

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045704.D
 Acq On : 10 Jun 2020 23:20
 Operator : CG/JU
 Sample : L2965-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 11 00:47:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	58781	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	233910	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	154322	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	312997	20.00	ng	0.00
76) Chrysene-d12	21.59	240	311363	20.00	ng	0.00
87) Perylene-d12	24.74	264	358899	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	234255	77.88	ng	0.00
7) Phenol-d6	7.14	99	376869	88.03	ng	0.00
23) Nitrobenzene-d5	9.10	82	269797	62.90	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	117248	59.41	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	597525	65.68	ng	0.00
79) Terphenyl-d14	19.95	244	848405	63.55	ng	0.00

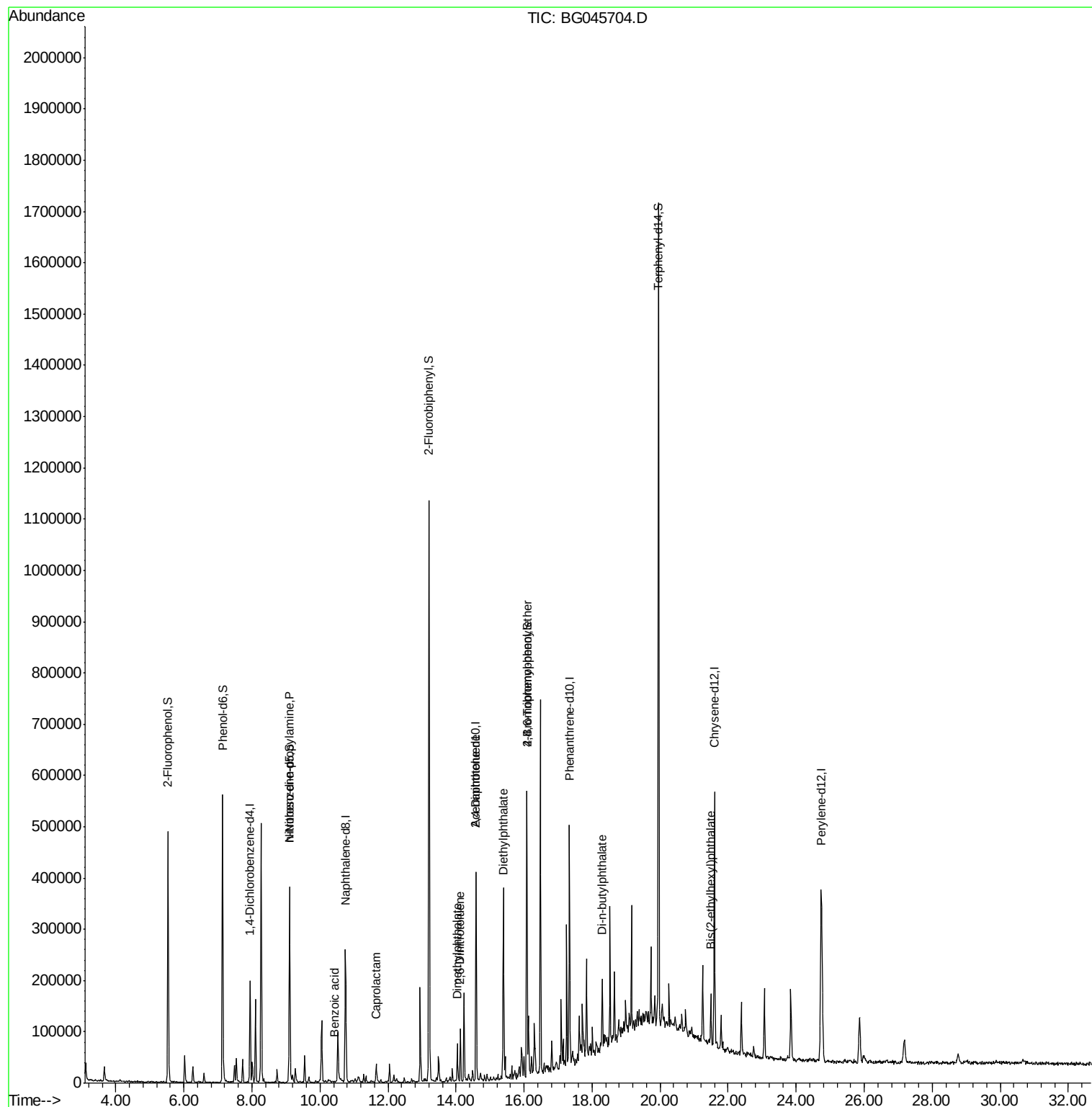
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	37022	12.506	ng	# 82
32) Benzoic acid	10.43	122	61	10.047	ng	# 1
35) Caprolactam	11.65	113	8820	6.979	ng	# 88
50) Dimethylphthalate	14.04	163	44963	4.247	ng	98
51) 2,6-Dinitrotoluene	14.13	165	16165	6.767	ng	# 26
57) 2,4-Dinitrotoluene	14.59	165	20757	6.000	ng	# 22
60) Diethylphthalate	15.40	149	40315	3.659	ng	95
67) 4-Bromophenyl-phenylether	16.08	248	7379	2.177	ng	# 1
74) Di-n-butylphthalate	18.30	149	100872	6.283	ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	41525	3.943	ng	97

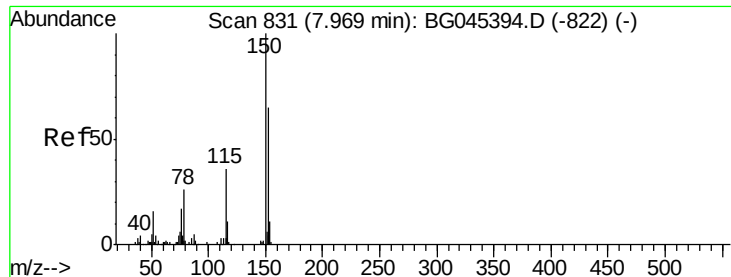
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
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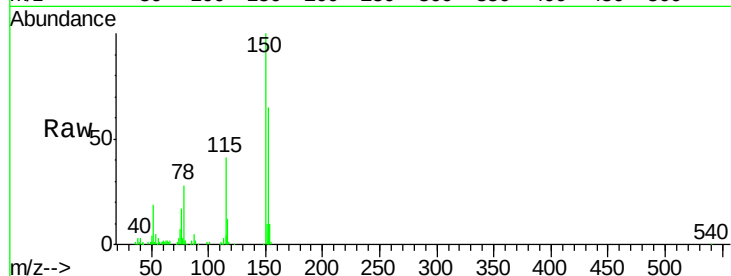


#1

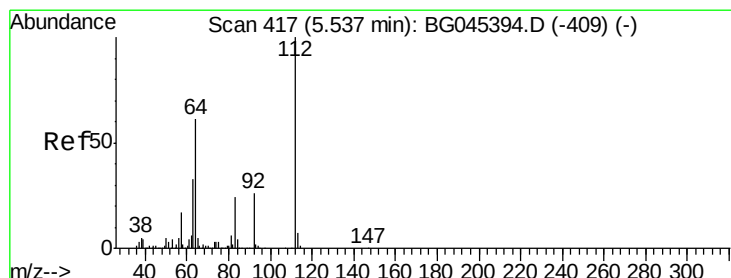
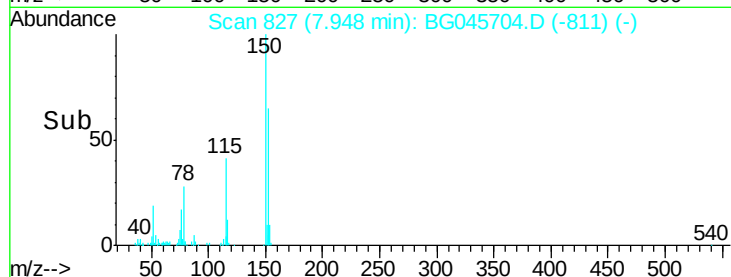
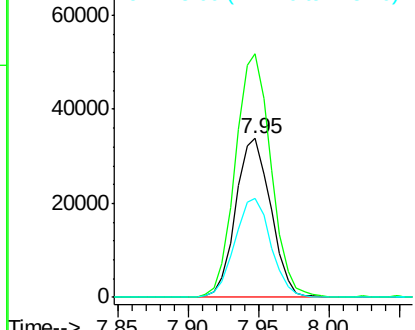
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.4	183.6
115	62.6	44.2	66.4



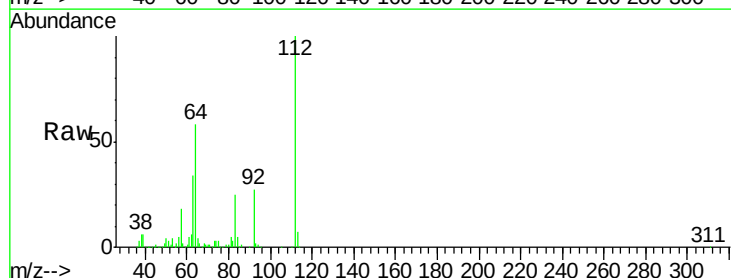
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



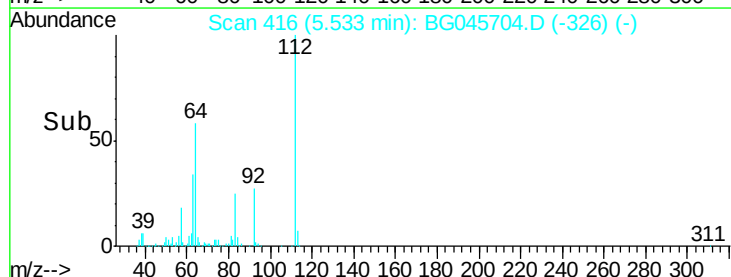
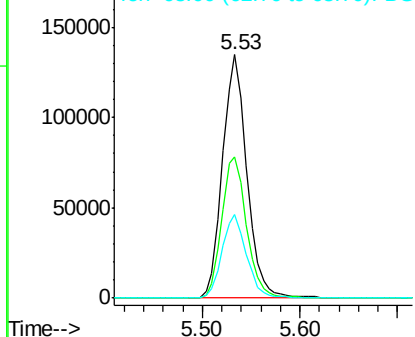
#5

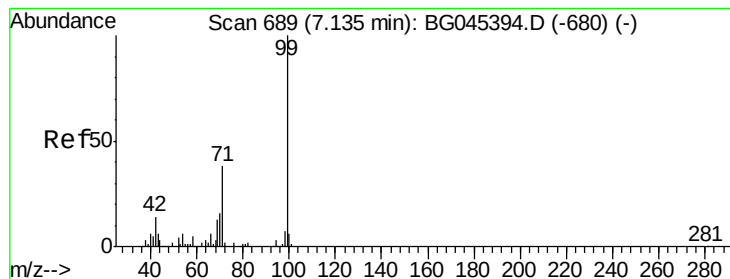
2-Fluorophenol
Concen: 77.883 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	48.6	72.8
63	34.4	26.5	39.7



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: 88.033 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

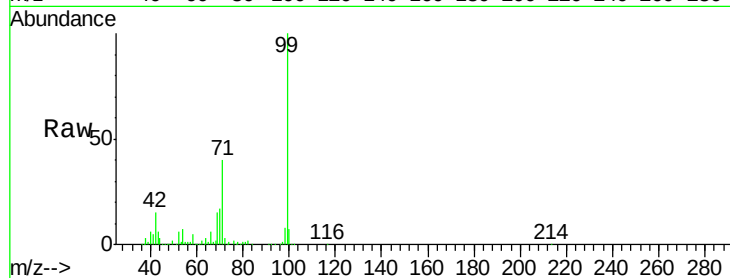
Tot Ion: 99 Resp: 376869

Ion Ratio Lower Upper

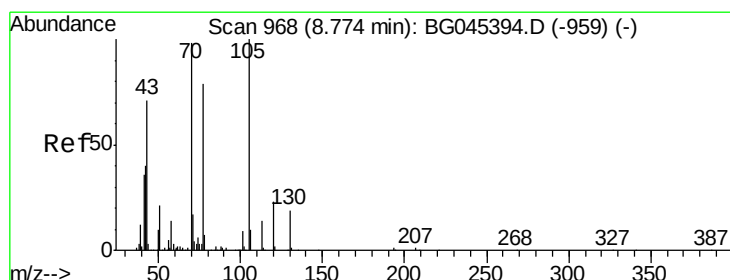
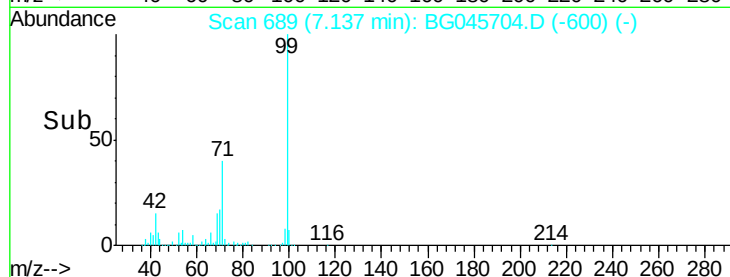
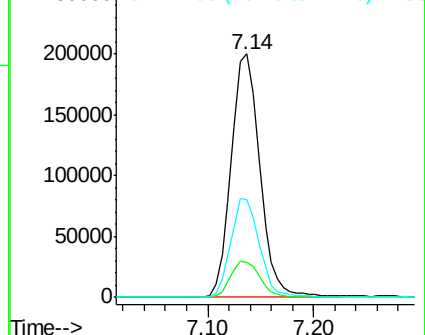
99 100

42 14.6 11.3 16.9

71 40.2 30.8 46.2



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: 12.506 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Tgt Ion: 70 Resp: 37022

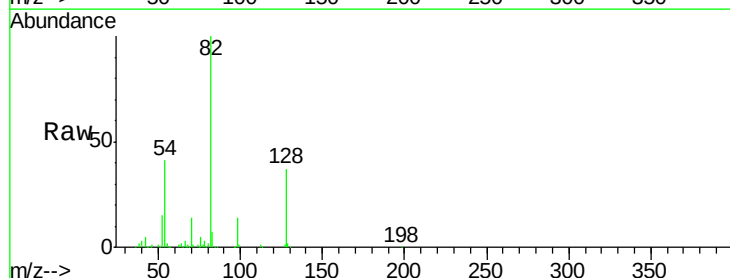
Ion Ratio Lower Upper

70 100

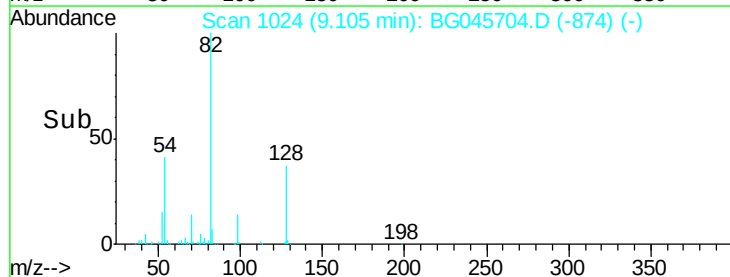
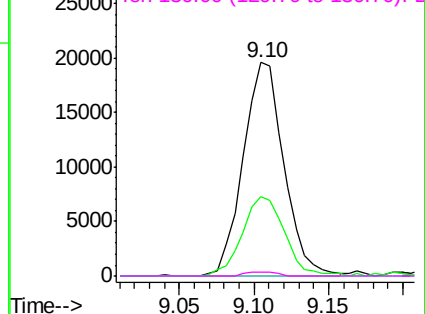
42 37.1 33.2 49.8

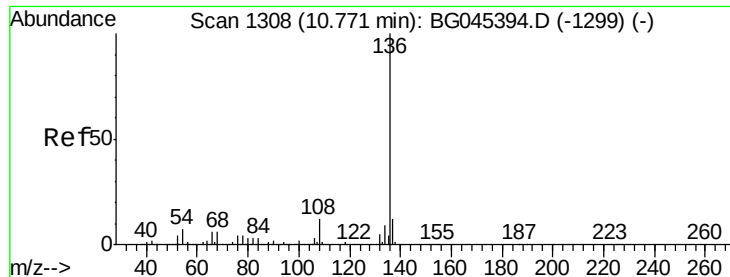
101 0.0 7.8 11.6#

130 1.9 15.4 23.2#



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

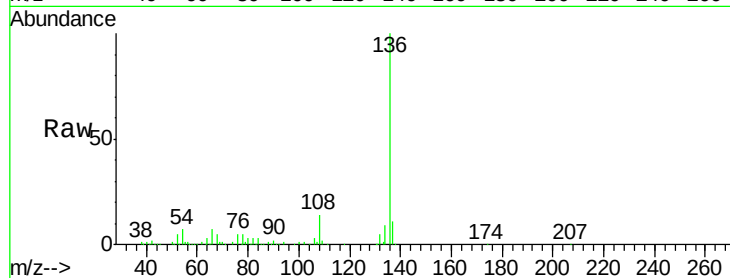




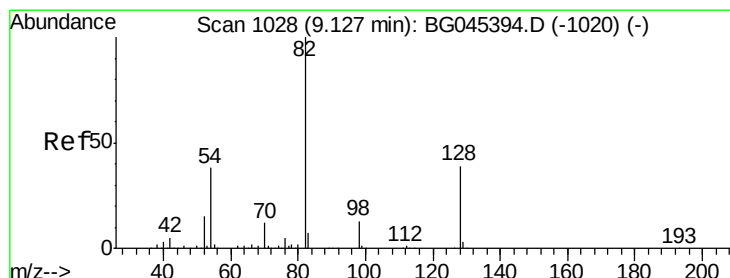
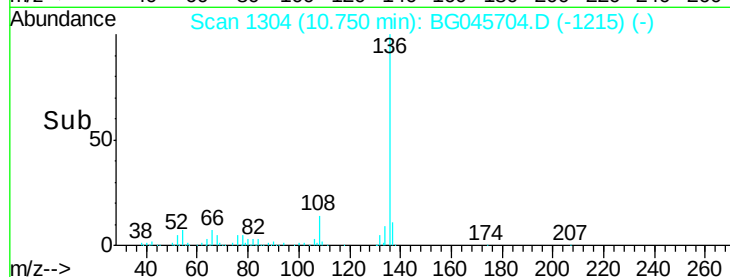
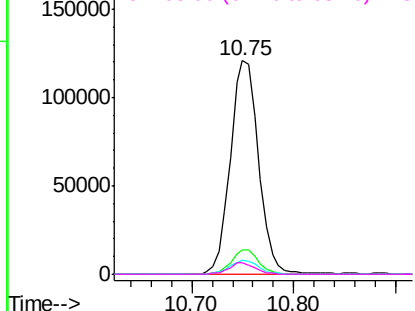
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 233910
Ion Ratio	Lower Upper
136 100	
137 11.2	9.4 14.2
54 6.5	5.8 8.6
68 5.2	4.5 6.7

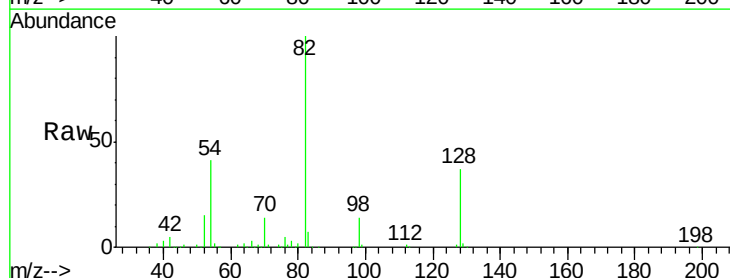


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

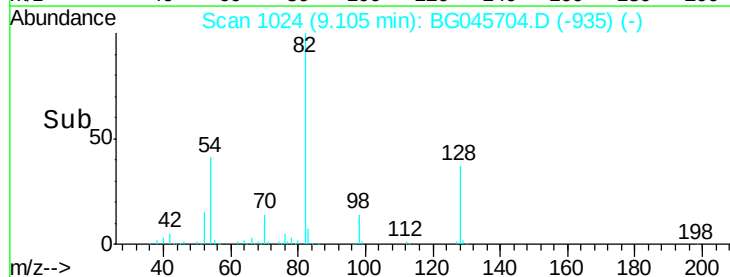
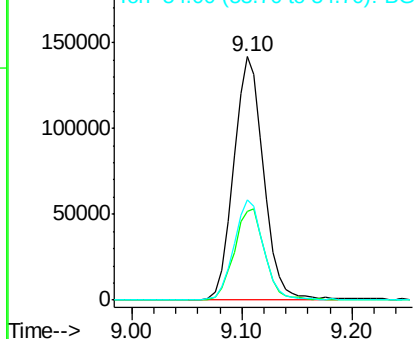


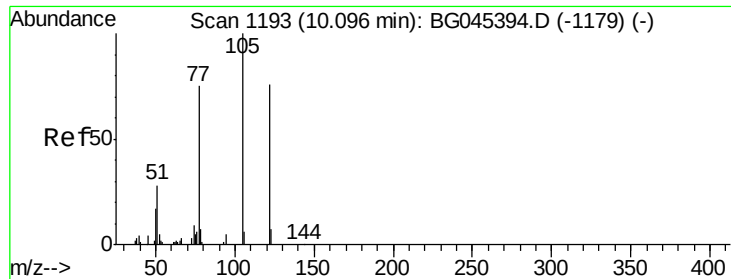
#23
Nitrobenzene-d5
Concen: 62.898 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion: 82	Resp: 269797
Ion Ratio	Lower Upper
82 100	
128 36.5	30.9 46.3
54 41.1	30.3 45.5



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

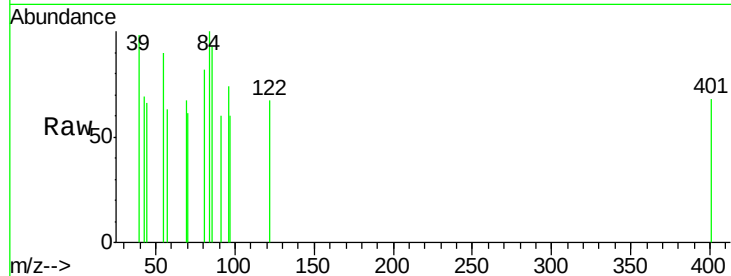




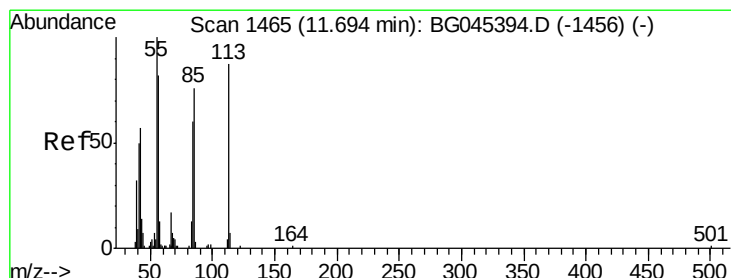
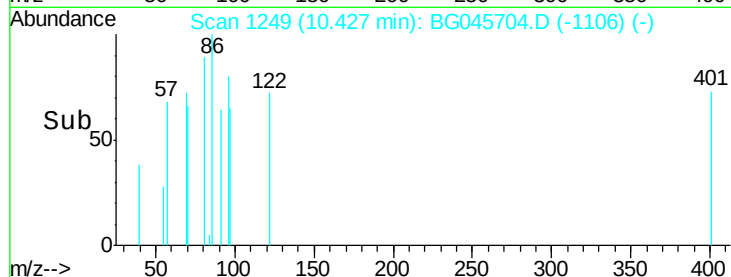
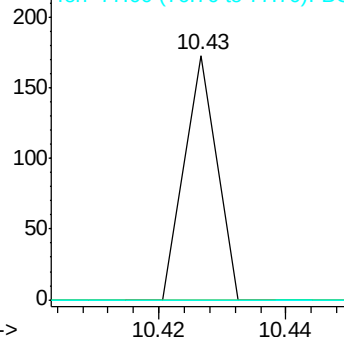
#32
Benzoic acid
Concen: 10.047 ng
RT: 10.43 min Scan# 1249
Delta R.T. 0.31 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#

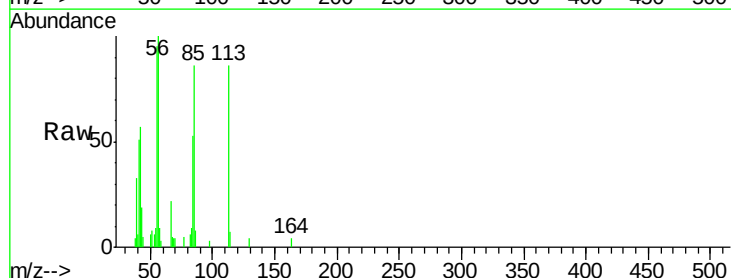


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

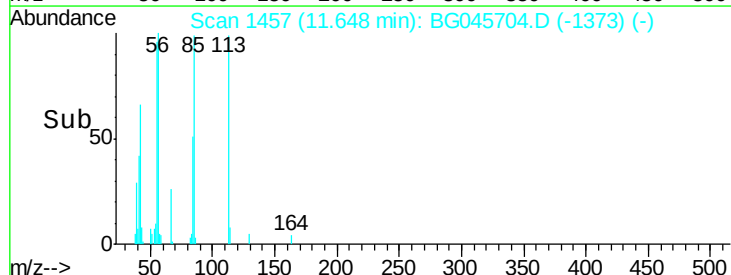
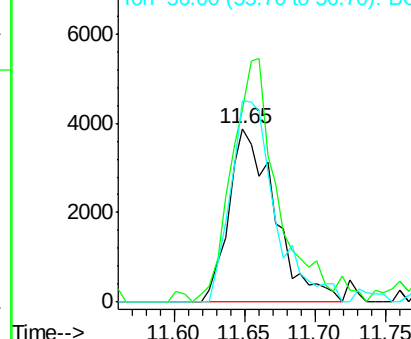


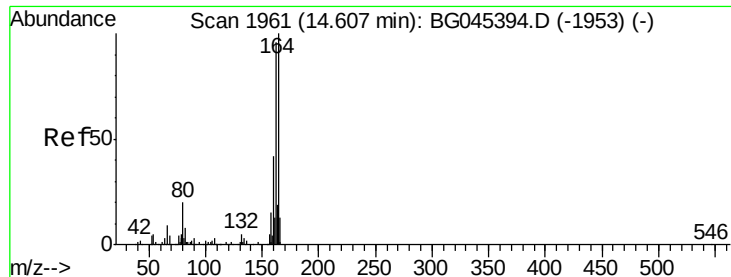
#35
Caprolactam
Concen: 6.979 ng
RT: 11.65 min Scan# 1457
Delta R.T. -0.04 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion:113 Resp: 8820
Ion Ratio Lower Upper
113 100
55 110.7 96.0 136.0
56 116.2 75.1 115.1#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

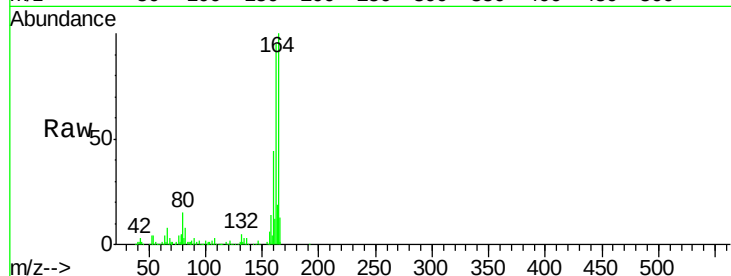
Tot Ion:164 Resp: 154322

Ion Ratio Lower Upper

164 100

162 95.3 76.9 115.3

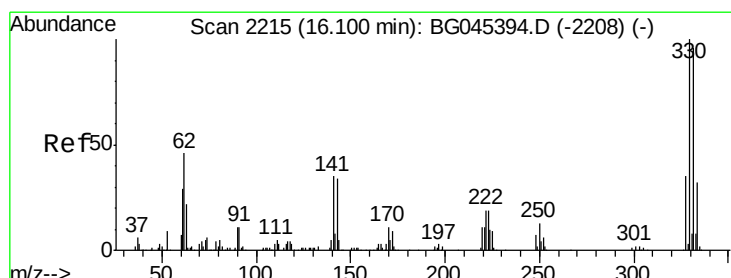
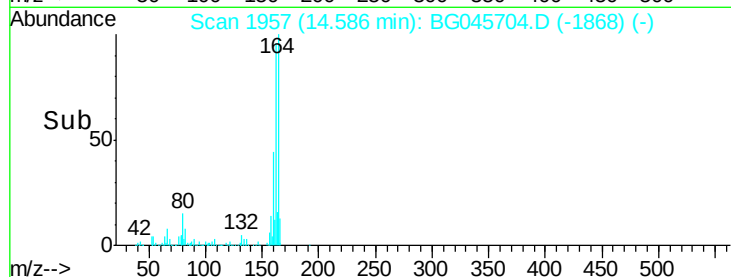
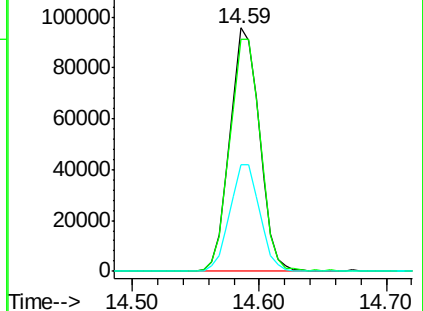
160 44.1 33.8 50.8



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: 59.408 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

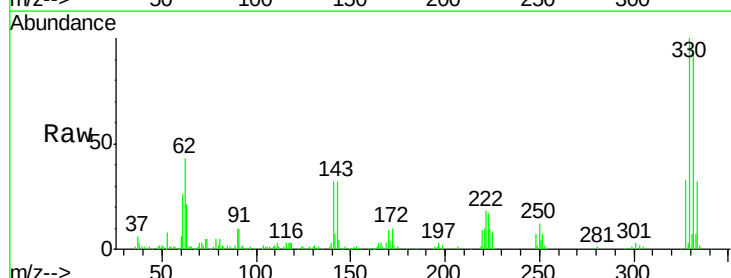
Tgt Ion:330 Resp: 117248

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

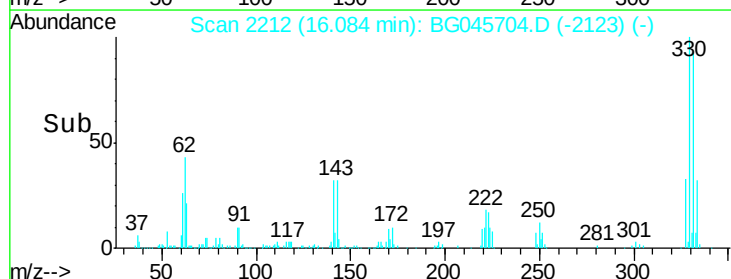
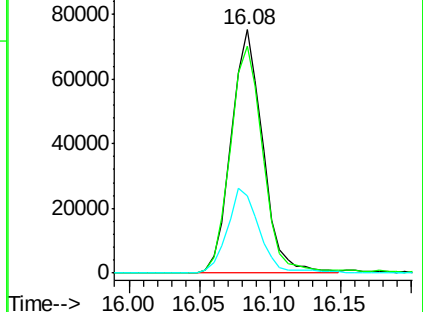
141 36.1 28.2 42.4

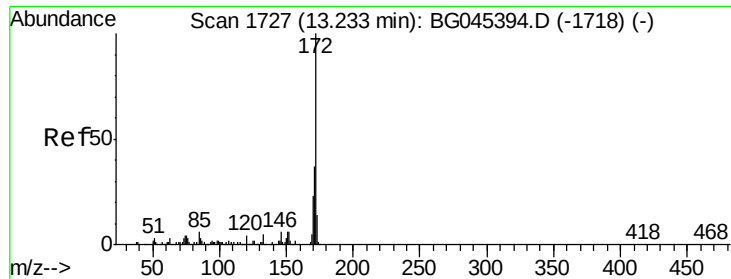


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

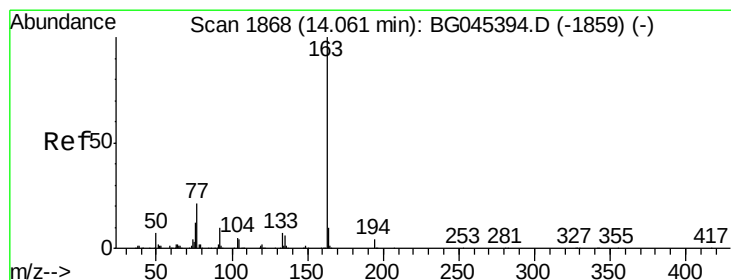
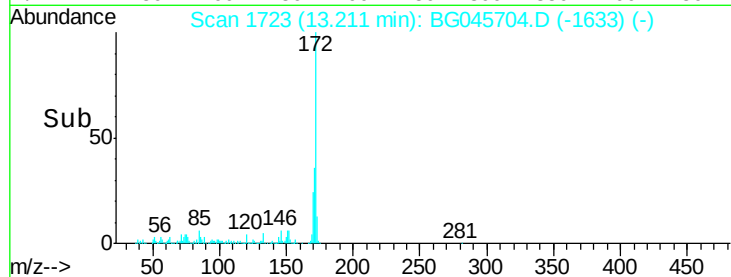
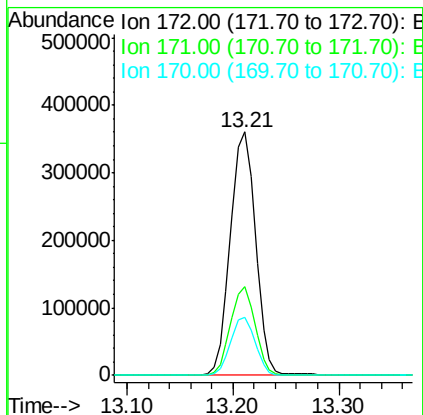
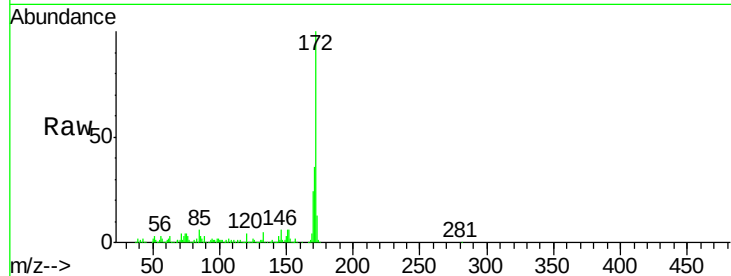




#45
 2-Fluorobiphenyl
 Concen: 65.676 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045704.D
 Acq: 10 Jun 2020 23:20

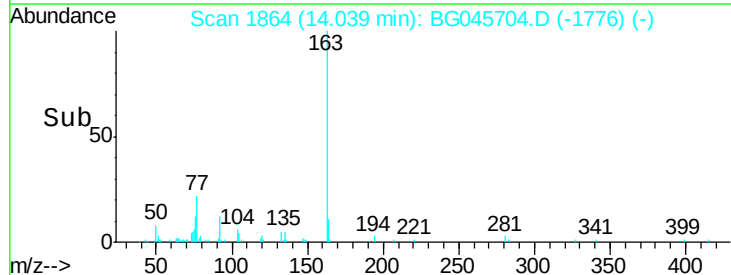
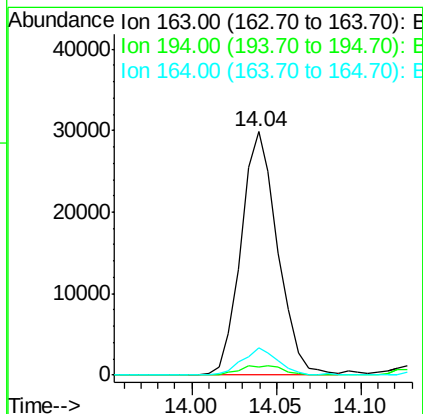
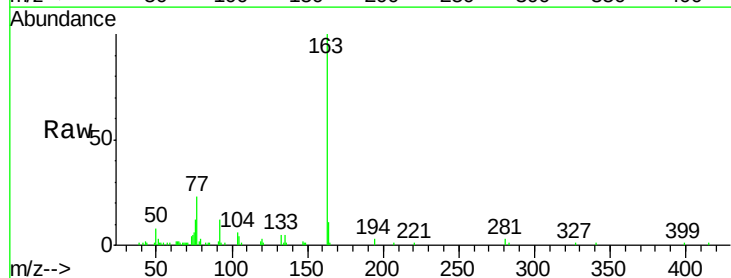
Instrument :
 BNA_G
 ClientSampleId :

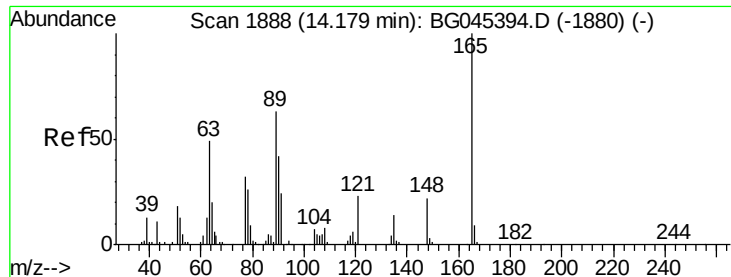
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	23.6	18.5	27.7



#50
 Dimethylphthalate
 Concen: 4.247 ng
 RT: 14.04 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BG045704.D
 Acq: 10 Jun 2020 23:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	11.3	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 6.767 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.04 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

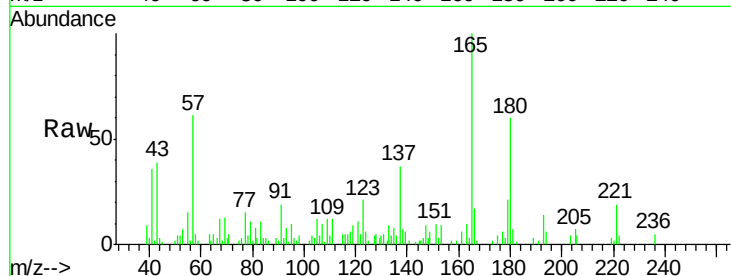
Tot Ion:165 Resp: 16165

Ion Ratio Lower Upper

165 100

63 4.6 45.0 67.4#

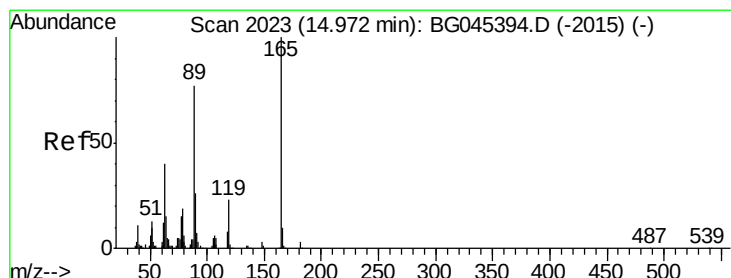
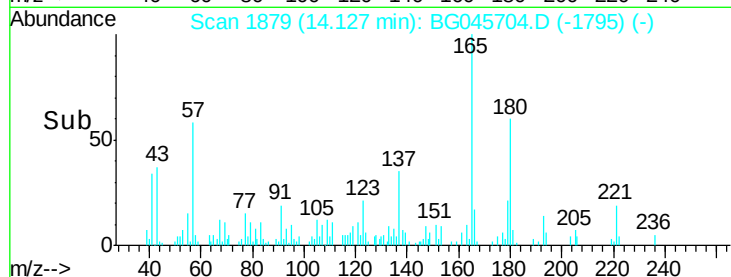
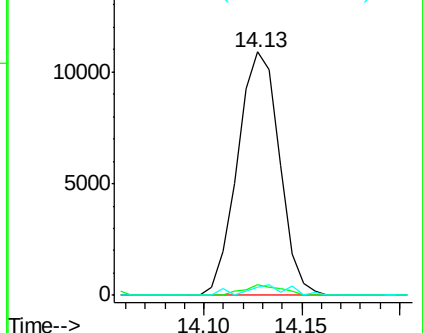
89 3.1 50.2 75.4#



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



#57

2,4-Dinitrotoluene

Concen: 6.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.37 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Tgt Ion:165 Resp: 20757

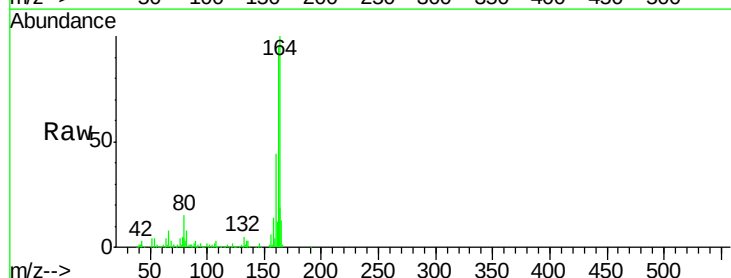
Ion Ratio Lower Upper

165 100

63 1.2 32.5 48.7#

89 1.4 61.8 92.6#

182 0.0 2.3 3.5#

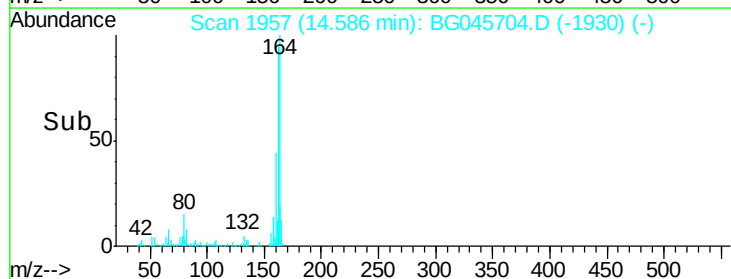
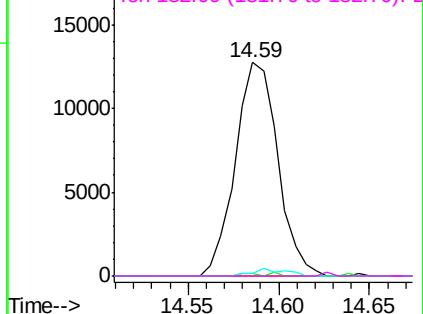


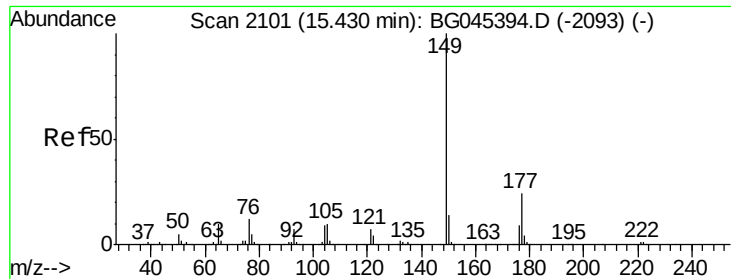
Abundance Ion 165.00 (164.70 to 165.70): E

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





#60

Diethylphthalate

Concen: 3.659 ng

RT: 15.40 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

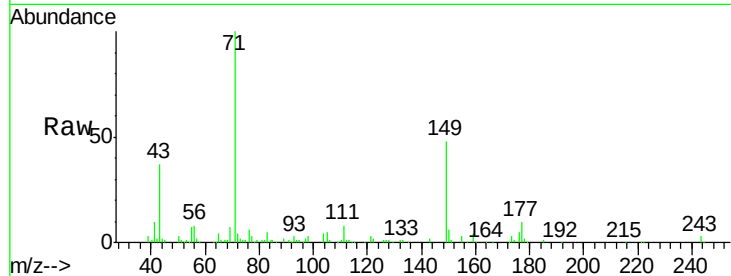
Tot Ion:149 Resp: 40315

Ion Ratio Lower Upper

149 100

177 21.3 19.0 28.4

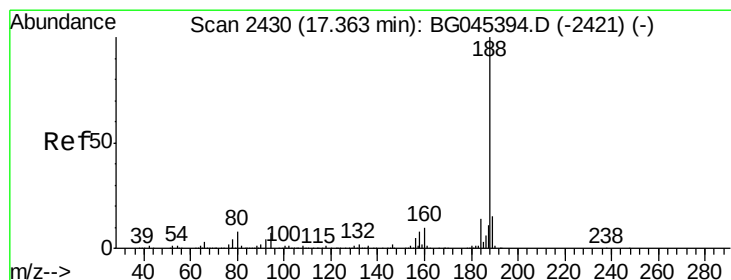
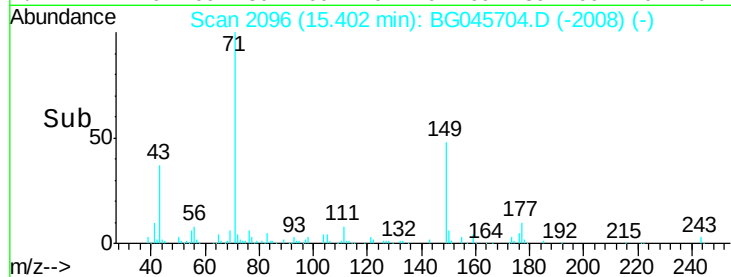
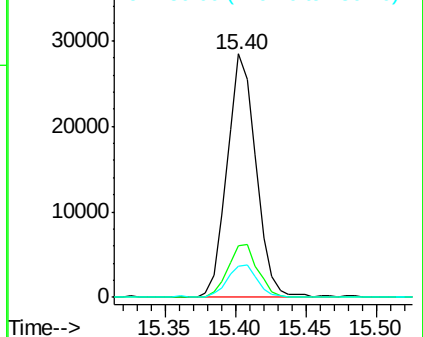
150 12.6 11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

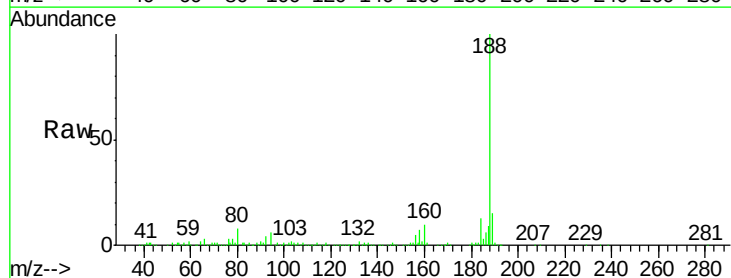
Tgt Ion:188 Resp: 312997

Ion Ratio Lower Upper

188 100

94 6.2 5.5 8.3

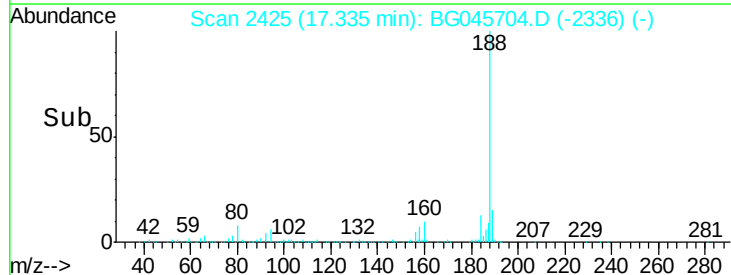
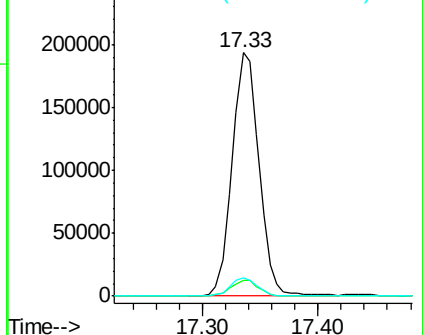
80 7.5 6.6 10.0

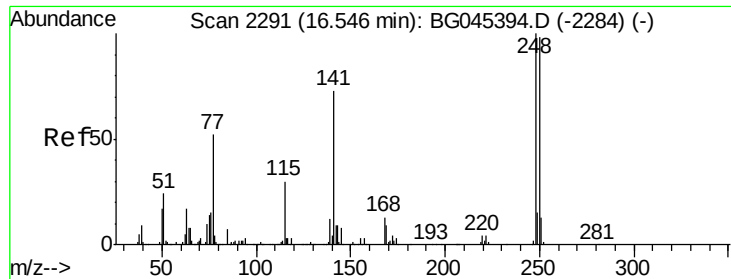


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

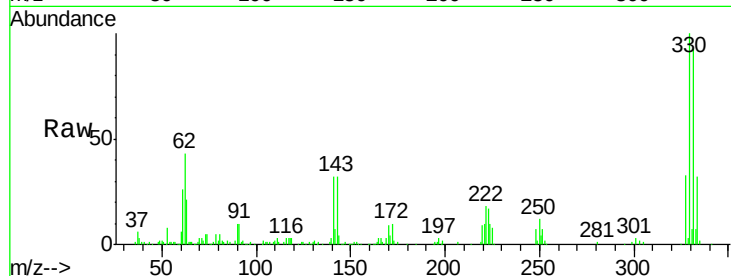




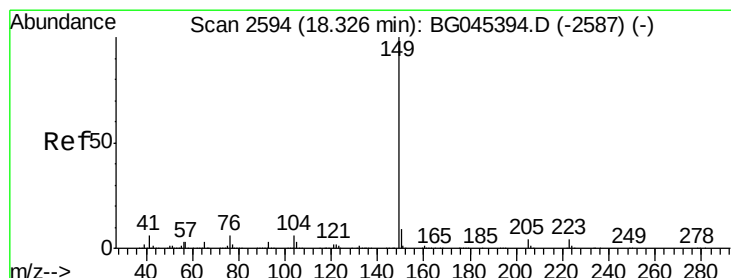
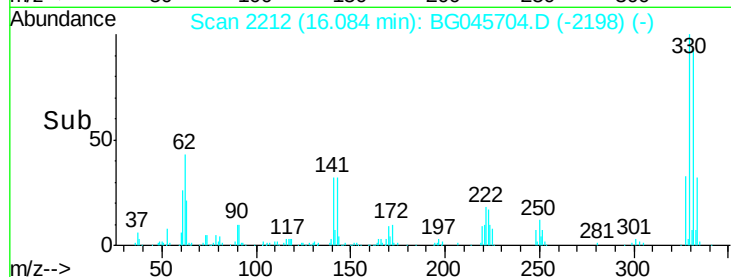
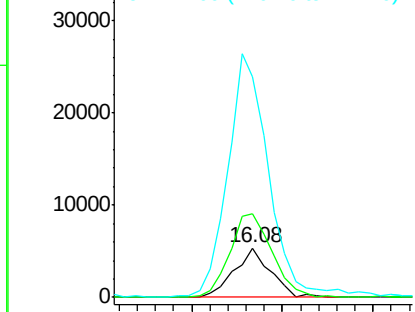
#67
 4-Bromophenyl-phenylether
 Concen: 2.177 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.45 min
 Lab File: BG045704.D
 Acq: 10 Jun 2020 23:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 7379
 Ion Ratio Lower Upper
 248 100
 250 168.6 78.6 117.8#
 141 443.0 58.2 87.2#

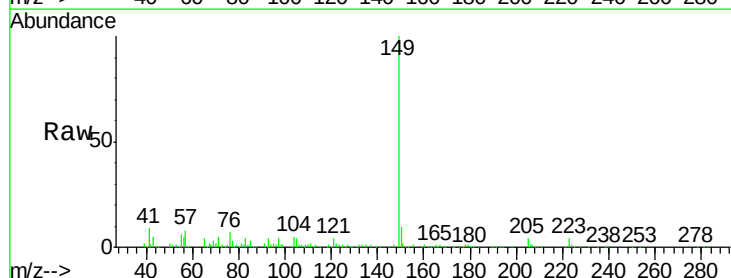


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

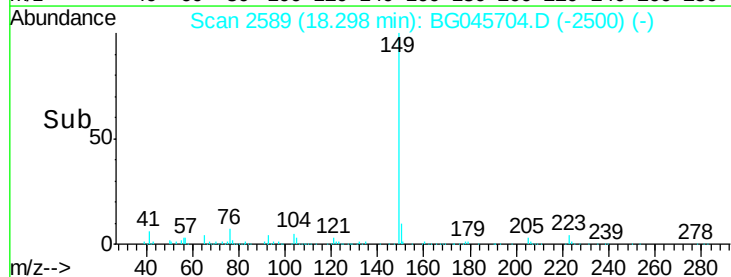
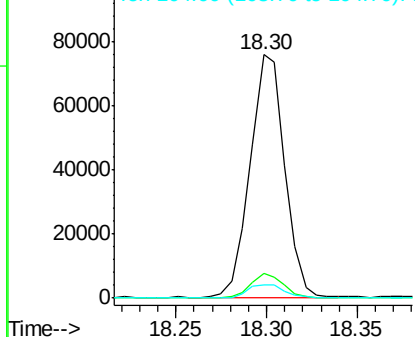


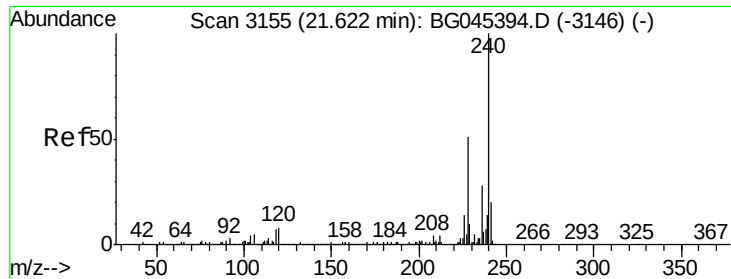
#74
 Di-n-butylphthalate
 Concen: 6.283 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG045704.D
 Acq: 10 Jun 2020 23:20

Tgt Ion:149 Resp: 100872
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 5.3 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

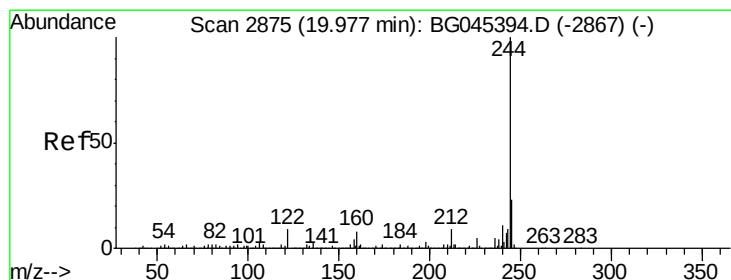
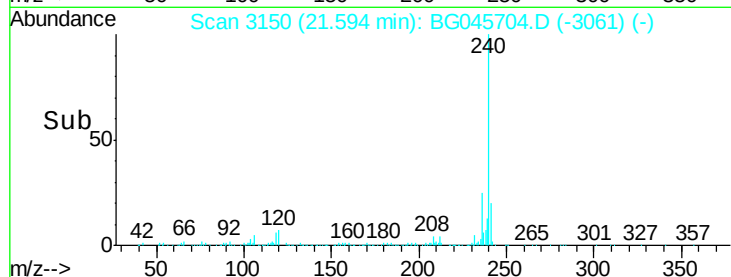
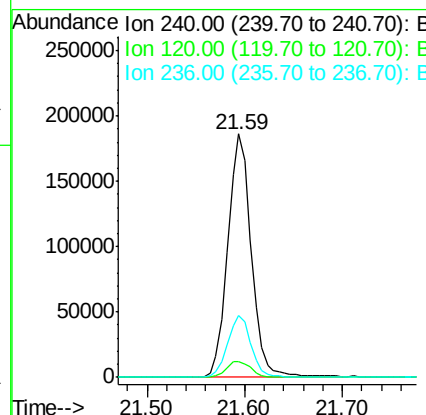
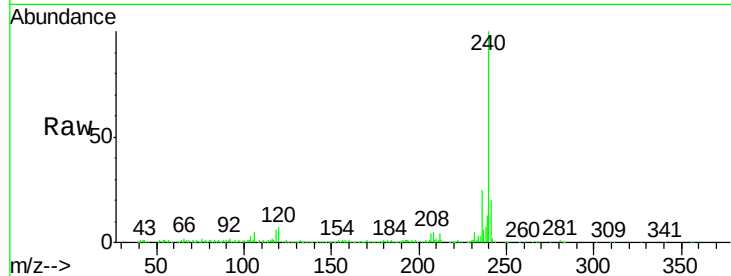




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

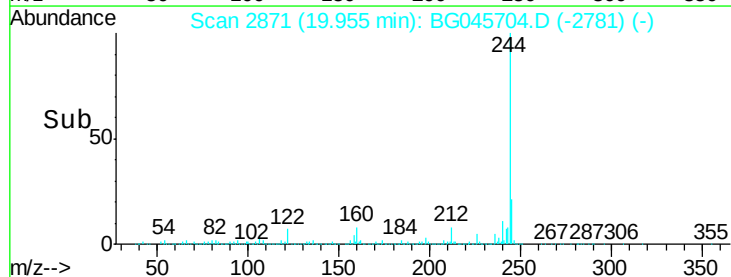
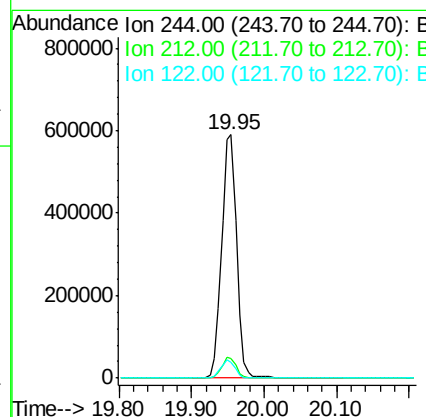
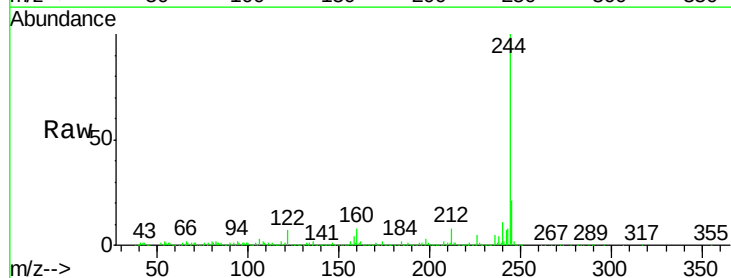
Instrument :
BNA_G
ClientSampleId :

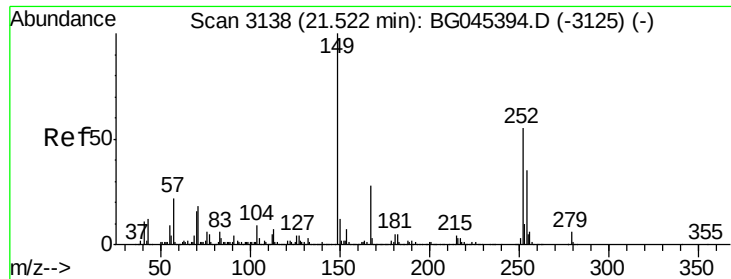
Tot Ion:240 Resp: 311363
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 25.4 22.3 33.5



#79
Terphenyl-d14
Concen: 63.551 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion:244 Resp: 848405
Ion Ratio Lower Upper
244 100
212 8.3 7.4 11.0
122 6.7 6.8 10.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.943 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

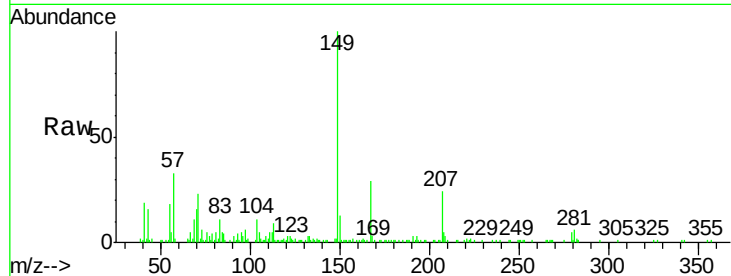
Tot Ion:149 Resp: 41525

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.2	33.2
279	5.0	4.7	7.1

149 100

167 29.1 22.2 33.2

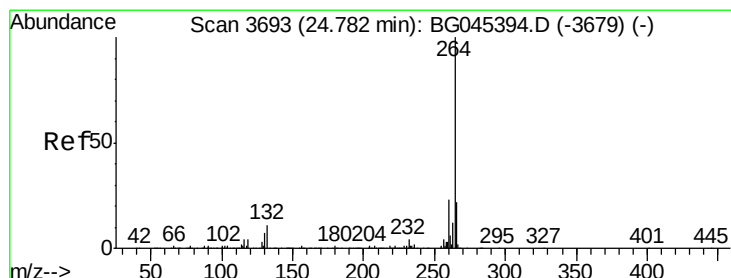
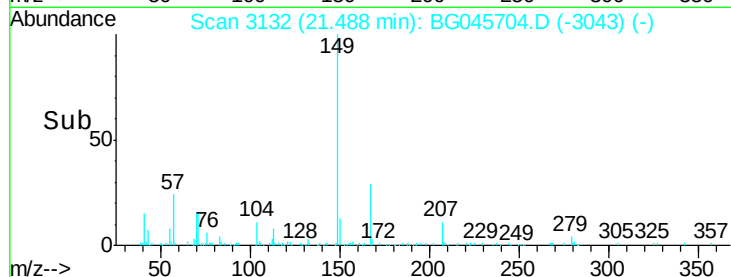
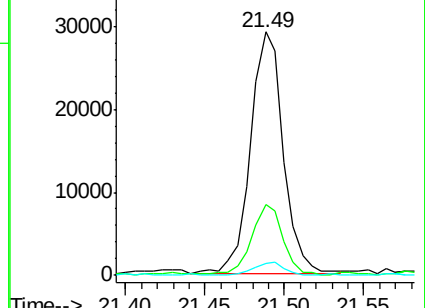
279 5.0 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

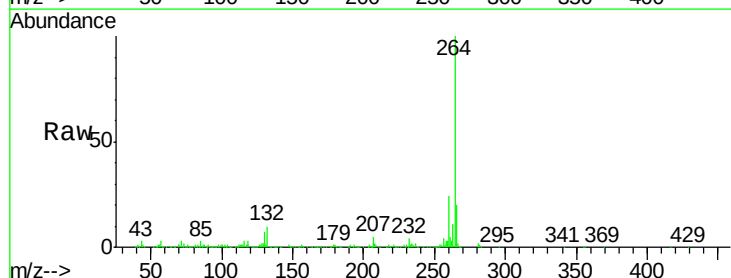
Tgt Ion:264 Resp: 358899

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.1	17.6	26.4

264 100

260 23.5 18.2 27.4

265 20.1 17.6 26.4



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

