

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043217.D
 Acq On : 15 Oct 2019 14:04
 Operator : JU
 Sample : K5348-11RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 15:05:18 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

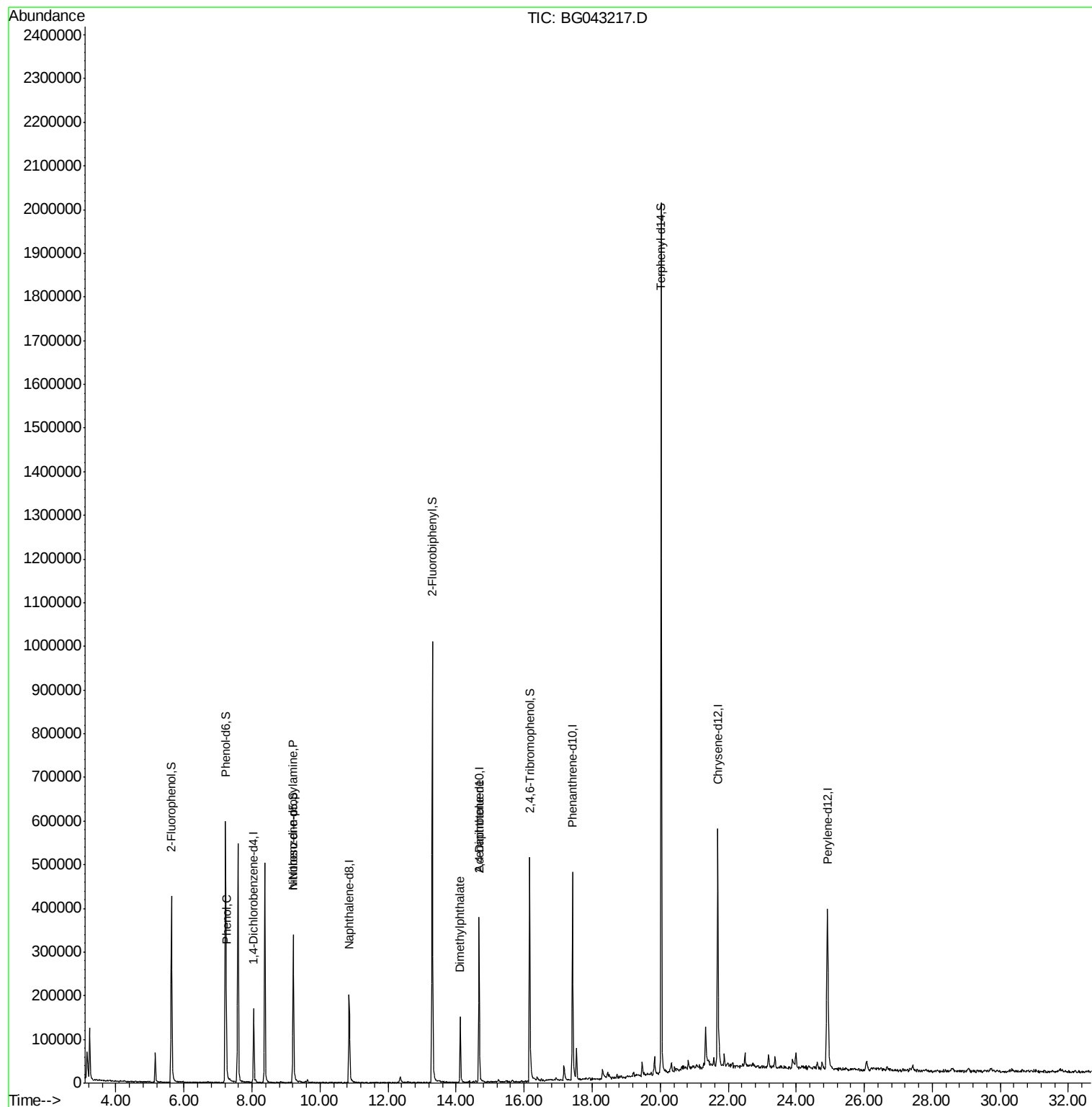
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53304	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	203464	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	148888	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	345691	20.00	ng	0.00
76) Chrysene-d12	21.70	240	375350	20.00	ng	0.00
87) Perylene-d12	24.92	264	438870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	202373	67.75	ng	0.00
7) Phenol-d6	7.22	99	368479	85.67	ng	0.00
23) Nitrobenzene-d5	9.21	82	243643	58.20	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	138908	54.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	600785	58.50	ng	0.00
79) Terphenyl-d14	20.03	244	1087704	61.75	ng	0.00
Target Compounds						
10) Phenol	7.25	94	37444	9.488	ng	96
19) n-Nitroso-di-n-propylamine	9.22	70	33469	11.850	ng	# 69
50) Dimethylphthalate	14.12	163	108321	9.710	ng	# 98
57) 2,4-Dinitrotoluene	14.67	165	19629	5.642	ng	# 26

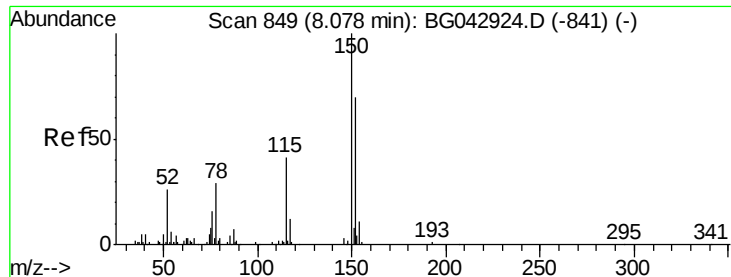
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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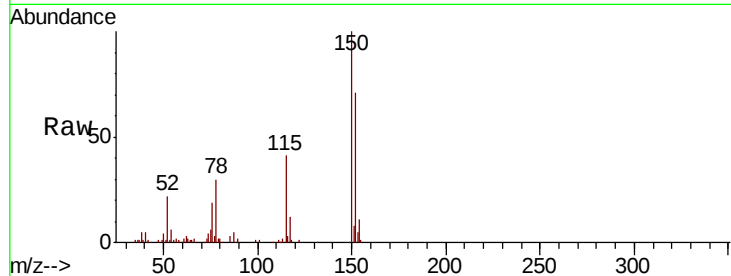


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.9	115.0	172.4
115	58.0	47.0	70.6

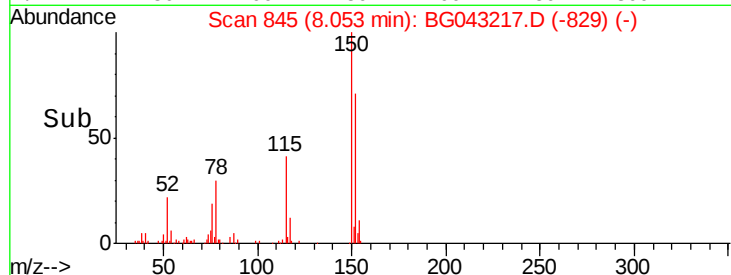
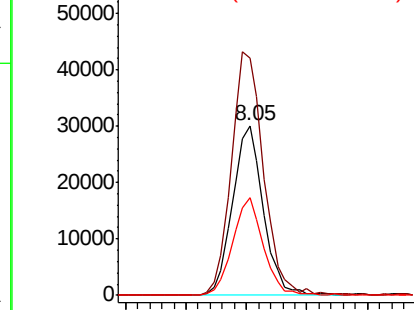


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

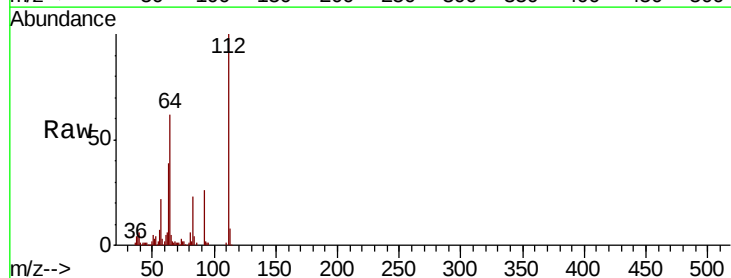
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.755 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.6	84.8
63	38.8	35.1	52.7

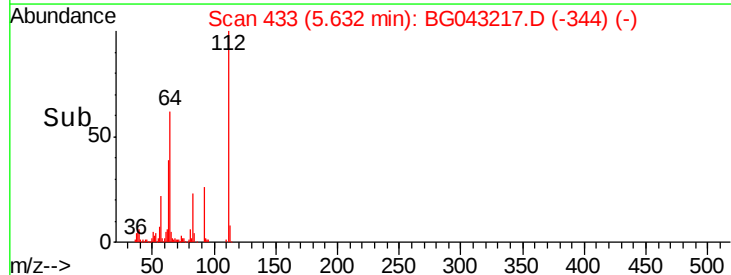
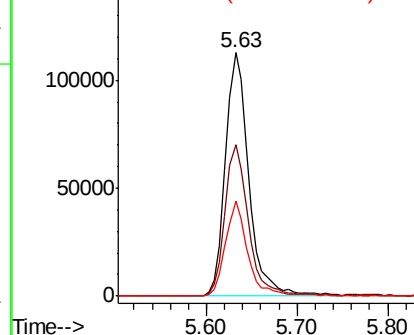


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 85.668 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

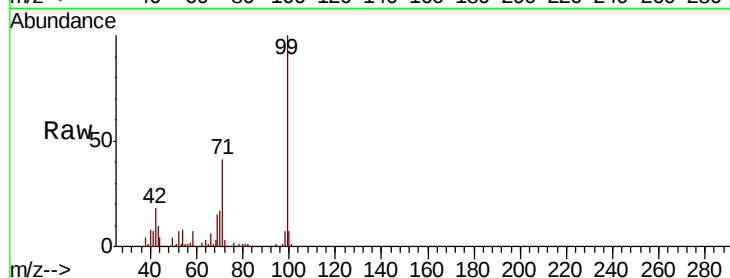
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 368479

Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.2	25.8
71	41.3	33.1	49.7

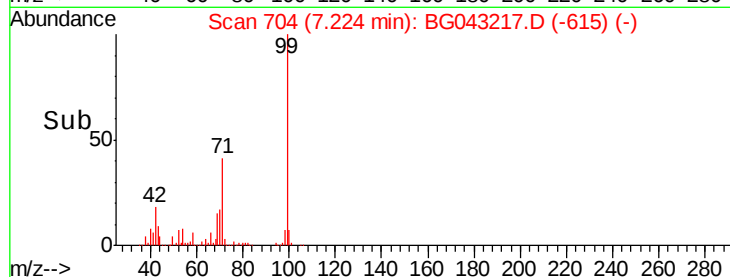


Abundance

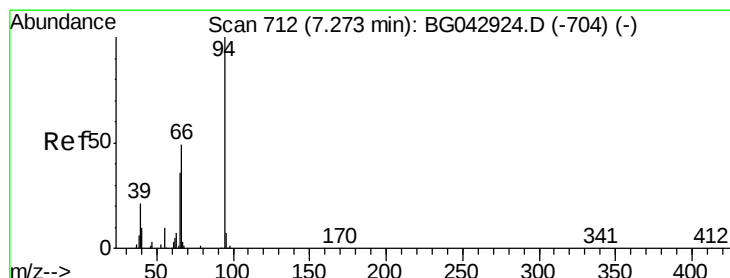
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#10

Phenol

Concen: 9.488 ng

RT: 7.25 min Scan# 708

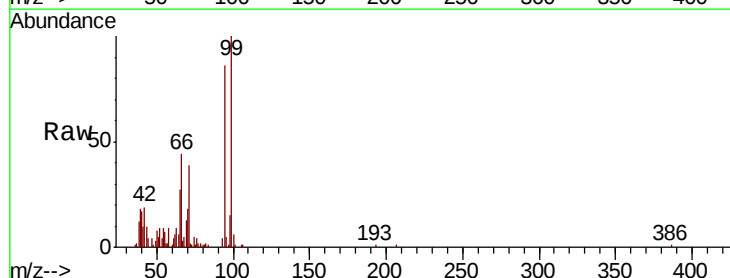
Delta R.T. -0.01 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

Tgt Ion: 94 Resp: 37444

Ion	Ratio	Lower	Upper
94	100		
65	31.3	16.6	56.6
66	51.7	32.4	72.4

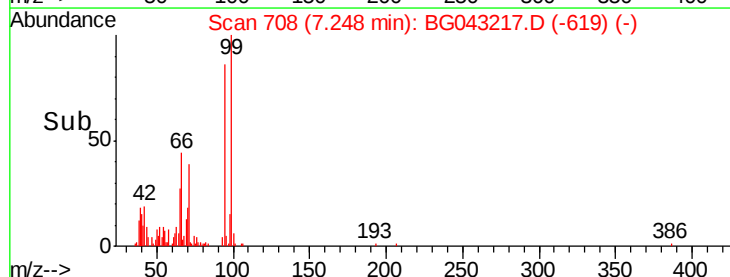


Abundance

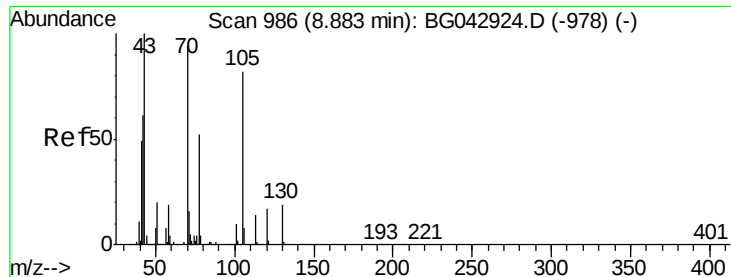
Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



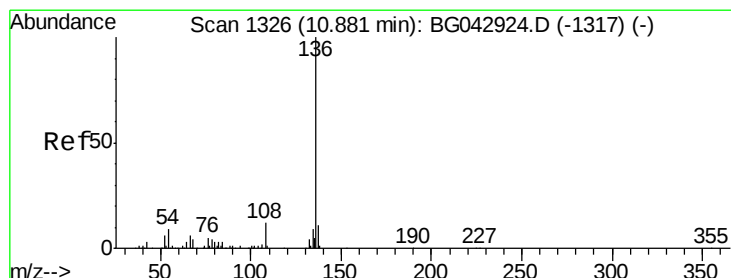
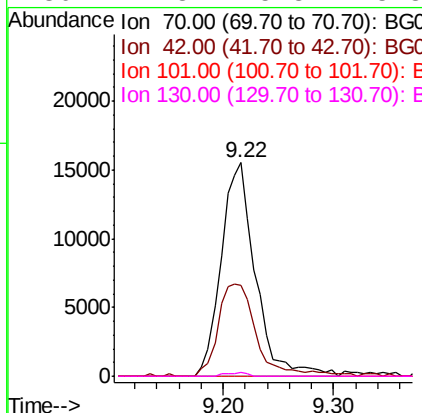
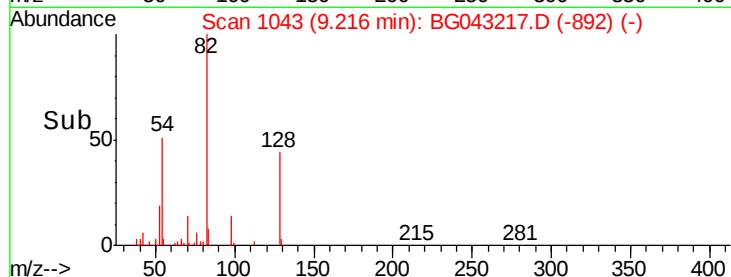
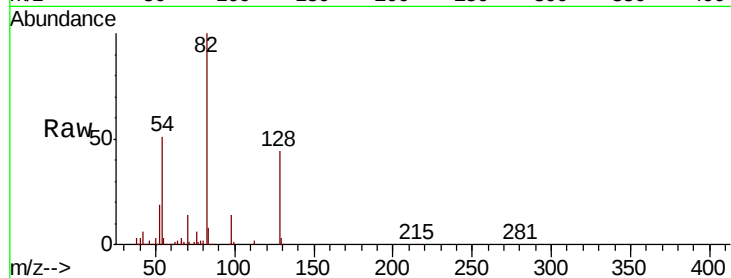
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 11.850 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.36 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

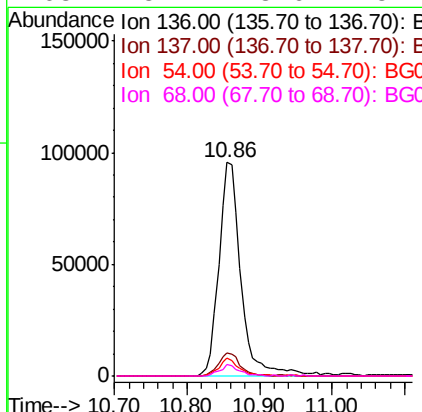
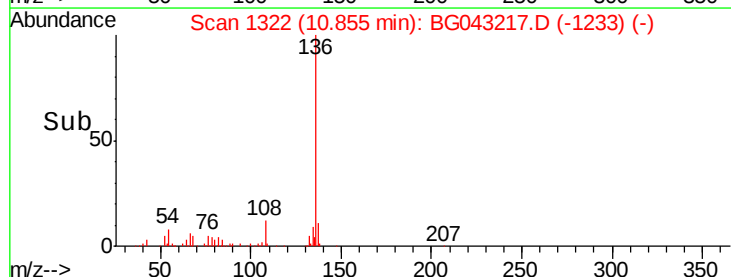
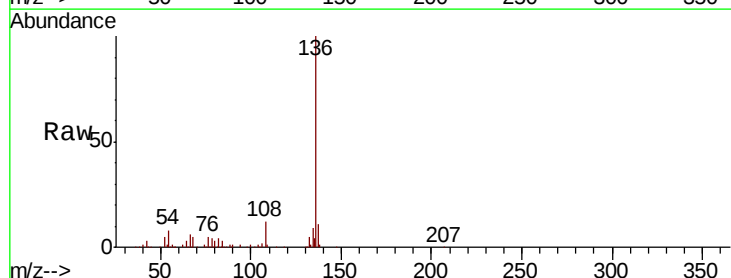
Instrument :
BNA_G
ClientSampleId :

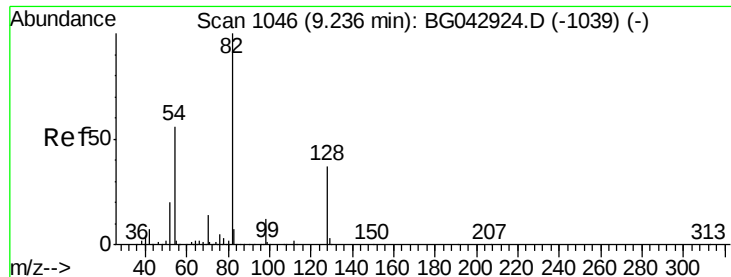
Tot Ion: 70 Resp: 33469
Ion Ratio Lower Upper
70 100
42 42.7 52.6 79.0#
101 0.0 8.7 13.1#
130 1.8 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Tgt Ion: 136 Resp: 203464
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.3 7.4 11.2
68 5.2 3.6 5.4

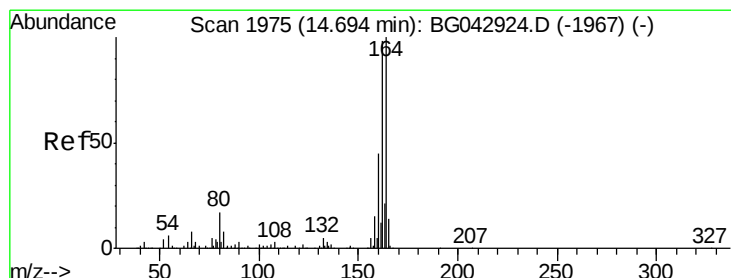
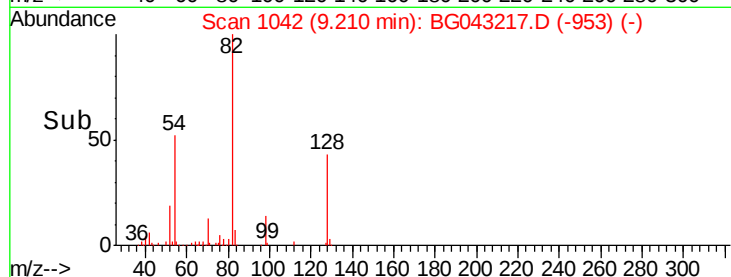
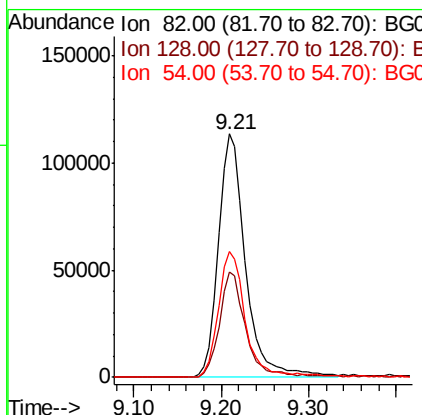
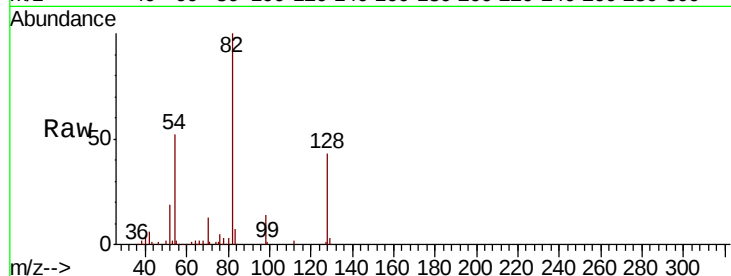




#23
Nitrobenzene-d5
Concen: 58.203 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

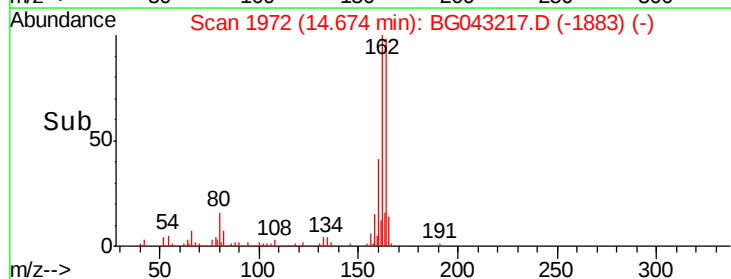
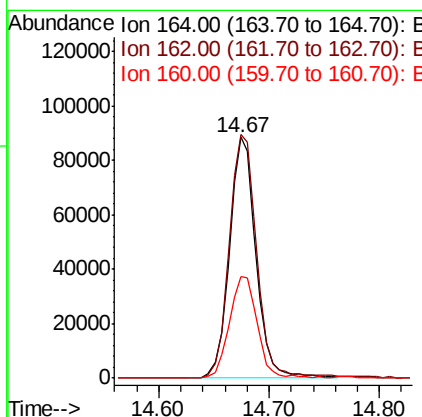
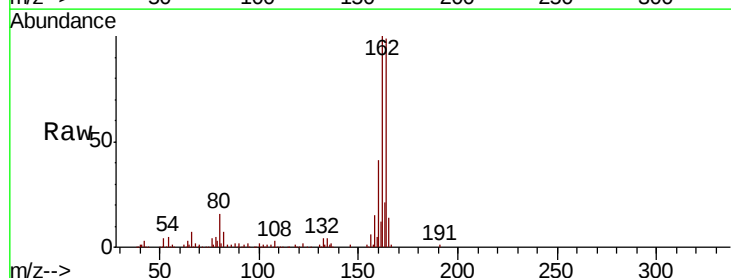
Instrument :
BNA_G
ClientSampled :

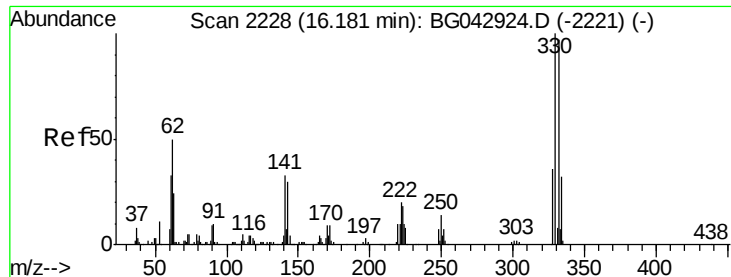
Tot Ion	82	Resp	243643
Ion Ratio	Lower	Upper	
82	100		
128	43.1	29.5	44.3
54	51.8	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Tgt Ion	164	Resp	148888
Ion Ratio	Lower	Upper	
164	100		
162	101.0	78.5	117.7
160	41.9	35.9	53.9

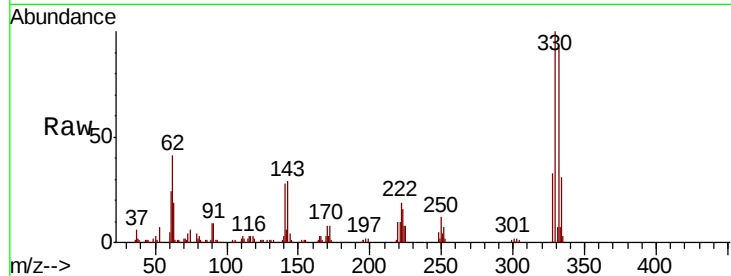




#42
 2,4,6-Tribromophenol
 Concen: 54.256 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG043217.D
 Acq: 15 Oct 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.2	117.2
141	28.2	26.0	39.0

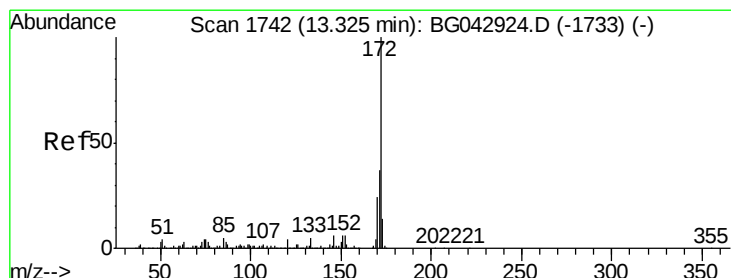
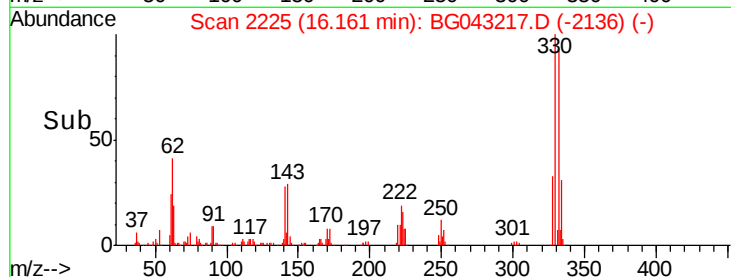
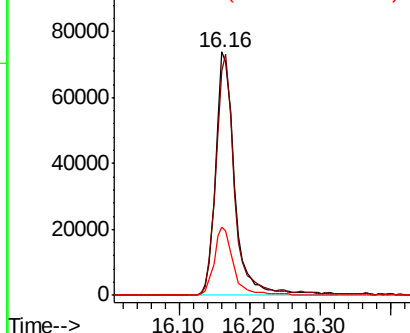


Abundance

Ion 329.80 (329.50 to 330.50): E

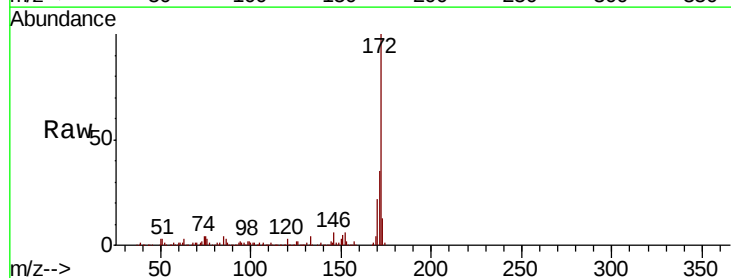
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.497 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG043217.D
 Acq: 15 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	22.0	19.6	29.4

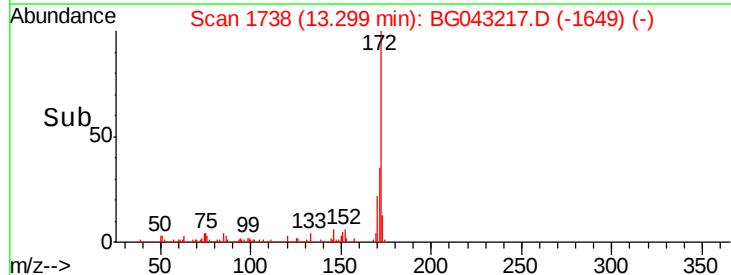
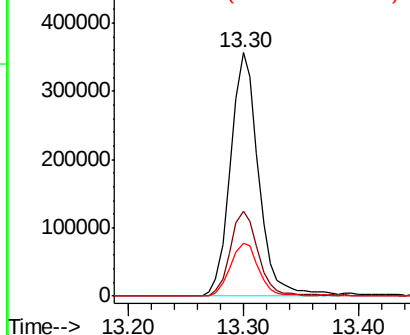


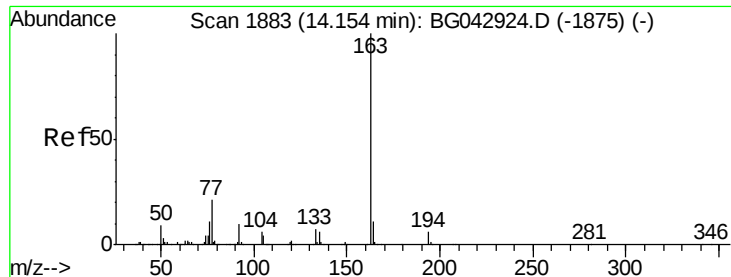
Abundance

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

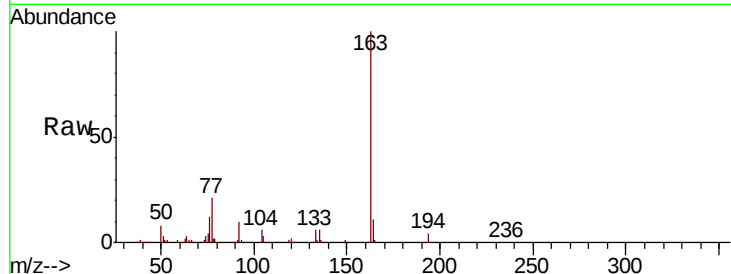




#50
Dimethylphthalate
Concen: 9.710 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.4	6.6#
164	11.2	8.6	12.8

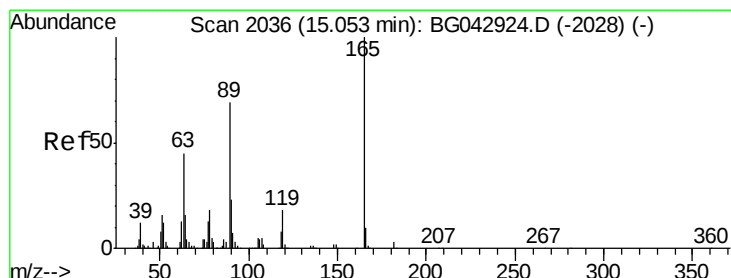
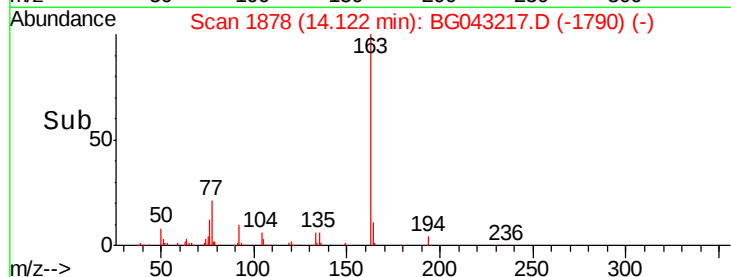
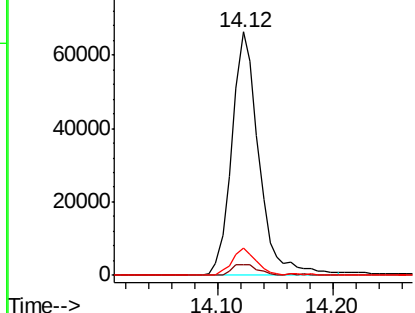


Abundance

Ion 163.00 (162.70 to 163.70): E

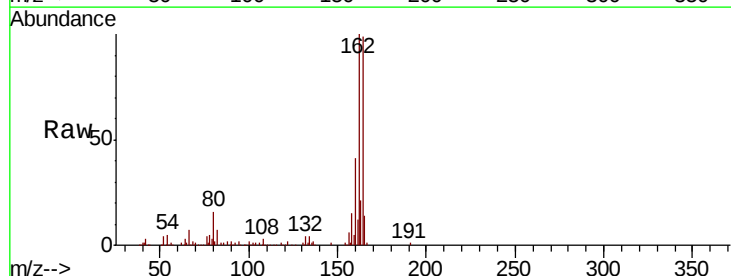
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 5.642 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	36.5	54.7#
89	1.8	55.5	83.3#
182	0.0	2.4	3.6#



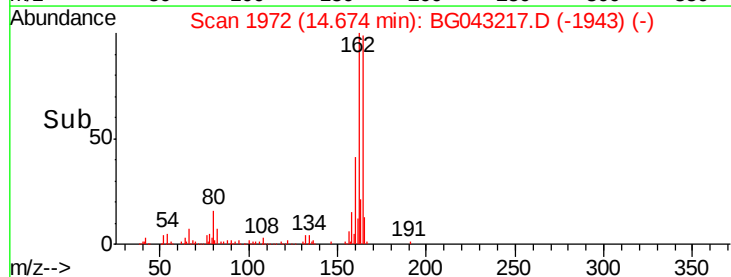
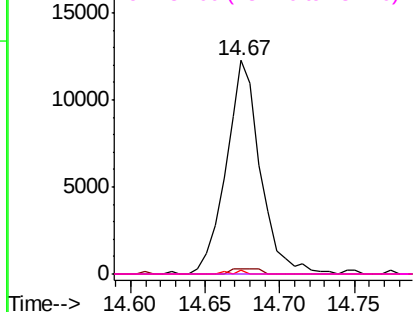
Abundance

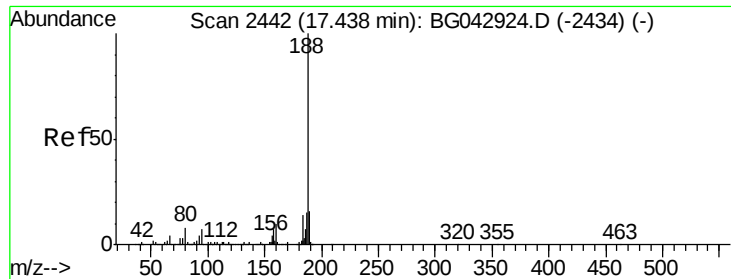
Ion 165.00 (164.70 to 165.70): E

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# 2439

Delta R.T. -0.00 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

Instrument :

BNA_G

ClientSampled :

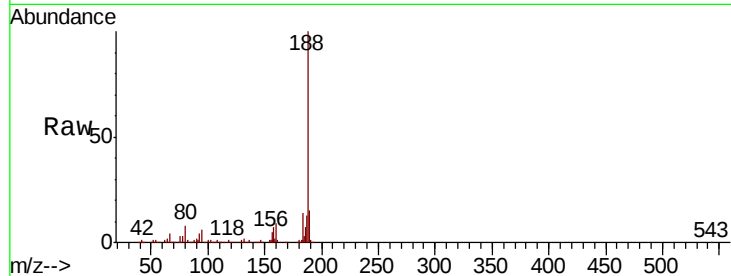
Tot Ion:188 Resp: 345691

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

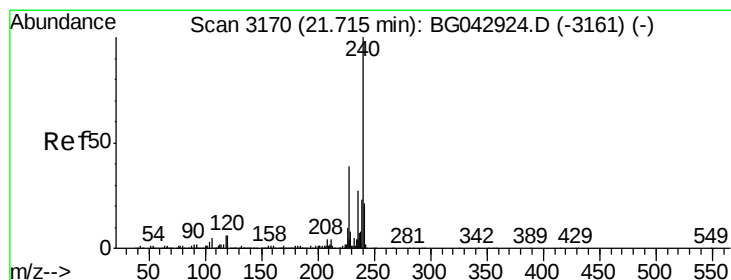
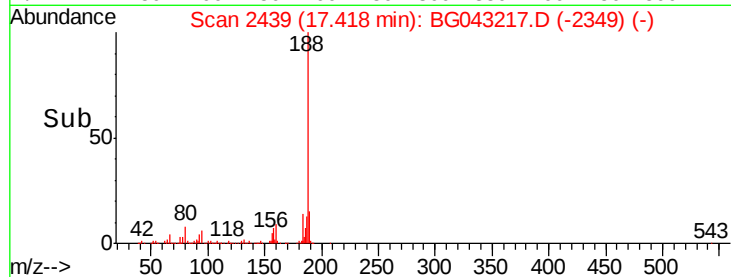
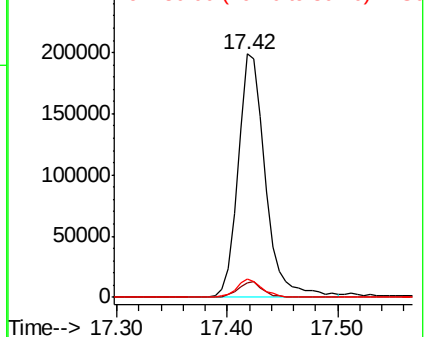
80 7.8 6.5 9.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

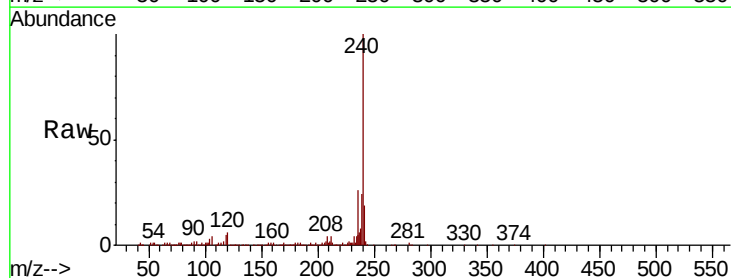
Tgt Ion:240 Resp: 375350

Ion Ratio Lower Upper

240 100

120 5.8 4.8 7.2

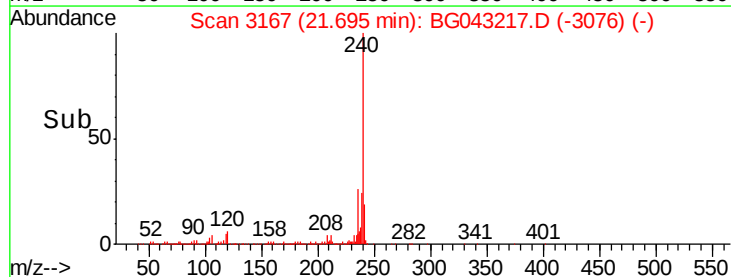
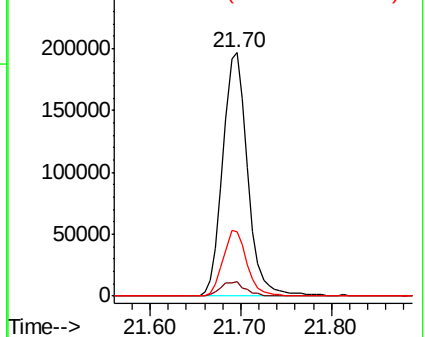
236 26.4 21.4 32.0

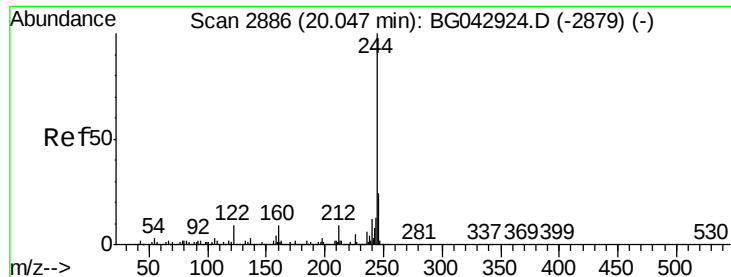


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.749 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

Instrument :

BNA_G

ClientSampleId :

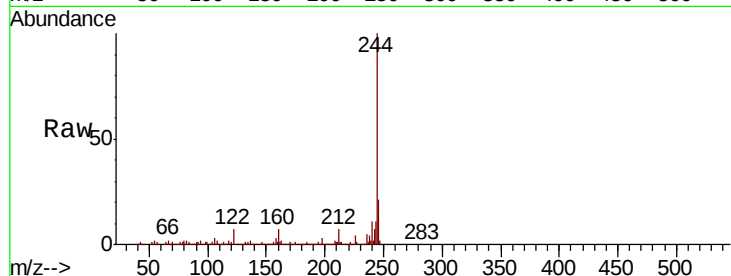
Tot Ion:244 Resp: 1087704

Ion Ratio Lower Upper

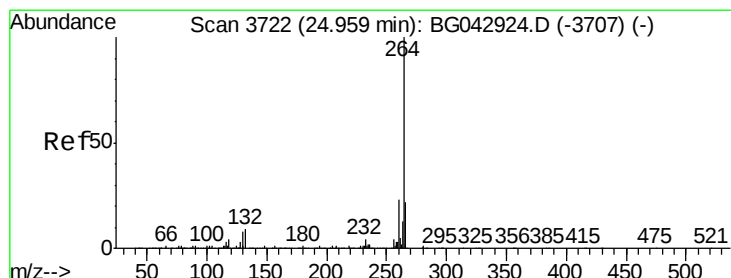
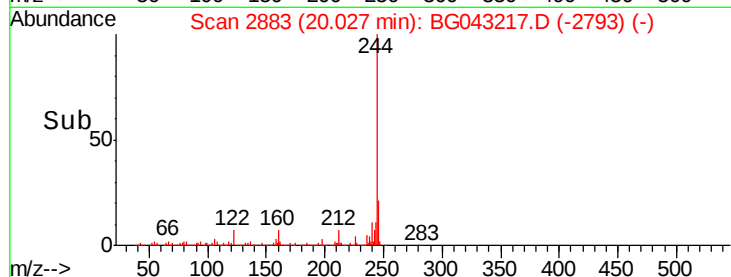
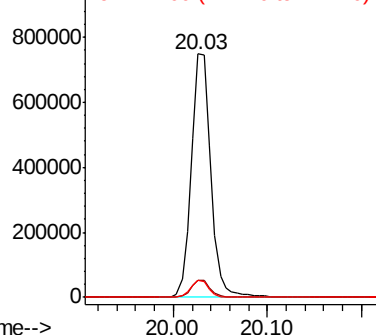
244 100

212 7.0 7.4 11.0#

122 7.1 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: 24.92 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

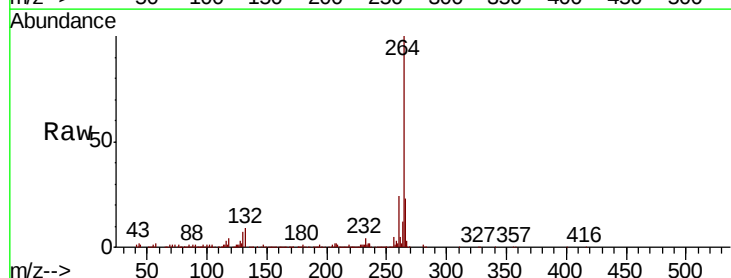
Tgt Ion:264 Resp: 438870

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.5 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

