

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043570.D
 Acq On : 8 Nov 2019 15:28
 Operator : JU
 Sample : PB124597BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BL

Quant Time: Nov 11 00:32:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

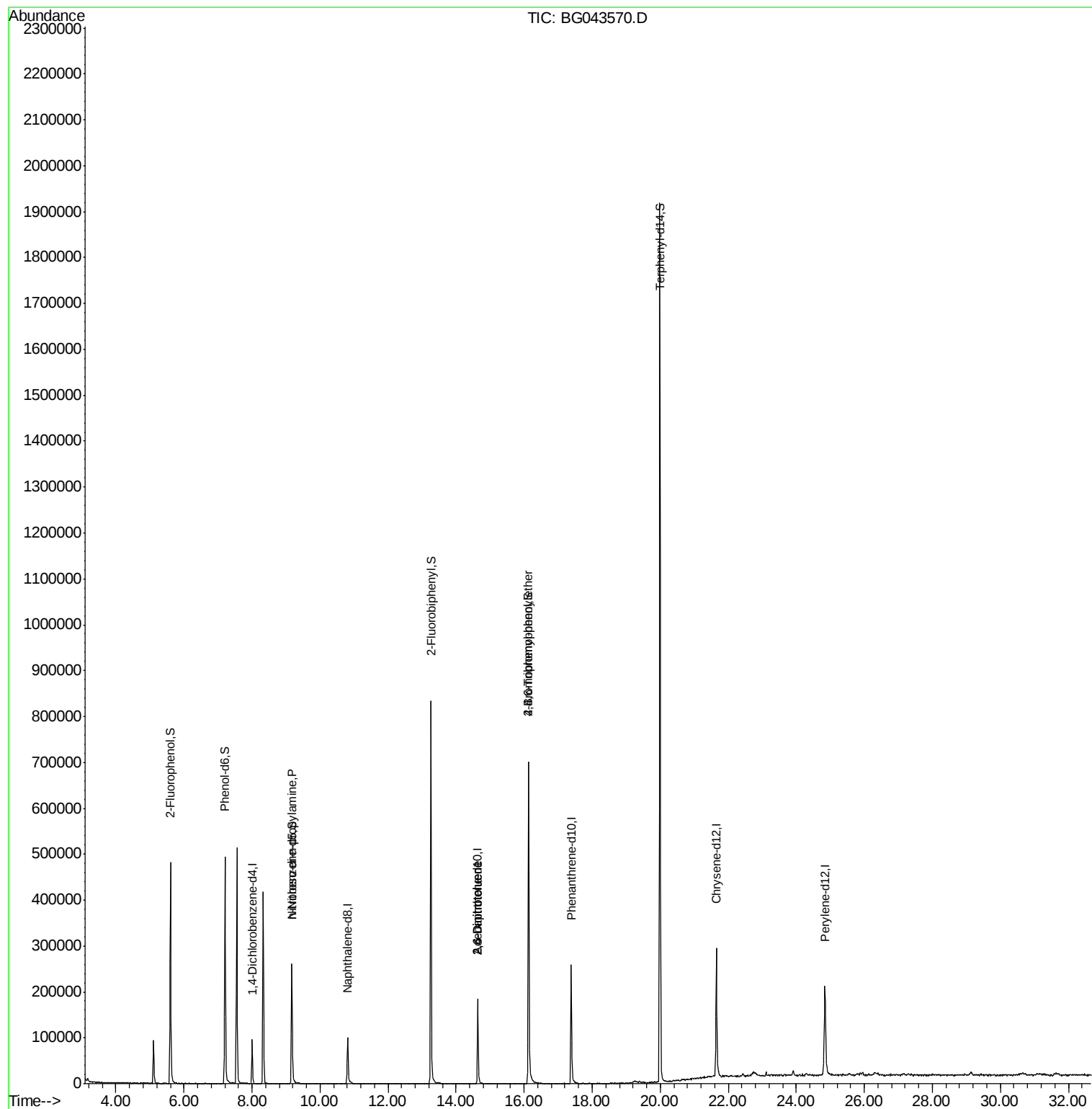
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29664	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	101675	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	79561	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	204343	20.00	ng	0.00
76) Chrysene-d12	21.65	240	212538	20.00	ng	0.00
87) Perylene-d12	24.84	264	244182	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	224654	138.78	ng	0.00
7) Phenol-d6	7.21	99	310030	133.11	ng	0.00
23) Nitrobenzene-d5	9.17	82	178736	90.63	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	194150	128.23	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	505238	87.75	ng	0.00
79) Terphenyl-d14	19.99	244	1090666	96.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	25596	17.007	ng	# 75
51) 2,6-Dinitrotoluene	14.63	165	10947	8.177	ng	# 25
57) 2,4-Dinitrotoluene	14.63	165	10947	5.722	ng	# 28
67) 4-Bromophenyl-phenylether	16.12	248	12009	4.367	ng	# 1

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

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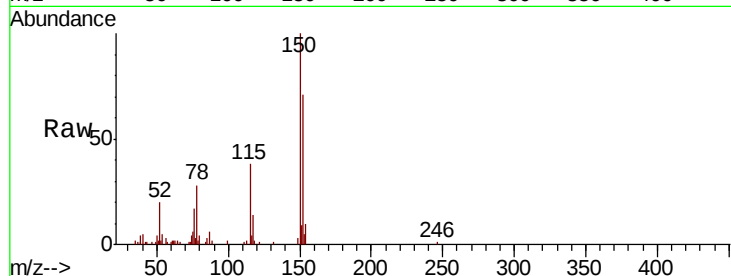


#1

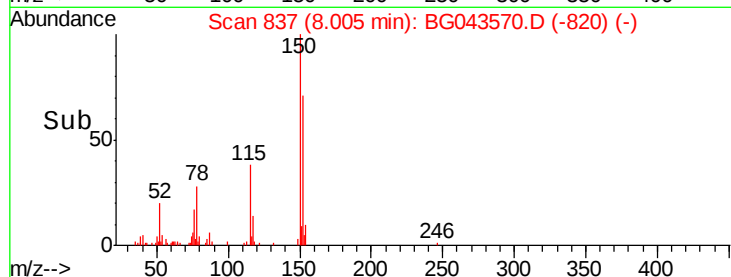
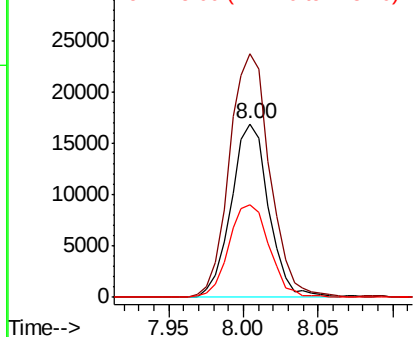
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124597BL

Tot Ion:152 Resp: 29664
Ion Ratio Lower Upper
152 100
150 140.4 129.4 194.0
115 53.8 48.8 73.2



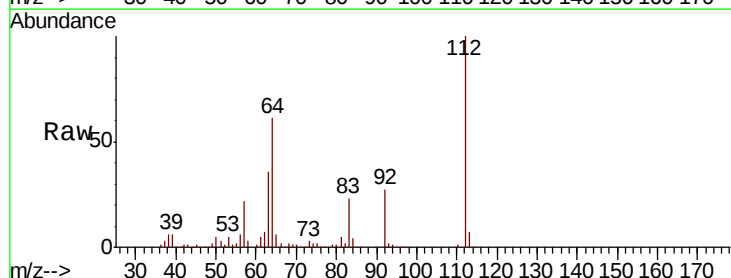
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



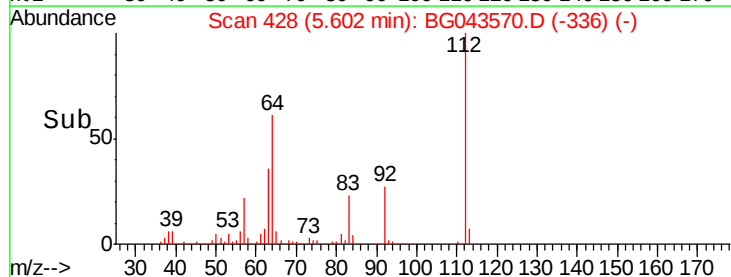
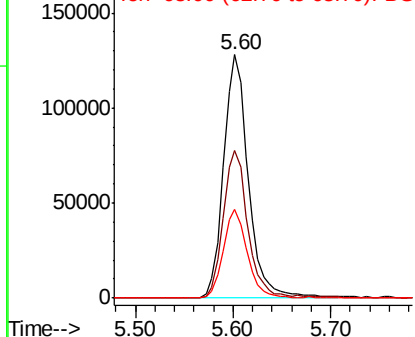
#5

2-Fluorophenol
Concen: 138.776 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Tgt Ion:112 Resp: 224654
Ion Ratio Lower Upper
112 100
64 60.8 50.0 75.0
63 36.2 26.6 40.0



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: 133.112 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124597BL

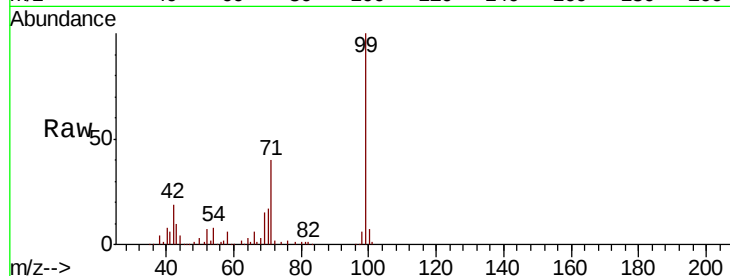
Tot Ion: 99 Resp: 310030

Ion Ratio Lower Upper

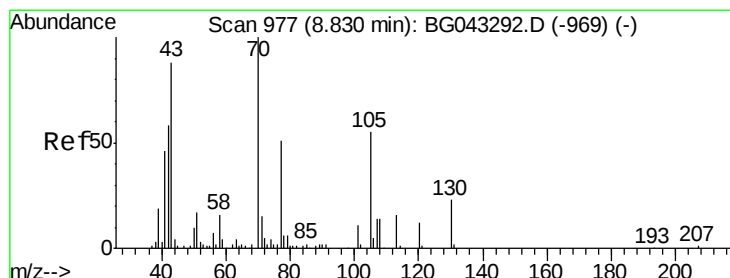
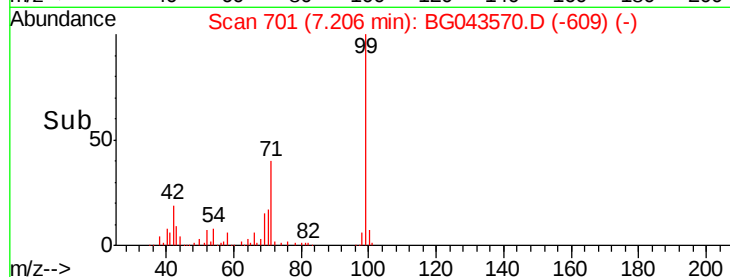
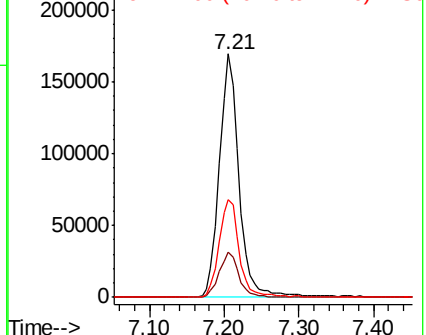
99 100

42 18.5 14.6 21.8

71 40.0 32.5 48.7



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: 17.007 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

Tgt Ion: 70 Resp: 25596

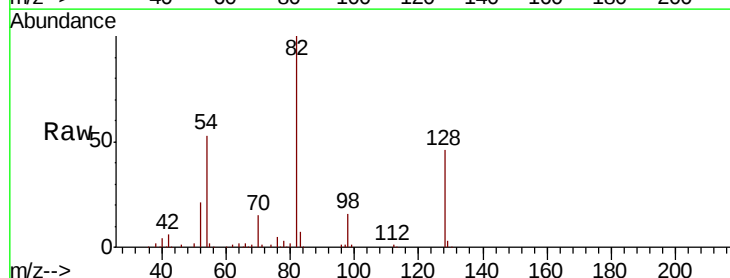
Ion Ratio Lower Upper

70 100

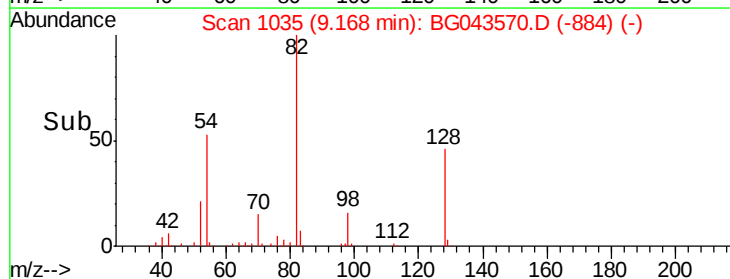
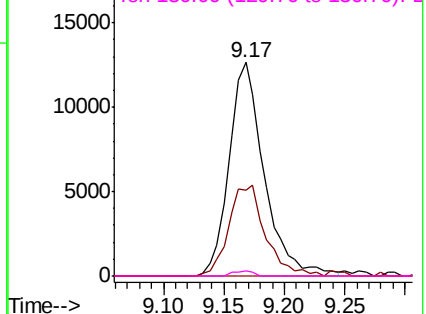
42 40.2 41.4 62.2#

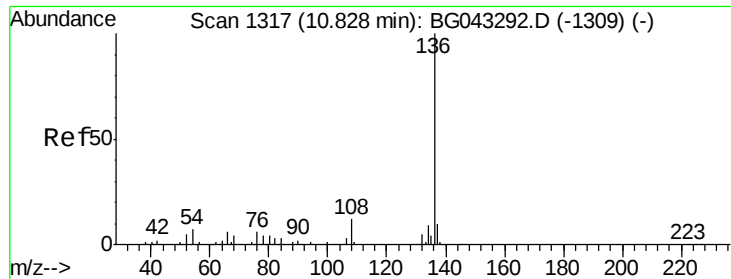
101 0.0 7.9 11.9#

130 2.6 19.0 28.4#



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

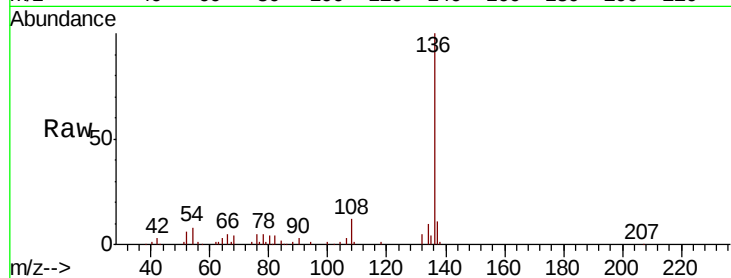




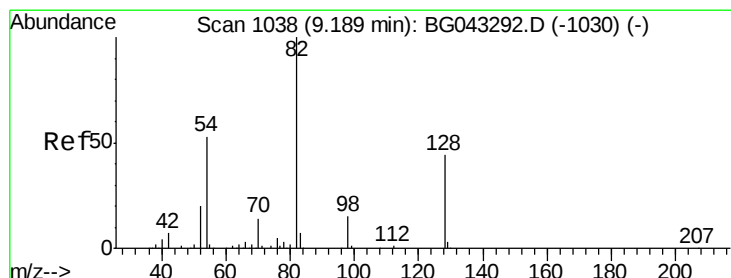
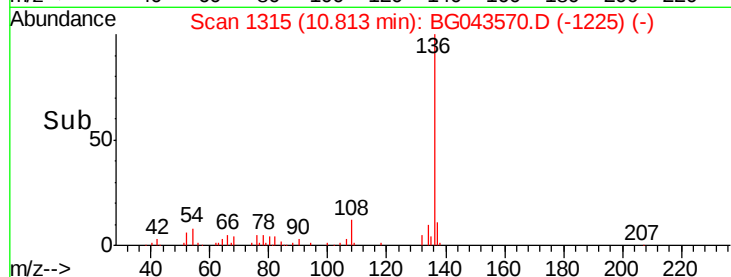
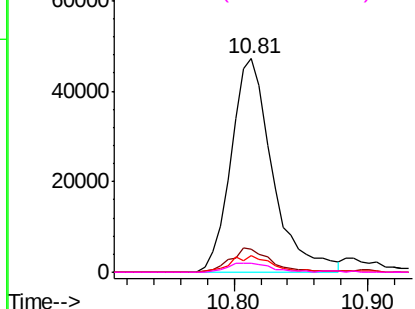
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124597BL

Tot Ion:136	Resp:	101675
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	8.0	5.4 8.2
68	4.1	3.0 4.4

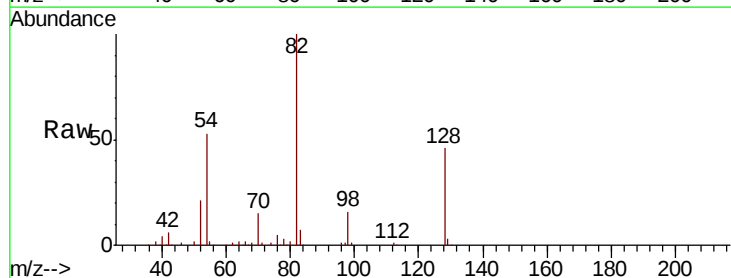


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

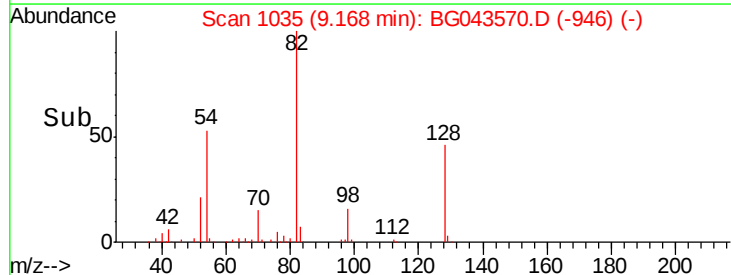
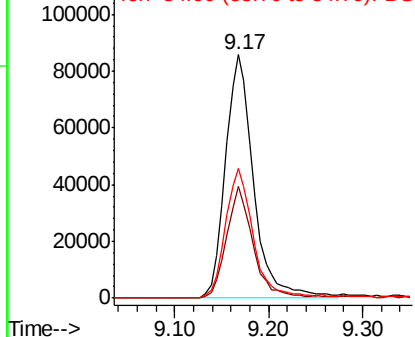


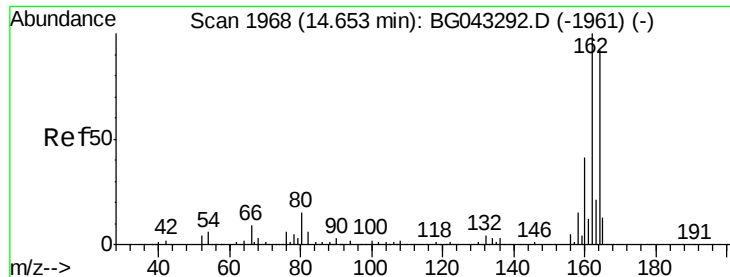
#23
Nitrobenzene-d5
Concen: 90.628 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Tgt Ion: 82	Resp:	178736
Ion	Ratio	Lower Upper
82	100	
128	46.0	35.0 52.6
54	53.1	40.2 60.2



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: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124597BL

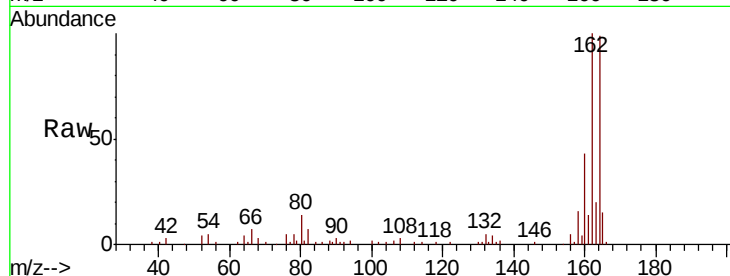
Tot Ion:164 Resp: 79561

Ion Ratio Lower Upper

164 100

162 100.7 83.5 125.3

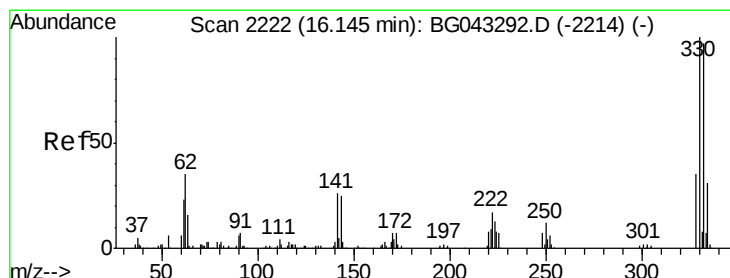
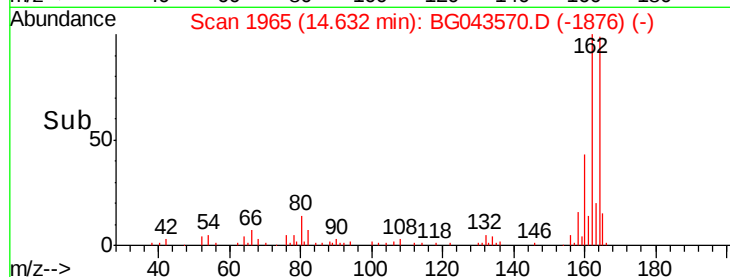
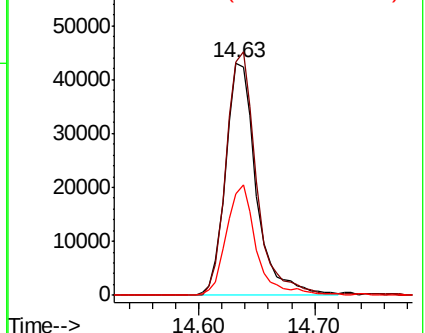
160 43.8 36.5 54.7



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: 128.232 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

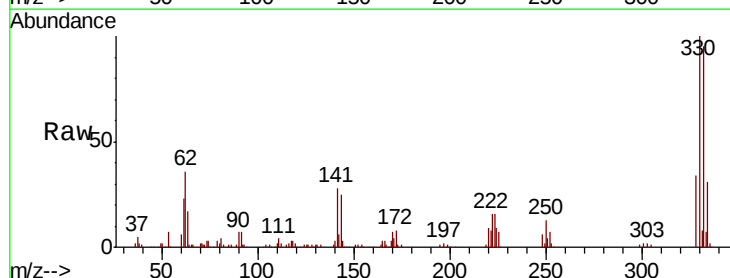
Tgt Ion:330 Resp: 194150

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

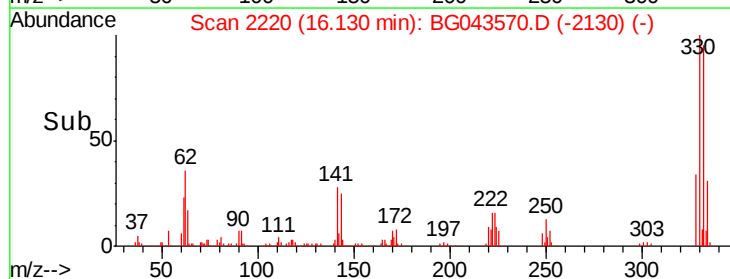
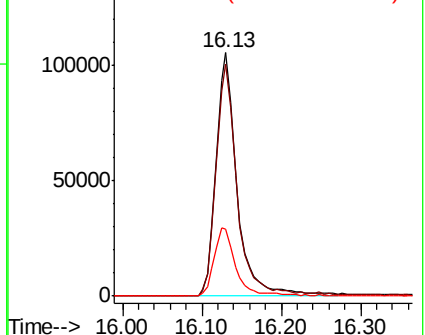
141 29.4 22.8 34.2



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

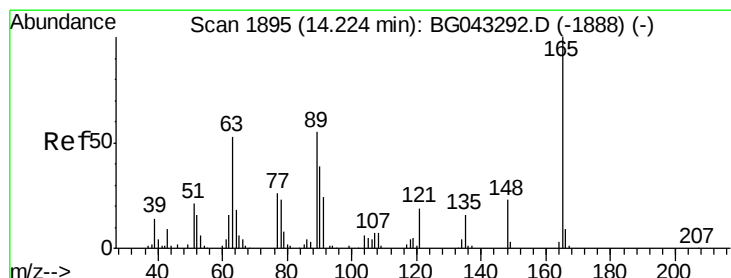
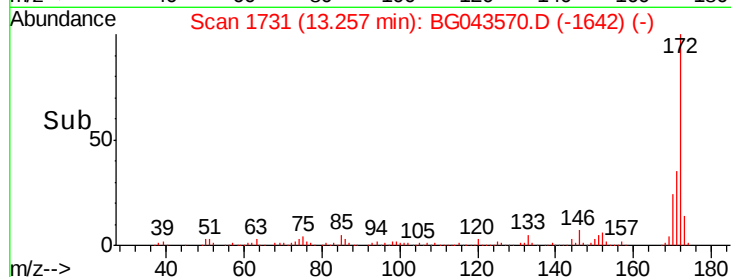
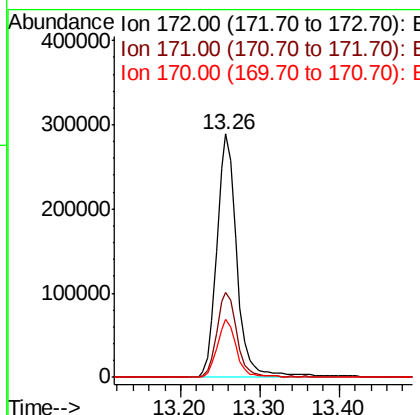
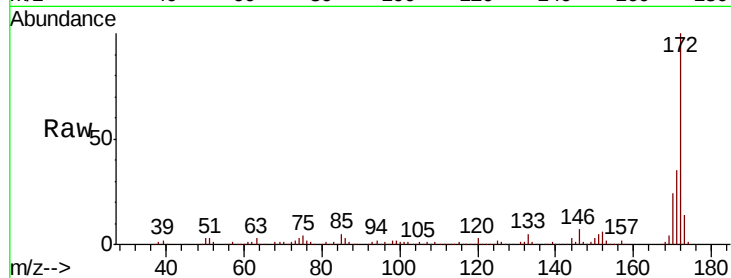




#45
 2-Fluorobiphenyl
 Concen: 87.749 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043570.D
 Acq: 8 Nov 2019 15:28

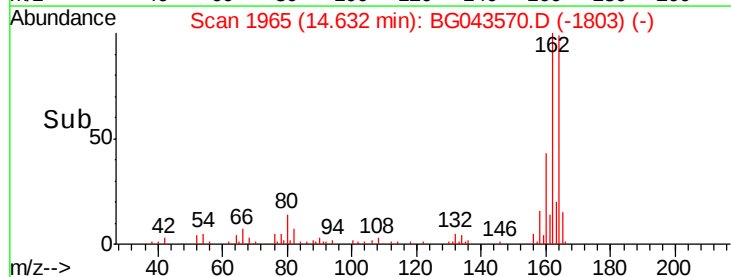
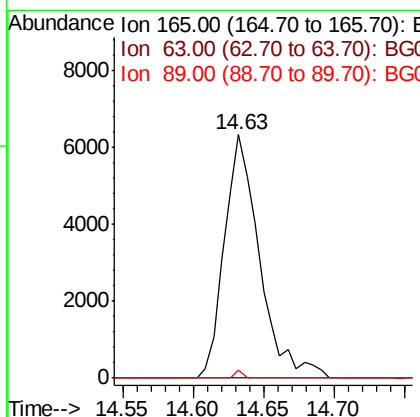
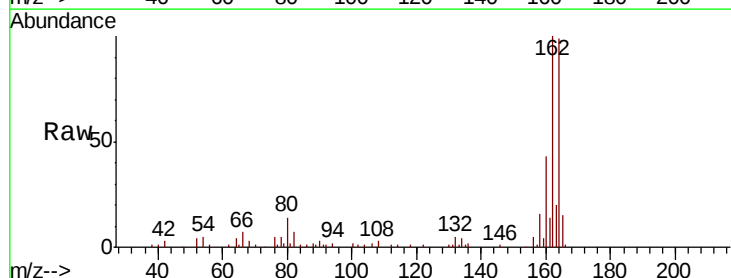
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BL

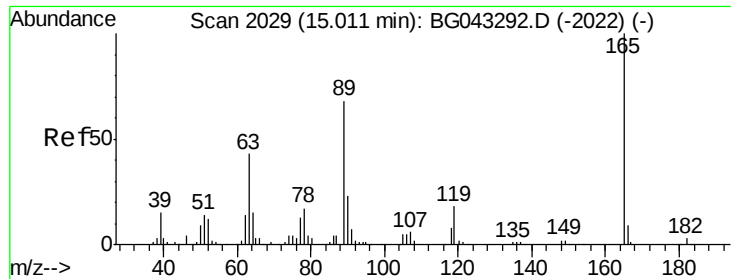
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.8	18.5	27.7



#51
 2,6-Dinitrotoluene
 Concen: 8.177 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.42 min
 Lab File: BG043570.D
 Acq: 8 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	3.5	45.1	67.7#

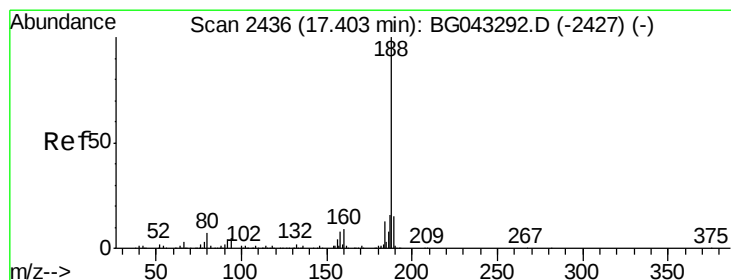
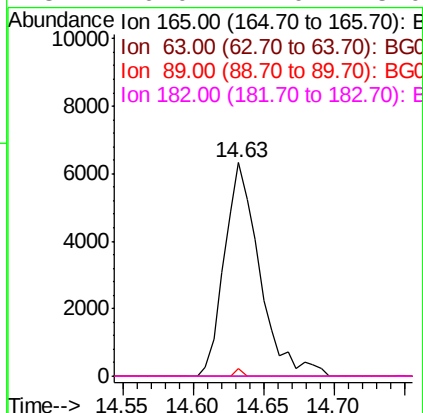
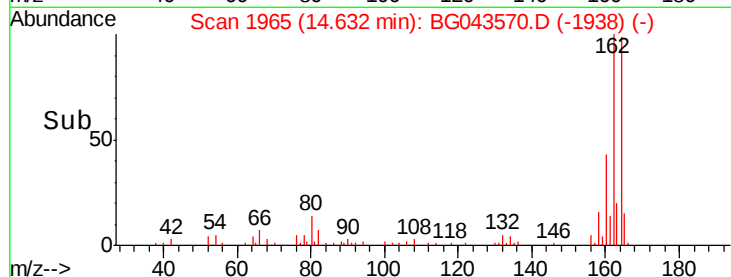
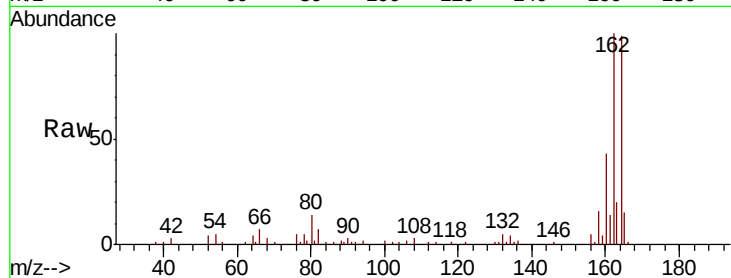




#57
 2,4-Dinitrotoluene
 Concen: 5.722 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG043570.D
 Acq: 8 Nov 2019 15:28

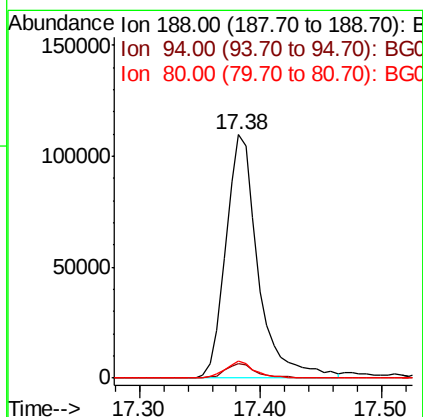
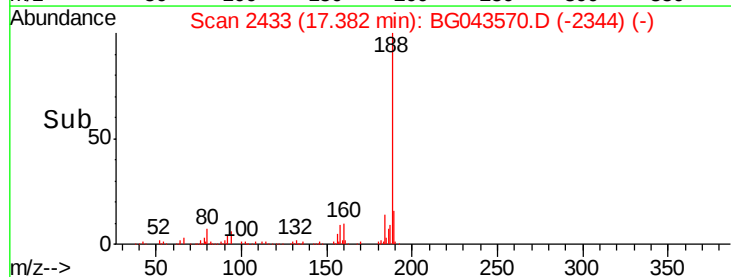
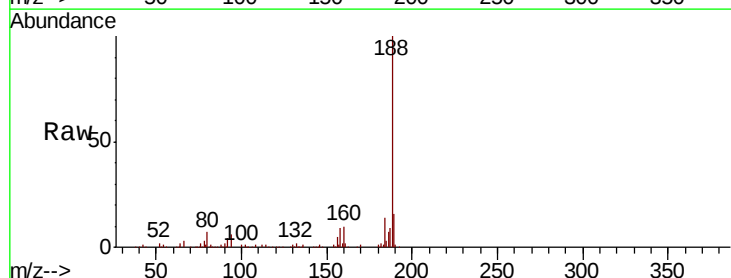
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BL

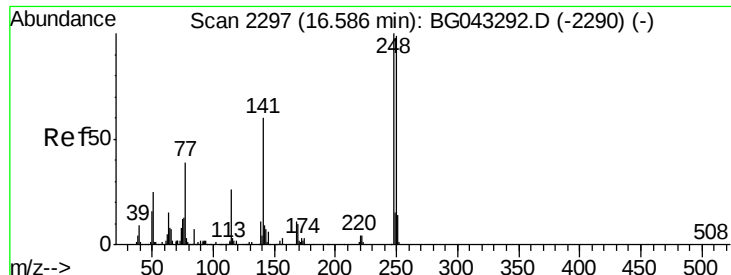
Tot Ion:165	Resp:	10947
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.2 49.8#
89	3.5	52.2 78.4#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG043570.D
 Acq: 8 Nov 2019 15:28

Tgt Ion:188	Resp:	204343
Ion Ratio	Lower	Upper
188	100	
94	6.2	4.2 6.4
80	7.1	4.5 6.7#





#67

4-Bromophenyl-phenylether

Concen: 4.367 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.45 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124597BL

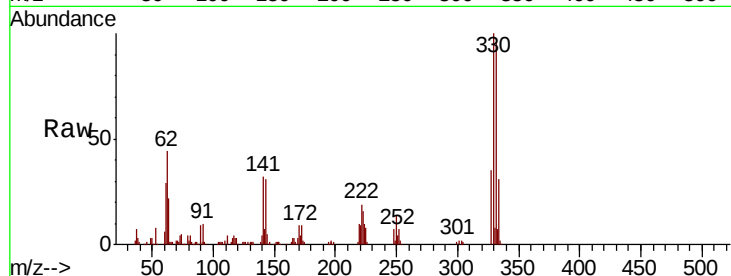
Tot Ion:248 Resp: 12009

Ion Ratio Lower Upper

248 100

250 185.8 77.0 115.4#

141 431.6 47.5 71.3#

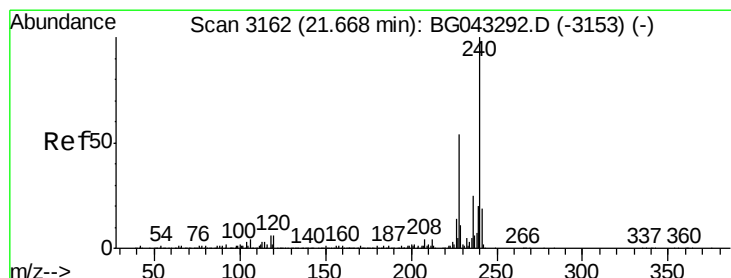
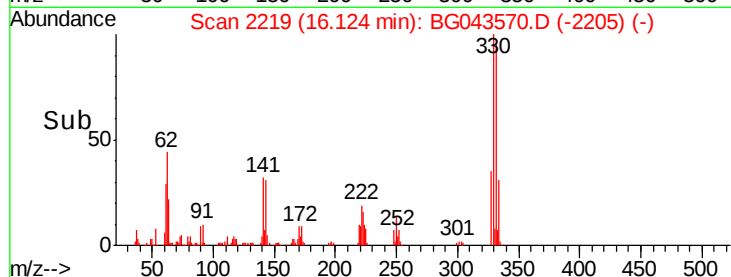
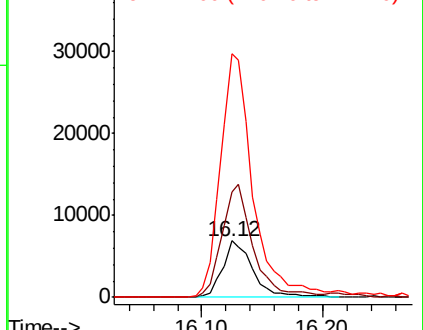


Abundance

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: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

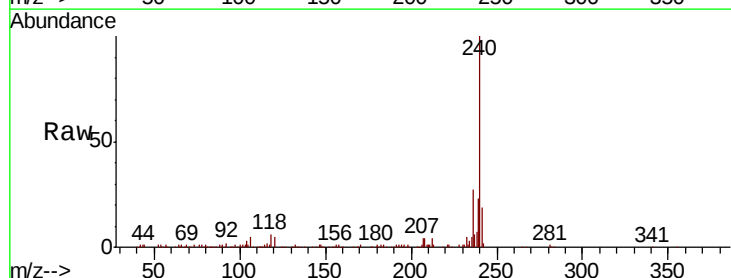
Tgt Ion:240 Resp: 212538

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

236 26.5 19.8 29.8

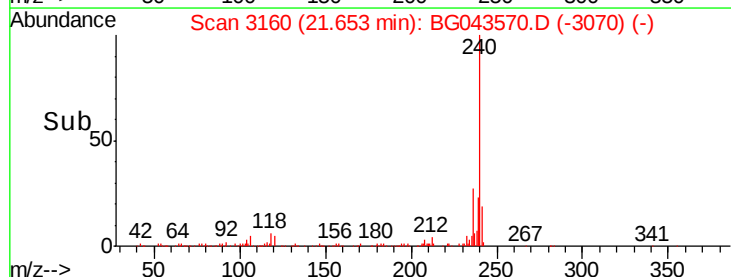
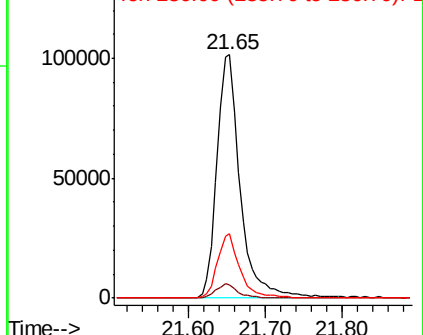


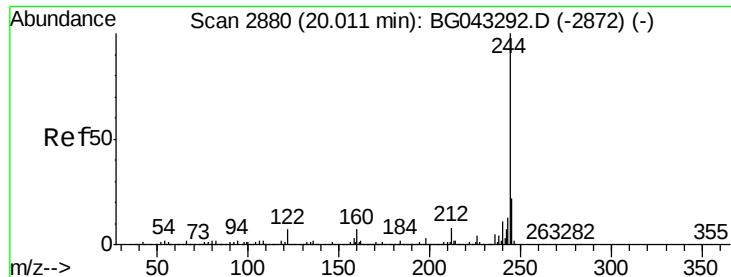
Abundance

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: 96.272 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124597BL

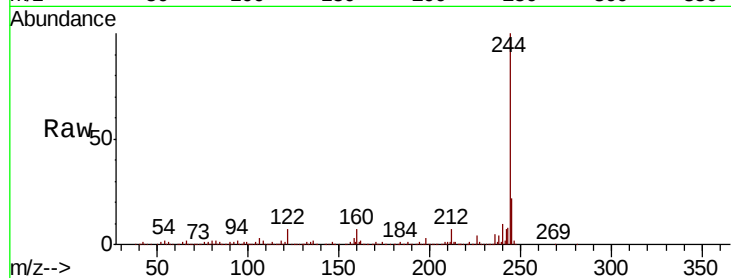
Tot Ion:244 Resp: 1090666

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	7.1	5.4	8.2

244 100

212 7.3 5.8 8.6

122 7.1 5.4 8.2

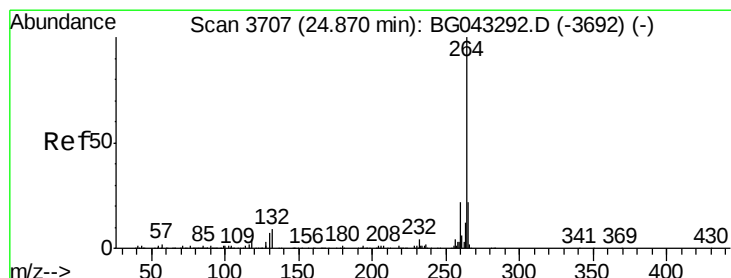
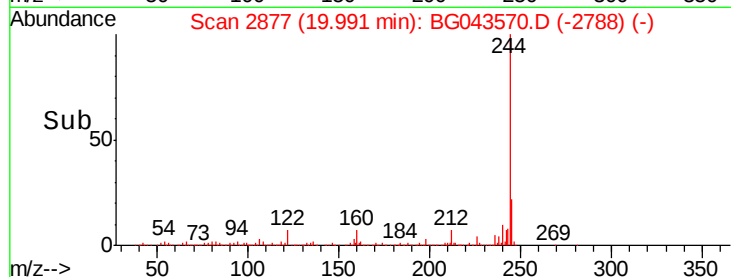
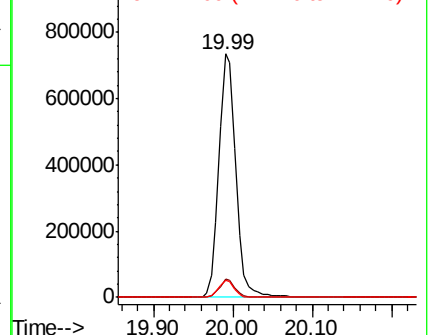


Abundance

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: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

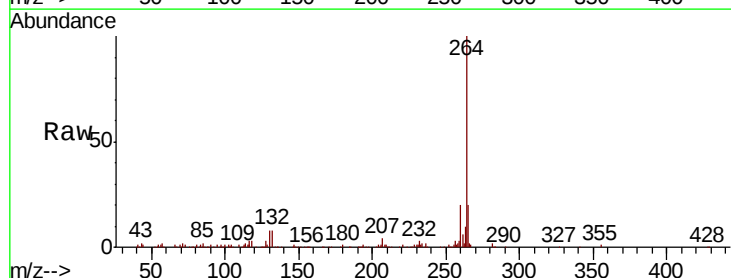
Tgt Ion:264 Resp: 244182

Ion	Ratio	Lower	Upper
264	100		
260	20.3	17.5	26.3
265	20.3	17.4	26.0

264 100

260 20.3 17.5 26.3

265 20.3 17.4 26.0



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

