

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044423.D
 Acq On : 13 Feb 2020 18:40
 Operator : CG/JU
 Sample : L1510-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 02:55:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

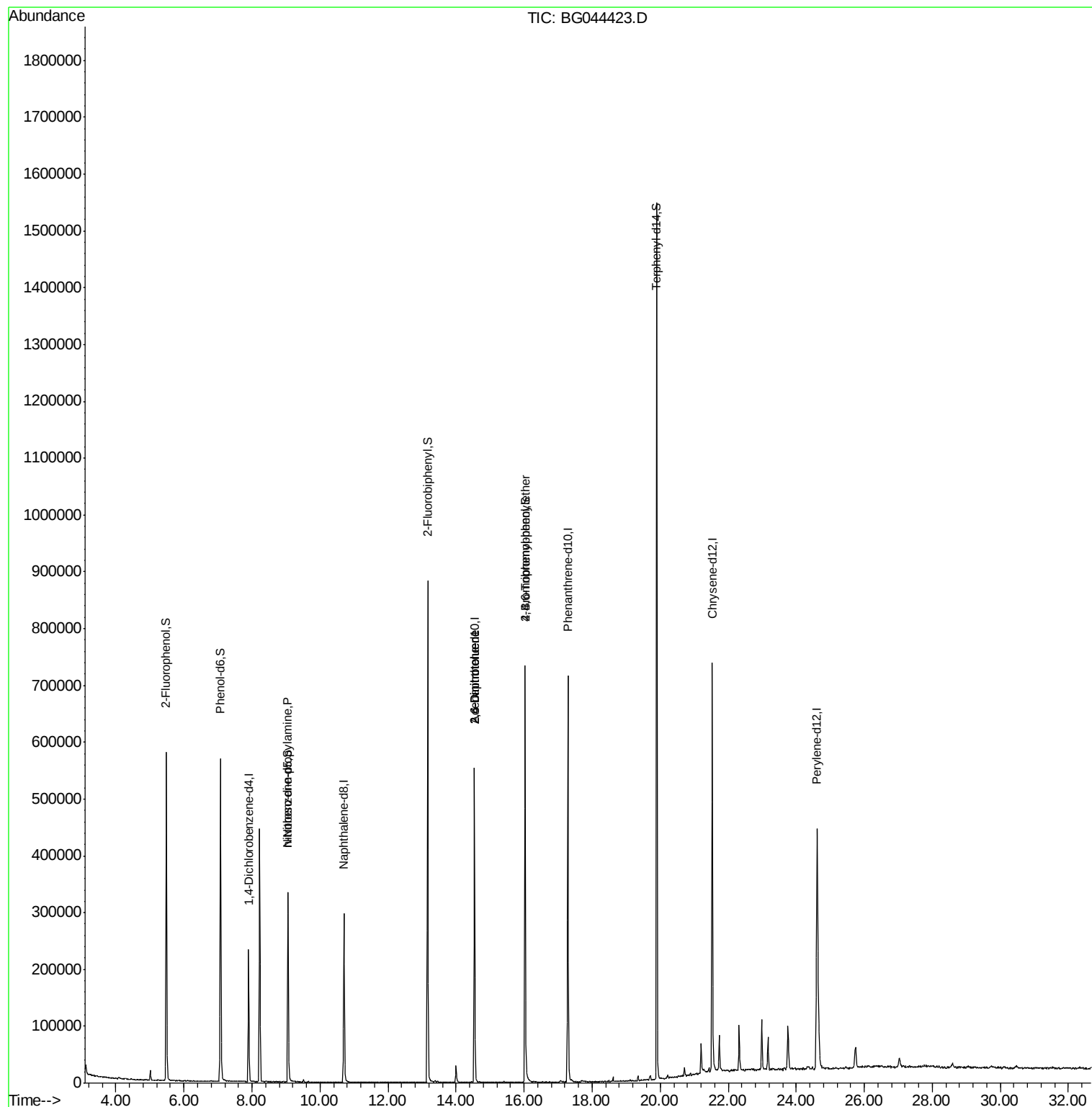
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	69934	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	297192	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	206041	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	465892	20.00	ng	0.00
76) Chrysene-d12	21.53	240	446564	20.00	ng	0.00
87) Perylene-d12	24.62	264	455169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	296284	74.77	ng	0.00
7) Phenol-d6	7.07	99	395525	74.33	ng	0.00
23) Nitrobenzene-d5	9.06	82	231378	43.95	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	154576	63.91	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	500264	40.66	ng	0.00
79) Terphenyl-d14	19.90	244	779561	35.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	29245	8.247	ng	# 76
51) 2,6-Dinitrotoluene	14.54	165	27404	8.298	ng	# 30
57) 2,4-Dinitrotoluene	14.54	165	27404	5.921	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	10482	2.065	ng	# 1

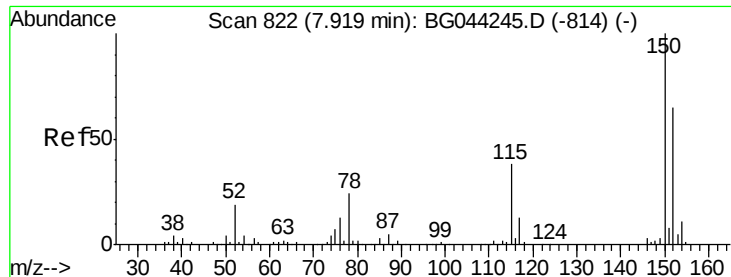
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044423.D
Acq On : 13 Feb 2020 18:40
Operator : CG/JU
Sample : L1510-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 14 02:55:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



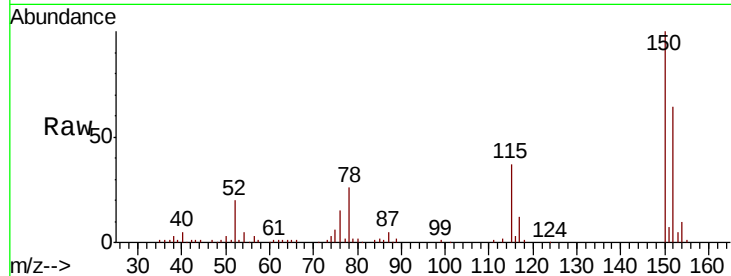


#1

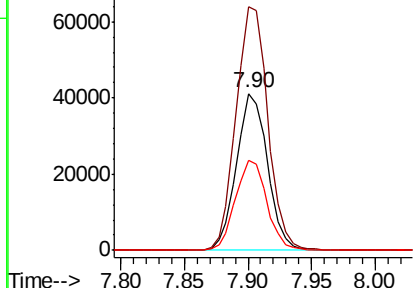
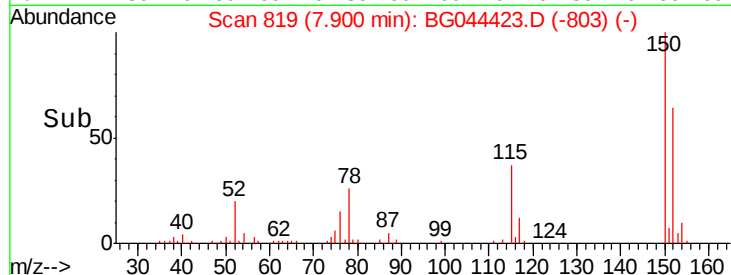
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 69934
 Ion Ratio Lower Upper
 152 100
 150 155.4 122.6 183.8
 115 57.7 46.0 69.0



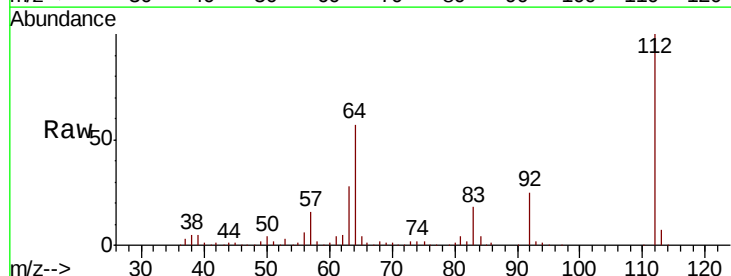
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



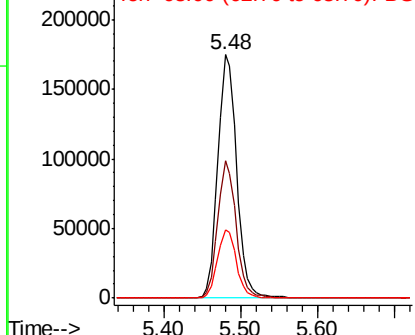
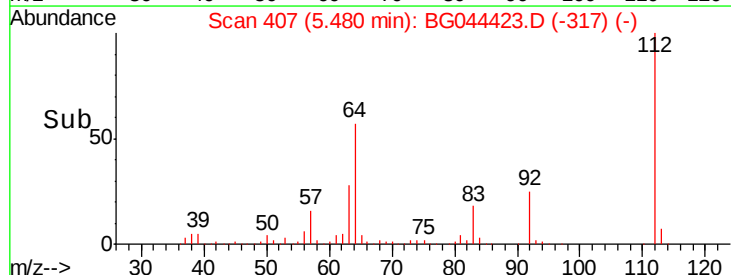
#5

2-Fluorophenol
 Concen: 74.770 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

Tgt Ion:112 Resp: 296284
 Ion Ratio Lower Upper
 112 100
 64 56.6 45.4 68.2
 63 28.1 22.9 34.3



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: 74.330 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

Instrument :

BNA_G

ClientSampled :

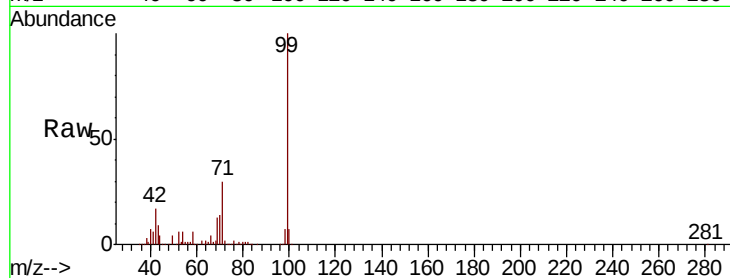
Tot Ion: 99 Resp: 395525

Ion Ratio Lower Upper

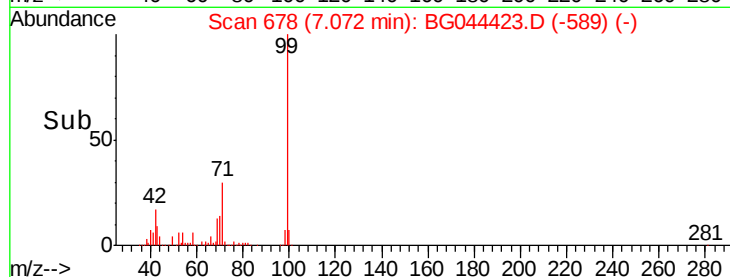
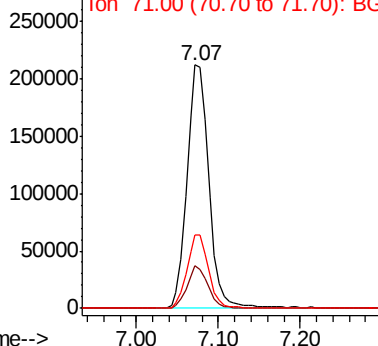
99 100

42 17.4 13.8 20.6

71 30.2 25.5 38.3



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: 8.247 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

Tgt Ion: 70 Resp: 29245

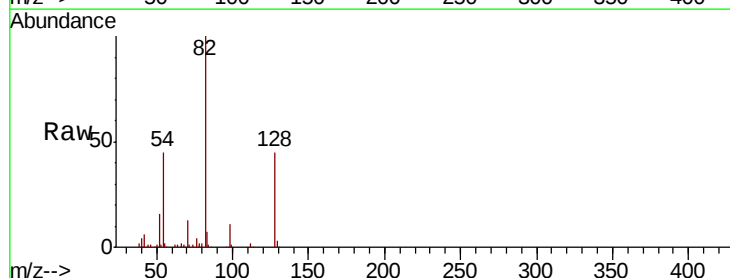
Ion Ratio Lower Upper

70 100

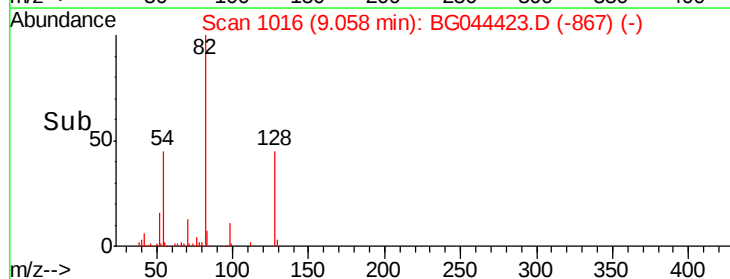
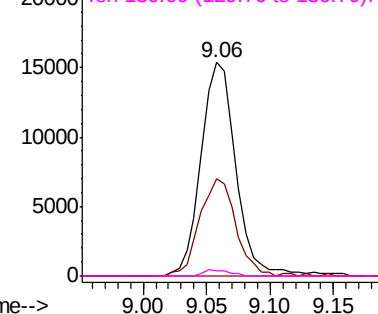
42 45.7 46.2 69.2#

101 0.0 8.4 12.6#

130 2.2 17.8 26.8#



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

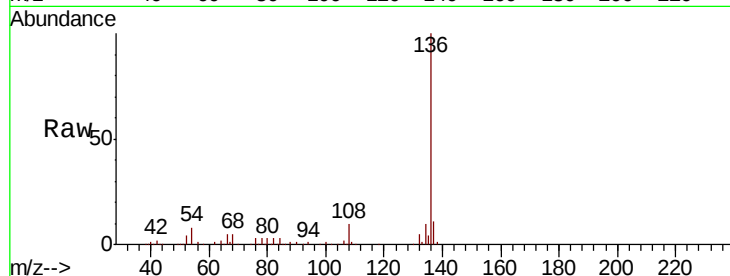




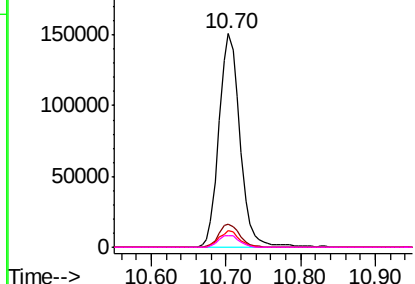
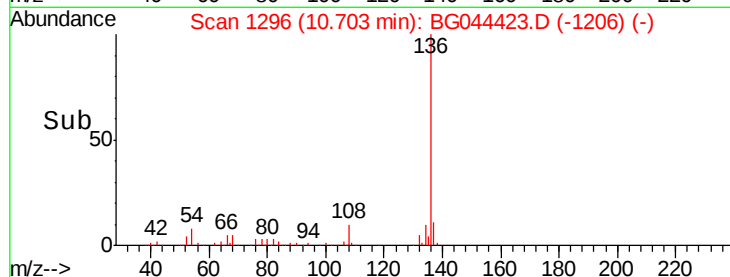
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044423.D
Acq: 13 Feb 2020 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	297192
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.8	5.8 8.8
68	5.4	4.6 6.8

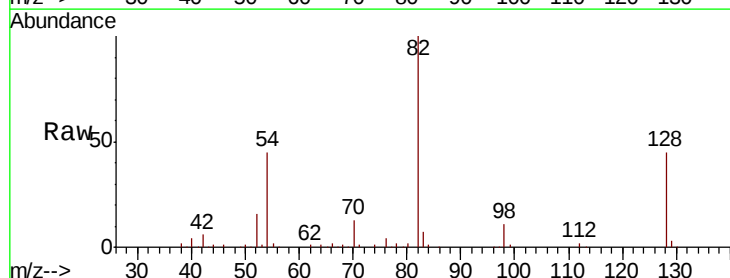


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

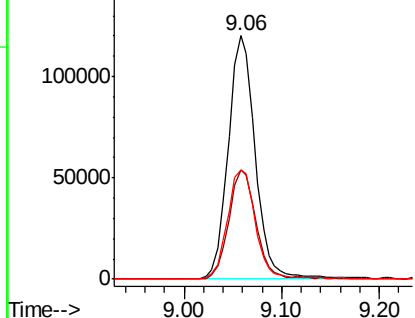
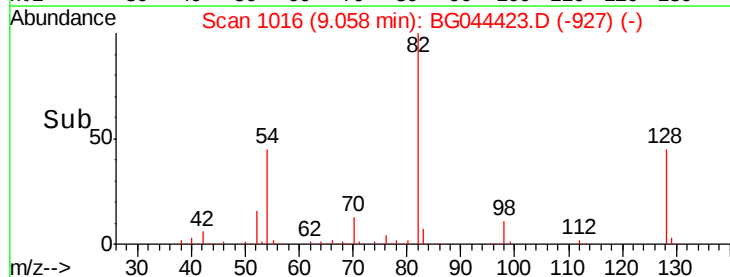


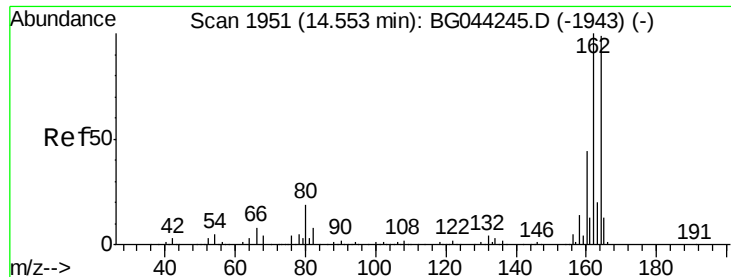
#23
Nitrobenzene-d5
Concen: 43.954 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044423.D
Acq: 13 Feb 2020 18:40

Tgt Ion: 82	Resp:	231378
Ion Ratio	Lower	Upper
82	100	
128	44.9	36.5 54.7
54	44.8	38.6 58.0



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: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

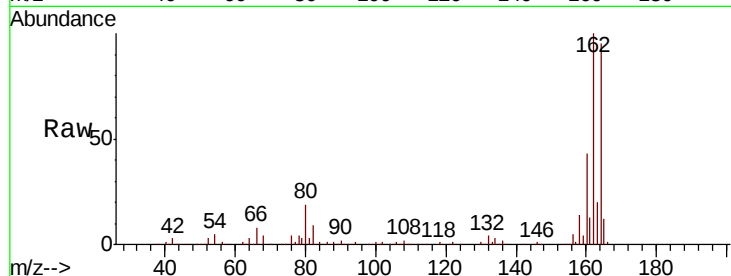
Tot Ion:164 Resp: 206041

Ion Ratio Lower Upper

164 100

162 105.3 80.7 121.1

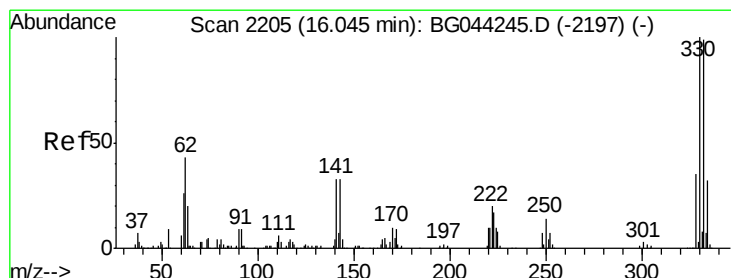
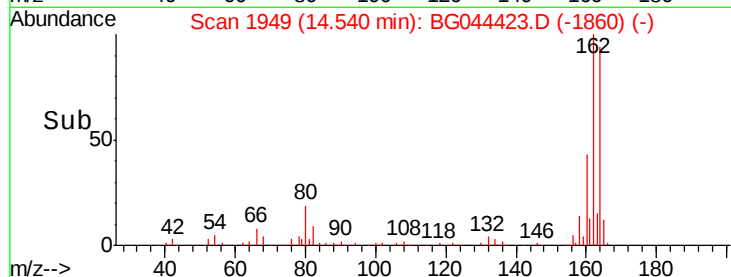
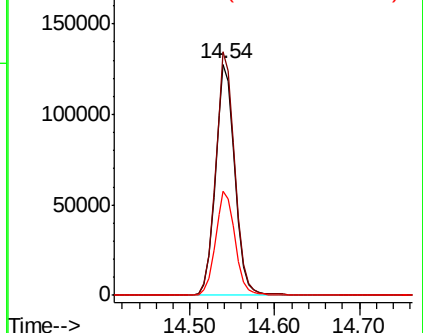
160 45.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 63.906 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

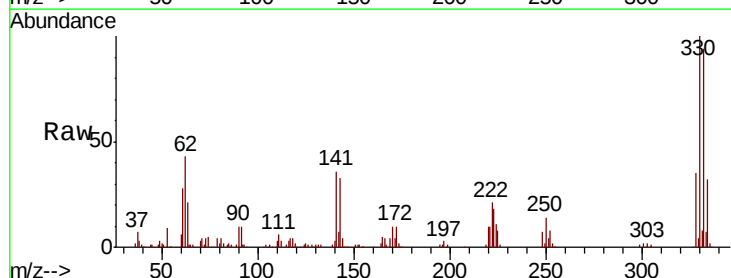
Tgt Ion:330 Resp: 154576

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

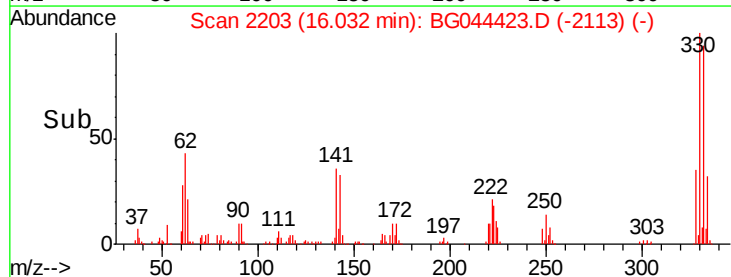
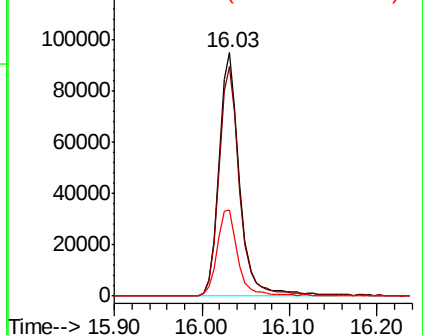
141 36.0 28.3 42.5



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

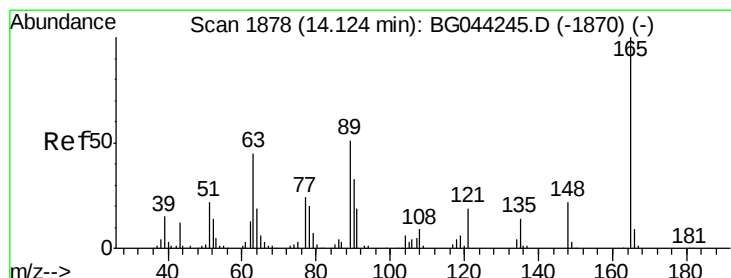
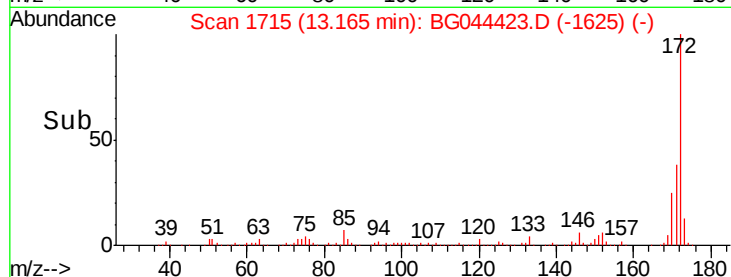
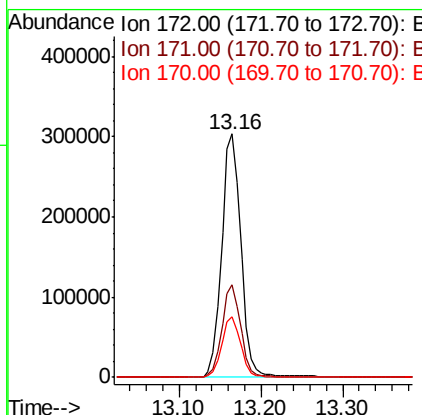
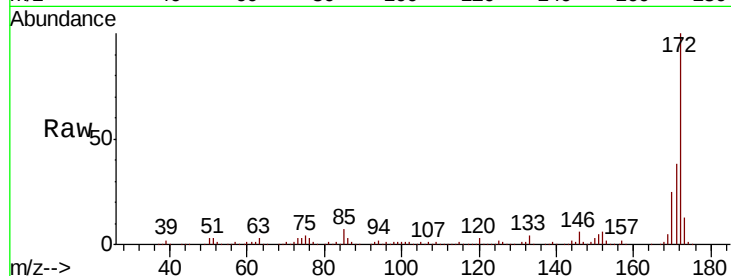




#45
 2-Fluorobiphenyl
 Concen: 40.658 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

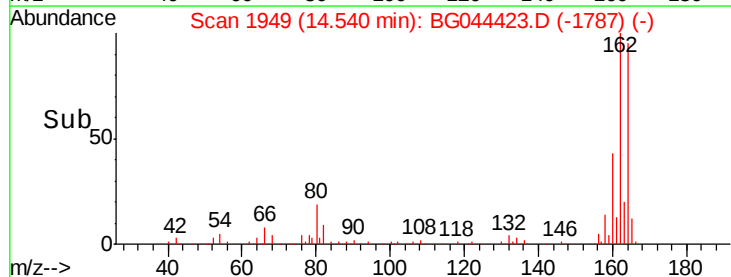
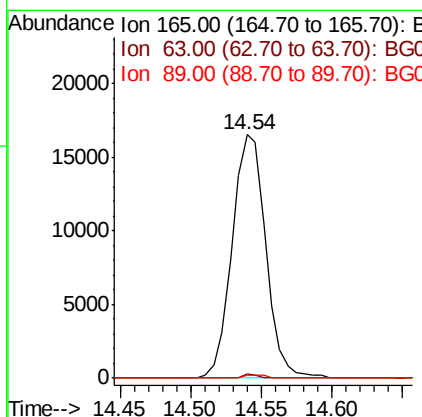
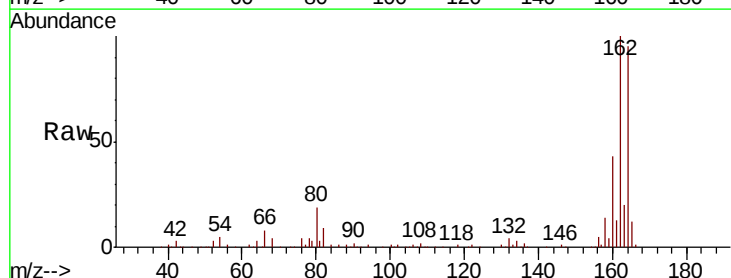
Instrument :
 BNA_G
 ClientSampleId :

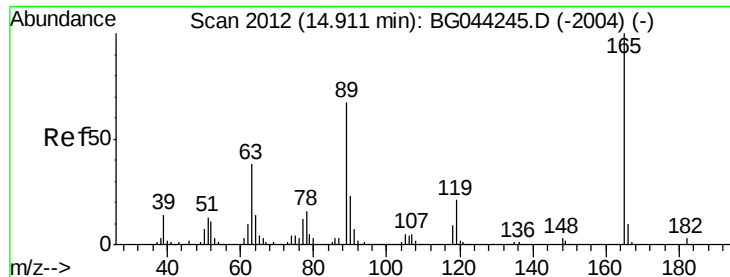
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.9	49.3
170	24.8	22.0	33.0



#51
 2,6-Dinitrotoluene
 Concen: 8.298 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.7	58.1#
89	1.0	40.4	60.6#

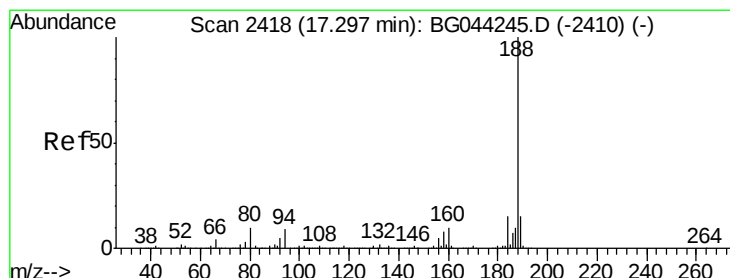
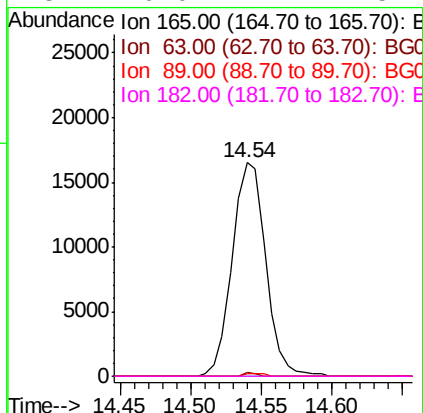
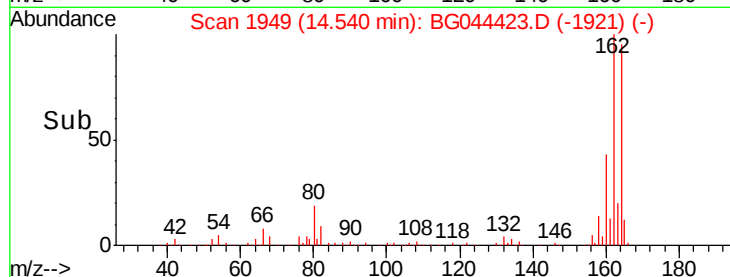
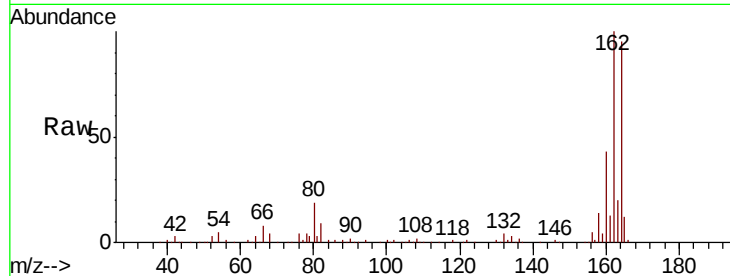




#57
 2,4-Dinitrotoluene
 Concen: 5.921 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

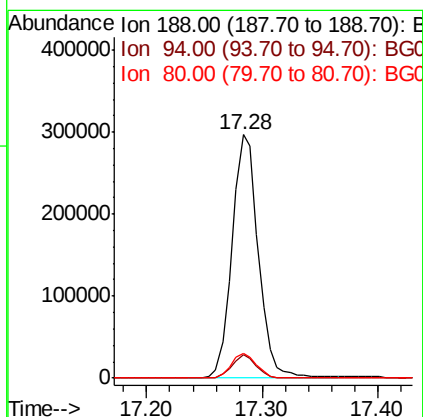
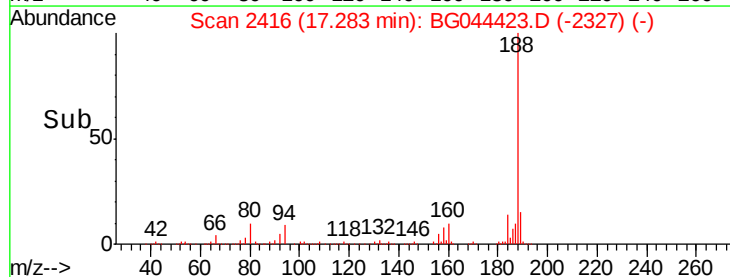
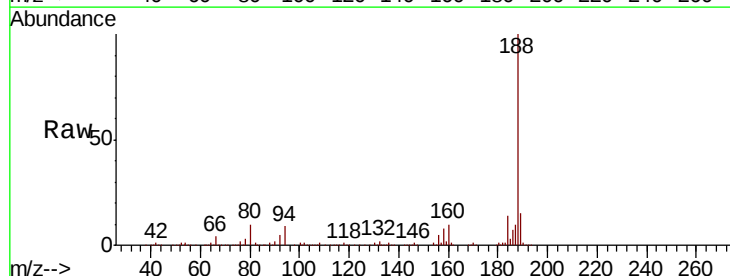
Instrument :
 BNA_G
 ClientSampleId :

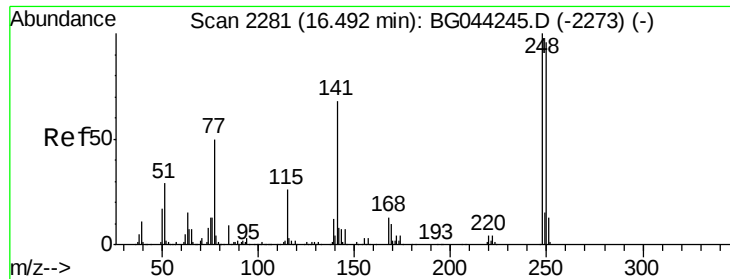
Tot Ion:165	Resp: 27404
Ion Ratio	Lower Upper
165 100	
63 1.6	30.3 45.5#
89 1.0	53.4 80.2#
182 0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.28 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

Tgt	Ion:188	Resp:	465892
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.1	7.7	11.5

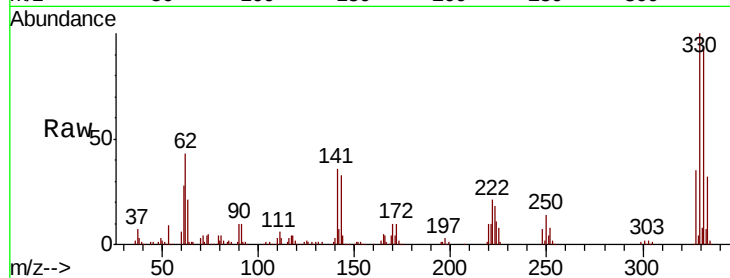




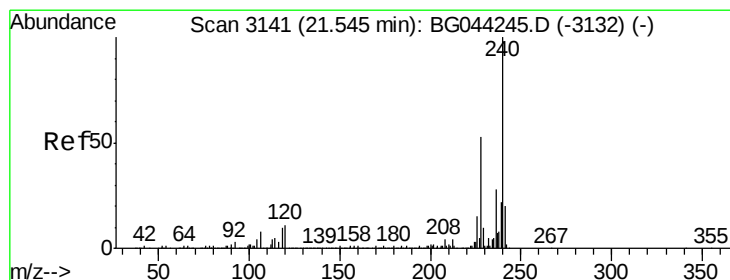
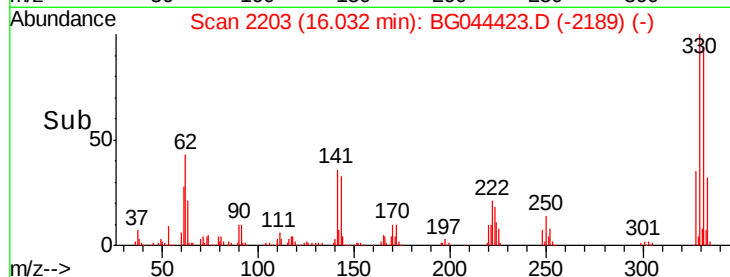
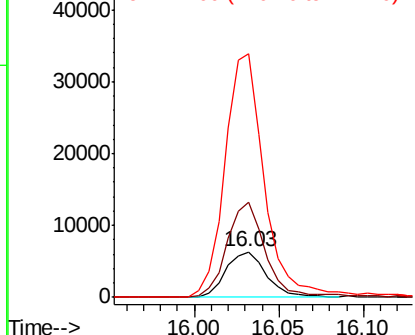
#67
4-Bromophenyl-phenylether
Concen: 2.065 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.45 min
Lab File: BG044423.D
Acq: 13 Feb 2020 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 10482
Ion Ratio Lower Upper
248 100
250 209.6 76.6 114.8#
141 532.9 54.7 82.1#

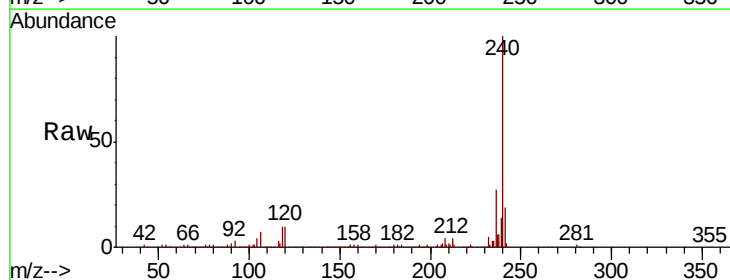


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

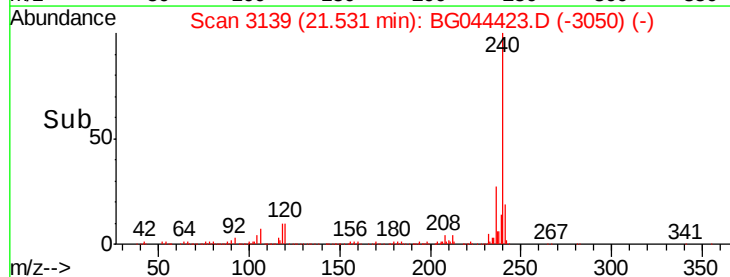
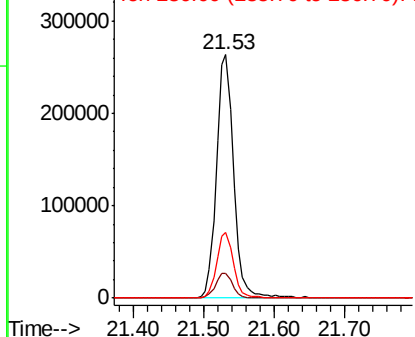


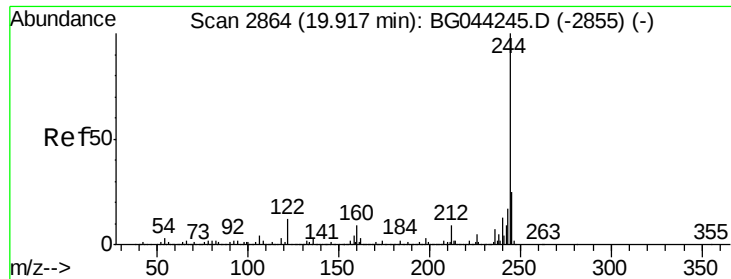
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG044423.D
Acq: 13 Feb 2020 18:40

Tgt Ion:240 Resp: 446564
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.8 22.1 33.1



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: 35.907 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

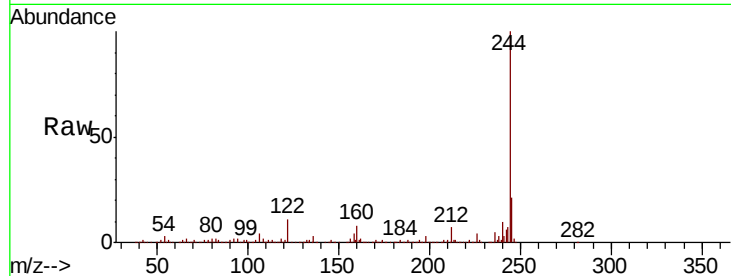
Tot Ion:244 Resp: 779561

Ion Ratio Lower Upper

244 100

212 7.3 7.4 11.2#

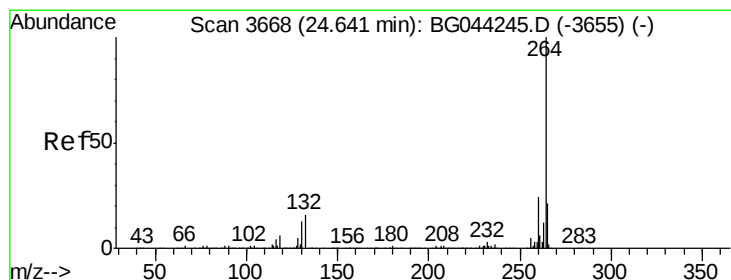
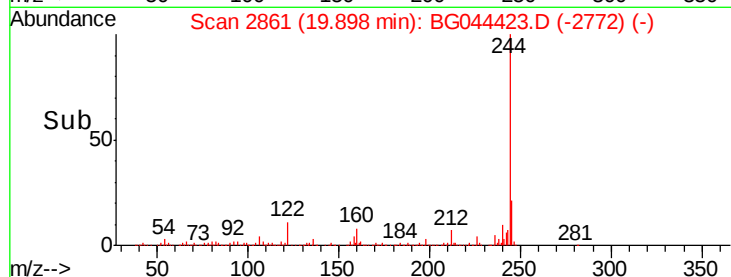
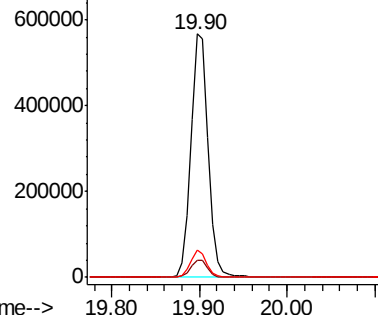
122 11.3 9.8 14.6



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: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

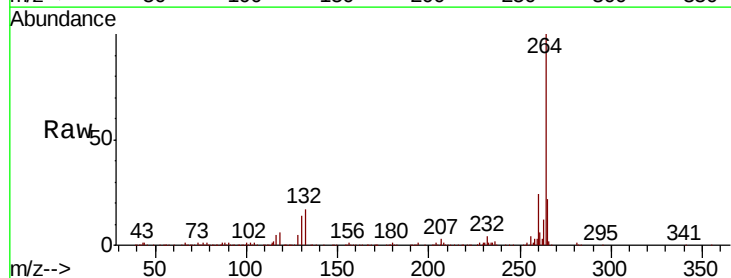
Tgt Ion:264 Resp: 455169

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.8 16.7 25.1



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

