

Data File : BG044079.D
Acq On : 17 Jan 2020 18:00
Operator : JU
Sample : L1125-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

Quant Time: Jan 18 03:10:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	72656	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	317754	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	228928	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	500318	20.00	ng	-0.02
76) Chrysene-d12	21.55	240	425588	20.00	ng	-0.03
87) Perylene-d12	24.67	264	475829	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	276459	69.87	ng	-0.03
7) Phenol-d6	7.10	99	232798	42.09	ng	-0.02
23) Nitrobenzene-d5	9.09	82	472827	79.60	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	344111	143.64	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1149911	91.01	ng	-0.03
79) Terphenyl-d14	19.93	244	1791218	108.91	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	302	0.175	ng	# 1
3) Pyridine	3.83	79	55	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.75	42	152	0.067	ng	# 1
6) Aniline	7.33	93	71	0.010	ng	# 43
8) 2-Chlorophenol	7.50	128	56	0.012	ng	# 1
9) Benzaldehyde	7.07	77	296	0.084	ng	# 35
10) Phenol	7.13	94	12827	2.251	ng	# 94
11) bis(2-Chloroethyl)ether	7.33	93	71	0.014	ng	# 21
15) Benzyl Alcohol	8.26	79	7497	1.717	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	8.30	45	66	0.009	ng	# 68
19) n-Nitroso-di-n-propylamine	9.09	70	61667	14.971	ng	# 80
22) Acetophenone	8.75	105	4677	0.592	ng	# 90
24) Nitrobenzene	9.09	77	1620	0.275	ng	# 30
25) Isophorone	9.65	82	120	0.011	ng	# 65
37) 2-Methylnaphthalene	12.61	142	219	0.019	ng	# 62
38) 1-Methylnaphthalene	12.61	142	219	0.020	ng	# 71
46) 1,1'-Biphenyl	13.41	154	3054	0.186	ng	# 94
48) 2-Nitroaniline	14.02	65	1022	0.240	ng	# 1
49) Acenaphthylene	13.95	152	63	0.003	ng	# 56
50) Dimethylphthalate	14.02	163	128548	7.908	ng	# 97
51) 2,6-Dinitrotoluene	14.02	165	1313	0.357	ng	# 27
52) Acenaphthene	14.63	154	61	0.005	ng	# 60
55) Dibenzofuran	14.97	168	774	0.042	ng	# 43
56) 4-Nitrophenol	14.97	139	135	0.042	ng	# 8
57) 2,4-Dinitrotoluene	14.57	165	29737	5.948	ng	# 26
58) Fluorene	15.62	166	767	0.053	ng	# 76
60) Diethylphthalate	15.39	149	1134	0.070	ng	# 56
63) Azobenzene	15.92	77	193	0.013	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.06	198	1127	4.787	ng	# 1
66) n-Nitrosodiphenylamine	16.06	169	12800	0.869	ng	# 47
67) 4-Bromophenyl-phenylether	16.06	248	24278	4.315	ng	# 1
71) Phenanthrene	17.35	178	5734	0.239	ng	# 95
72) Anthracene	17.45	178	1145	0.048	ng	# 61
73) Carbazole	17.72	167	329	0.015	ng	# 54

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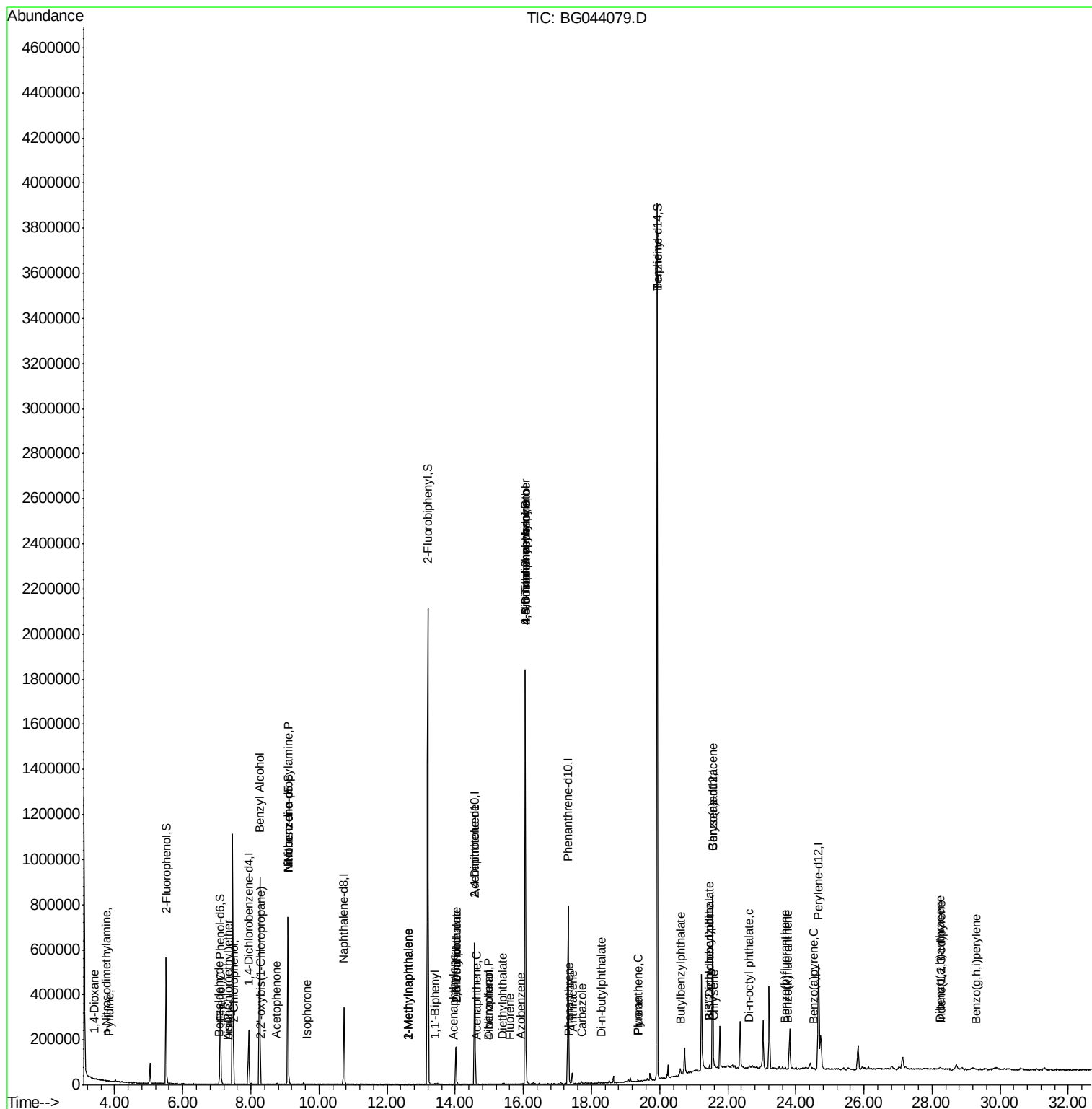
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Di-n-butylphthalate	18.28	149	2997	0.107	ng	# 90
75) Fluoranthene	19.37	202	2289	0.083	ng	93
77) Benzidine	19.93	184	31754	2.968	ng	# 92
78) Pyrene	19.37	202	2289	0.082	ng	97
80) Butylbenzylphthalate	20.62	149	2925	0.221	ng	# 92
81) Benzo(a)anthracene	21.55	228	3793	0.144	ng	# 84
82) 3,3'-Dichlorobenzidine	21.47	252	657	0.063	ng	# 14
83) Chrysene	21.60	228	2498	0.100	ng	# 89
84) Bis(2-ethylhexyl)phthalate	21.46	149	9154	0.502	ng	# 84
85) Di-n-octyl phthalate	22.63	149	4226	0.138	ng	# 74
86) Indeno(1,2,3-cd)pyrene	28.26	276	292	0.009	ng	# 71
88) Benzo(b)fluoranthene	23.68	252	3809	0.135	ng	# 91
89) Benzo(k)fluoranthene	23.76	252	2410	0.090	ng	# 72
90) Benzo(a)pyrene	24.52	252	3468	0.131	ng	# 69
91) Dibenzo(a,h)anthracene	28.25	278	683	0.026	ng	# 36
92) Benzo(g,h,i)perylene	29.29	276	2018	0.076	ng	# 68

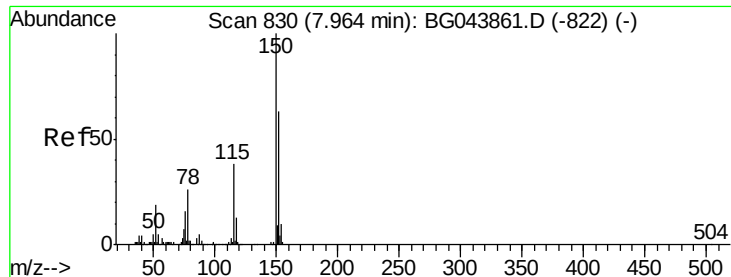
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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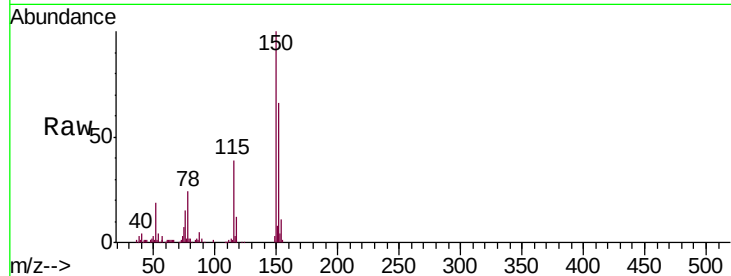


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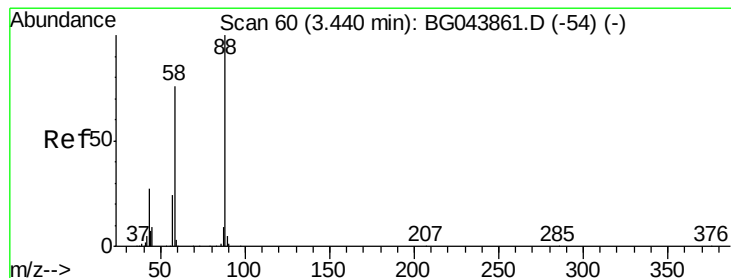
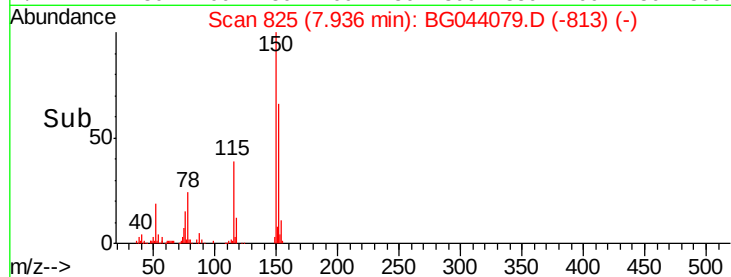
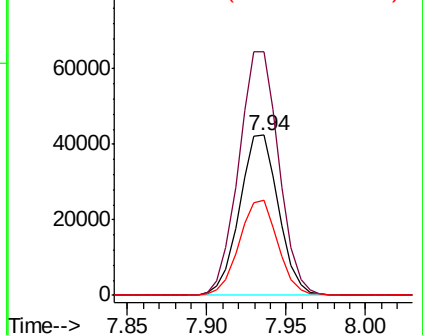
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BG044079.D
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Instrument :
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 ClientSampleId :
 FEQCFB-01-14-20

Tgt Ion:152 Resp: 72656
 Ion Ratio Lower Upper
 152 100
 150 151.9 127.0 190.4
 115 59.1 47.8 71.8



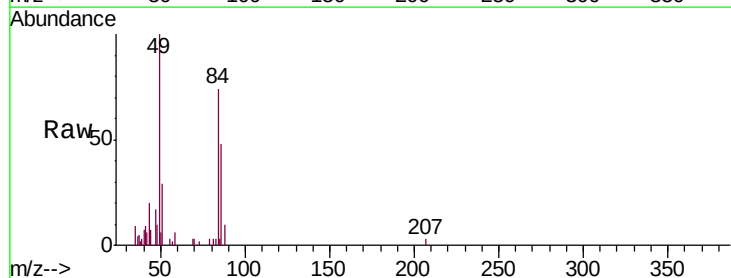
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



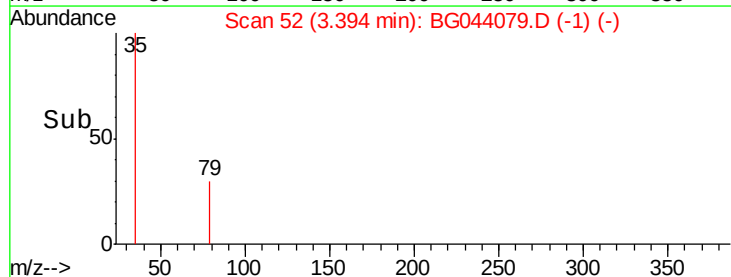
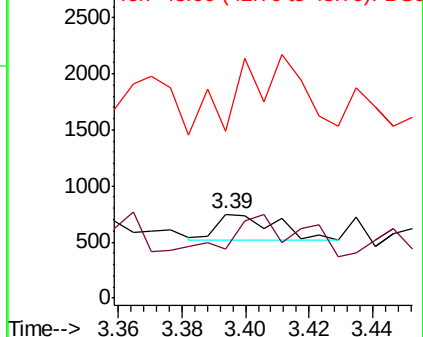
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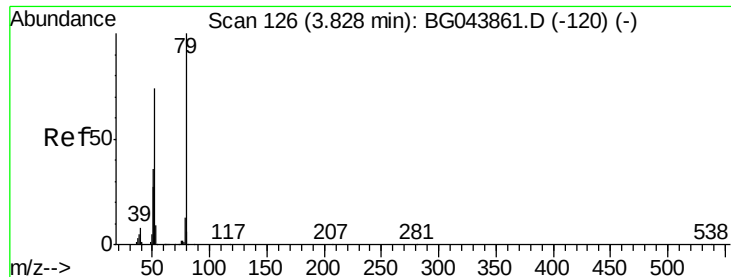
1,4-Dioxane
 Concen: 0.175 ng
 RT: 3.39 min Scan# 52
 Delta R.T. -0.05 min
 Lab File: BG044079.D
 Acq: 17 Jan 2020 18:00

Tgt Ion: 88 Resp: 302
 Ion Ratio Lower Upper
 88 100
 58 191.4 59.8 89.8#
 43 0.0 22.9 34.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.011 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

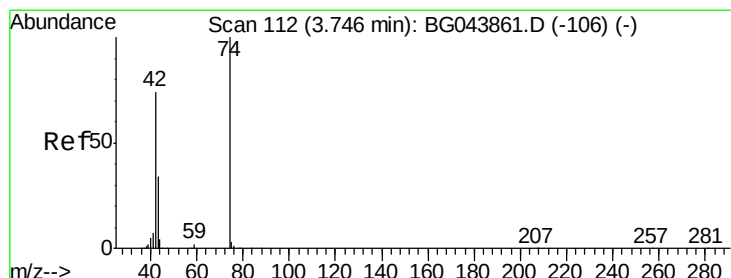
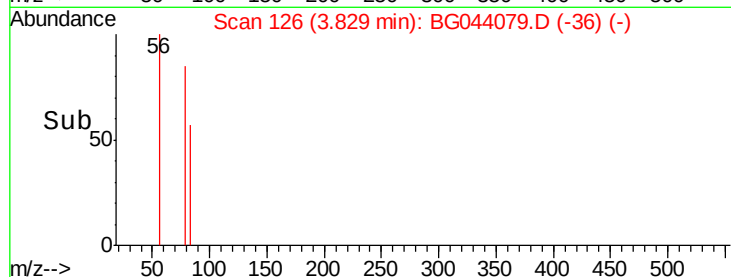
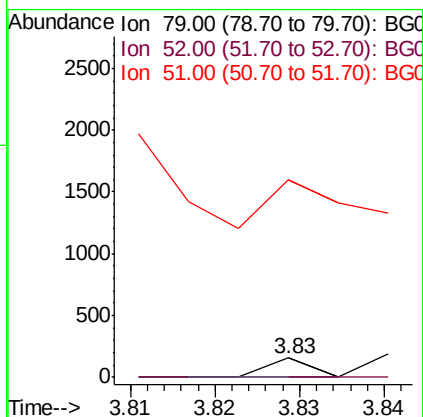
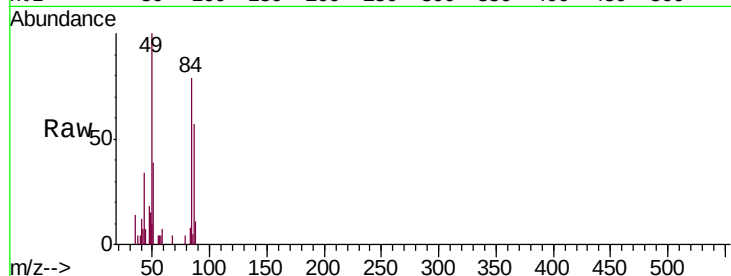
Tgt Ion: 79 Resp: 55

Ion Ratio Lower Upper

79 100

52 0.0 58.9 88.3#

51 1033.5 28.6 43.0#



#4

n-Nitrosodimethylamine

Concen: 0.067 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

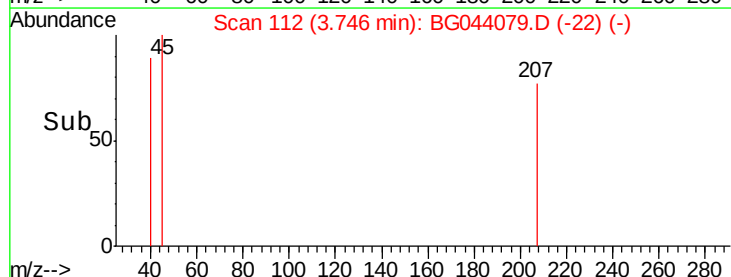
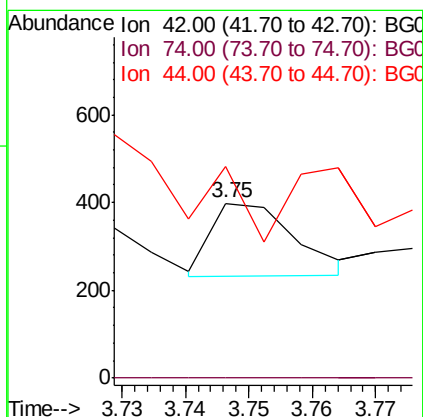
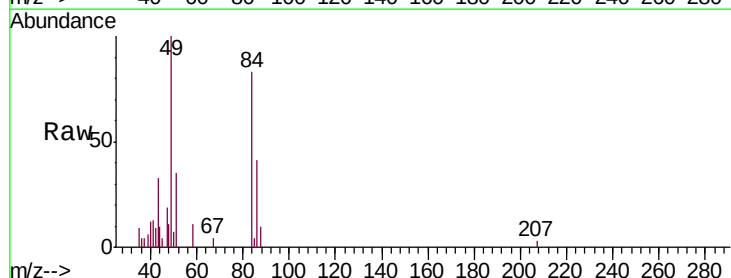
Tgt Ion: 42 Resp: 152

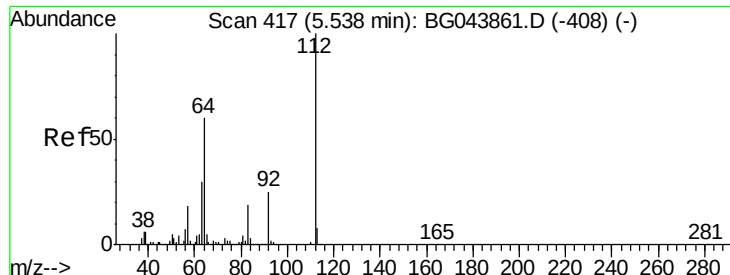
Ion Ratio Lower Upper

42 100

74 0.0 108.6 162.8#

44 120.6 5.0 7.6#





#5

2-Fluorophenol

Concen: 69.865 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

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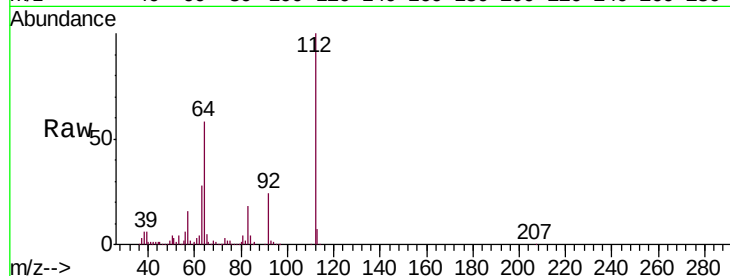
Tgt Ion: 112 Resp: 276459

Ion Ratio Lower Upper

112 100

64 57.7 47.8 71.6

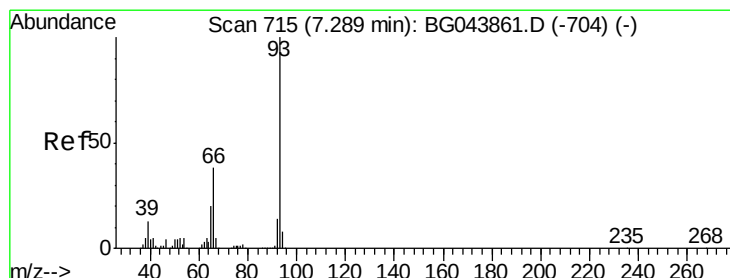
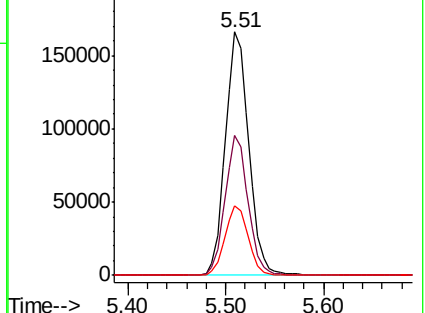
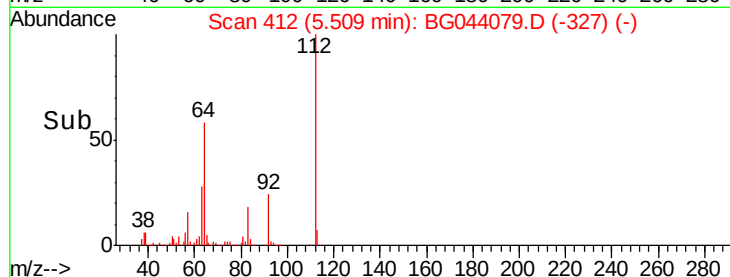
63 28.5 24.3 36.5



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



#6

Aniline

Concen: 0.010 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.04 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

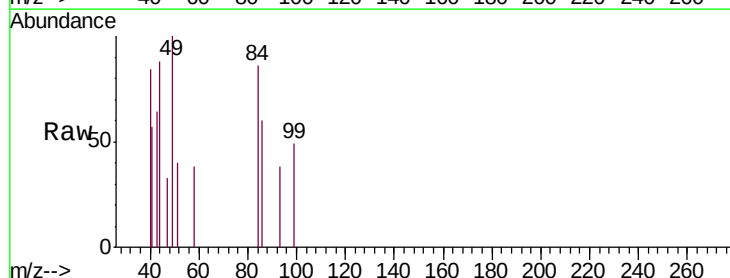
Tgt Ion: 93 Resp: 71

Ion Ratio Lower Upper

93 100

66 0.0 30.8 46.2#

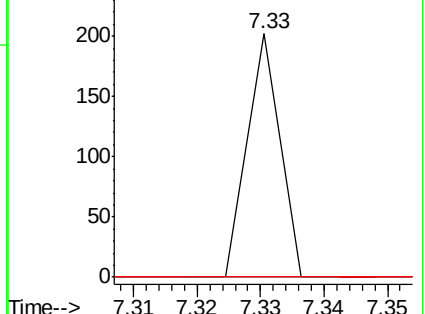
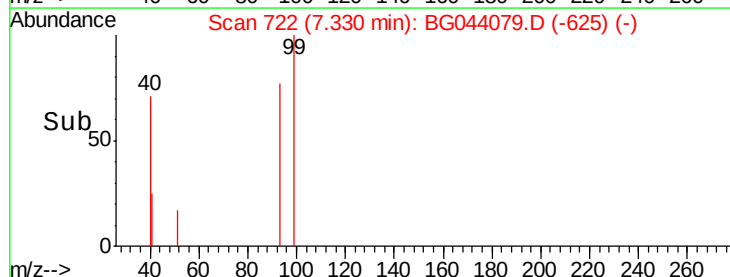
65 0.0 16.0 24.0#

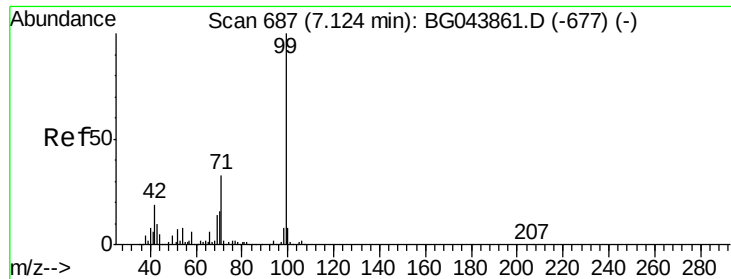


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 42.088 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

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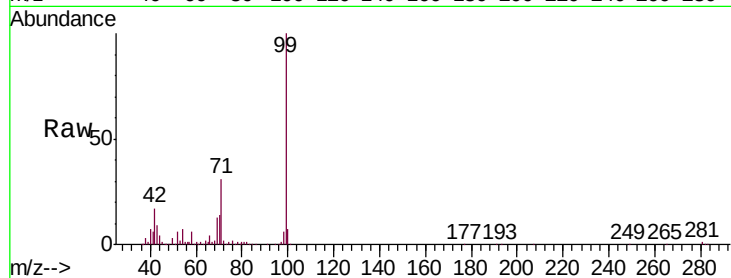
Tgt Ion: 99 Resp: 232798

Ion Ratio Lower Upper

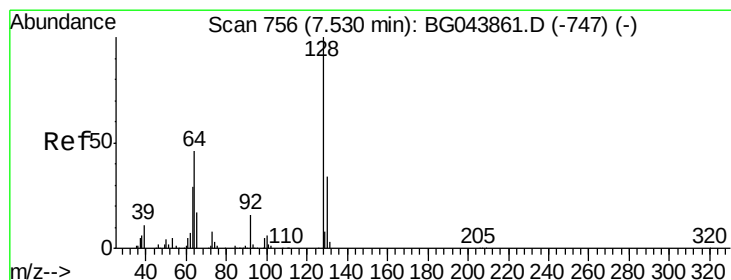
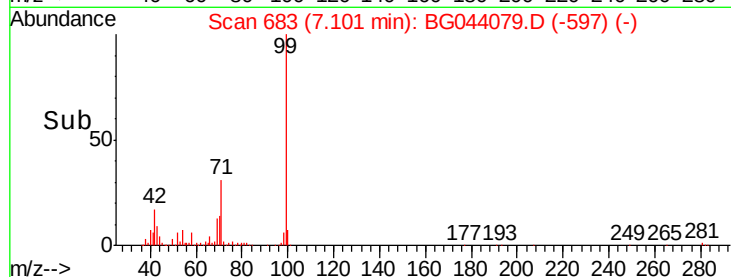
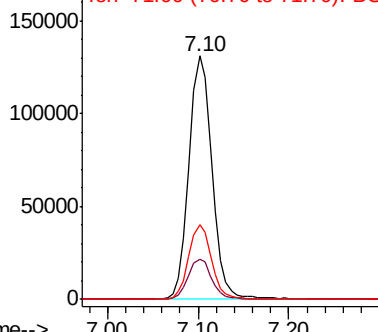
99 100

42 16.5 14.9 22.3

71 30.7 26.4 39.6



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



#8

2-Chlorophenol

Concen: 0.012 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

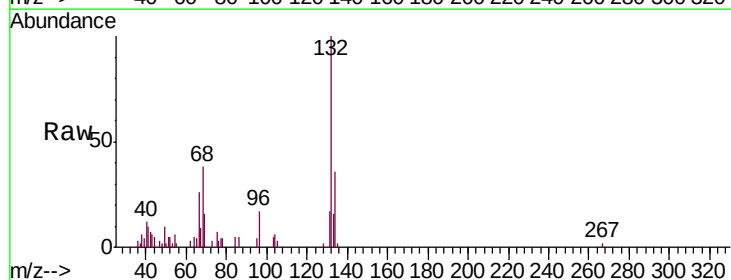
Tgt Ion: 128 Resp: 56

Ion Ratio Lower Upper

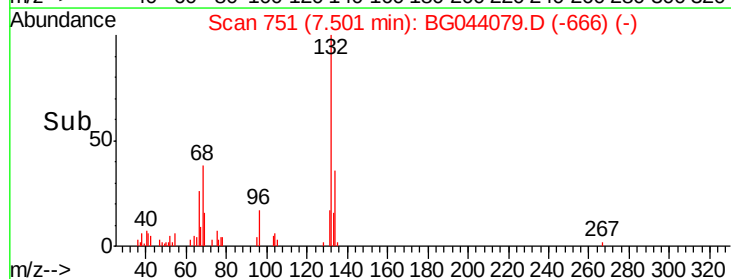
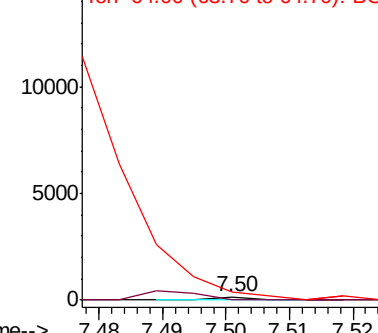
128 100

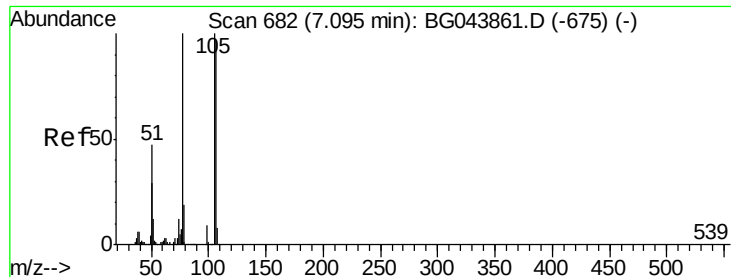
130 0.0 13.8 53.8#

64 222.5 27.6 67.6#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.084 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

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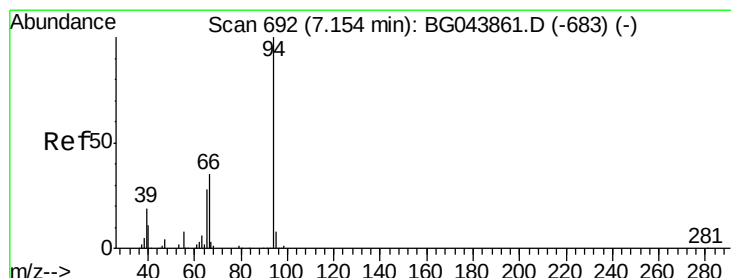
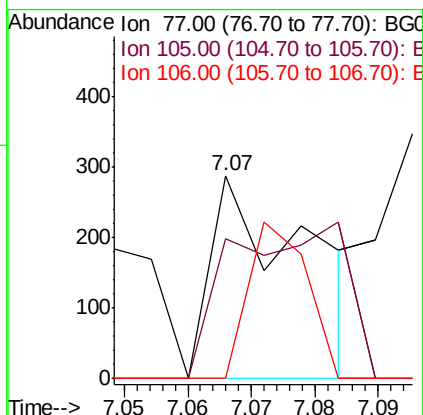
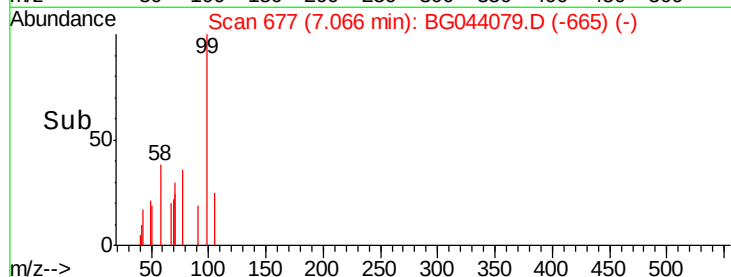
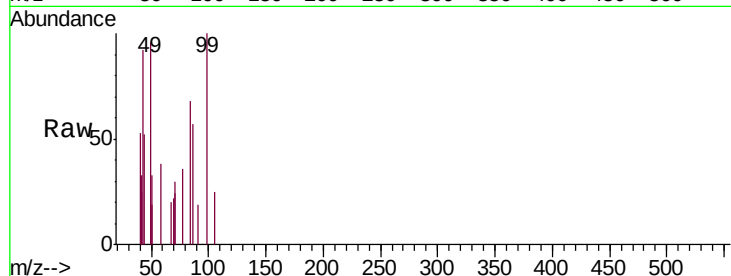
Tgt Ion: 77 Resp: 296

Ion Ratio Lower Upper

77 100

105 68.7 80.2 120.2#

106 0.0 77.2 117.2#



#10

Phenol

Concen: 2.251 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

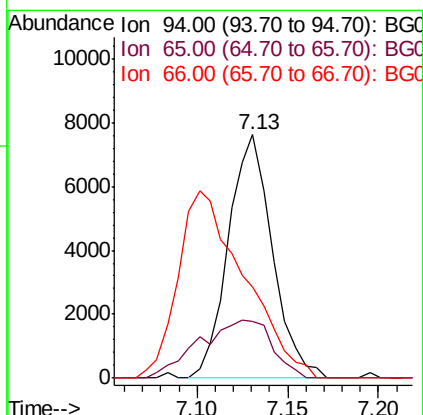
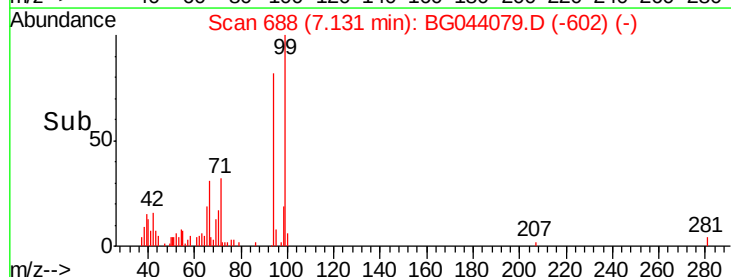
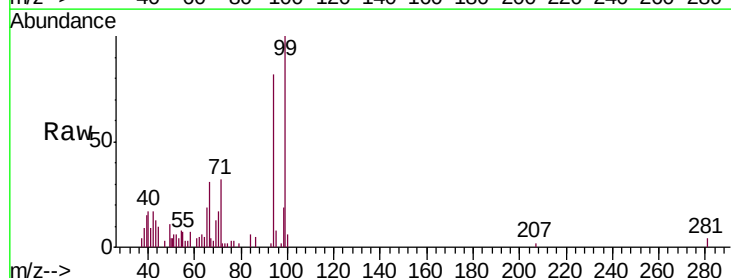
Tgt Ion: 94 Resp: 12827

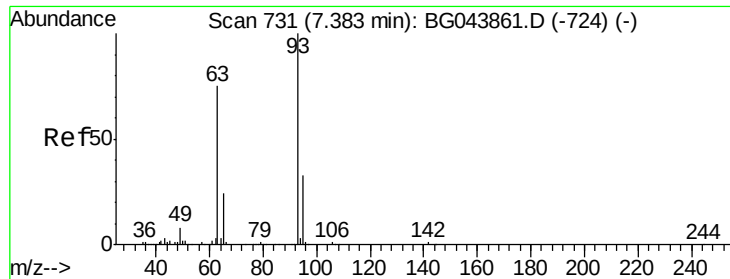
Ion Ratio Lower Upper

94 100

65 23.4 8.1 48.1

66 37.7 15.6 55.6

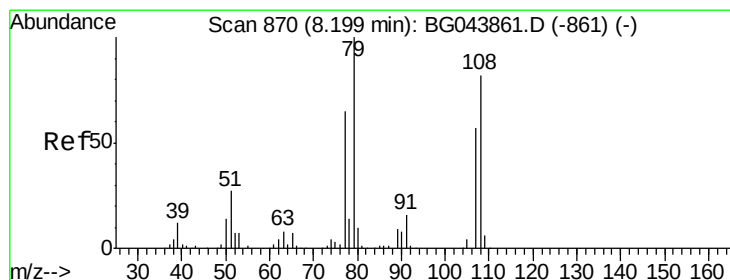
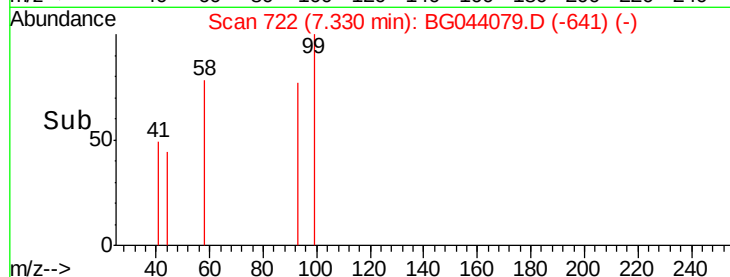
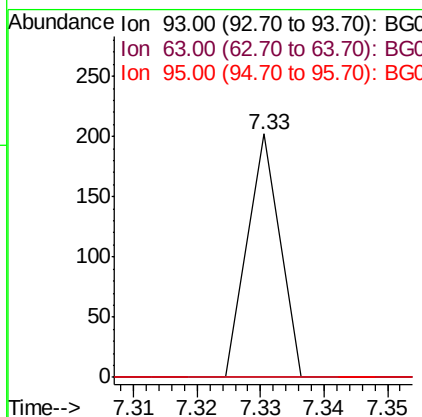
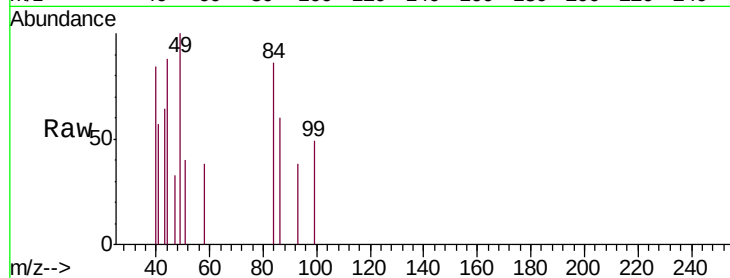




#11
bis(2-Chloroethyl)ether
Concen: 0.014 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.05 min
Lab File: BG044079.D
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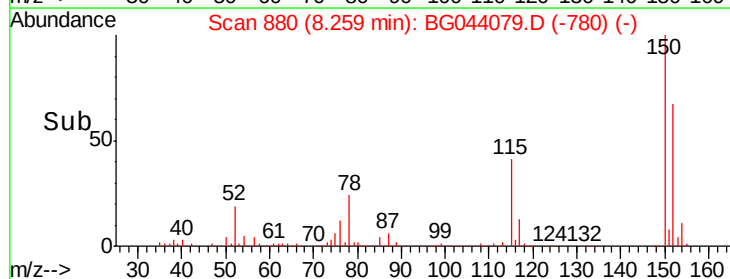
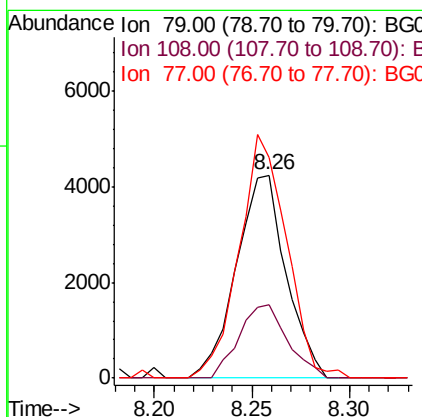
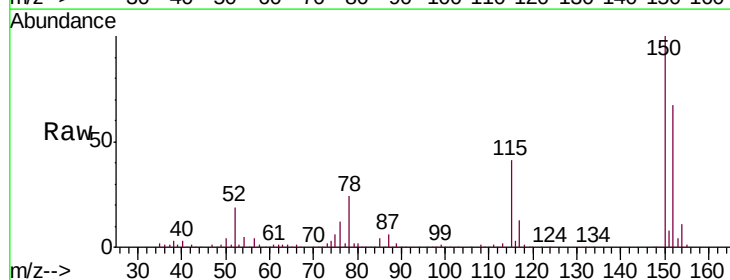
Instrument :
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ClientSampleId :
FEQCFB-01-14-20

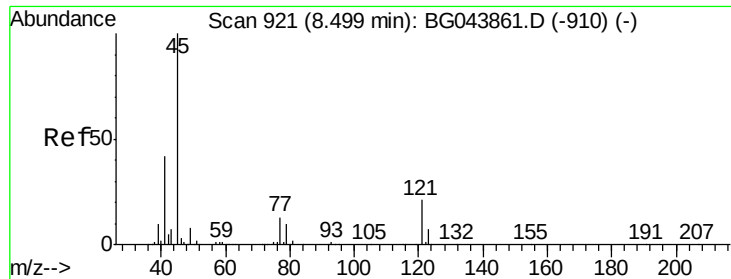
Tgt Ion: 93 Resp: 71
Ion Ratio Lower Upper
93 100
63 0.0 55.0 95.0#
95 0.0 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.717 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.06 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion: 79 Resp: 7497
Ion Ratio Lower Upper
79 100
108 36.3 65.6 98.4#
77 108.4 52.0 78.0#

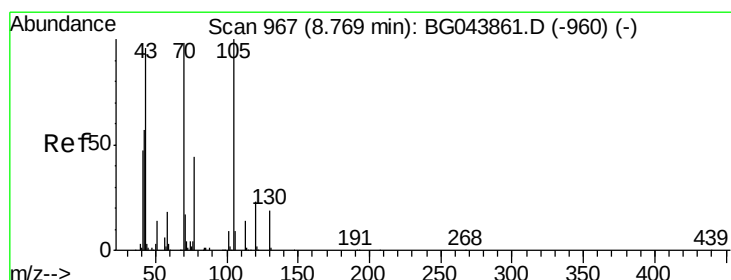
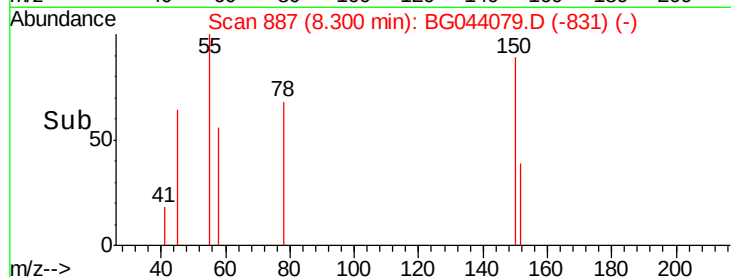
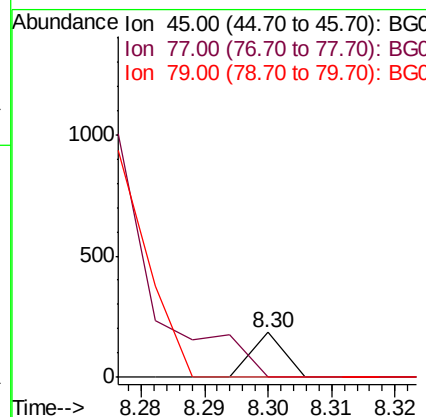
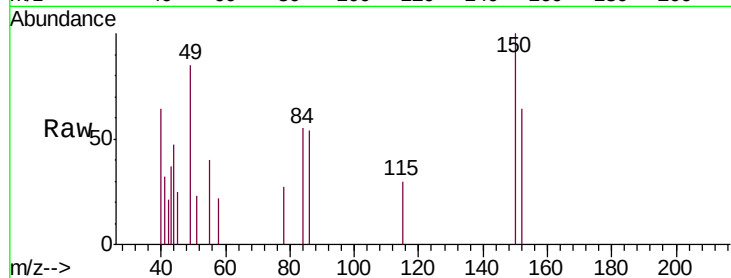




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.009 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.20 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

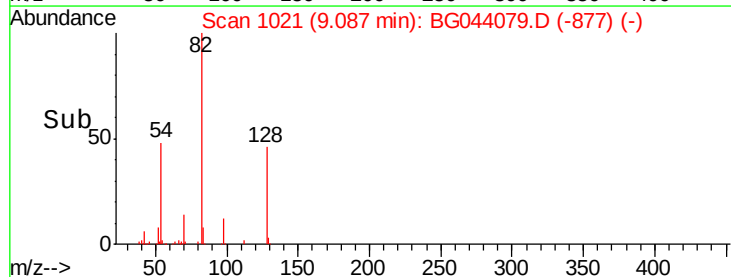
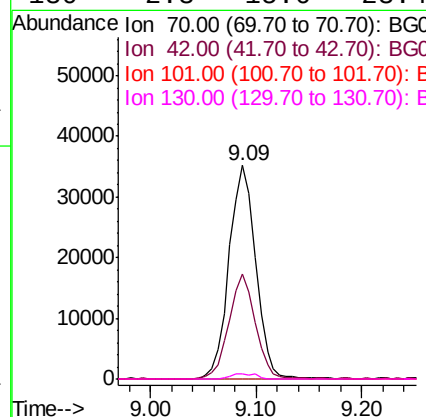
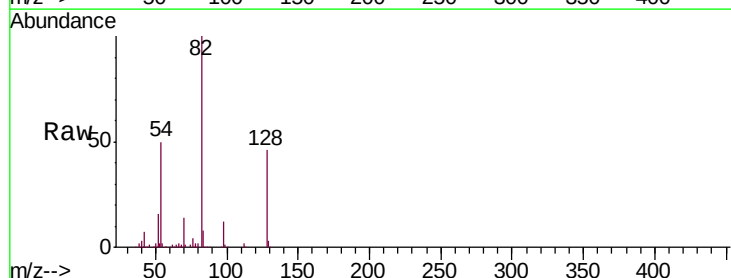
Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

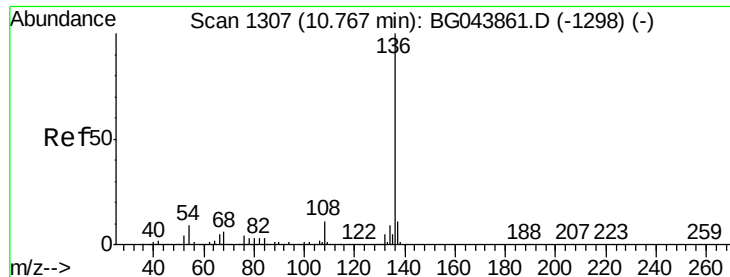
Tgt Ion: 45 Resp: 66
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.8
79 0.0 0.0 31.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.971 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion: 70 Resp: 61667
Ion Ratio Lower Upper
70 100
42 49.0 47.0 70.4
101 0.0 7.2 10.8#
130 2.3 15.6 23.4#

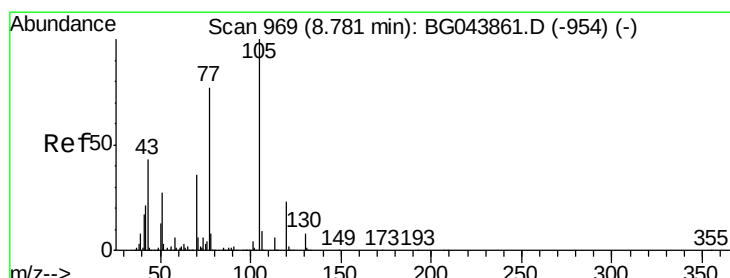
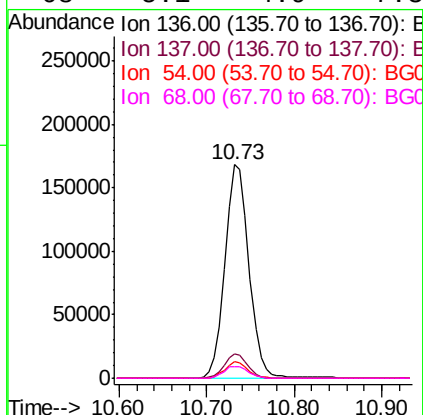
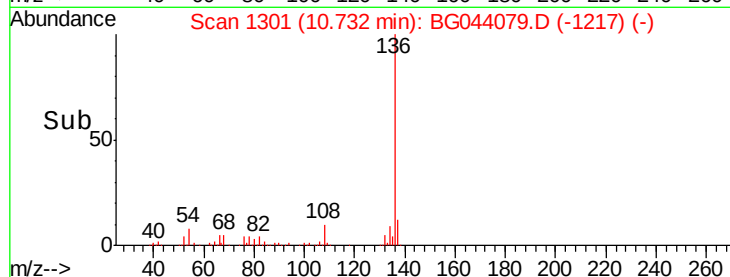
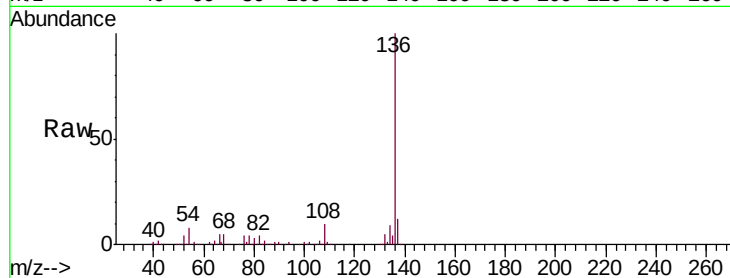




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

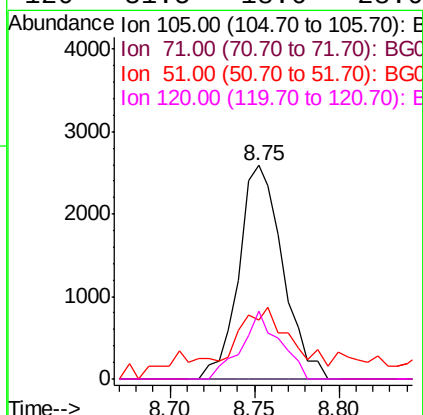
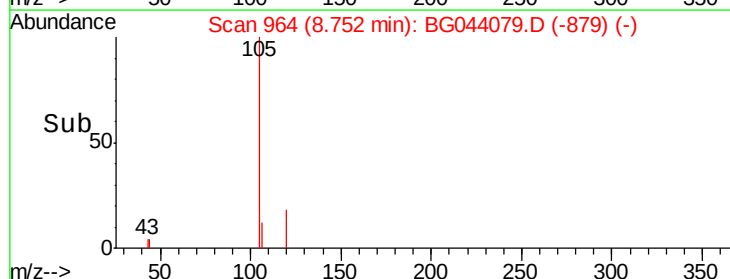
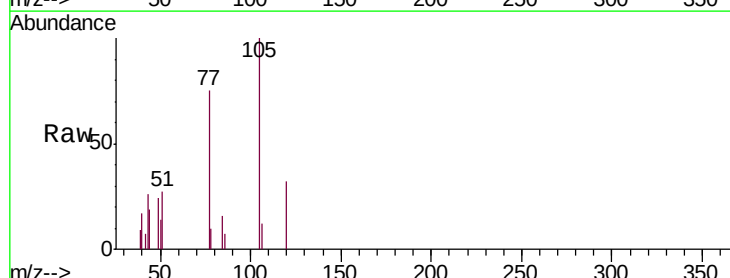
Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

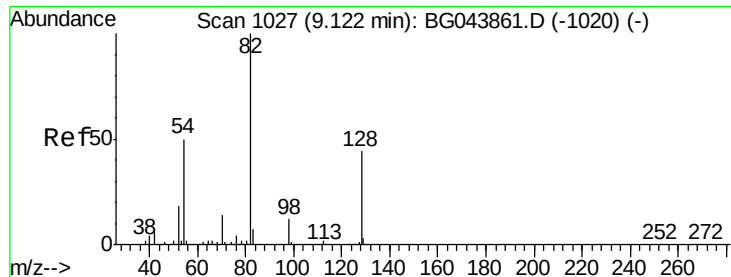
Tgt Ion:	136	Resp:	317754
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	7.8	7.0	10.4
68	5.1	4.9	7.3



#22
Acetophenone
Concen: 0.592 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion:	105	Resp:	4677
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.8	7.2#
51	27.4	21.4	32.0
120	31.5	18.6	28.0#

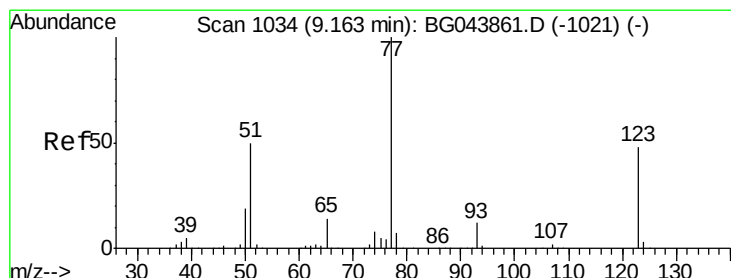
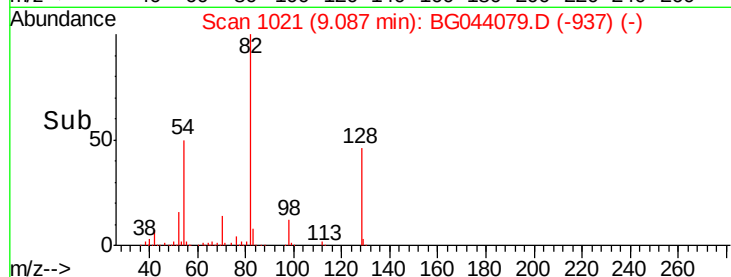
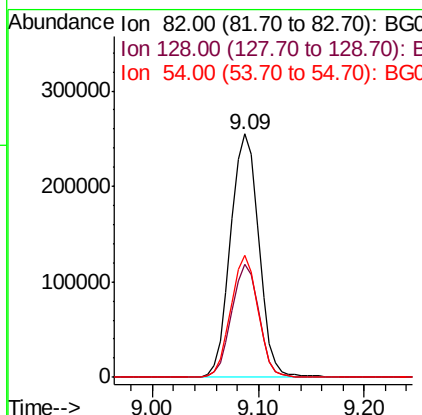
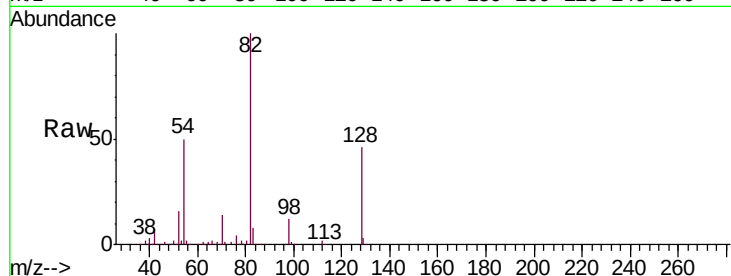




#23
Nitrobenzene-d5
Concen: 79.603 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

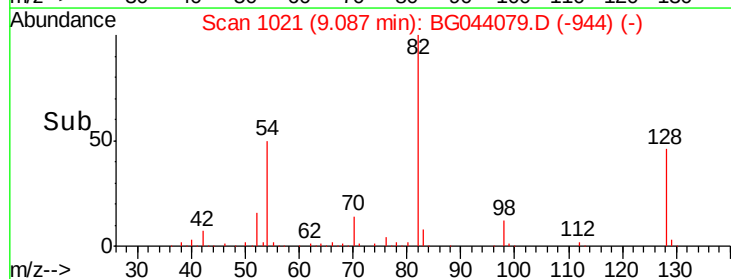
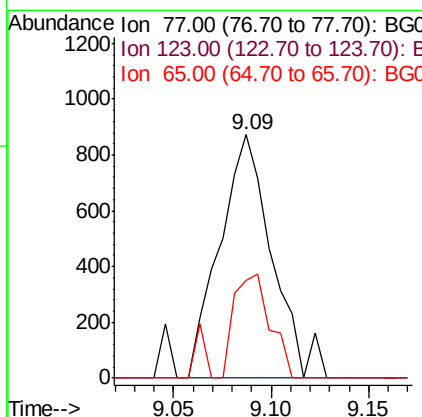
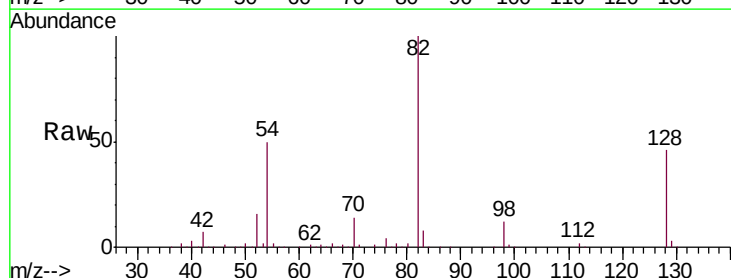
Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

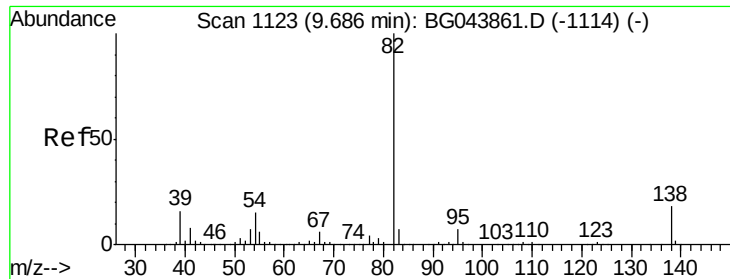
Tgt Ion: 82 Resp: 472827
Ion Ratio Lower Upper
82 100
128 46.3 35.1 52.7
54 49.9 40.1 60.1



#24
Nitrobenzene
Concen: 0.275 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.08 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion: 77 Resp: 1620
Ion Ratio Lower Upper
77 100
123 0.0 38.7 58.1#
65 40.2 11.1 16.7#





#25

Isophorone

Concen: 0.011 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

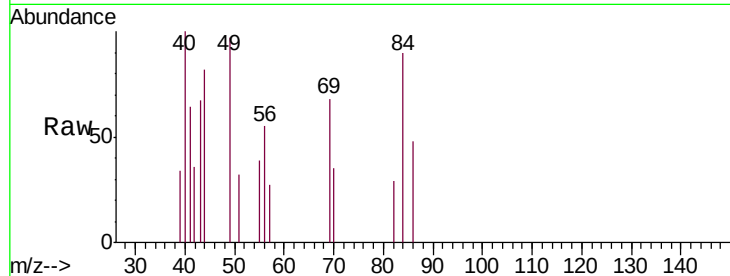
Tgt Ion: 82 Resp: 120

Ion Ratio Lower Upper

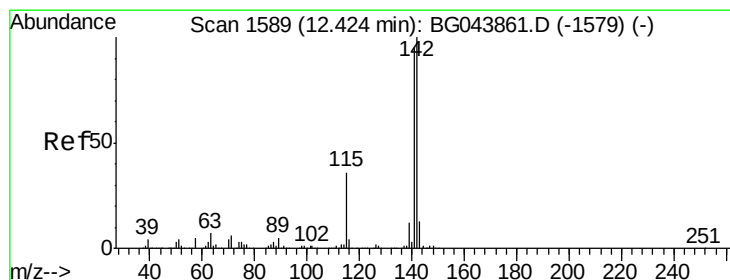
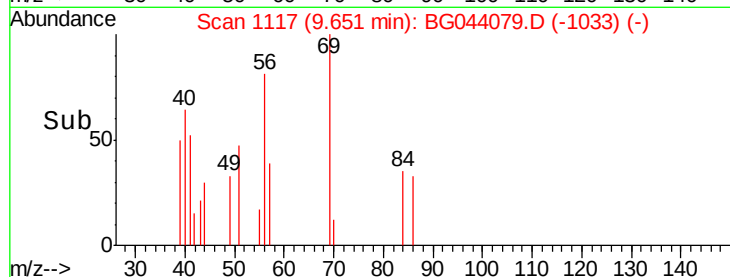
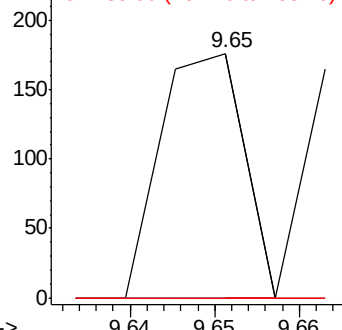
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#37

2-Methylnaphthalene

Concen: 0.019 ng

RT: 12.61 min Scan# 1621

Delta R.T. 0.19 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

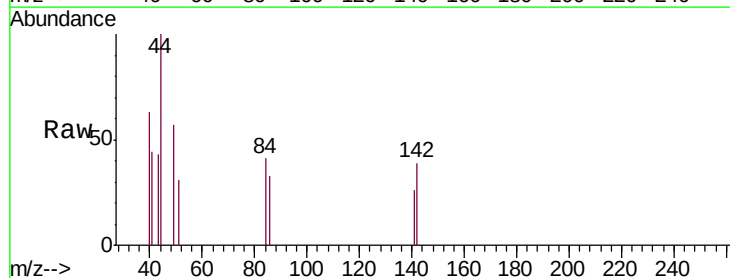
Tgt Ion: 142 Resp: 219

Ion Ratio Lower Upper

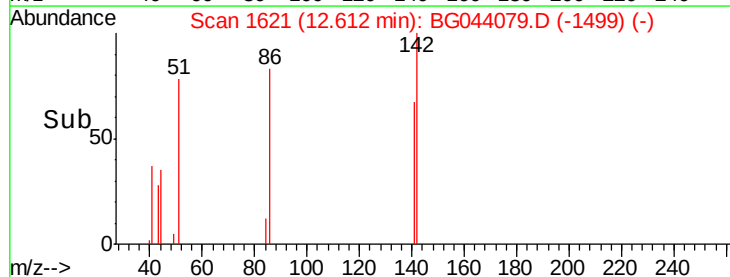
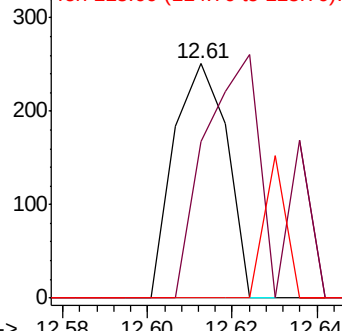
142 100

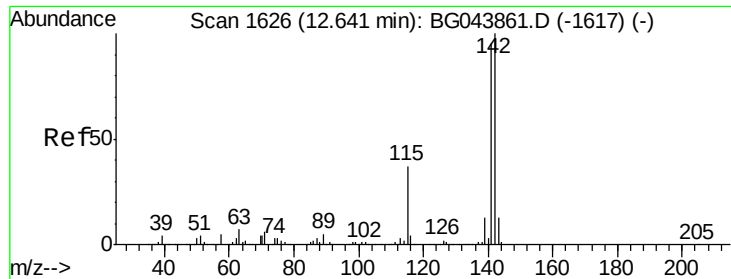
141 66.5 75.8 113.8#

115 0.0 28.6 42.8#



Abundance Ion 142.00 (141.70 to 142.70): BGC
Ion 141.00 (140.70 to 141.70): BGC
Ion 115.00 (114.70 to 115.70): BGC

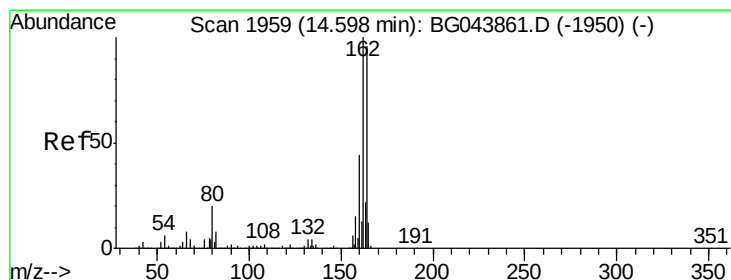
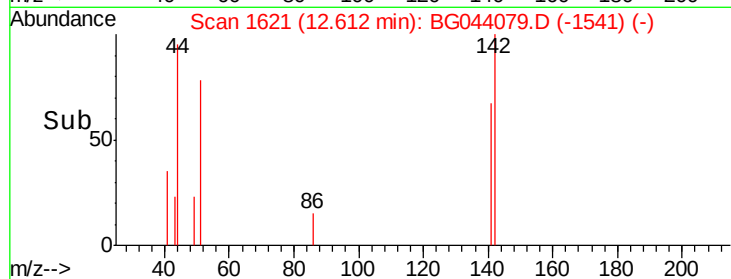
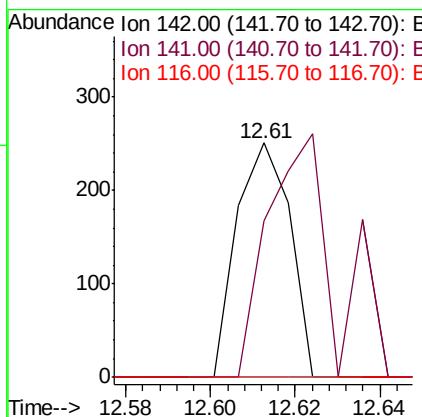
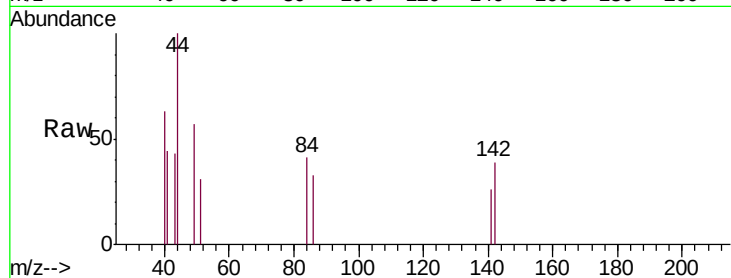




#38
1-Methylnaphthalene
Concen: 0.020 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

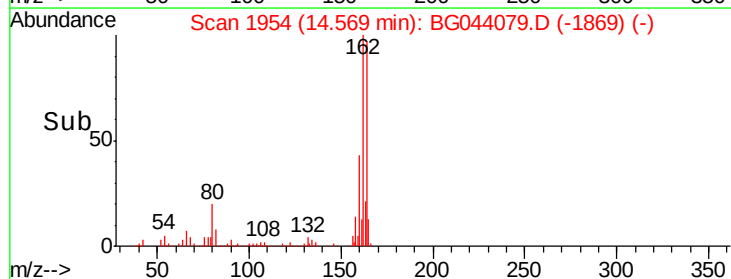
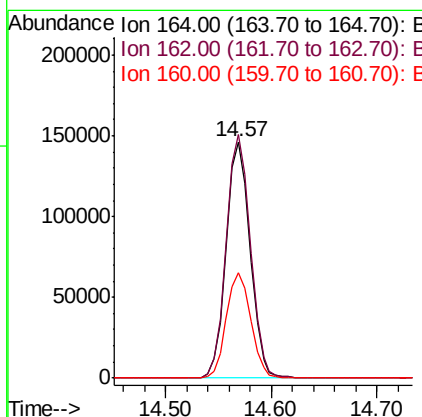
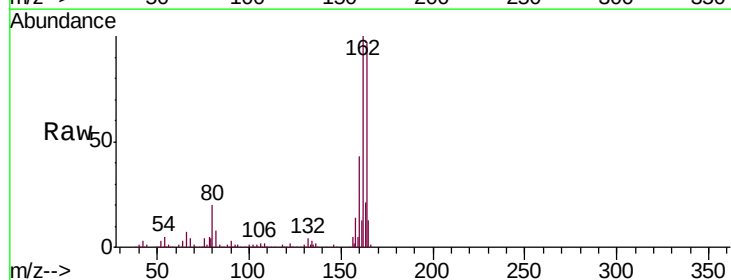
Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

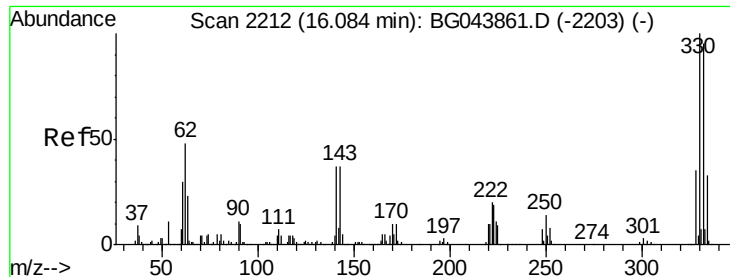
Tgt Ion:142 Resp: 219
Ion Ratio Lower Upper
142 100
141 66.5 76.0 114.0#
116 0.0 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion:164 Resp: 228928
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.4
160 44.7 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 143.638 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

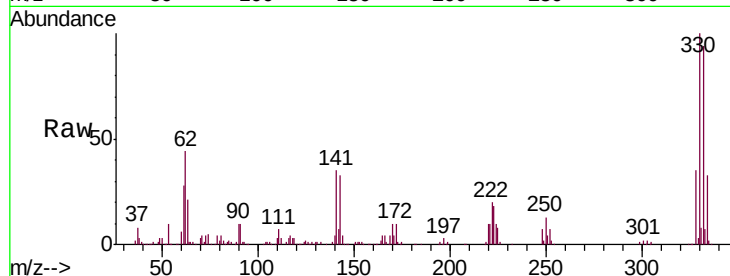
Tgt Ion:330 Resp: 344111

Ion Ratio Lower Upper

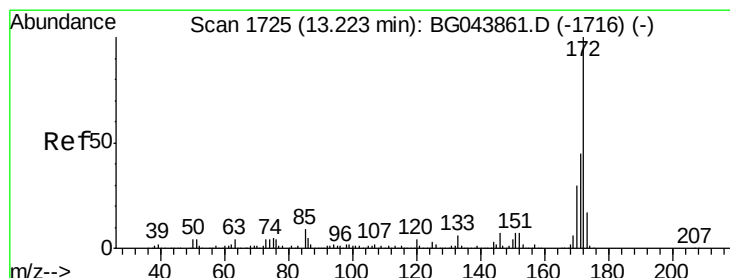
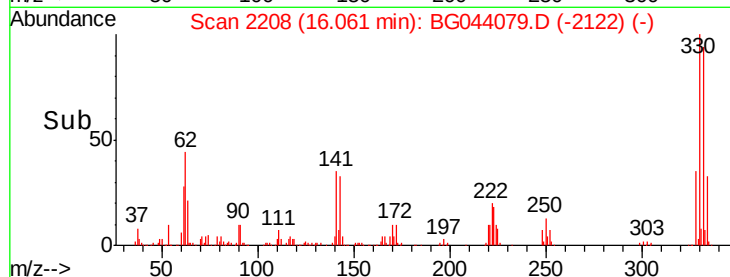
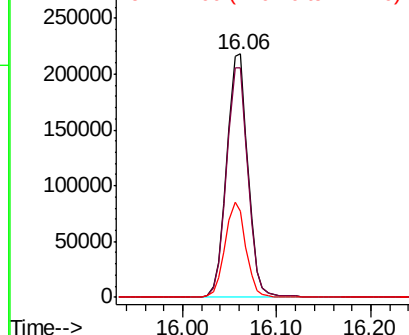
330 100

332 96.0 77.2 115.8

141 38.5 33.1 49.7



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: 91.006 ng

RT: 13.19 min Scan# 1720

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

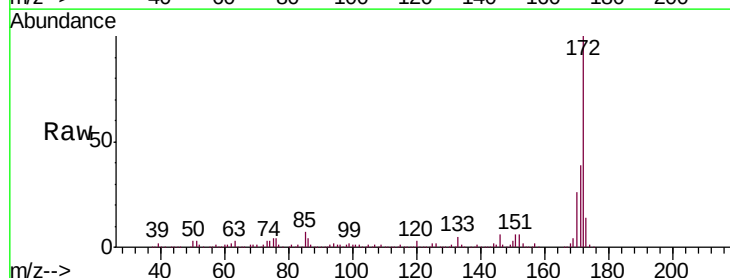
Tgt Ion:172 Resp: 1149911

Ion Ratio Lower Upper

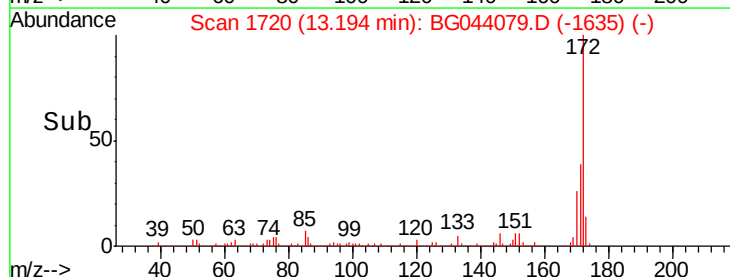
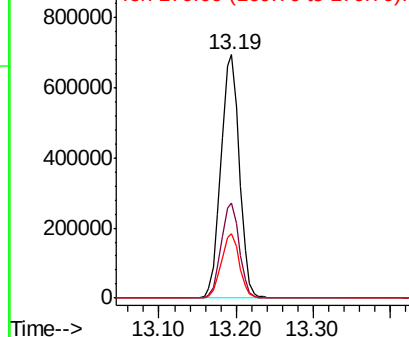
172 100

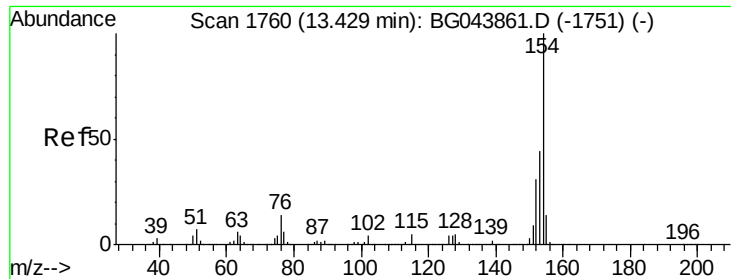
171 39.1 35.8 53.8

170 26.2 24.2 36.4



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

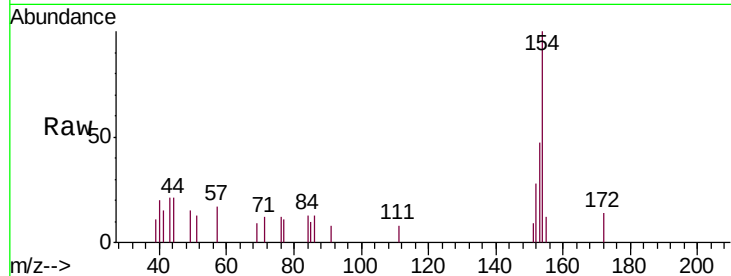




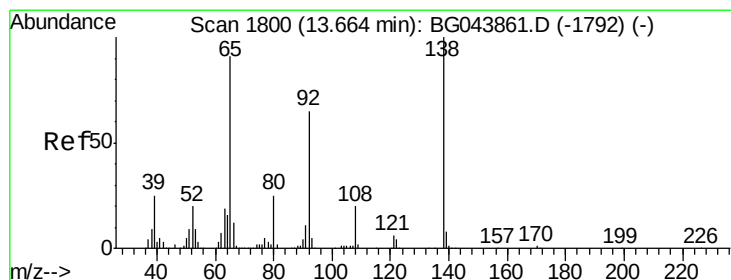
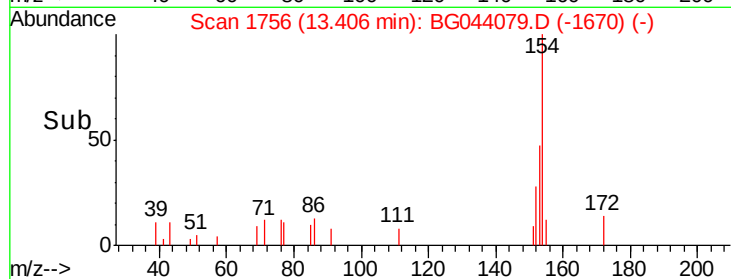
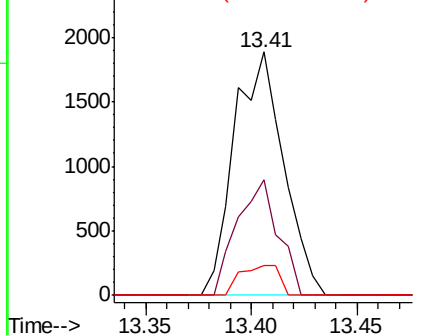
#46
 1,1'-Biphenyl
 Concen: 0.186 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG044079.D
 Acq: 17 Jan 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 FEQCFB-01-14-20

Tgt Ion:	154	Resp:	3054
Ion	Ratio	Lower	Upper
154	100		
153	47.4	23.6	63.6
76	12.1	0.0	34.4

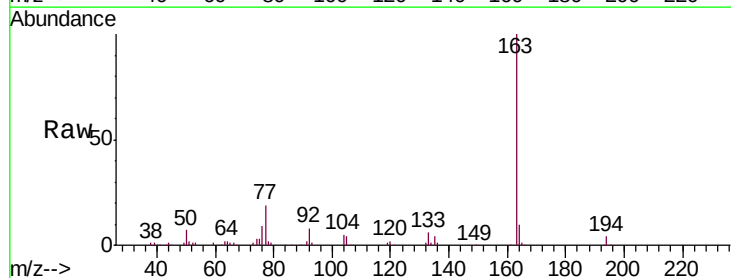


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

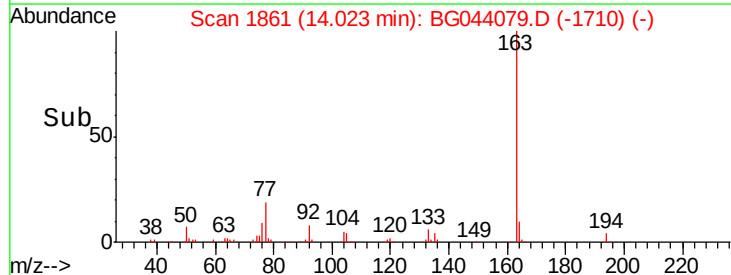
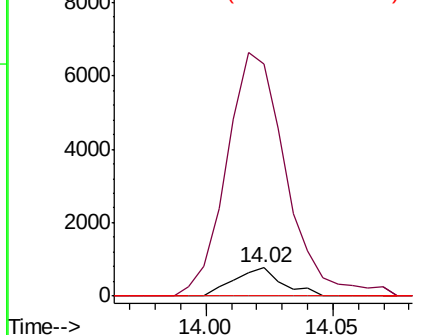


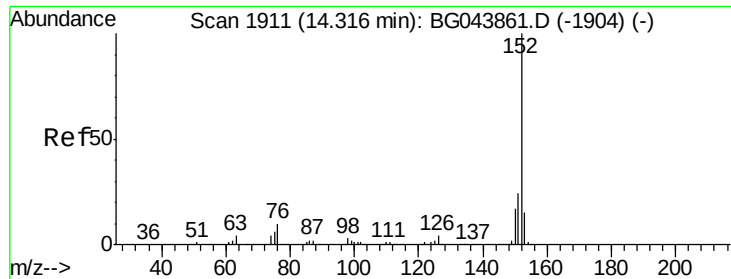
#48
 2-Nitroaniline
 Concen: 0.240 ng
 RT: 14.02 min Scan# 1861
 Delta R.T. 0.36 min
 Lab File: BG044079.D
 Acq: 17 Jan 2020 18:00

Tgt Ion:	65	Resp:	1022
Ion	Ratio	Lower	Upper
65	100		
92	816.4	57.4	86.2#
138	0.0	88.2	132.4#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.003 ng

RT: 13.95 min Scan# 1849

Delta R.T. -0.36 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

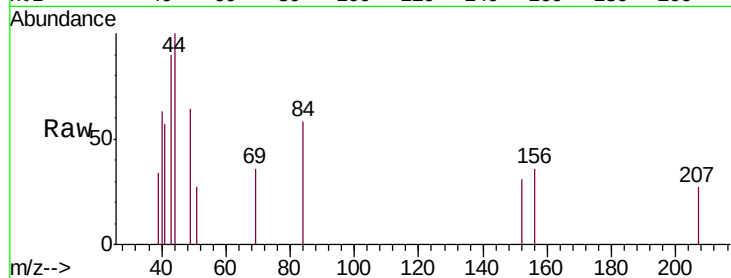
Tgt Ion:152 Resp: 63

Ion Ratio Lower Upper

152 100

151 0.0 19.4 29.2#

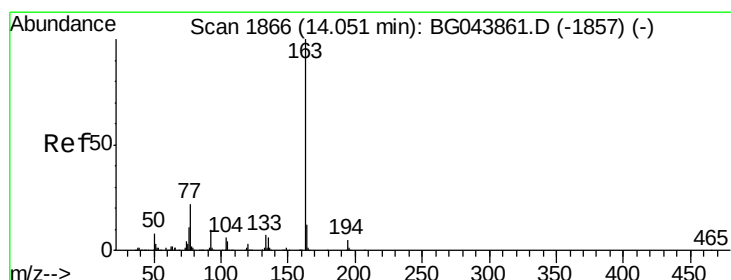
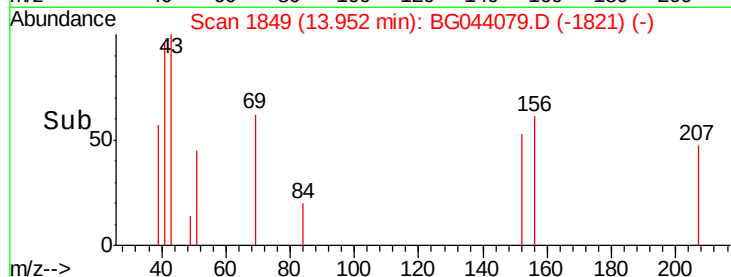
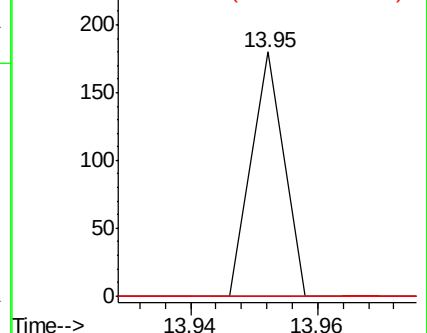
153 0.0 12.0 18.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.908 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

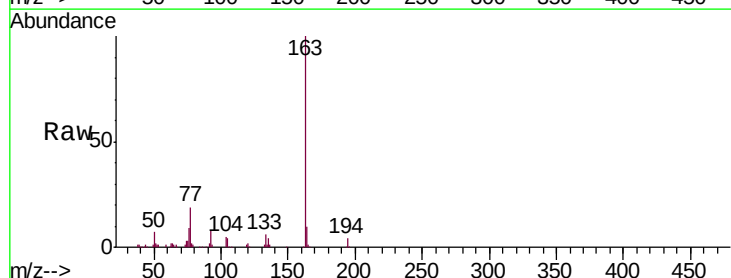
Tgt Ion:163 Resp: 128548

Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

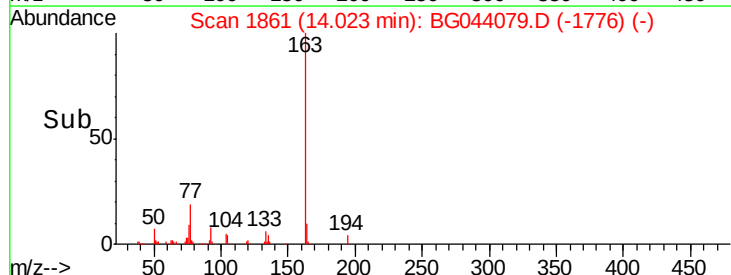
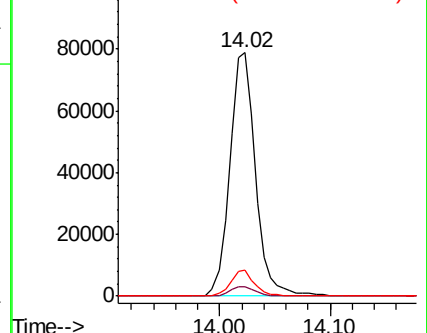
164 10.5 9.3 13.9

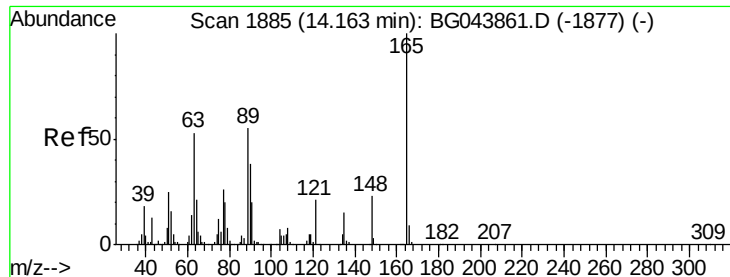


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.357 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.15 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

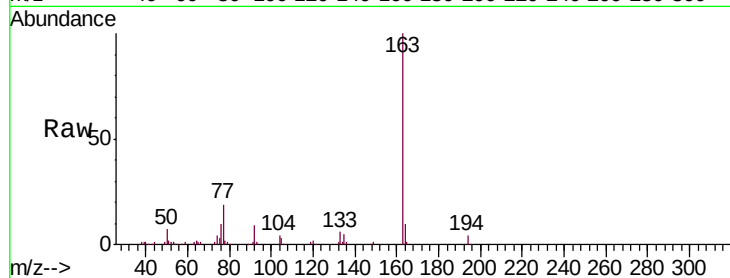
Tgt Ion:165 Resp: 1313

Ion Ratio Lower Upper

165 100

63 129.5 43.1 64.7#

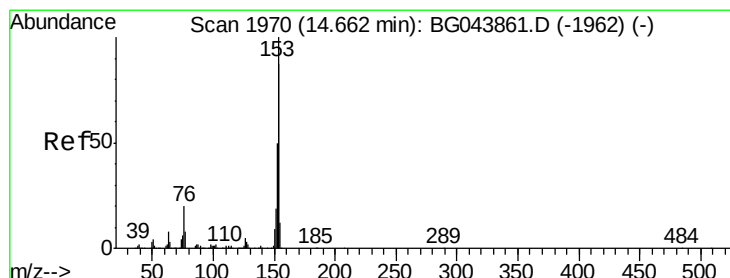
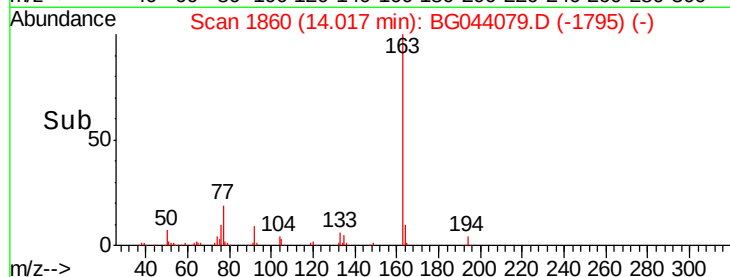
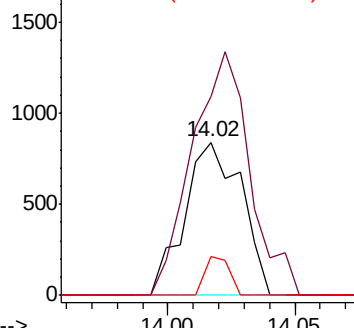
89 25.3 43.8 65.6#



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



#52

Acenaphthene

Concen: 0.005 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

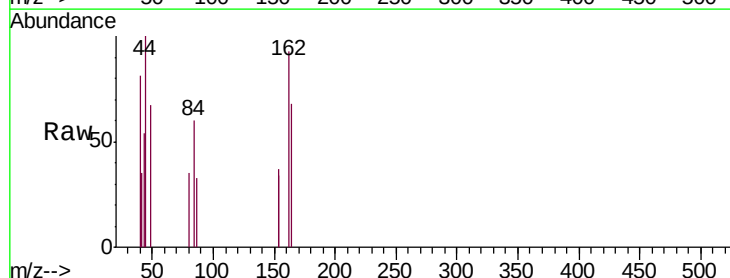
Tgt Ion:154 Resp: 61

Ion Ratio Lower Upper

154 100

153 90.7 91.6 137.4#

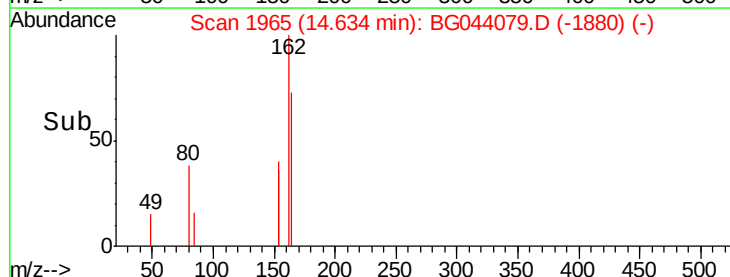
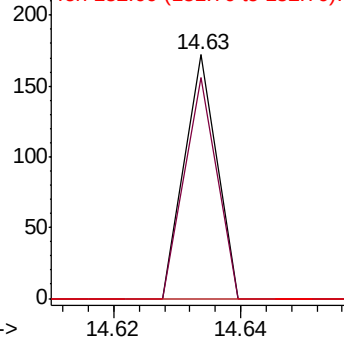
152 0.0 45.4 68.0#

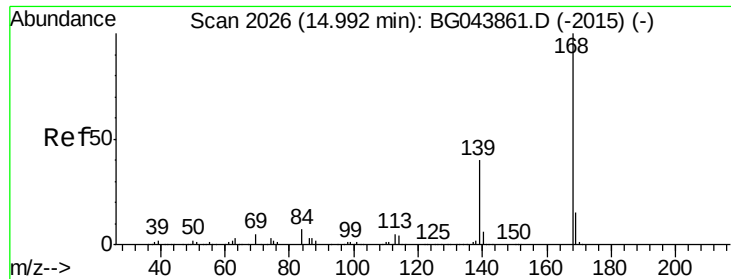


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 0.042 ng

RT: 14.97 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

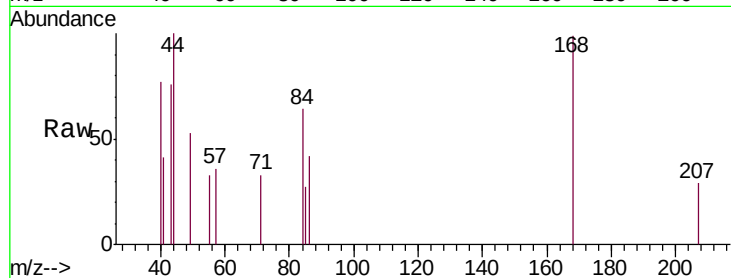
Tgt Ion:168 Resp: 774

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

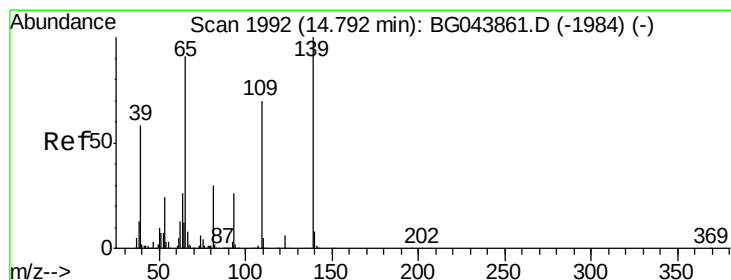
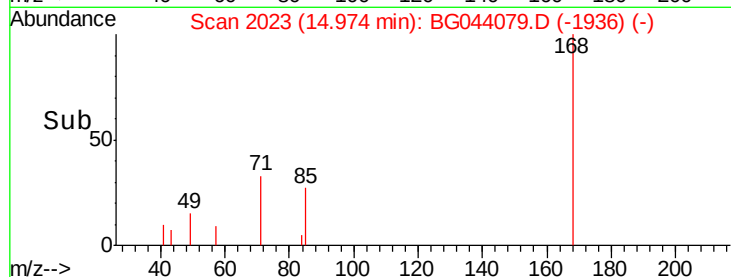
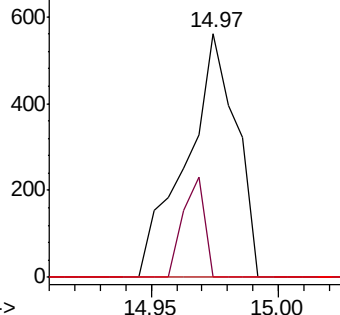
169 0.0 12.2 18.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.042 ng

RT: 14.97 min Scan# 2022

Delta R.T. 0.18 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

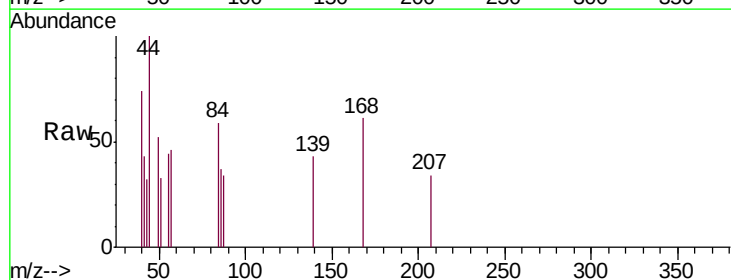
Tgt Ion:139 Resp: 135

Ion Ratio Lower Upper

139 100

109 0.0 50.4 90.4#

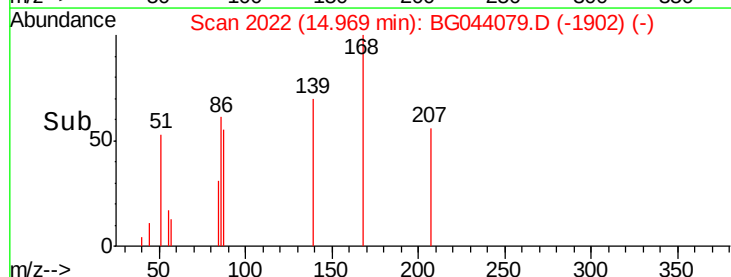
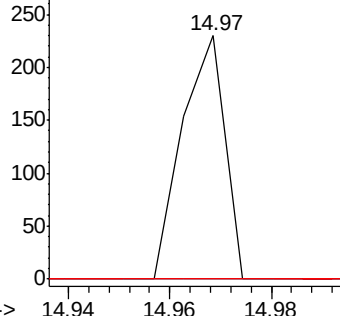
65 0.0 71.4 111.4#

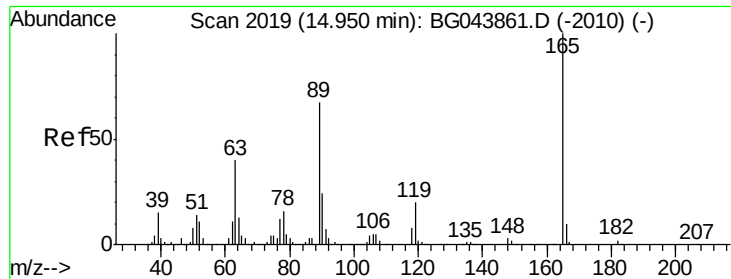


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

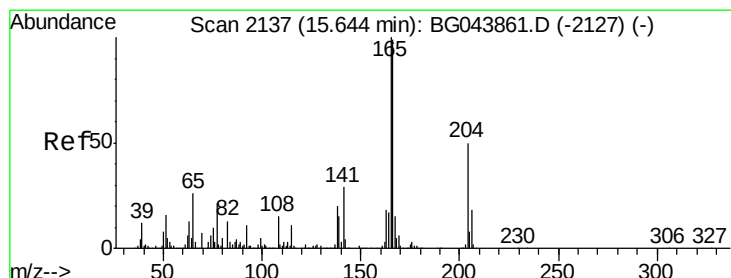
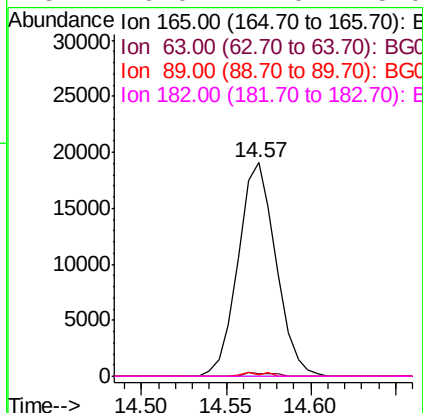
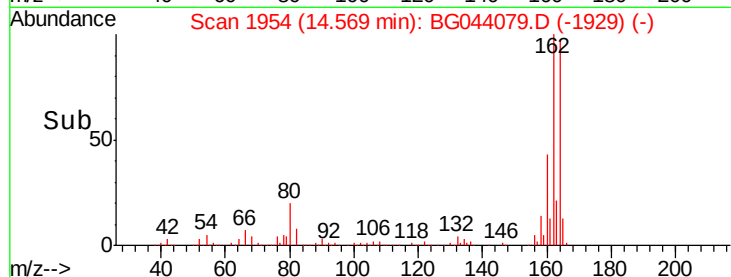
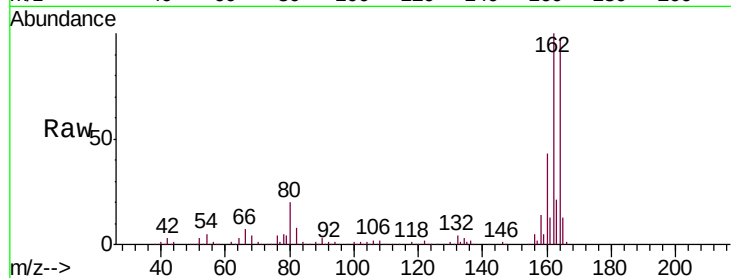




#57
 2,4-Dinitrotoluene
 Concen: 5.948 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BG044079.D
 Acq: 17 Jan 2020 18:00

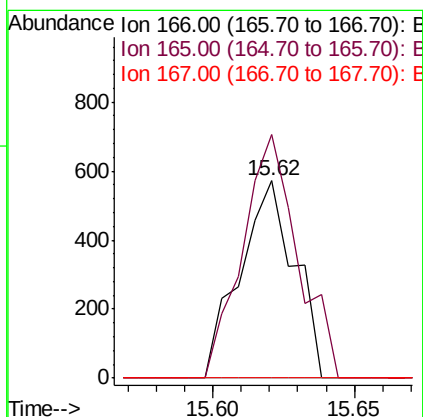
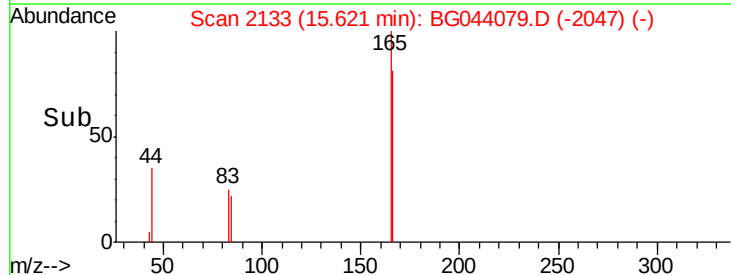
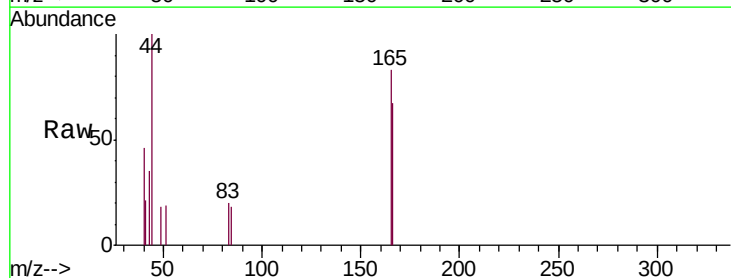
Instrument :
 BNA_G
 ClientSampleId :
 FEQCFB-01-14-20

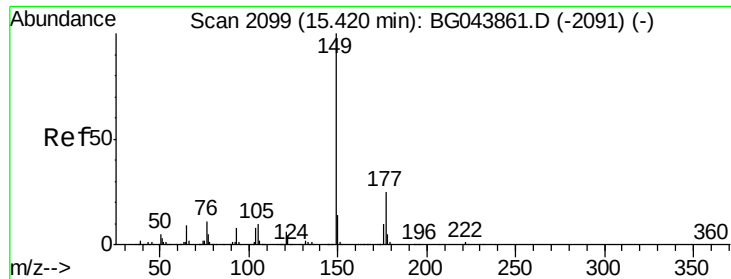
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.9	47.9#
89	0.8	53.8	80.6#
182	0.0	2.0	3.0#



#58
 Fluorene
 Concen: 0.053 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.02 min
 Lab File: BG044079.D
 Acq: 17 Jan 2020 18:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	123.6	80.8	121.2#
167	0.0	12.1	18.1#

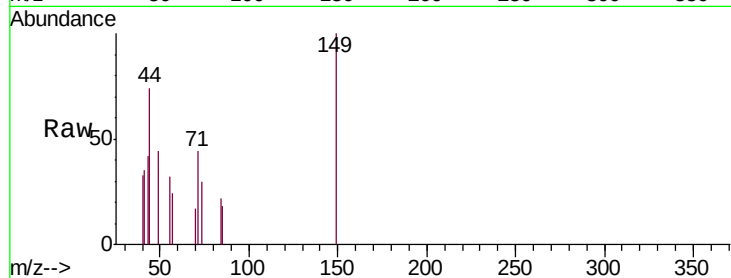




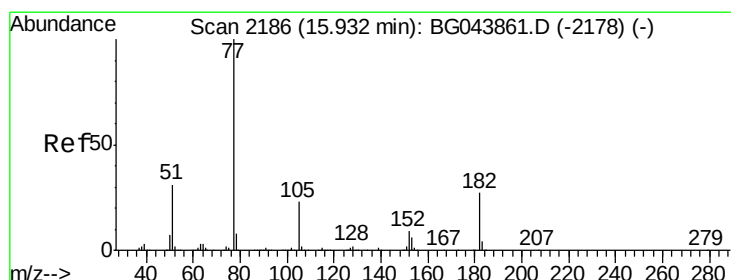
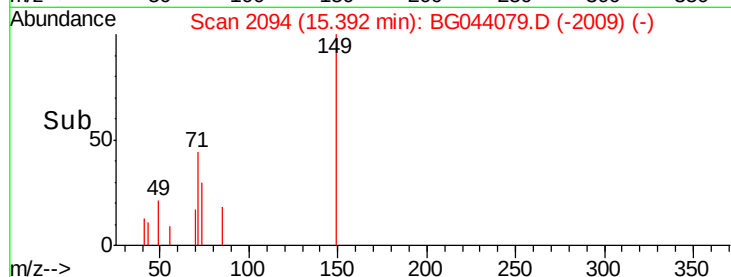
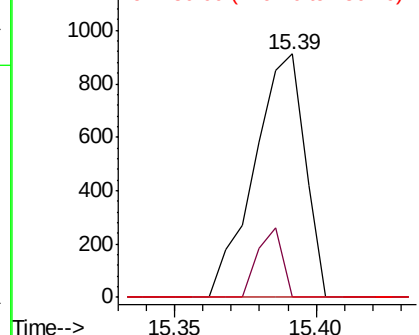
#60
Diethylphthalate
Concen: 0.070 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

Tgt Ion: 149 Resp: 1134
Ion Ratio Lower Upper
149 100
177 0.0 20.0 30.0#
150 0.0 11.1 16.7#

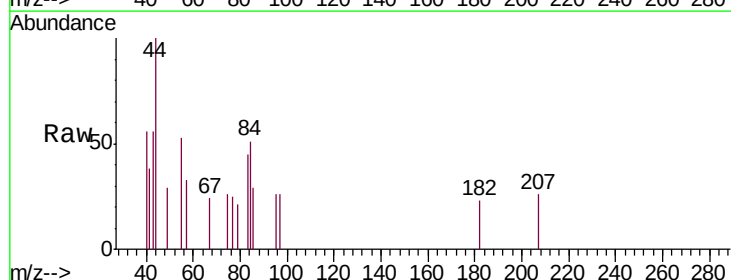


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

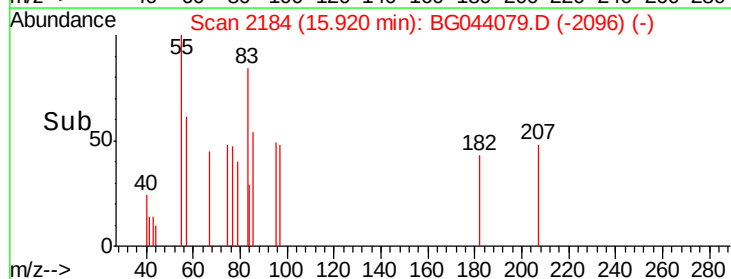
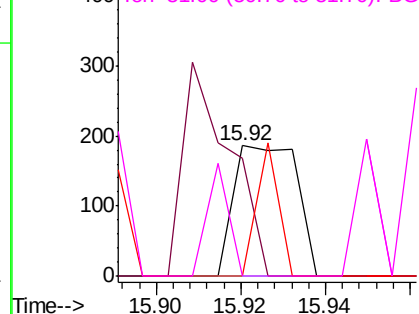


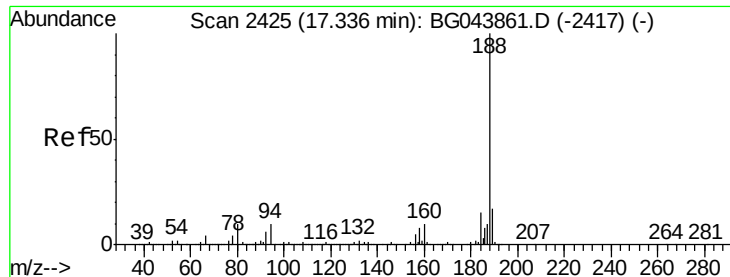
#63
Azobenzene
Concen: 0.013 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion: 77 Resp: 193
Ion Ratio Lower Upper
77 100
182 90.9 7.3 47.3#
105 0.0 3.2 43.2#
51 0.0 10.6 50.6#



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

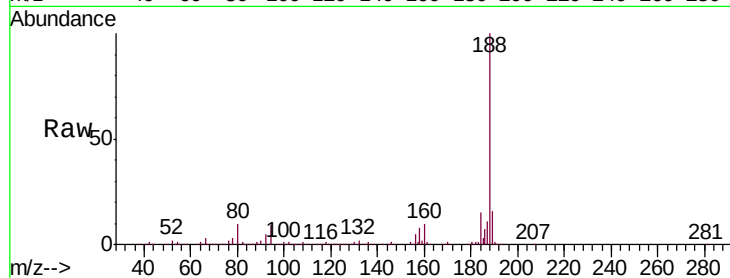
Tgt Ion:188 Resp: 500318

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

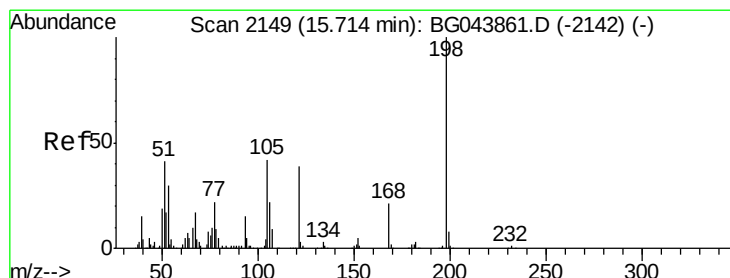
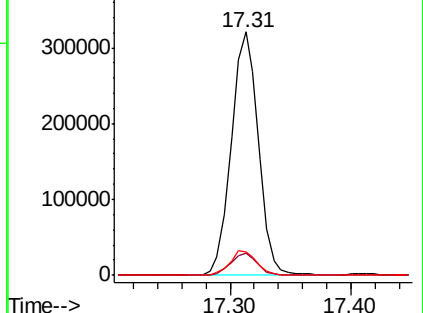
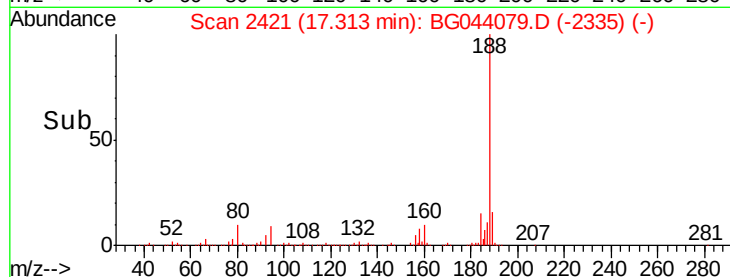
80 9.9 8.2 12.4



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.787 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.35 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

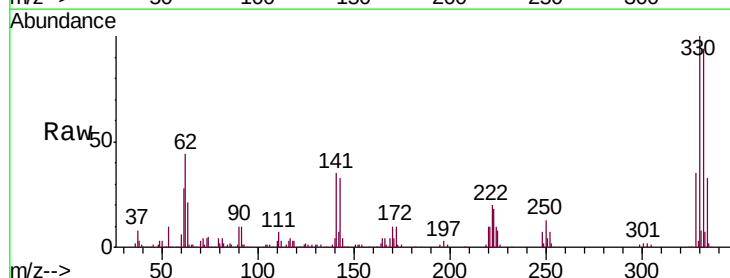
Tgt Ion:198 Resp: 1127

Ion Ratio Lower Upper

198 100

51 88.6 22.5 62.5#

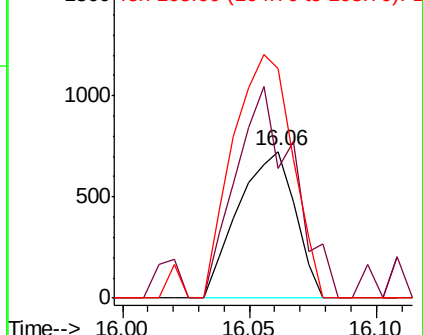
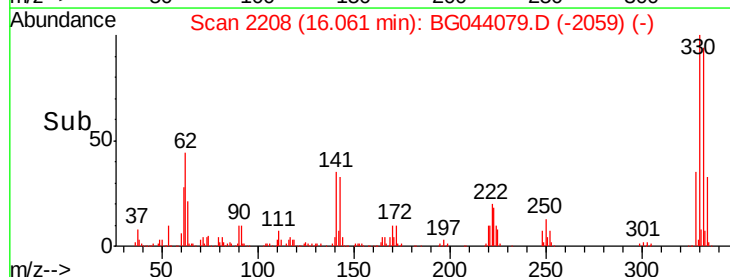
105 156.3 22.3 62.3#

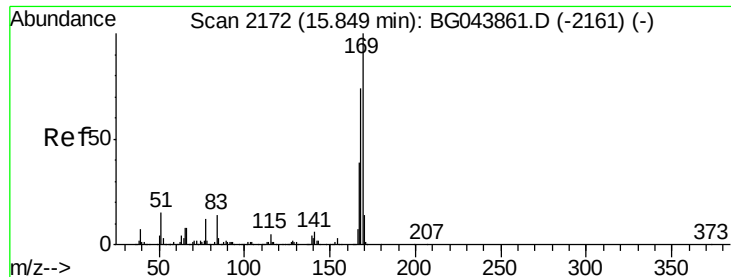


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

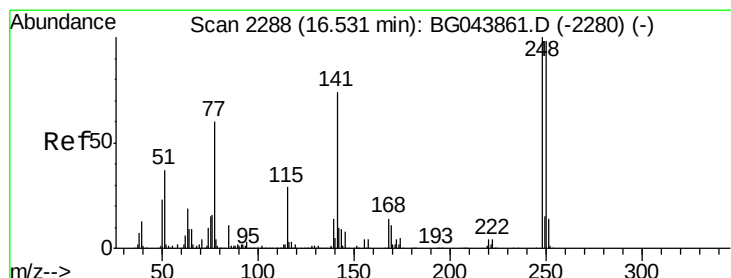
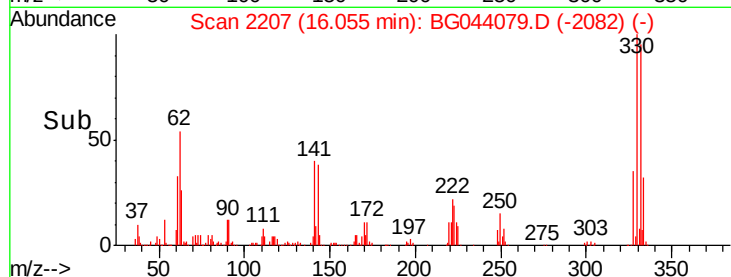
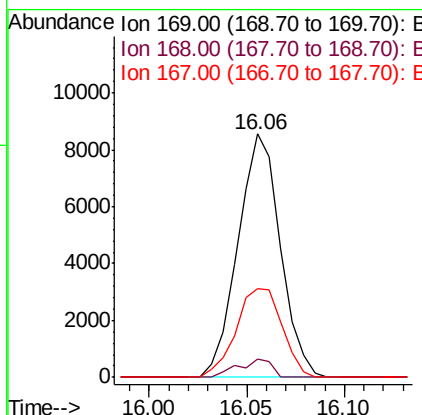
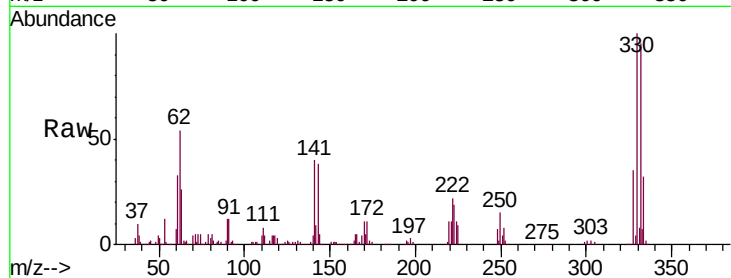




#66
 n-Nitrosodiphenylamine
 Concen: 0.869 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. 0.21 min
 Lab File: BG044079.D
 Acq: 17 Jan 2020 18:00

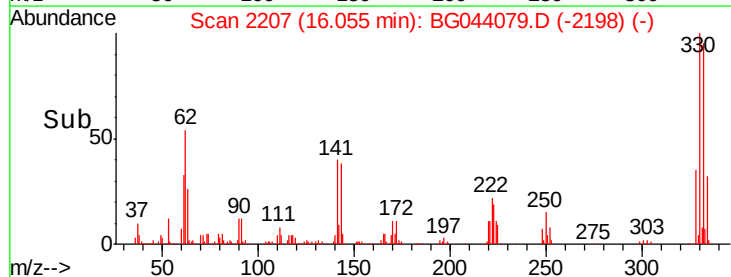
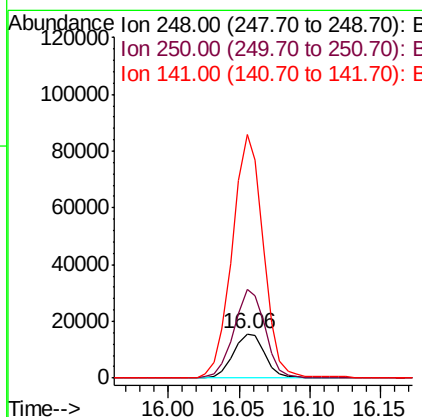
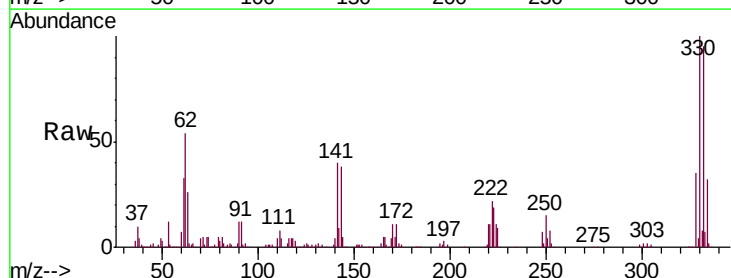
Instrument :
 BNA_G
 ClientSampleId :
 FEQCFB-01-14-20

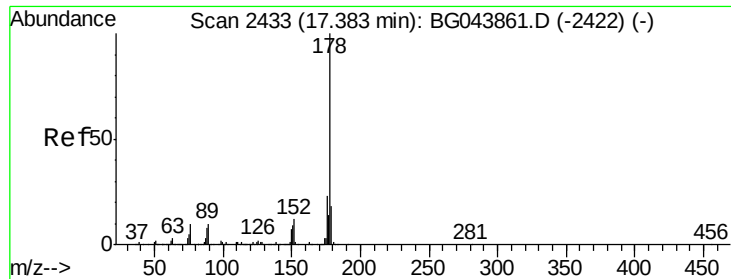
Tgt Ion:169 Resp: 12800
 Ion Ratio Lower Upper
 169 100
 168 7.6 59.0 88.6#
 167 36.7 31.4 47.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.315 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.48 min
 Lab File: BG044079.D
 Acq: 17 Jan 2020 18:00

Tgt Ion:248 Resp: 24278
 Ion Ratio Lower Upper
 248 100
 250 200.7 78.2 117.2#
 141 549.0 59.3 88.9#

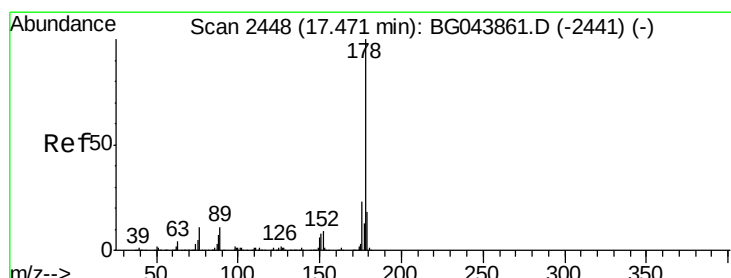
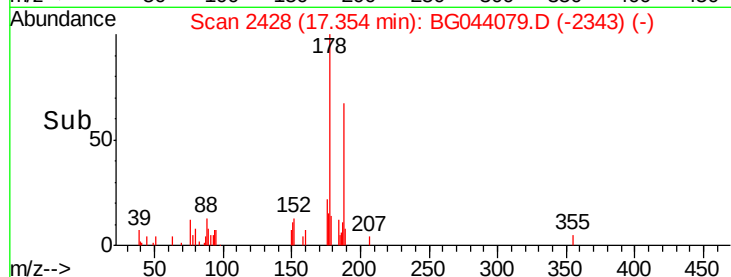
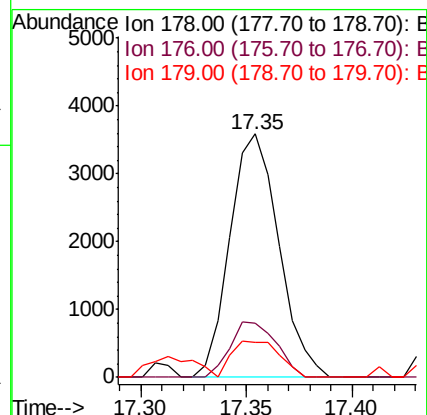
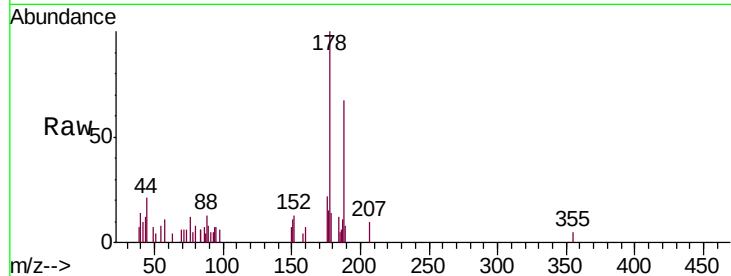




#71
Phenanthrene
Concen: 0.239 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

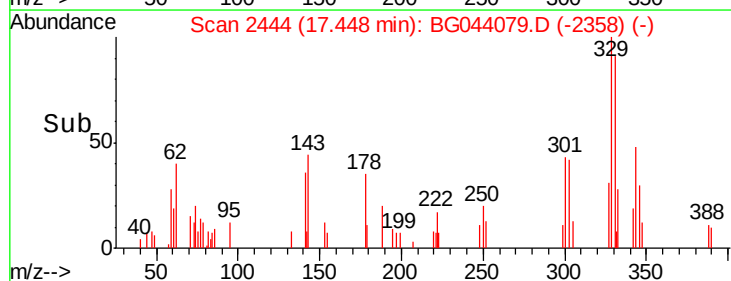
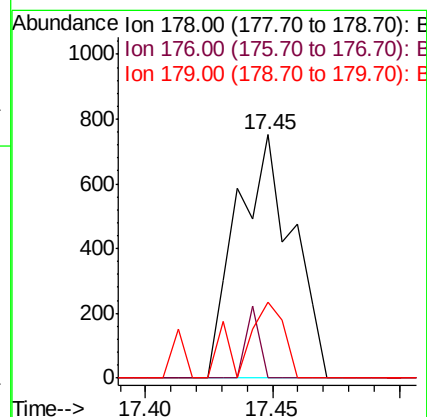
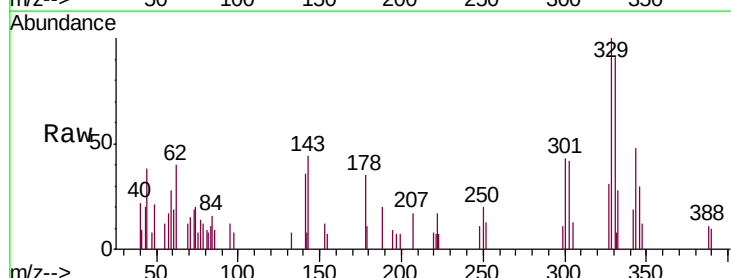
Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

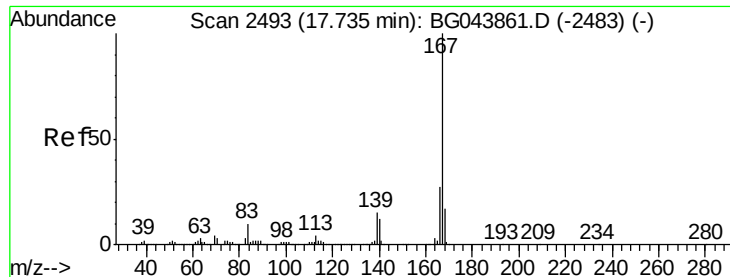
Tgt Ion:178 Resp: 5734
Ion Ratio Lower Upper
178 100
176 22.1 18.6 28.0
179 14.1 14.4 21.6#



#72
Anthracene
Concen: 0.048 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion:178 Resp: 1145
Ion Ratio Lower Upper
178 100
176 0.0 18.3 27.5#
179 31.4 14.6 22.0#





#73

Carbazole

Concen: 0.015 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

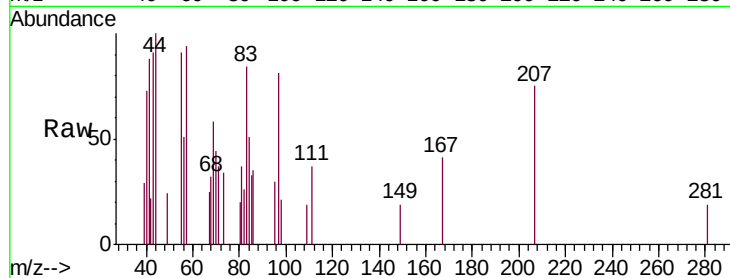
Tgt Ion:167 Resp: 329

Ion Ratio Lower Upper

167 100

166 0.0 21.6 32.4#

139 0.0 12.1 18.1#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.72

300

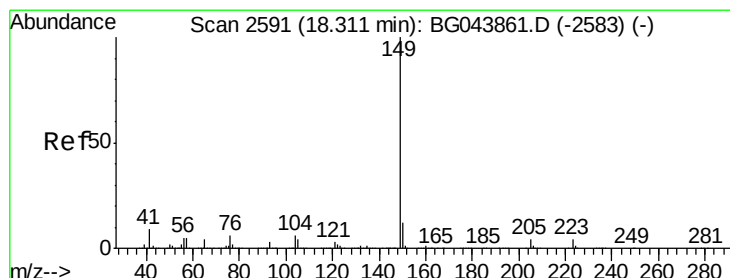
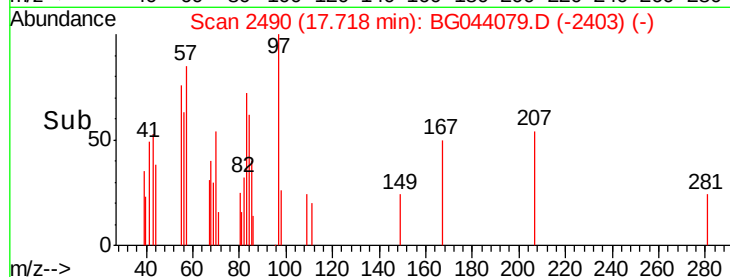
200

100

0

17.70 17.72 17.74

Time-->



#74

Di-n-butylphthalate

Concen: 0.107 ng

RT: 18.28 min Scan# 2586

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

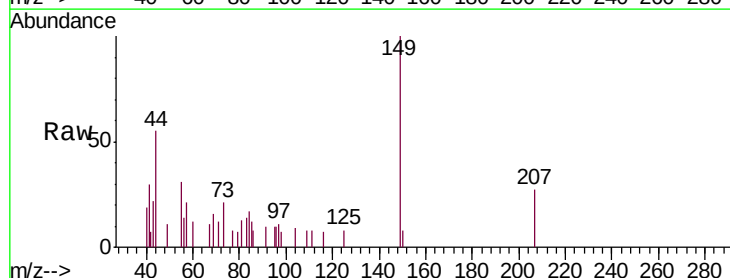
Tgt Ion:149 Resp: 2997

Ion Ratio Lower Upper

149 100

150 7.7 9.7 14.5#

104 9.2 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

18.28

3000

2500

2000

1500

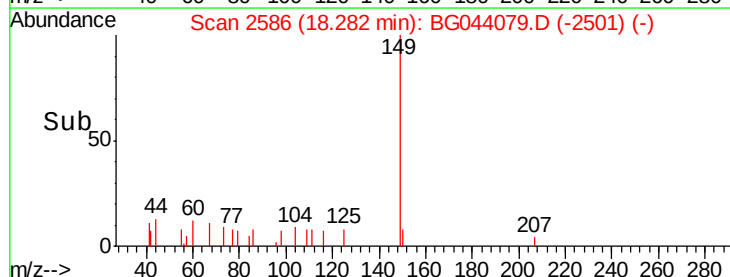
1000

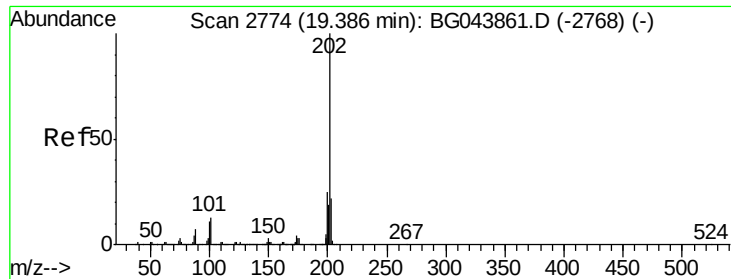
500

0

18.25 18.30

Time-->





#75

Fluoranthene

Concen: 0.083 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

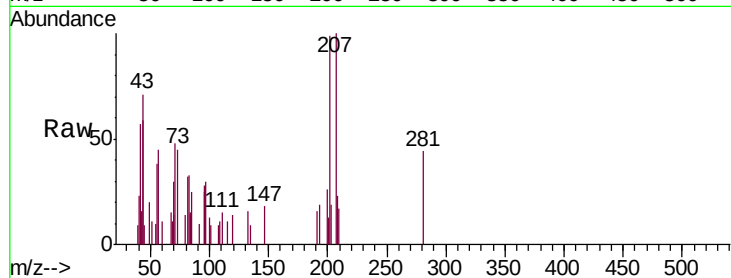
Tgt Ion:202 Resp: 2289

Ion Ratio Lower Upper

202 100

101 9.0 0.0 33.3

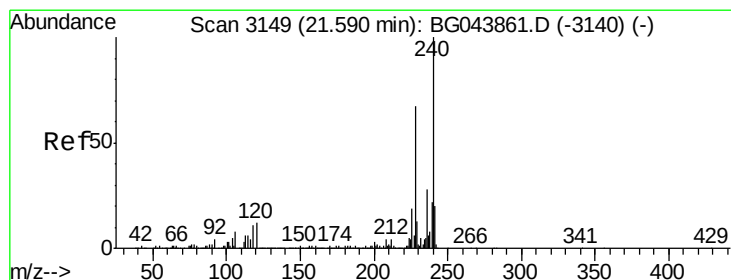
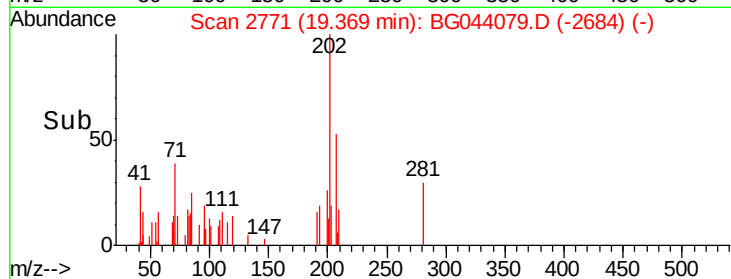
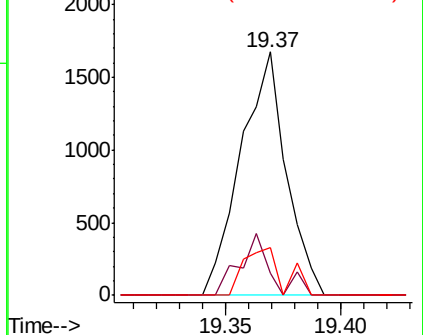
203 19.5 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

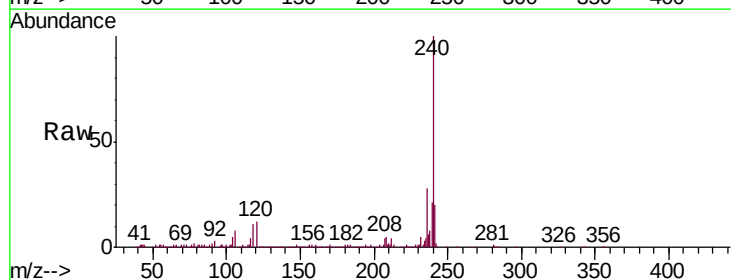
Tgt Ion:240 Resp: 425588

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

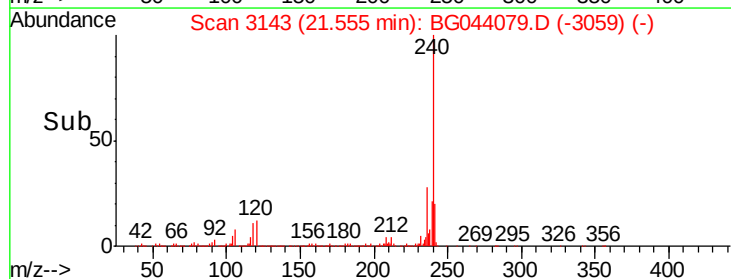
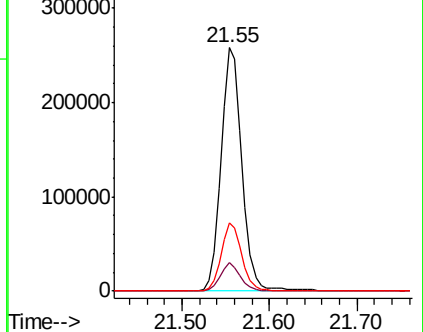
236 28.1 22.2 33.2

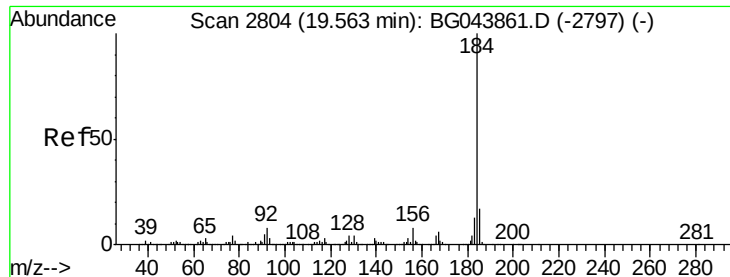


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.968 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.36 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

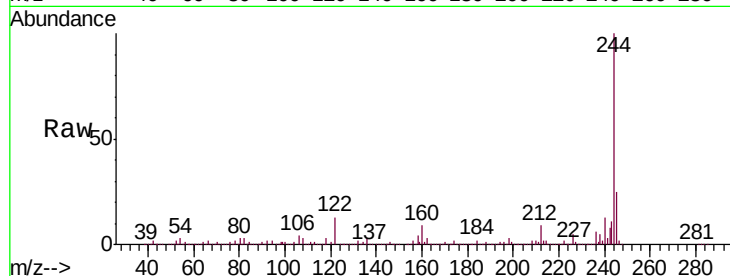
Tgt Ion:184 Resp: 31754

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

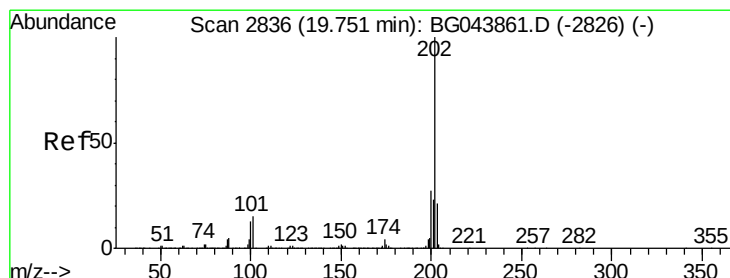
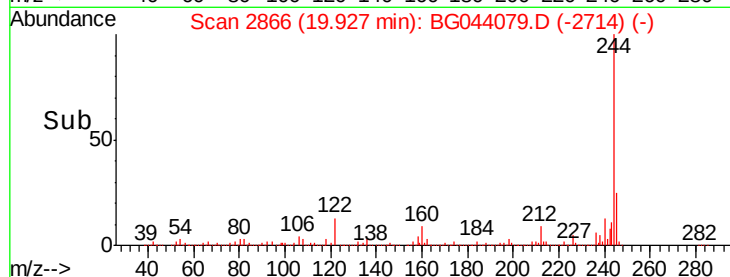
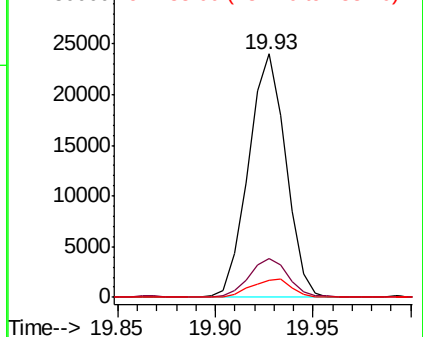
183 7.0 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.082 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.38 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

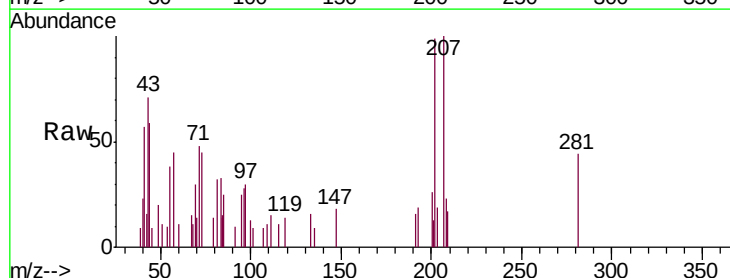
Tgt Ion:202 Resp: 2289

Ion Ratio Lower Upper

202 100

200 25.8 21.7 32.5

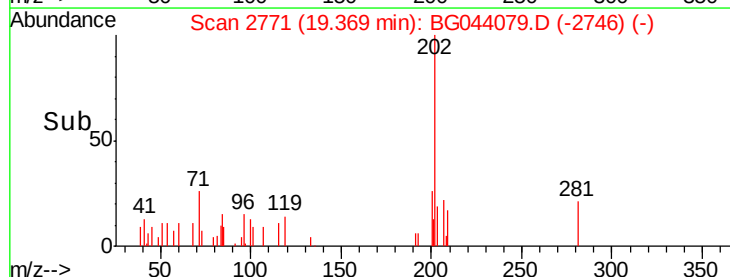
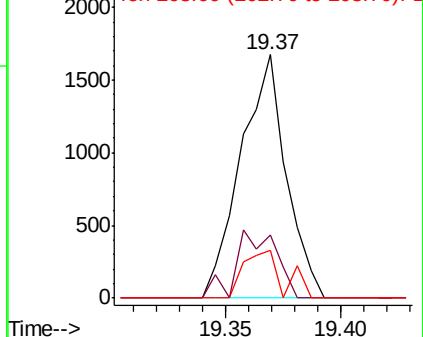
203 19.5 17.0 25.6

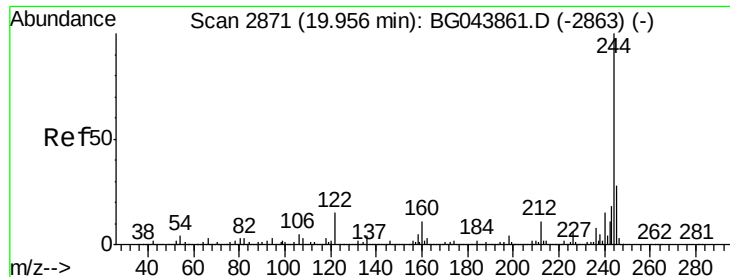


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 108.913 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

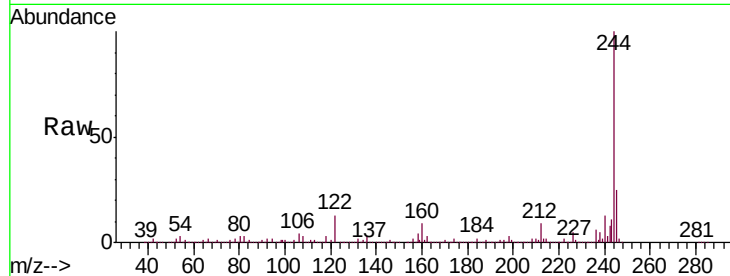
Tgt Ion:244 Resp: 1791218

Ion Ratio Lower Upper

244 100

212 9.3 8.6 13.0

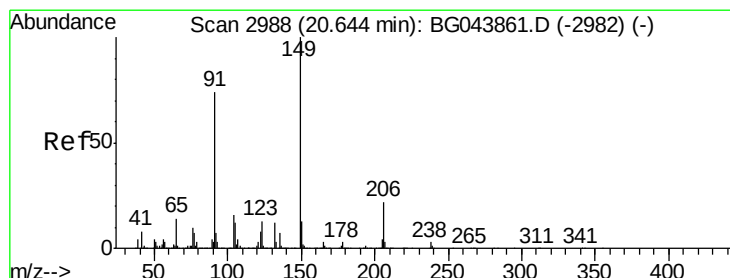
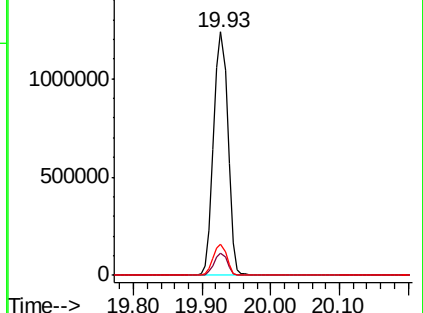
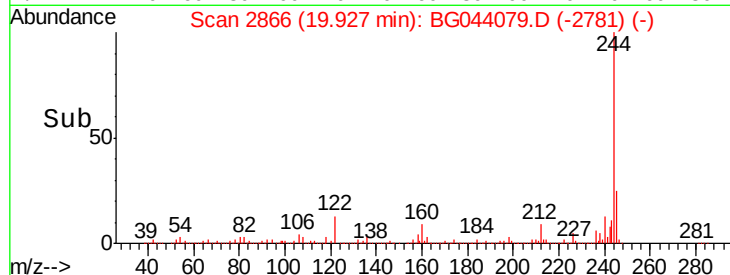
122 12.8 11.9 17.9



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



#80

Butylbenzylphthalate

Concen: 0.221 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

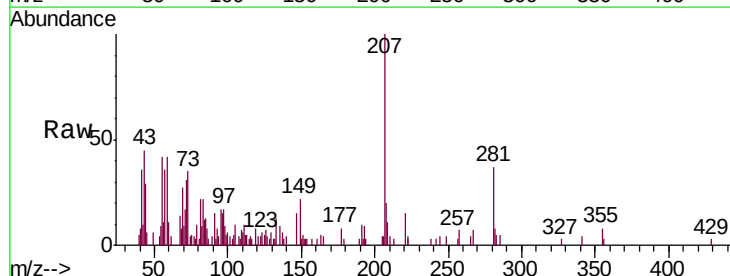
Tgt Ion:149 Resp: 2925

Ion Ratio Lower Upper

149 100

91 68.4 59.5 89.3

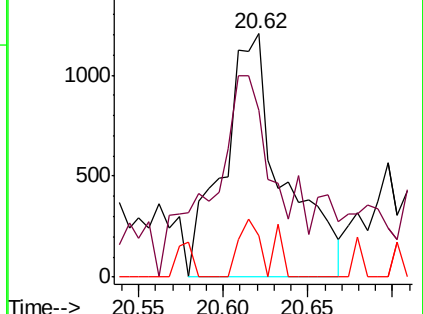
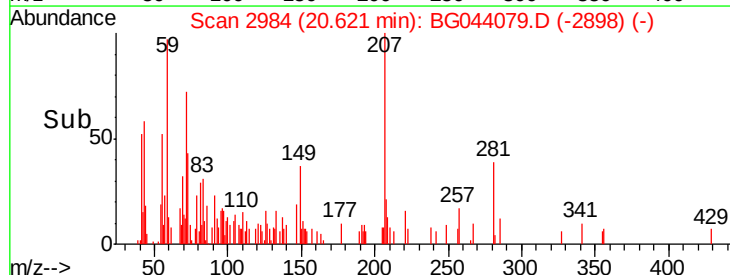
206 16.8 17.8 26.6#

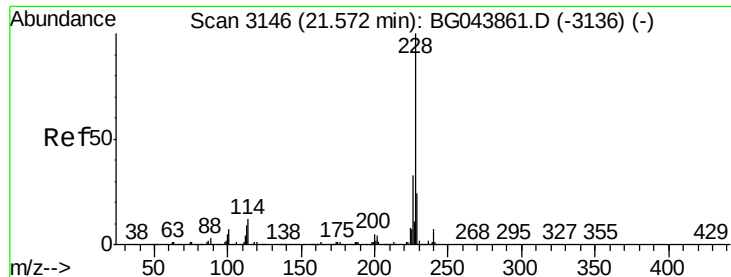


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.144 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

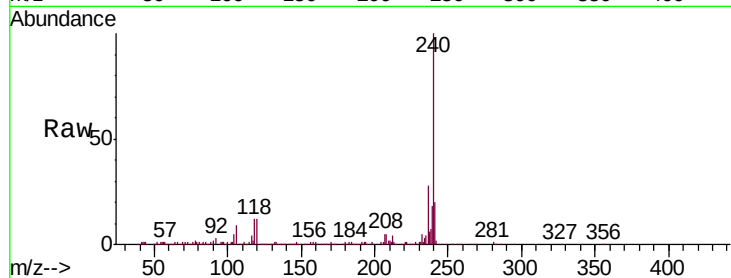
Tgt Ion:228 Resp: 3793

Ion Ratio Lower Upper

228 100

226 24.2 26.2 39.4#

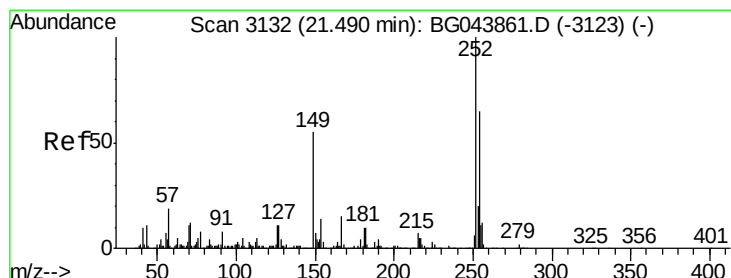
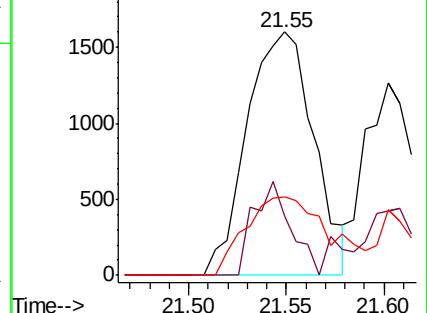
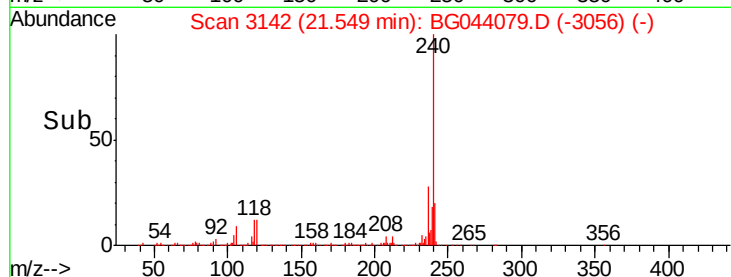
229 32.0 18.9 28.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.063 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

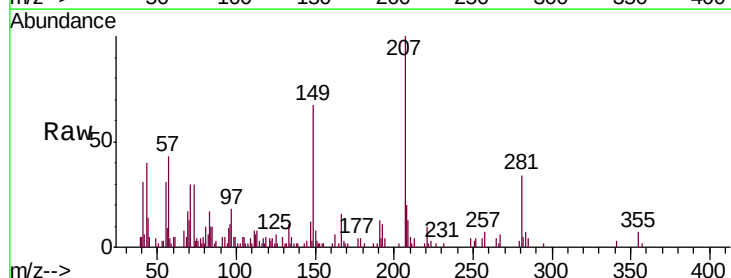
Tgt Ion:252 Resp: 657

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

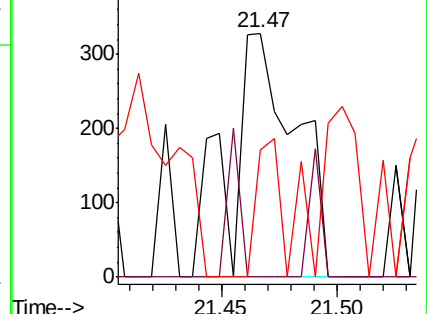
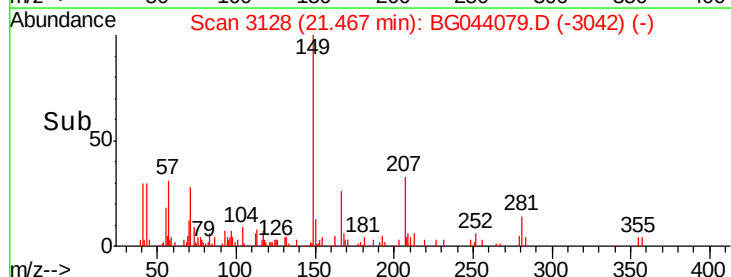
126 52.1 9.1 13.7#

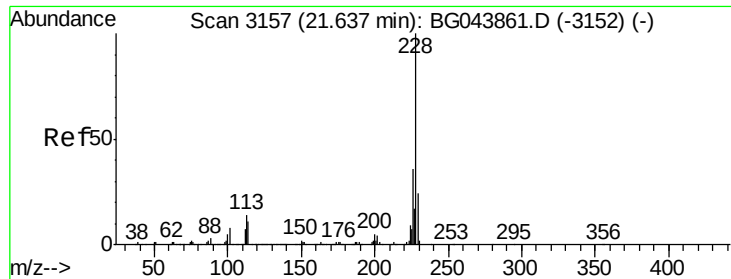


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.100 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

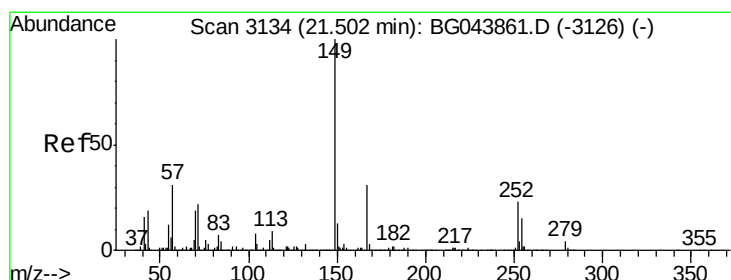
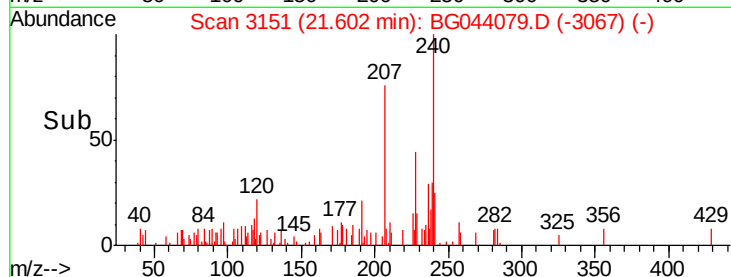
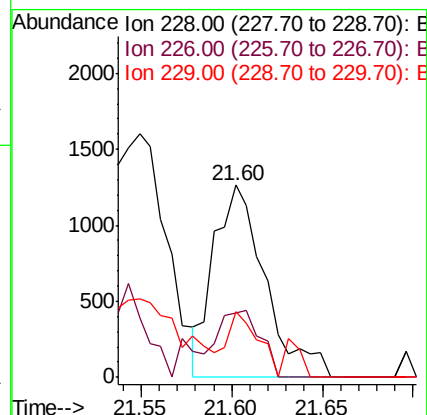
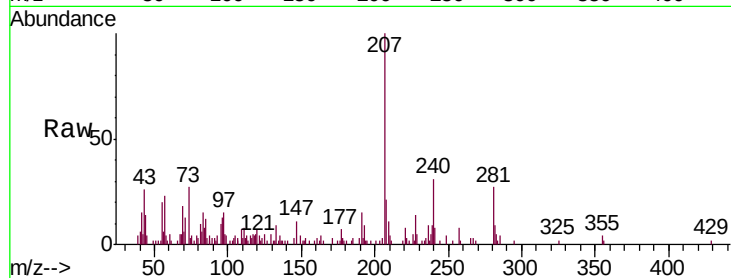
Tgt Ion:228 Resp: 2498

Ion Ratio Lower Upper

228 100

226 33.5 28.8 43.2

229 34.5 19.0 28.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.502 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

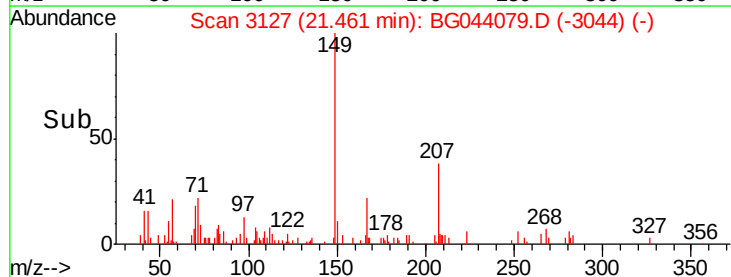
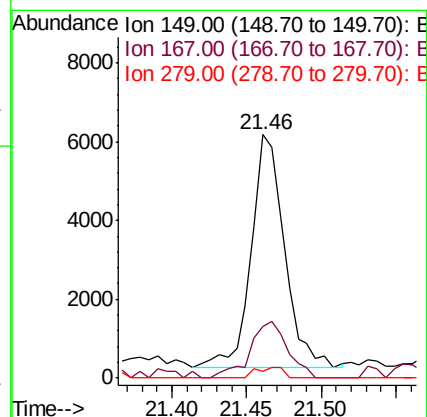
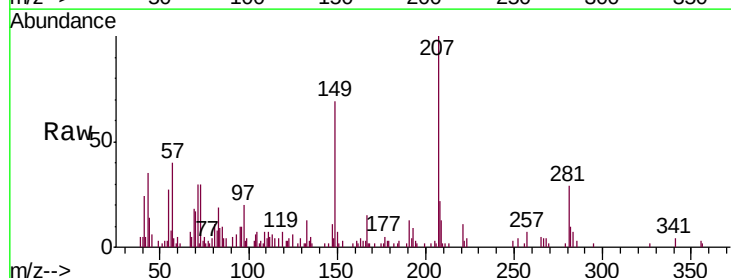
Tgt Ion:149 Resp: 9154

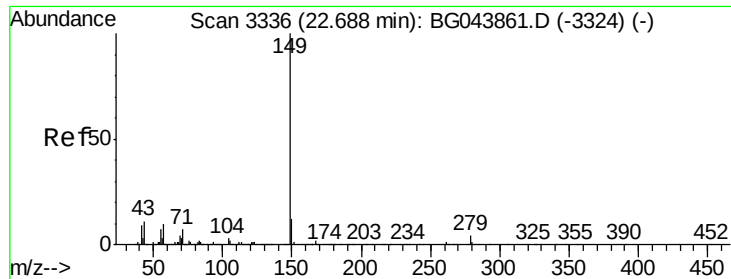
Ion Ratio Lower Upper

149 100

167 21.0 24.7 37.1#

279 3.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 0.138 ng

RT: 22.63 min Scan# 3326

Delta R.T. -0.06 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

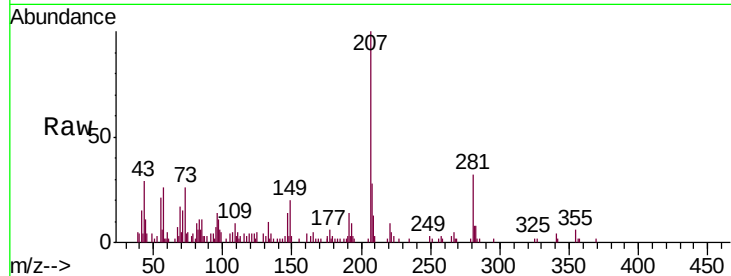
Tgt Ion:149 Resp: 4226

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

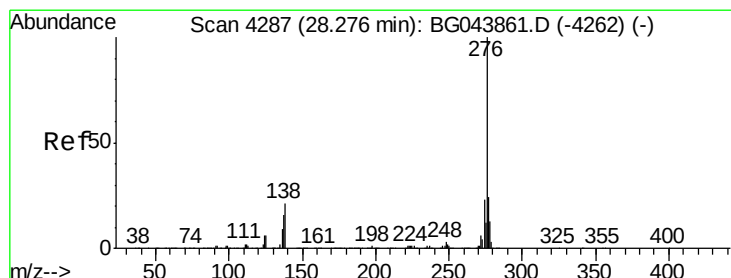
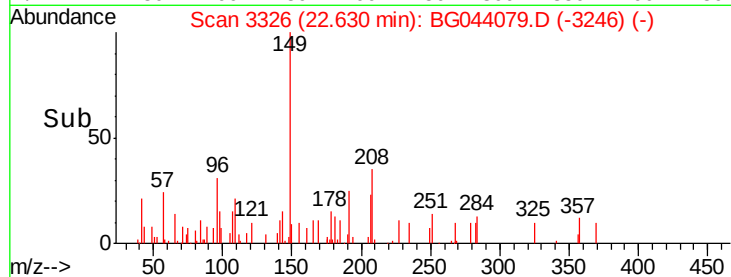
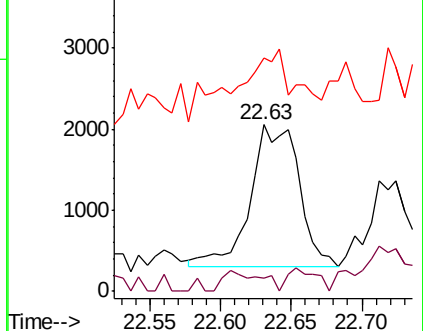
43 0.0 8.8 13.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.009 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.02 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

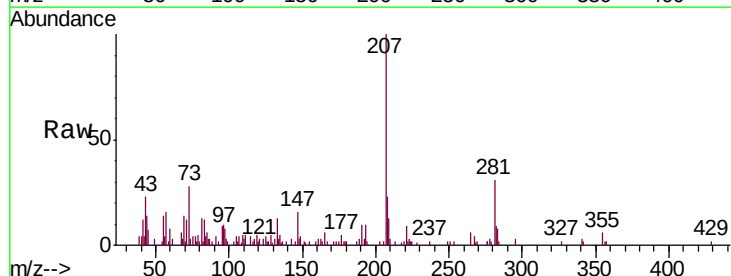
Tgt Ion:276 Resp: 292

Ion Ratio Lower Upper

276 100

138 29.1 21.0 31.4

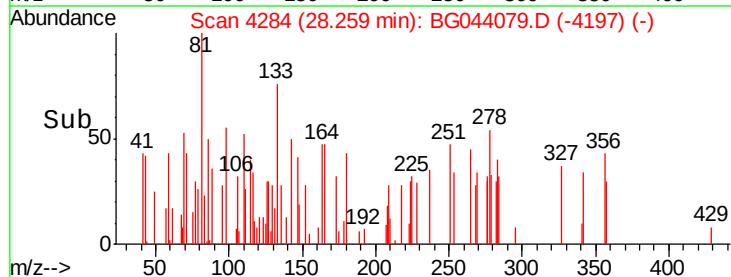
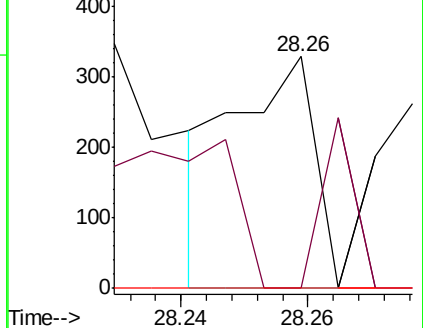
277 0.0 21.1 31.7#

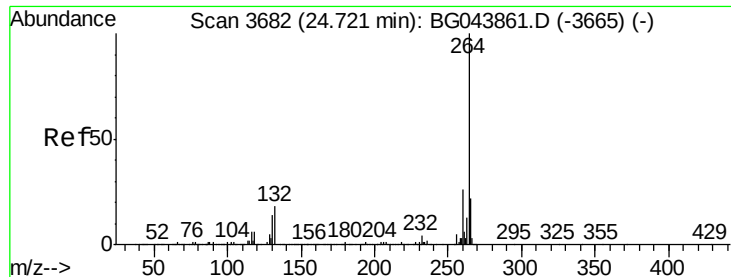


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



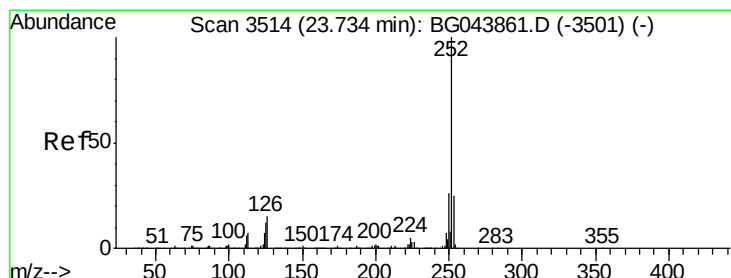
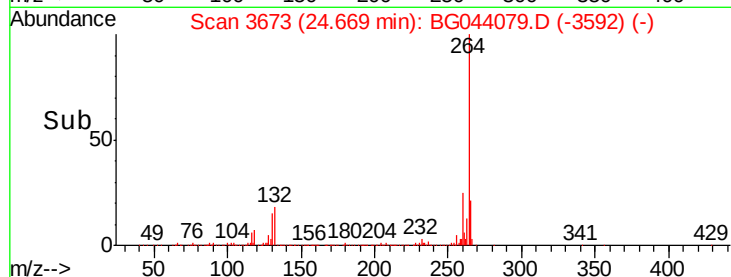
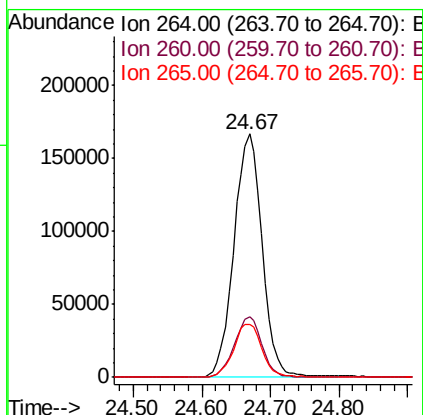
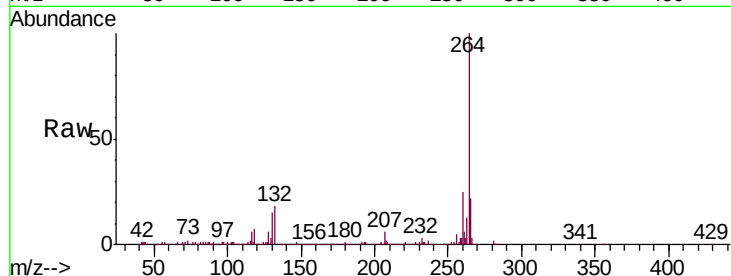


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Instrument :
BNA_G
ClientSampleId :
FEQCFB-01-14-20

Tgt Ion: 264 Resp: 475829

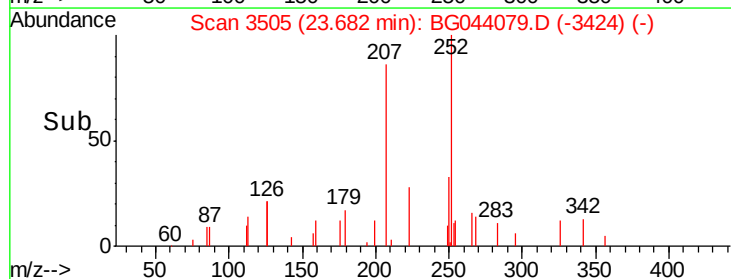
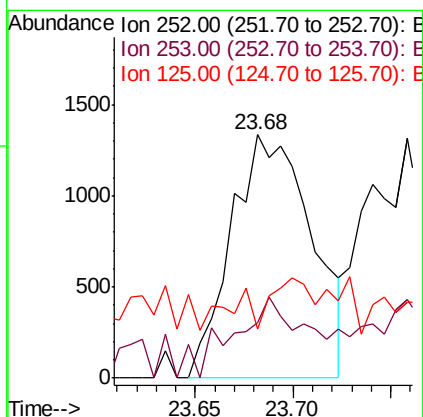
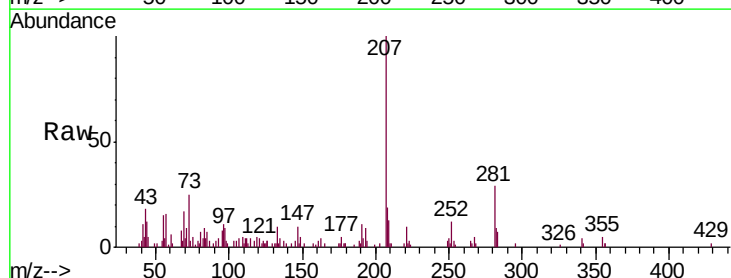
Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	21.5	17.4	26.2

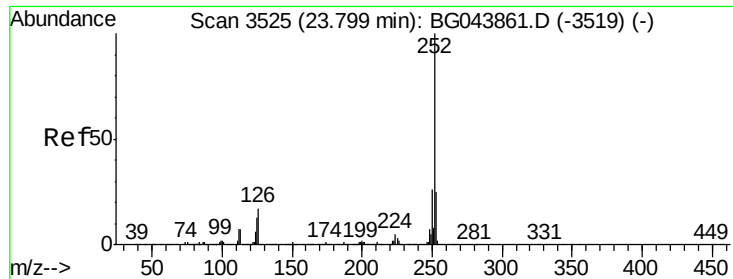


#88
Benzo(b)fluoranthene
Concen: 0.135 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG044079.D
Acq: 17 Jan 2020 18:00

Tgt Ion: 252 Resp: 3809

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.7	29.5
125	20.0	9.4	14.2#





#89

Benzo(k)fluoranthene

Concen: 0.090 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

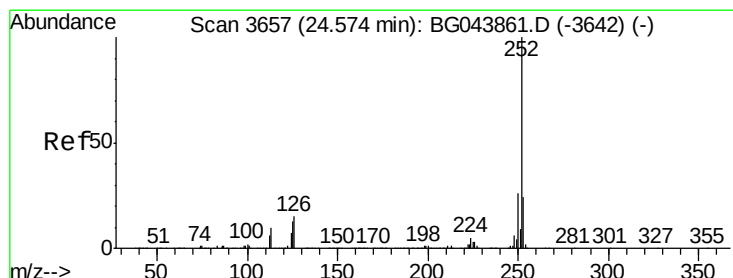
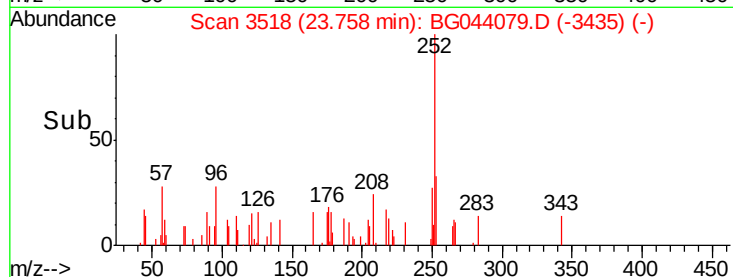
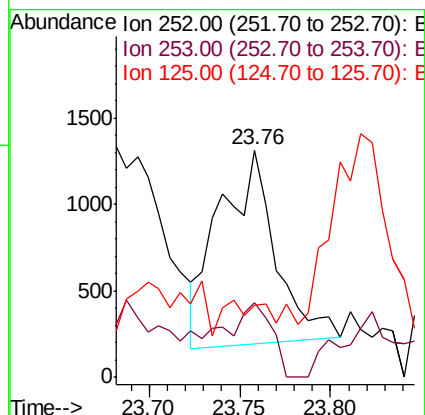
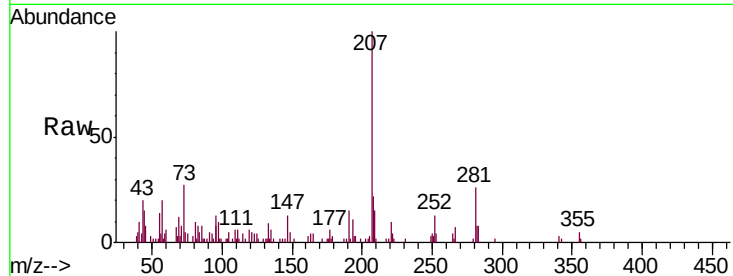
Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

Tgt Ion:	252	Resp:	2410
Ion	Ratio	Lower	Upper
252	100		
253	32.8	19.4	29.2#
125	31.6	9.9	14.9#



#90

Benzo(a)pyrene

Concen: 0.131 ng

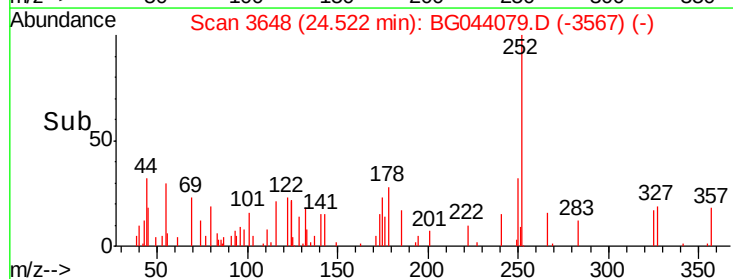
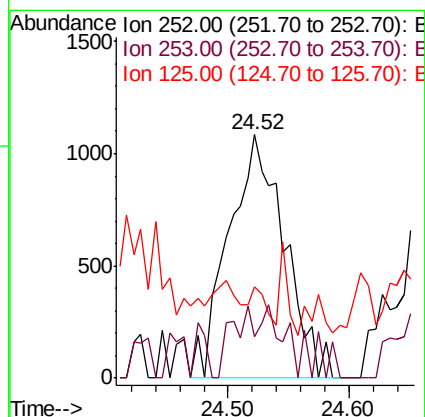
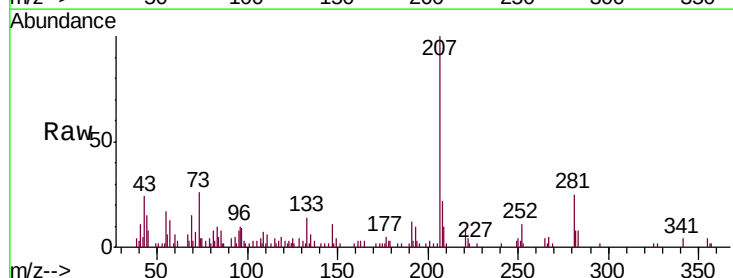
RT: 24.52 min Scan# 3648

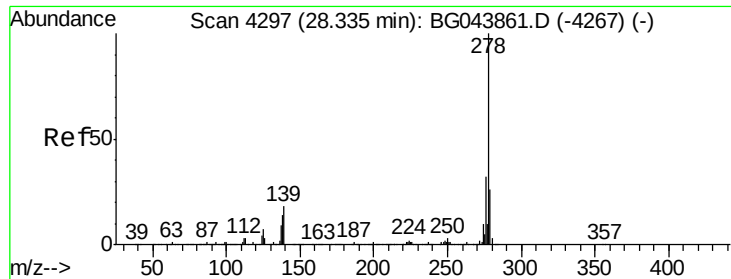
Delta R.T. -0.05 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Tgt Ion:	252	Resp:	3468
Ion	Ratio	Lower	Upper
252	100		
253	16.9	19.3	28.9#
125	37.4	10.4	15.6#





#91

Dibenzo(a,h)anthracene

Concen: 0.026 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.09 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_G

ClientSampleId :

FEQCFB-01-14-20

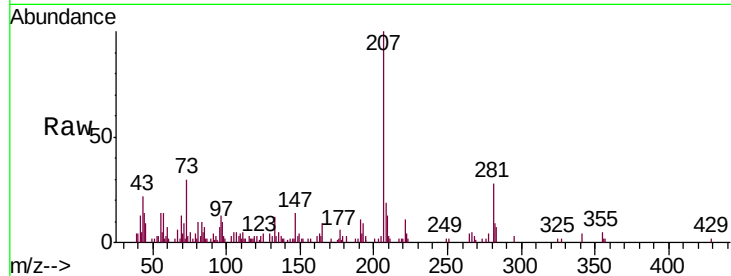
Tgt Ion: 278 Resp: 683

Ion Ratio Lower Upper

278 100

139 54.2 14.2 21.4#

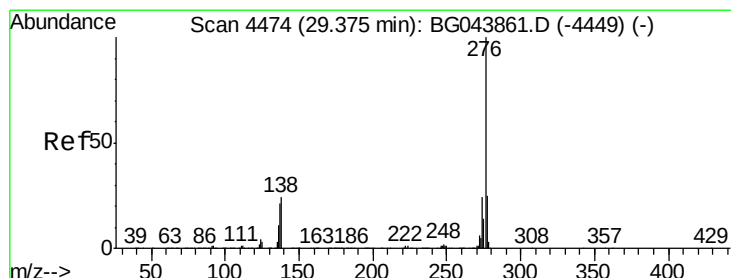
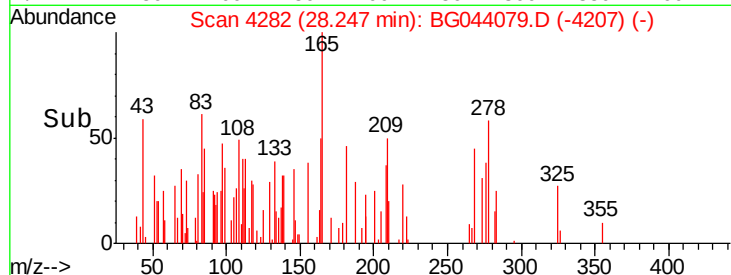
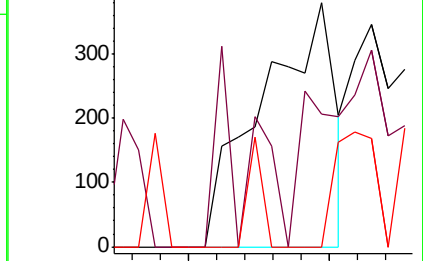
279 0.0 20.6 30.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.076 ng

RT: 29.29 min Scan# 4459

Delta R.T. -0.09 min

Lab File: BG044079.D

Acq: 17 Jan 2020 18:00

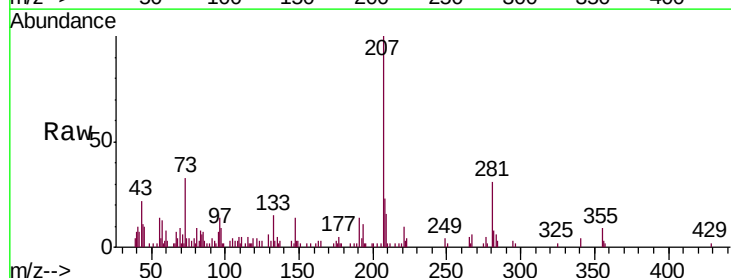
Tgt Ion: 276 Resp: 2018

Ion Ratio Lower Upper

276 100

277 33.6 20.2 30.4#

138 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

