

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043251.D
 Acq On : 16 Oct 2019 18:57
 Operator : JU
 Sample : K5374-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1

Quant Time: Oct 17 01:53:51 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

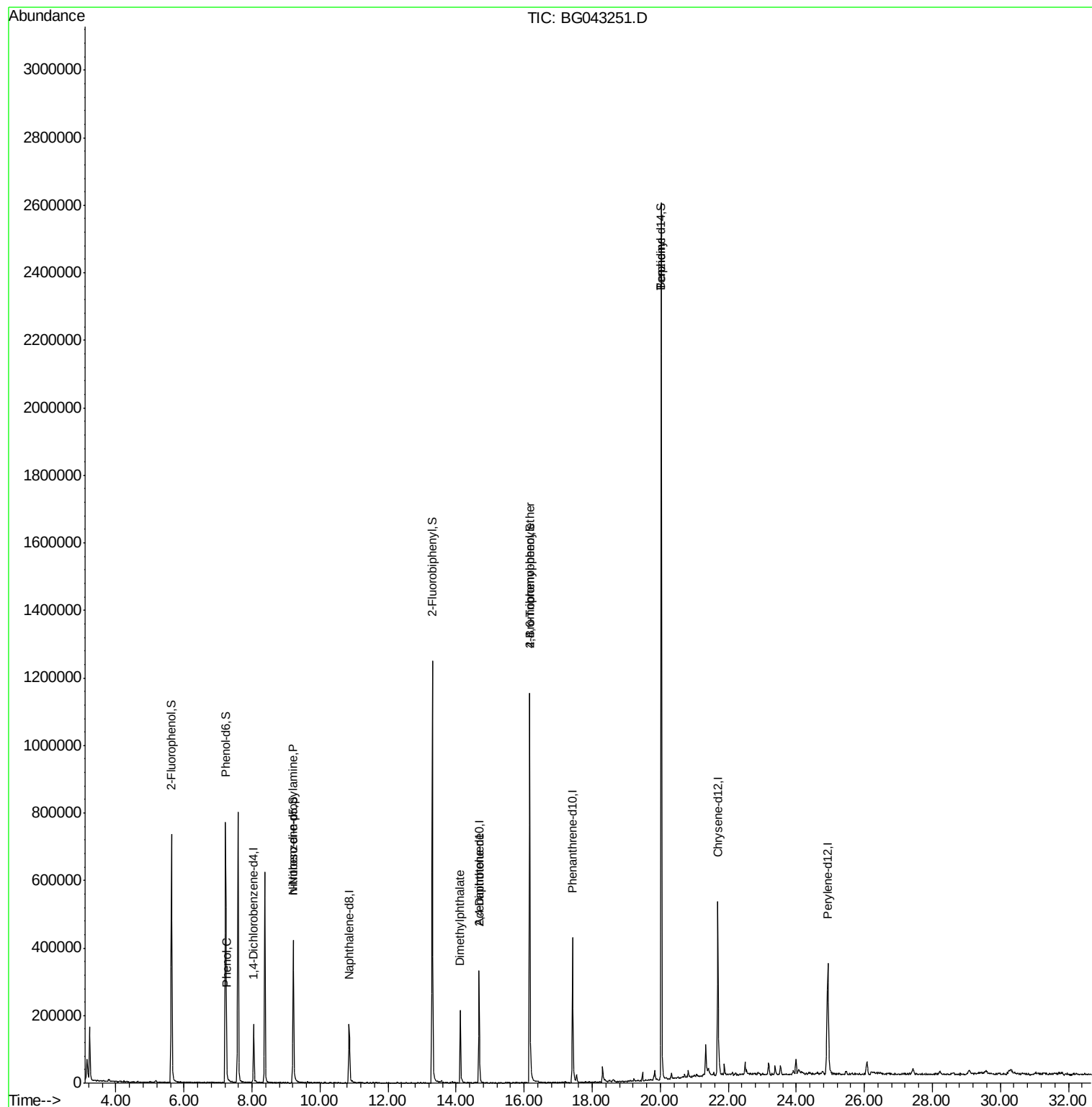
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51165	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	174915	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	129851	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	307848	20.00	ng	0.00
76) Chrysene-d12	21.69	240	341044	20.00	ng	0.00
87) Perylene-d12	24.93	264	394914	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	338552	118.09	ng	0.00
7) Phenol-d6	7.22	99	479318	116.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	292085	81.16	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	282095	126.34	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	737819	82.37	ng	0.00
79) Terphenyl-d14	20.03	244	1386479	86.63	ng	0.00
Target Compounds						
10) Phenol	7.25	94	11354	2.997	ng	85
19) n-Nitroso-di-n-propylamine	9.21	70	41163	15.184	ng	# 75
50) Dimethylphthalate	14.12	163	163380	16.793	ng	98
57) 2,4-Dinitrotoluene	14.67	165	17556	5.786	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	18400	4.762	ng	# 1
77) Benzidine	20.03	184	21035	2.463	ng	# 94

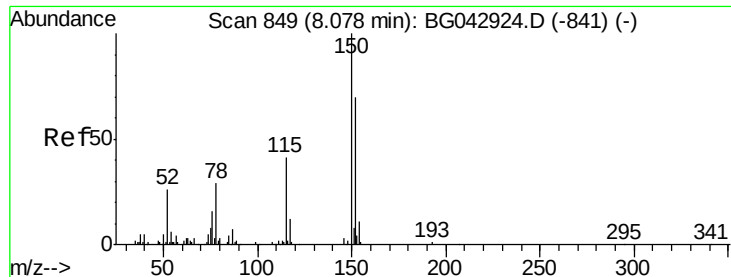
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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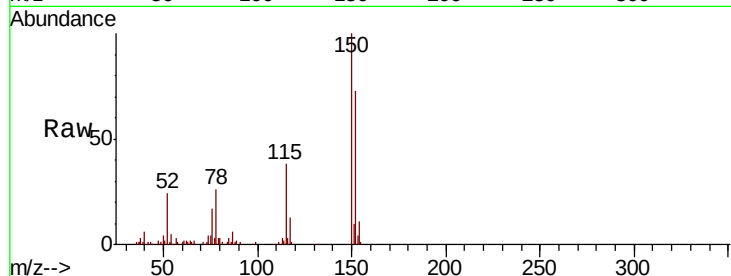


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043251.D
Acq: 16 Oct 2019 18:57

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.5	115.0	172.4
115	51.2	47.0	70.6

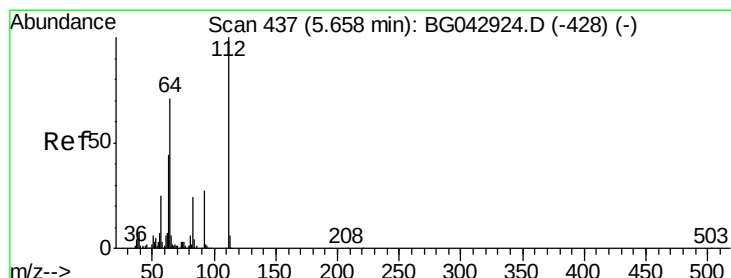
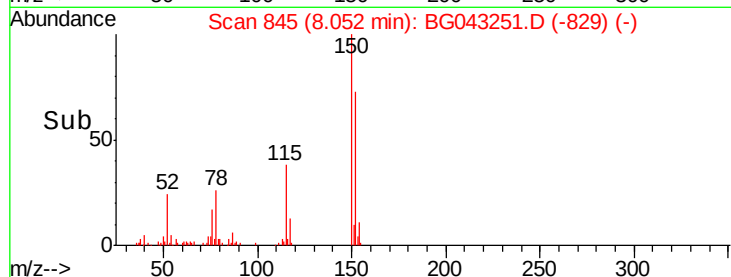
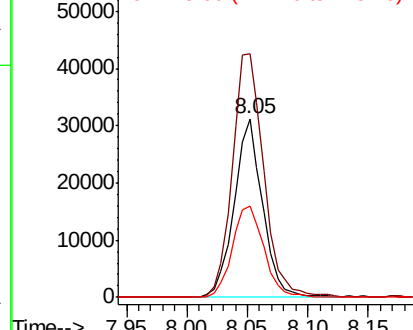


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

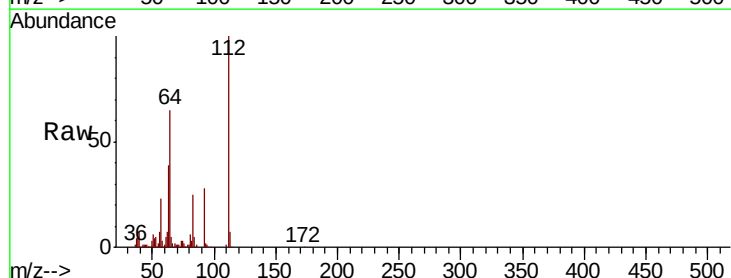
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.086 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043251.D
Acq: 16 Oct 2019 18:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	56.6	84.8
63	38.5	35.1	52.7

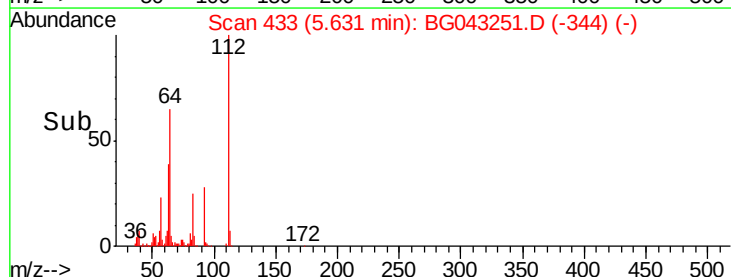
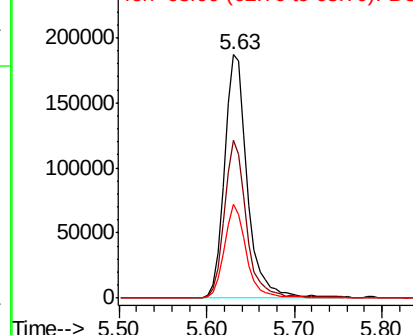


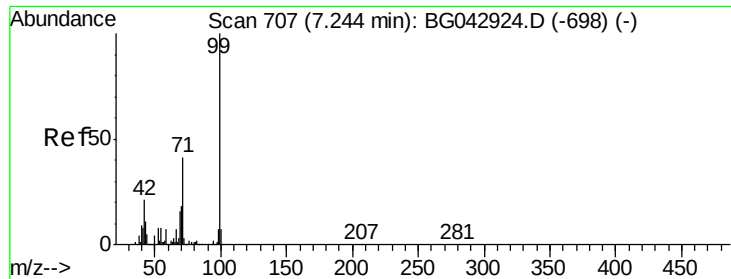
Abundance

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: 116.096 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043251.D

Acq: 16 Oct 2019 18:57

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1

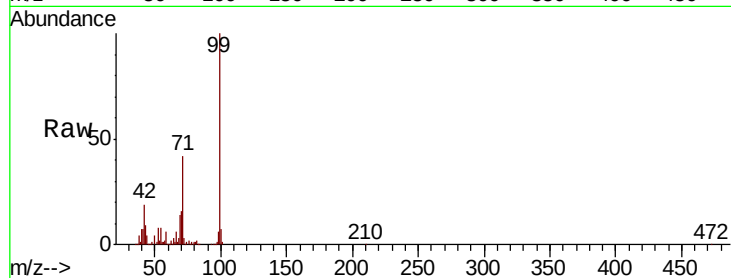
Tot Ion: 99 Resp: 479318

Ion Ratio Lower Upper

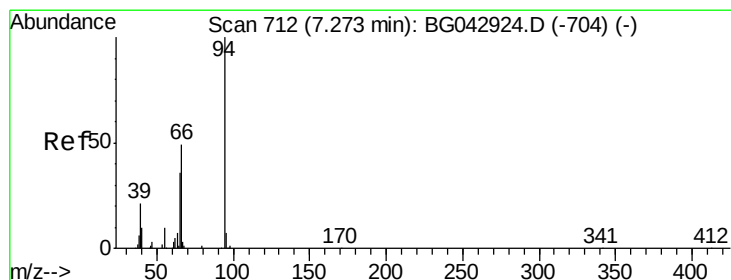
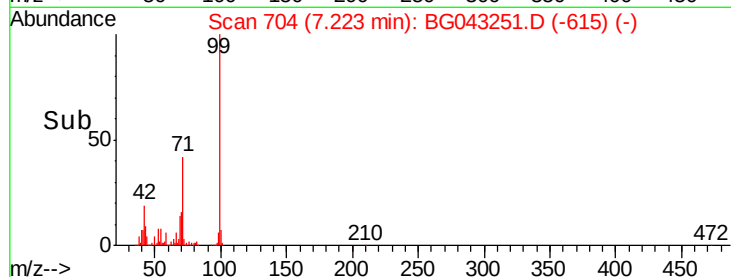
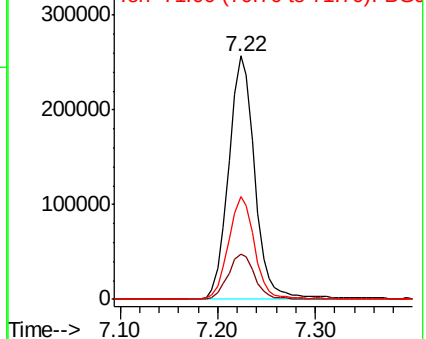
99 100

42 18.8 17.2 25.8

71 42.0 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: 2.997 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG043251.D

Acq: 16 Oct 2019 18:57

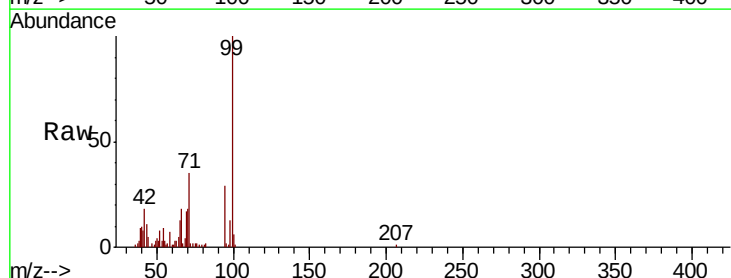
Tgt Ion: 94 Resp: 11354

Ion Ratio Lower Upper

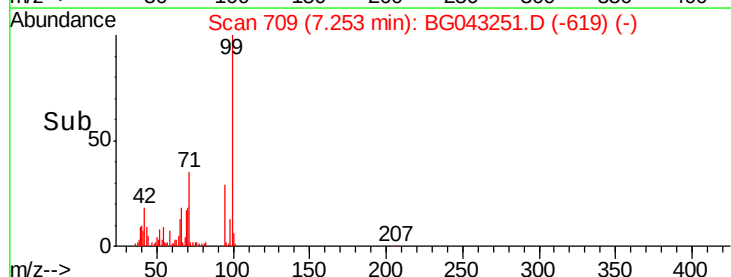
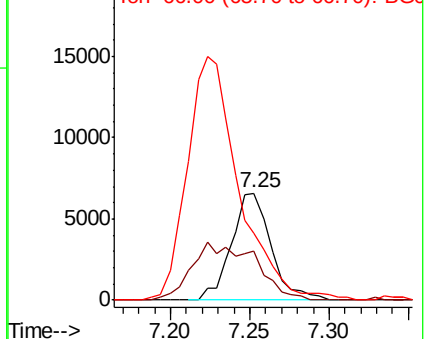
94 100

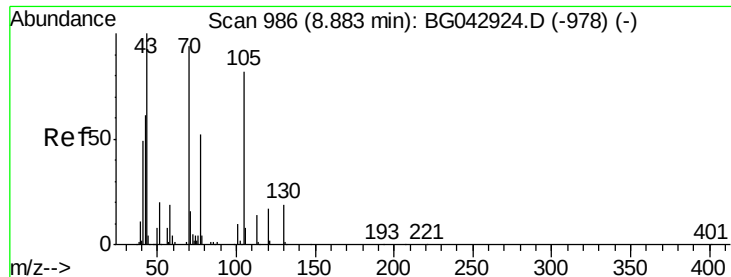
65 45.9 16.6 56.6

66 62.8 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

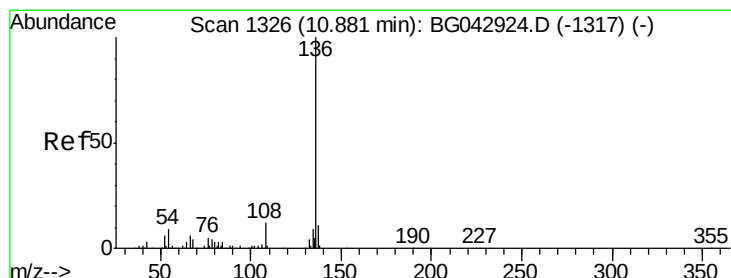
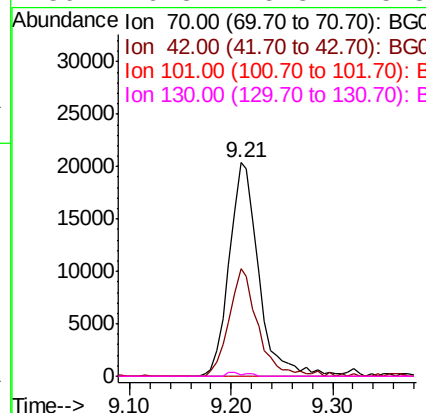
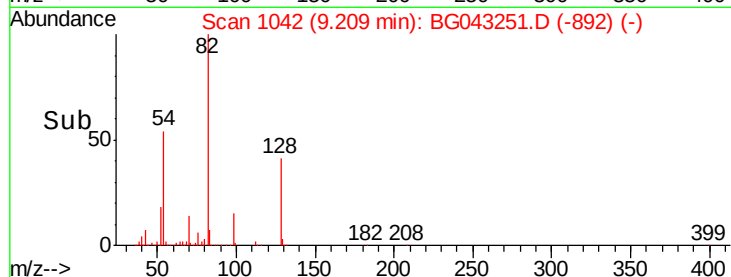
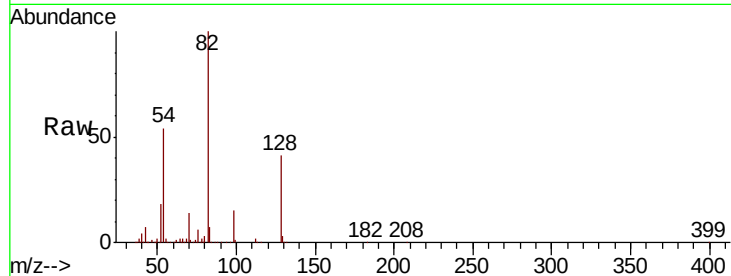




#19
n-Nitroso-di-n-propylamine
Concen: 15.184 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG043251.D
Acq: 16 Oct 2019 18:57

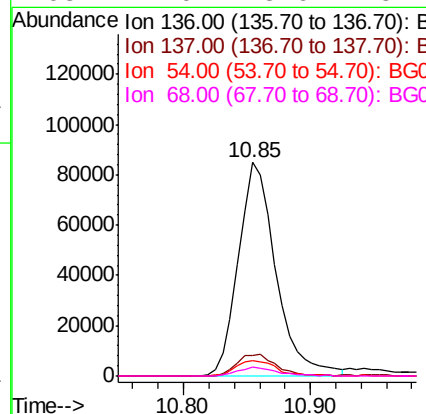
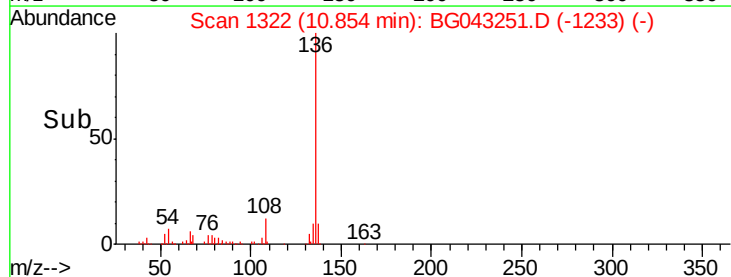
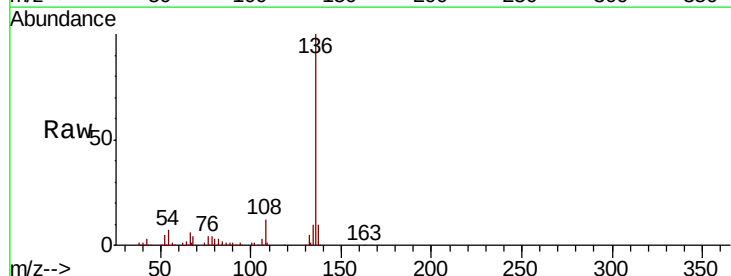
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1

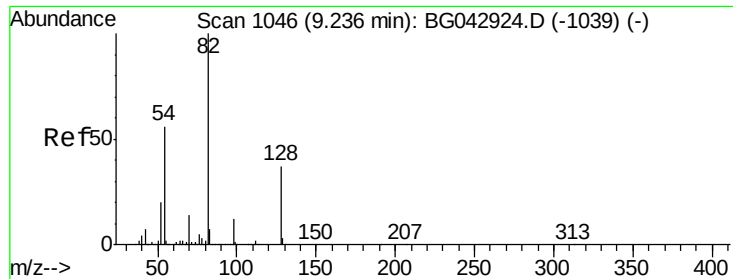
Tot Ion: 70 Resp: 41163
Ion Ratio Lower Upper
70 100
42 50.2 52.6 79.0#
101 0.0 8.7 13.1#
130 0.8 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043251.D
Acq: 16 Oct 2019 18:57

Tgt Ion: 136 Resp: 174915
Ion Ratio Lower Upper
136 100
137 9.9 8.5 12.7
54 7.5 7.4 11.2
68 4.0 3.6 5.4

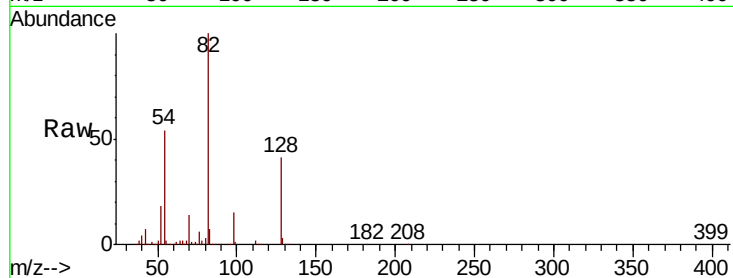




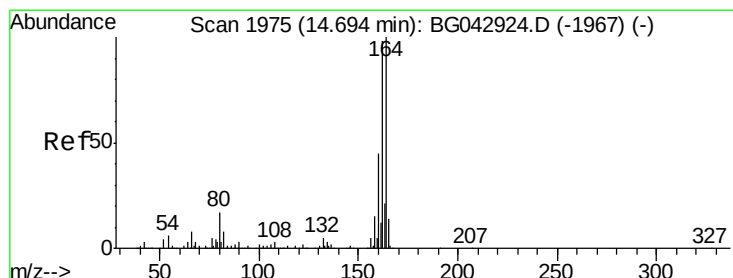
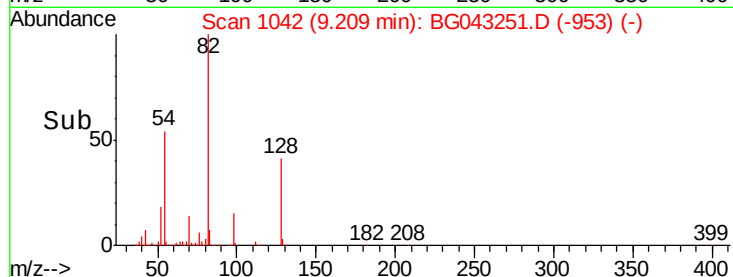
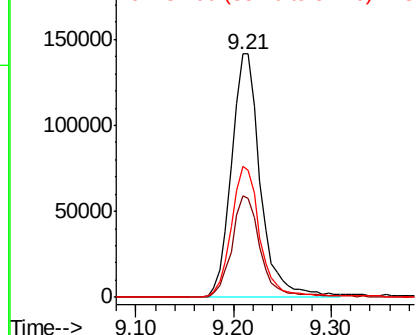
#23
 Nitrobenzene-d5
 Concen: 81.164 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043251.D
 Acq: 16 Oct 2019 18:57

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	29.5	44.3
54	54.0	44.6	67.0

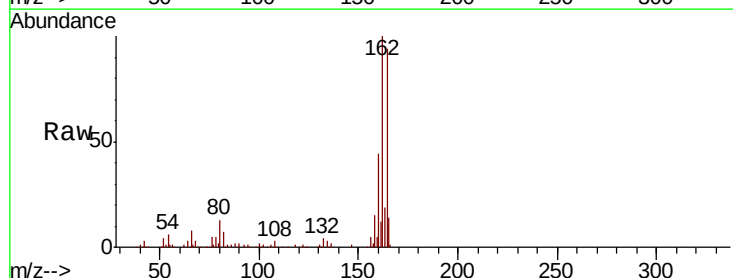


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

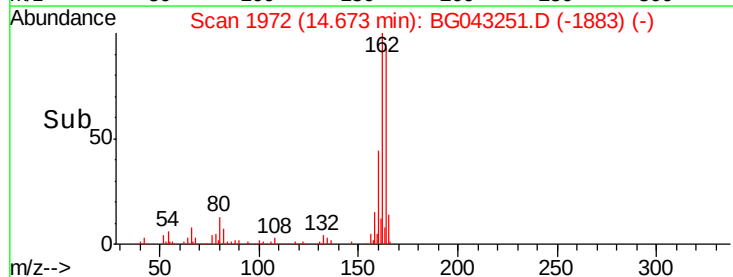
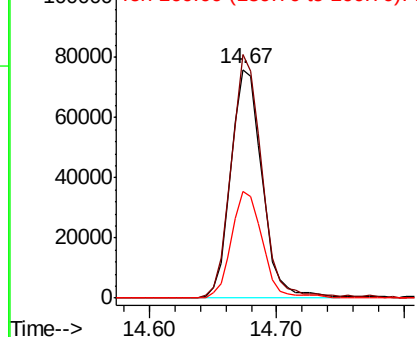


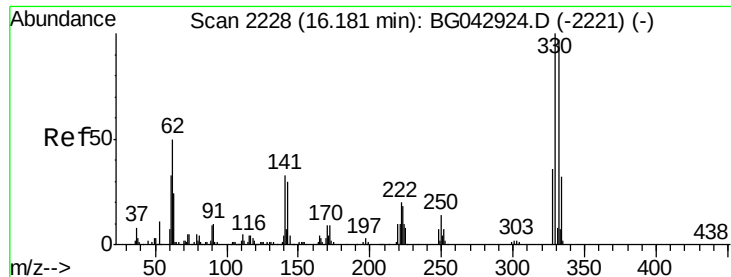
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG043251.D
 Acq: 16 Oct 2019 18:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	78.5	117.7
160	46.9	35.9	53.9



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

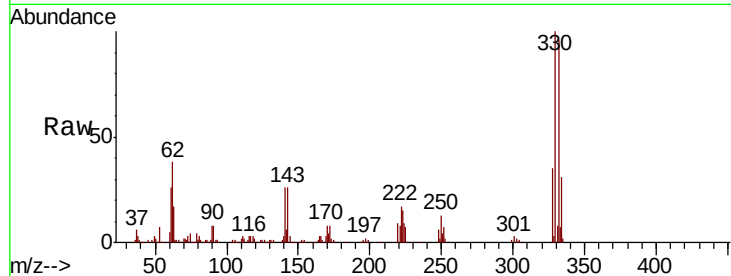




#42
 2,4,6-Tribromophenol
 Concen: 126.337 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG043251.D
 Acq: 16 Oct 2019 18:57

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	28.0	26.0	39.0

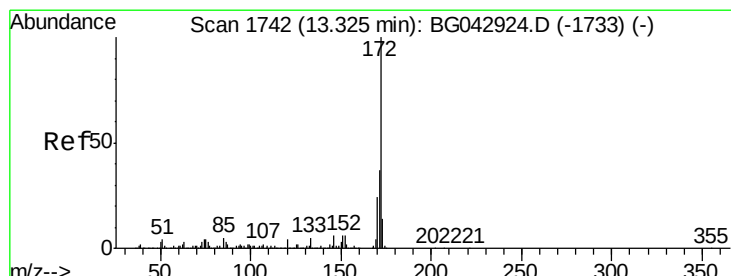
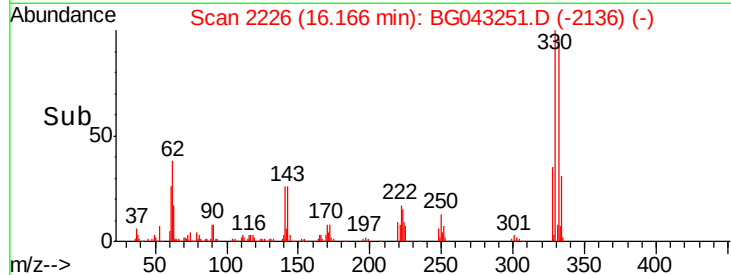
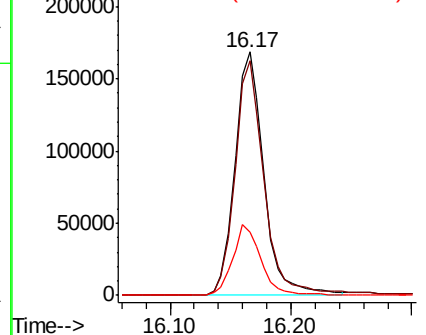


Abundance

Ion 329.80 (329.50 to 330.50): E

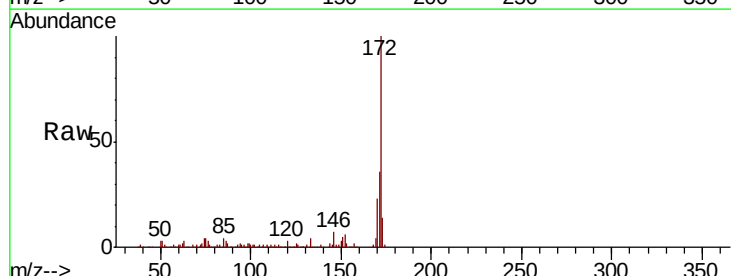
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.372 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG043251.D
 Acq: 16 Oct 2019 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.2	19.6	29.4

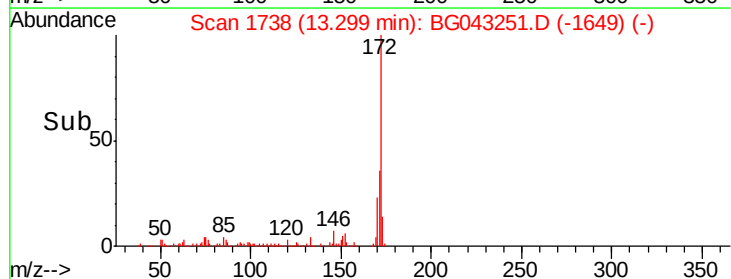
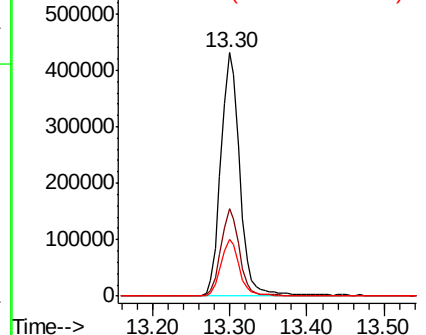


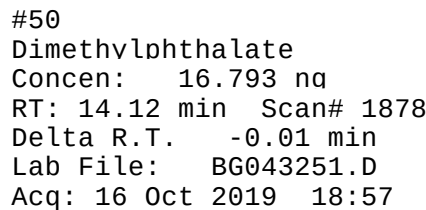
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

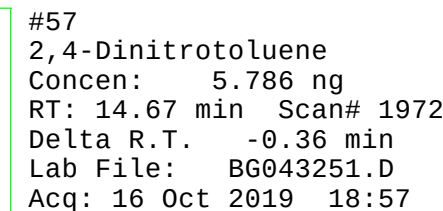
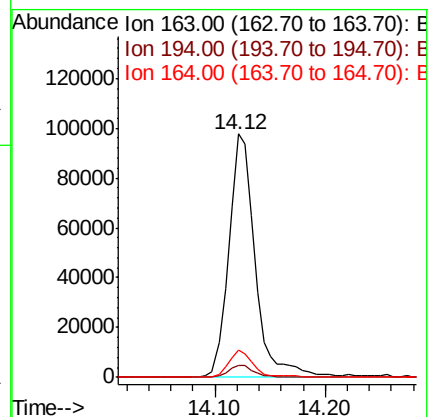
Ion 170.00 (169.70 to 170.70): E



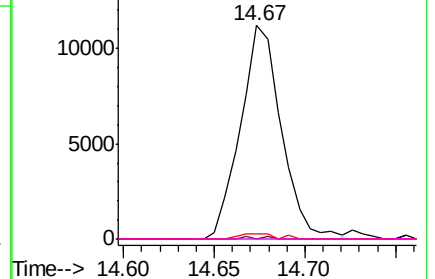
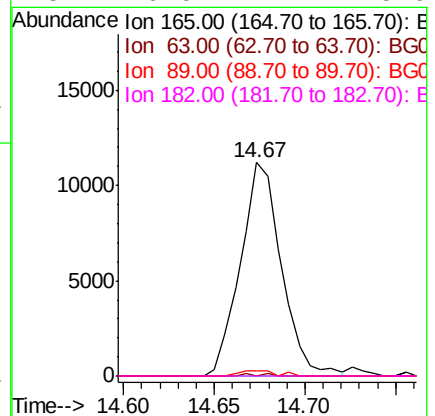


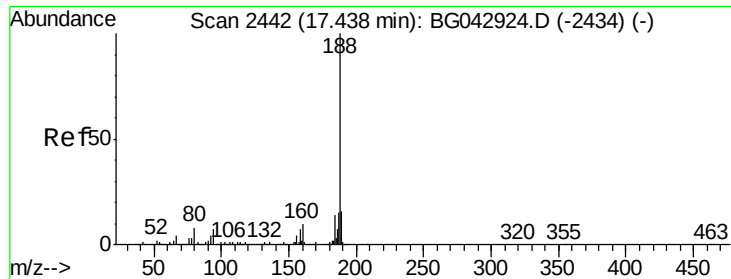
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1

Tqt	Ion:163	Resp:	163380
Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	11.3	8.6	12.8



Tgt	Ion:165	Resp:	17556
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	2.3	55.5	83.3#
182	0.0	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG043251.D

Acq: 16 Oct 2019 18:57

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1

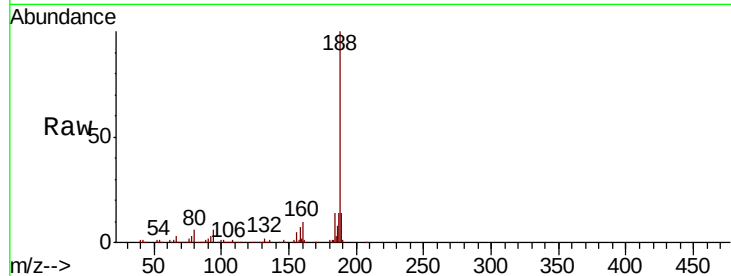
Tot Ion:188 Resp: 307848

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

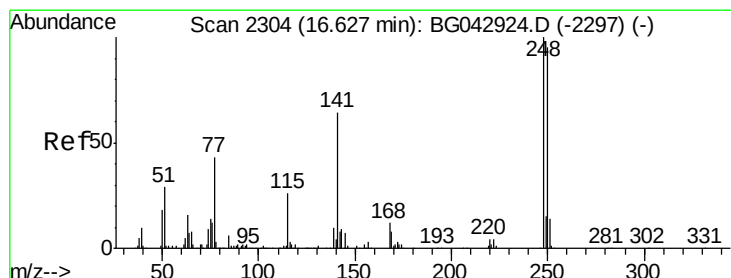
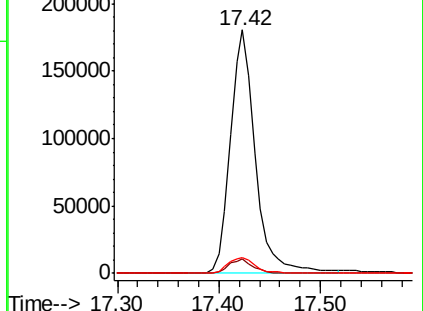
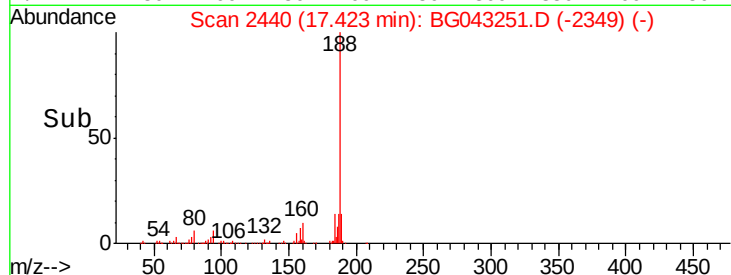
80 6.4 6.5 9.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.762 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG043251.D

Acq: 16 Oct 2019 18:57

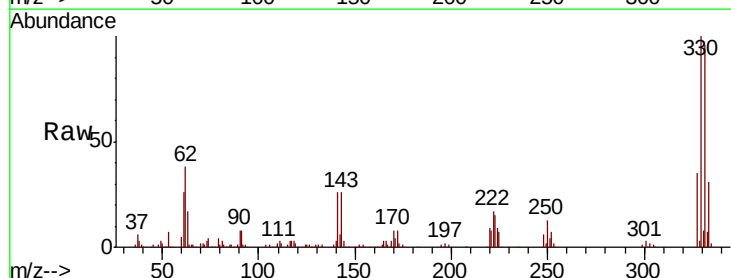
Tgt Ion:248 Resp: 18400

Ion Ratio Lower Upper

248 100

250 206.1 75.8 113.8#

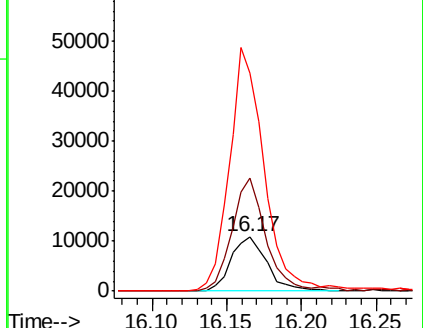
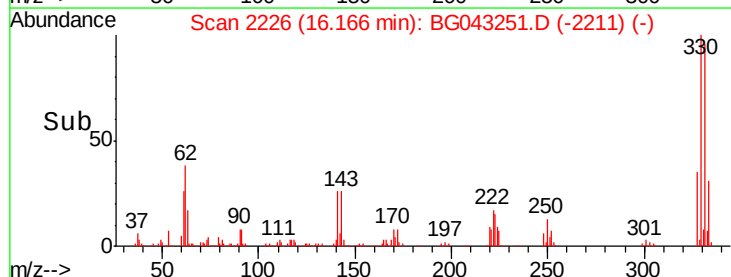
141 397.6 51.1 76.7#

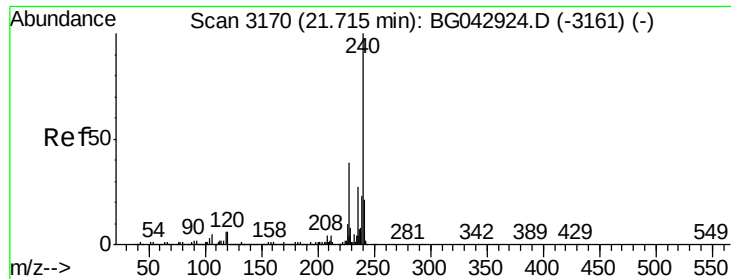


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

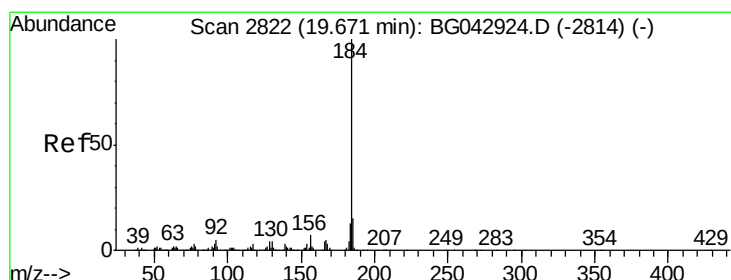
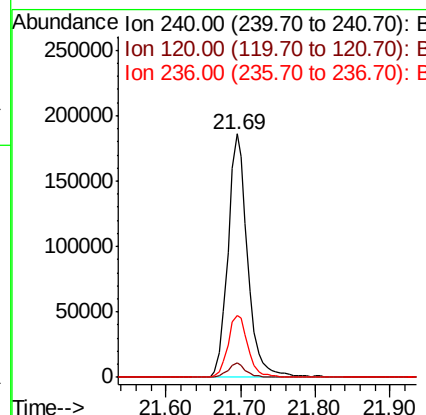
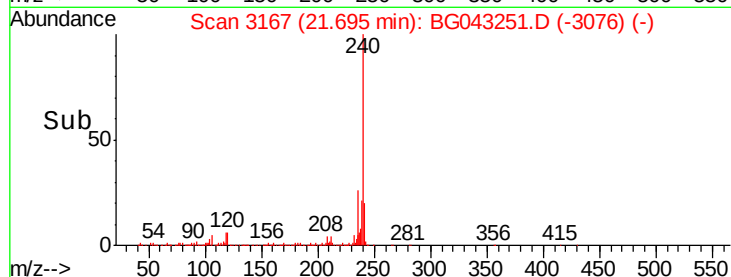
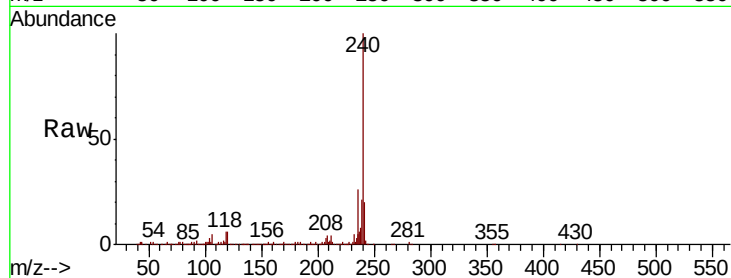




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG043251.D
Acq: 16 Oct 2019 18:57

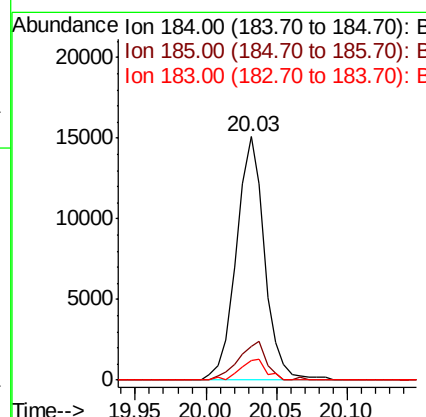
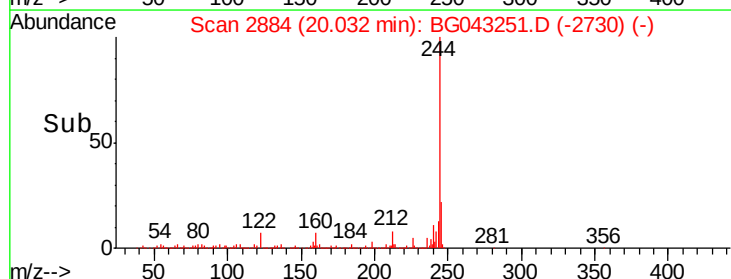
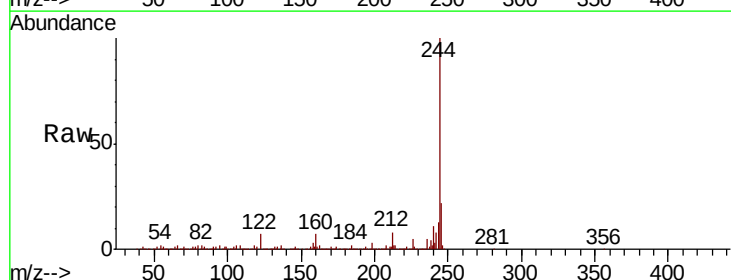
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1

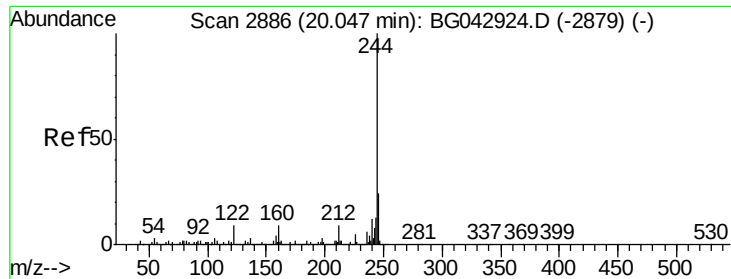
Tot Ion:240 Resp: 341044
Ion Ratio Lower Upper
240 100
120 5.8 4.8 7.2
236 25.6 21.4 32.0



#77
Benzidine
Concen: 2.463 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.37 min
Lab File: BG043251.D
Acq: 16 Oct 2019 18:57

Tgt Ion:184 Resp: 21035
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 8.3 10.1 15.1#





#79

Terphenyl-d14

Concen: 86.629 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043251.D

Acq: 16 Oct 2019 18:57

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1

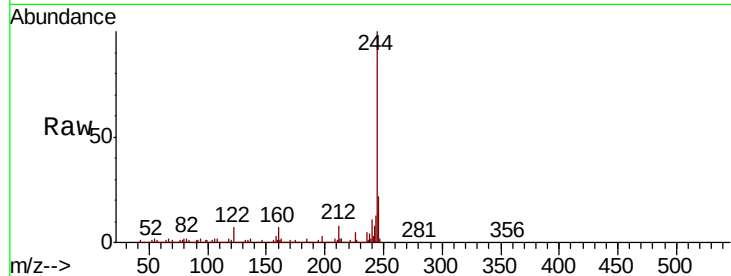
Tot Ion:244 Resp: 1386479

Ion Ratio Lower Upper

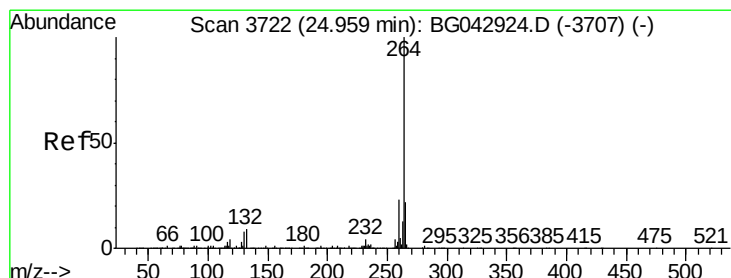
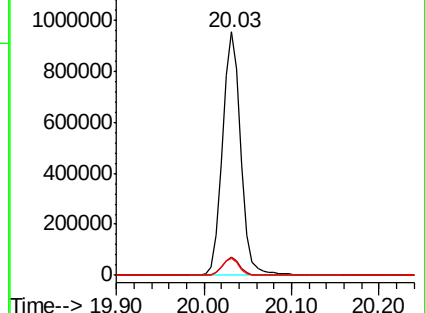
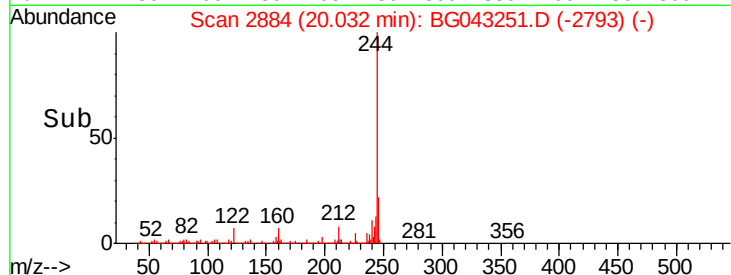
244 100

212 7.7 7.4 11.0

122 6.7 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: BG043251.D

Acq: 16 Oct 2019 18:57

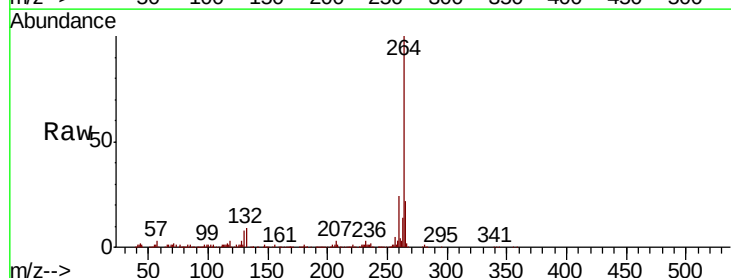
Tgt Ion:264 Resp: 394914

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.0 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

