

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037467.D
 Acq On : 11 Nov 2022 15:03
 Operator : CG/JU
 Sample : N5532-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-01

Quant Time: Nov 11 22:56:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	236855	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	962218	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	640813	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1326716	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1108673	20.000	ng	0.00
86) Perylene-d12	23.721	264	920689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	744264	54.287	ng	0.00
7) Phenol-d6	6.987	99	515006	27.678	ng	0.00
23) Nitrobenzene-d5	8.980	82	1615488	84.706	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1275606	168.915	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	4139322	85.827	ng	0.00
79) Terphenyl-d14	19.821	244	4719216	76.333	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.251	88	618	0.110	ng	# 1
3) Pyridine	3.699	79	236	0.014	ng	# 1
4) n-Nitrosodimethylamine	3.616	42	223	0.031	ng	# 1
6) Aniline	7.157	93	307	0.013	ng	# 1
8) 2-Chlorophenol	7.398	128	63	0.004	ng	# 1
9) Benzaldehyde	6.957	77	258	0.027	ng	# 15
10) Phenol	7.022	94	183	0.009	ng	# 1
11) bis(2-Chloroethyl)ether	7.234	93	140	0.008	ng	# 50
15) Benzyl Alcohol	8.045	79	371	0.028	ng	# 27
16) 2,2'-oxybis(1-Chloropr...	8.375	45	283	0.012	ng	# 1
17) 2-Methylphenol	8.275	107	114	0.008	ng	# 1
18) Hexachloroethane	8.869	117	116	0.017	ng	# 3
19) n-Nitroso-di-n-propyla...	8.616	70	722	0.130	ng	# 1
20) 3+4-Methylphenols	8.563	107	59	0.003	ng	# 1
22) Acetophenone	8.651	105	9220	0.369	ng	# 83
24) Nitrobenzene	8.980	77	4858	0.251	ng	# 35
25) Isophorone	9.551	82	412	0.013	ng	# 64
28) bis(2-Chloroethoxy)met...	10.022	93	122	0.006	ng	# 50
30) 1,2,4-Trichlorobenzene	10.475	180	56	0.003	ng	# 12
31) Naphthalene	10.651	128	605	0.011	ng	# 59
36) 4-Chloro-3-methylphenol	11.927	107	55	0.004	ng	# 17
37) 2-Methylnaphthalene	12.516	142	55	0.001	ng	# 48
38) 1-Methylnaphthalene	12.516	142	55	0.002	ng	# 86
46) 1,1'-Biphenyl	13.280	154	543	0.011	ng	# 49
47) 2-Chloronaphthalene	13.339	162	56	0.001	ng	# 40
48) 2-Nitroaniline	13.545	65	283	0.024	ng	# 4
49) Acenaphthylene	14.168	152	454	0.007	ng	# 61
50) Dimethylphthalate	13.927	163	414	0.008	ng	# 77
51) 2,6-Dinitrotoluene	14.057	165	151	0.015	ng	# 22
52) Acenaphthene	14.515	154	133	0.003	ng	# 63
53) 3-Nitroaniline	14.445	138	54	0.005	ng	# 1
55) Dibenzofuran	14.857	168	473	0.008	ng	# 29
57) 2,4-Dinitrotoluene	14.845	165	134	0.010	ng	# 22
58) Fluorene	15.509	166	520	0.010	ng	# 87
60) Diethylphthalate	15.280	149	4331	0.091	ng	# 91
61) 4-Chlorophenyl-phenyle...	15.504	204	133	0.006	ng	# 62

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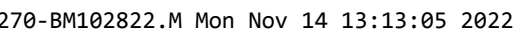
Instrument :
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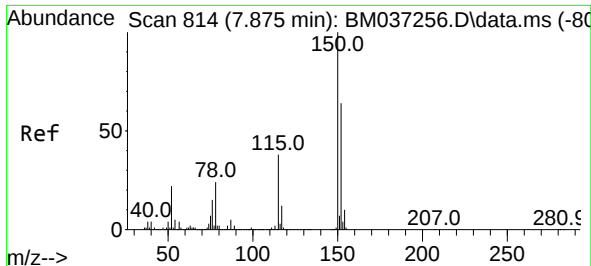
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) Azobenzene	15.786	77	414	0.009	ng	# 34
66) n-Nitrosodiphenylamine	15.945	169	36980	0.825	ng	# 43
67) 4-Bromophenyl-phenylether	16.139	248	58	0.004	ng	# 1
71) Phenanthrene	17.245	178	1768	0.021	ng	# 85
72) Anthracene	17.333	178	1236	0.016	ng	# 71
73) Carbazole	17.586	167	54	0.001	ng	# 59
74) Di-n-butylphthalate	18.168	149	10849	0.137	ng	# 99
75) Fluoranthene	19.262	202	1002	0.012	ng	# 46
78) Pyrene	19.627	202	1147	0.013	ng	# 47
80) Butylbenzylphthalate	20.492	149	405	0.013	ng	# 99
81) Benzo(a)anthracene	21.380	228	3144	0.040	ng	# 76
82) 3,3'-Dichlorobenzidine	21.280	252	626	0.027	ng	# 51
83) Chrysene	21.421	228	967	0.013	ng	# 51
84) Bis(2-ethylhexyl)phtha...	21.291	149	6187	0.151	ng	# 98
85) Di-n-octyl phthalate	22.197	149	1206	0.019	ng	# 67
87) Indeno(1,2,3-cd)pyrene	26.144	276	1049	0.014	ng	# 54
88) Benzo(b)fluoranthene	23.009	252	2007	0.031	ng	# 1
89) Benzo(k)fluoranthene	23.044	252	649	0.010	ng	# 1
90) Benzo(a)pyrene	23.609	252	794	0.015	ng	# 1
91) Dibenzo(a,h)anthracene	26.144	278	522	0.008	ng	# 1
92) Benzo(g,h,i)perylene	26.885	276	497	0.008	ng	# 12

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

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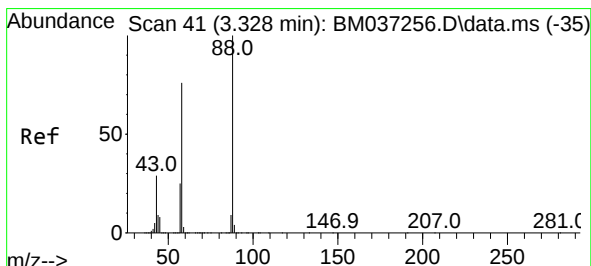
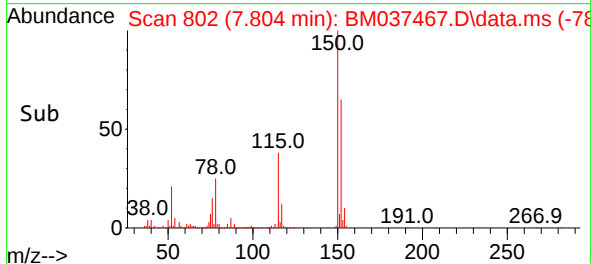
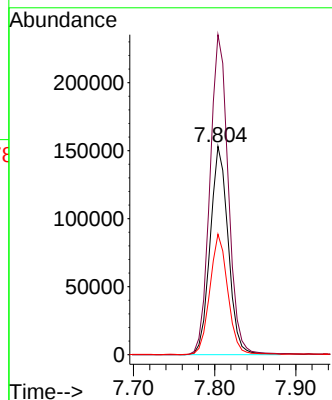
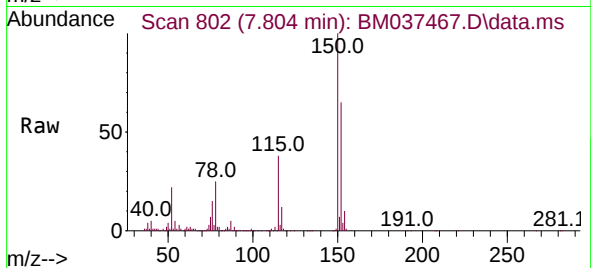




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

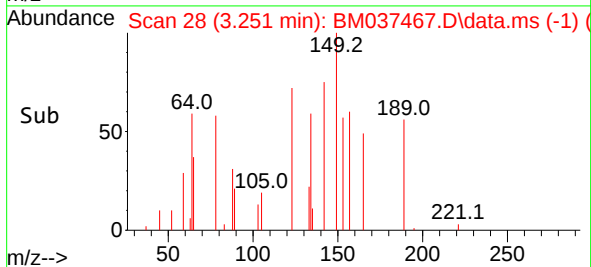
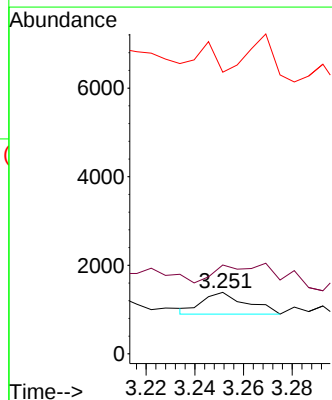
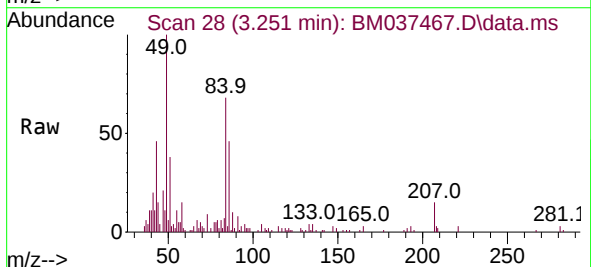
Instrument :
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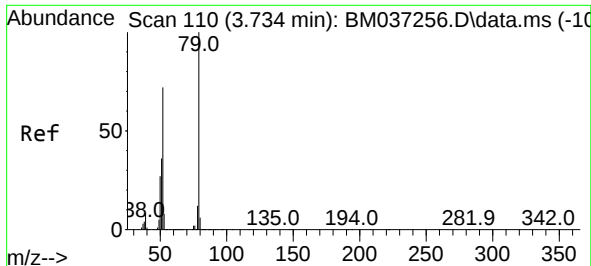
Tgt Ion:152 Resp: 236855
Ion Ratio Lower Upper
152 100
150 153.7 124.8 187.2
115 57.8 47.0 70.4



#2
1,4-Dioxane
Concen: 0.110 ng
RT: 3.251 min Scan# 28
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 88 Resp: 618
Ion Ratio Lower Upper
88 100
58 186.7 63.5 95.3#
43 113.6 24.2 36.4#

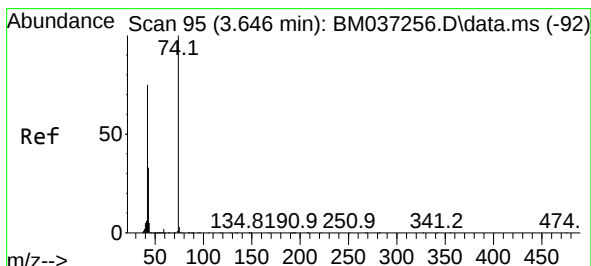
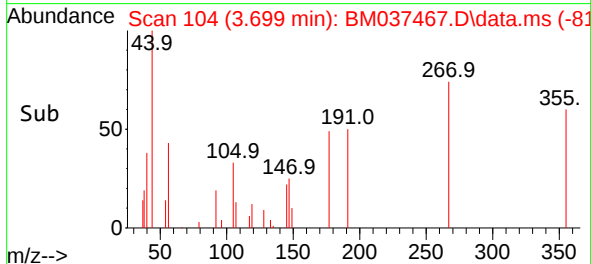
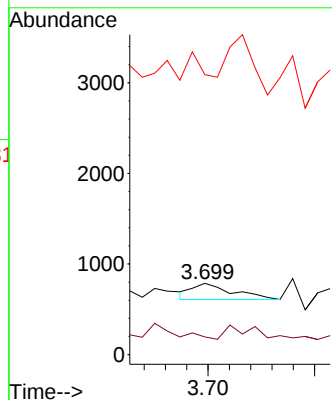
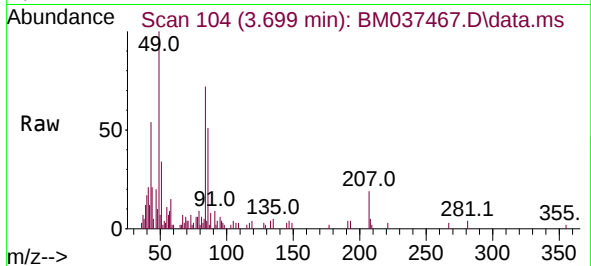




#3
 Pyridine
 Concen: 0.014 ng
 RT: 3.699 min Scan# 10
 Delta R.T. 0.035 min
 Lab File: BM037467.D
 Acq: 11 Nov 2022 15:03

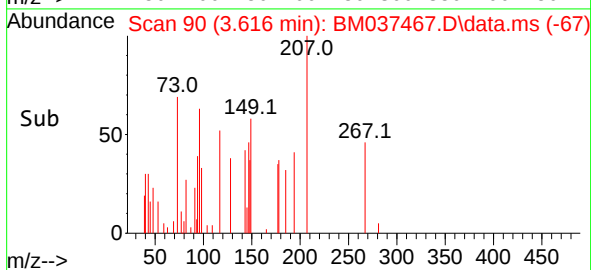
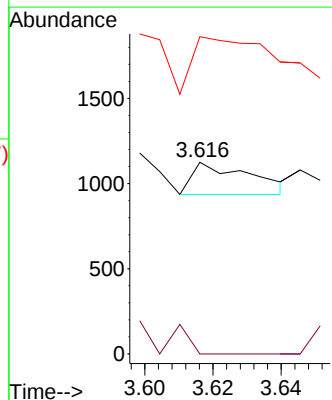
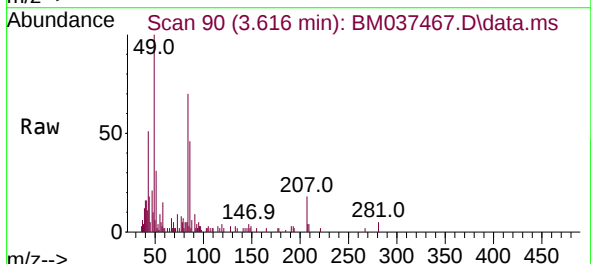
Instrument :
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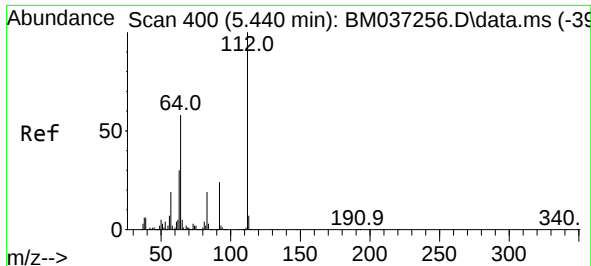
Tgt Ion: 79 Resp: 236
 Ion Ratio Lower Upper
 79 100
 52 24.9 57.8 86.6#
 51 392.6 29.0 43.6#



#4
 n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.616 min Scan# 90
 Delta R.T. 0.035 min
 Lab File: BM037467.D
 Acq: 11 Nov 2022 15:03

Tgt Ion: 42 Resp: 223
 Ion Ratio Lower Upper
 42 100
 74 0.0 106.2 159.2#
 44 165.6 5.4 8.0#

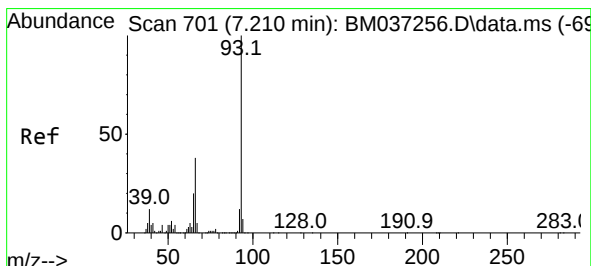
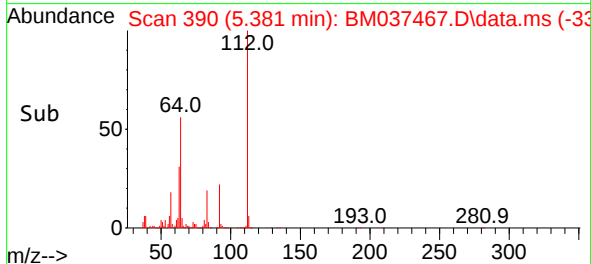
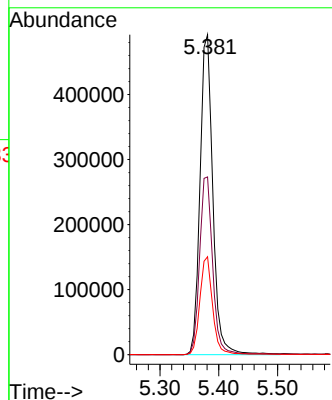
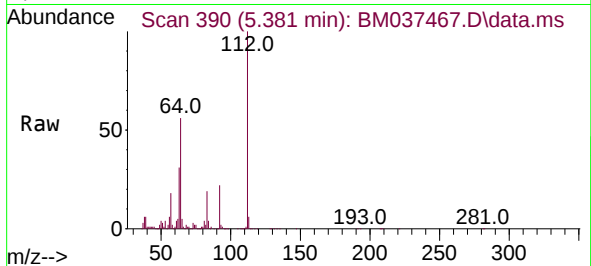




#5
2-Fluorophenol
Concen: 54.287 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

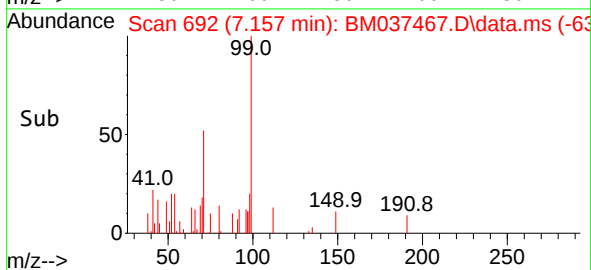
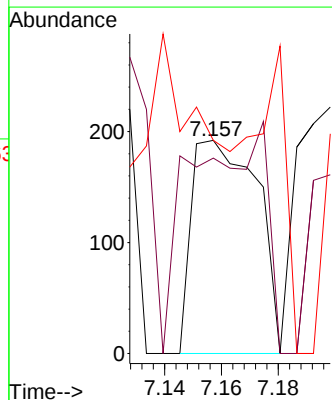
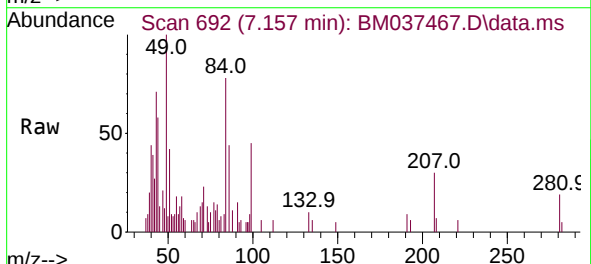
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ClientSampleId :
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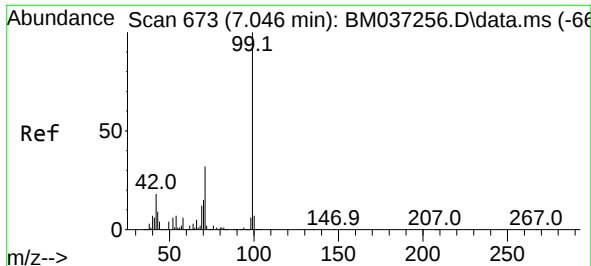
Tgt Ion:112 Resp: 744264
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 30.6 24.4 36.6



#6
Aniline
Concen: 0.013 ng
RT: 7.157 min Scan# 692
Delta R.T. 0.012 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 93 Resp: 307
Ion Ratio Lower Upper
93 100
66 91.7 30.4 45.6#
65 100.0 16.2 24.2#

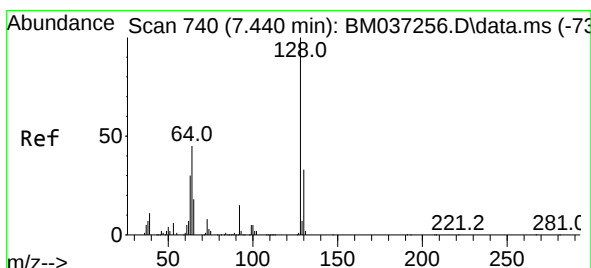
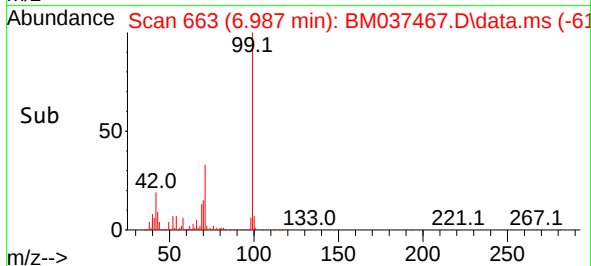
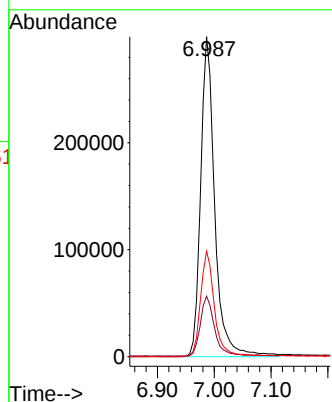
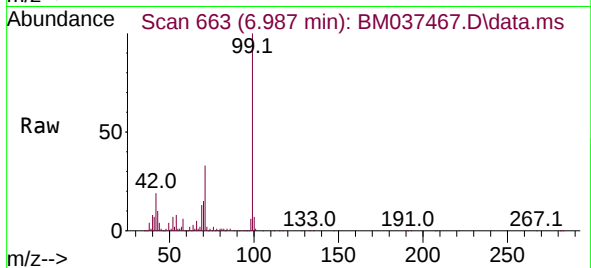




#7
Phenol-d6
Concen: 27.678 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

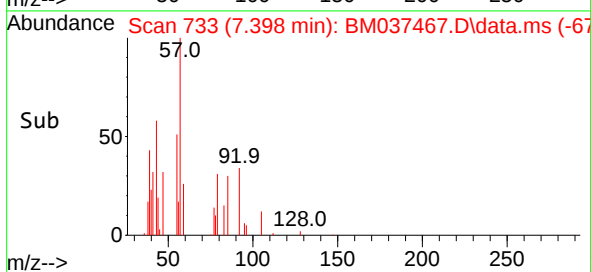
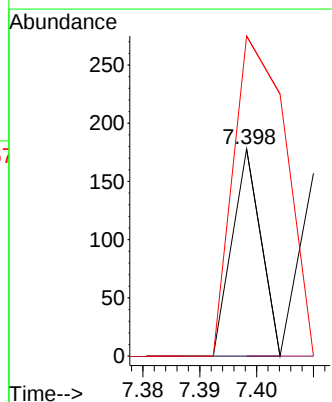
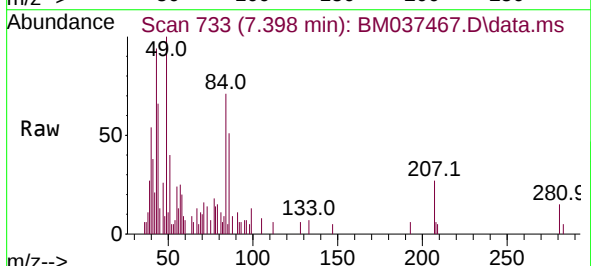
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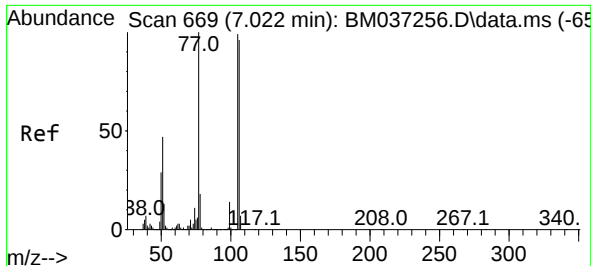
Tgt Ion: 99 Resp: 515006
Ion Ratio Lower Upper
99 100
42 18.9 14.8 22.2
71 33.0 25.6 38.4



#8
2-Chlorophenol
Concen: 0.004 ng
RT: 7.398 min Scan# 733
Delta R.T. 0.023 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 128 Resp: 63
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 154.5 26.4 66.4#

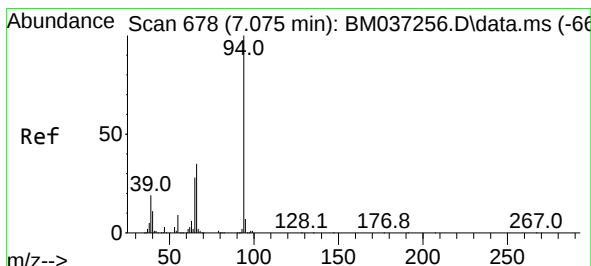
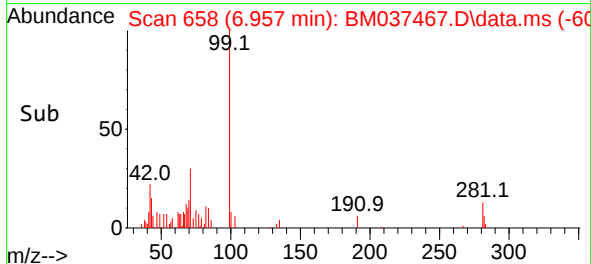
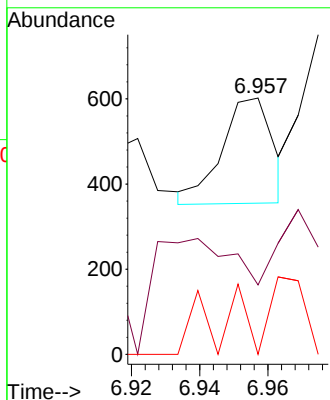
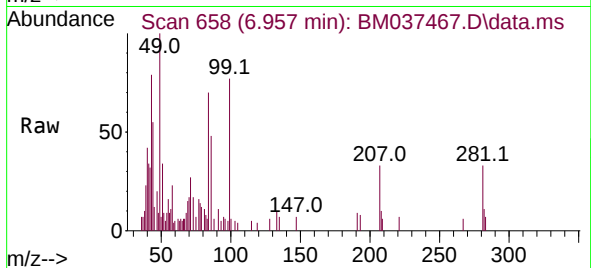




#9
Benzaldehyde
Concen: 0.027 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

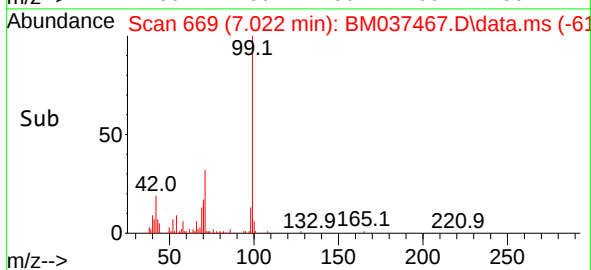
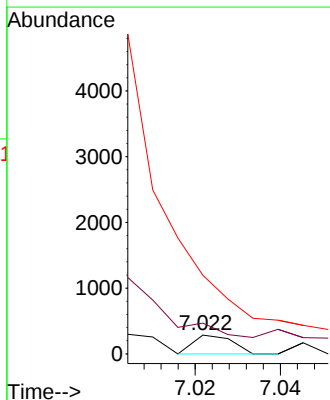
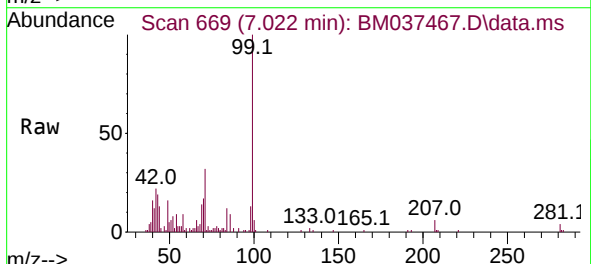
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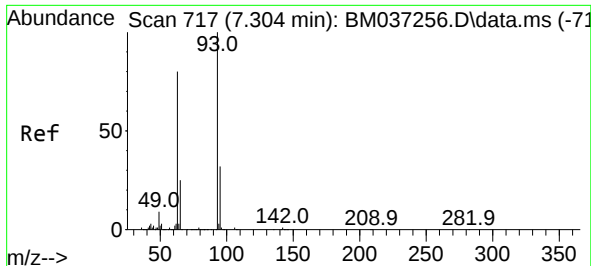
Tgt Ion: 77 Resp: 258
Ion Ratio Lower Upper
77 100
105 27.1 78.6 118.6#
106 0.0 75.8 115.8#



#10
Phenol
Concen: 0.009 ng
RT: 7.022 min Scan# 669
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 94 Resp: 183
Ion Ratio Lower Upper
94 100
65 163.4 8.1 48.1#
66 417.1 15.5 55.5#

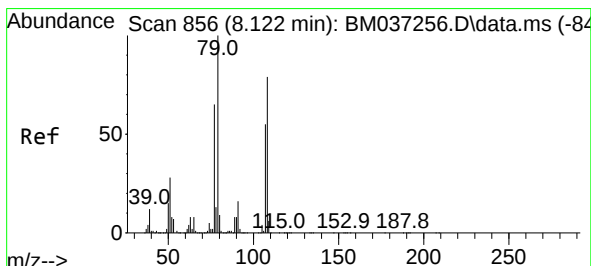
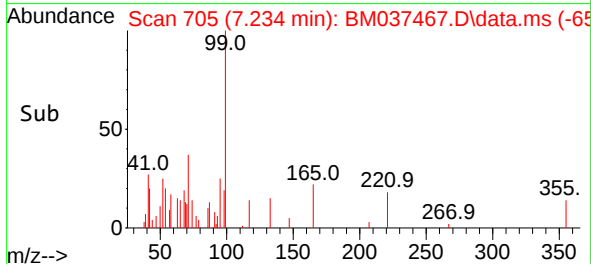
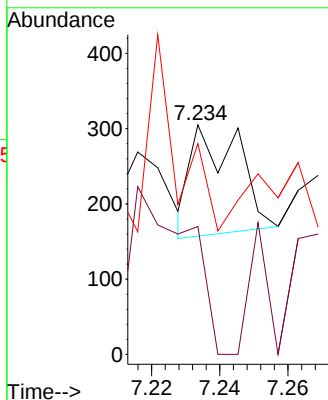
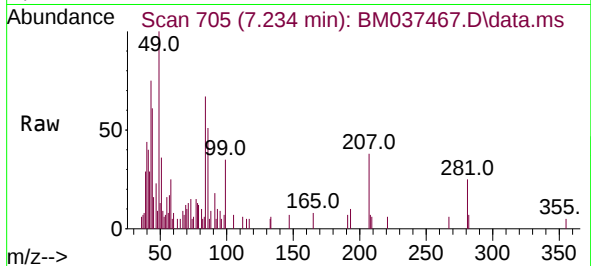




#11
bis(2-Chloroethyl)ether
Concen: 0.008 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

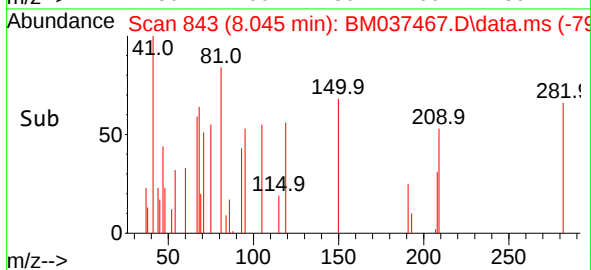
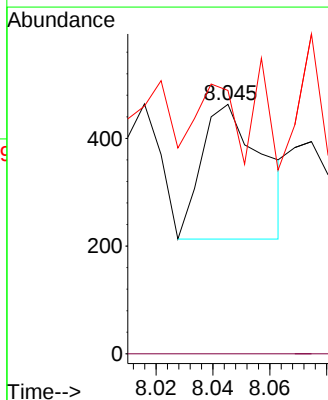
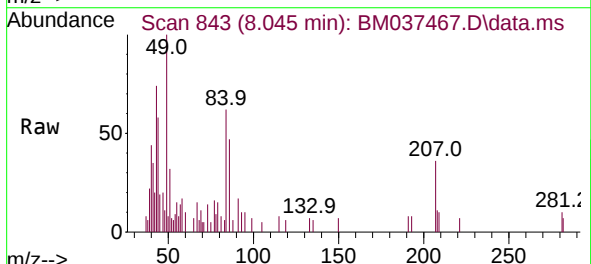
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ClientSampleId :
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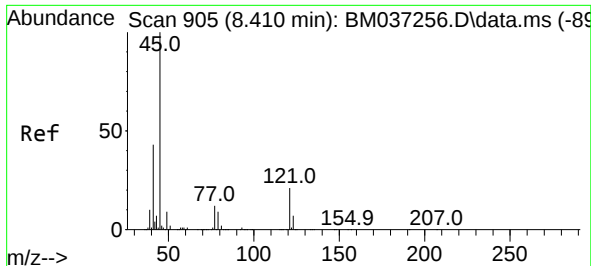
Tgt Ion: 93 Resp: 140
Ion Ratio Lower Upper
93 100
63 55.7 59.3 99.3#
95 91.8 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.028 ng
RT: 8.045 min Scan# 843
Delta R.T. -0.018 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 79 Resp: 371
Ion Ratio Lower Upper
79 100
108 0.0 63.1 94.7#
77 105.6 51.7 77.5#

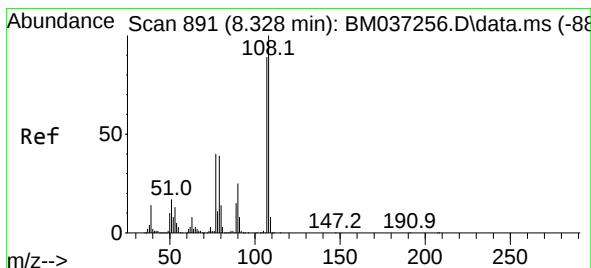
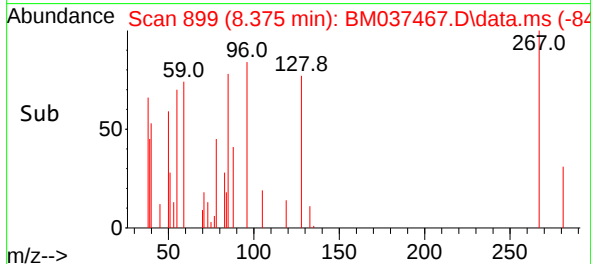
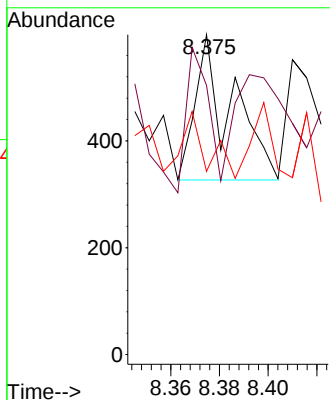
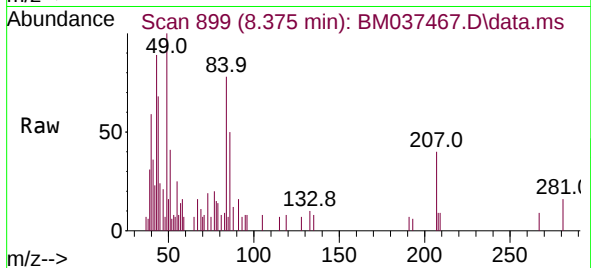




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.012 ng
RT: 8.375 min Scan# 899
Delta R.T. 0.029 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

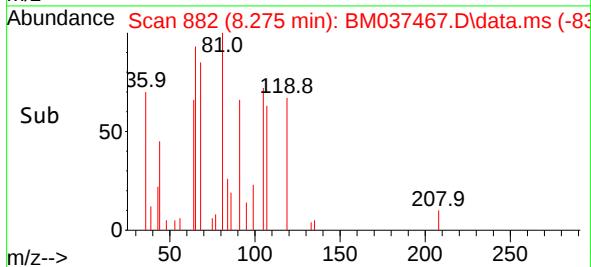
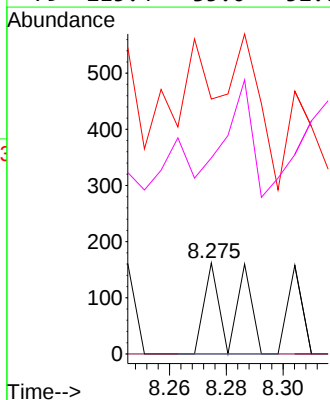
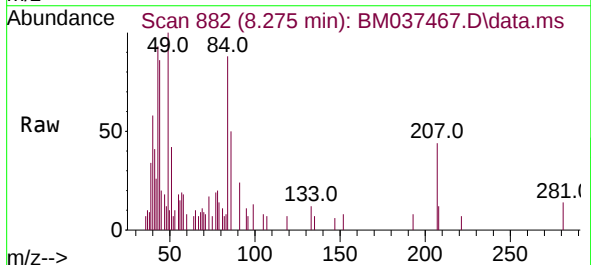
Instrument :
BNA_M
ClientSampleId :
FB-01

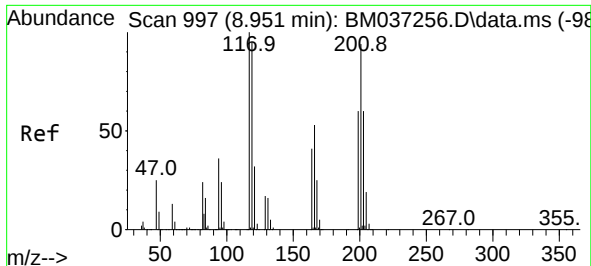
Tgt Ion: 45 Resp: 283
Ion Ratio Lower Upper
45 100
77 84.1 0.0 34.0#
79 57.3 0.0 30.6#



#17
2-Methylphenol
Concen: 0.008 ng
RT: 8.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 107 Resp: 114
Ion Ratio Lower Upper
107 100
108 0.0 89.5 134.3#
77 280.2 36.2 54.2#
79 215.4 35.0 52.6#

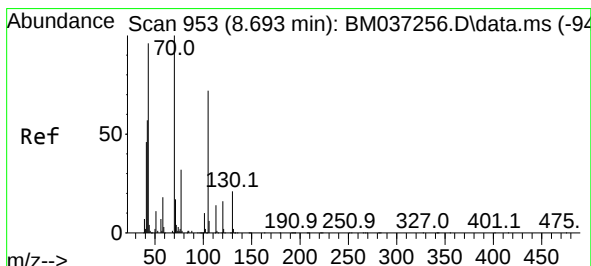
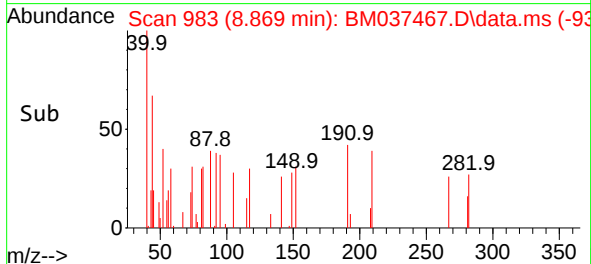
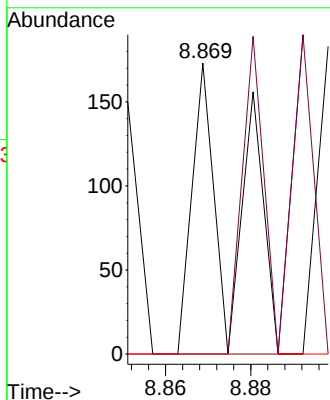
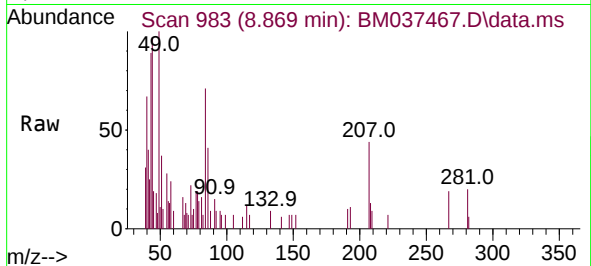




#18
Hexachloroethane
Concen: 0.017 ng
RT: 8.869 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

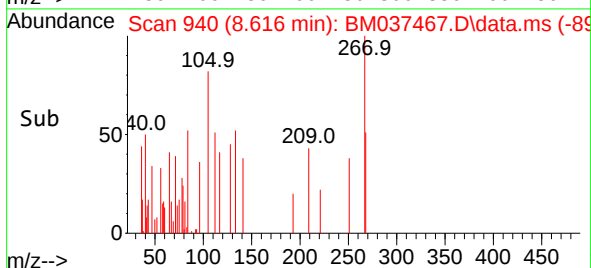
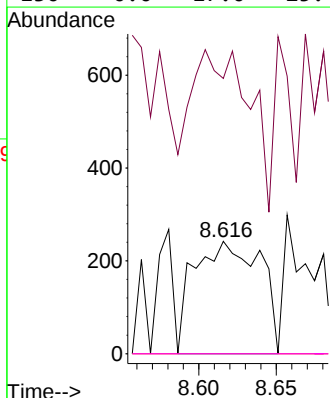
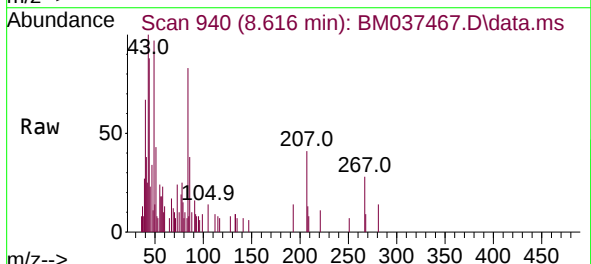
Instrument :
BNA_M
ClientSampleId :
FB-01

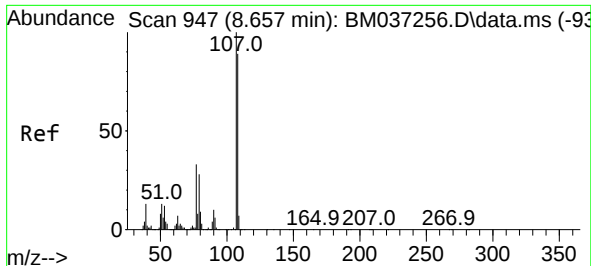
Tgt Ion:117 Resp: 116
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.130 ng
RT: 8.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 70 Resp: 722
Ion Ratio Lower Upper
70 100
42 245.0 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

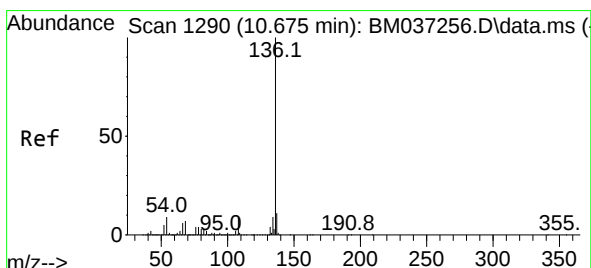
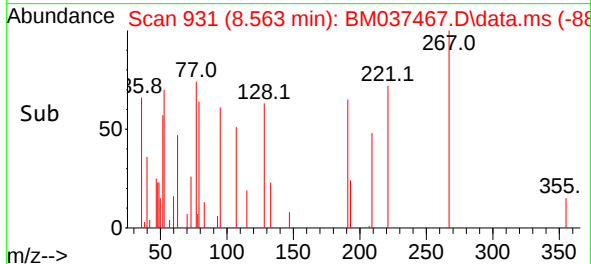
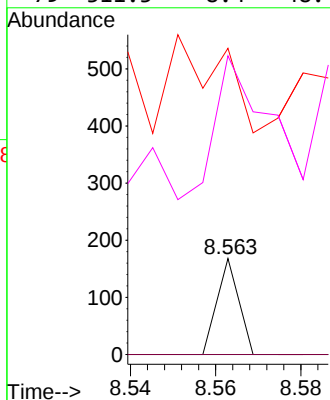
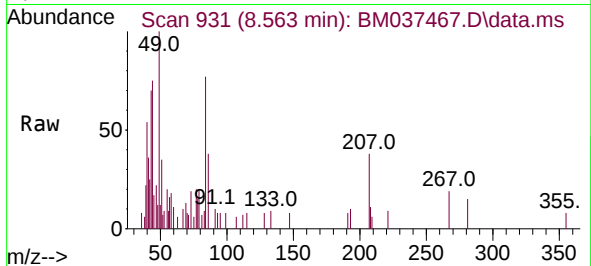




#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.563 min Scan# 947
Delta R.T. -0.035 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

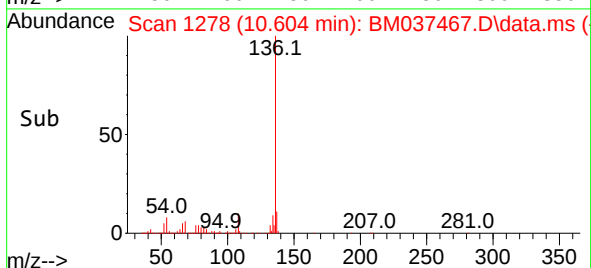
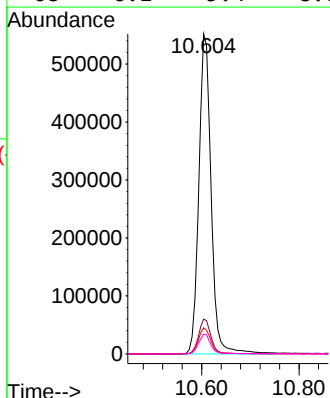
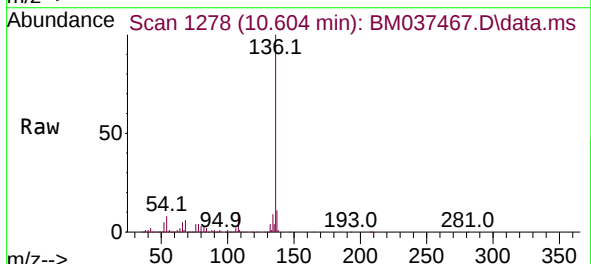
Instrument :
BNA_M
ClientSampleId :
FB-01

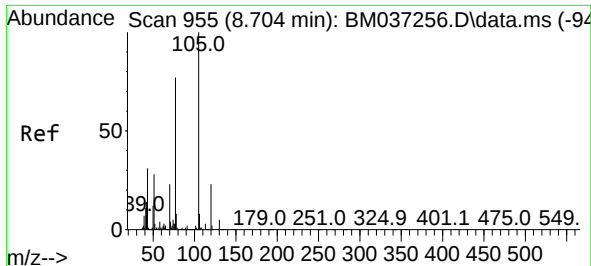
Tgt Ion:107 Resp: 59
Ion Ratio Lower Upper
107 100
108 0.0 69.4 109.4#
77 319.0 12.8 52.8#
79 311.3 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:136 Resp: 962218
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.0 10.4
68 6.1 5.4 8.0

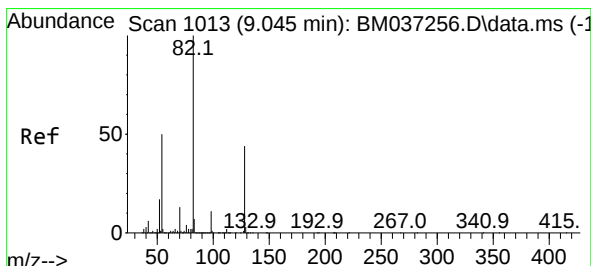
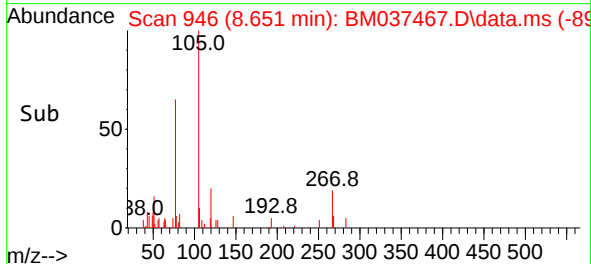
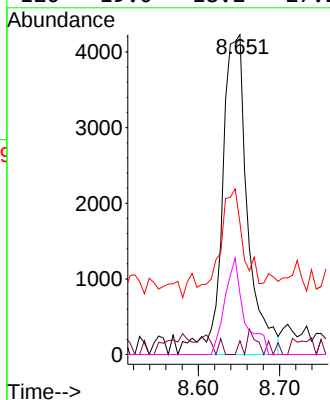
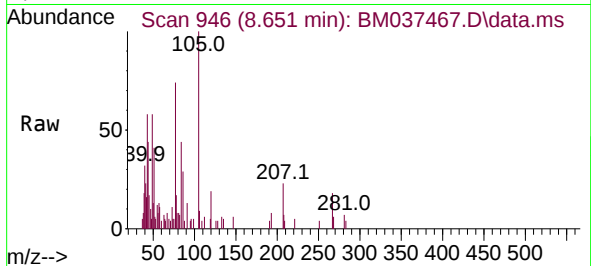




#22
Acetophenone
Concen: 0.369 ng
RT: 8.651 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

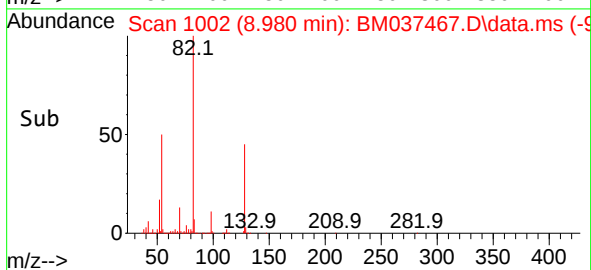
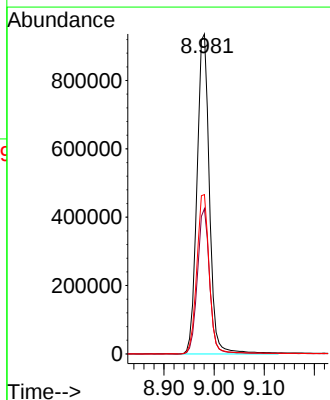
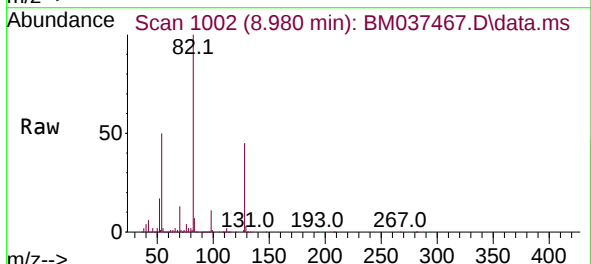
Instrument :
BNA_M
ClientSampleId :
FB-01

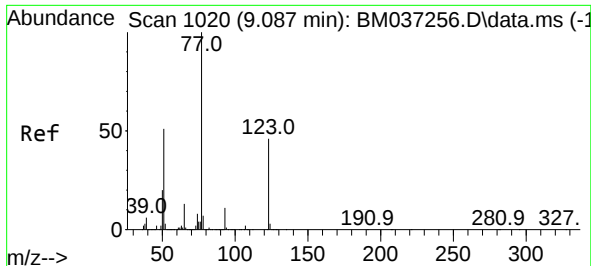
Tgt Ion:	105	Resp:	9220
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.0	4.4
51	41.1	22.1	33.1
120	19.0	18.2	27.2



#23
Nitrobenzene-d5
Concen: 84.706 ng
RT: 8.980 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:	82	Resp:	1615488
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.2	52.8
54	49.8	40.4	60.6

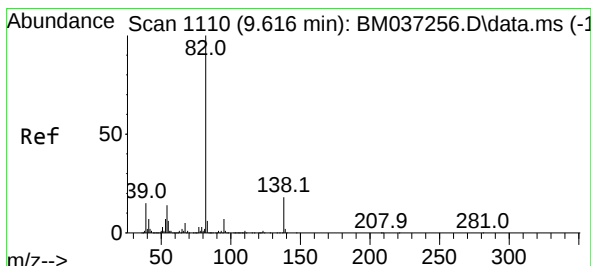
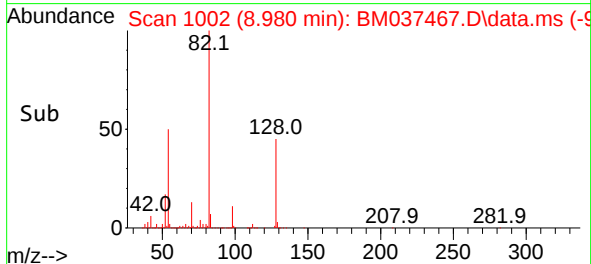
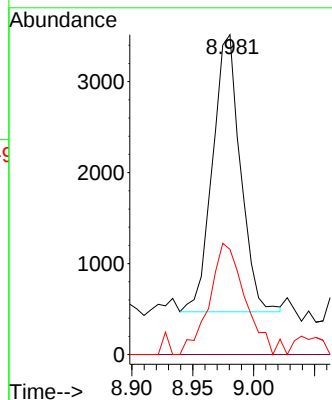
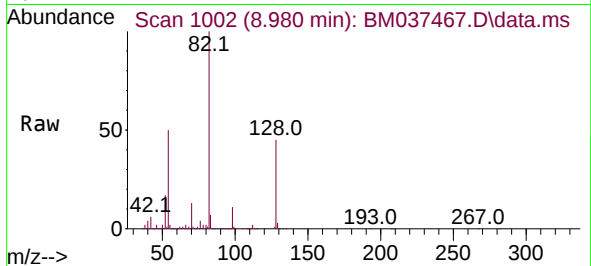




#24
Nitrobenzene
Concen: 0.251 ng
RT: 8.980 min Scan# 10
Delta R.T. -0.041 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

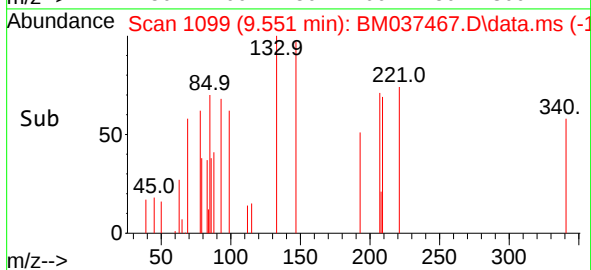
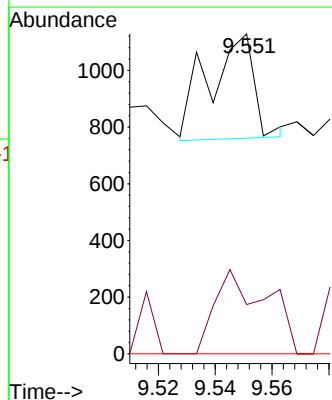
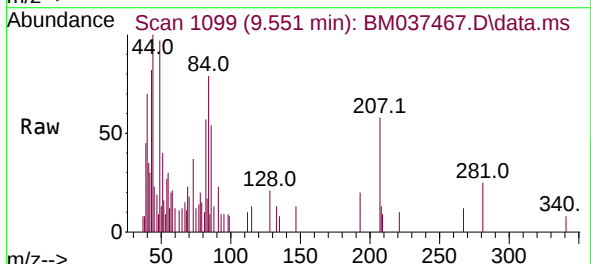
Instrument :
BNA_M
ClientSampleId :
FB-01

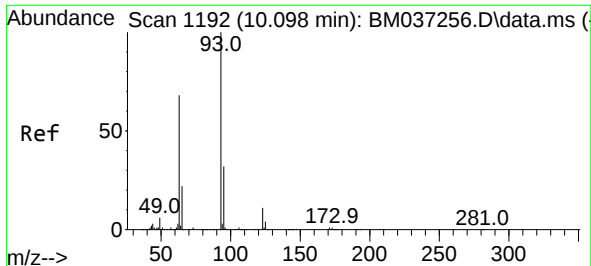
Tgt Ion: 77 Resp: 4858
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 32.9 10.6 16.0#



#25
Isophorone
Concen: 0.013 ng
RT: 9.551 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 82 Resp: 412
Ion Ratio Lower Upper
82 100
95 15.4 5.4 8.0#
138 0.0 14.2 21.4#

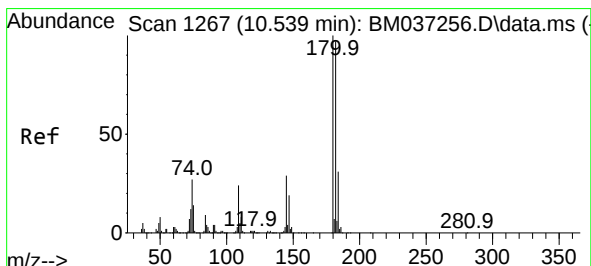
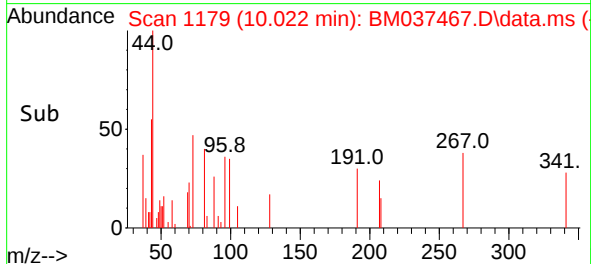
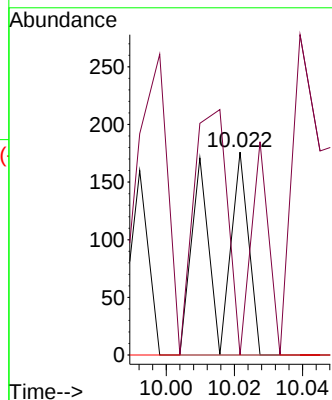
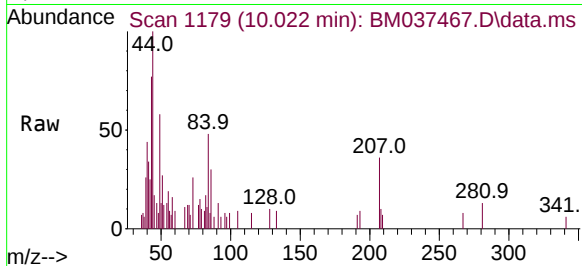




#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

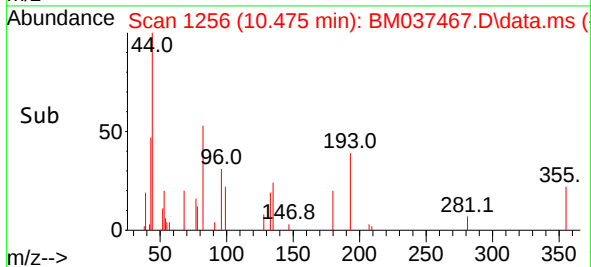
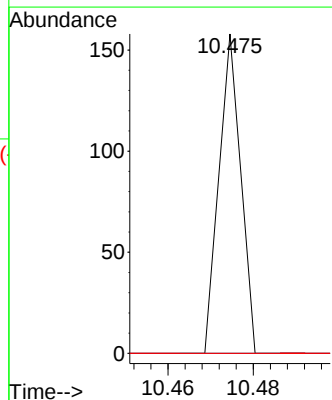
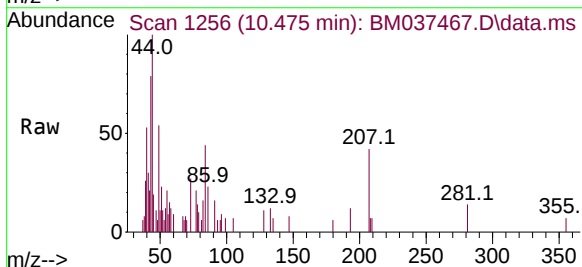
Instrument :
BNA_M
ClientSampleId :
FB-01

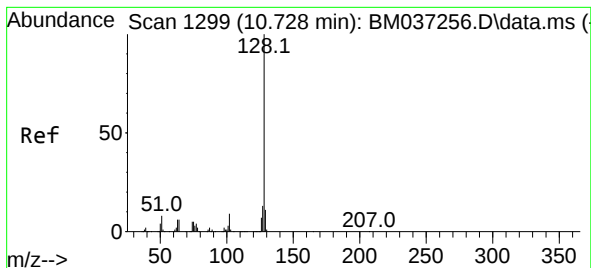
Tgt Ion: 93 Resp: 122
Ion Ratio Lower Upper
93 100
95 0.0 25.8 38.8#
123 0.0 9.3 13.9#



#30
1,2,4-Trichlorobenzene
Concen: 0.003 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:180 Resp: 56
Ion Ratio Lower Upper
180 100
182 0.0 77.5 116.3#
145 0.0 23.5 35.3#





#31

Naphthalene

Concen: 0.011 ng

RT: 10.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01

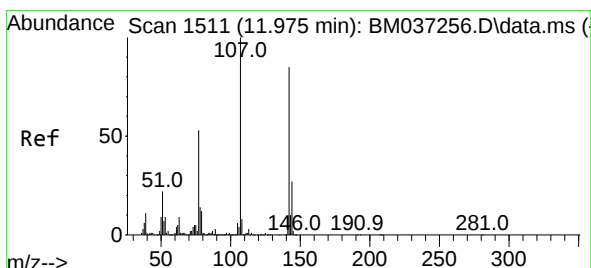
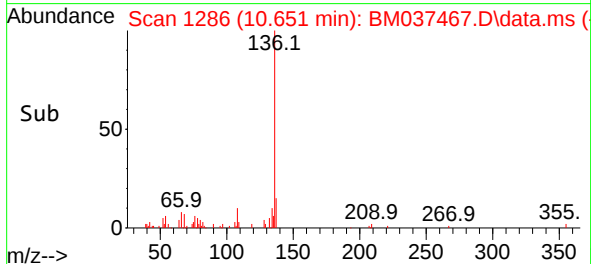
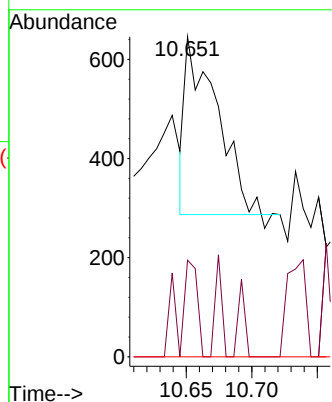
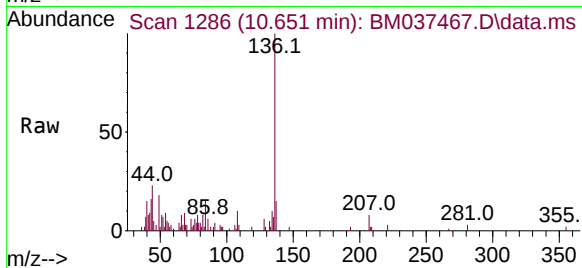
Tgt Ion:128 Resp: 605

Ion Ratio Lower Upper

128 100

129 30.2 8.7 13.1#

127 0.0 10.2 15.2#



#36

4-Chloro-3-methylphenol

Concen: 0.004 ng

RT: 11.927 min Scan# 1503

Delta R.T. 0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

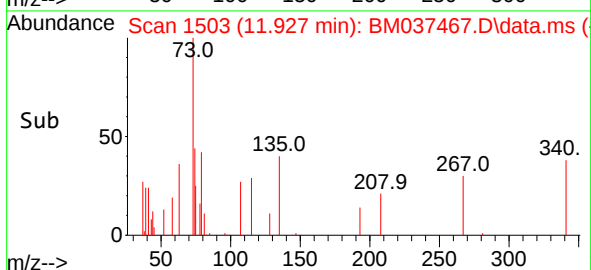
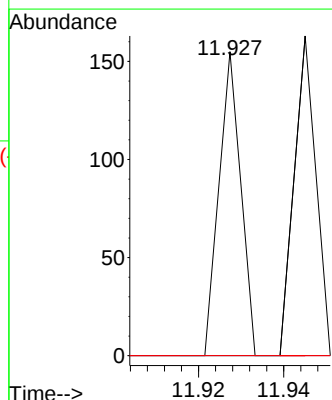
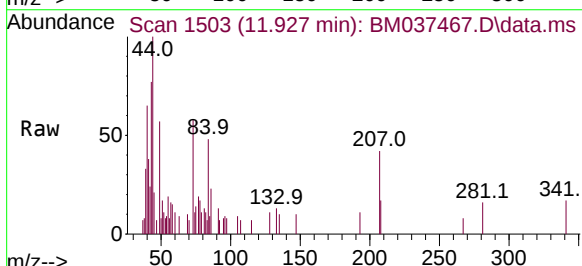
Tgt Ion:107 Resp: 55

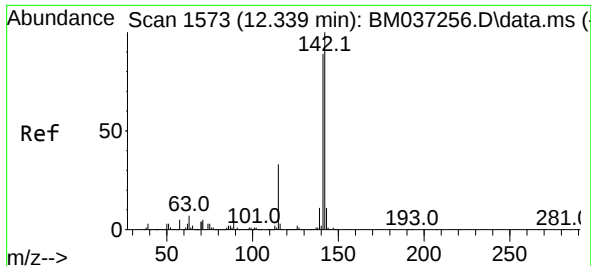
Ion Ratio Lower Upper

107 100

144 0.0 21.8 32.6#

142 0.0 68.1 102.1#





#37

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.516 min Scan# 1603

Delta R.T. 0.241 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

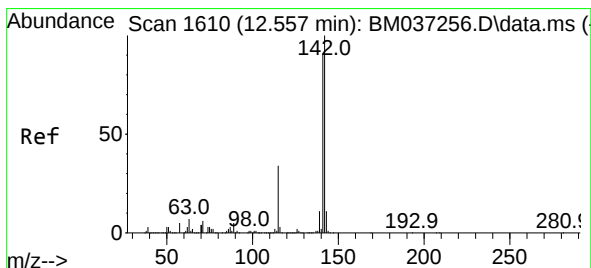
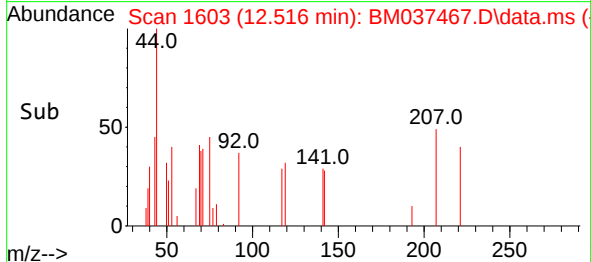
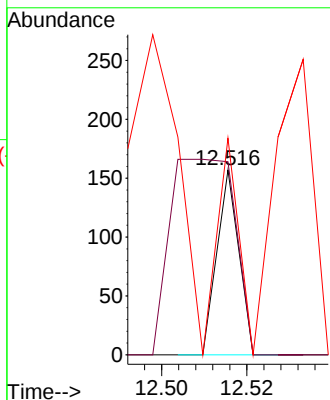
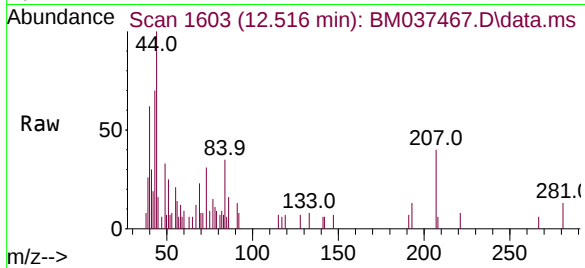
Instrument :

BNA_M

ClientSampleId :

FB-01

Tgt Ion:	142	Resp:	55
Ion	Ratio	Lower	Upper
142	100		
141	104.5	71.3	106.9
115	117.2	26.0	39.0



#38

1-Methylnaphthalene

Concen: 0.002 ng

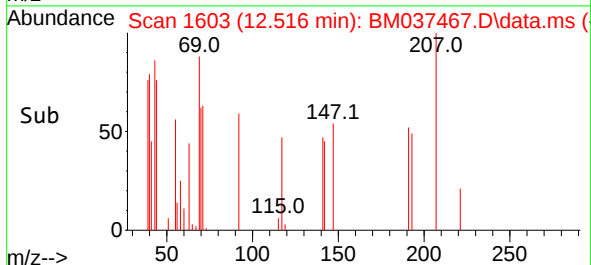
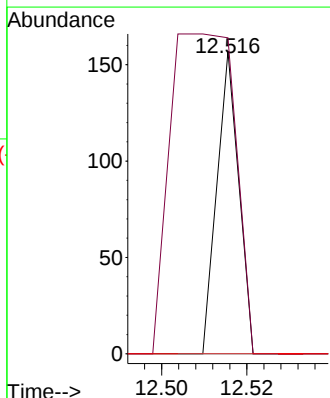
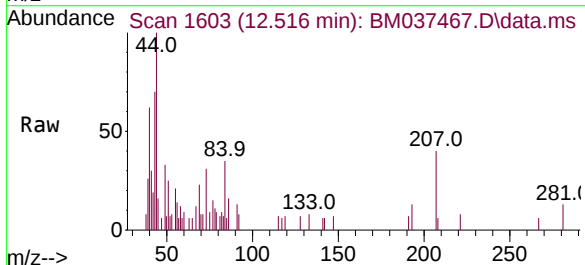
RT: 12.516 min Scan# 1603

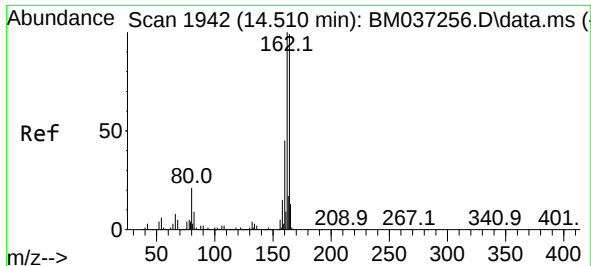
Delta R.T. 0.023 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Tgt Ion:	142	Resp:	55
Ion	Ratio	Lower	Upper
142	100		
141	104.5	73.0	109.6
116	0.0	2.8	4.2

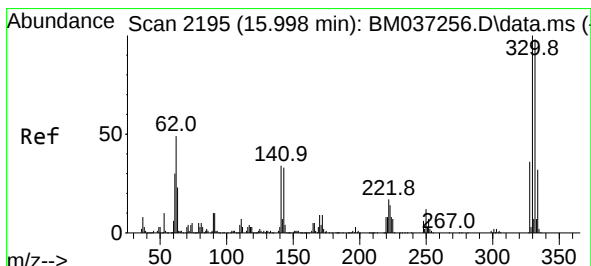
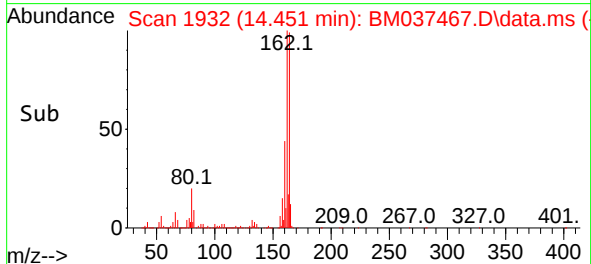
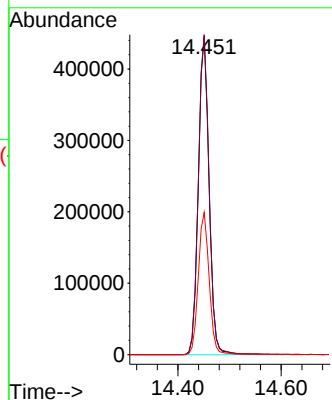
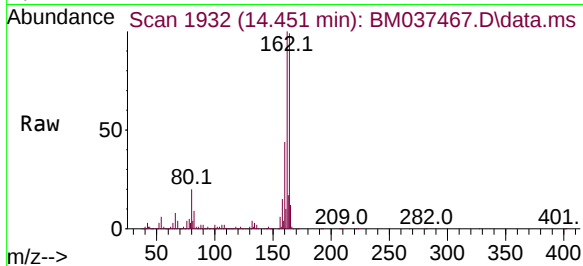




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

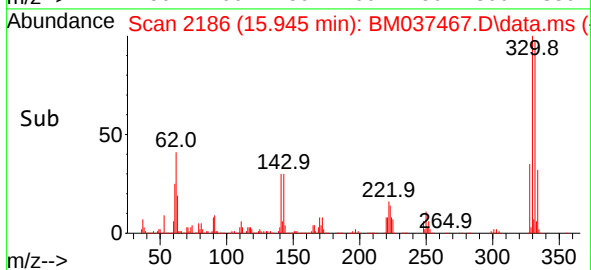
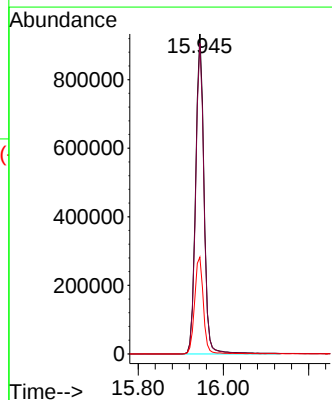
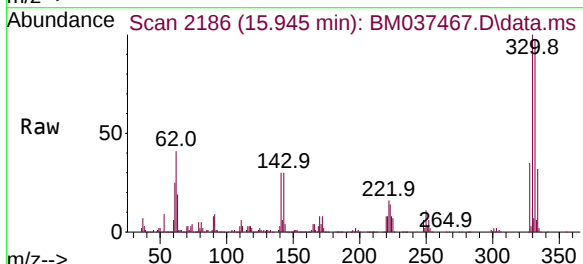
Instrument :
BNA_M
ClientSampleId :
FB-01

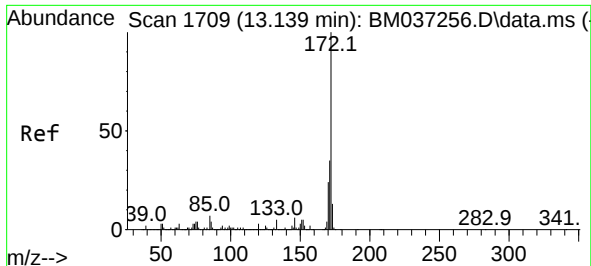
Tgt Ion:164 Resp: 640813
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 168.915 ng
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:330 Resp: 1275606
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 31.5 27.5 41.3

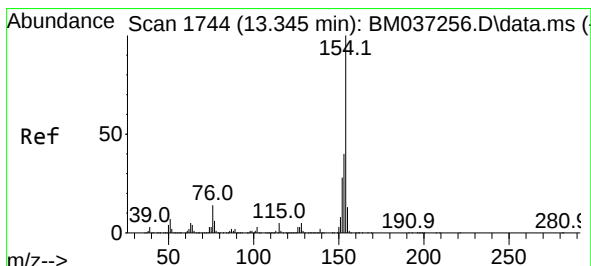
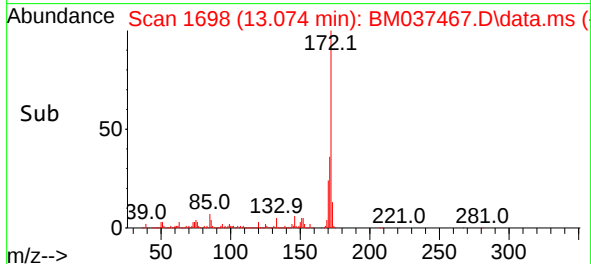
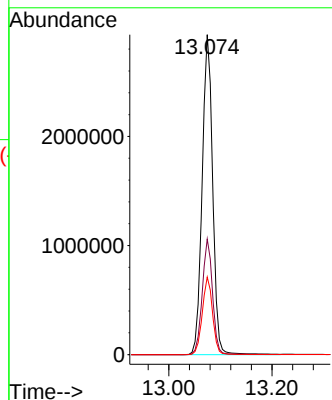
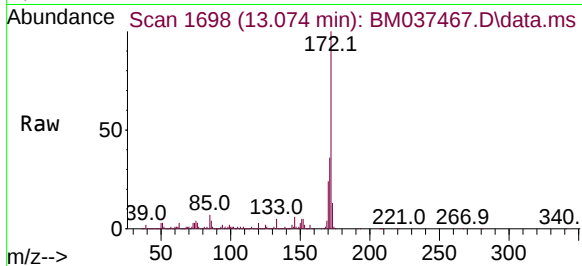




#45
2-Fluorobiphenyl
Concen: 85.827 ng
RT: 13.074 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

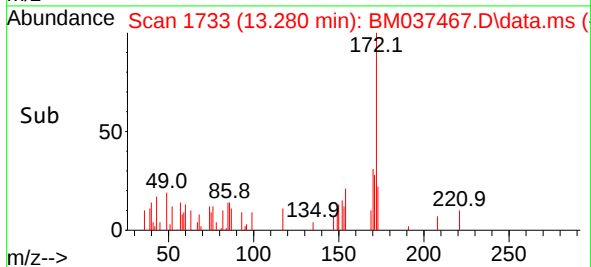
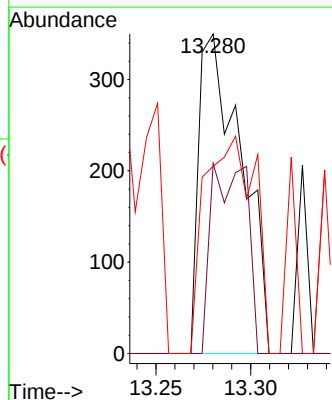
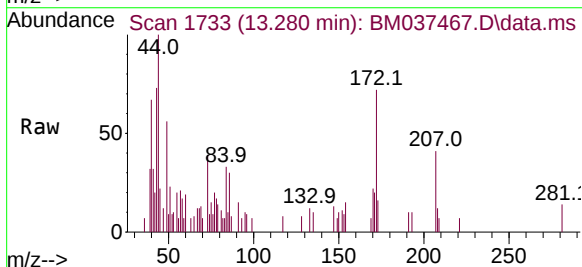
Instrument :
BNA_M
ClientSampleId :
FB-01

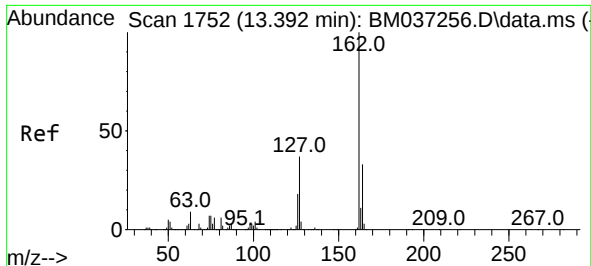
Tgt Ion:172 Resp: 4139322
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 0.011 ng
RT: 13.280 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:154 Resp: 543
Ion Ratio Lower Upper
154 100
153 59.4 20.3 60.3
76 58.6 0.0 33.7#





#47

2-Chloronaphthalene

Concen: 0.001 ng

RT: 13.339 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

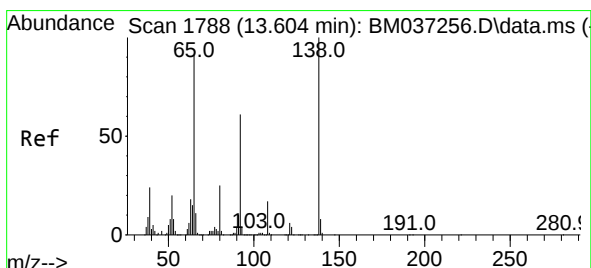
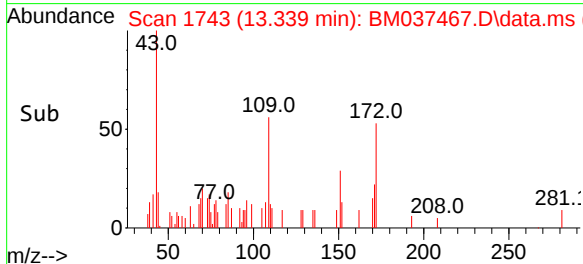
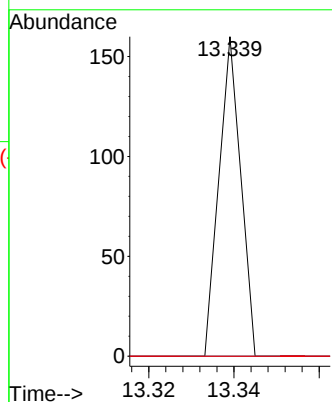
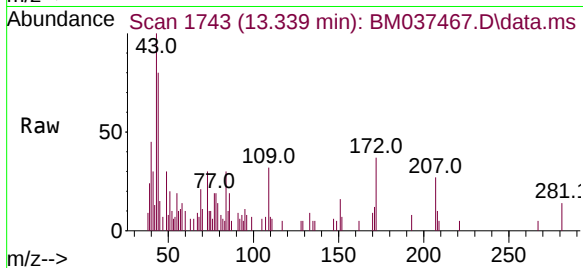
Instrument :

BNA_M

ClientSampleId :

FB-01

Tgt Ion:	162	Resp:	56
Ion Ratio	Lower	Upper	
162	100		
127	0.0	29.5	44.3#
164	0.0	26.3	39.5#



#48

2-Nitroaniline

Concen: 0.024 ng

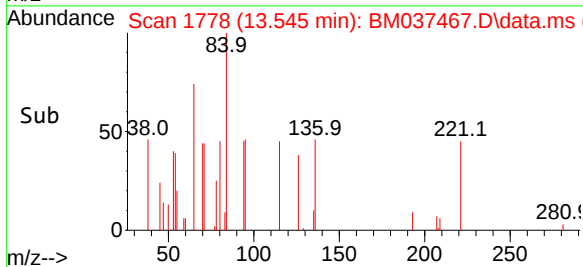
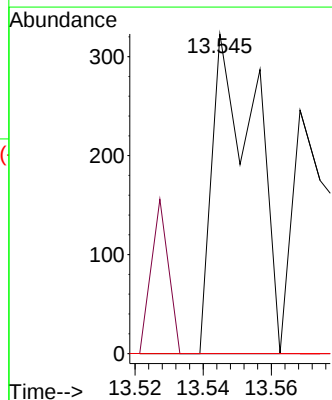
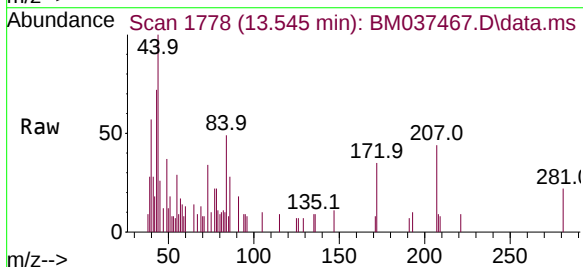
RT: 13.545 min Scan# 1778

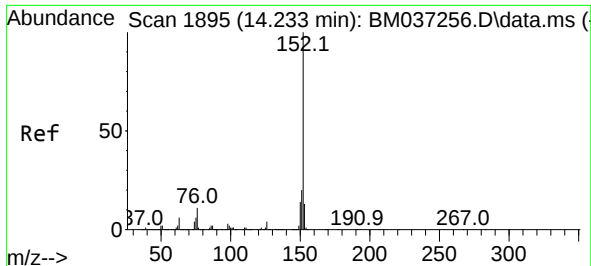
Delta R.T. -0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Tgt Ion:	65	Resp:	283
Ion Ratio	Lower	Upper	
65	100		
92	0.0	53.7	80.5#
138	0.0	87.4	131.2#

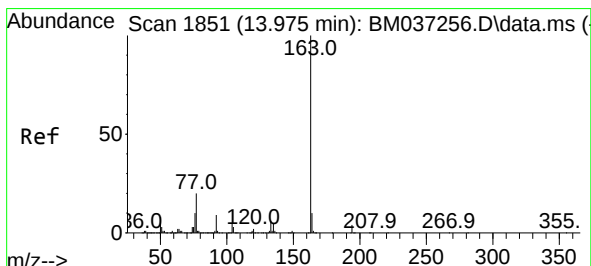
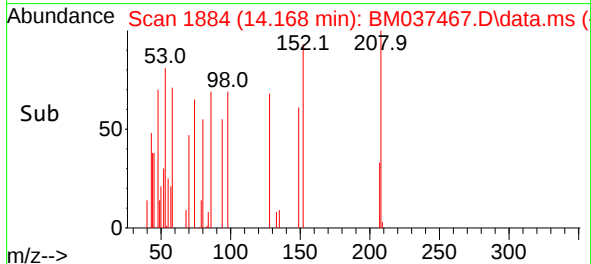
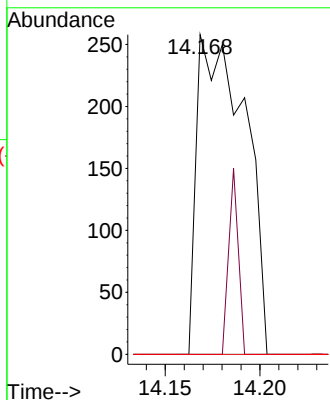
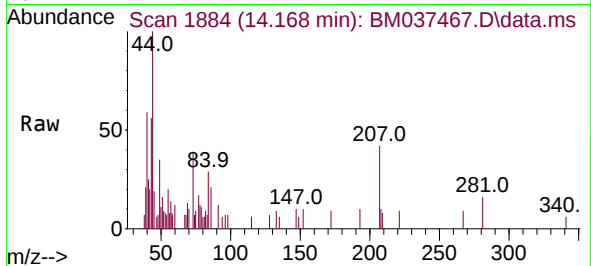




#49
Acenaphthylene
Concen: 0.007 ng
RT: 14.168 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

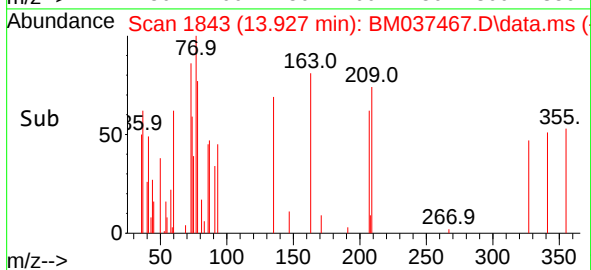
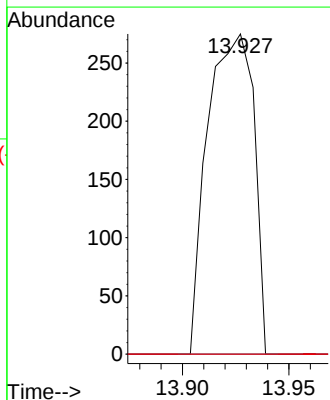
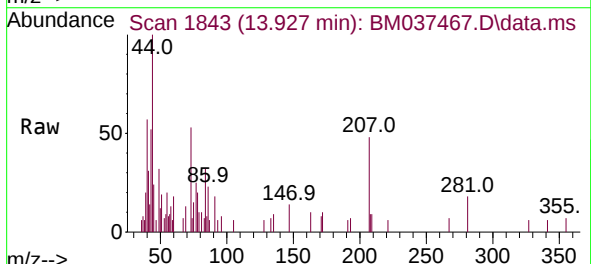
Instrument :
BNA_M
ClientSampleId :
FB-01

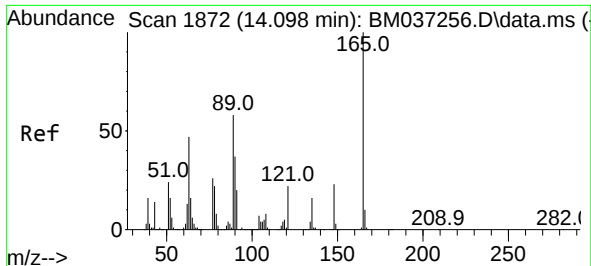
Tgt Ion:152 Resp: 454
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 0.0 10.6 15.8#



#50
Dimethylphthalate
Concen: 0.008 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:163 Resp: 414
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 0.0 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 0.015 ng

RT: 14.057 min Scan# 1872

Delta R.T. 0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

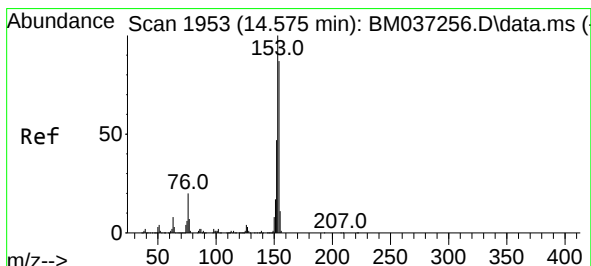
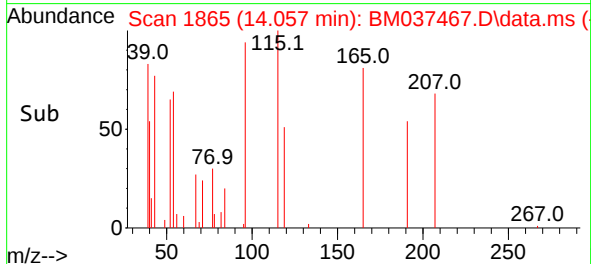
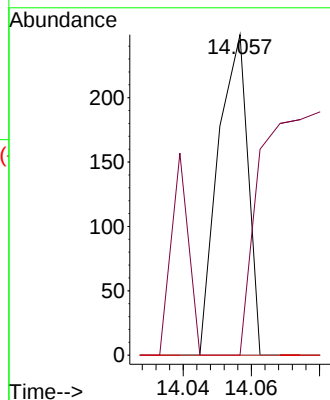
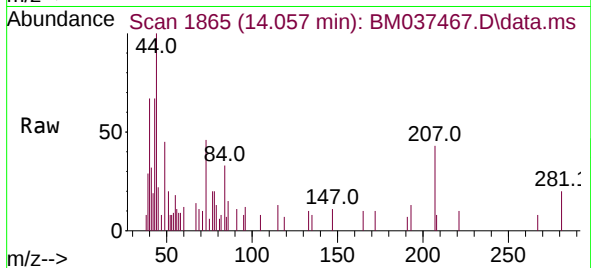
Instrument :

BNA_M

ClientSampleId :

FB-01

Tgt Ion:165	Resp:	151
Ion Ratio	Lower	Upper
165	100	
63	0.0	46.2 69.2#
89	0.0	46.6 69.8#



#52

Acenaphthene

Concen: 0.003 ng

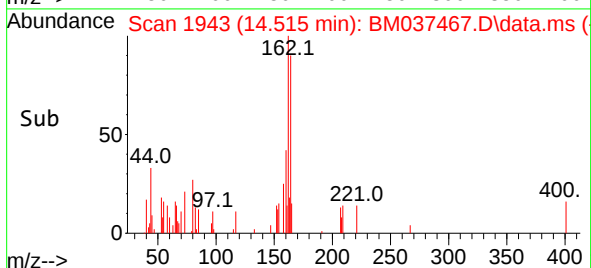
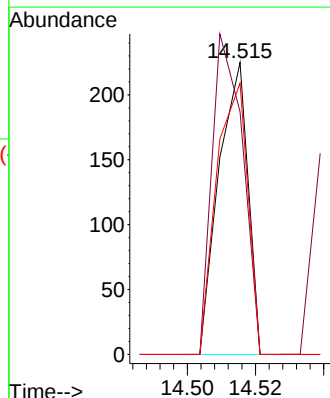
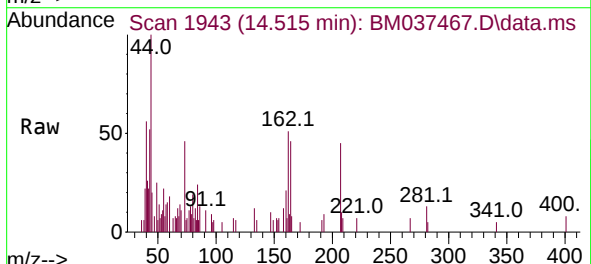
RT: 14.515 min Scan# 1943

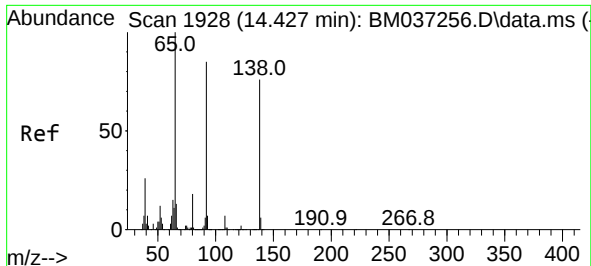
Delta R.T. -0.000 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Tgt Ion:154	Resp:	133
Ion Ratio	Lower	Upper
154	100	
153	83.1	91.5 137.3#
152	92.9	43.0 64.6#

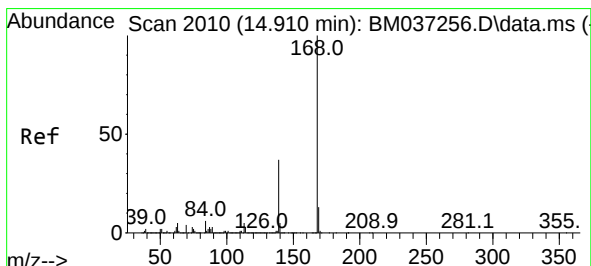
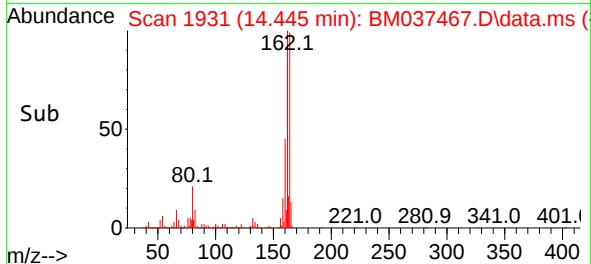
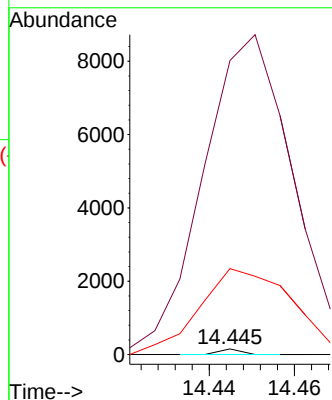
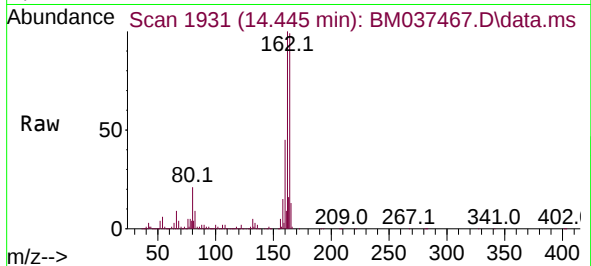




#53
3-Nitroaniline
Concen: 0.005 ng
RT: 14.445 min Scan# 1928
Delta R.T. 0.065 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

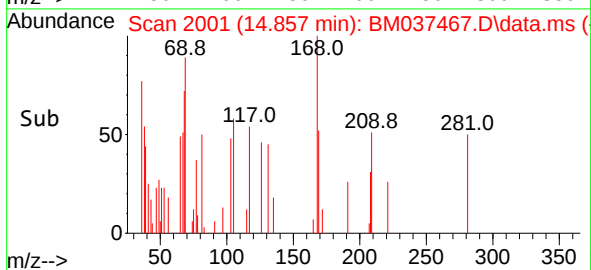
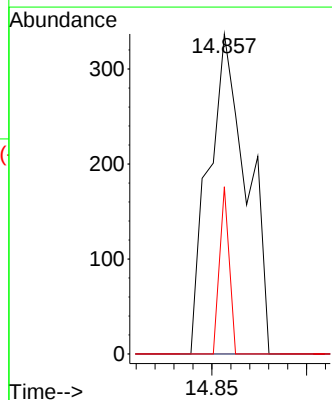
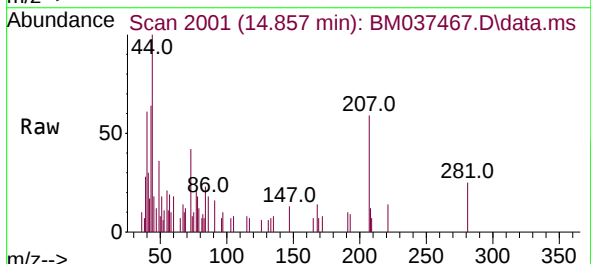
Instrument :
BNA_M
ClientSampleId :
FB-01

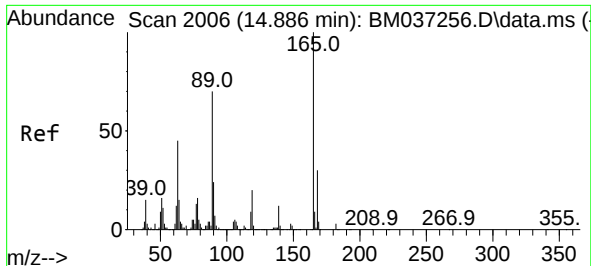
Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 5204.5 7.3 10.9#
92 1524.0 89.8 134.8#



#55
Dibenzofuran
Concen: 0.008 ng
RT: 14.857 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:168 Resp: 473
Ion Ratio Lower Upper
168 100
139 0.0 29.3 43.9#
169 52.2 10.6 16.0#

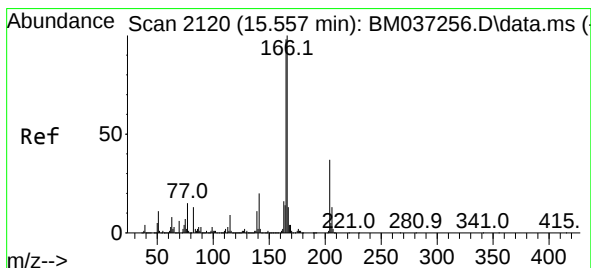
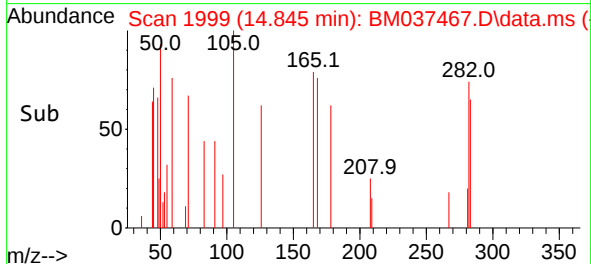
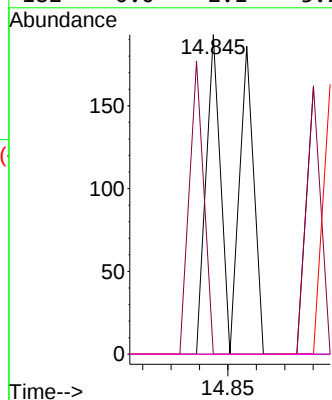
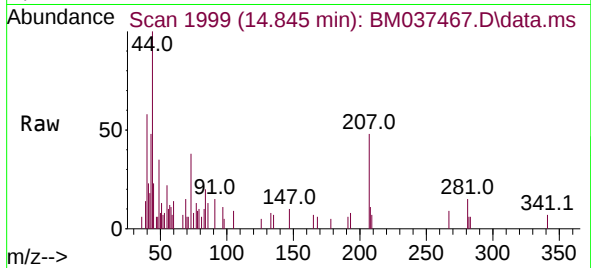




#57
2,4-Dinitrotoluene
Concen: 0.010 ng
RT: 14.845 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

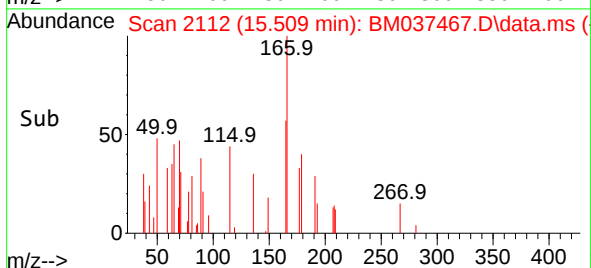
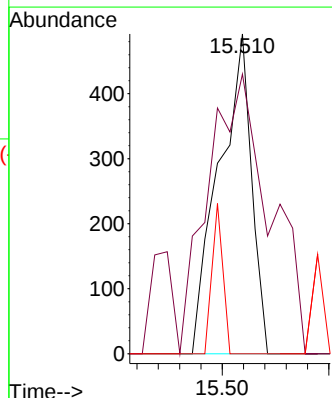
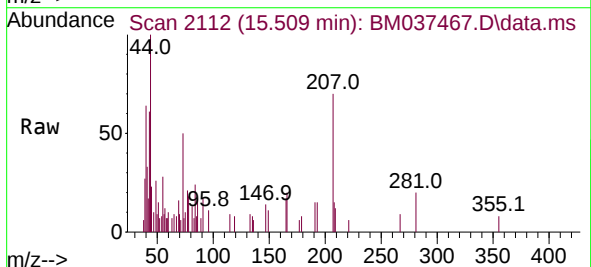
Instrument :
BNA_M
ClientSampleId :
FB-01

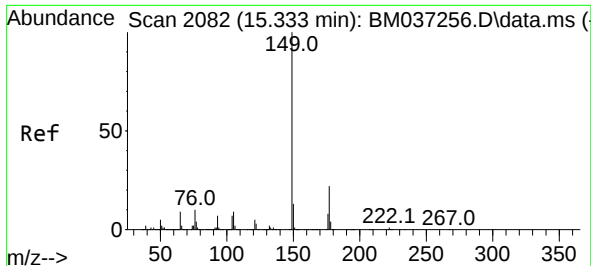
Tgt Ion:165 Resp: 134
Ion Ratio Lower Upper
165 100
63 0.0 36.3 54.5#
89 0.0 56.3 84.5#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 0.010 ng
RT: 15.509 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:166 Resp: 520
Ion Ratio Lower Upper
166 100
165 87.4 78.2 117.4
167 0.0 10.6 15.8#

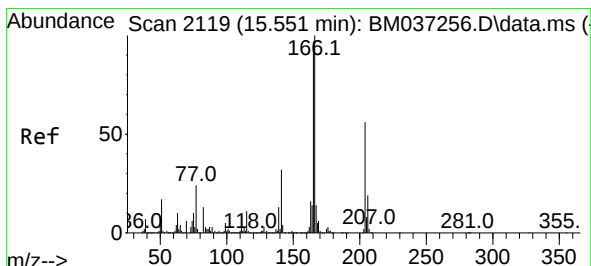
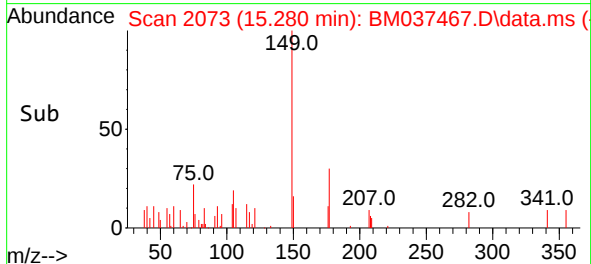
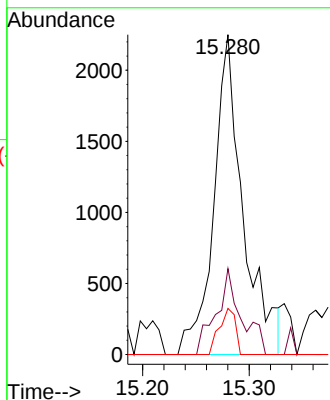
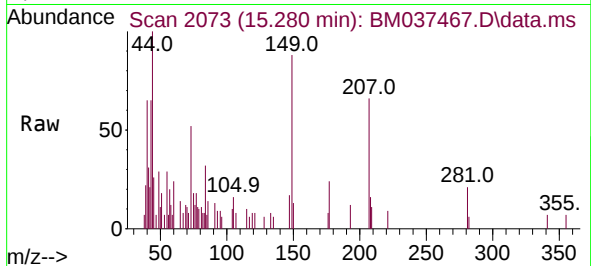




#60
Diethylphthalate
Concen: 0.091 ng
RT: 15.280 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

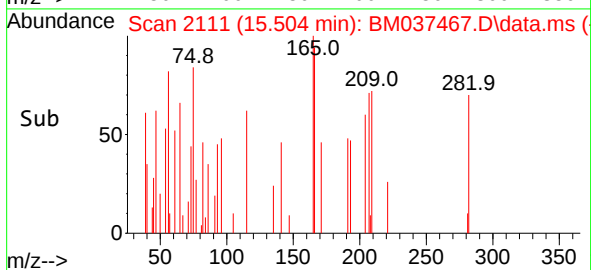
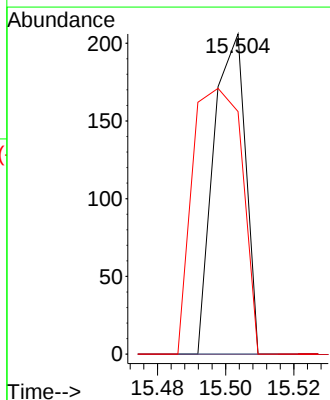
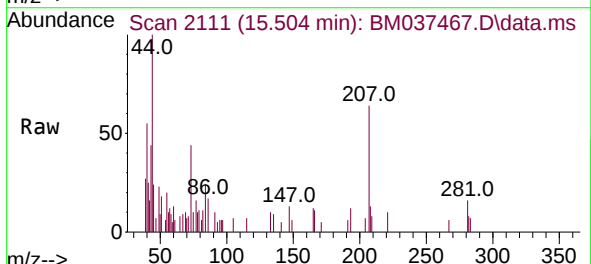
Instrument :
BNA_M
ClientSampleId :
FB-01

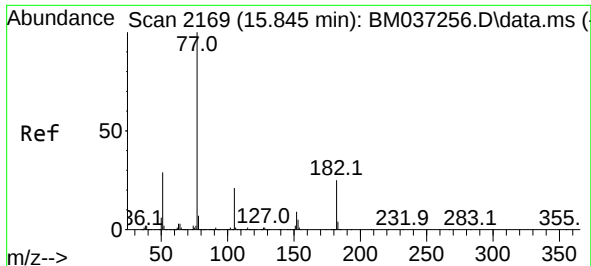
Tgt Ion:149 Resp: 4331
Ion Ratio Lower Upper
149 100
177 26.9 17.4 26.0#
150 14.4 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 0.006 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:204 Resp: 133
Ion Ratio Lower Upper
204 100
206 0.0 26.6 39.8#
141 75.7 45.2 67.8#

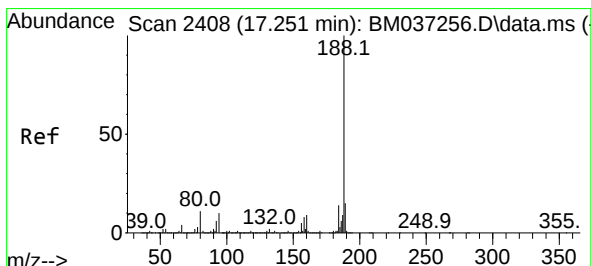
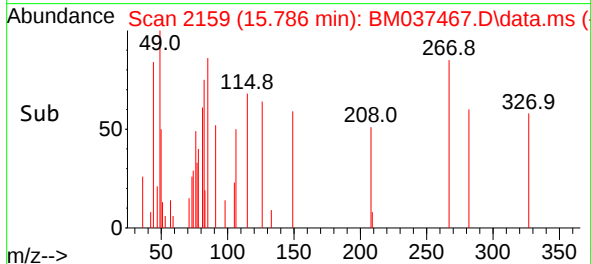
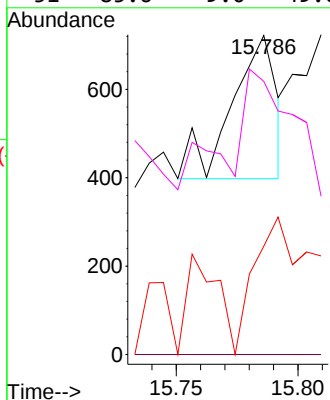
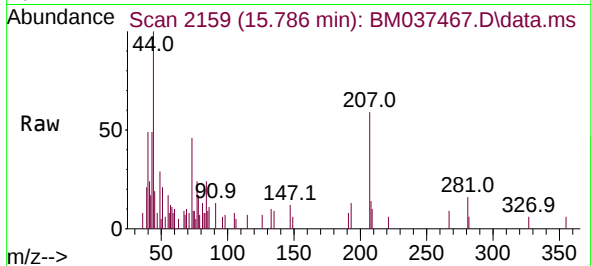




#63
Azobenzene
Concen: 0.009 ng
RT: 15.786 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

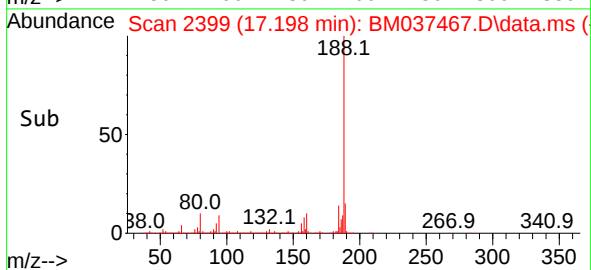
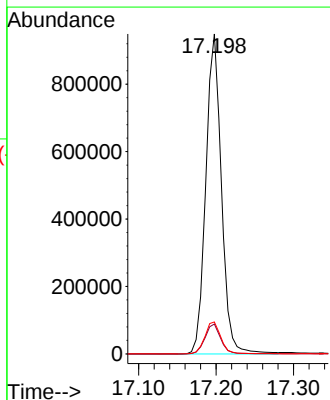
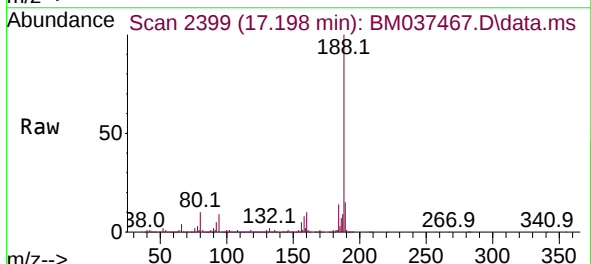
Instrument :
BNA_M
ClientSampleId :
FB-01

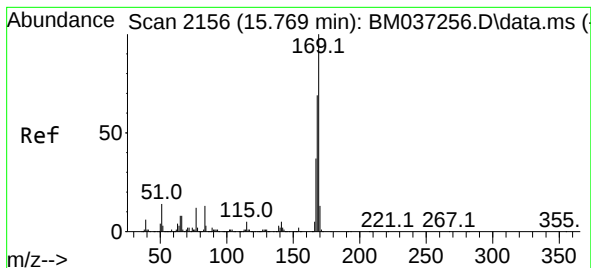
Tgt Ion: 77 Resp: 414
Ion Ratio Lower Upper
77 100
182 0.0 5.1 45.1#
105 33.9 0.5 40.5
51 85.6 9.0 49.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 188 Resp: 1326716
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.0 8.5 12.7





#66

n-Nitrosodiphenylamine

Concen: 0.825 ng

RT: 15.945 min Scan# 21

Delta R.T. 0.229 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01

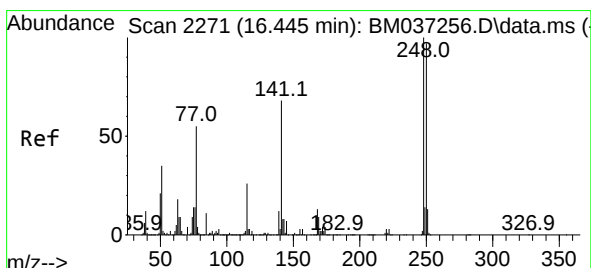
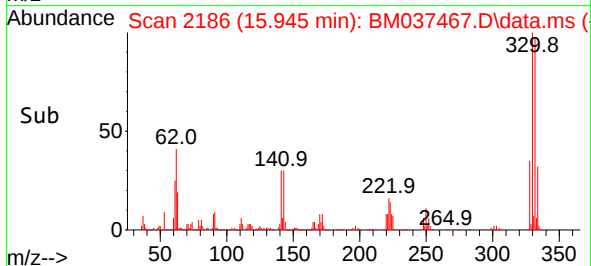
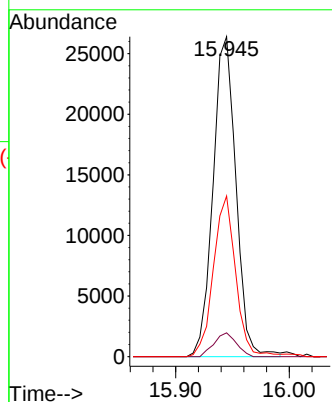
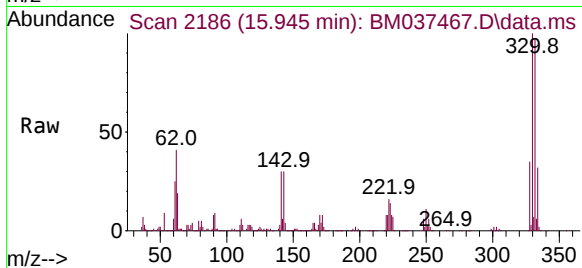
Tgt Ion:169 Resp: 36980

Ion Ratio Lower Upper

169 100

168 7.4 54.8 82.2#

167 50.2 29.5 44.3#



#67

4-Bromophenyl-phenylether

Concen: 0.004 ng

RT: 16.139 min Scan# 2219

Delta R.T. -0.253 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

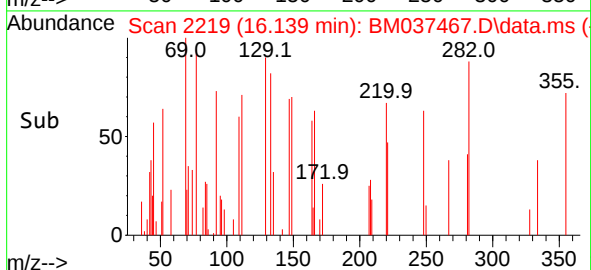
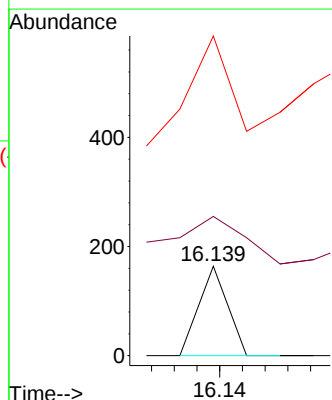
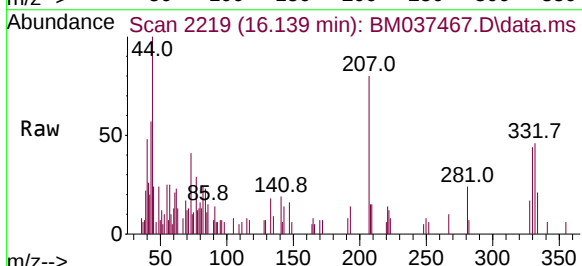
Tgt Ion:248 Resp: 58

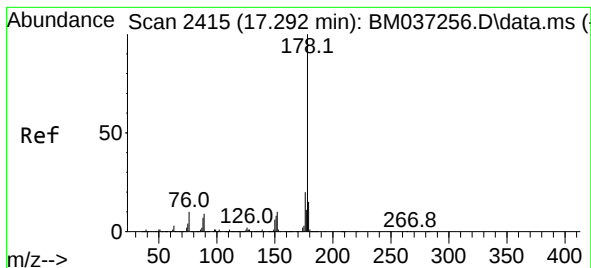
Ion Ratio Lower Upper

248 100

250 155.5 77.8 116.6#

141 357.3 54.2 81.2#





#71

Phenanthrene

Concen: 0.021 ng

RT: 17.245 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01

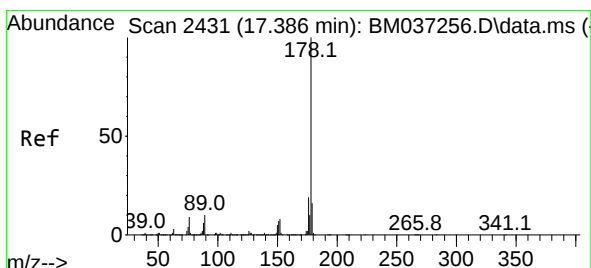
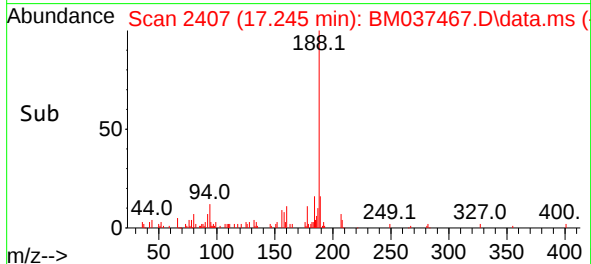
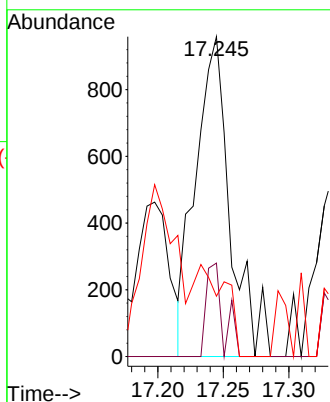
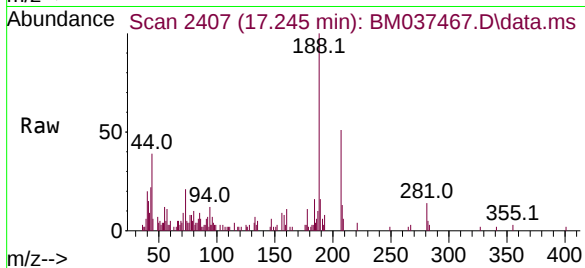
Tgt Ion:178 Resp: 1768

Ion Ratio Lower Upper

178 100

176 29.2 15.6 23.4#

179 18.9 12.4 18.6#



#72

Anthracene

Concen: 0.016 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

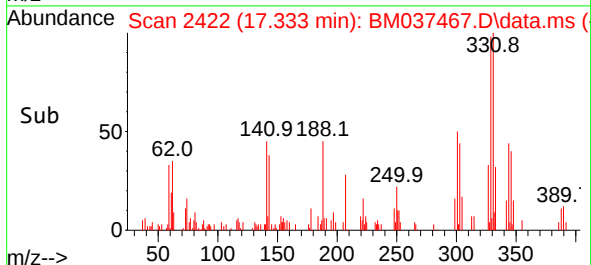
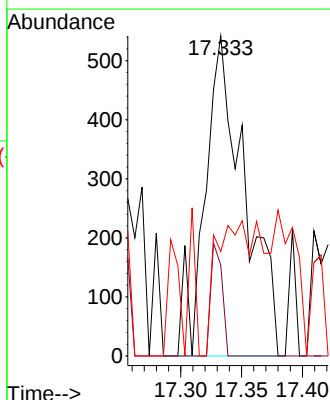
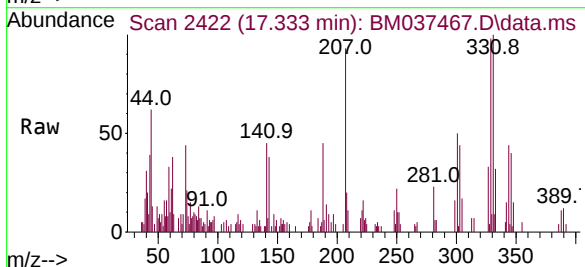
Tgt Ion:178 Resp: 1236

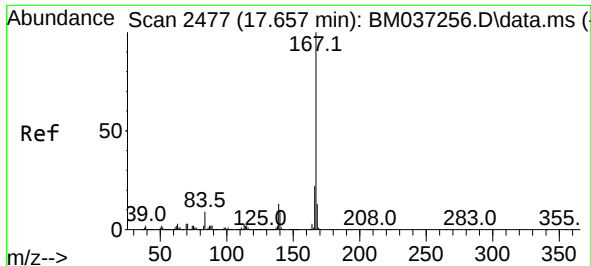
Ion Ratio Lower Upper

178 100

176 28.4 15.4 23.0#

179 32.7 12.6 19.0#

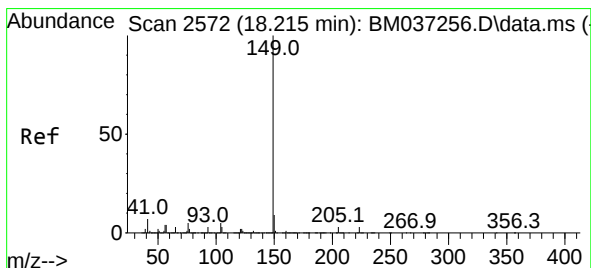
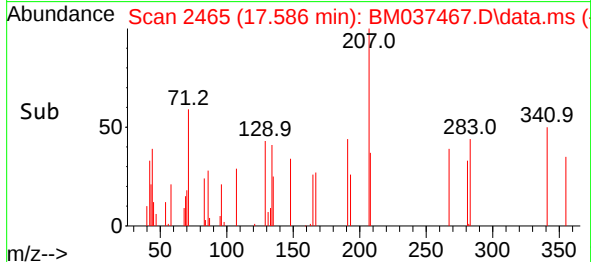
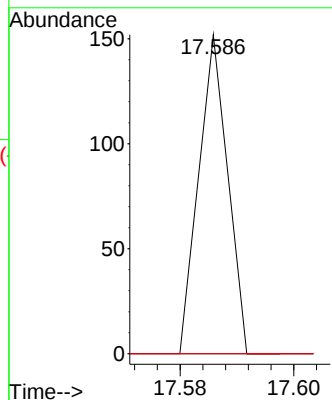
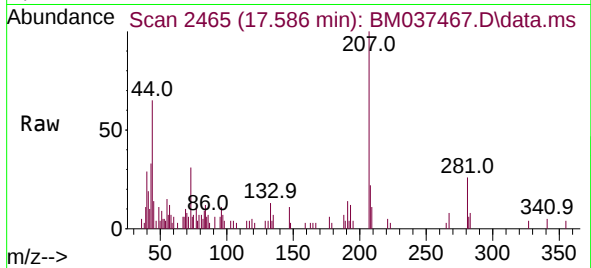




#73
 Carbazole
 Concen: 0.001 ng
 RT: 17.586 min Scan# 2477
 Delta R.T. -0.024 min
 Lab File: BM037467.D
 Acq: 11 Nov 2022 15:03

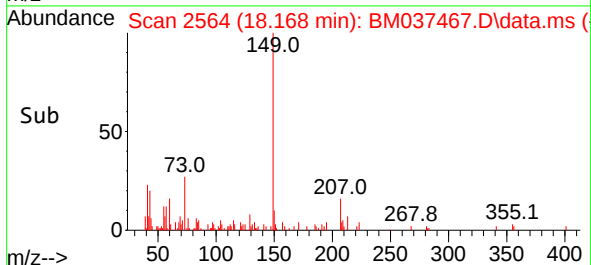
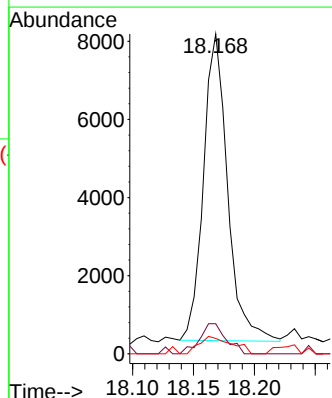
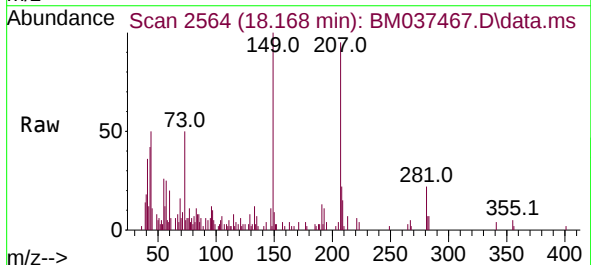
Instrument :
 BNA_M
 ClientSampleId :
 FB-01

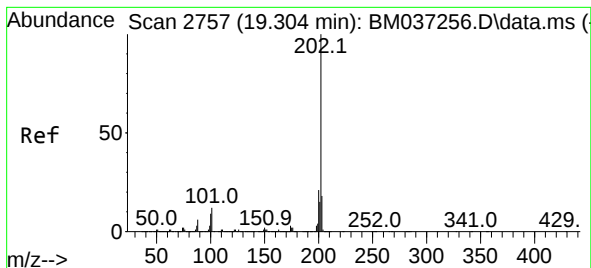
Tgt Ion:167 Resp: 54
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.4 26.2#
 139 0.0 10.4 15.6#



#74
 Di-n-butylphthalate
 Concen: 0.137 ng
 RT: 18.168 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BM037467.D
 Acq: 11 Nov 2022 15:03

Tgt Ion:149 Resp: 10849
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 0.012 ng

RT: 19.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01

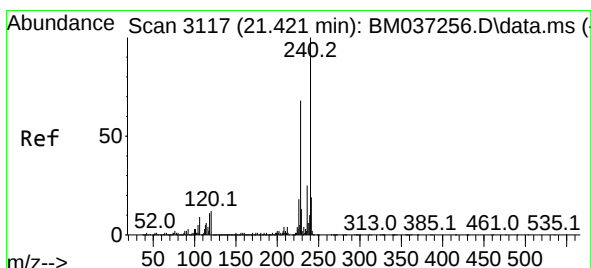
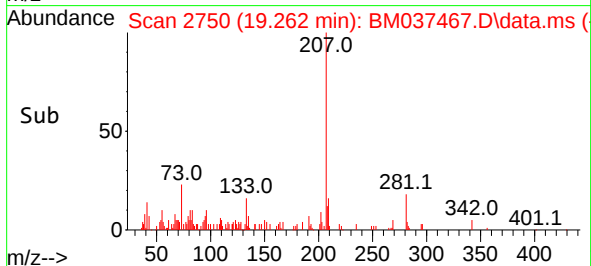
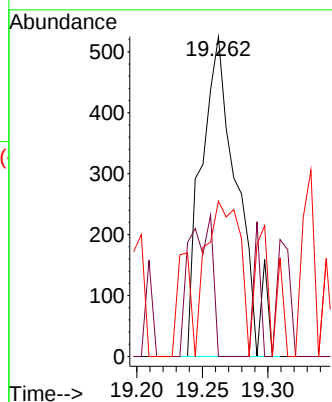
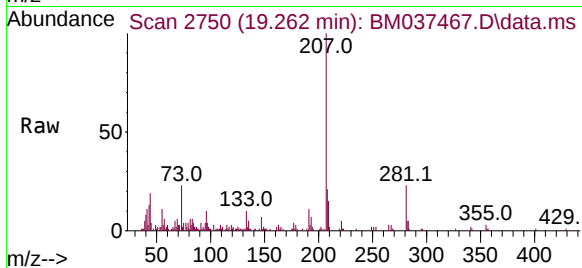
Tgt Ion:202 Resp: 1002

Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.4

203 48.6 0.0 37.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

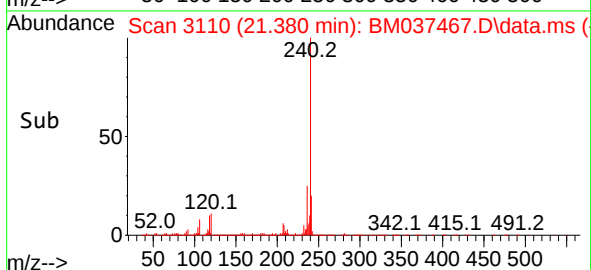
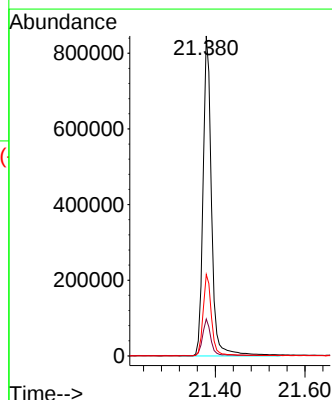
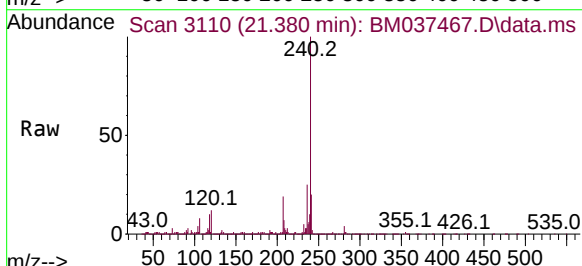
Tgt Ion:240 Resp: 1108673

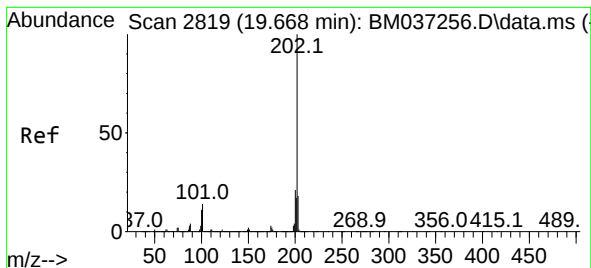
Ion Ratio Lower Upper

240 100

120 11.5 9.9 14.9

236 25.4 20.3 30.5





#78

Pyrene

Concen: 0.013 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01

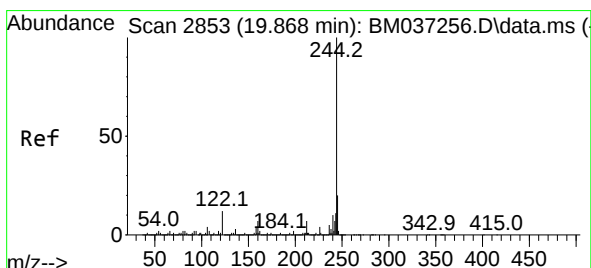
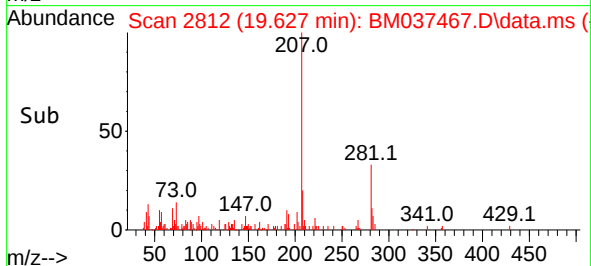
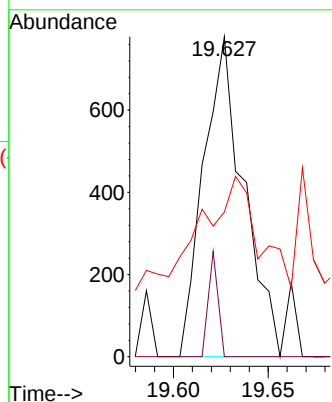
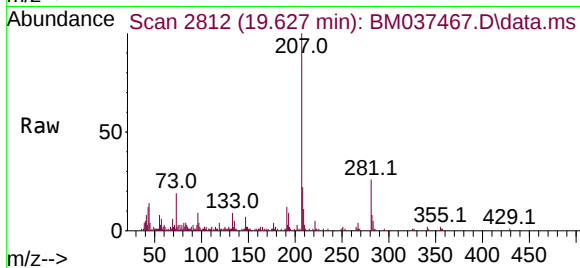
Tgt Ion:202 Resp: 1147

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.6#

203 45.2 14.1 21.1#



#79

Terphenyl-d14

Concen: 76.333 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

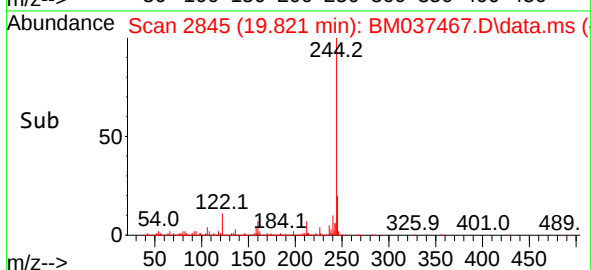
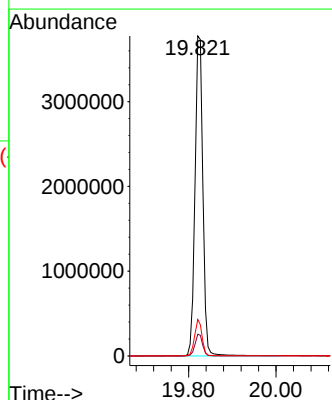
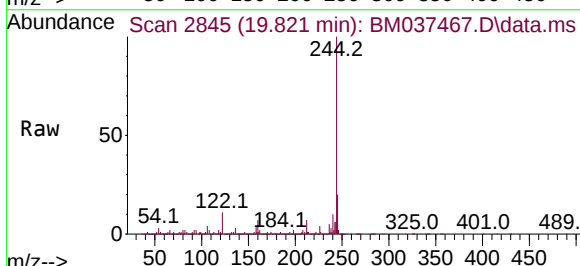
Tgt Ion:244 Resp: 4719216

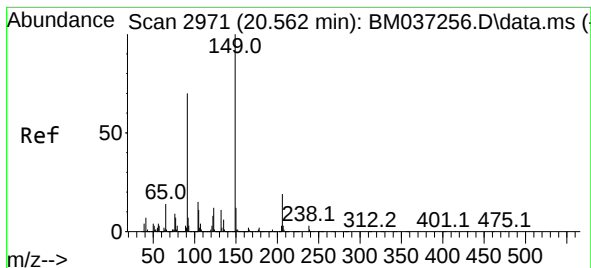
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.4 9.4 14.2





#80

Butylbenzylphthalate

Concen: 0.013 ng

RT: 20.492 min Scan# 29

Delta R.T. -0.029 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01

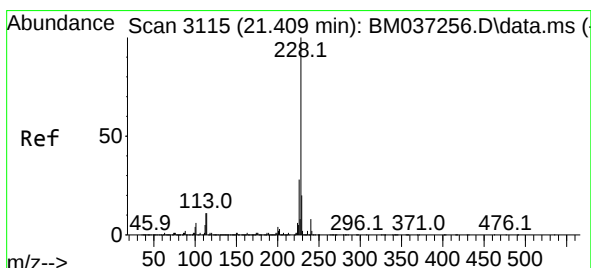
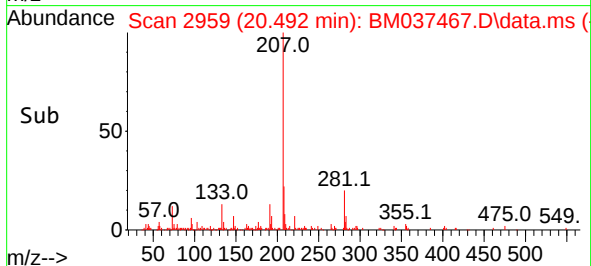
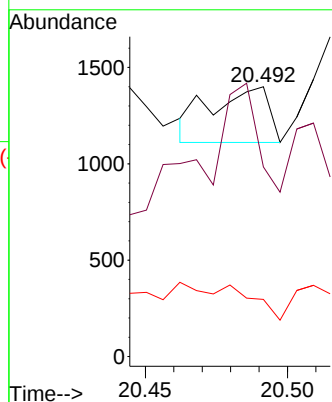
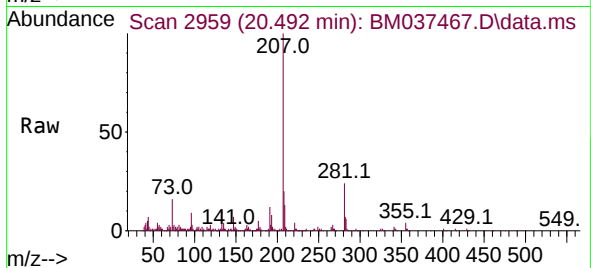
Tgt Ion:149 Resp: 405

Ion Ratio Lower Upper

149 100

91 70.3 56.2 84.4

206 21.2 15.4 23.0



#81

Benzo(a)anthracene

Concen: 0.040 ng

RT: 21.380 min Scan# 3110

Delta R.T. 0.012 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

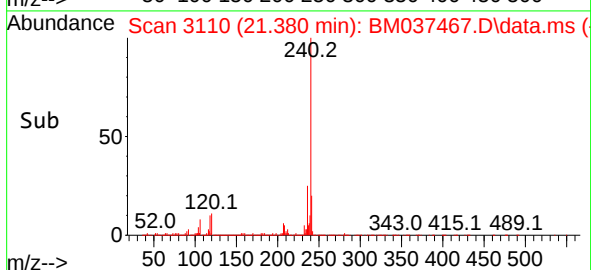
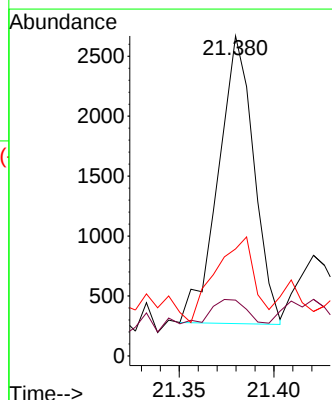
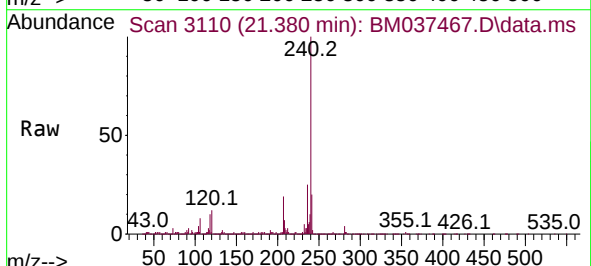
Tgt Ion:228 Resp: 3144

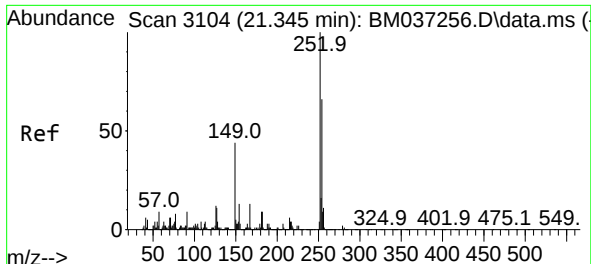
Ion Ratio Lower Upper

228 100

226 17.4 22.3 33.5#

229 33.4 16.2 24.2#

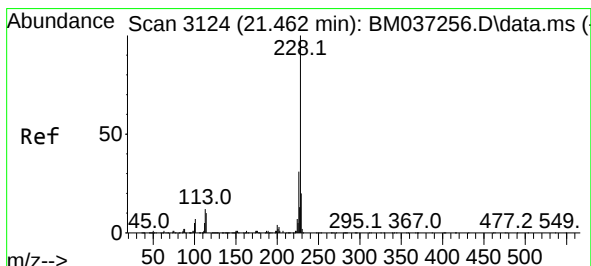
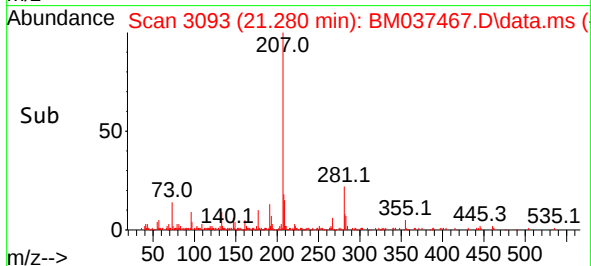
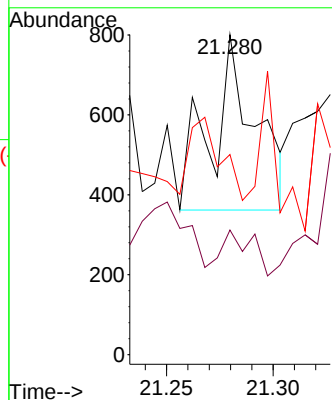
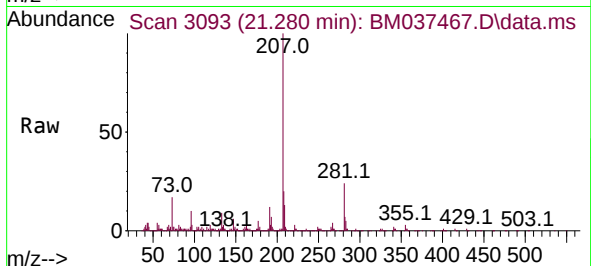




#82
 3,3'-Dichlorobenzidine
 Concen: 0.027 ng
 RT: 21.280 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: BM037467.D
 Acq: 11 Nov 2022 15:03

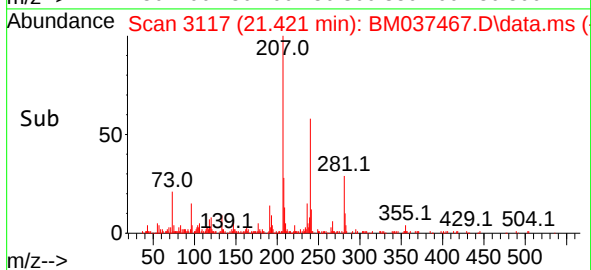
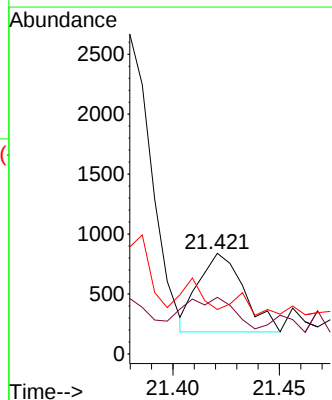
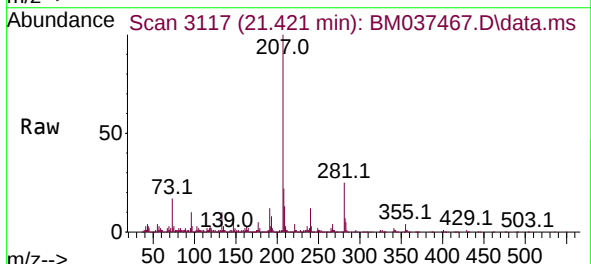
Instrument :
 BNA_M
 ClientSampleId :
 FB-01

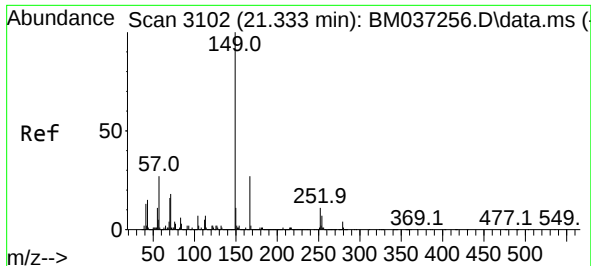
Tgt Ion:252 Resp: 626
 Ion Ratio Lower Upper
 252 100
 254 39.0 52.7 79.1#
 126 62.5 9.8 14.6#



#83
 Chrysene
 Concen: 0.013 ng
 RT: 21.421 min Scan# 3117
 Delta R.T. -0.000 min
 Lab File: BM037467.D
 Acq: 11 Nov 2022 15:03

Tgt Ion:228 Resp: 967
 Ion Ratio Lower Upper
 228 100
 226 56.3 24.4 36.6#
 229 44.1 16.0 24.0#

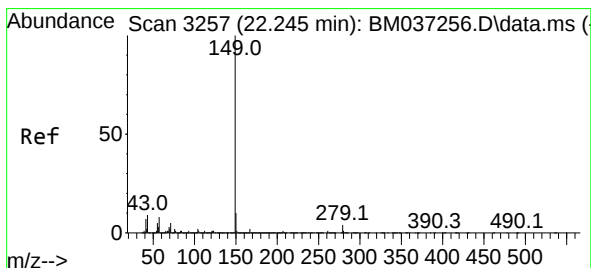
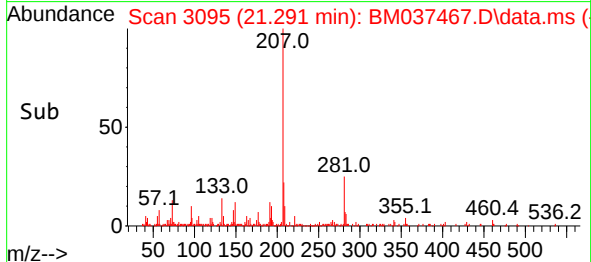
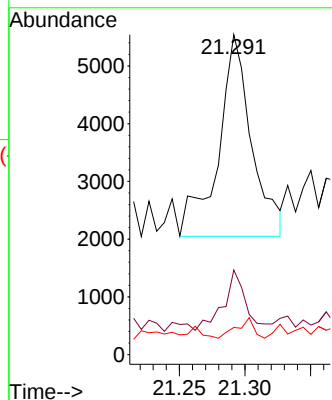
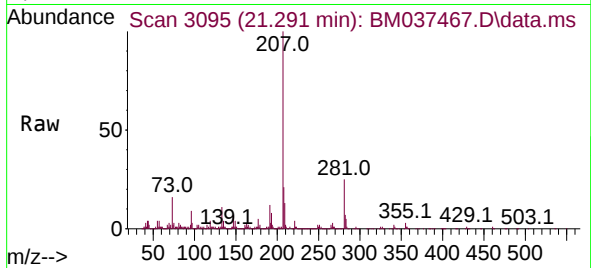




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.151 ng
RT: 21.291 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

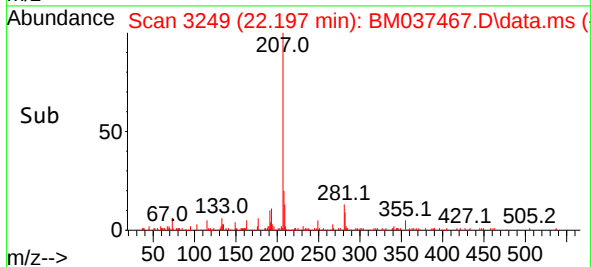
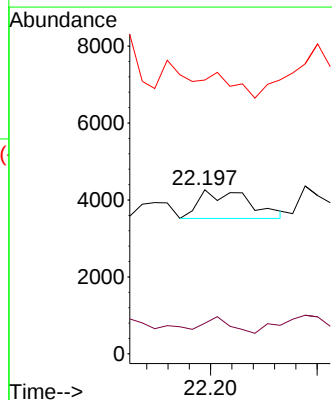
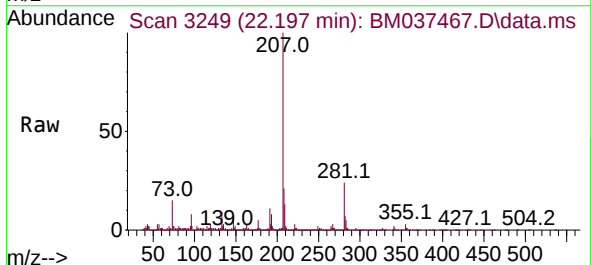
Instrument :
BNA_M
ClientSampleId :
FB-01

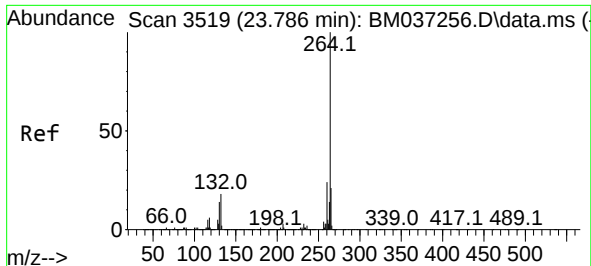
Tgt Ion:149 Resp: 6187
Ion Ratio Lower Upper
149 100
167 26.4 21.2 31.8
279 8.5 3.1 4.7#



#85
Di-n-octyl phthalate
Concen: 0.019 ng
RT: 22.197 min Scan# 3249
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:149 Resp: 1206
Ion Ratio Lower Upper
149 100
167 28.6 1.3 1.9#
43 0.0 8.0 12.0#

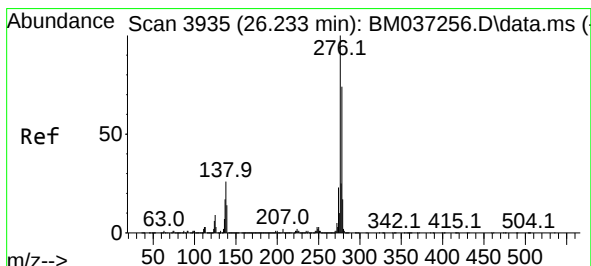
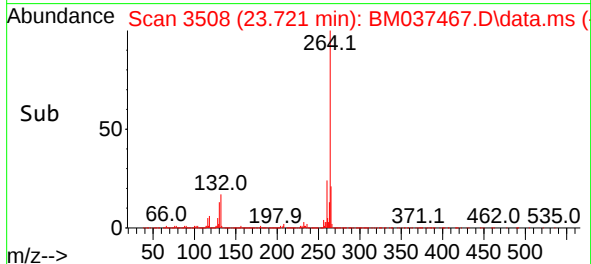
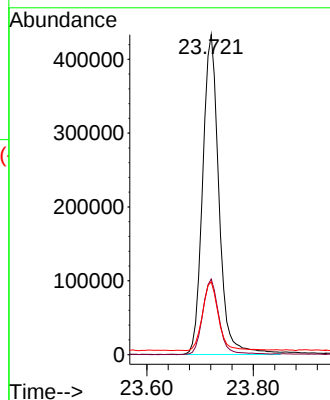
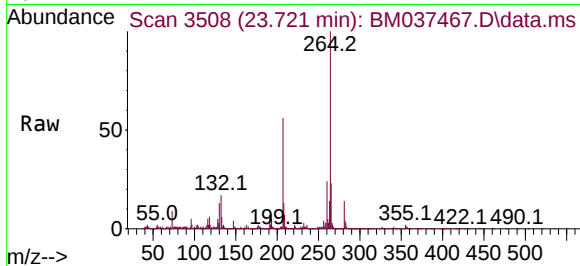




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

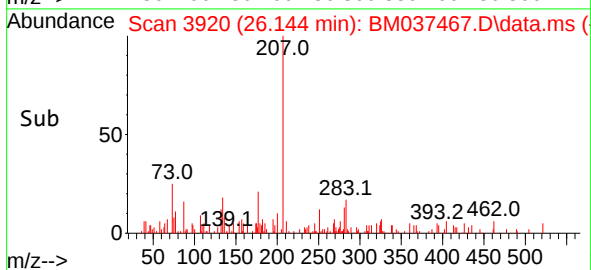
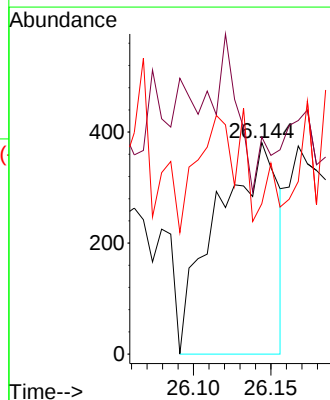
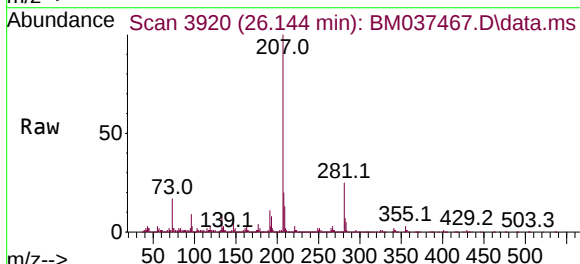
Instrument :
BNA_M
ClientSampleId :
FB-01

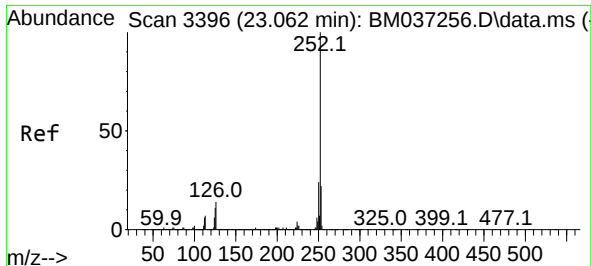
Tgt Ion:264 Resp: 920689
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.8 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 0.014 ng
RT: 26.144 min Scan# 3920
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:276 Resp: 1049
Ion Ratio Lower Upper
276 100
138 0.0 21.5 32.3#
277 5.1 20.1 30.1#

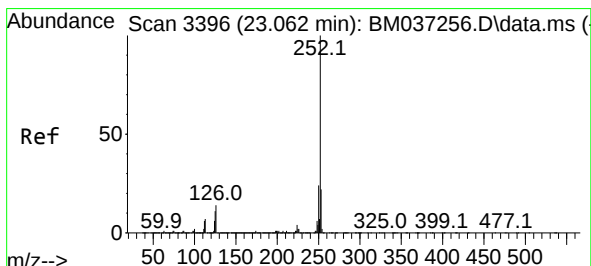
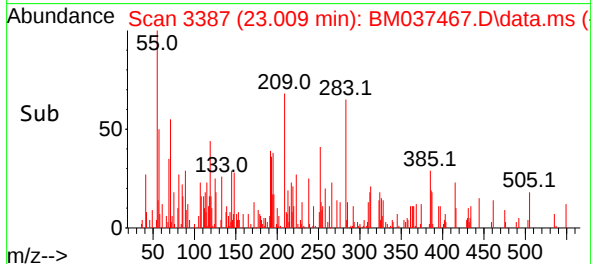
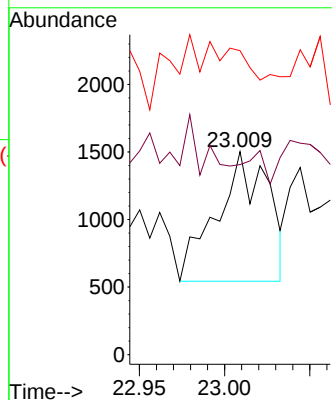
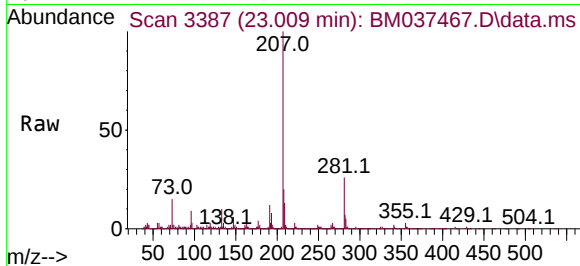




#88
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 23.009 min Scan# 3387
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

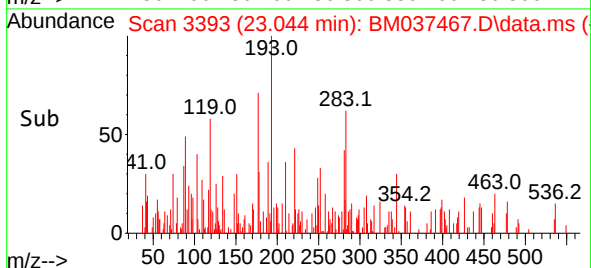
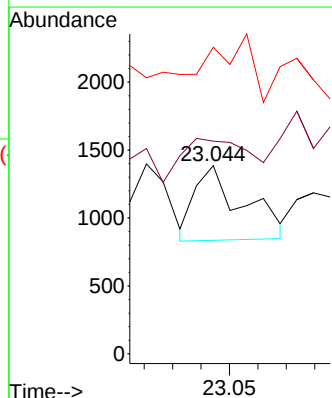
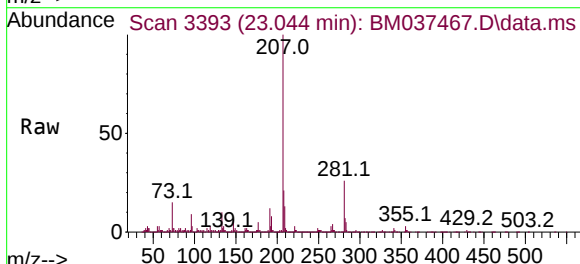
Instrument :
BNA_M
ClientSampleId :
FB-01

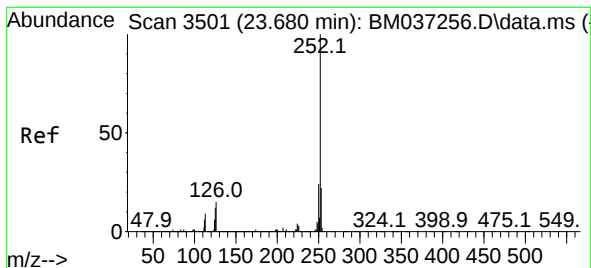
Tgt Ion:252 Resp: 2007
Ion Ratio Lower Upper
252 100
253 93.6 17.8 26.6#
125 149.7 9.1 13.7#



#89
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 23.044 min Scan# 3393
Delta R.T. -0.018 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:252 Resp: 649
Ion Ratio Lower Upper
252 100
253 113.0 17.8 26.6#
125 163.0 9.1 13.7#





#90

Benzo(a)pyrene

Concen: 0.015 ng

RT: 23.609 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01

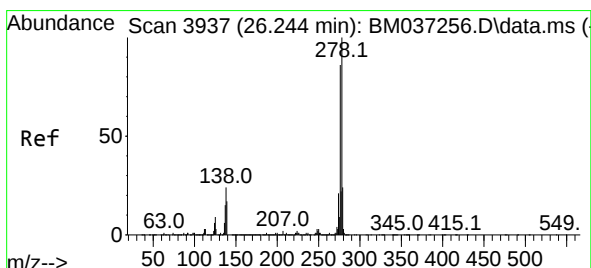
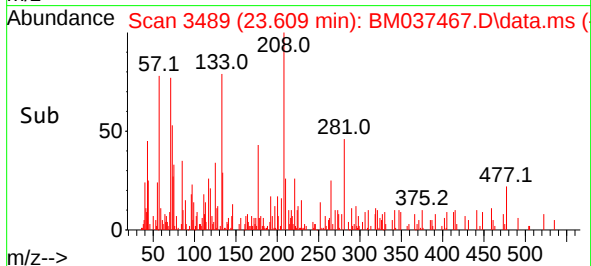
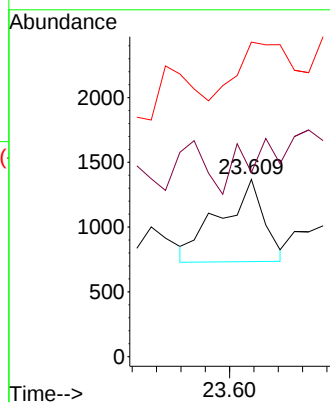
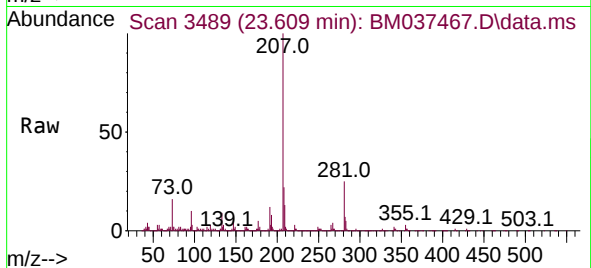
Tgt Ion:252 Resp: 794

Ion Ratio Lower Upper

252 100

253 103.9 17.4 26.2#

125 177.4 9.9 14.9#



#91

Dibenzo(a,h)anthracene

Concen: 0.008 ng

RT: 26.144 min Scan# 3920

Delta R.T. -0.018 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

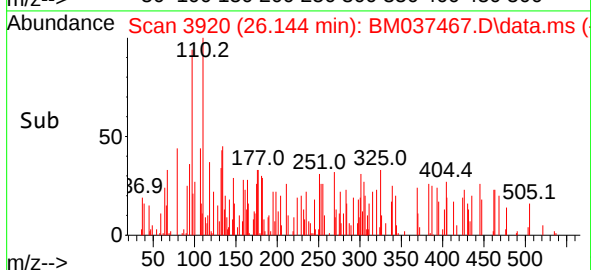
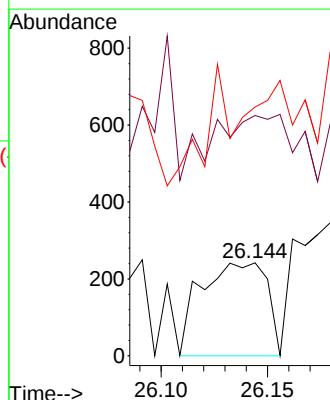
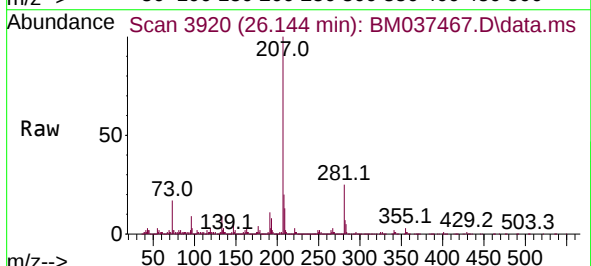
Tgt Ion:278 Resp: 522

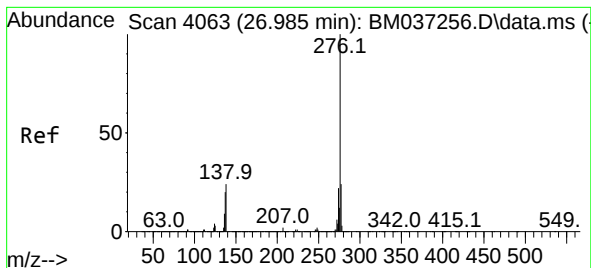
Ion Ratio Lower Upper

278 100

139 258.3 13.8 20.8#

279 267.4 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 0.008 ng

RT: 26.885 min Scan# 40

Delta R.T. -0.000 min

Lab File: BM037467.D

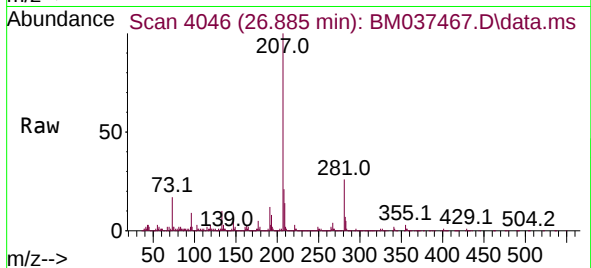
Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01



Tgt Ion:276 Resp: 497

Ion Ratio Lower Upper

276 100

277 55.8 19.4 29.2#

138 78.9 18.9 28.3#

