

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
 Data File : BG043024.D
 Acq On : 4 Oct 2019 4:22
 Operator : JU
 Sample : K5181-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-AVENUE-4-ABCD

Quant Time: Oct 04 06:36:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

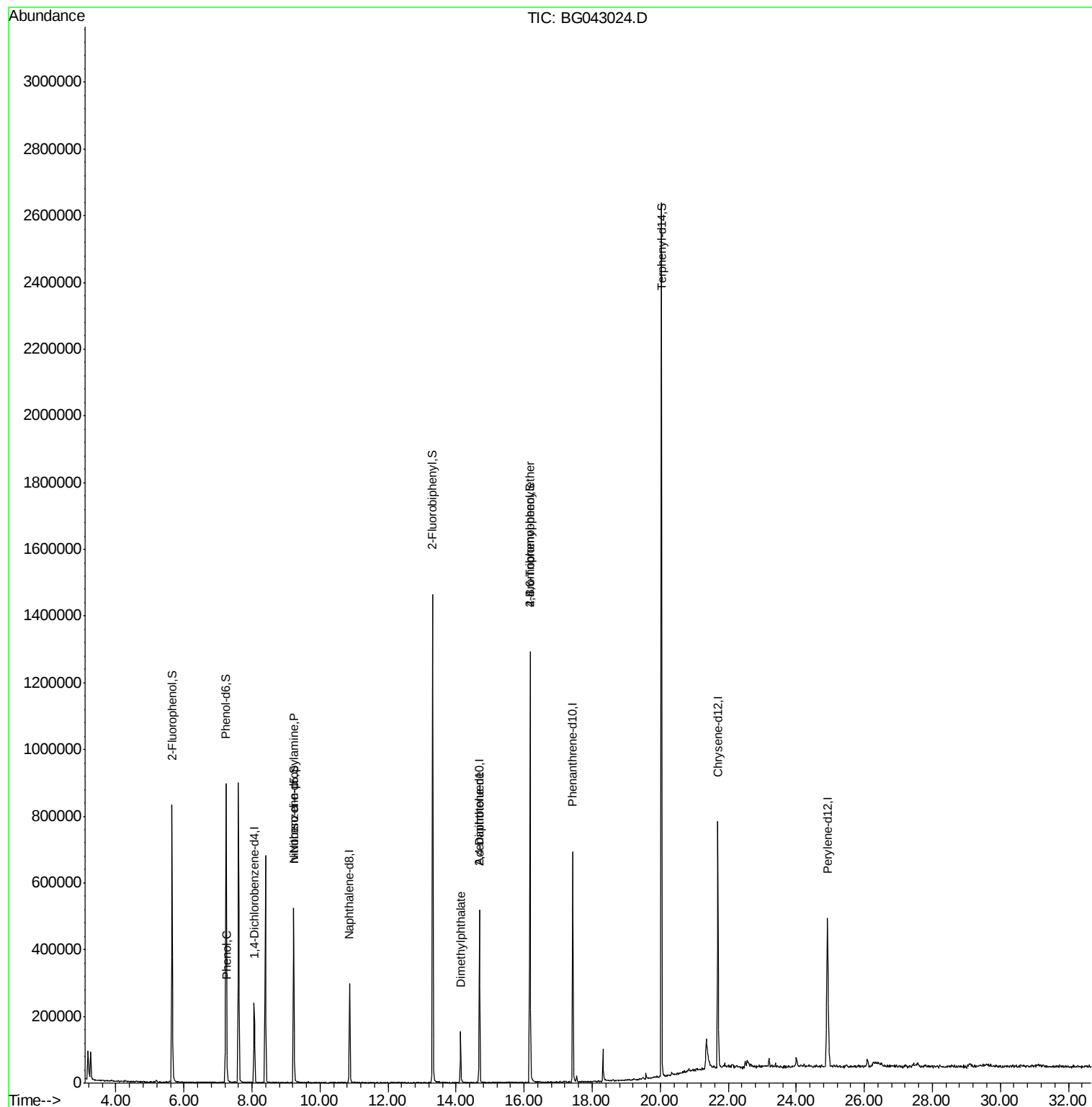
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	69204	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	261377	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	189306	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	434497	20.00	ng	0.00
76) Chrysene-d12	21.70	240	471488	20.00	ng	-0.02
87) Perylene-d12	24.91	264	541684	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	355440	91.66	ng	0.00
7) Phenol-d6	7.24	99	527488	94.46	ng	0.00
23) Nitrobenzene-d5	9.23	82	333524	62.02	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	276533	84.95	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	782595	59.93	ng	-0.01
79) Terphenyl-d14	20.04	244	1338483	60.49	ng	0.00
Target Compounds						
10) Phenol	7.26	94	13783	2.690	ng	95
19) n-Nitroso-di-n-propylamine	9.23	70	46728	12.744	ng	# 70
50) Dimethylphthalate	14.13	163	104281	7.352	ng	99
57) 2,4-Dinitrotoluene	14.69	165	25595	5.786	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	18543	3.400	ng	# 1

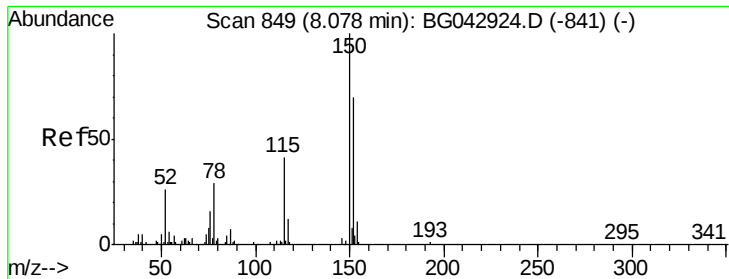
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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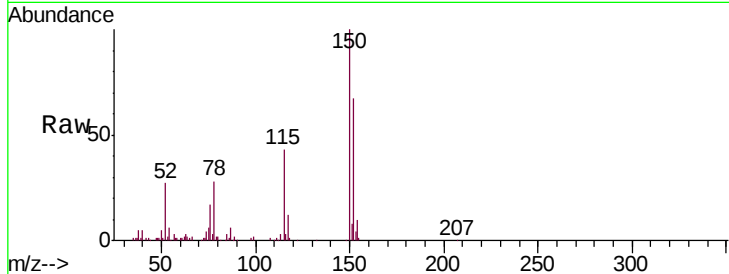


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-4-ABCD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.5	115.0	172.4
115	63.7	47.0	70.6

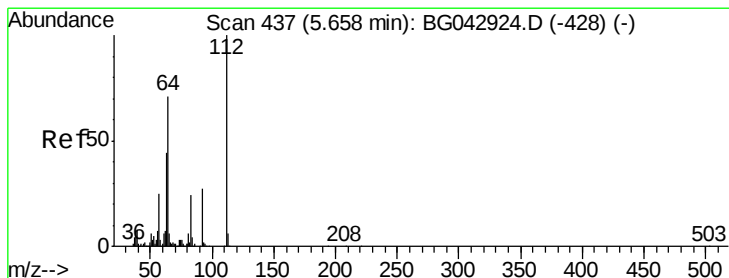
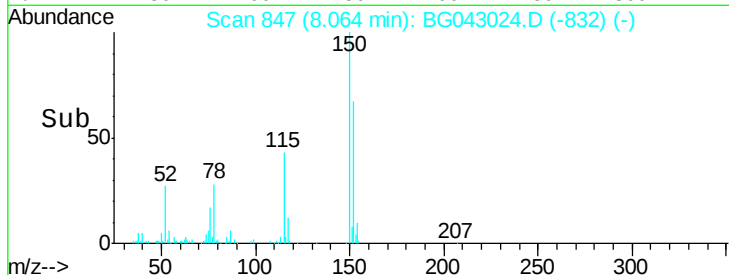
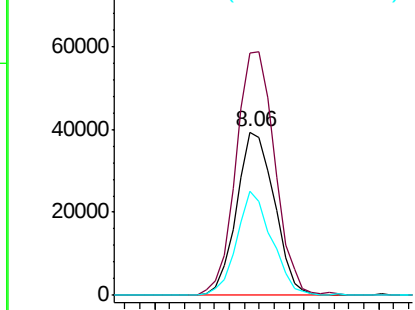


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

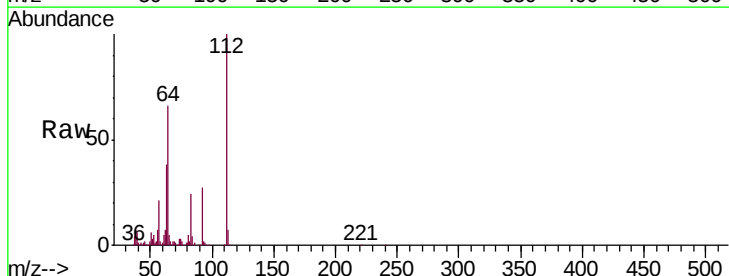
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.660 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	56.6	84.8
63	38.4	35.1	52.7

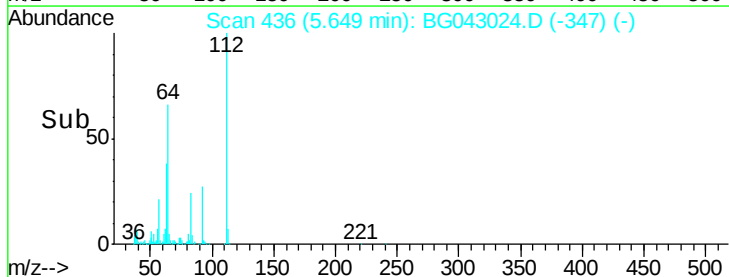
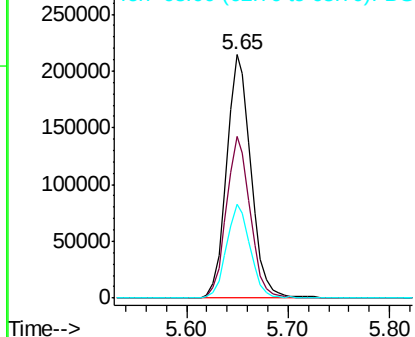


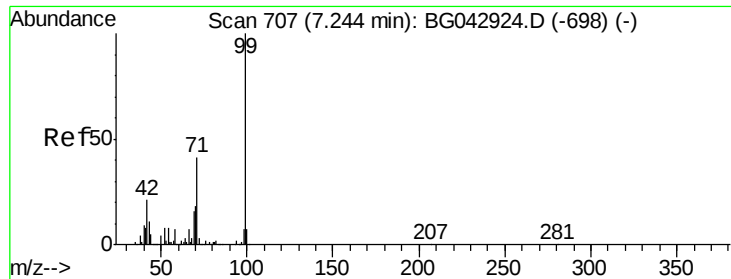
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 94.460 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-4-ABCD

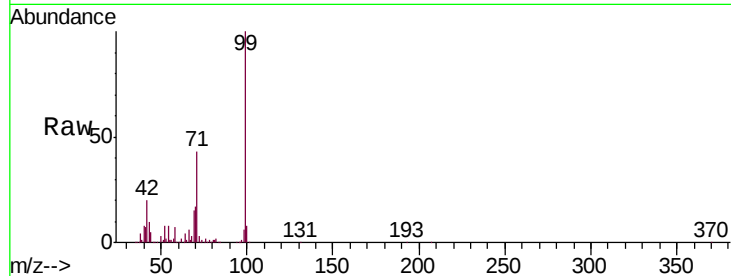
Tgt Ion: 99 Resp: 527488

Ion Ratio Lower Upper

99 100

42 20.2 17.2 25.8

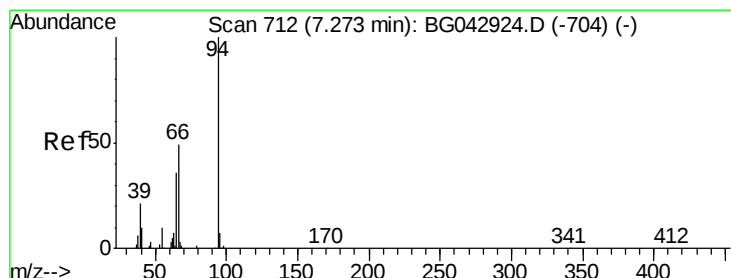
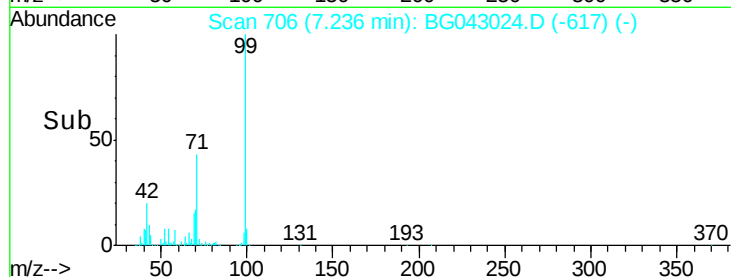
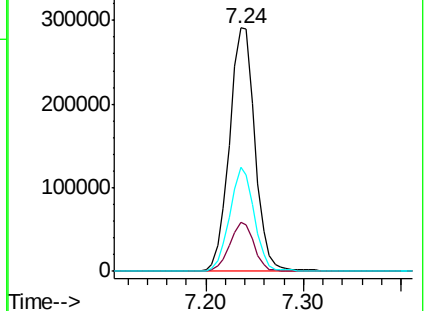
71 42.9 33.1 49.7



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



#10

Phenol

Concen: 2.690 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

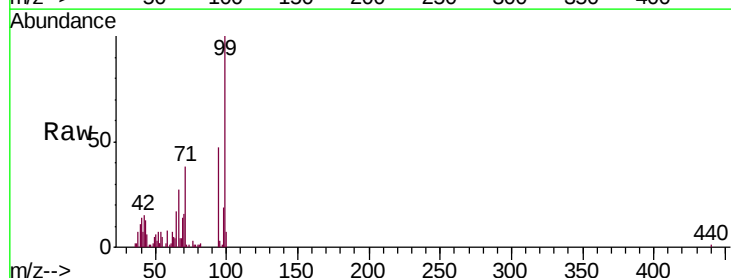
Tgt Ion: 94 Resp: 13783

Ion Ratio Lower Upper

94 100

65 35.8 16.6 56.6

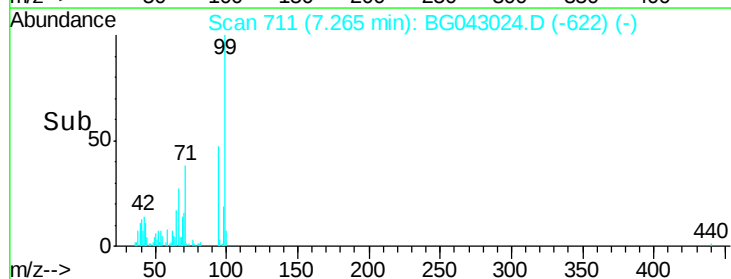
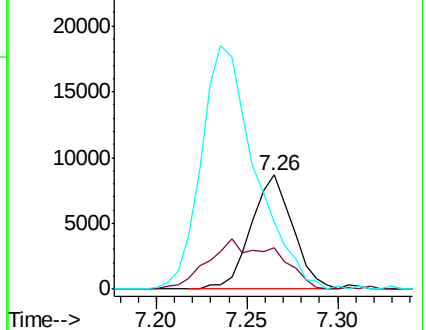
66 58.3 32.4 72.4

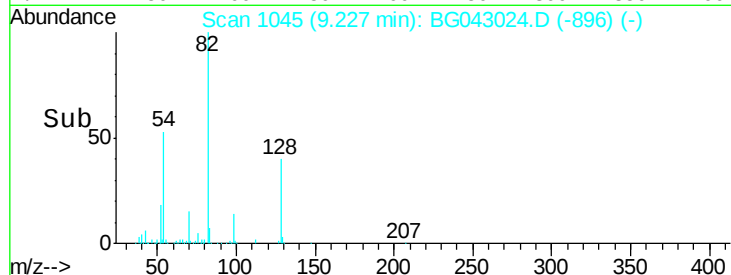
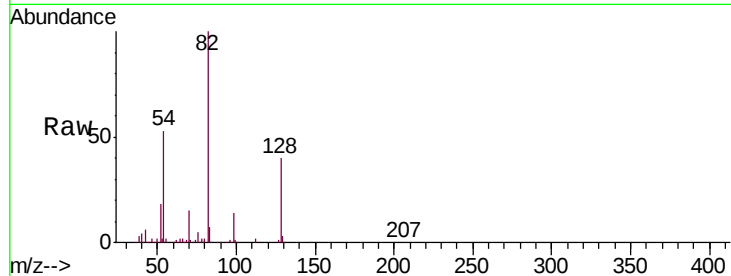
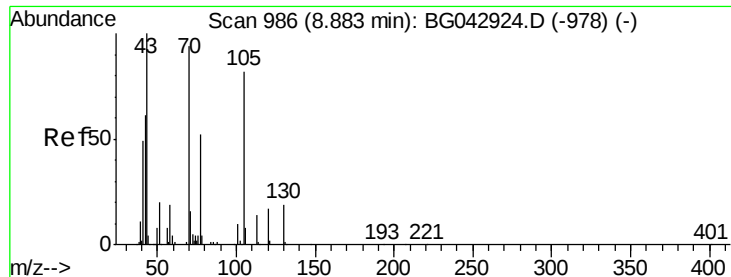


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

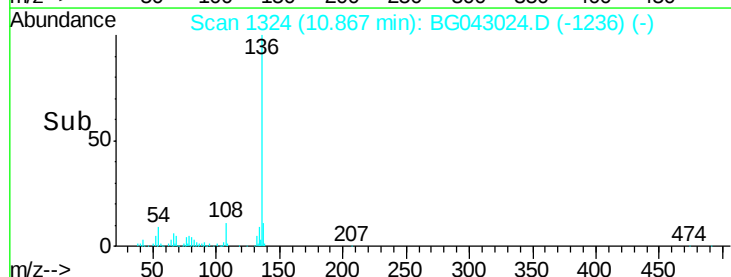
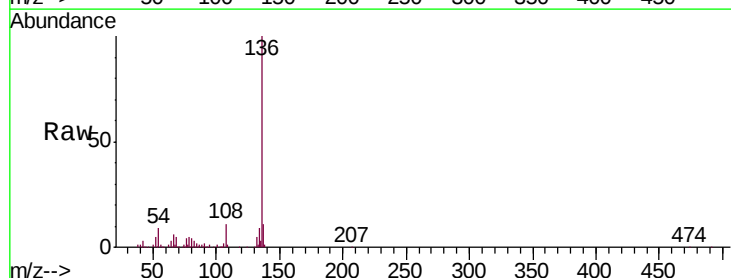
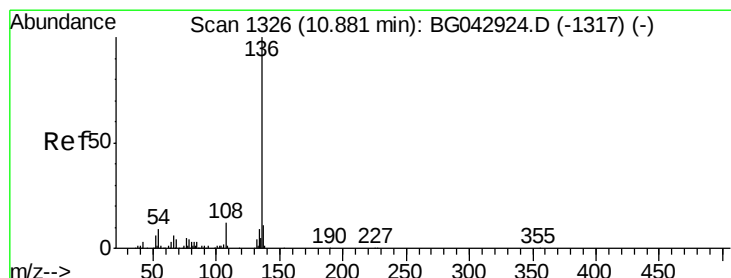
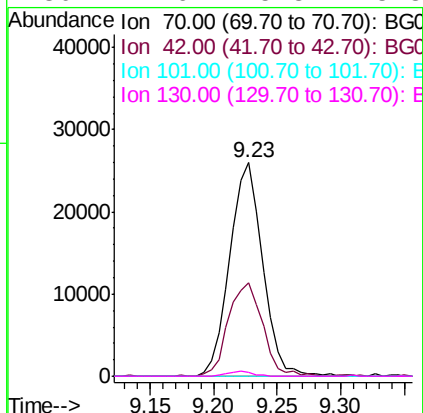




#19
n-Nitroso-di-n-propylamine
Concen: 12.744 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.34 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

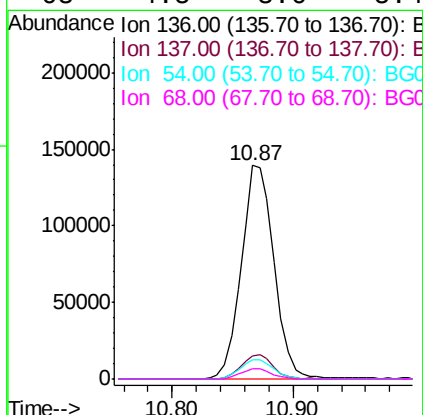
Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-4-ABCD

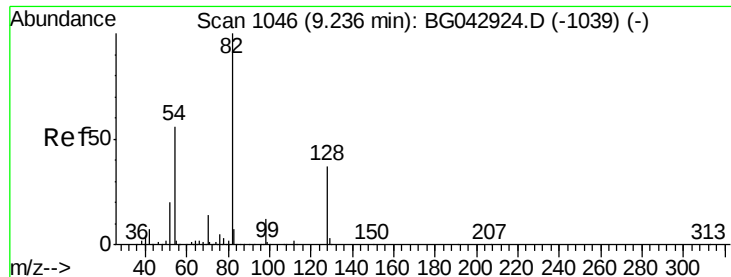
Tgt Ion: 70 Resp: 46728
Ion Ratio Lower Upper
70 100
42 43.7 52.6 79.0#
101 0.0 8.7 13.1#
130 1.6 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Tgt Ion: 136 Resp: 261377
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.8 7.4 11.2
68 4.5 3.6 5.4

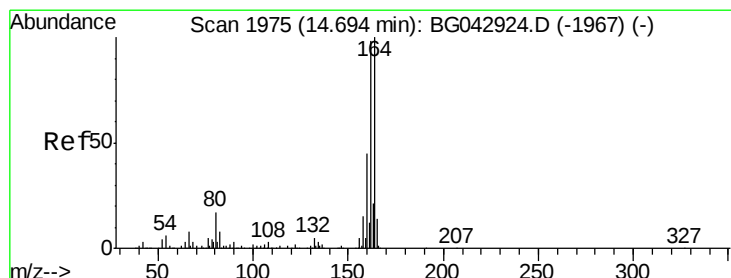
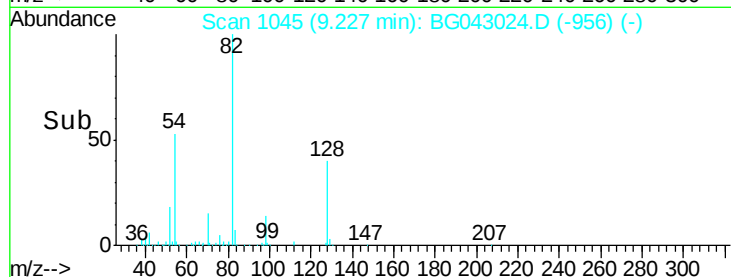
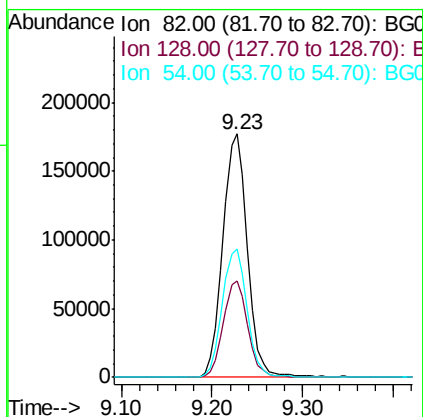
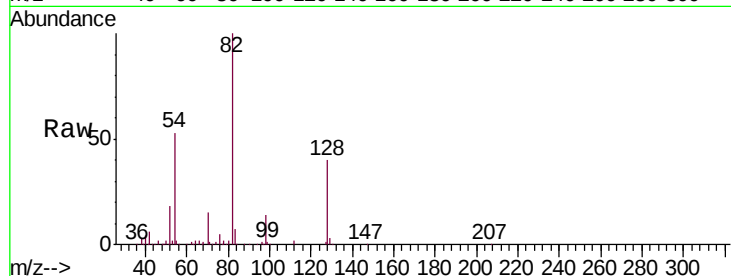




#23
 Nitrobenzene-d5
 Concen: 62.021 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG043024.D
 Acq: 4 Oct 2019 4:22

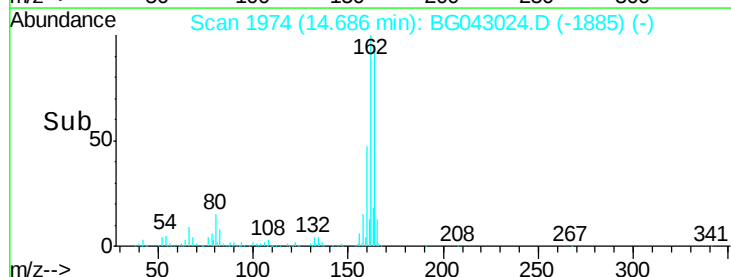
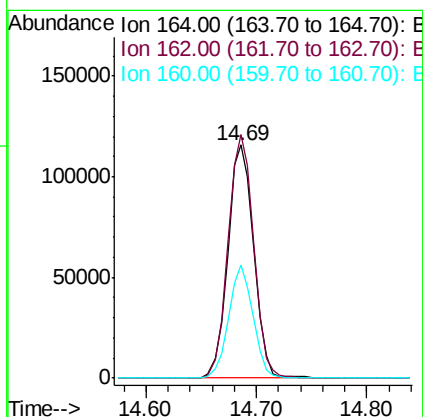
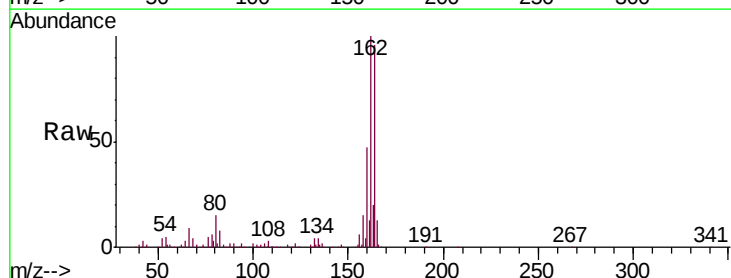
Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-AVENUE-4-ABCD

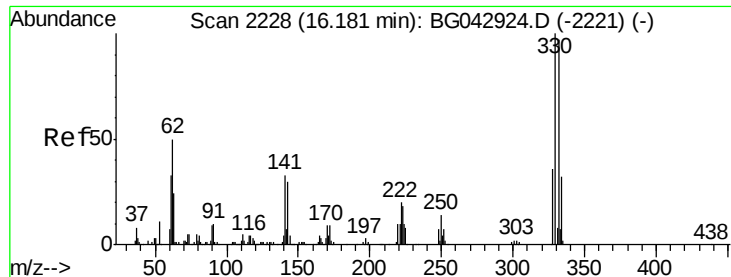
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.5	44.3
54	52.6	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG043024.D
 Acq: 4 Oct 2019 4:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.5	117.7
160	48.8	35.9	53.9

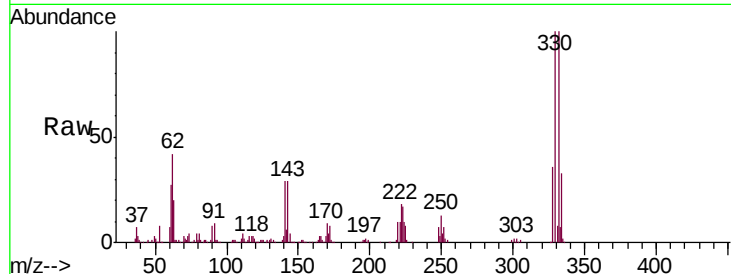




#42
 2,4,6-Tribromophenol
 Concen: 84.950 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG043024.D
 Acq: 4 Oct 2019 4:22

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-AVENUE-4-ABCD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.6	78.2	117.2
141	29.7	26.0	39.0

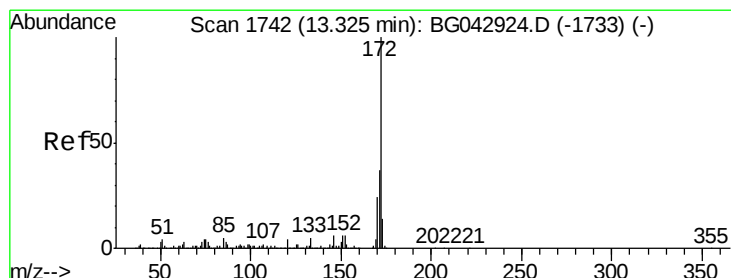
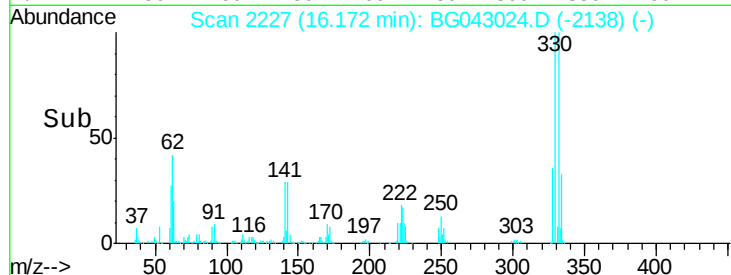
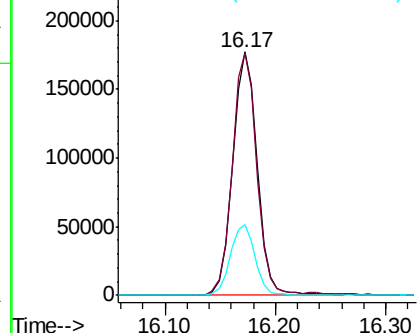


Abundance

Ion 329.80 (329.50 to 330.50): E

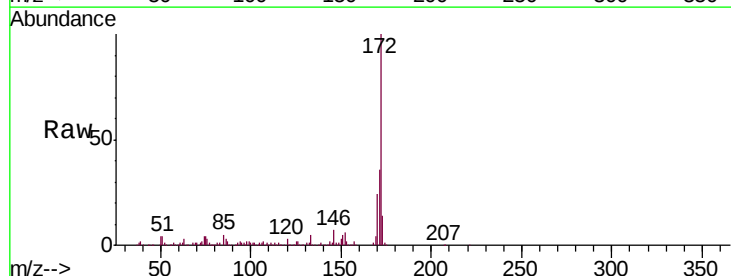
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 59.931 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG043024.D
 Acq: 4 Oct 2019 4:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.5	19.6	29.4

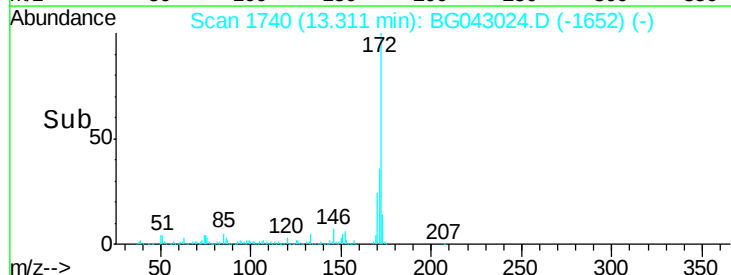
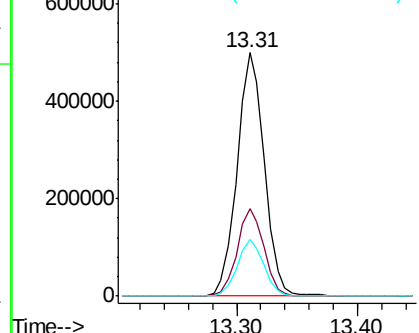


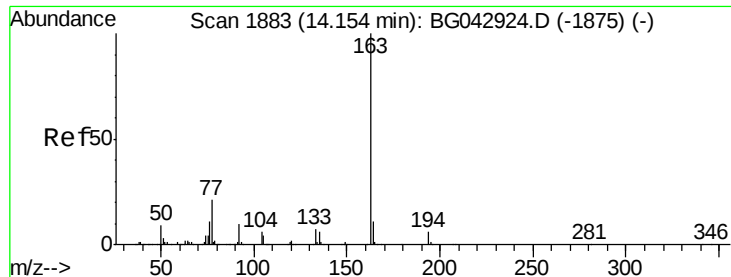
Abundance

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

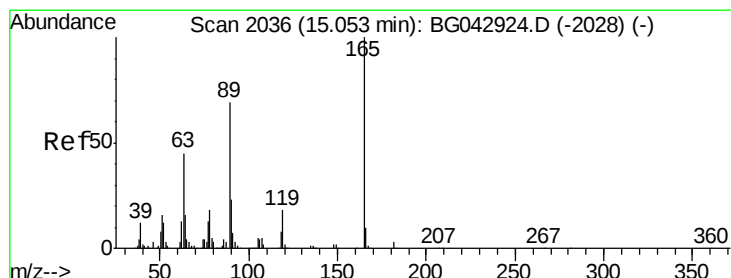
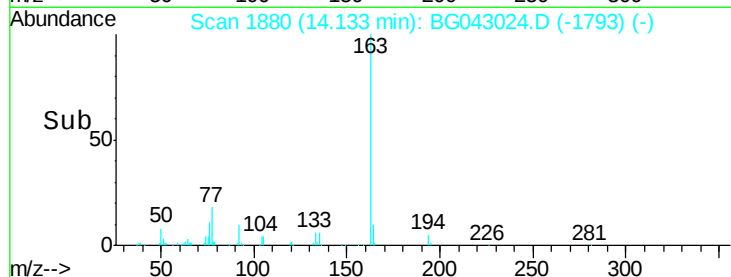
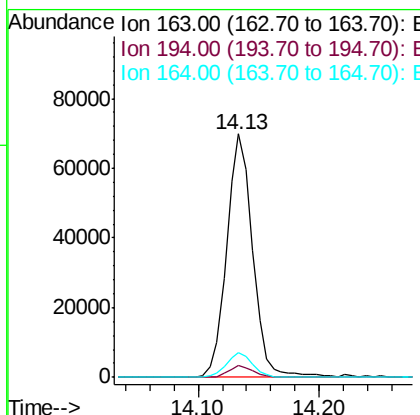
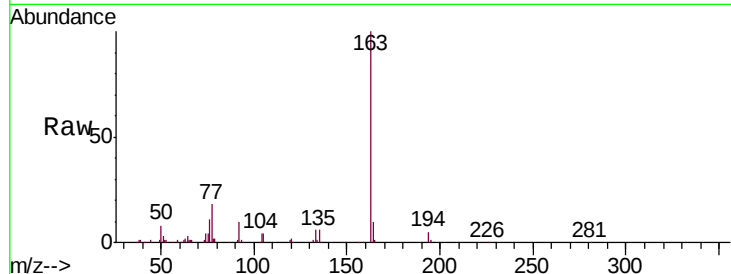




#50
Dimethylphthalate
Concen: 7.352 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

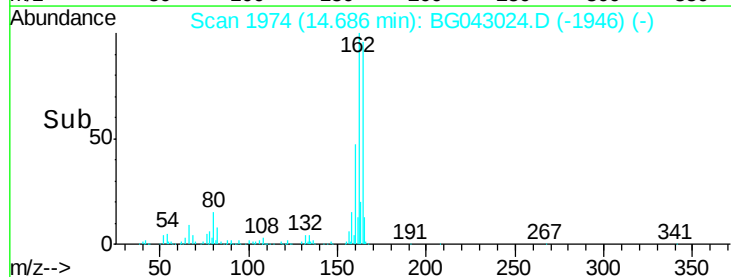
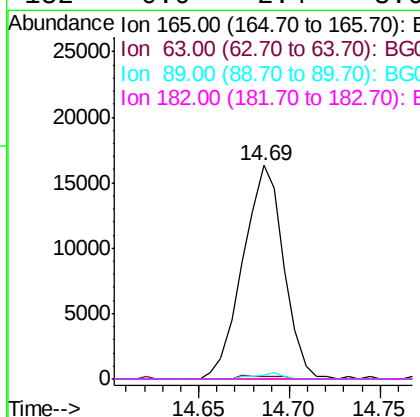
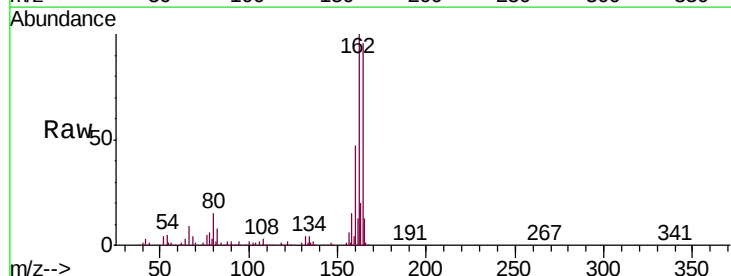
Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-4-ABCD

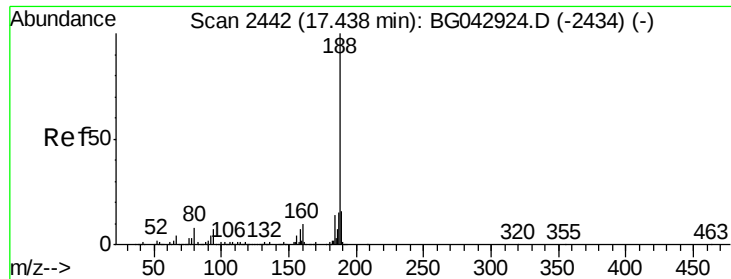
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.3	8.6	12.8



#57
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.5	54.7#
89	1.8	55.5	83.3#
182	0.0	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-4-ABCD

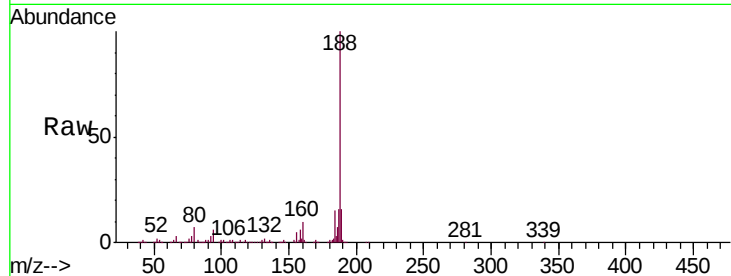
Tgt Ion:188 Resp: 434497

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

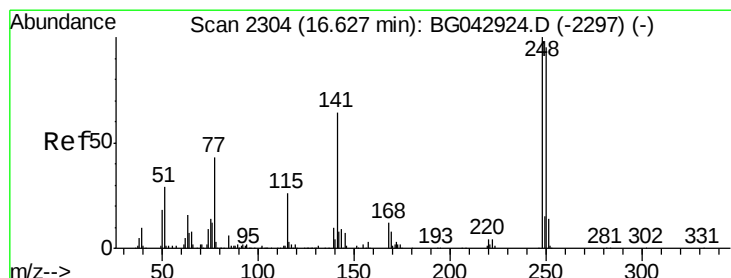
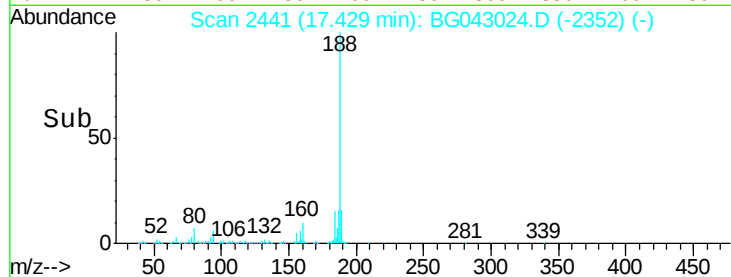
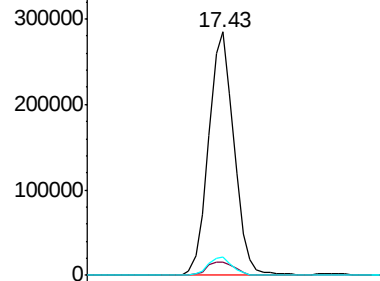
80 7.4 6.5 9.7



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: 3.400 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.46 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

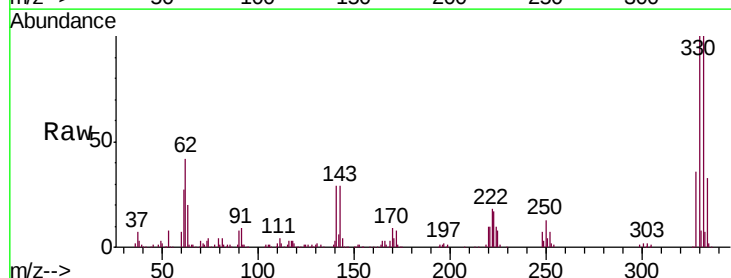
Tgt Ion:248 Resp: 18543

Ion Ratio Lower Upper

248 100

250 185.4 75.8 113.8#

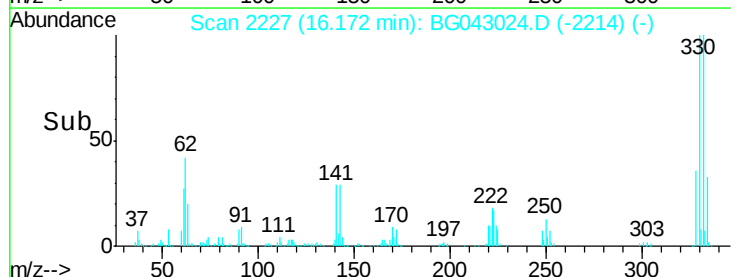
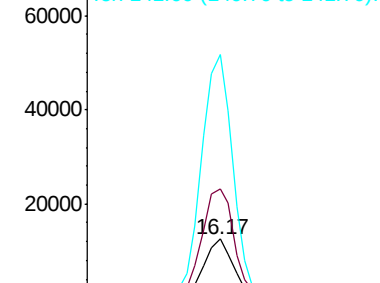
141 411.6 51.1 76.7#

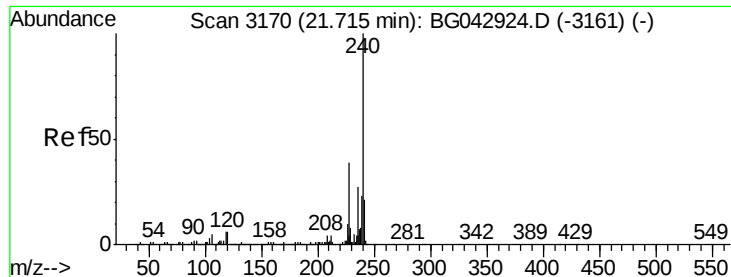


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

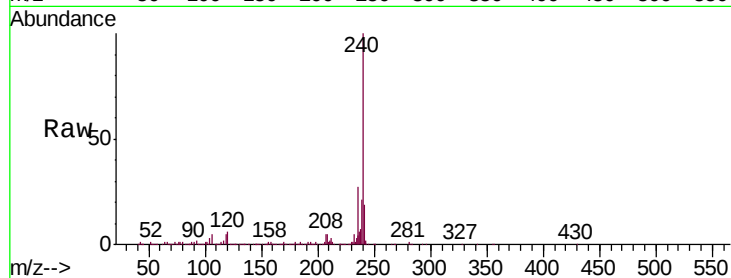




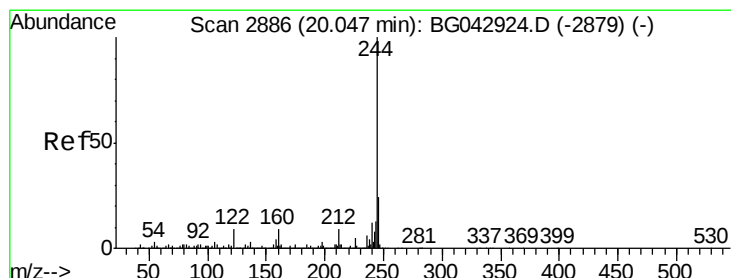
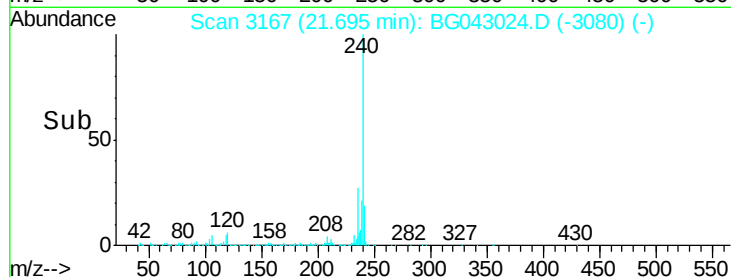
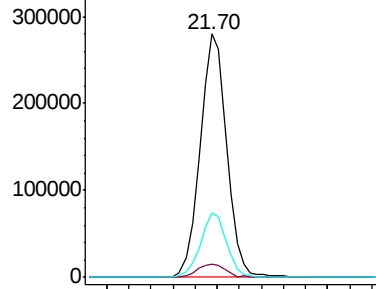
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-4-ABCD

Tgt Ion:240 Resp: 471488
Ion Ratio Lower Upper
240 100
120 5.6 4.8 7.2
236 26.7 21.4 32.0

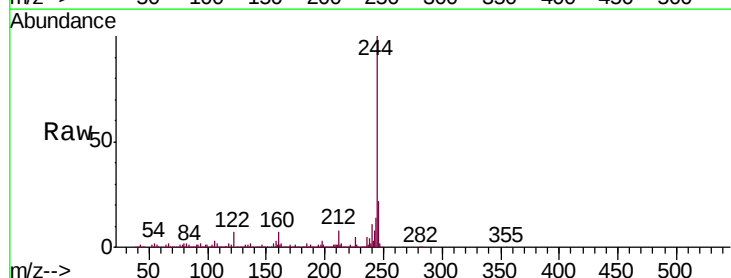


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

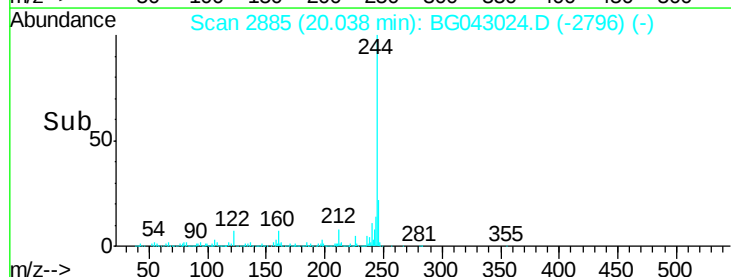
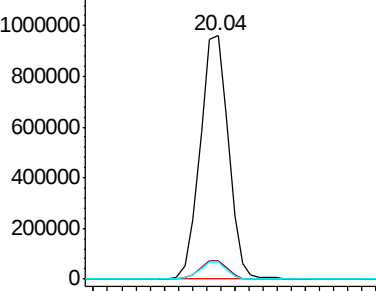


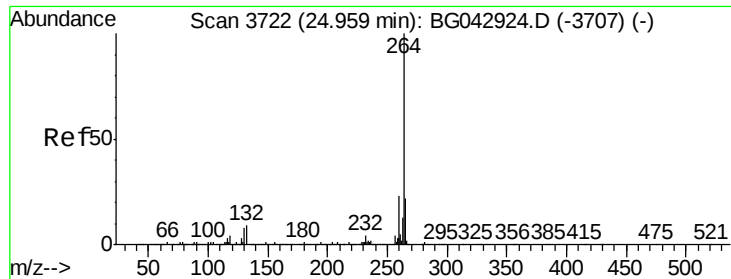
#79
Terphenyl-d14
Concen: 60.492 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Tgt Ion:244 Resp: 1338483
Ion Ratio Lower Upper
244 100
212 7.6 7.4 11.0
122 6.8 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

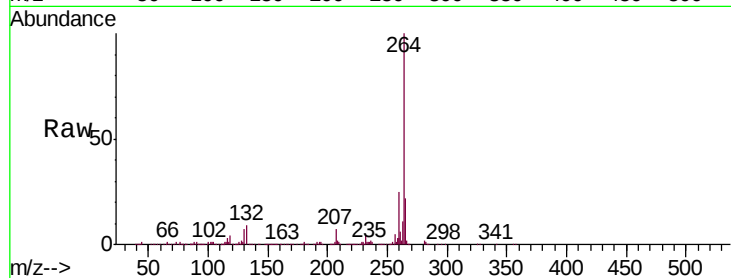




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-4-ABCD

Tgt Ion:	264	Resp:	541684
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.8	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

