

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046574.D
 Acq On : 9 Sep 2020 15:56
 Operator : CG/JU
 Sample : L3939-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090820-GW

Quant Time: Sep 09 17:06:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69977	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	265622	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	173602	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	408409	20.00	ng	0.00
76) Chrysene-d12	21.54	240	476444	20.00	ng	0.00
86) Perylene-d12	24.65	264	483580	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	224939	56.93	ng	0.00
7) Phenol-d6	7.10	99	180753	32.27	ng	0.00
23) Nitrobenzene-d5	9.08	82	385169	82.88	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	255326	108.55	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	902194	79.33	ng	0.00
79) Terphenyl-d14	19.92	244	1528685	68.28	ng	0.00

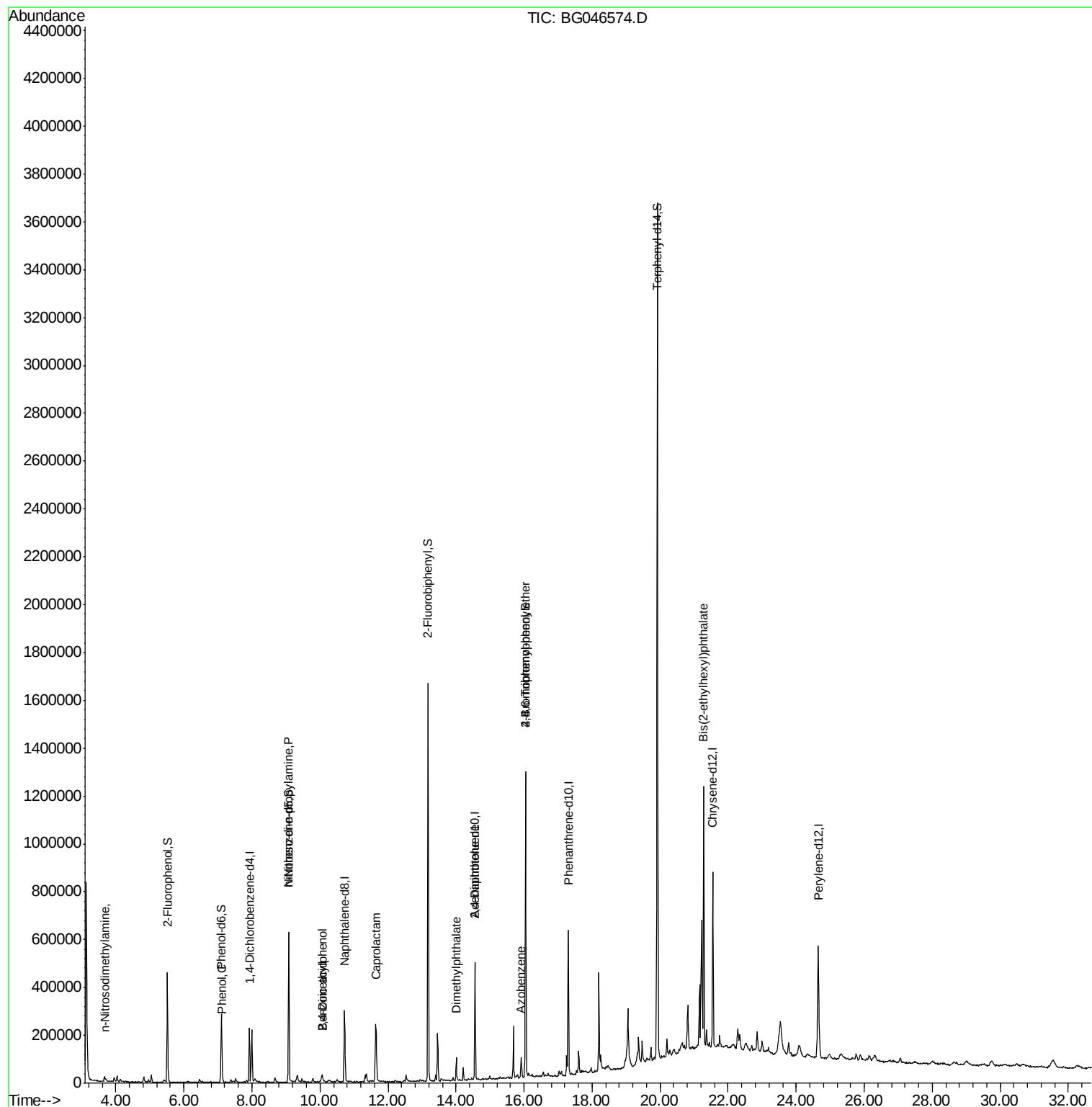
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.67	42	7414	4.180	ng	# 1
10) Phenol	7.13	94	13180	2.555	ng	# 90
19) n-Nitroso-di-n-propylamine	9.08	70	49942	14.907	ng	# 77
27) 2,4-Dimethylphenol	10.06	122	18743	5.625	ng	# 5
32) Benzoic acid	10.06	122	18743	13.011	ng	# 91
35) Caprolactam	11.65	113	65974	39.737	ng	# 96
50) Dimethylphthalate	14.01	163	68181	5.076	ng	# 99
57) 2,4-Dinitrotoluene	14.55	165	23287	5.516	ng	# 34
63) Azobenzene	15.92	77	25719	2.414	ng	# 1
67) 4-Bromophenyl-phenylether	16.04	248	19215	4.033	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.28	149	508751	31.502	ng	# 49

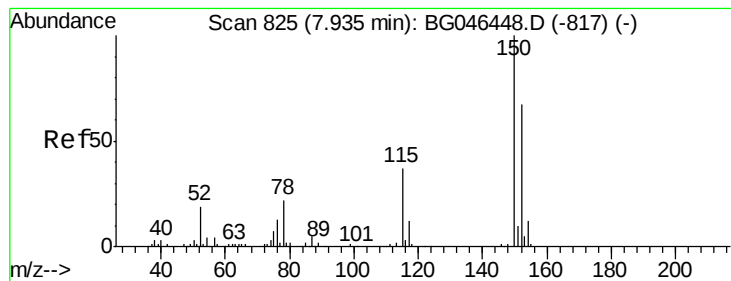
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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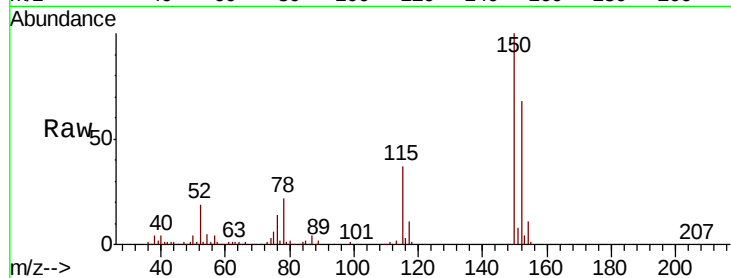


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090820-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.5	179.3
115	54.8	44.3	66.5

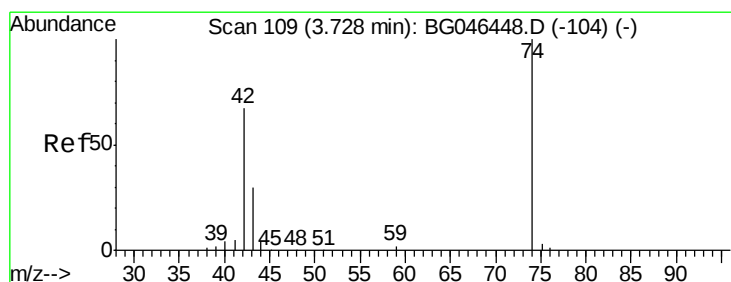
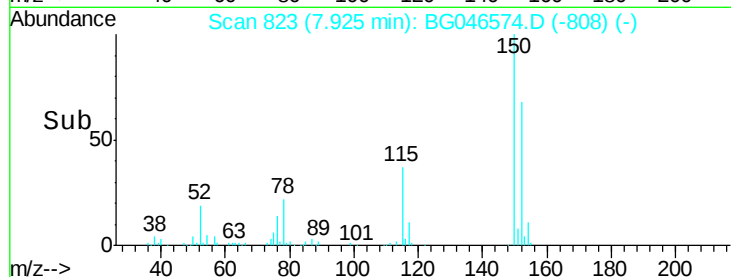
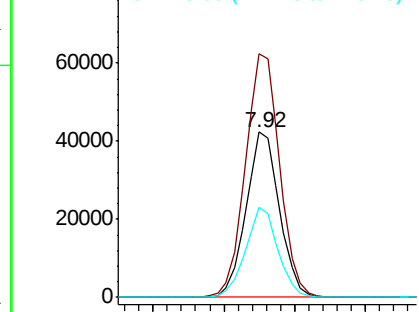


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

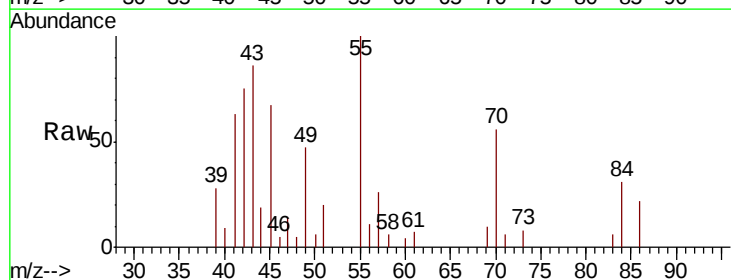
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
Concen: 4.180 ng
RT: 3.67 min Scan# 98
Delta R.T. -0.06 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.5	179.3#
44	24.9	5.7	8.5#

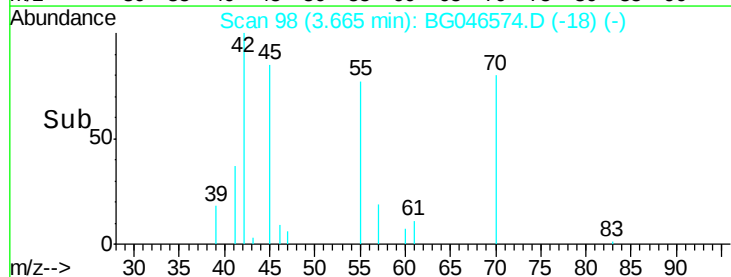
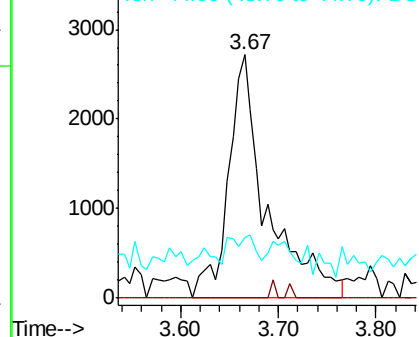


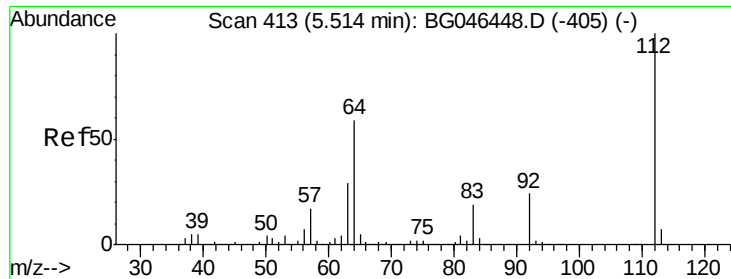
Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

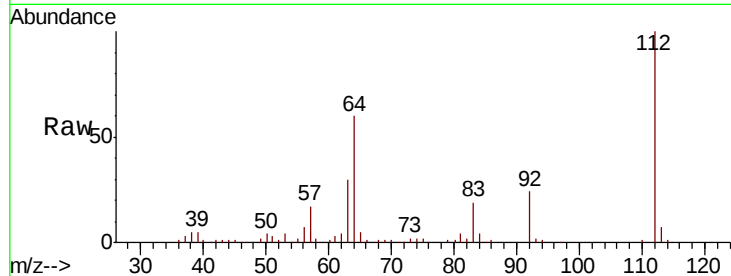




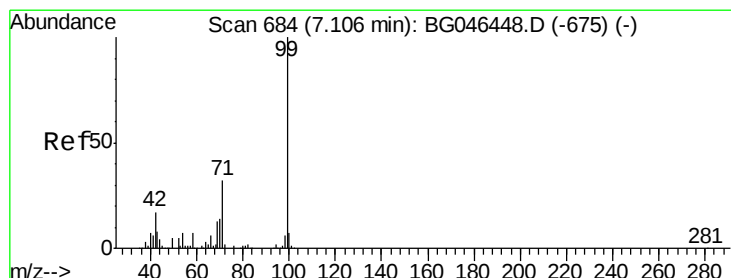
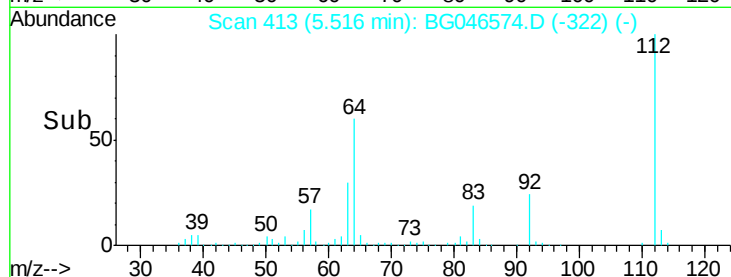
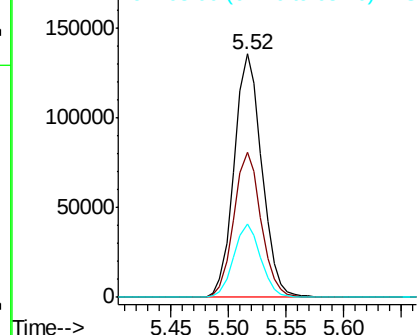
#5
 2-Fluorophenol
 Concen: 56.934 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046574.D
 Acq: 9 Sep 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090820-GW

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.0	70.6
63	29.9	23.5	35.3

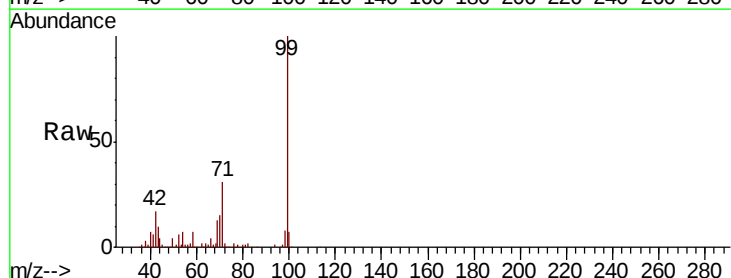


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

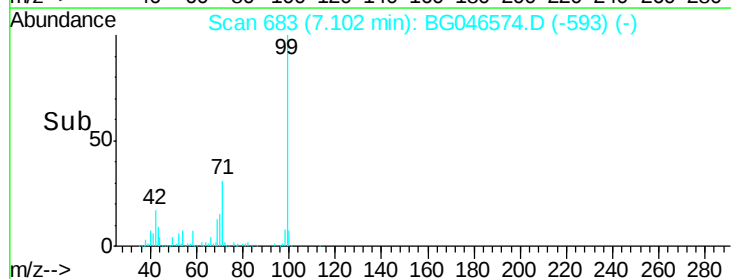
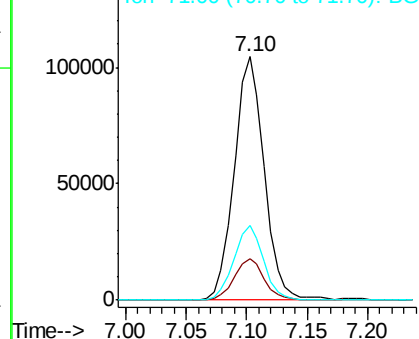


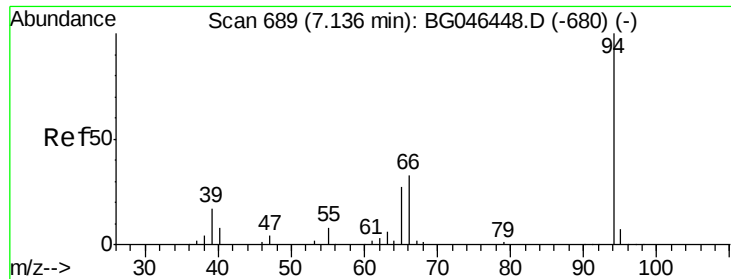
#7
 Phenol-d6
 Concen: 32.273 ng
 RT: 7.10 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BG046574.D
 Acq: 9 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.3	19.9
71	30.5	25.3	37.9



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

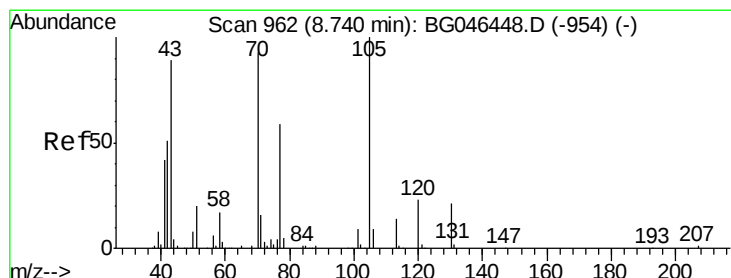
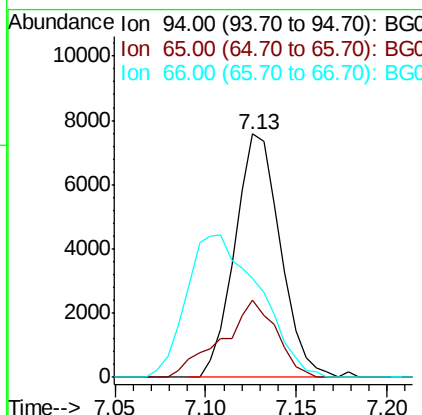
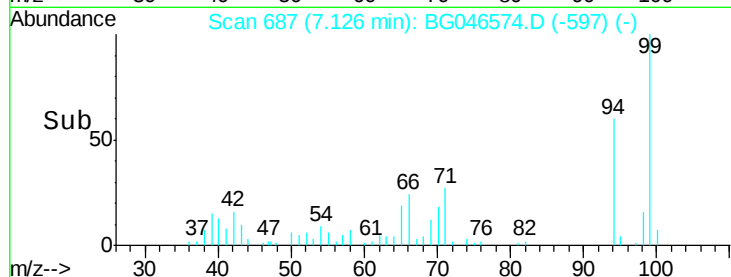
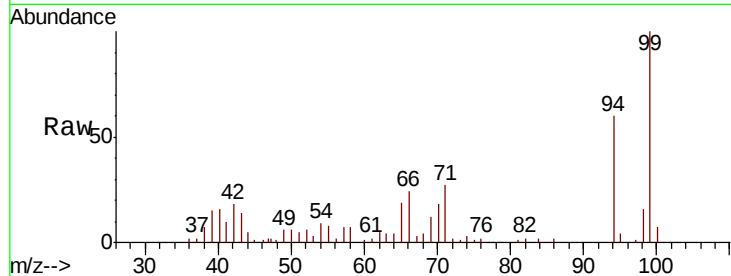




#10
Phenol
Concen: 2.555 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.00 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

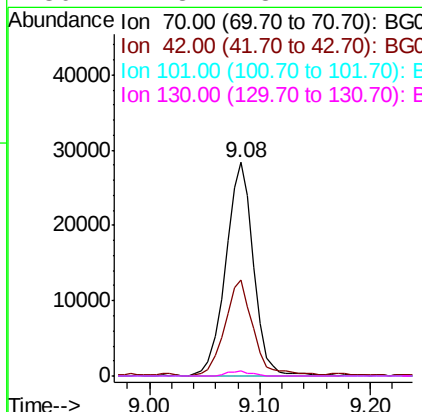
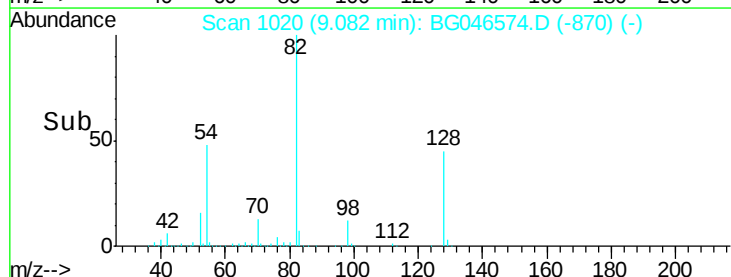
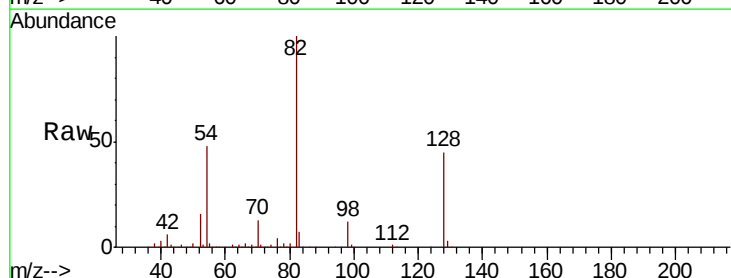
Instrument :
BNA_G
ClientSampleId :
PAV-B44-090820-GW

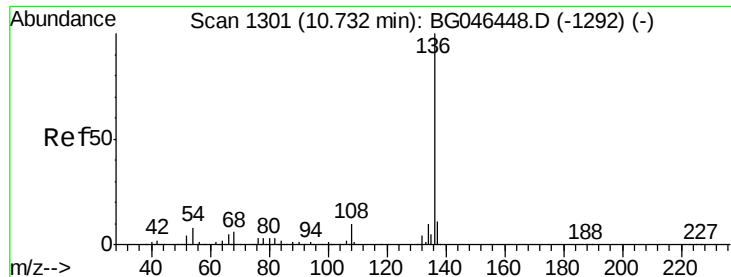
Tot Ion: 94 Resp: 13180
Ion Ratio Lower Upper
94 100
65 31.6 7.5 47.5
66 40.6 14.1 54.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.907 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Tgt Ion: 70 Resp: 49942
Ion Ratio Lower Upper
70 100
42 44.8 44.2 66.2
101 0.0 7.8 11.8#
130 2.3 18.2 27.4#

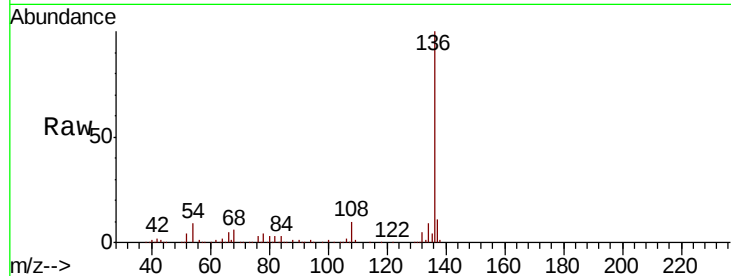




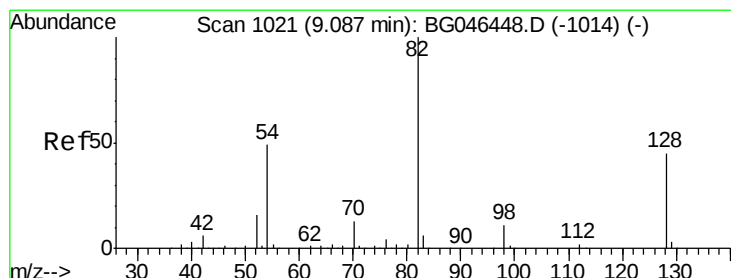
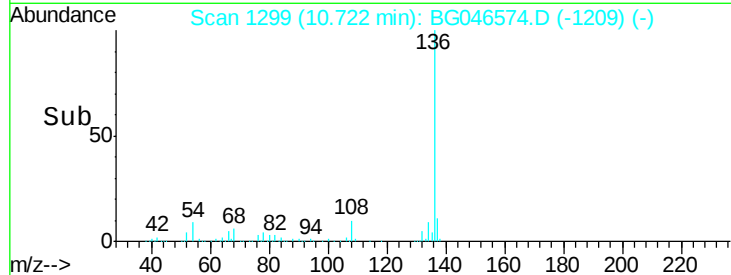
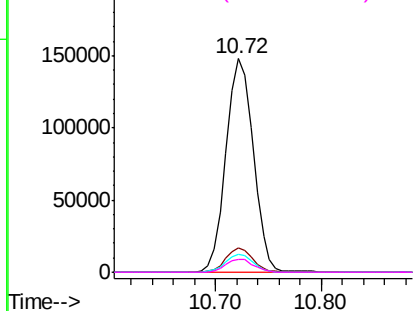
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090820-GW

Tot Ion:136	Resp:	265622
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	8.6	6.1 9.1
68	6.0	4.8 7.2

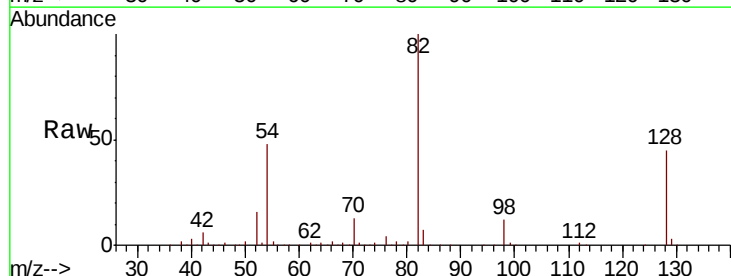


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

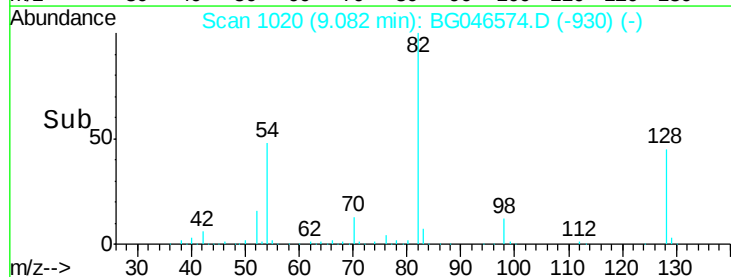
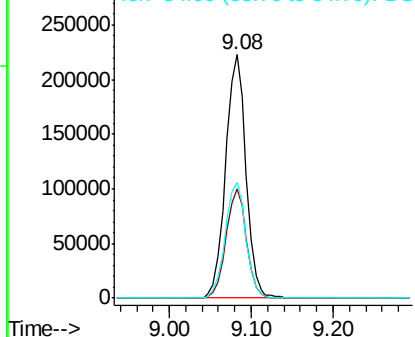


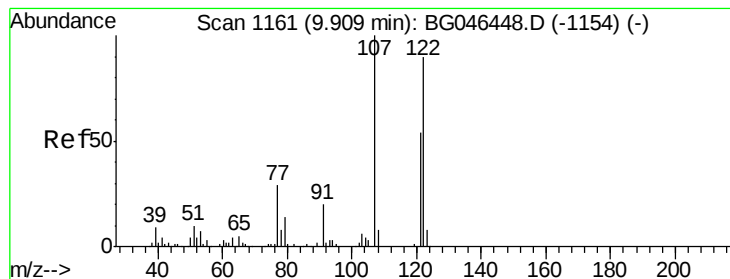
#23
Nitrobenzene-d5
Concen: 82.879 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Tgt Ion: 82	Resp:	385169
Ion	Ratio	Lower Upper
82	100	
128	44.8	35.7 53.5
54	47.6	39.4 59.0



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





#27

2,4-Dimethylphenol

Concen: 5.625 ng

RT: 10.06 min Scan# 1186

Delta R.T. 0.15 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

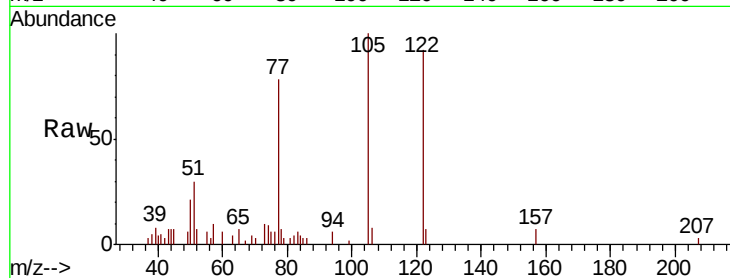
Tot Ion:122 Resp: 18743

Ion Ratio Lower Upper

122 100

107 0.0 88.2 132.2#

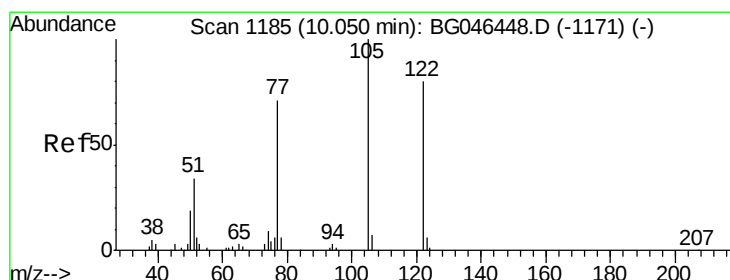
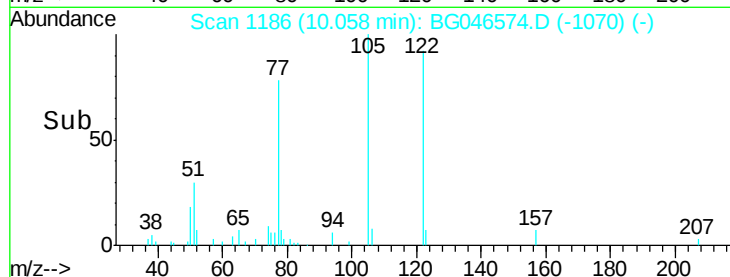
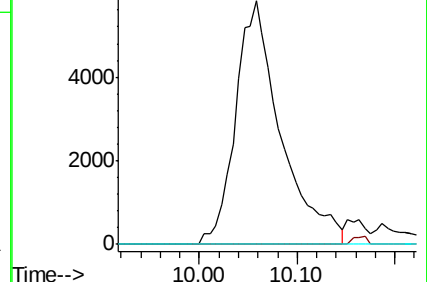
121 0.0 47.4 71.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 13.011 ng

RT: 10.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

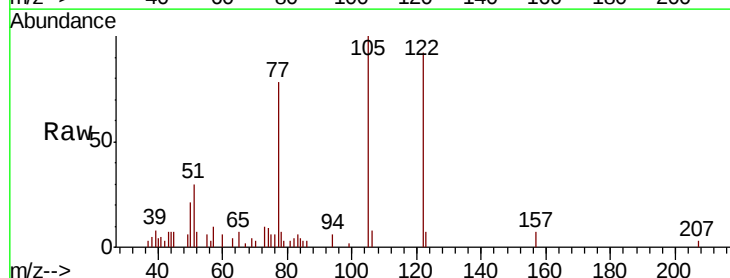
Tgt Ion:122 Resp: 18743

Ion Ratio Lower Upper

122 100

105 109.0 102.5 142.5

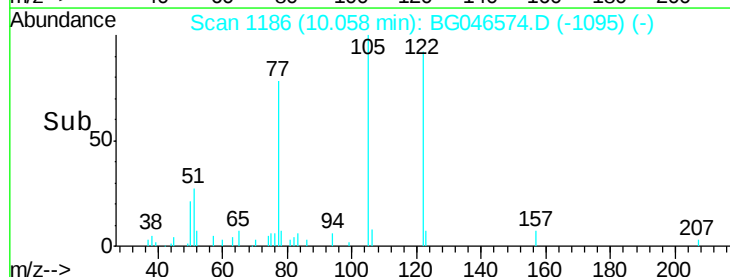
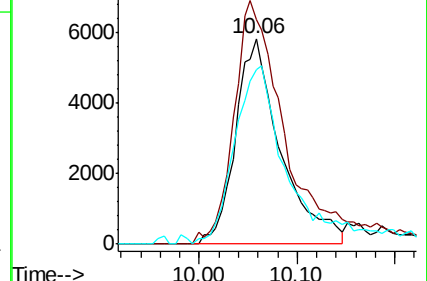
77 84.6 68.2 108.2

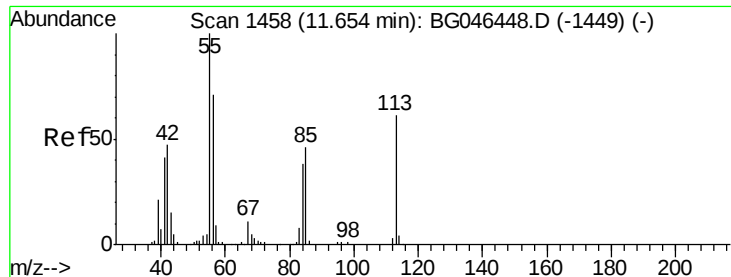


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





#35

Caprolactam

Concen: 39.737 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

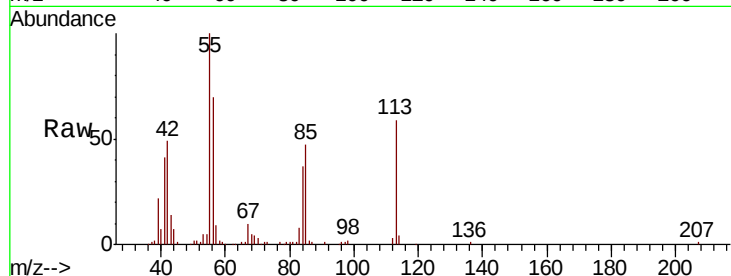
Tot Ion:113 Resp: 65974

Ion Ratio Lower Upper

113 100

55 170.7 144.2 184.2

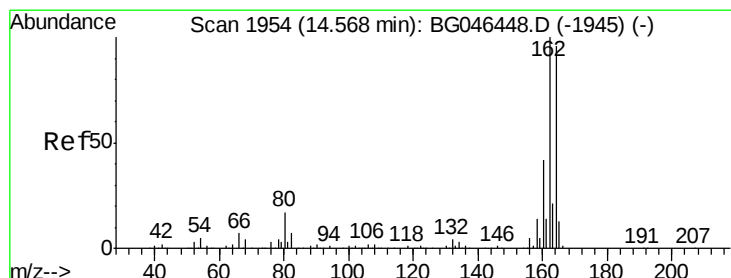
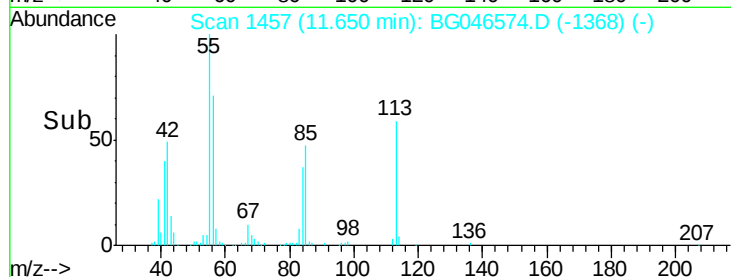
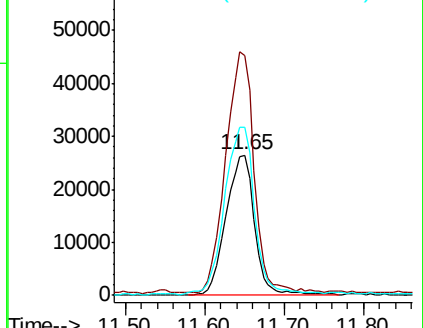
56 120.0 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

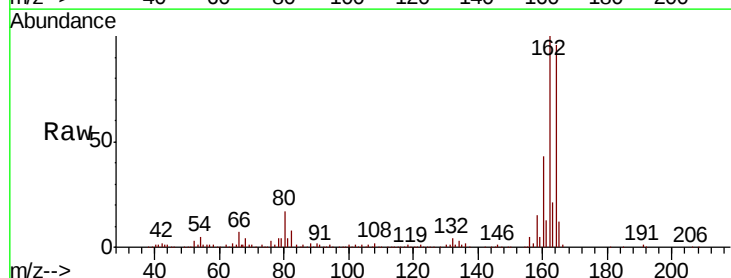
Tgt Ion:164 Resp: 173602

Ion Ratio Lower Upper

164 100

162 104.0 83.3 124.9

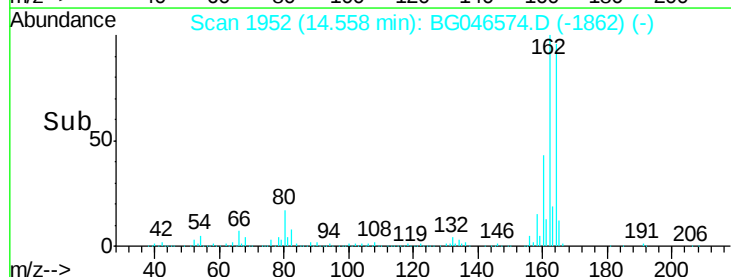
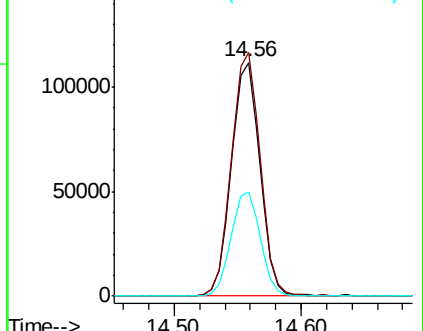
160 44.7 35.0 52.6

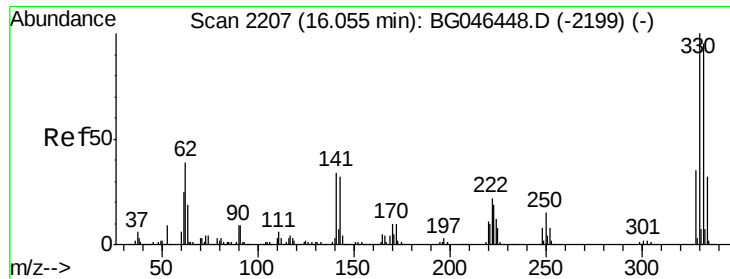


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

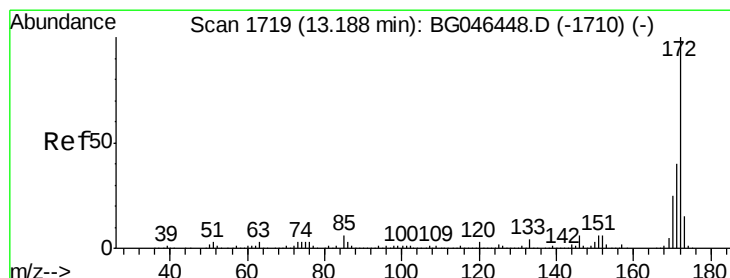
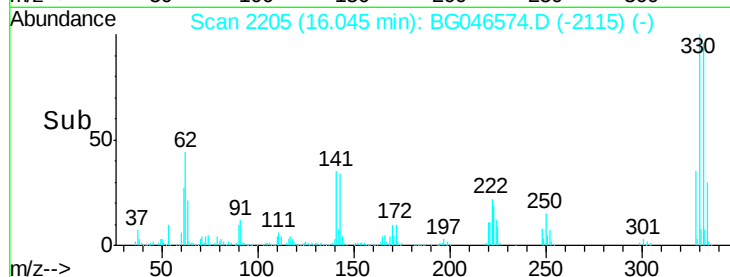
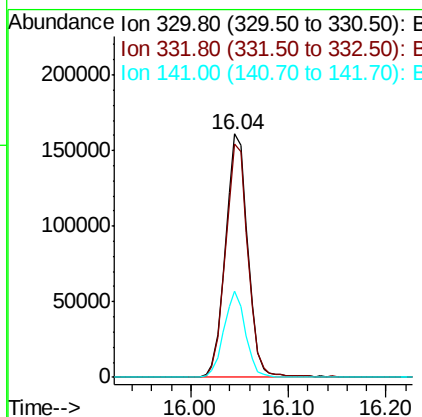
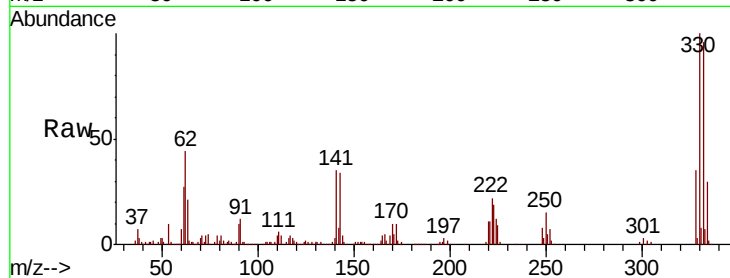




#42
 2,4,6-Tribromophenol
 Concen: 108.548 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046574.D
 Acq: 9 Sep 2020 15:56

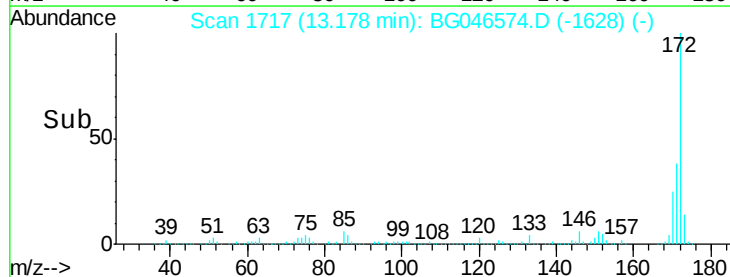
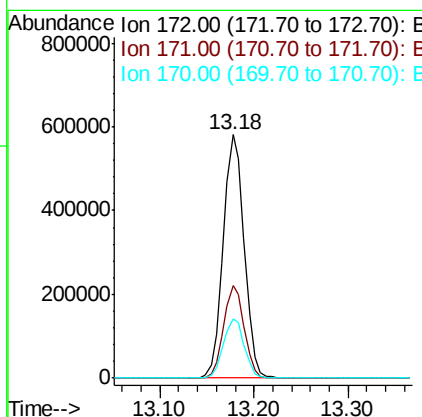
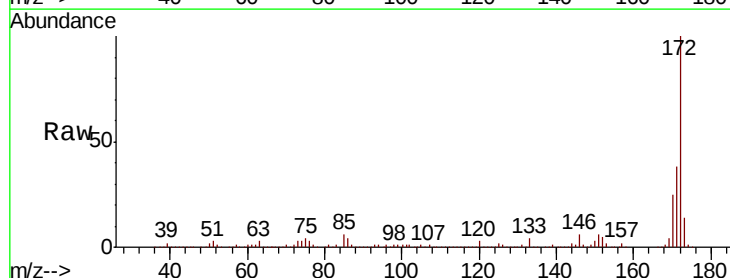
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090820-GW

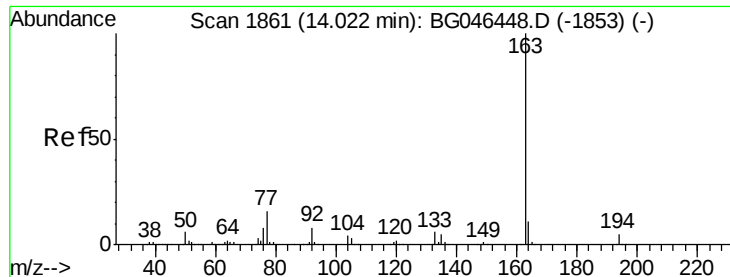
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	34.2	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 79.334 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046574.D
 Acq: 9 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.8	47.6
170	24.6	20.3	30.5





#50

Dimethylphthalate

Concen: 5.076 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

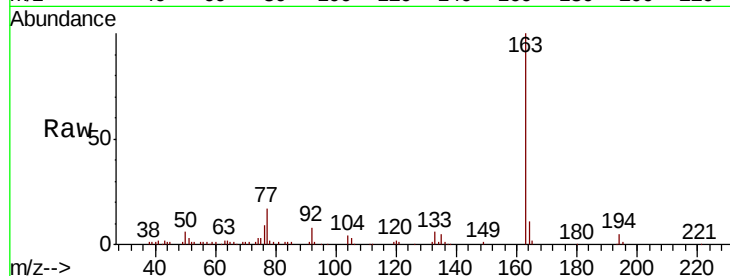
Tot Ion:163 Resp: 68181

Ion Ratio Lower Upper

163 100

194 5.2 3.7 5.5

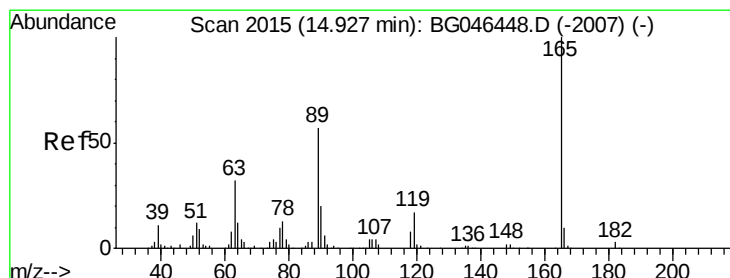
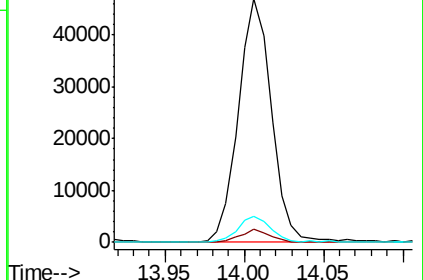
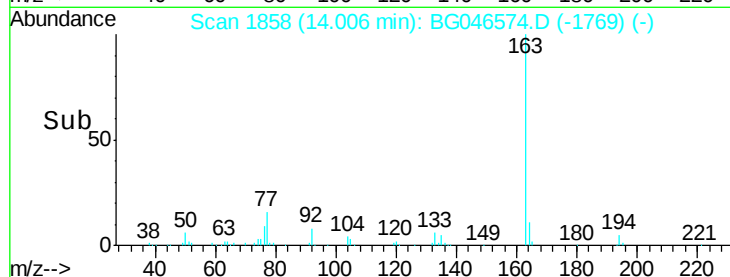
164 10.5 8.6 12.8



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: 5.516 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.37 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Tgt Ion:165 Resp: 23287

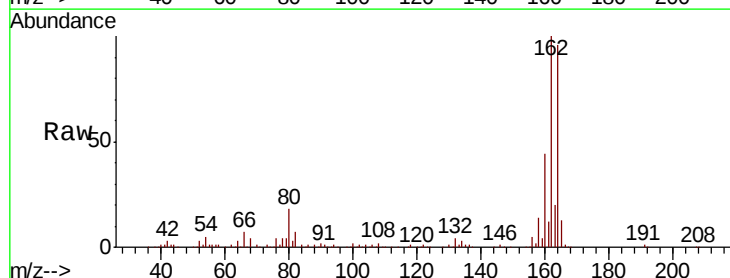
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.4 45.9 68.9#

182 0.0 2.3 3.5#

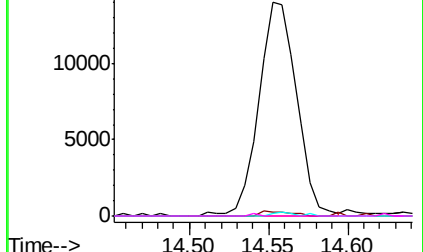
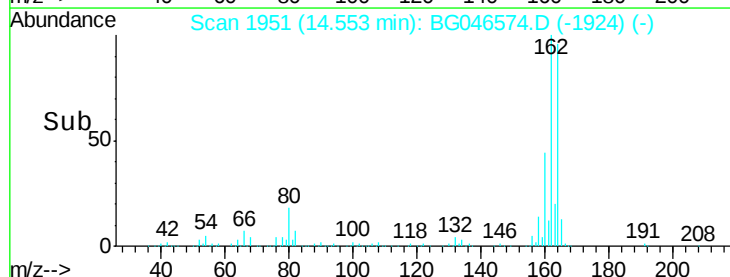


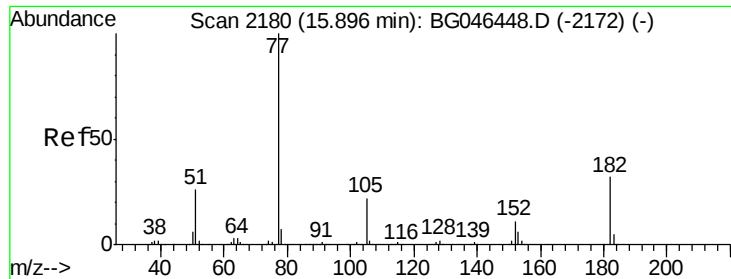
Abundance Ion 165.00 (164.70 to 165.70): E

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

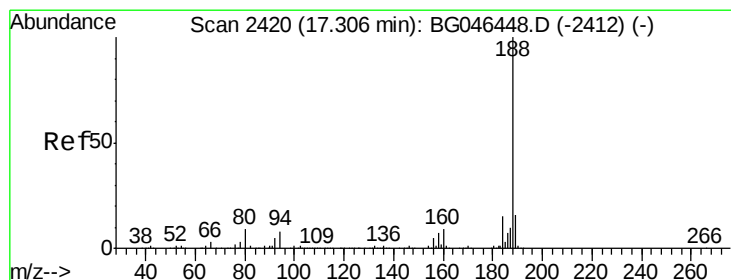
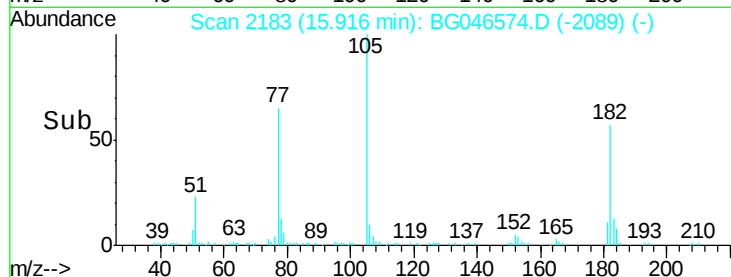
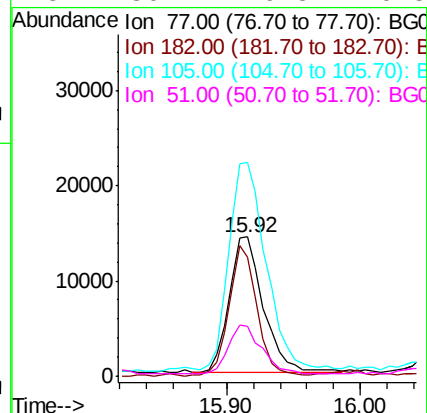
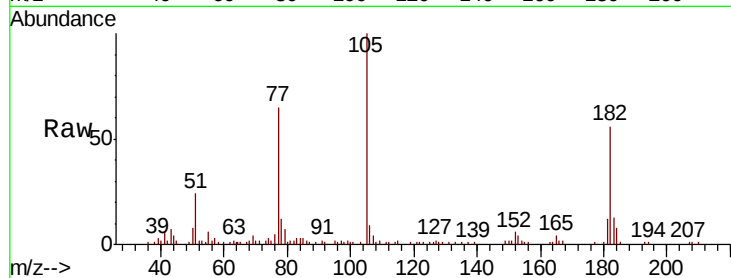




#63
Azobenzene
Concen: 2.414 ng
RT: 15.92 min Scan# 2183
Delta R.T. 0.02 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

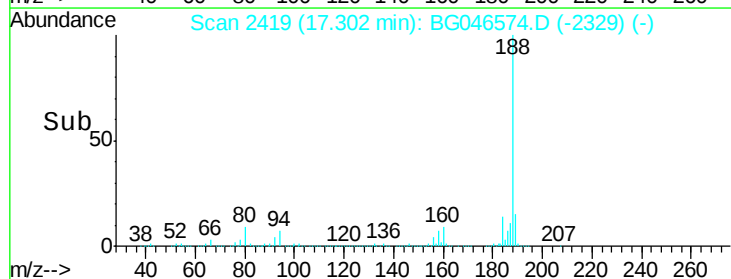
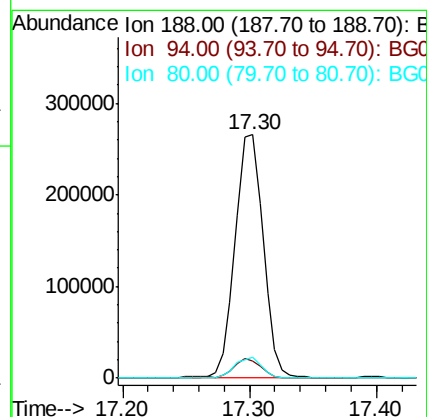
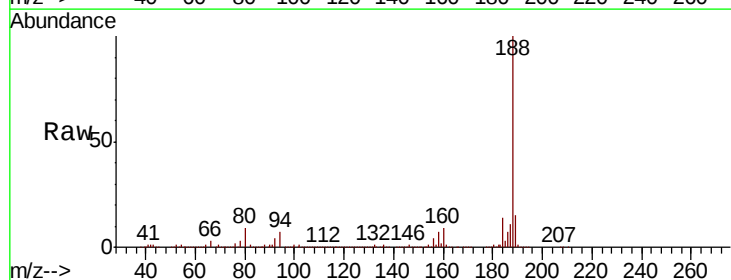
Instrument :
BNA_G
ClientSampleId :
PAV-B44-090820-GW

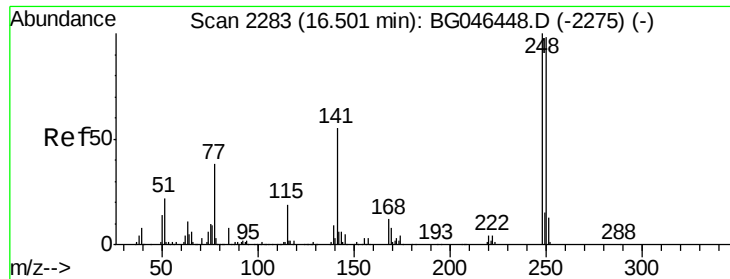
Tot Ion: 77 Resp: 25719
Ion Ratio Lower Upper
77 100
182 85.6 12.3 52.3#
105 153.5 2.3 42.3#
51 36.2 6.5 46.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Tgt Ion: 188 Resp: 408409
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 8.6 6.9 10.3

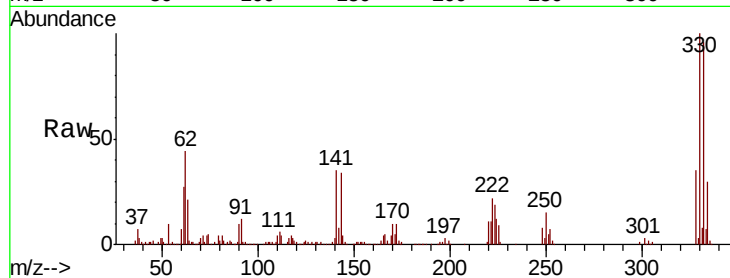




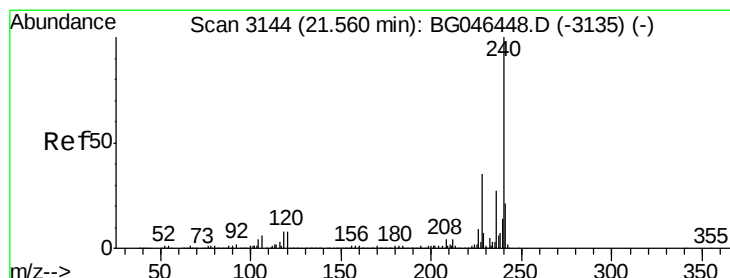
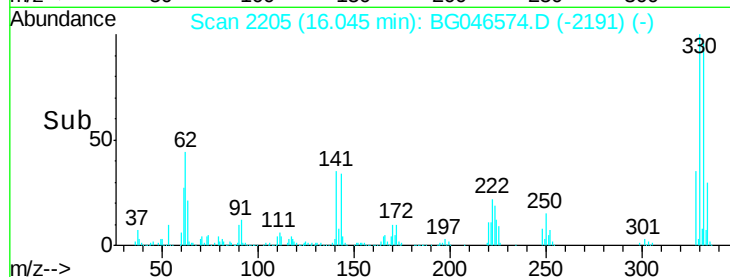
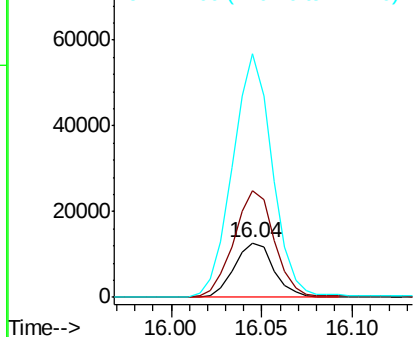
#67
4-Bromophenyl-phenylether
Concen: 4.033 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090820-GW

Tot Ion:248 Resp: 19215
Ion Ratio Lower Upper
248 100
250 196.3 78.6 118.0#
141 449.2 43.9 65.9#

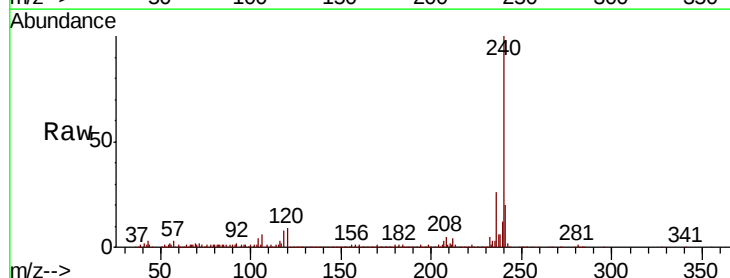


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

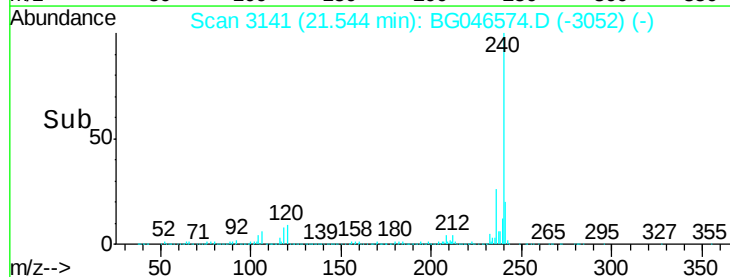
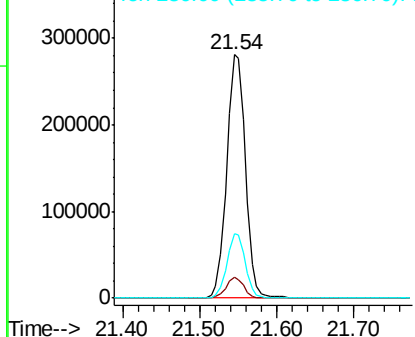


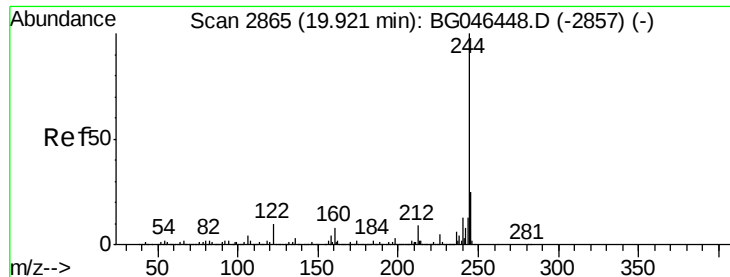
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046574.D
Acq: 9 Sep 2020 15:56

Tgt Ion:240 Resp: 476444
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 26.2 21.4 32.2



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: 68.283 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090820-GW

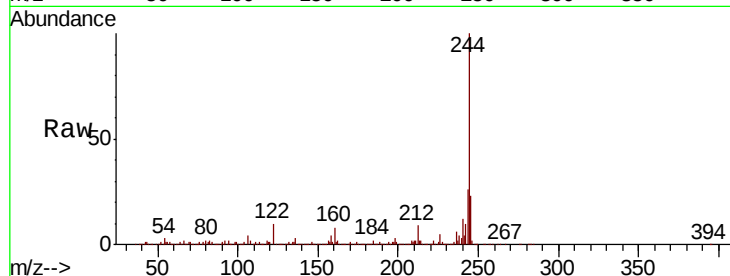
Tot Ion:244 Resp: 1528685

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

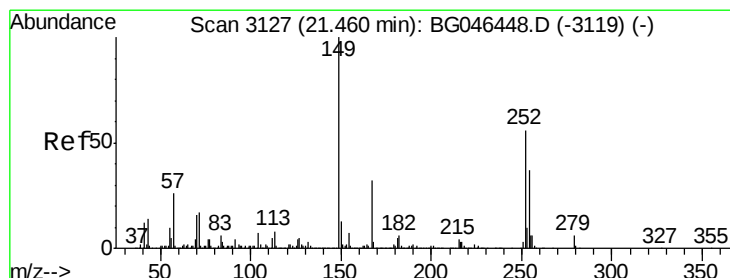
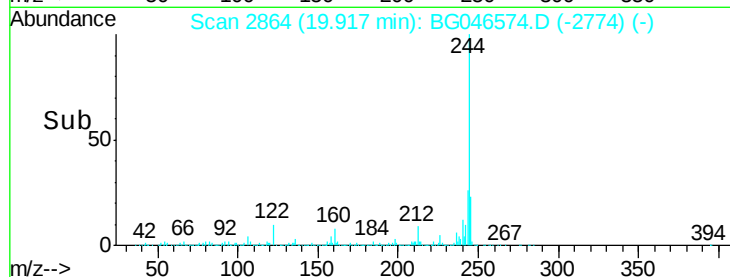
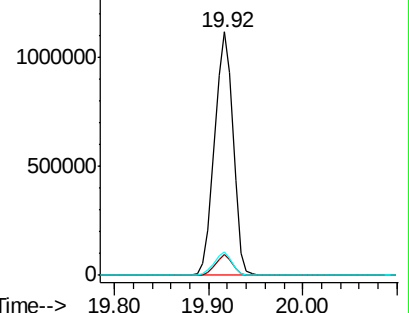
122 9.6 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.502 ng

RT: 21.28 min Scan# 3096

Delta R.T. -0.17 min

Lab File: BG046574.D

Acq: 9 Sep 2020 15:56

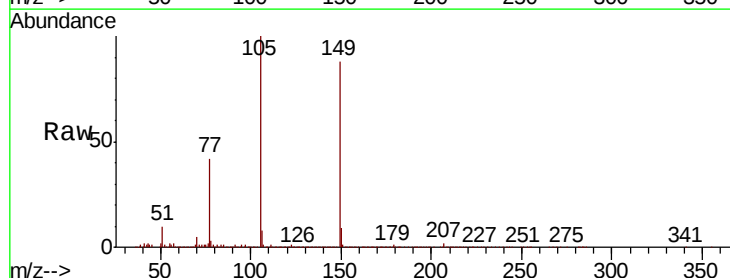
Tgt Ion:149 Resp: 508751

Ion Ratio Lower Upper

149 100

167 0.2 25.4 38.2#

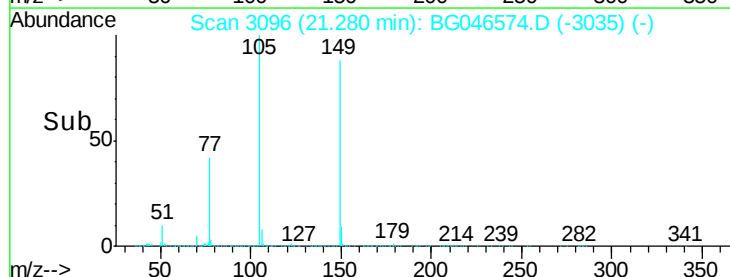
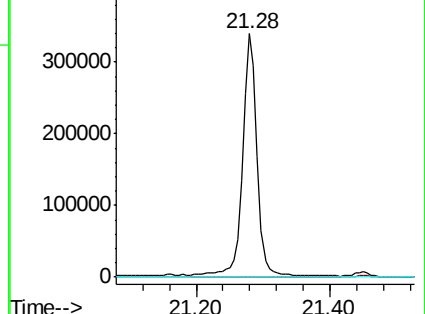
279 0.0 4.5 6.7#

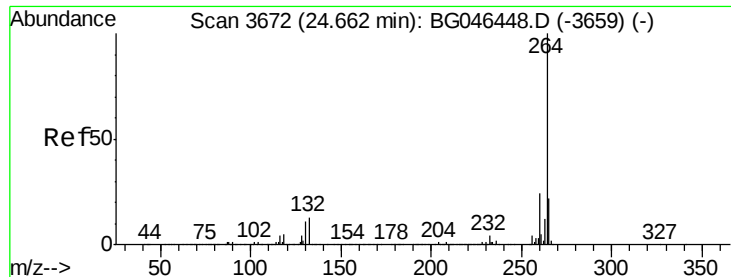


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BG046574.D
 Acq: 9 Sep 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090820-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.9	26.9

