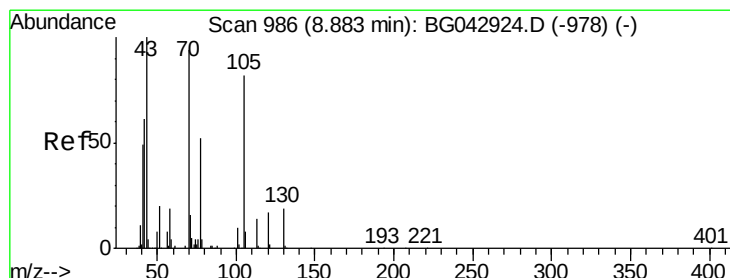
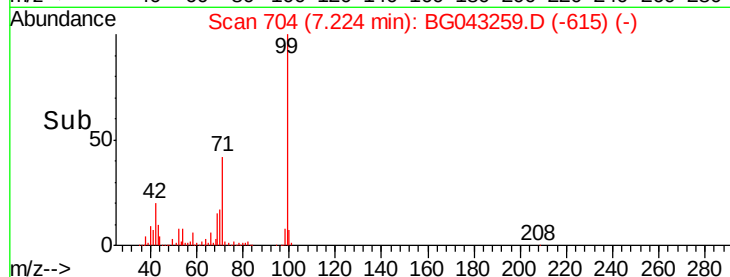
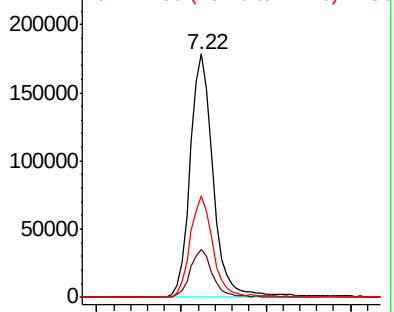
71 41.8 33.1 49.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.136 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG043259.D

Acq: 17 Oct 2019 00:06

Tgt Ion: 70 Resp: 27949

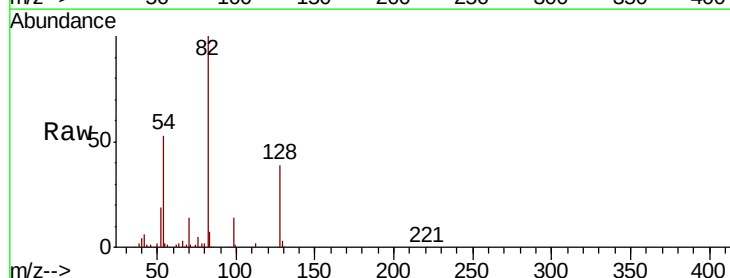
Ion Ratio Lower Upper

70 100

42 42.2 52.6 79.0#

101 0.0 8.7 13.1#

130 1.8 15.8 23.8#

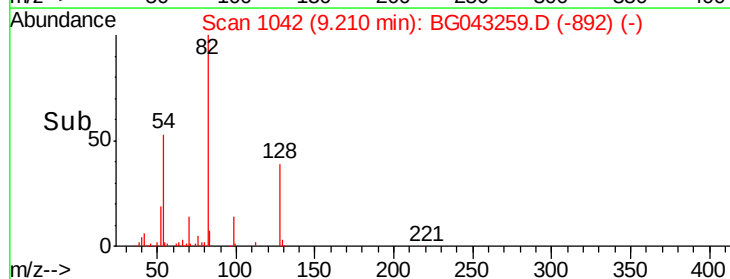
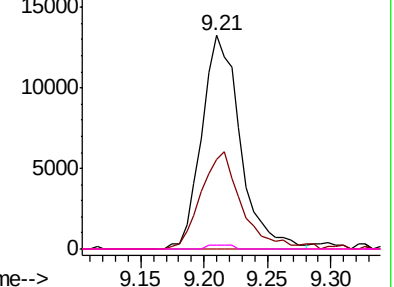


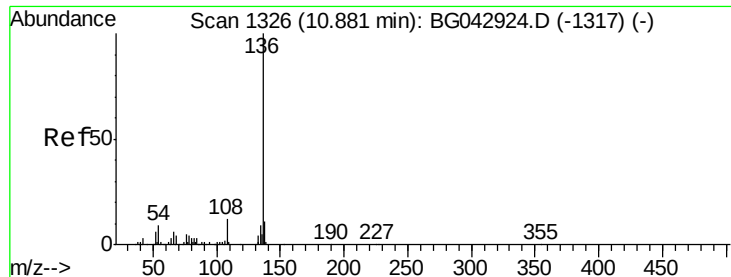
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

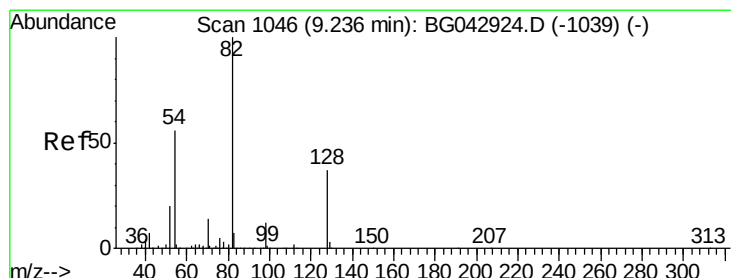
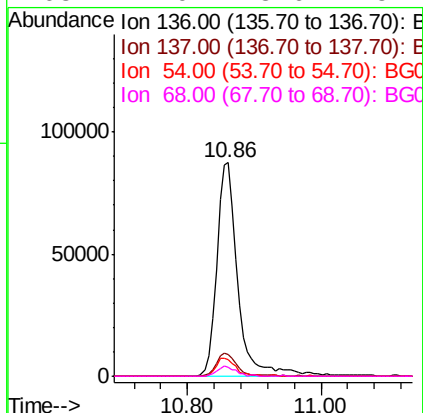
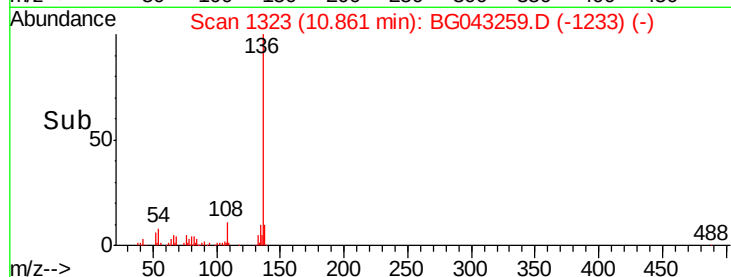
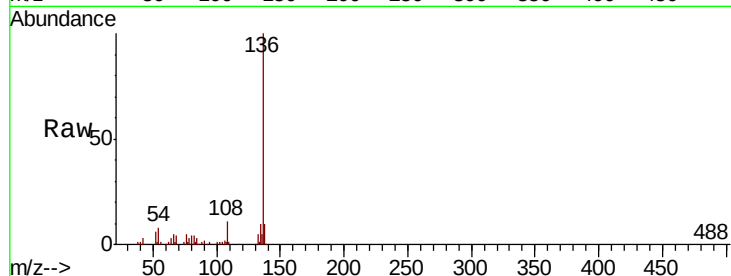




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

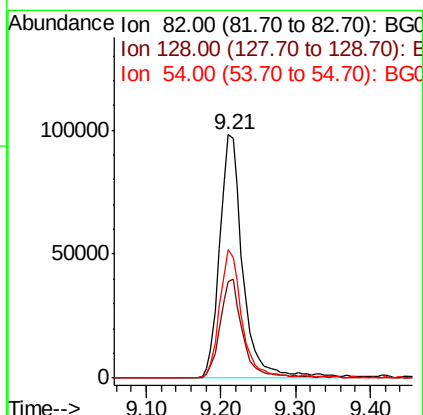
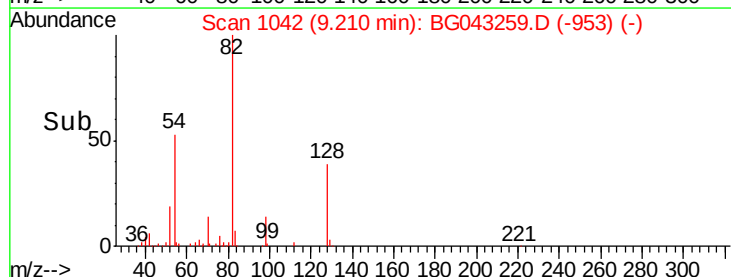
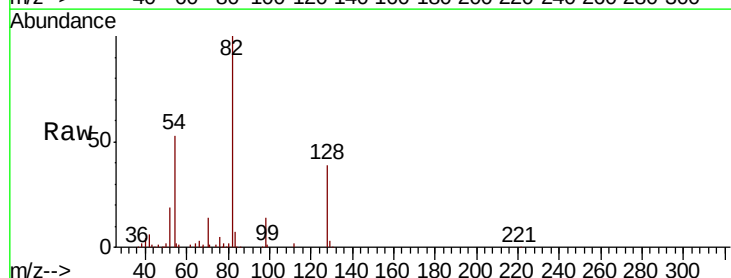
Instrument :
BNA_G
ClientSampleId :
TP-19-S

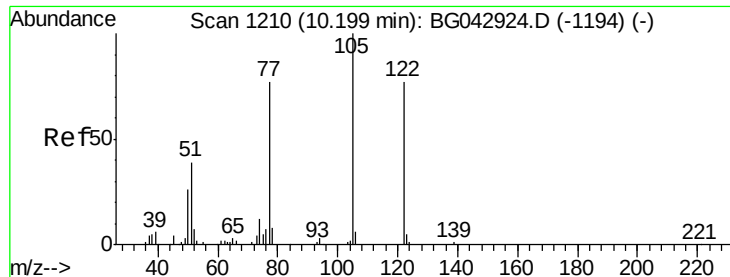
Tot Ion:136	Resp:	194724
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.5	12.7
54 7.8	7.4	11.2
68 4.0	3.6	5.4



#23
Nitrobenzene-d5
Concen: 53.027 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

Tgt Ion: 82	Resp: 212440
Ion Ratio	Lower Upper
82 100	
128 39.3	29.5 44.3
54 52.9	44.6 67.0

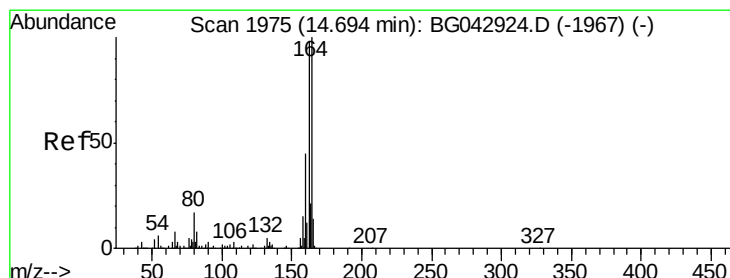
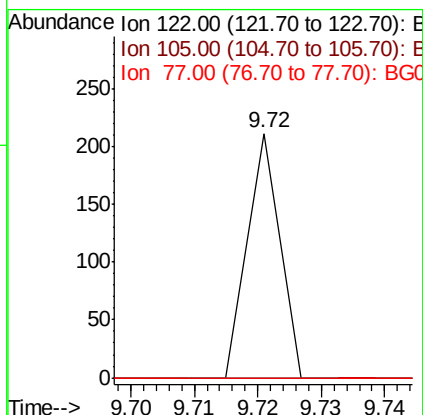
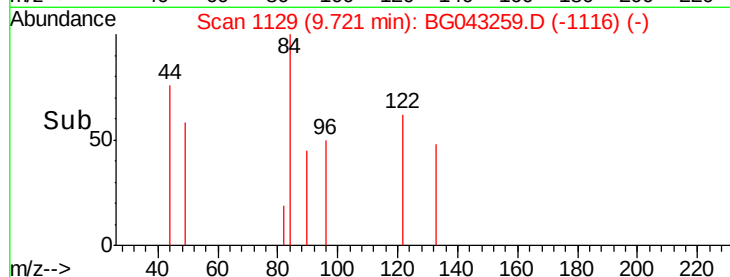
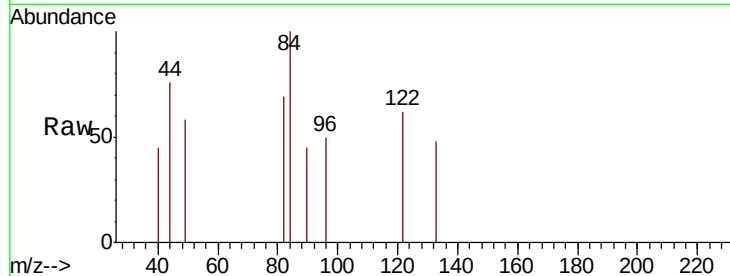




#32
Benzoic acid
Concen: 2.840 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.45 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

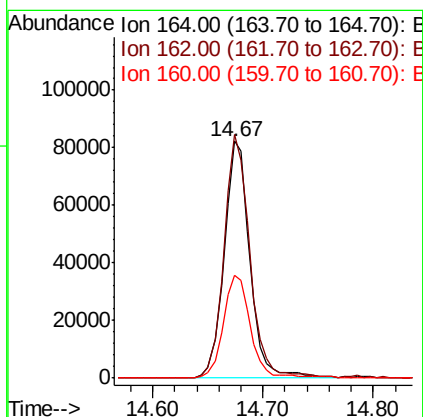
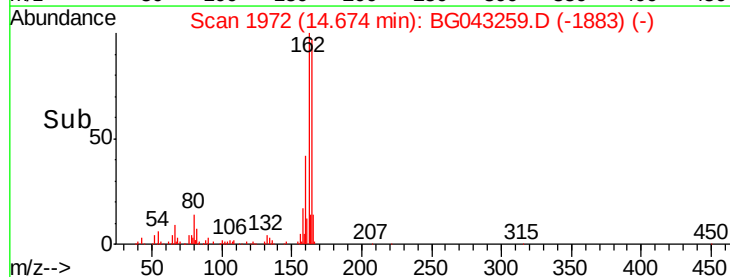
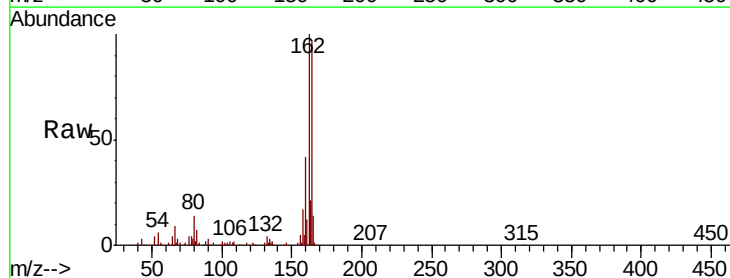
Instrument :
BNA_G
ClientSampleId :
TP-19-S

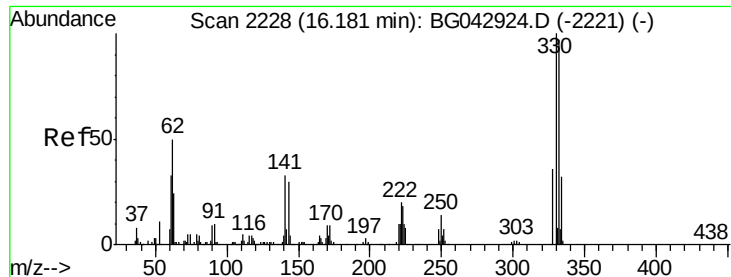
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.5	117.7
160	43.4	35.9	53.9

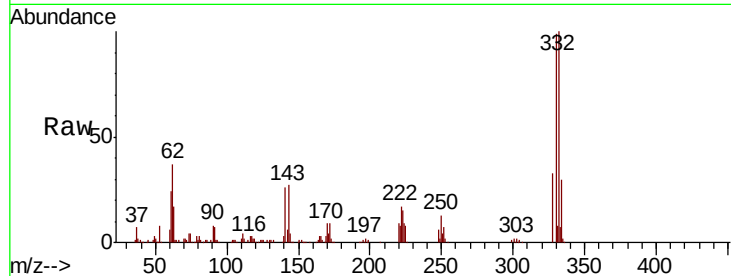




#42
2,4,6-Tribromophenol
Concen: 80.014 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

Instrument :
BNA_G
ClientSampleId :
TP-19-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.2	117.2
141	28.0	26.0	39.0

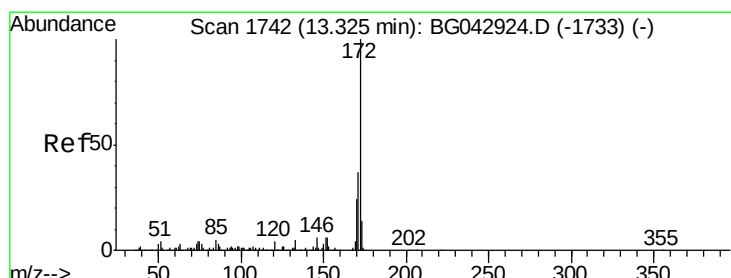
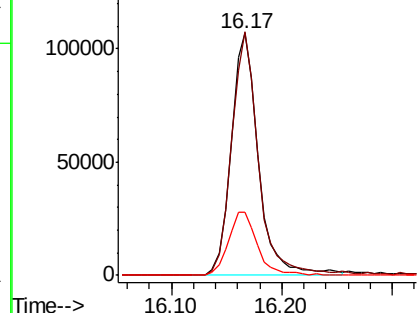
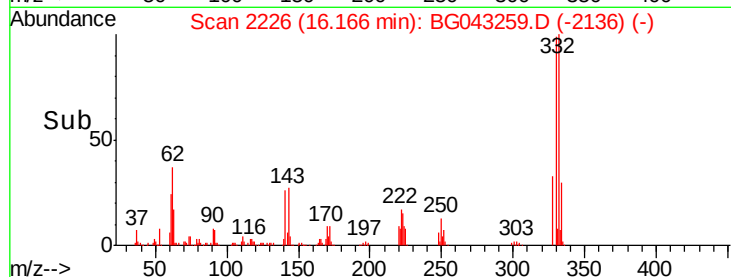


Abundance

Ion 329.80 (329.50 to 330.50): E

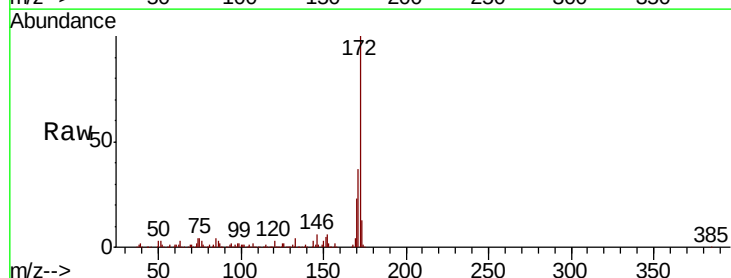
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 57.988 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	22.6	19.6	29.4

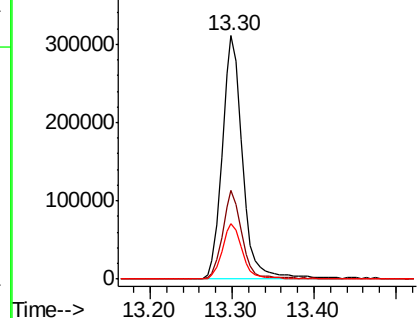
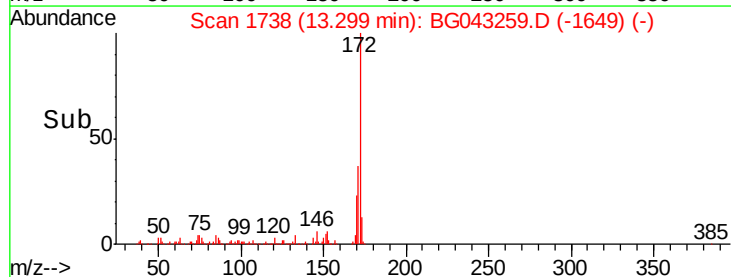


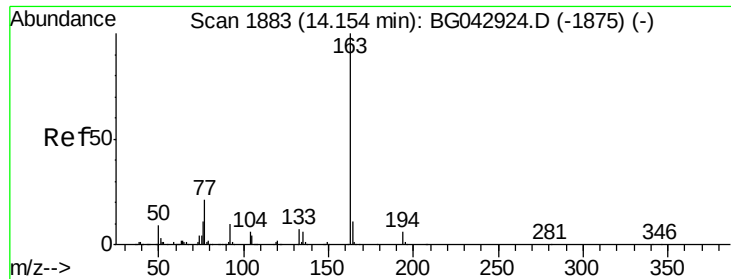
Abundance

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

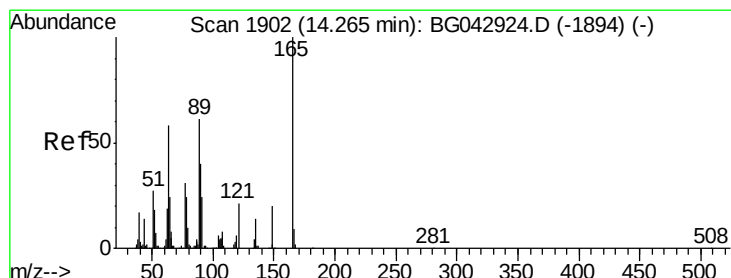
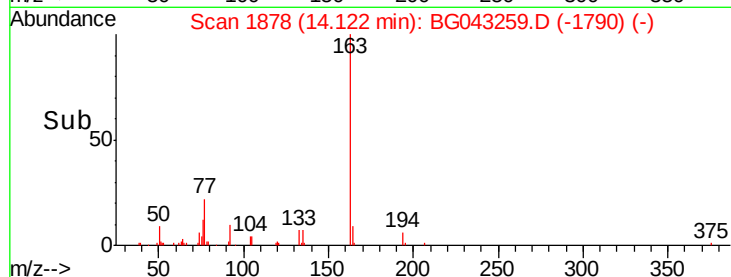
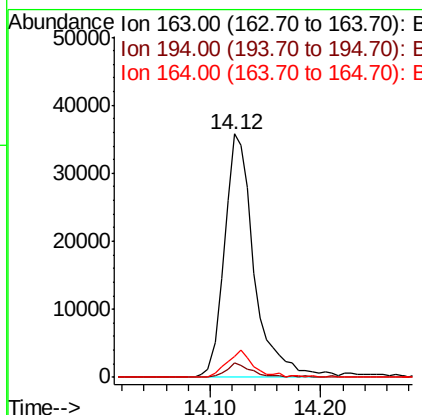
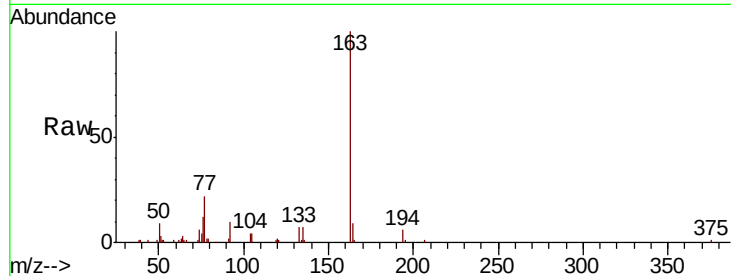




#50
Dimethylphthalate
Concen: 6.730 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

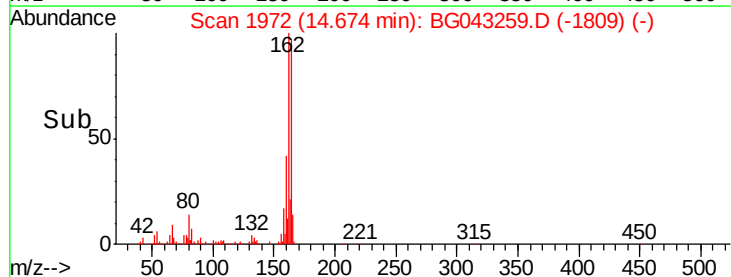
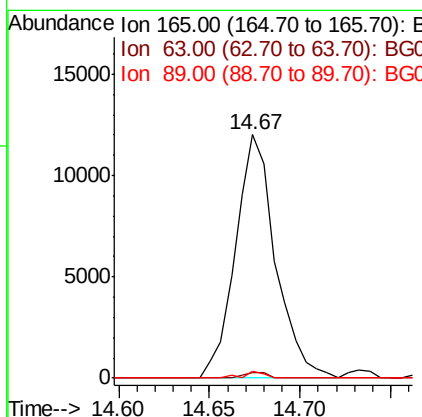
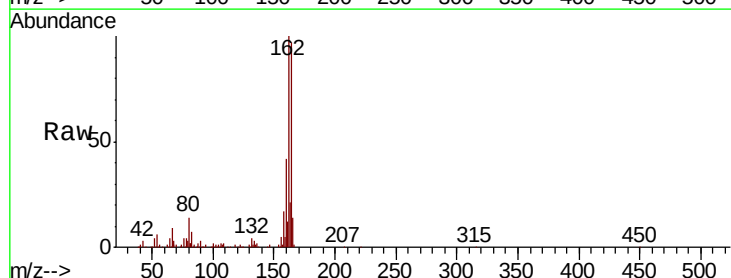
Instrument :
BNA_G
ClientSampleId :
TP-19-S

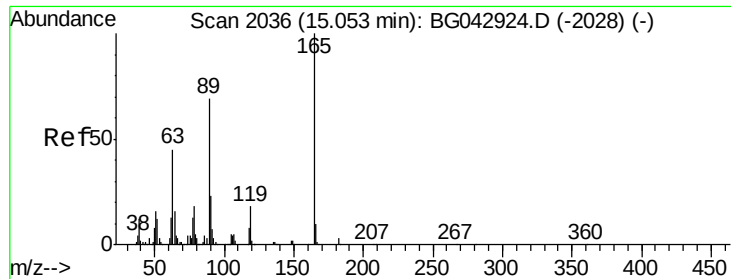
Tot Ion	163	Resp	67666
Ion Ratio	100		
Lower	4.4		
Upper	6.6		
194	5.9		
164	8.6		
	8.6		12.8



#51
2,6-Dinitrotoluene
Concen: 8.607 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG043259.D
Acq: 17 Oct 2019 00:06

Tgt Ion	165	Resp	18429
Ion Ratio	100		
Lower	50.3		
Upper	75.5#		
63	2.5		
89	2.6		
	48.9		73.3#

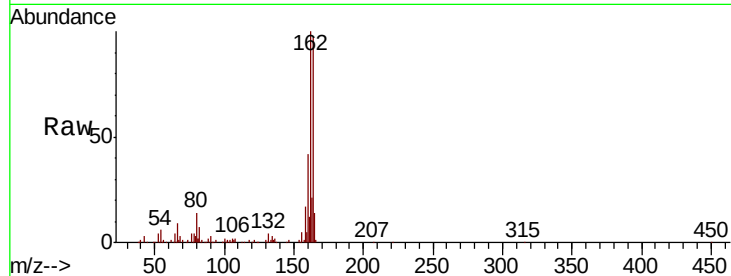




#57
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.36 min
 Lab File: BG043259.D
 Acq: 17 Oct 2019 00:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-S

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.5	54.7#
89	2.6	55.5	83.3#
182	0.0	2.4	3.6#

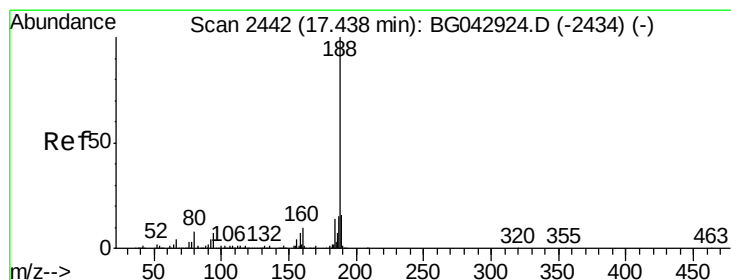
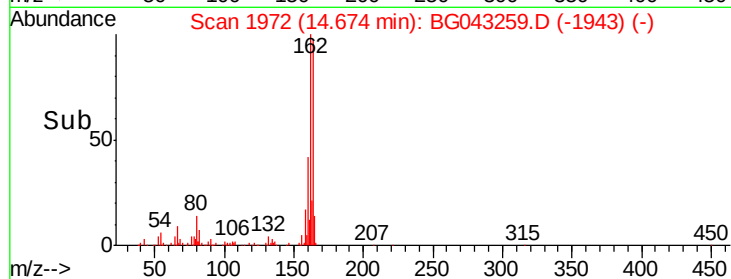
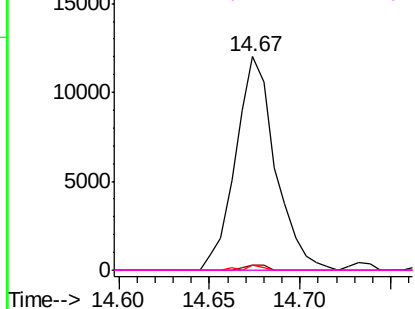


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

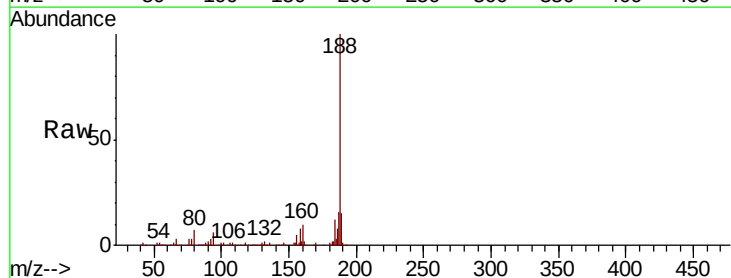
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BG043259.D
 Acq: 17 Oct 2019 00:06

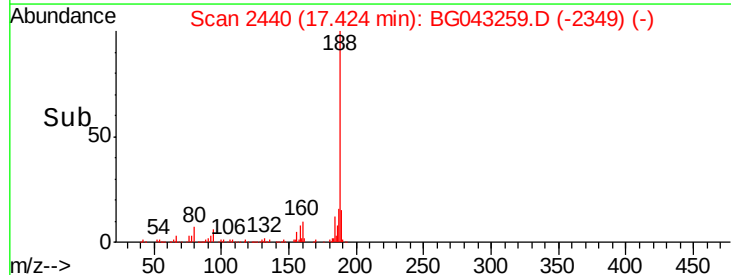
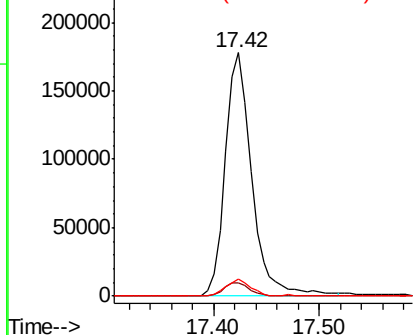
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5#
80	7.0	6.5	9.7

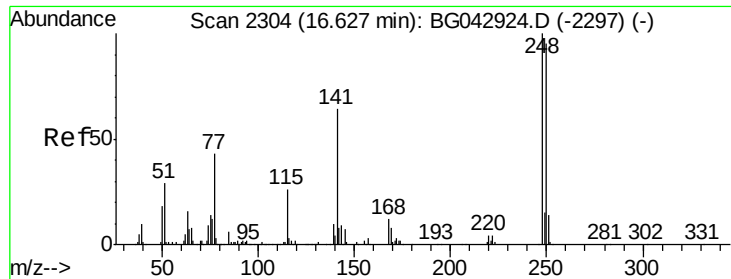


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

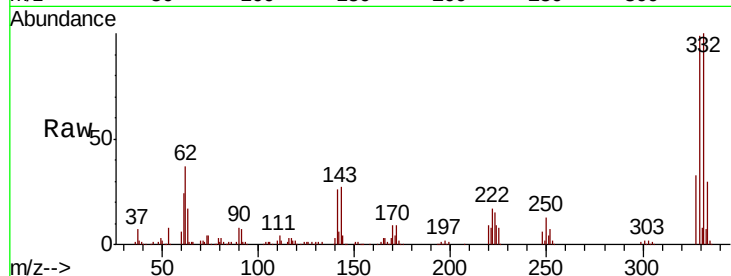




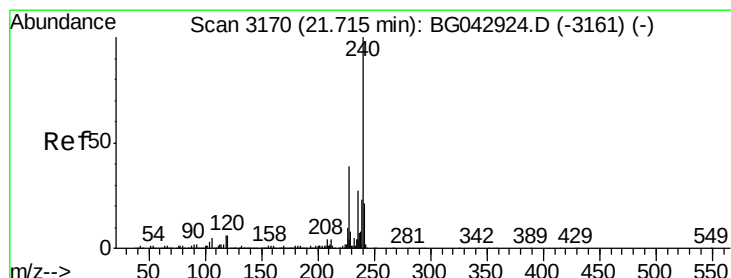
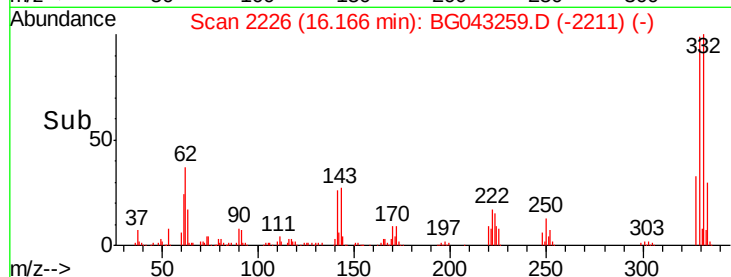
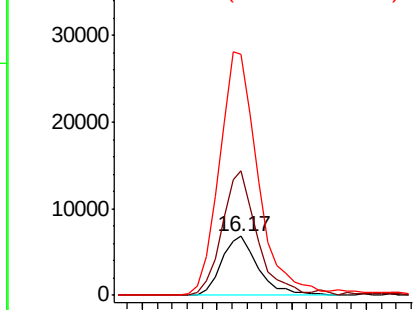
#67
 4-Bromophenyl-phenylether
 Concen: 2.971 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG043259.D
 Acq: 17 Oct 2019 00:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-S

Tot Ion:248 Resp: 11563
 Ion Ratio Lower Upper
 248 100
 250 210.8 75.8 113.8#
 141 409.0 51.1 76.7#

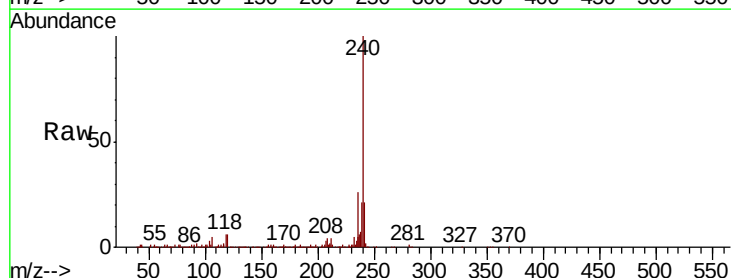


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

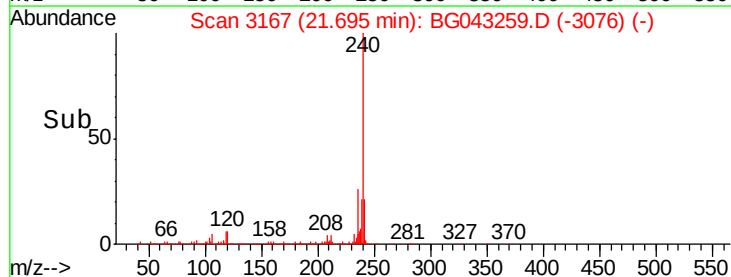
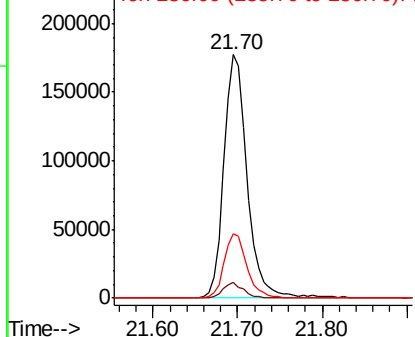


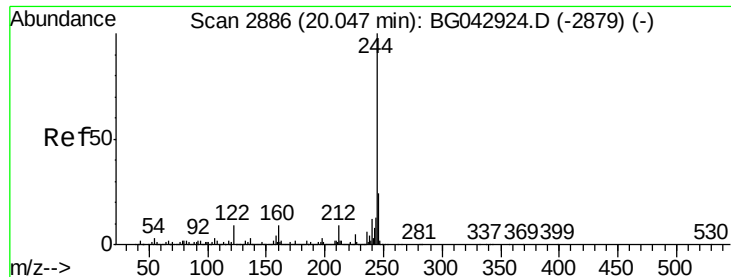
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG043259.D
 Acq: 17 Oct 2019 00:06

Tgt Ion:240 Resp: 335821
 Ion Ratio Lower Upper
 240 100
 120 6.3 4.8 7.2
 236 26.3 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





#79

Terphenyl-d14

Concen: 61.374 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043259.D

Acq: 17 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

TP-19-S

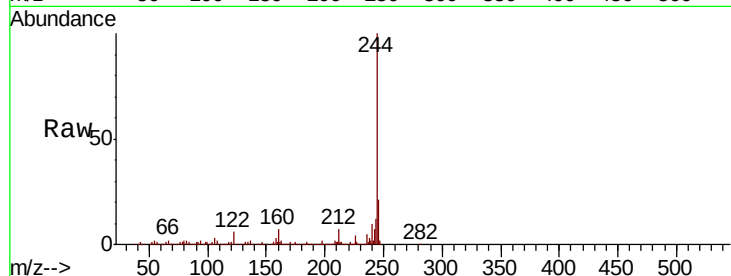
Tot Ion:244 Resp: 967240

Ion Ratio Lower Upper

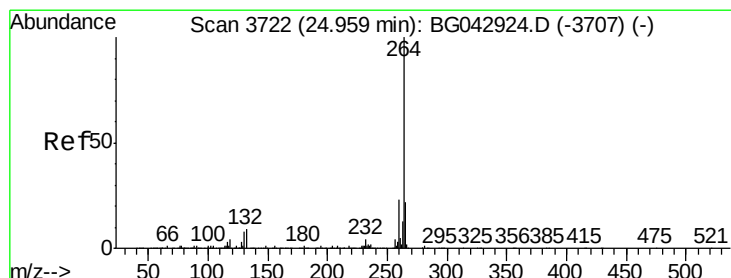
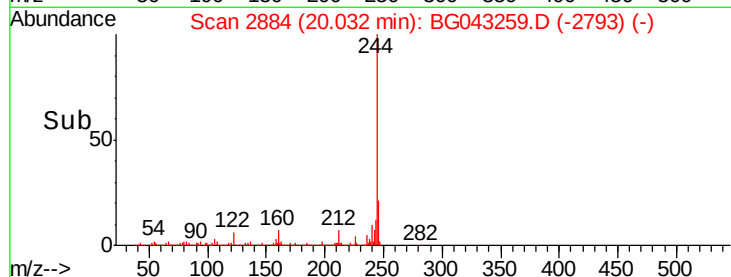
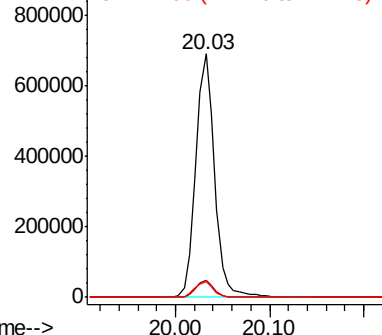
244 100

212 7.1 7.4 11.0#

122 6.3 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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. 0.02 min

Lab File: BG043259.D

Acq: 17 Oct 2019 00:06

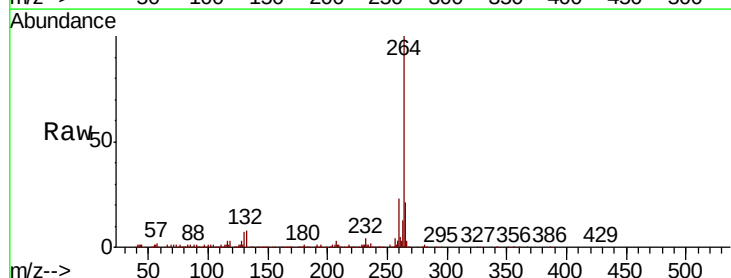
Tgt Ion:264 Resp: 395318

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

