

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037476.D
 Acq On : 11 Nov 2022 20:41
 Operator : CG/JU
 Sample : N5531-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-33

Quant Time: Nov 11 22:59:47 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	255336	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	992590	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	570459	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1071357	20.000	ng	0.00
76) Chrysene-d12	21.380	240	853776	20.000	ng	0.00
86) Perylene-d12	23.721	264	821625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2274345	153.885	ng	0.00
7) Phenol-d6	6.987	99	2859769	142.568	ng	0.00
23) Nitrobenzene-d5	8.975	82	1746814	88.789	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1151261	171.251	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	3952722	92.065	ng	0.00
79) Terphenyl-d14	19.821	244	5443072	114.326	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	289	0.048	ng	# 51
3) Pyridine	3.669	79	645	0.036	ng	# 1
4) n-Nitrosodimethylamine	3.569	42	597	0.076	ng	# 1
6) Aniline	7.145	93	554	0.023	ng	# 13
8) 2-Chlorophenol	7.386	128	90	0.005	ng	# 44
9) Benzaldehyde	6.987	77	5509	0.543	ng	# 5
10) Phenol	7.010	94	17355	0.772	ng	# 22
11) bis(2-Chloroethyl)ether	7.257	93	244	0.014	ng	# 63
15) Benzyl Alcohol	8.081	79	520	0.036	ng	# 69
16) 2,2'-oxybis(1-Chloropr...	8.339	45	371	0.014	ng	# 1
17) 2-Methylphenol	8.286	107	55	0.004	ng	# 1
18) Hexachloroethane	8.881	117	62	0.009	ng	# 3
19) n-Nitroso-di-n-propyla...	8.639	70	84	0.079	ng	# 1
20) 3+4-Methylphenols	8.581	107	53	0.003	ng	# 1
22) Acetophenone	8.639	105	2014	0.078	ng	# 57
24) Nitrobenzene	9.045	77	273	0.014	ng	# 33
25) Isophorone	9.545	82	216	0.007	ng	# 45
27) 2,4-Dimethylphenol	9.980	122	1053	0.079	ng	# 27
28) bis(2-Chloroethoxy)met...	10.051	93	58	0.003	ng	# 50
31) Naphthalene	10.645	128	625	0.011	ng	# 69
33) 4-Chloroaniline	10.822	127	54	0.002	ng	# 6
35) Caprolactam	11.639	113	76	0.016	ng	# 26
36) 4-Chloro-3-methylphenol	11.945	107	194	0.012	ng	# 17
37) 2-Methylnaphthalene	12.286	142	215	0.006	ng	# 15
38) 1-Methylnaphthalene	12.492	142	184	0.005	ng	# 85
46) 1,1'-Biphenyl	13.286	154	338	0.007	ng	# 76
47) 2-Chloronaphthalene	13.327	162	309	0.008	ng	# 33
48) 2-Nitroaniline	13.563	65	99	0.009	ng	# 30
49) Acenaphthylene	14.180	152	1670	0.029	ng	# 61
50) Dimethylphthalate	13.927	163	2704	0.062	ng	# 77
51) 2,6-Dinitrotoluene	14.051	165	114	0.012	ng	# 14
52) Acenaphthene	14.510	154	604	0.017	ng	# 74
55) Dibenzofuran	14.857	168	1376	0.025	ng	# 84
56) 4-Nitrophenol	14.851	139	551	0.067	ng	# 8
57) 2,4-Dinitrotoluene	14.862	165	58	0.005	ng	# 14
58) Fluorene	15.504	166	1168	0.026	ng	# 88

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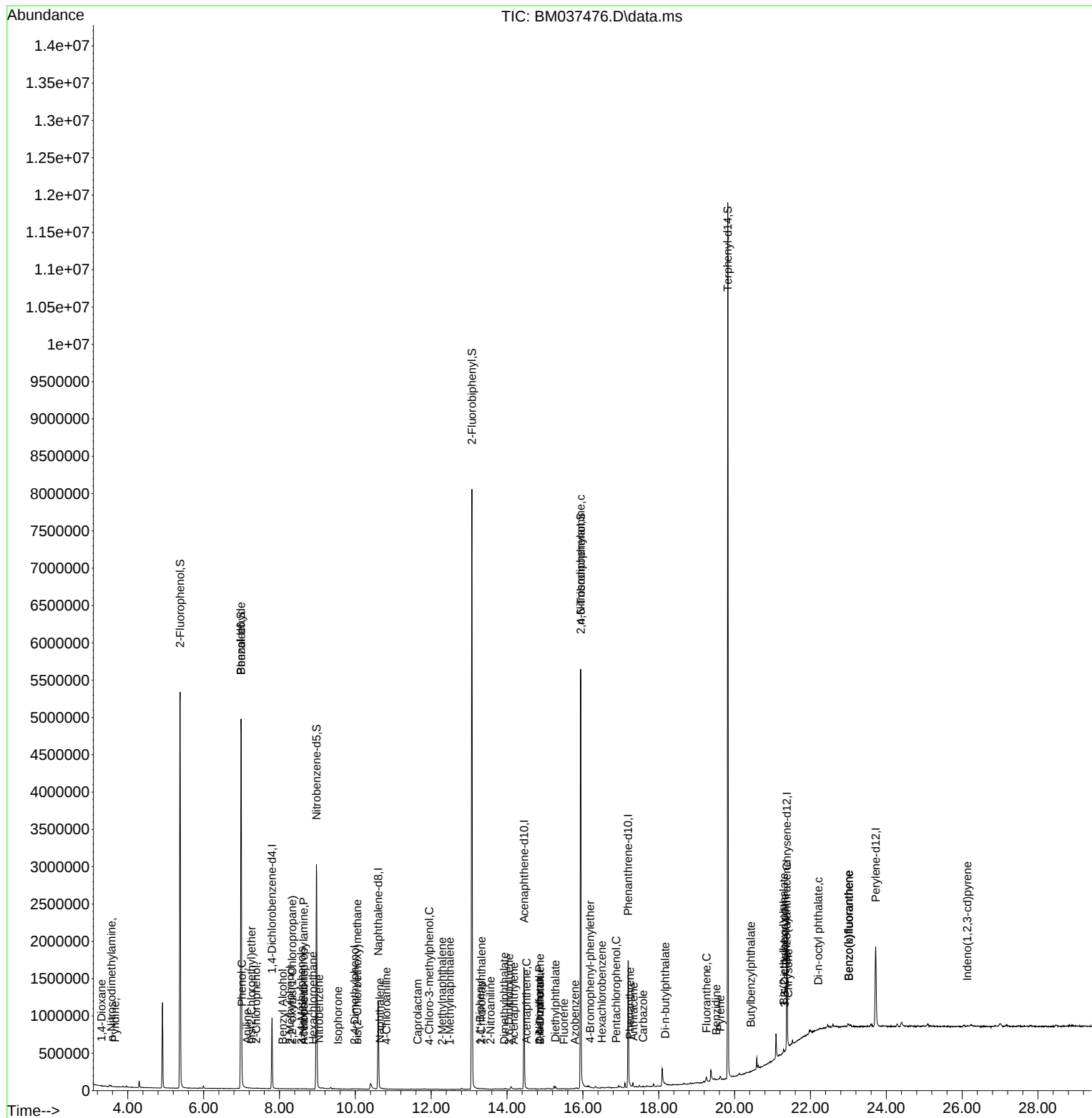
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	15.274	149	14179	0.335	ng	95
63) Azobenzene	15.786	77	640	0.015	ng #	73
66) n-Nitrosodiphenylamine	15.939	169	33618	0.928	ng #	43
67) 4-Bromophenyl-phenylether	16.192	248	57	0.005	ng #	1
68) Hexachlorobenzene	16.498	284	335	0.023	ng #	23
70) Pentachlorophenol	16.874	266	266	0.031	ng #	25
71) Phenanthrene	17.239	178	14587	0.219	ng	93
72) Anthracene	17.333	178	4794	0.076	ng	96
73) Carbazole	17.586	167	60	0.001	ng #	59
74) Di-n-butylphthalate	18.168	149	16489	0.259	ng	99
75) Fluoranthene	19.256	202	27417	0.390	ng	92
77) Benzidine	19.515	184	512	0.040	ng #	1
78) Pyrene	19.621	202	24584	0.374	ng	98
80) Butylbenzylphthalate	20.427	149	280	0.012	ng	87
81) Benzo(a)anthracene	21.368	228	15718	0.259	ng	94
82) 3,3'-Dichlorobenzidine	21.321	252	2311	0.129	ng #	81
83) Chrysene	21.415	228	12619	0.215	ng	94
84) Bis(2-ethylhexyl)phtha...	21.291	149	14341	0.456	ng #	96
85) Di-n-octyl phthalate	22.203	149	3607	0.073	ng #	55
87) Indeno(1,2,3-cd)pyrene	26.138	276	14861	0.221	ng #	87
88) Benzo(b)fluoranthene	23.009	252	17162	0.301	ng #	65
89) Benzo(k)fluoranthene	23.009	252	17162	0.295	ng #	65

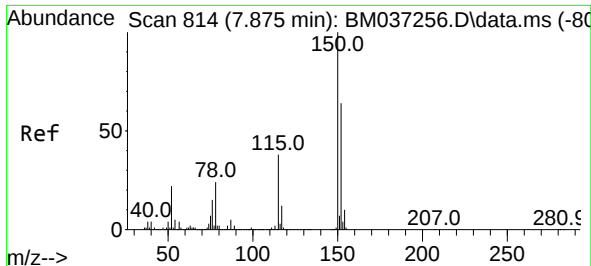
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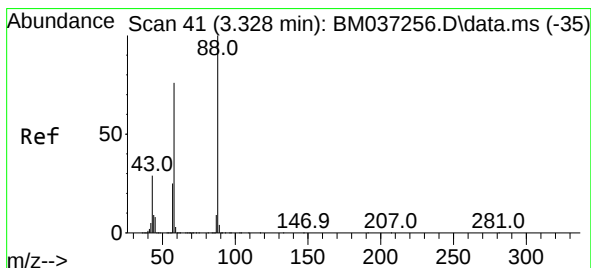
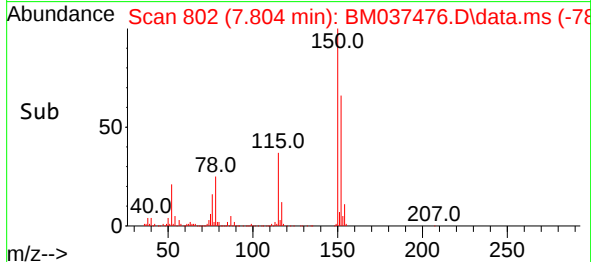
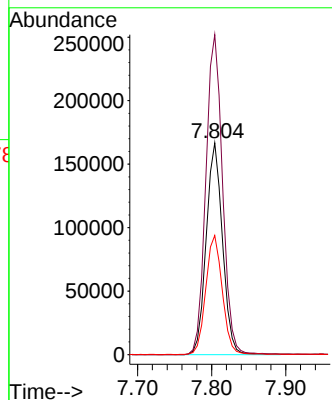
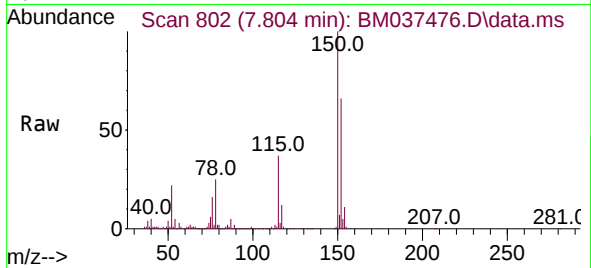




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BM037476.D
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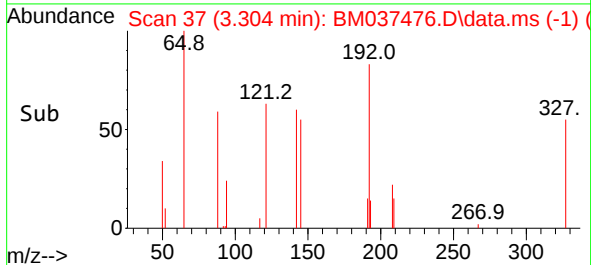
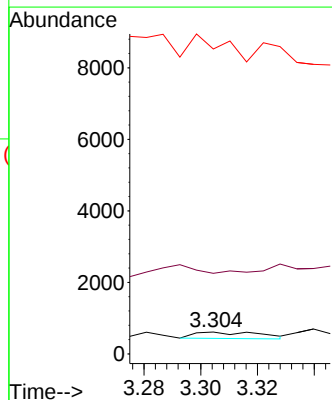
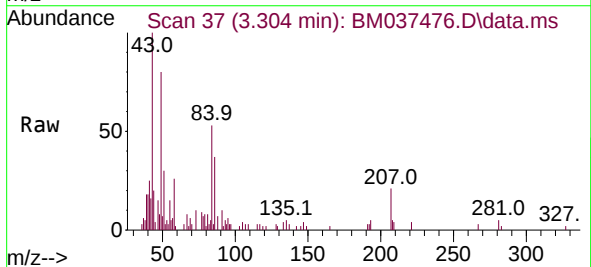
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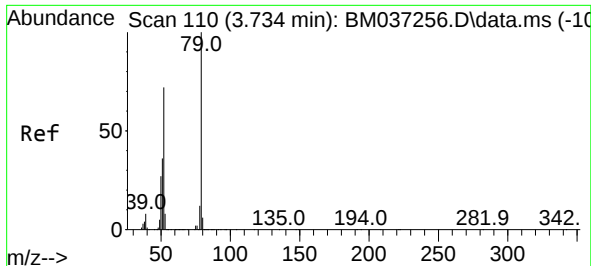
Tgt Ion:152 Resp: 255336
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.8 187.2
 115 56.3 47.0 70.4



#2
 1,4-Dioxane
 Concen: 0.048 ng
 RT: 3.304 min Scan# 37
 Delta R.T. 0.053 min
 Lab File: BM037476.D
 Acq: 11 Nov 2022 20:41

Tgt Ion: 88 Resp: 289
 Ion Ratio Lower Upper
 88 100
 58 119.7 63.5 95.3#
 43 0.0 24.2 36.4#

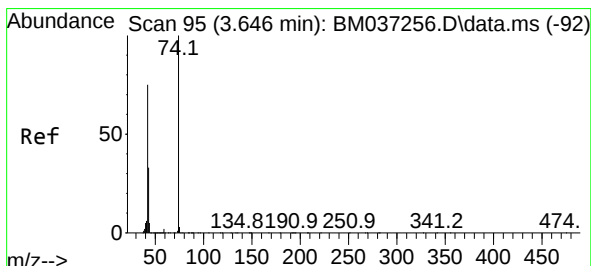
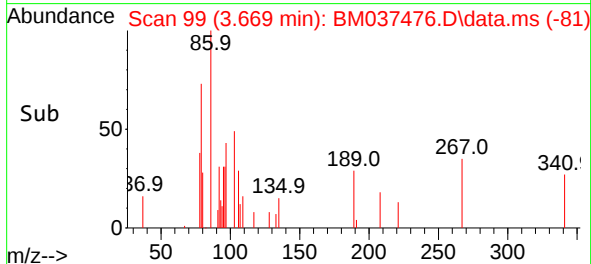
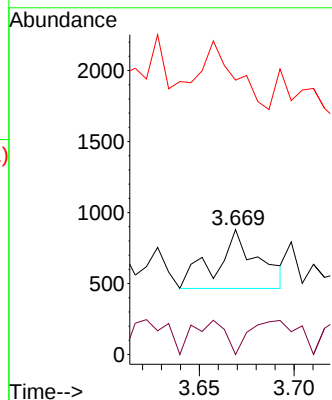
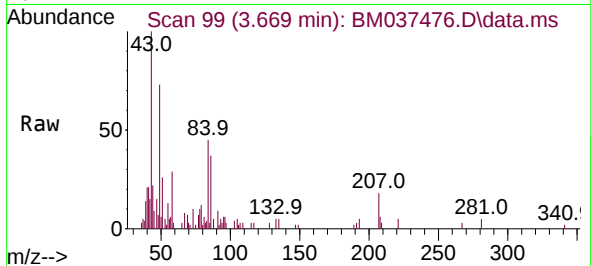




#3
Pyridine
Concen: 0.036 ng
RT: 3.669 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

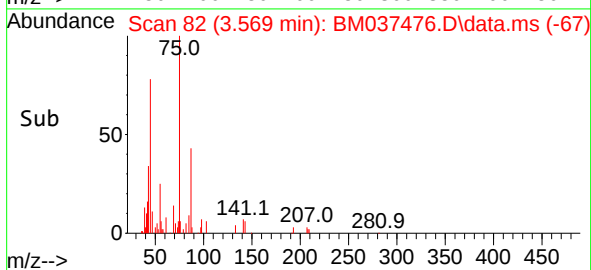
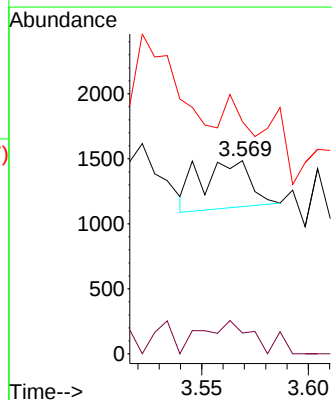
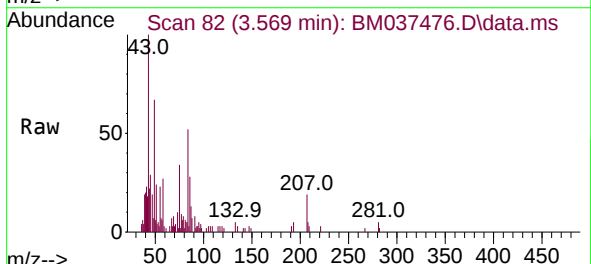
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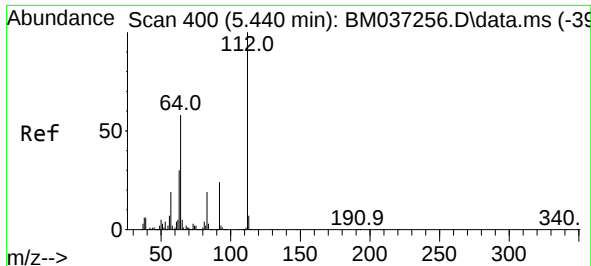
Tgt Ion: 79 Resp: 645
Ion Ratio Lower Upper
79 100
52 0.0 57.8 86.6#
51 219.7 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.076 ng
RT: 3.569 min Scan# 82
Delta R.T. -0.012 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 42 Resp: 597
Ion Ratio Lower Upper
42 100
74 10.8 106.2 159.2#
44 120.2 5.4 8.0#

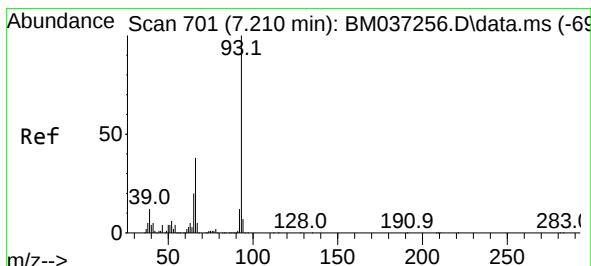
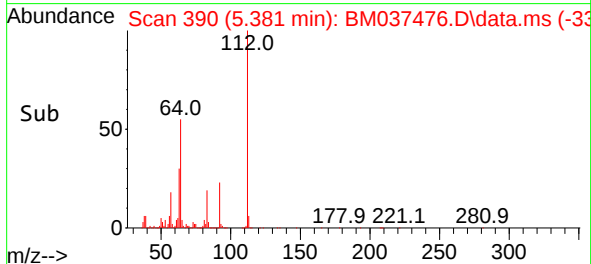
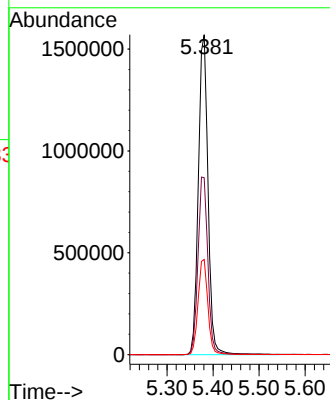
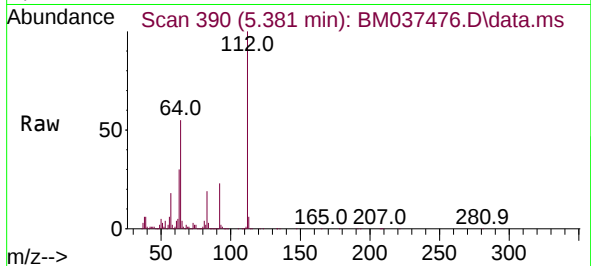




#5
2-Fluorophenol
Concen: 153.885 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

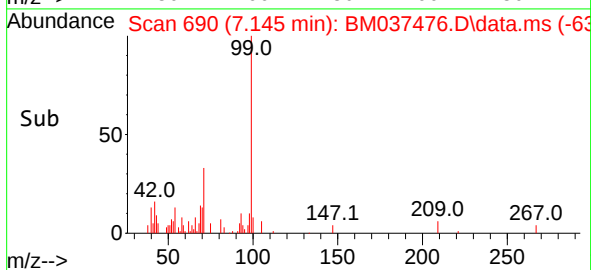
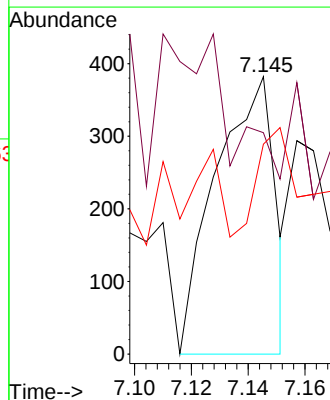
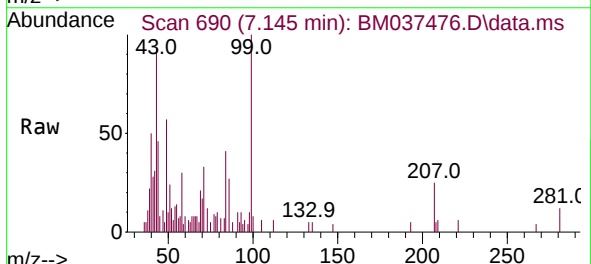
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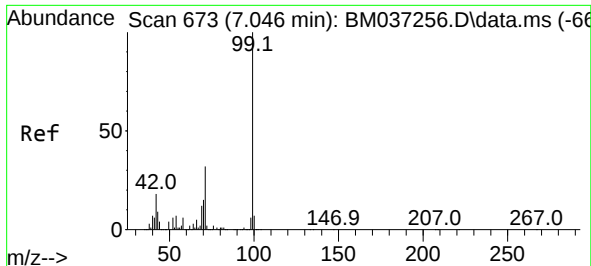
Tgt Ion:112 Resp: 2274345
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 29.7 24.4 36.6



#6
Aniline
Concen: 0.023 ng
RT: 7.145 min Scan# 690
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 93 Resp: 554
Ion Ratio Lower Upper
93 100
66 79.8 30.4 45.6#
65 75.7 16.2 24.2#

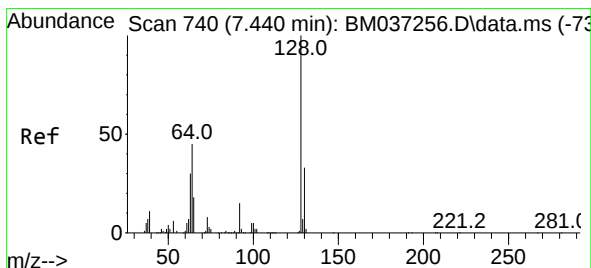
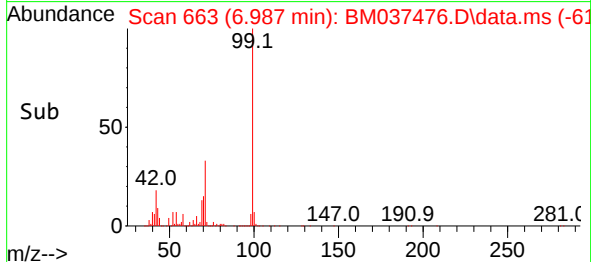
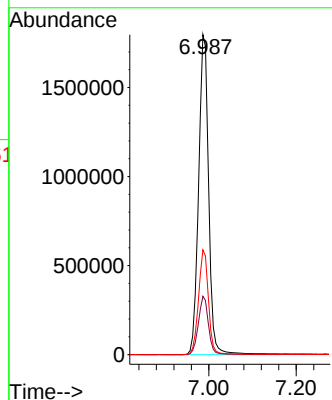
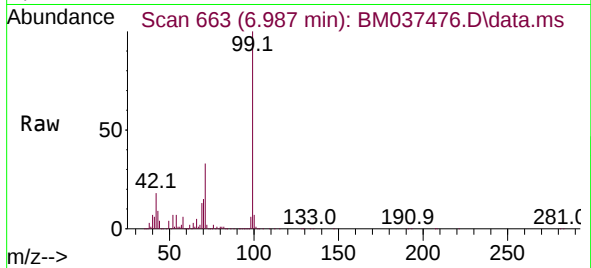




#7
Phenol-d6
Concen: 142.568 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

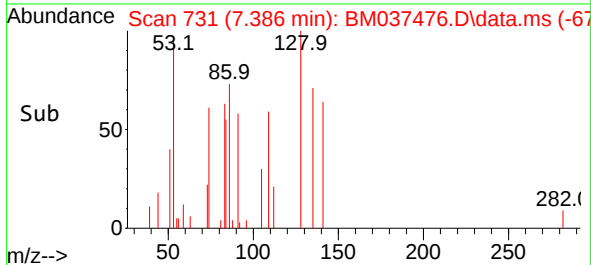
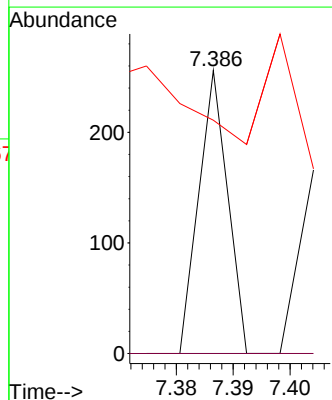
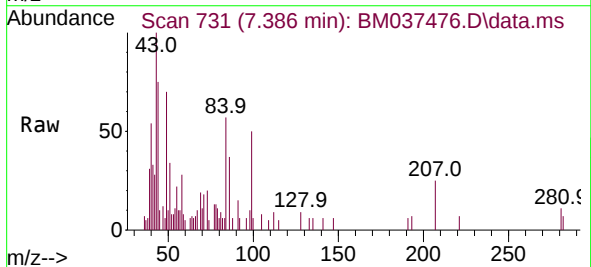
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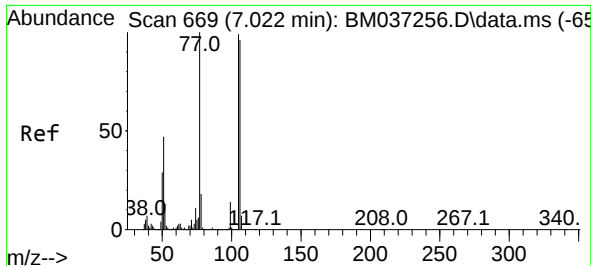
Tgt Ion: 99 Resp: 2859769
Ion Ratio Lower Upper
99 100
42 18.2 14.8 22.2
71 32.7 25.6 38.4



#8
2-Chlorophenol
Concen: 0.005 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.012 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 128 Resp: 90
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 82.4 26.4 66.4#

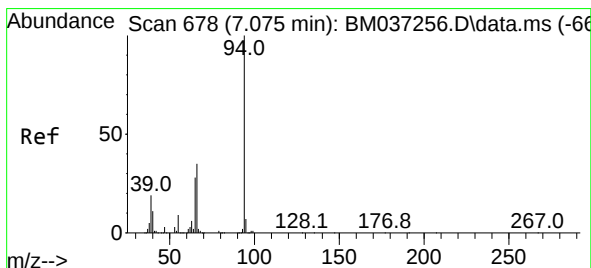
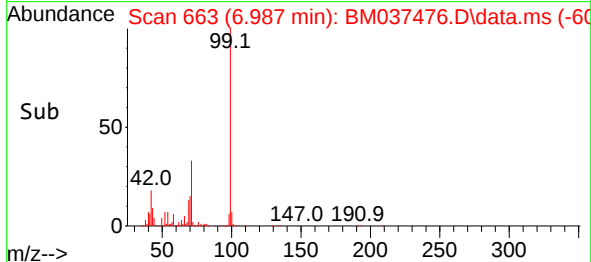
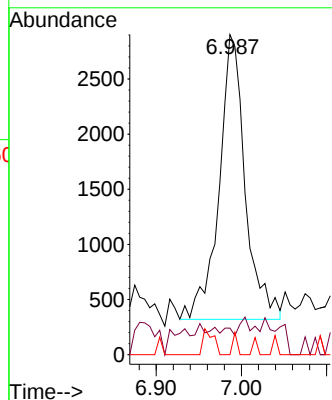
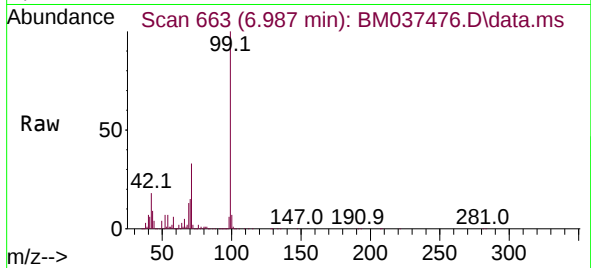




#9
Benzaldehyde
Concen: 0.543 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.029 min
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Acq: 11 Nov 2022 20:41

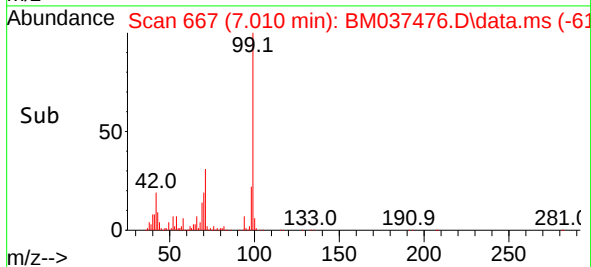
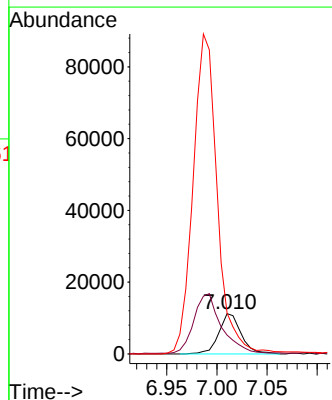
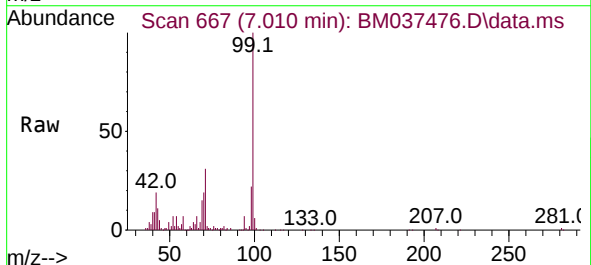
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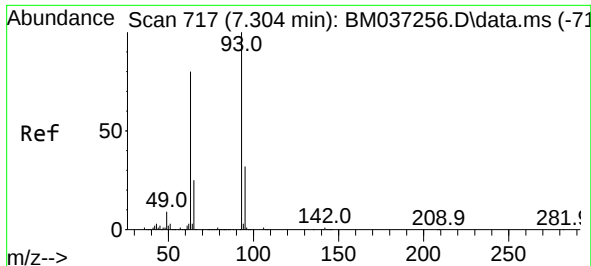
Tgt Ion: 77 Resp: 5509
Ion Ratio Lower Upper
77 100
105 8.3 78.6 118.6#
106 0.0 75.8 115.8#



#10
Phenol
Concen: 0.772 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 94 Resp: 17355
Ion Ratio Lower Upper
94 100
65 46.7 8.1 48.1
66 101.1 15.5 55.5#

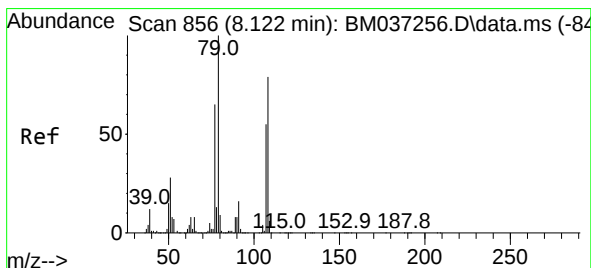
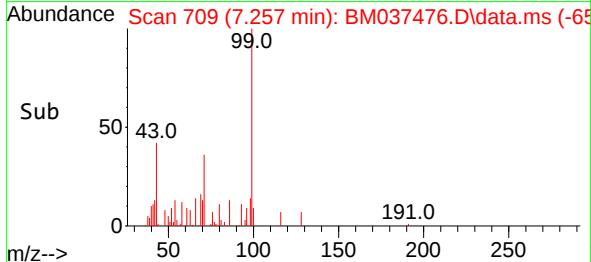
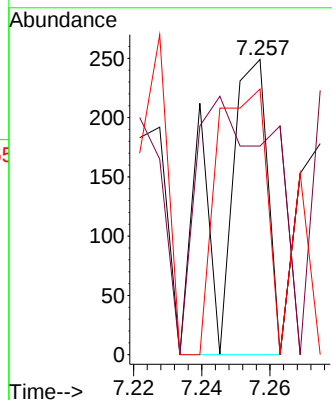
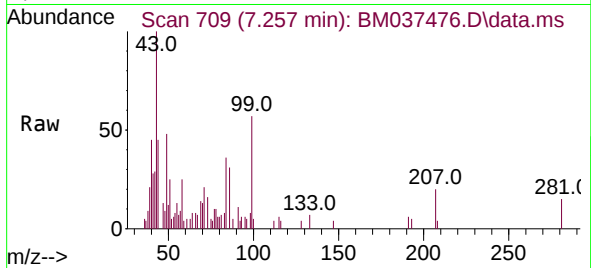




#11
bis(2-Chloroethyl)ether
Concen: 0.014 ng
RT: 7.257 min Scan# 709
Delta R.T. 0.018 min
Lab File: BM037476.D
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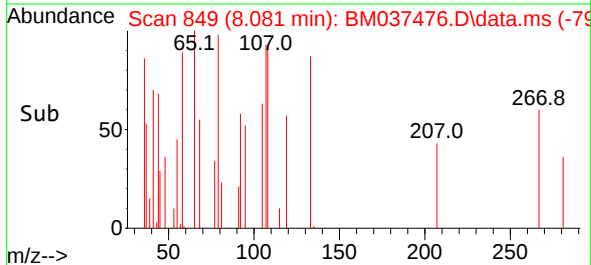
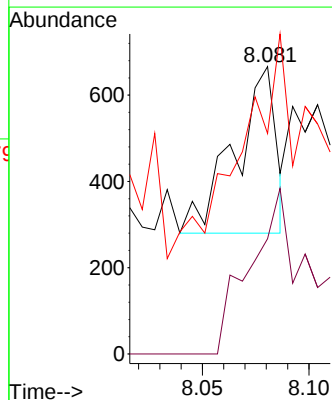
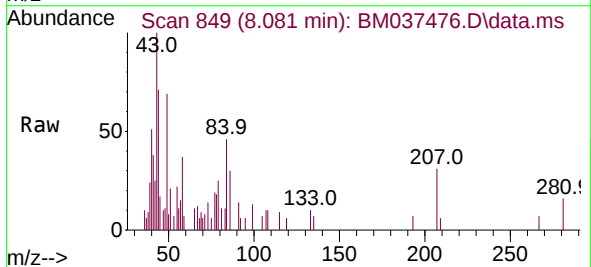
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ClientSampleId :
SB-33

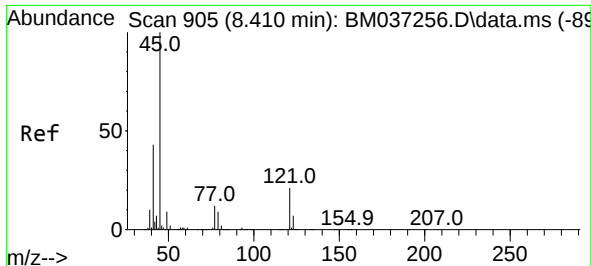
Tgt Ion: 93 Resp: 244
Ion Ratio Lower Upper
93 100
63 70.7 59.3 99.3
95 90.0 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.036 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.018 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 79 Resp: 520
Ion Ratio Lower Upper
79 100
108 40.1 63.1 94.7#
77 76.7 51.7 77.5

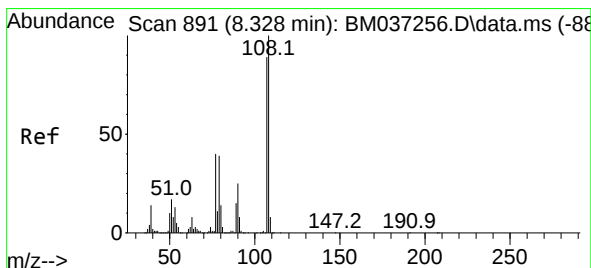
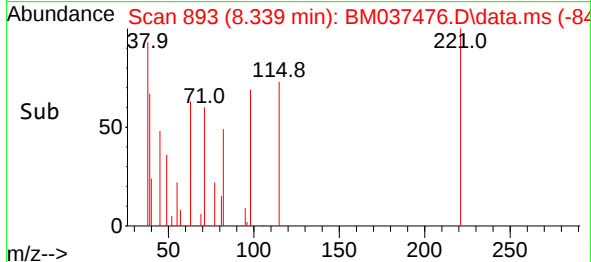
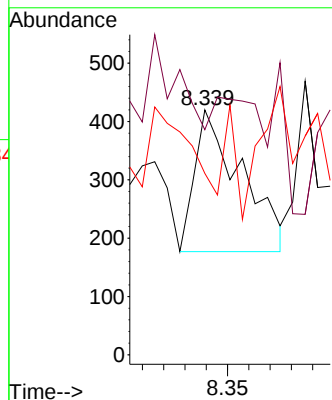
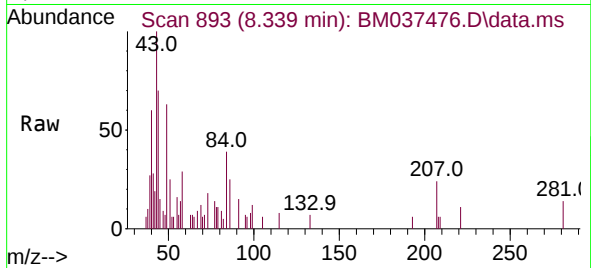




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.014 ng
RT: 8.339 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

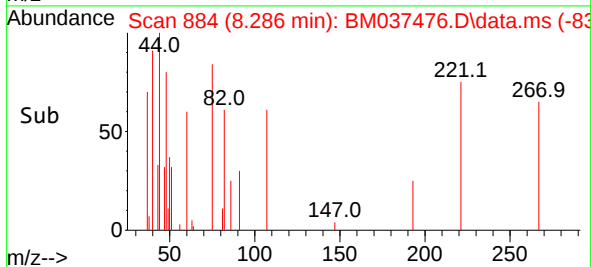
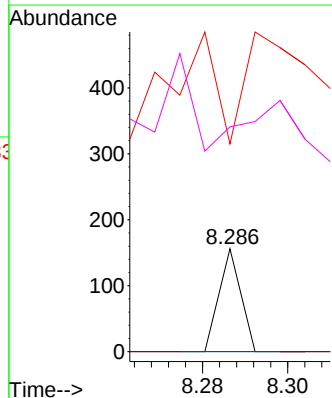
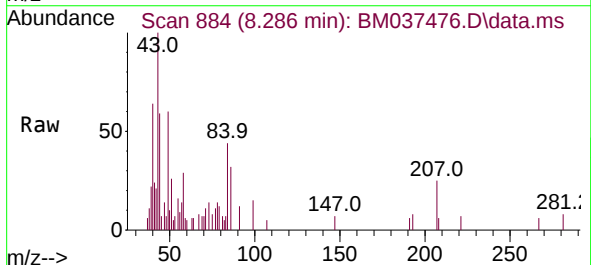
Instrument :
BNA_M
ClientSampleId :
SB-33

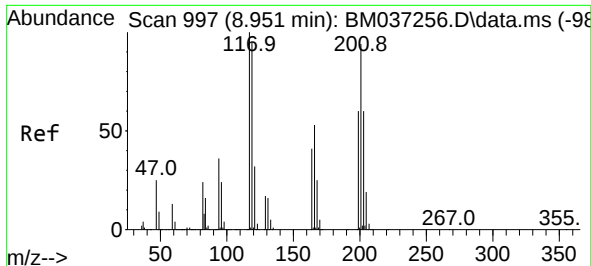
Tgt Ion: 45 Resp: 371
Ion Ratio Lower Upper
45 100
77 91.9 0.0 34.0#
79 74.0 0.0 30.6#



#17
2-Methylphenol
Concen: 0.004 ng
RT: 8.286 min Scan# 884
Delta R.T. 0.018 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 107 Resp: 55
Ion Ratio Lower Upper
107 100
108 0.0 89.5 134.3#
77 201.9 36.2 54.2#
79 218.6 35.0 52.6#

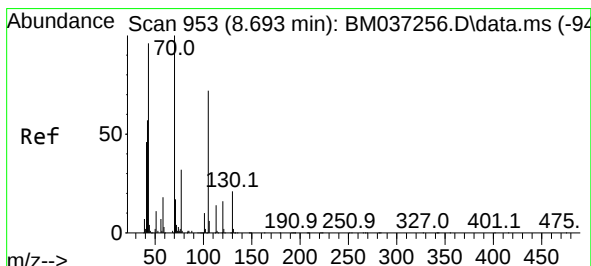
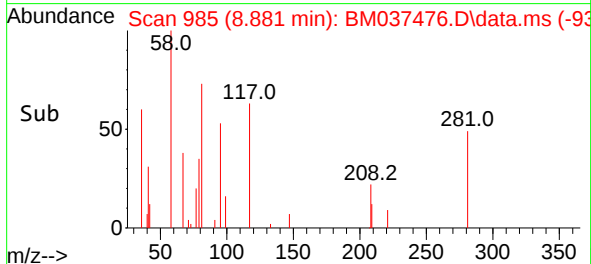
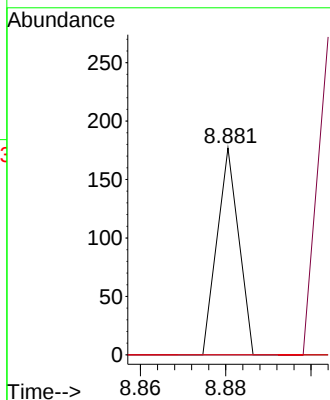
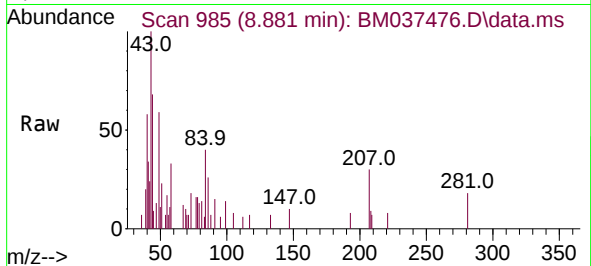




#18
Hexachloroethane
Concen: 0.009 ng
RT: 8.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

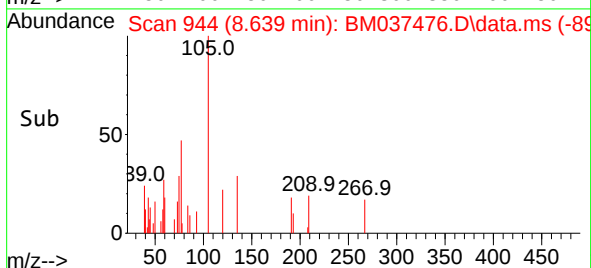
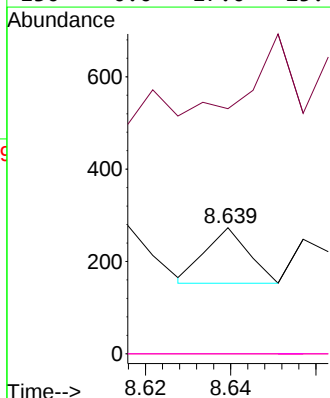
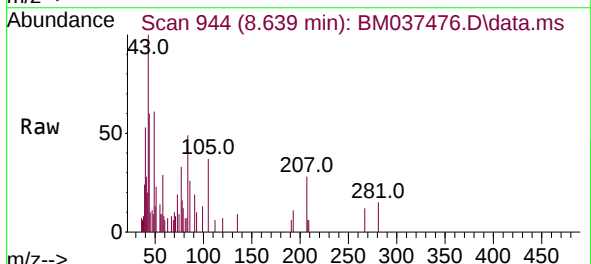
Instrument :
BNA_M
ClientSampleId :
SB-33

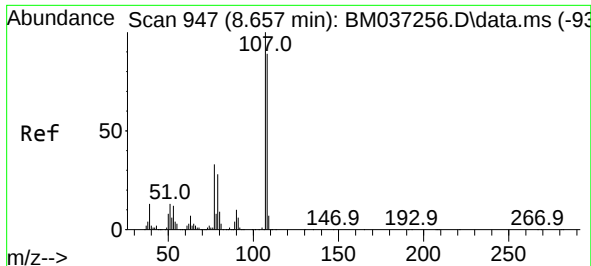
Tgt Ion:117 Resp: 62
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.079 ng
RT: 8.639 min Scan# 944
Delta R.T. 0.012 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 70 Resp: 84
Ion Ratio Lower Upper
70 100
42 194.5 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

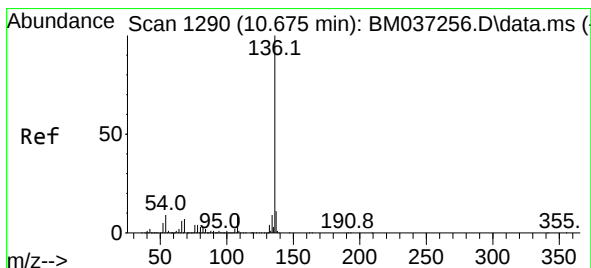
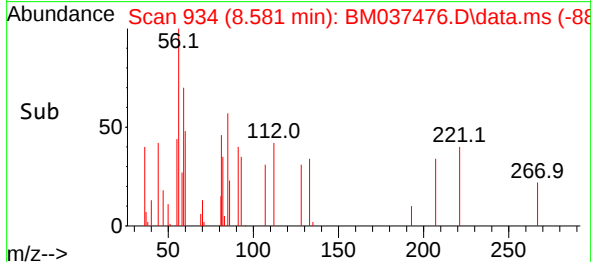
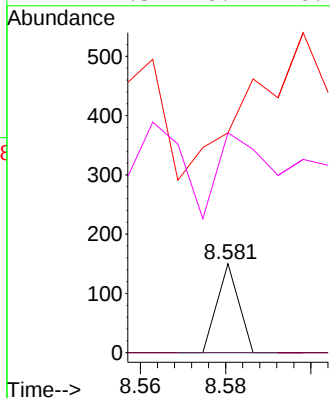
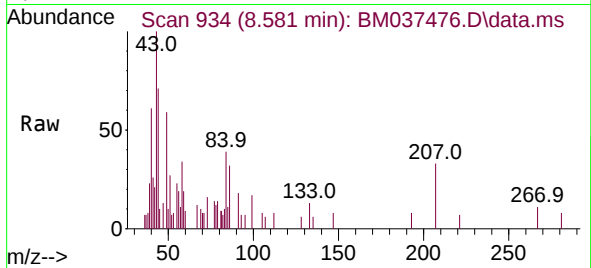




#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.581 min Scan# 947
Delta R.T. -0.018 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

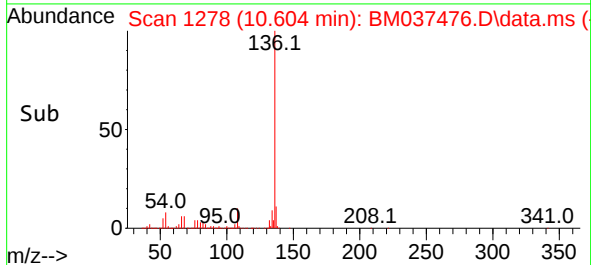
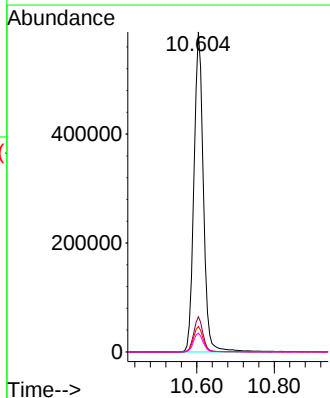
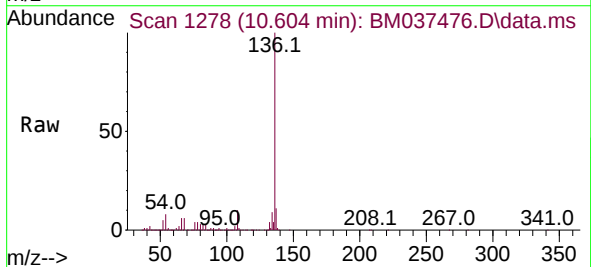
Instrument :
BNA_M
ClientSampleId :
SB-33

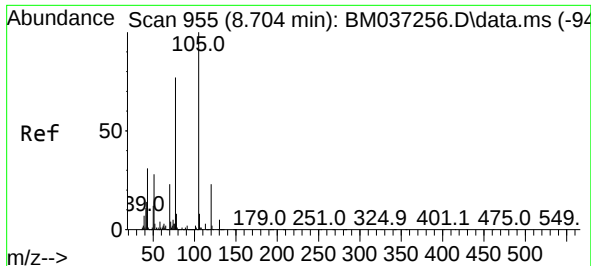
Tgt Ion:107 Resp: 53
Ion Ratio Lower Upper
107 100
108 0.0 69.4 109.4#
77 247.3 12.8 52.8#
79 247.3 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:136 Resp: 992590
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.9 7.0 10.4
68 5.9 5.4 8.0

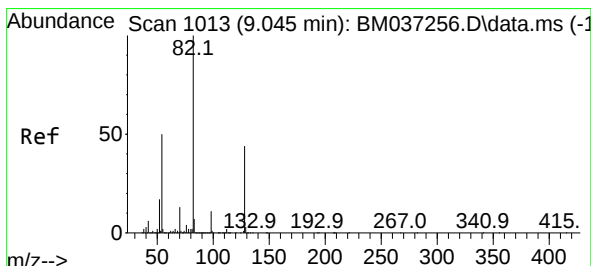
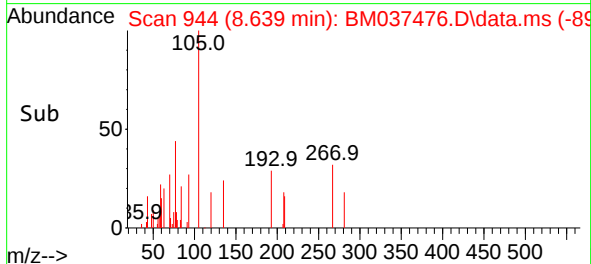
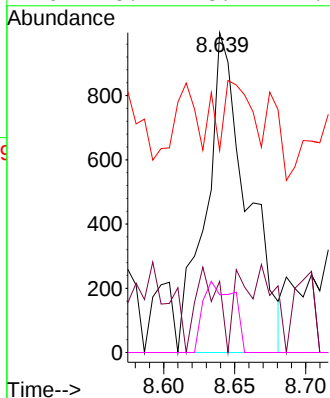
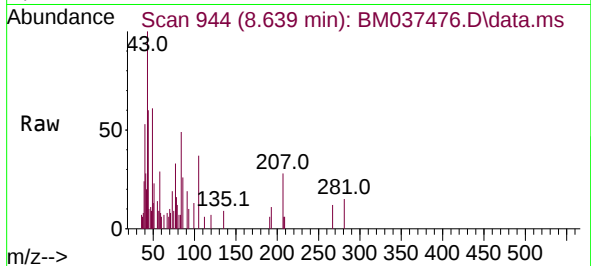




#22
Acetophenone
Concen: 0.078 ng
RT: 8.639 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

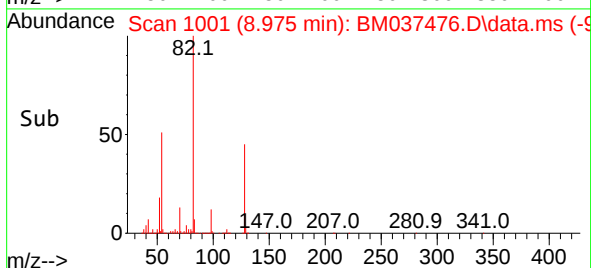
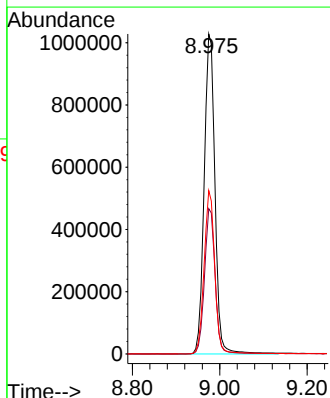
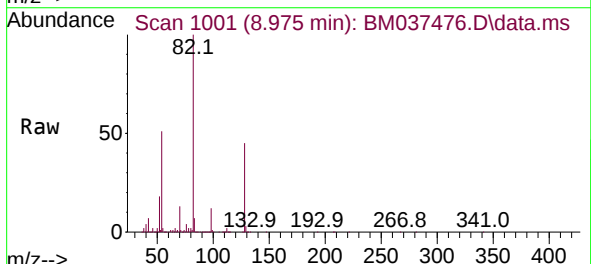
Instrument :
BNA_M
ClientSampleId :
SB-33

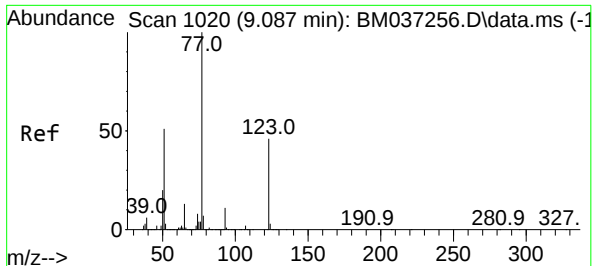
Tgt Ion:	105	Resp:	2014
Ion	Ratio	Lower	Upper
105	100		
71	22.3	3.0	4.4#
51	63.2	22.1	33.1#
120	18.1	18.2	27.2#



#23
Nitrobenzene-d5
Concen: 88.789 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:	82	Resp:	1746814
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.2	52.8
54	51.0	40.4	60.6

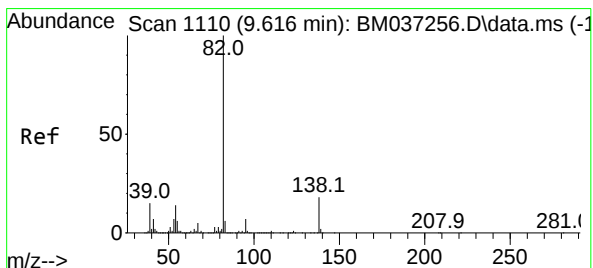
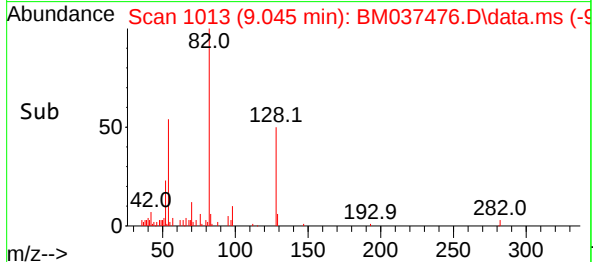
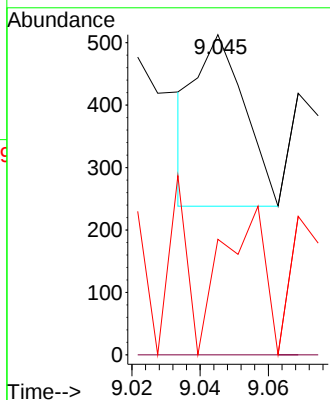
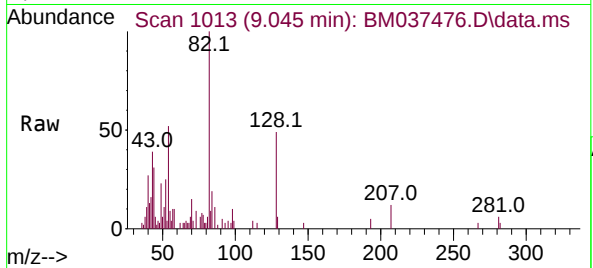




#24
Nitrobenzene
Concen: 0.014 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.023 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

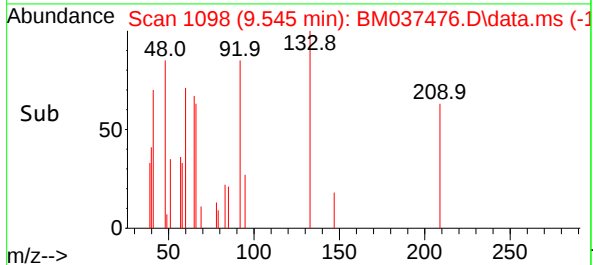
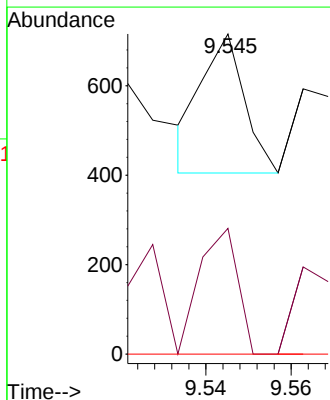
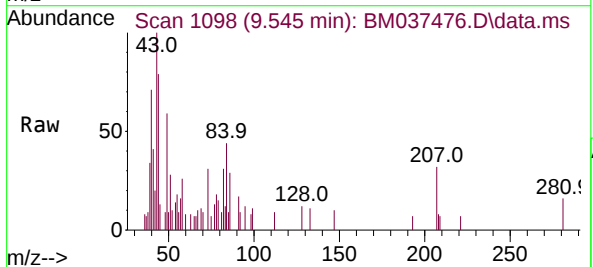
Instrument :
BNA_M
ClientSampleId :
SB-33

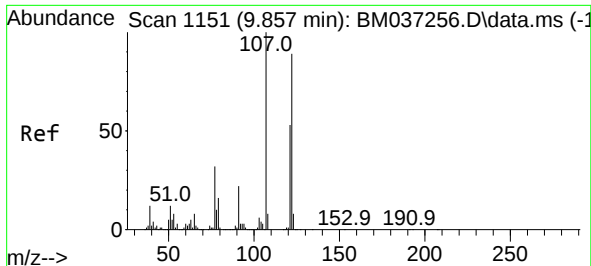
Tgt Ion: 77 Resp: 273
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 36.1 10.6 16.0#



#25
Isophorone
Concen: 0.007 ng
RT: 9.545 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 82 Resp: 216
Ion Ratio Lower Upper
82 100
95 39.2 5.4 8.0#
138 0.0 14.2 21.4#





#27

2,4-Dimethylphenol

Concen: 0.079 ng

RT: 9.980 min Scan# 111

Delta R.T. 0.182 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

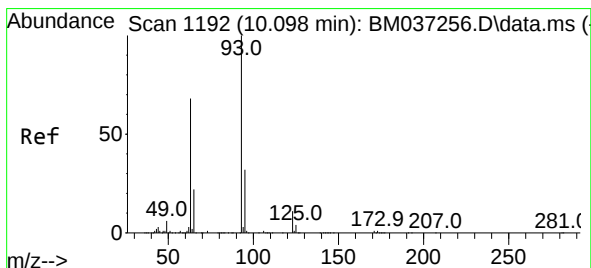
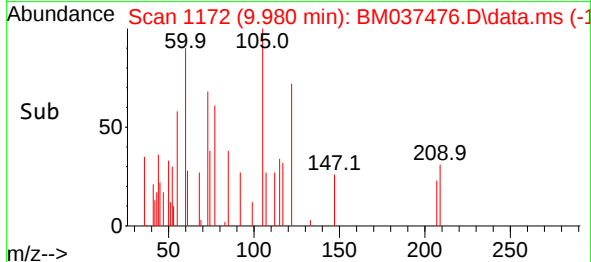
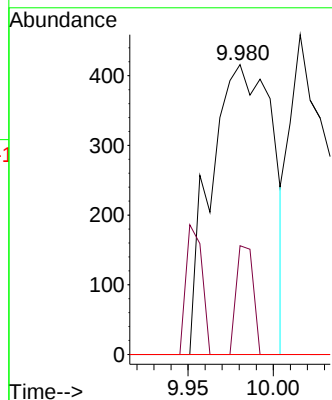
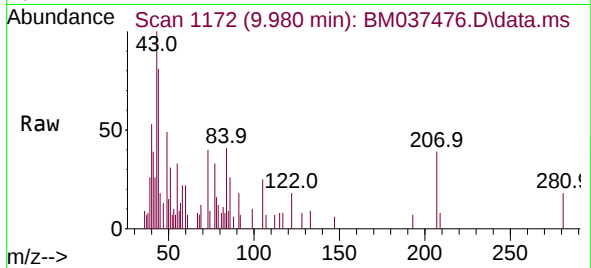
Tgt Ion:122 Resp: 1053

Ion Ratio Lower Upper

122 100

107 37.5 89.7 134.5#

121 0.0 47.1 70.7#



#28

bis(2-Chloroethoxy)methane

Concen: 0.003 ng

RT: 10.051 min Scan# 1184

Delta R.T. 0.018 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

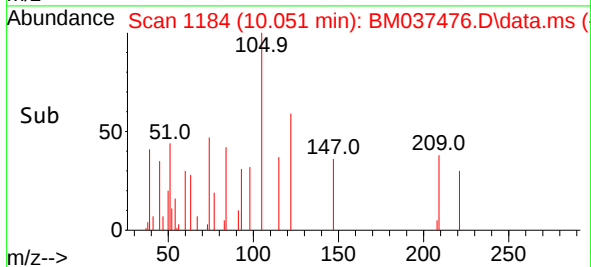
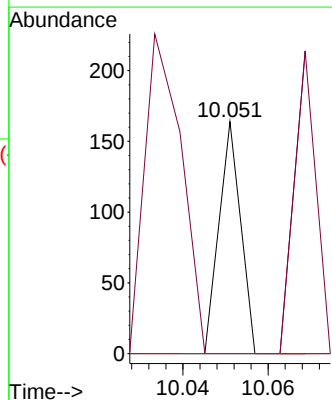
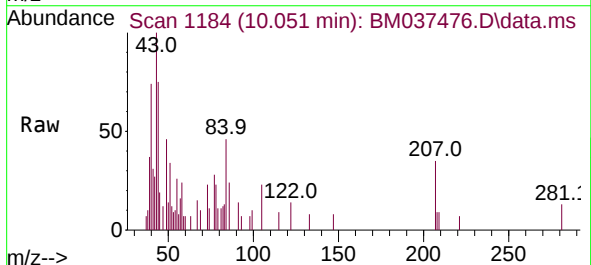
Tgt Ion: 93 Resp: 58

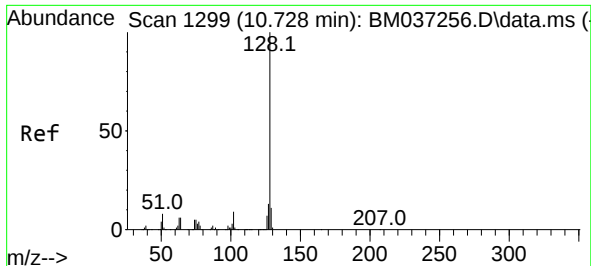
Ion Ratio Lower Upper

93 100

95 0.0 25.8 38.8#

123 0.0 9.3 13.9#

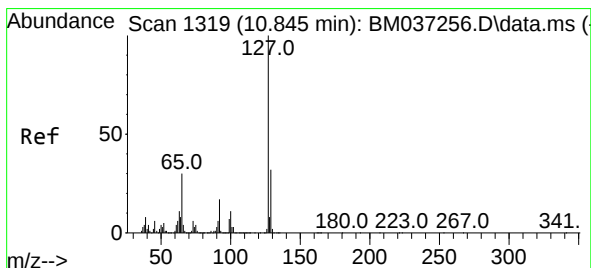
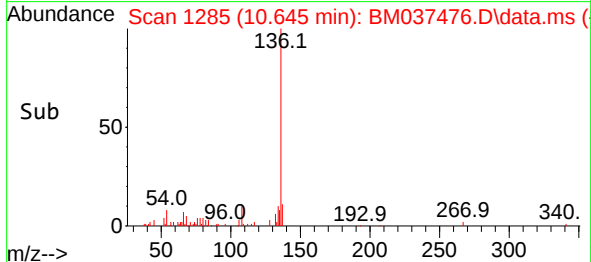
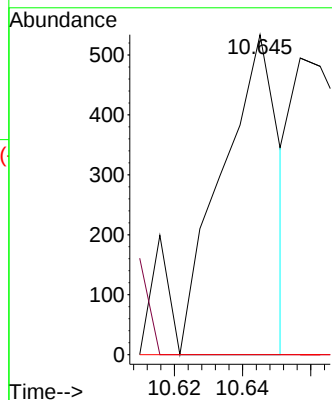
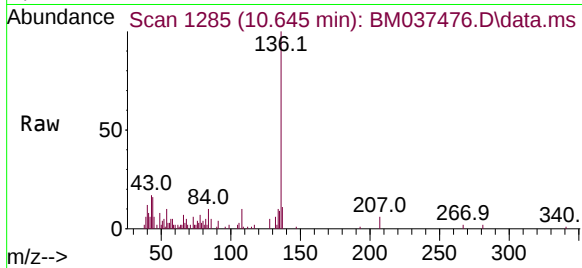




#31
Naphthalene
Concen: 0.011 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

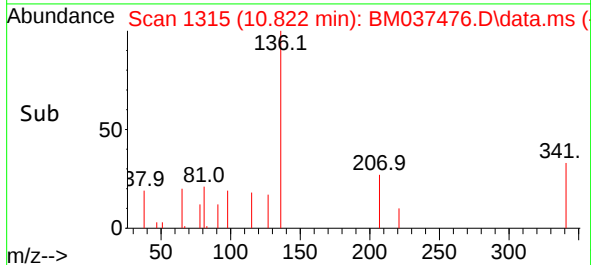
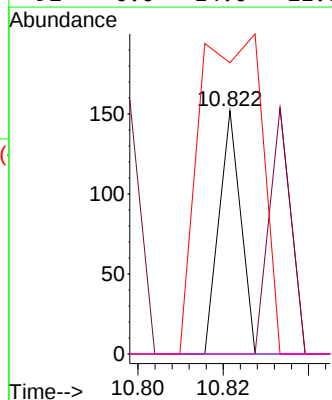
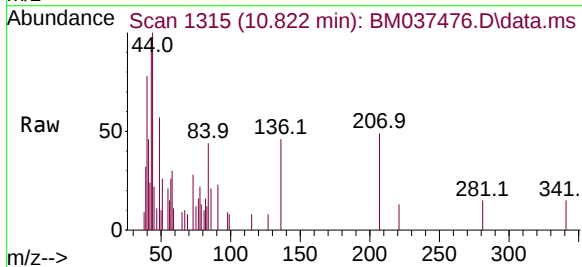
Instrument :
BNA_M
ClientSampleId :
SB-33

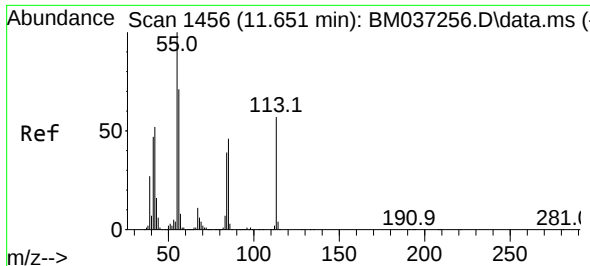
Tgt Ion:128 Resp: 625
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.2 15.2#



#33
4-Chloroaniline
Concen: 0.002 ng
RT: 10.822 min Scan# 1315
Delta R.T. 0.035 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:127 Resp: 54
Ion Ratio Lower Upper
127 100
129 0.0 25.5 38.3#
65 119.7 24.0 36.0#
92 0.0 14.0 21.0#

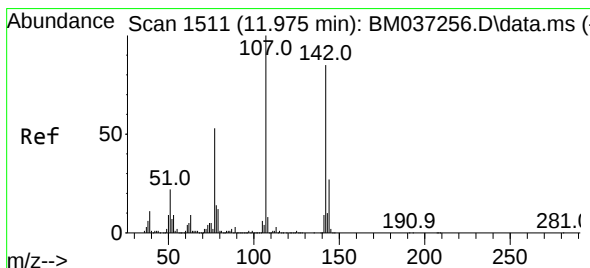
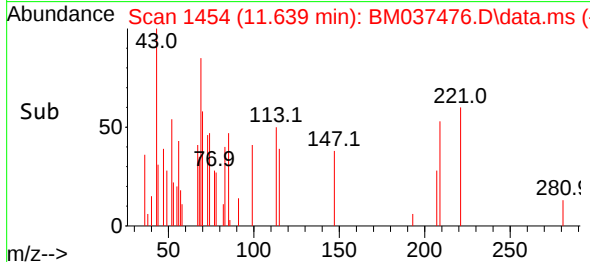
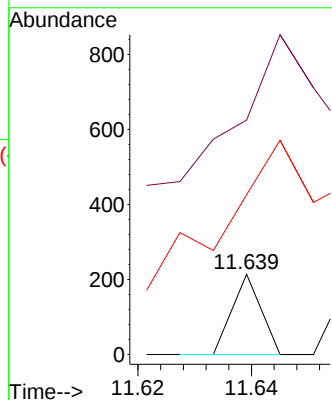
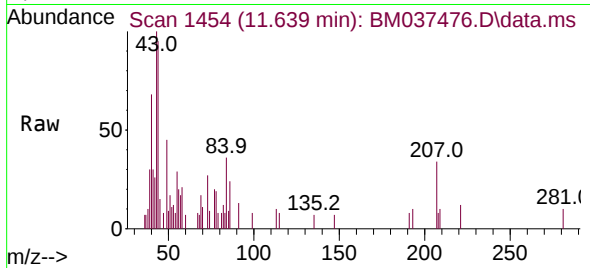




#35
Caprolactam
Concen: 0.016 ng
RT: 11.639 min Scan# 1456
Delta R.T. 0.023 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

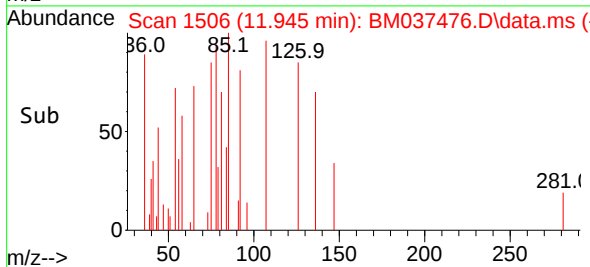
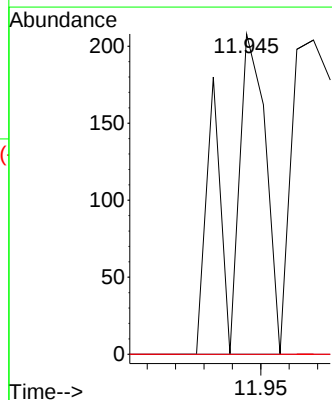
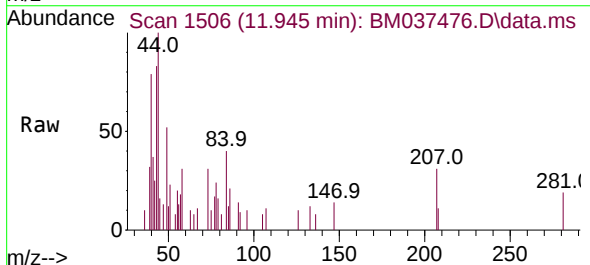
Instrument :
BNA_M
ClientSampleId :
SB-33

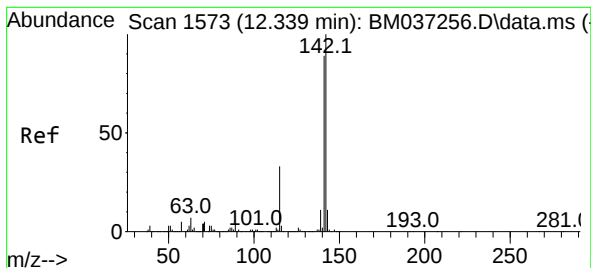
Tgt Ion:113 Resp: 76
Ion Ratio Lower Upper
113 100
55 292.1 156.9 196.9#
56 199.1 106.4 146.4#



#36
4-Chloro-3-methylphenol
Concen: 0.012 ng
RT: 11.945 min Scan# 1506
Delta R.T. 0.023 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:107 Resp: 194
Ion Ratio Lower Upper
107 100
144 0.0 21.8 32.6#
142 0.0 68.1 102.1#

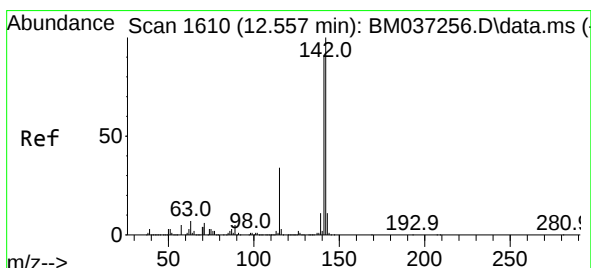
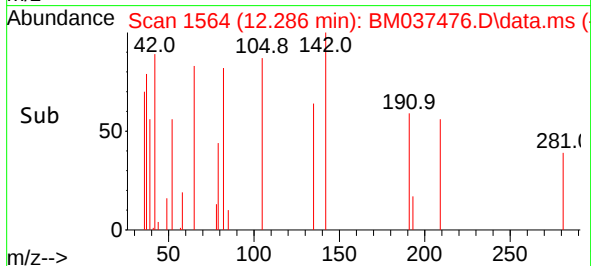
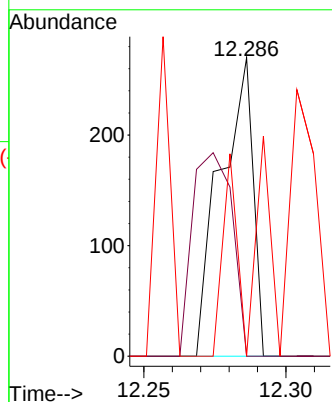
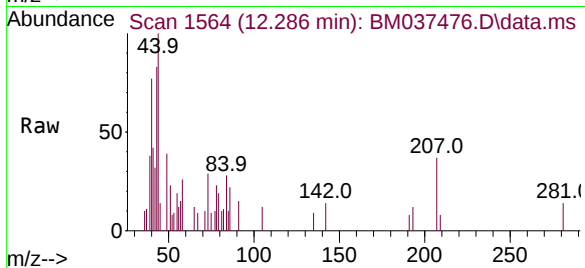




#37
2-Methylnaphthalene
Concen: 0.006 ng
RT: 12.286 min Scan# 1564
Delta R.T. 0.012 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

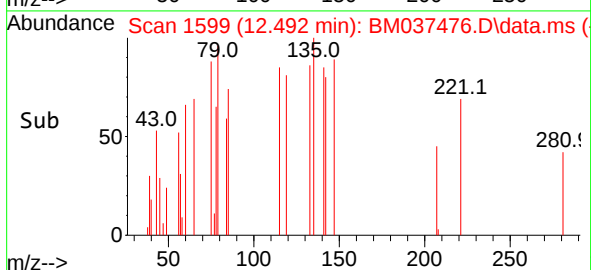
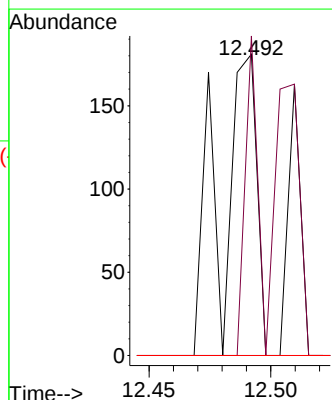
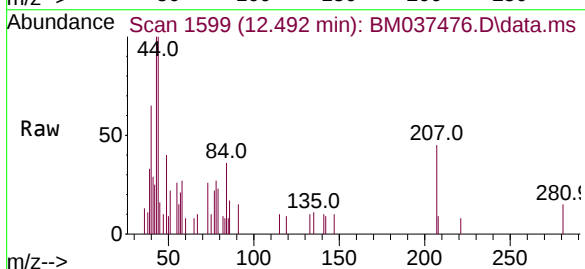
Instrument :
BNA_M
ClientSampleId :
SB-33

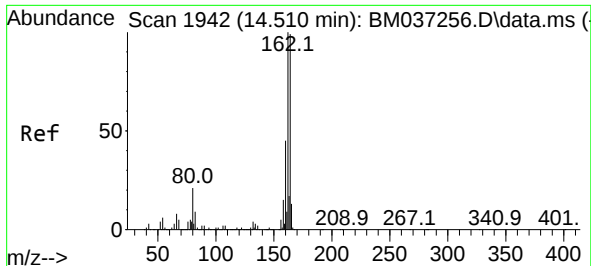
Tgt Ion:142 Resp: 215
Ion Ratio Lower Upper
142 100
141 0.0 71.3 106.9#
115 0.0 26.0 39.0#



#38
1-Methylnaphthalene
Concen: 0.005 ng
RT: 12.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
141 106.1 73.0 109.6
116 0.0 2.8 4.2#

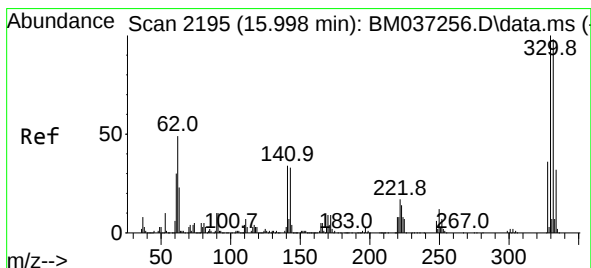
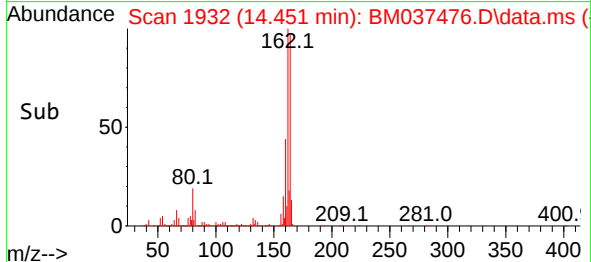
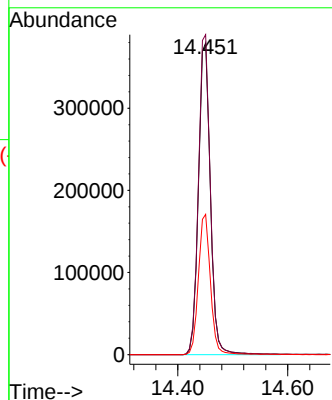
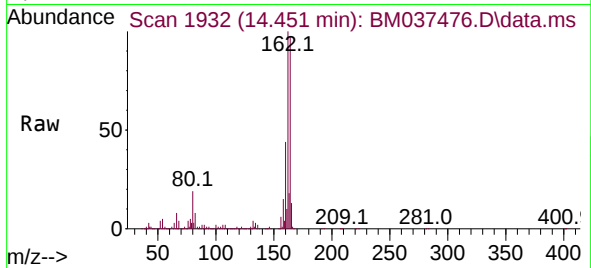




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

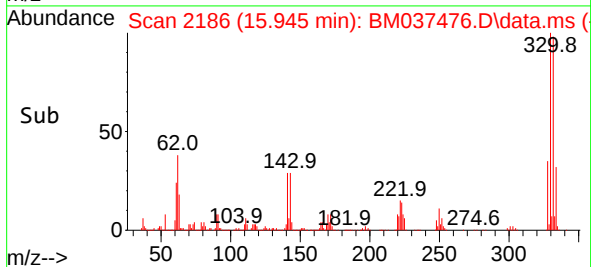
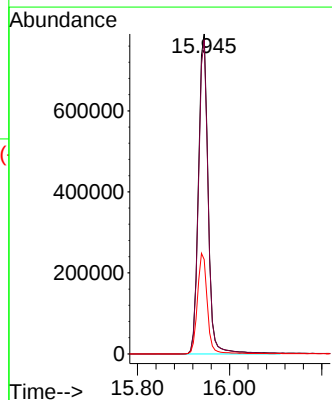
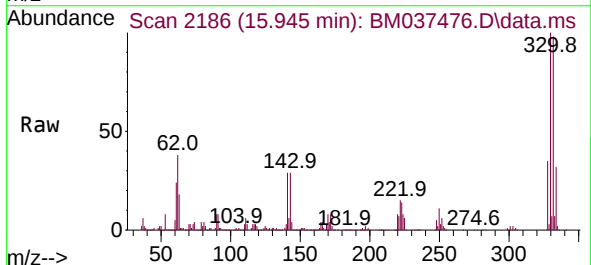
Instrument :
BNA_M
ClientSampleId :
SB-33

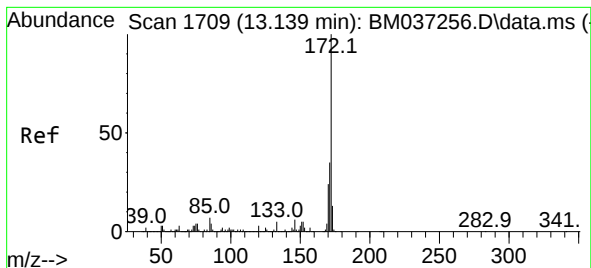
Tgt Ion:164 Resp: 570459
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 45.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 171.251 ng
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:330 Resp: 1151261
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 31.8 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 92.065 ng

RT: 13.074 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

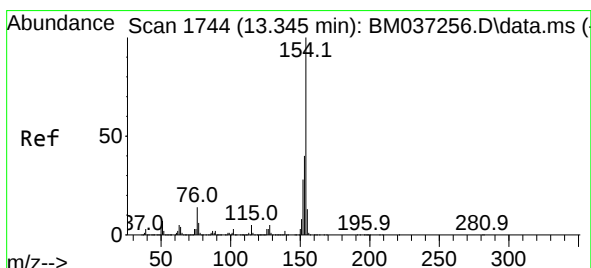
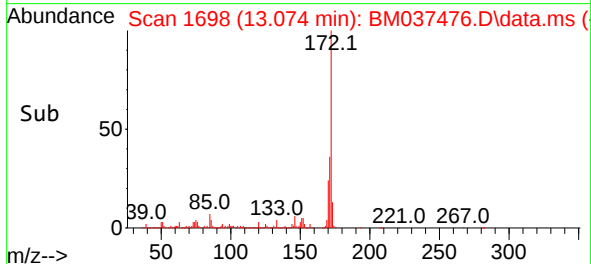
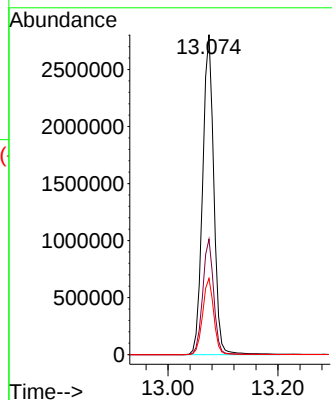
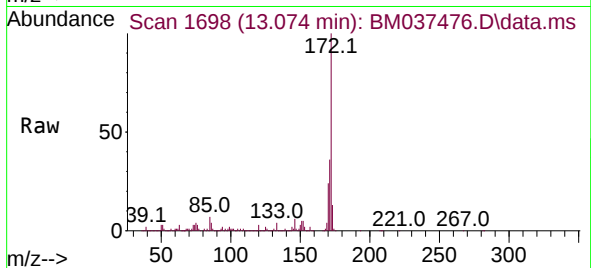
Tgt Ion:172 Resp: 3952722

Ion Ratio Lower Upper

172 100

171 36.1 28.1 42.1

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 0.007 ng

RT: 13.286 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

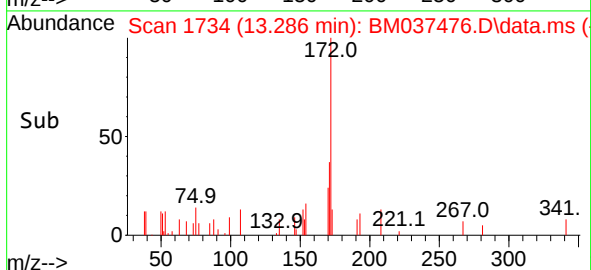
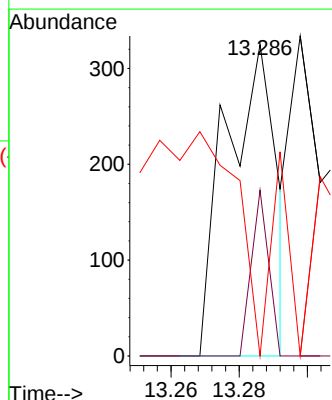
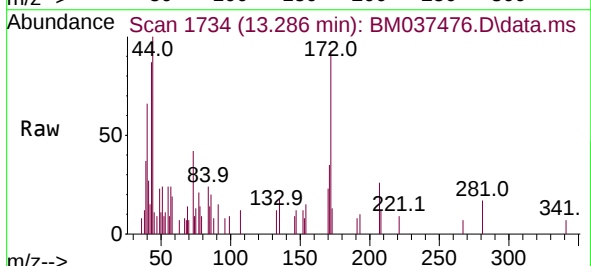
Tgt Ion:154 Resp: 338

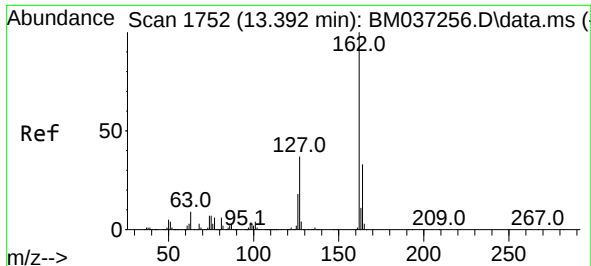
Ion Ratio Lower Upper

154 100

153 53.2 20.3 60.3

76 0.0 0.0 33.7

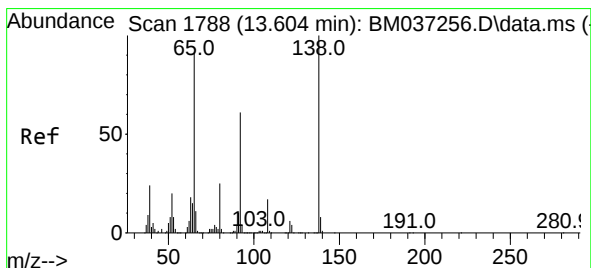
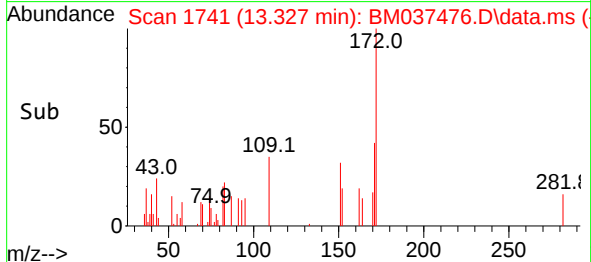
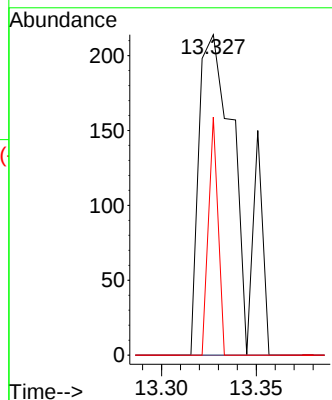
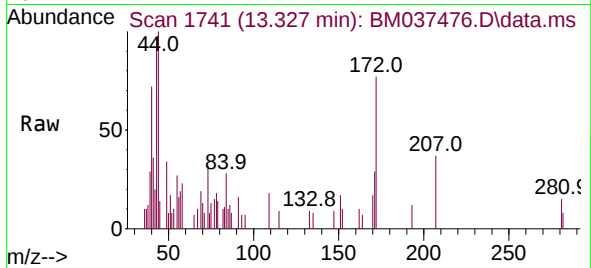




#47
2-Chloronaphthalene
Concen: 0.008 ng
RT: 13.327 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

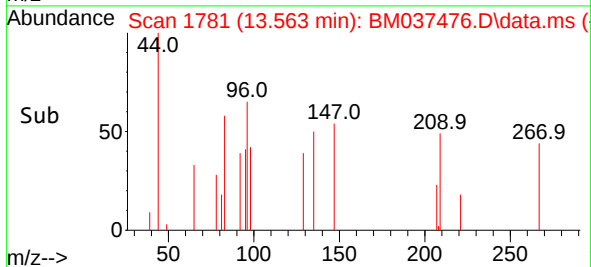
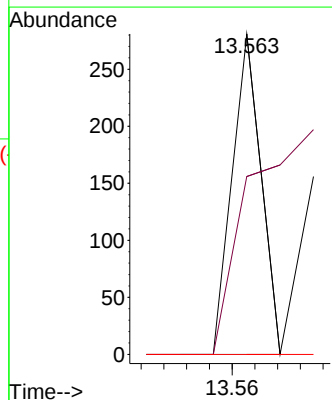
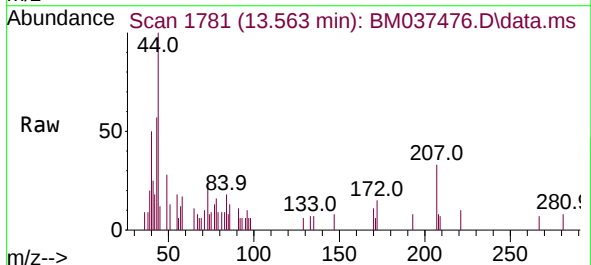
Instrument :
BNA_M
ClientSampleId :
SB-33

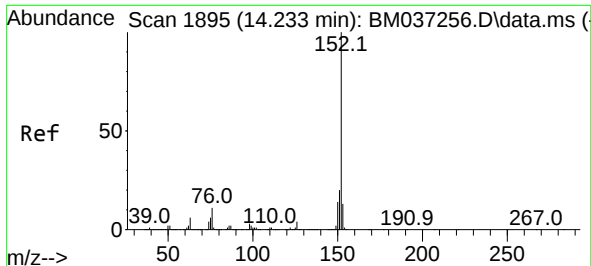
Tgt Ion:162 Resp: 309
Ion Ratio Lower Upper
162 100
127 0.0 29.5 44.3#
164 74.3 26.3 39.5#



#48
2-Nitroaniline
Concen: 0.009 ng
RT: 13.563 min Scan# 1781
Delta R.T. 0.012 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 65 Resp: 99
Ion Ratio Lower Upper
65 100
92 55.5 53.7 80.5
138 0.0 87.4 131.2#

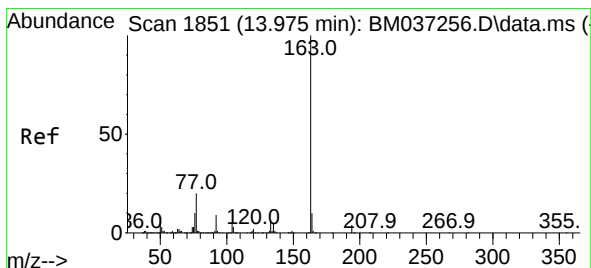
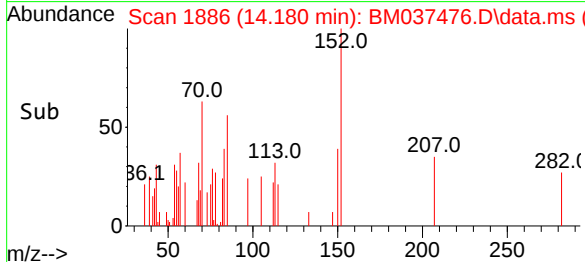
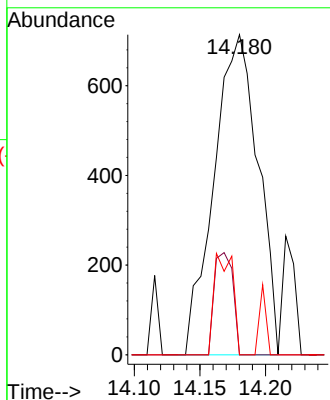
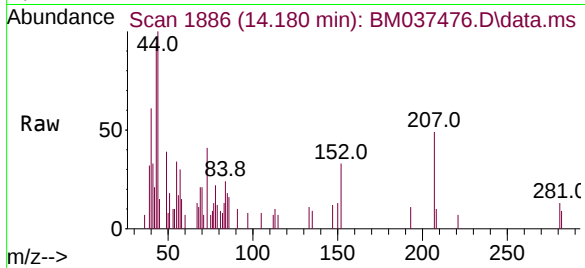




#49
Acenaphthylene
Concen: 0.029 ng
RT: 14.180 min Scan# 1886
Delta R.T. 0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

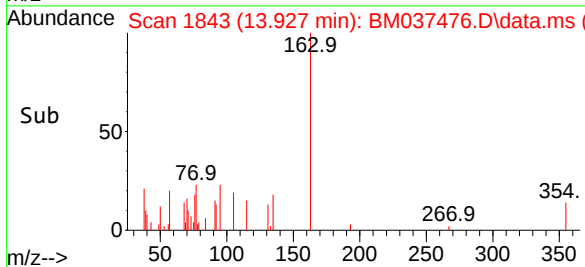
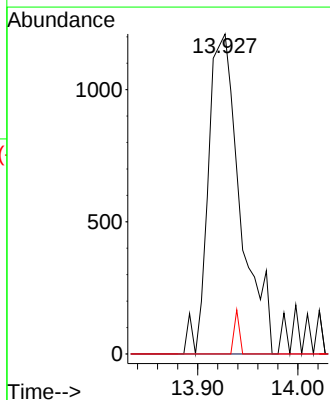
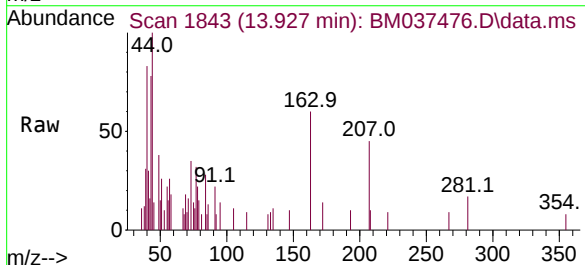
Instrument :
BNA_M
ClientSampleId :
SB-33

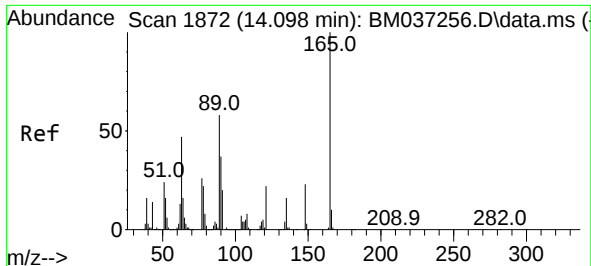
Tgt Ion:152 Resp: 1670
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 0.0 10.6 15.8#



#50
Dimethylphthalate
Concen: 0.062 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:163 Resp: 2704
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 0.0 8.2 12.2#

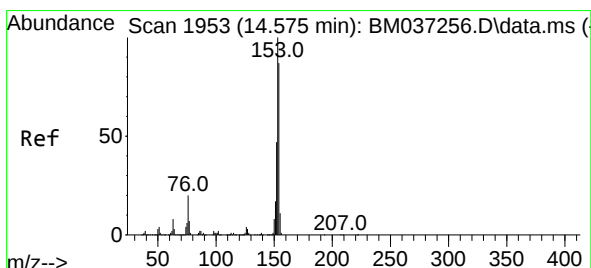
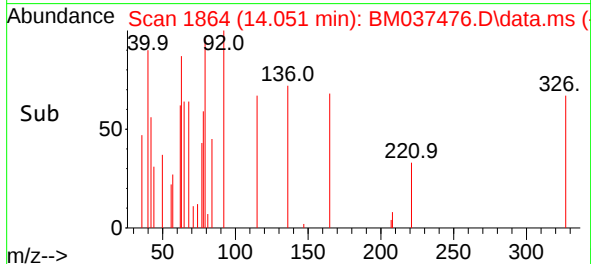
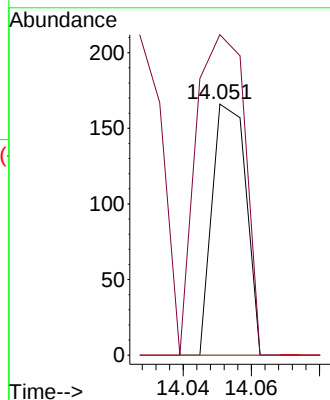
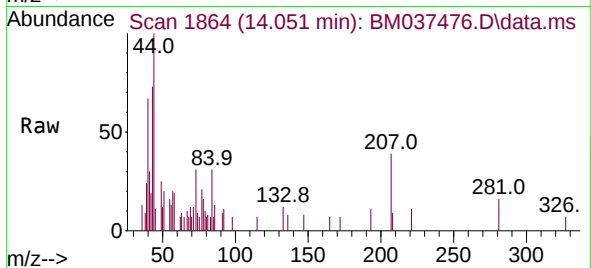




#51
2,6-Dinitrotoluene
Concen: 0.012 ng
RT: 14.051 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

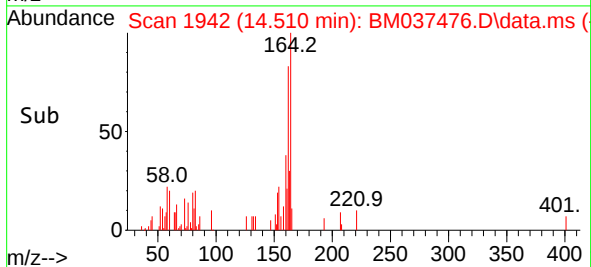
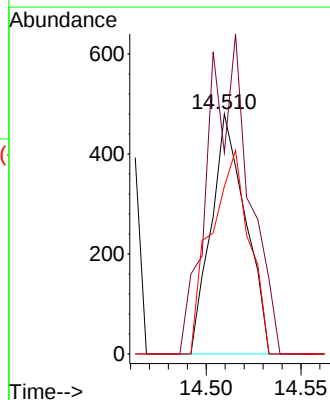
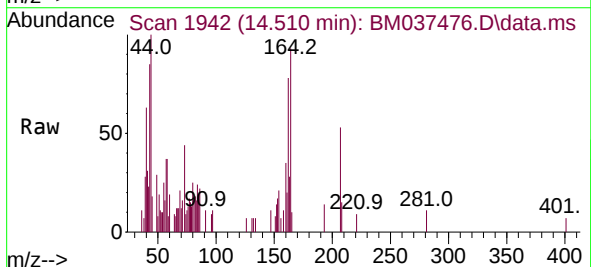
Instrument :
BNA_M
ClientSampleId :
SB-33

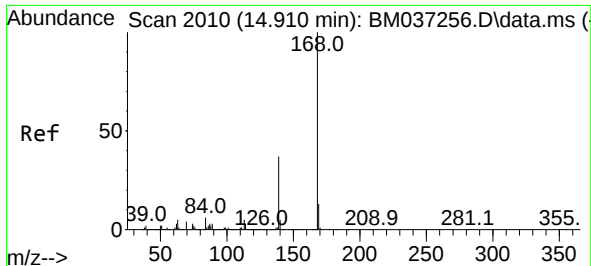
Tgt Ion:165 Resp: 114
Ion Ratio Lower Upper
165 100
63 127.7 46.2 69.2#
89 0.0 46.6 69.8#



#52
Acenaphthene
Concen: 0.017 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:154 Resp: 604
Ion Ratio Lower Upper
154 100
153 84.0 91.5 137.3#
152 69.8 43.0 64.6#

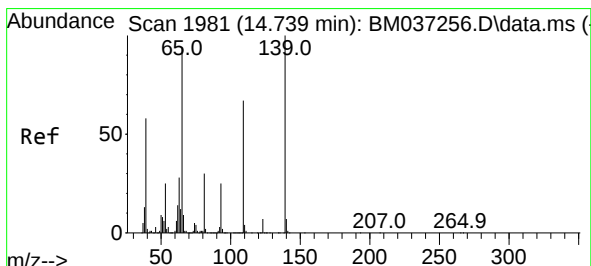
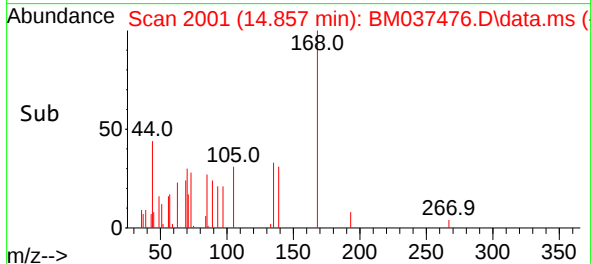
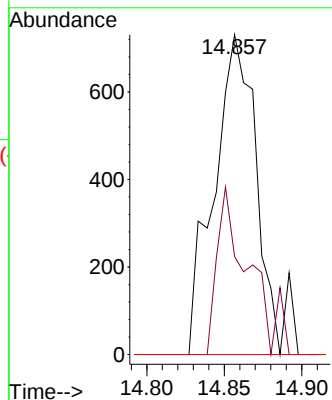
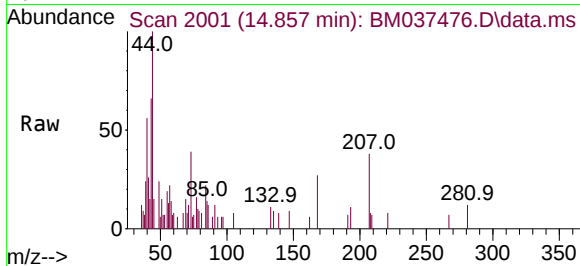




#55
Dibenzofuran
Concen: 0.025 ng
RT: 14.857 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

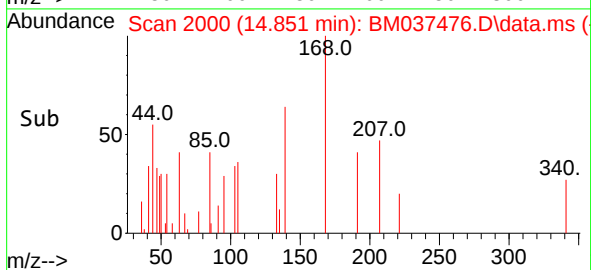
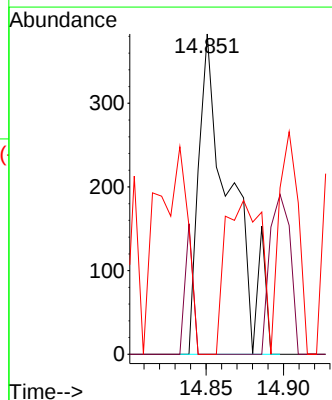
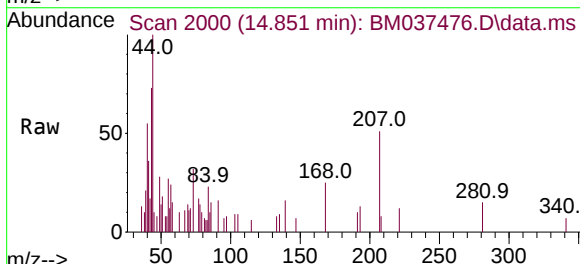
Instrument :
BNA_M
ClientSampleId :
SB-33

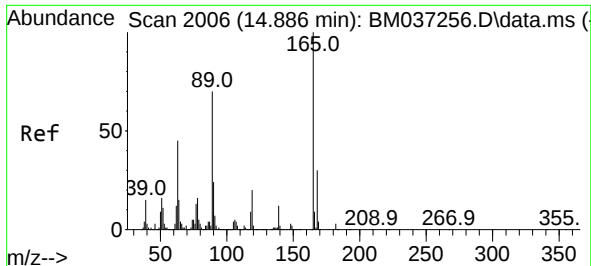
Tgt Ion:168 Resp: 1376
Ion Ratio Lower Upper
168 100
139 30.6 29.3 43.9
169 0.0 10.6 16.0#



#56
4-Nitrophenol
Concen: 0.067 ng
RT: 14.851 min Scan# 2000
Delta R.T. 0.147 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:139 Resp: 551
Ion Ratio Lower Upper
139 100
109 0.0 47.4 87.4#
65 0.0 73.8 113.8#





#57

2,4-Dinitrotoluene

Concen: 0.005 ng

RT: 14.862 min Scan# 2006

Delta R.T. 0.023 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

Tgt Ion:165 Resp: 58

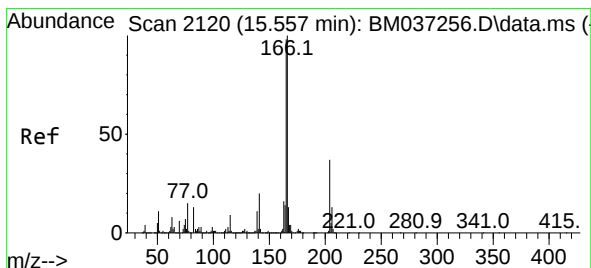
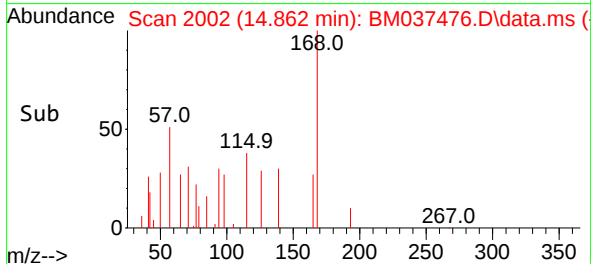
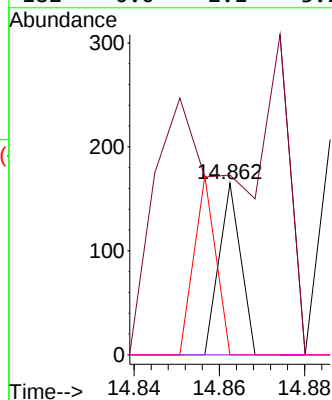
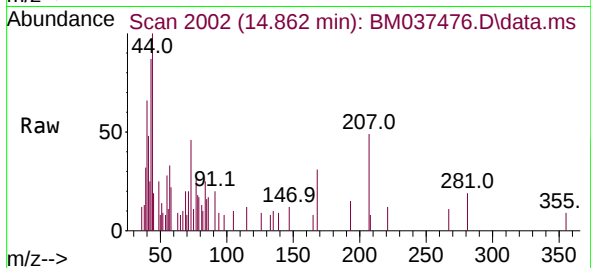
Ion Ratio Lower Upper

165 100

63 104.8 36.3 54.5#

89 0.0 56.3 84.5#

182 0.0 2.1 3.1#



#58

Fluorene

Concen: 0.026 ng

RT: 15.504 min Scan# 2111

Delta R.T. -0.000 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

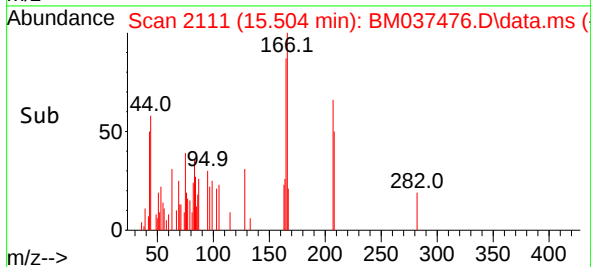
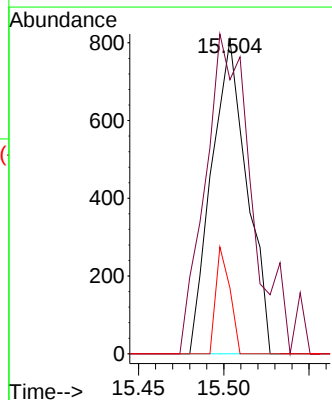
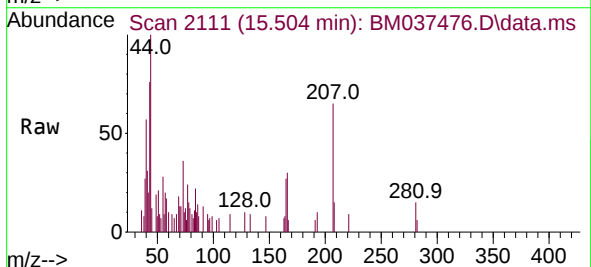
Tgt Ion:166 Resp: 1168

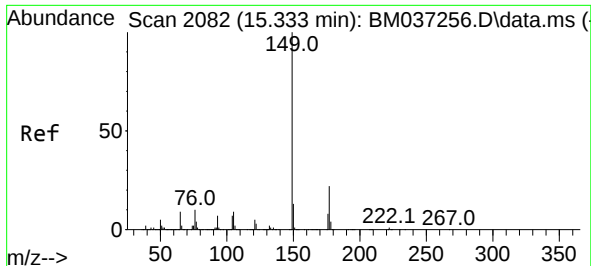
Ion Ratio Lower Upper

166 100

165 87.3 78.2 117.4

167 20.9 10.6 15.8#

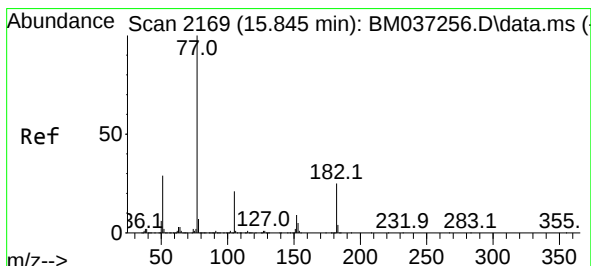
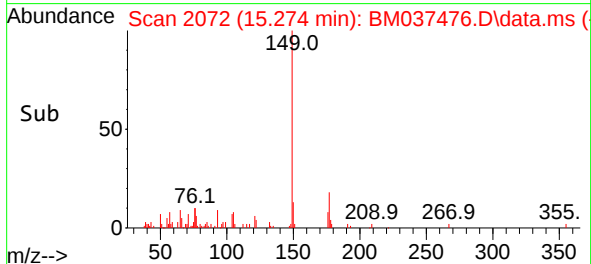
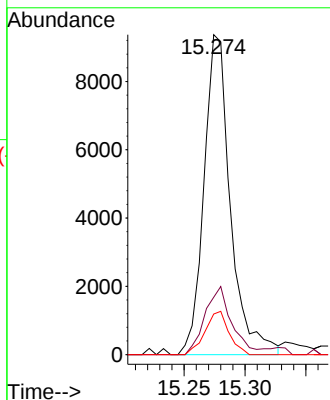
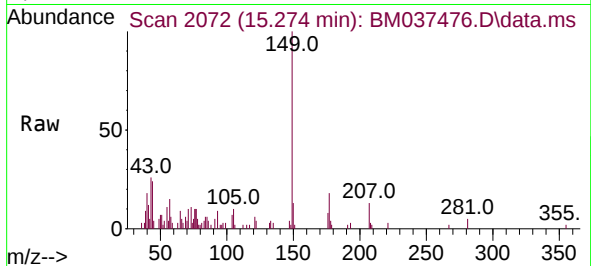




#60
Diethylphthalate
Concen: 0.335 ng
RT: 15.274 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

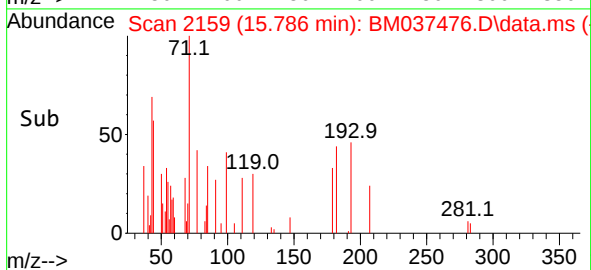
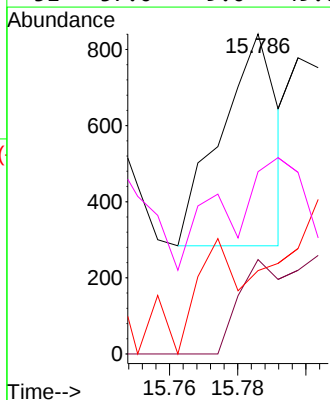
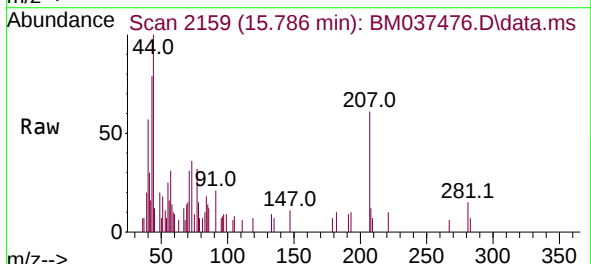
Instrument :
BNA_M
ClientSampleId :
SB-33

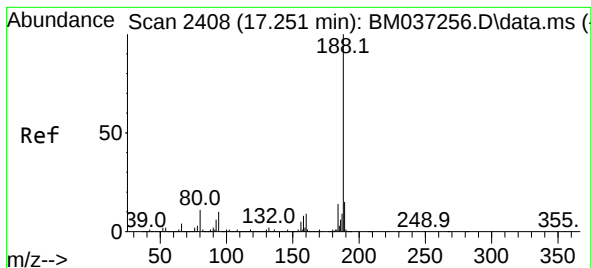
Tgt Ion:149 Resp: 14179
Ion Ratio Lower Upper
149 100
177 17.9 17.4 26.0
150 12.7 10.0 15.0



#63
Azobenzene
Concen: 0.015 ng
RT: 15.786 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 77 Resp: 640
Ion Ratio Lower Upper
77 100
182 29.5 5.1 45.1
105 26.0 0.5 40.5
51 57.0 9.0 49.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

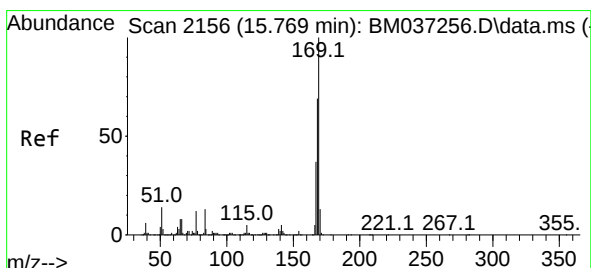
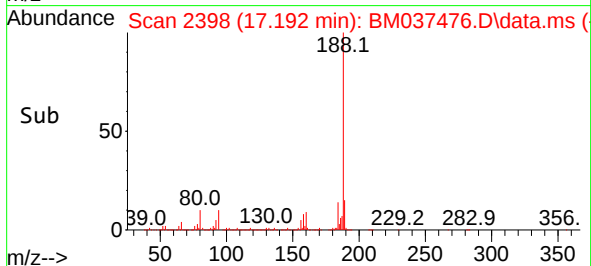
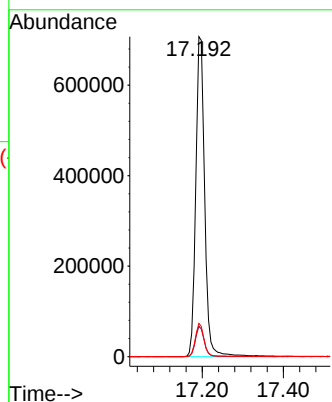
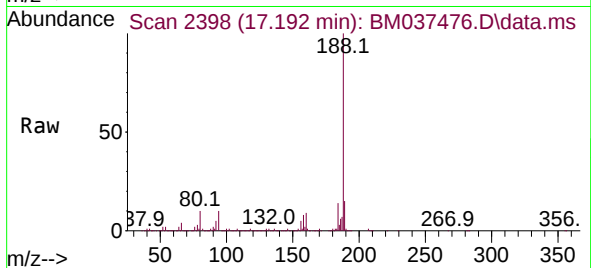
Tgt Ion:188 Resp: 1071357

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.4 8.5 12.7



#66

n-Nitrosodiphenylamine

Concen: 0.928 ng

RT: 15.939 min Scan# 2185

Delta R.T. 0.223 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

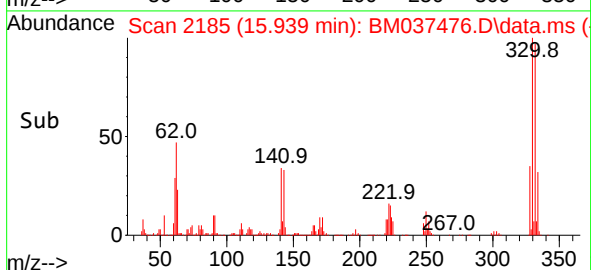
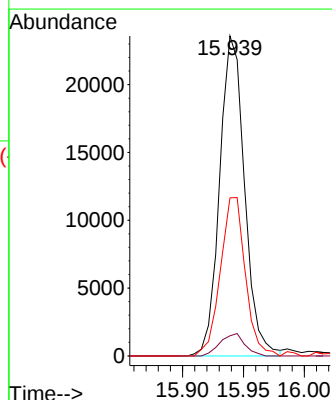
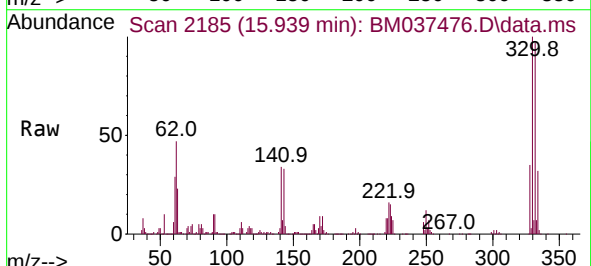
Tgt Ion:169 Resp: 33618

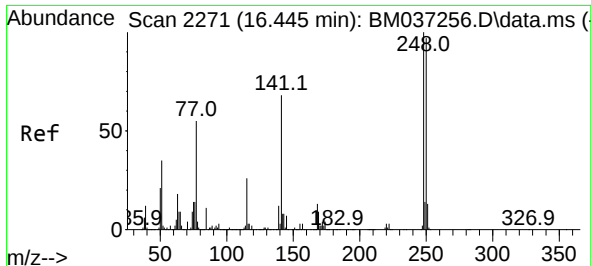
Ion Ratio Lower Upper

169 100

168 6.3 54.8 82.2#

167 49.4 29.5 44.3#

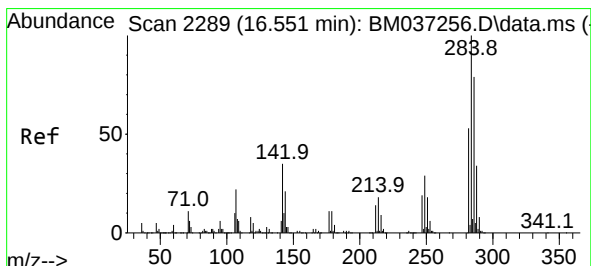
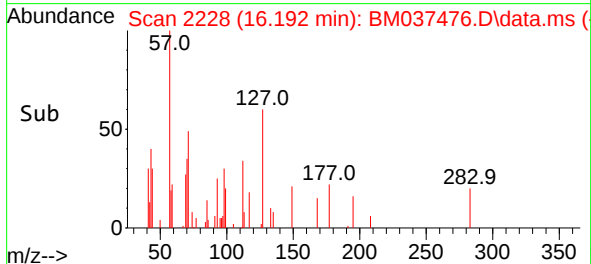
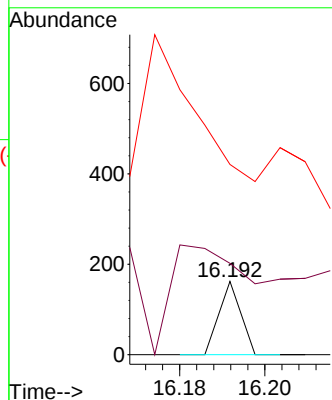
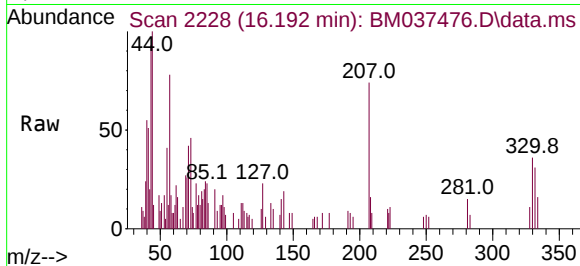




#67
4-Bromophenyl-phenylether
Concen: 0.005 ng
RT: 16.192 min Scan# 21
Delta R.T. -0.200 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

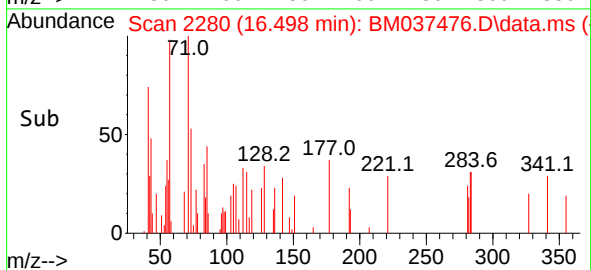
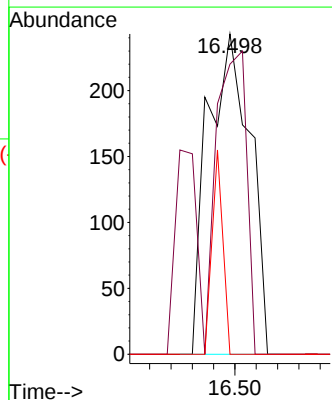
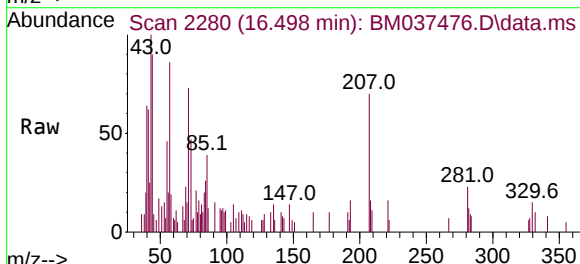
Instrument :
BNA_M
ClientSampleId :
SB-33

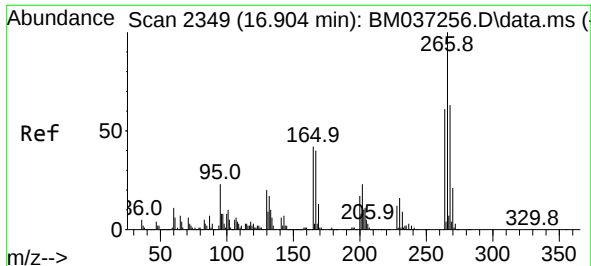
Tgt Ion:248 Resp: 57
Ion Ratio Lower Upper
248 100
250 124.7 77.8 116.6#
141 259.9 54.2 81.2#



#68
Hexachlorobenzene
Concen: 0.023 ng
RT: 16.498 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:284 Resp: 335
Ion Ratio Lower Upper
284 100
142 90.5 28.2 42.4#
249 0.0 23.1 34.7#

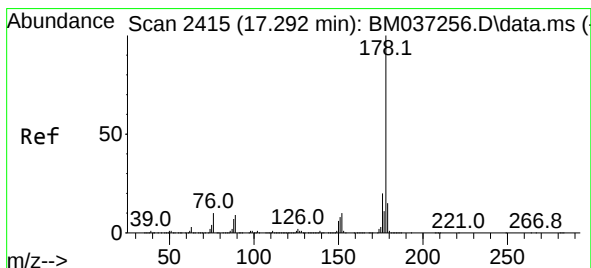
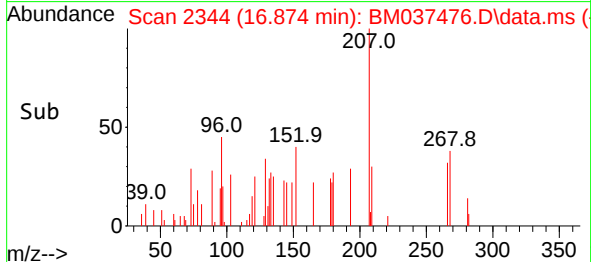
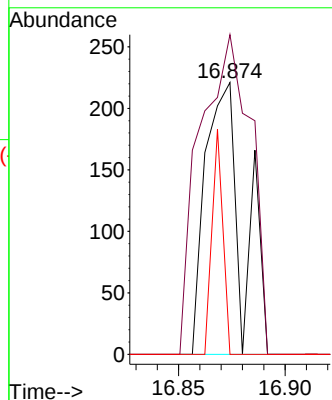
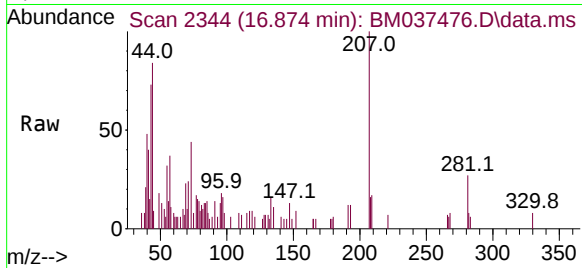




#70
 Pentachlorophenol
 Concen: 0.031 ng
 RT: 16.874 min Scan# 2405
 Delta R.T. 0.023 min
 Lab File: BM037476.D
 Acq: 11 Nov 2022 20:41

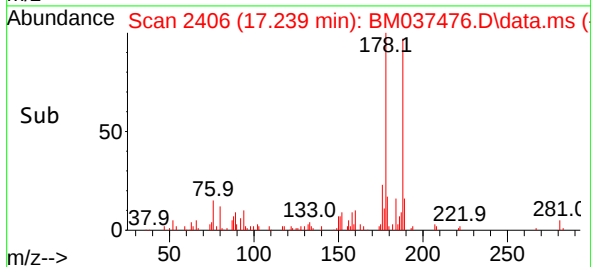
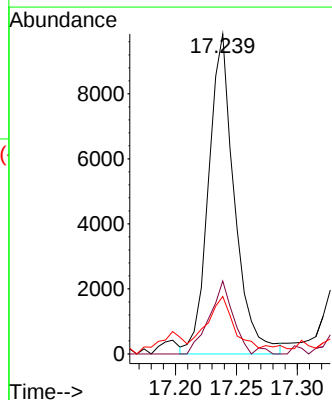
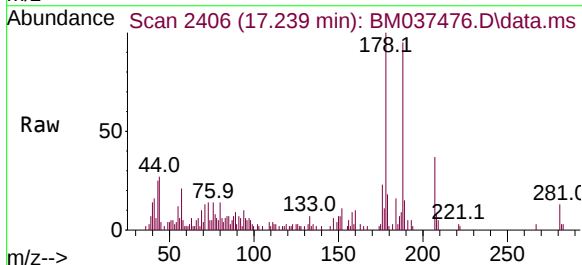
Instrument :
 BNA_M
 ClientSampleId :
 SB-33

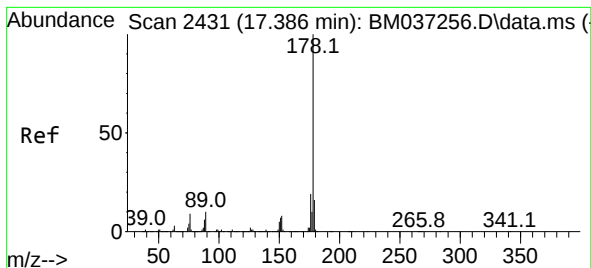
Tgt Ion	Ratio	Lower	Upper
266	100		
268	117.6	50.7	76.1#
264	0.0	49.1	73.7#



#71
 Phenanthrene
 Concen: 0.219 ng
 RT: 17.239 min Scan# 2406
 Delta R.T. -0.006 min
 Lab File: BM037476.D
 Acq: 11 Nov 2022 20:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	15.6	23.4
179	17.9	12.4	18.6





#72

Anthracene

Concen: 0.076 ng

RT: 17.333 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

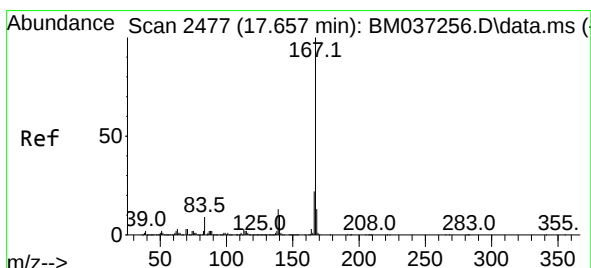
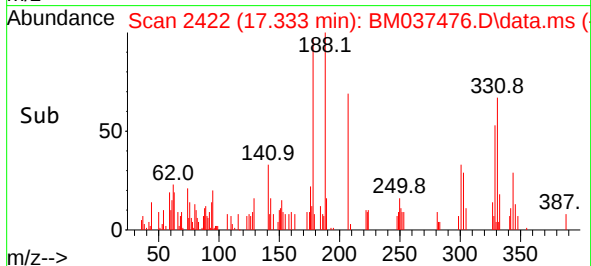
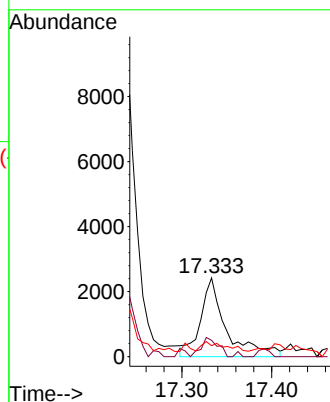
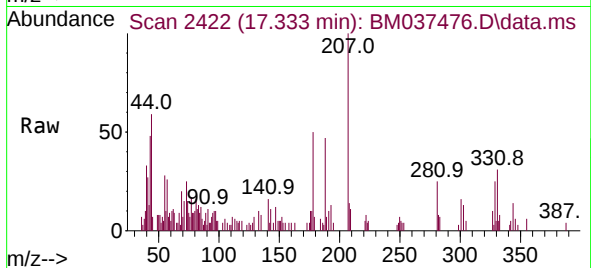
Tgt Ion:178 Resp: 4794

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.0

179 13.9 12.6 19.0



#73

Carbazole

Concen: 0.001 ng

RT: 17.586 min Scan# 2465

Delta R.T. -0.024 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

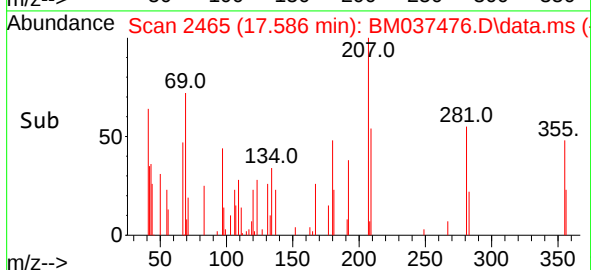
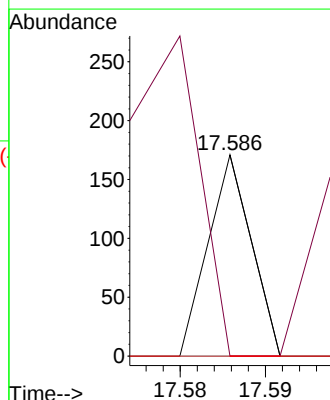
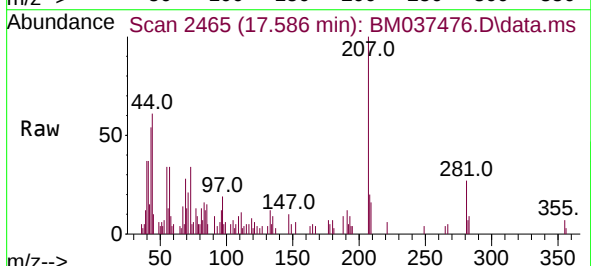
Tgt Ion:167 Resp: 60

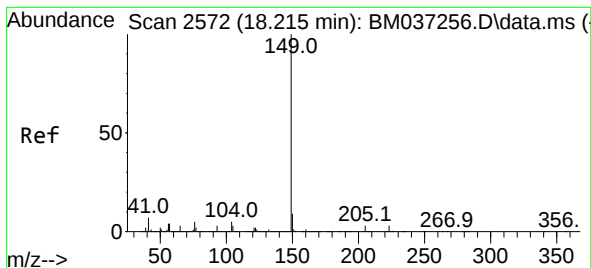
Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

139 0.0 10.4 15.6#





#74

Di-n-butylphthalate

Concen: 0.259 ng

RT: 18.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

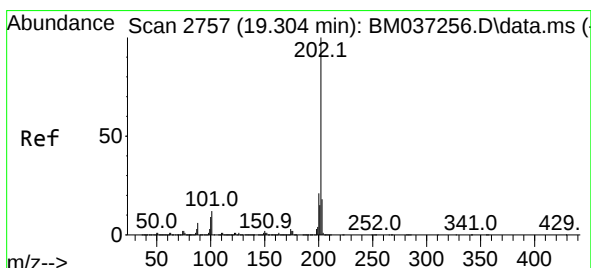
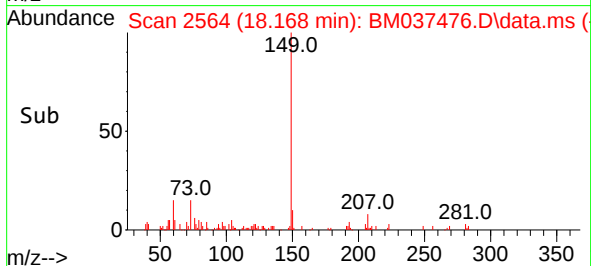
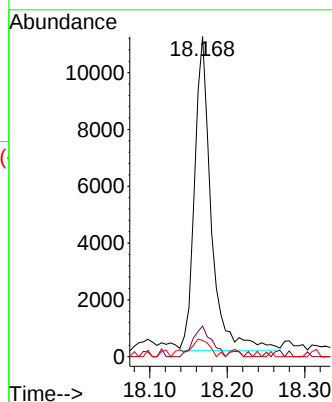
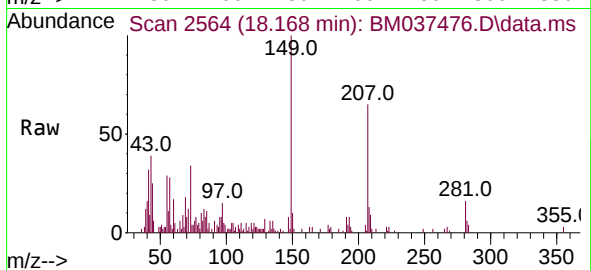
Tgt Ion:149 Resp: 16489

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.1 4.0 6.0



#75

Fluoranthene

Concen: 0.390 ng

RT: 19.256 min Scan# 2749

Delta R.T. -0.000 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

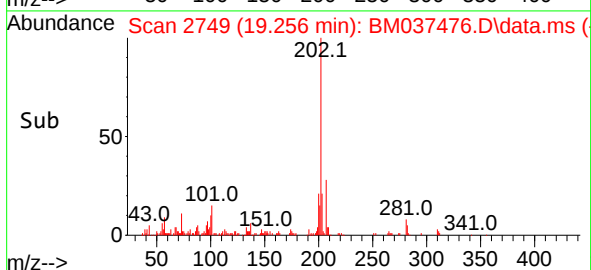
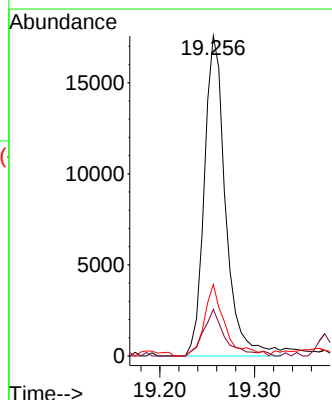
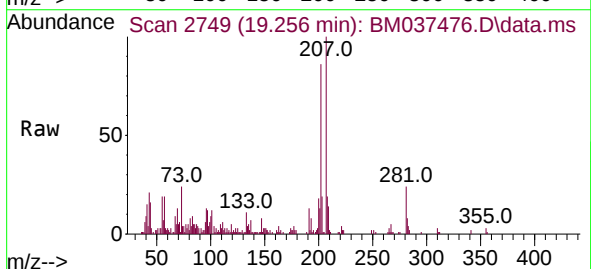
Tgt Ion:202 Resp: 27417

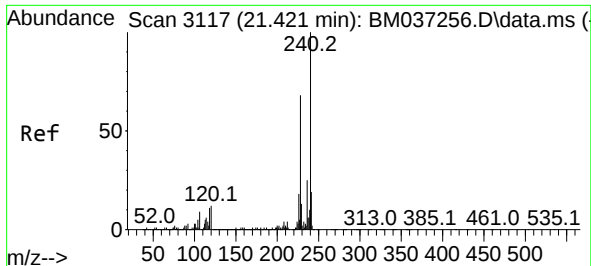
Ion Ratio Lower Upper

202 100

101 14.5 0.0 32.4

203 22.3 0.0 37.8

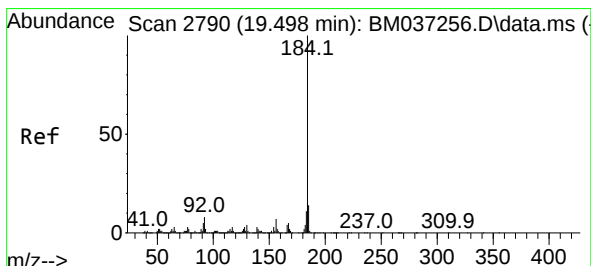
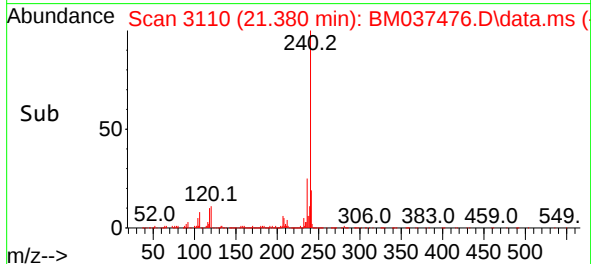
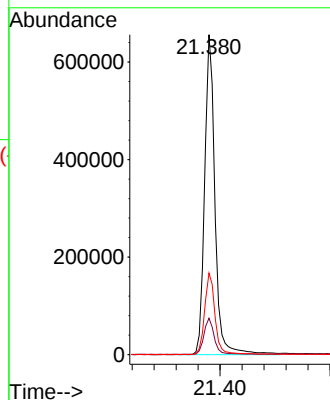
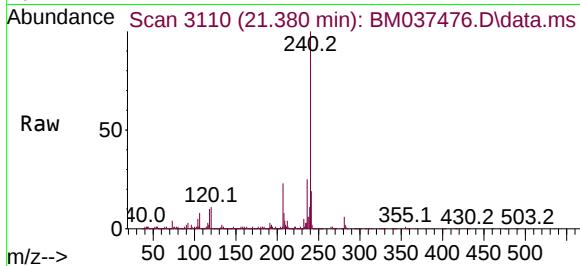




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

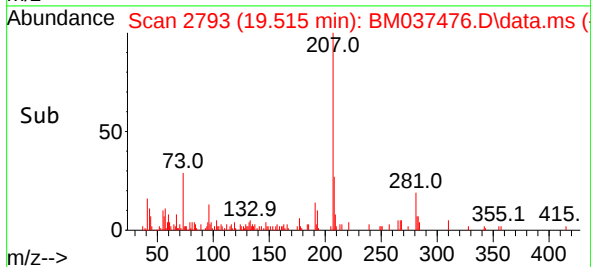
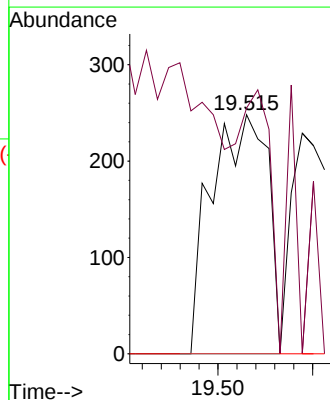
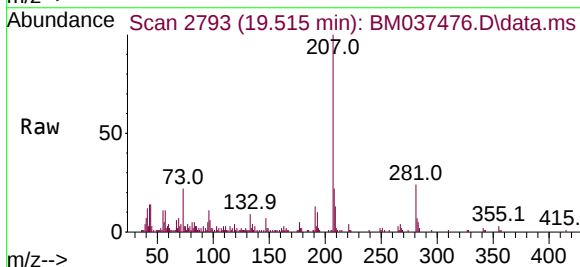
Instrument :
BNA_M
ClientSampleId :
SB-33

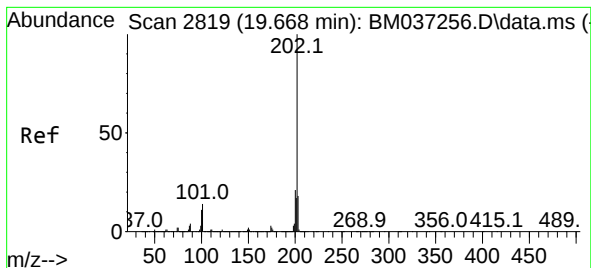
Tgt Ion:240 Resp: 853776
Ion Ratio Lower Upper
240 100
120 11.4 9.9 14.9
236 25.5 20.3 30.5



#77
Benzydine
Concen: 0.040 ng
RT: 19.515 min Scan# 2793
Delta R.T. 0.059 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:184 Resp: 512
Ion Ratio Lower Upper
184 100
185 102.8 11.3 16.9#
183 0.0 9.0 13.4#





#78

Pyrene

Concen: 0.374 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.000 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

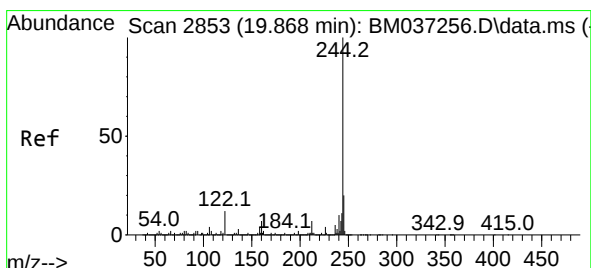
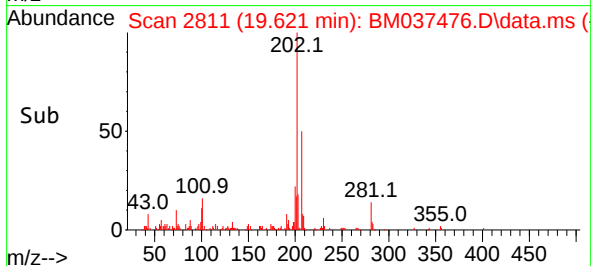
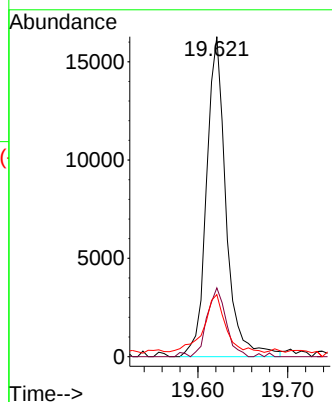
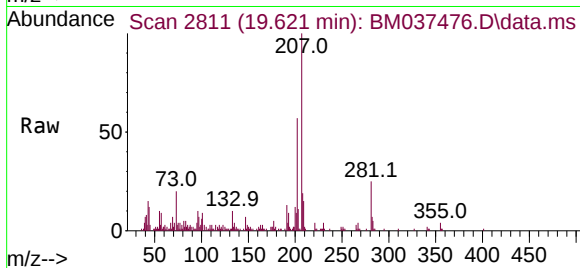
Tgt Ion:202 Resp: 24584

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 19.4 14.1 21.1



#79

Terphenyl-d14

Concen: 114.326 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

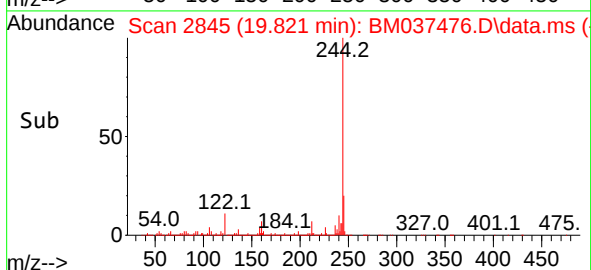
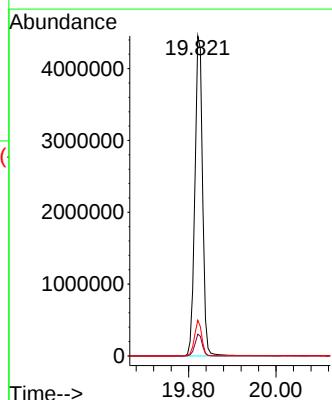
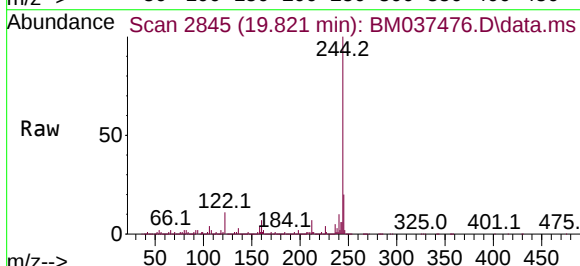
Tgt Ion:244 Resp: 5443072

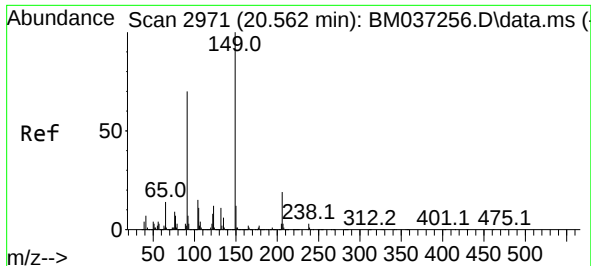
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 9.4 14.2

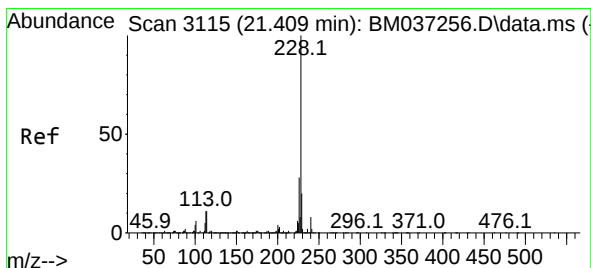
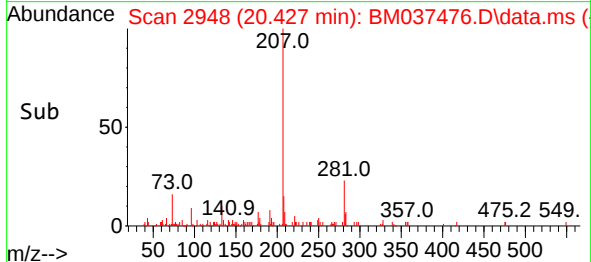
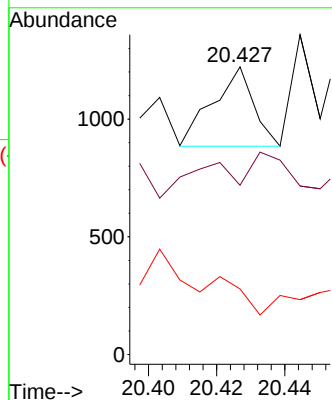
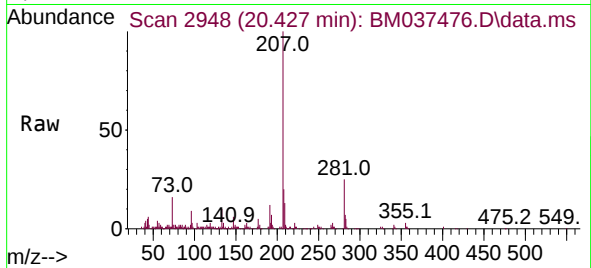




#80
Butylbenzylphthalate
Concen: 0.012 ng
RT: 20.427 min Scan# 2971
Delta R.T. -0.094 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

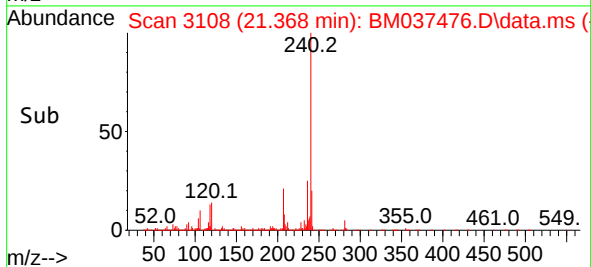
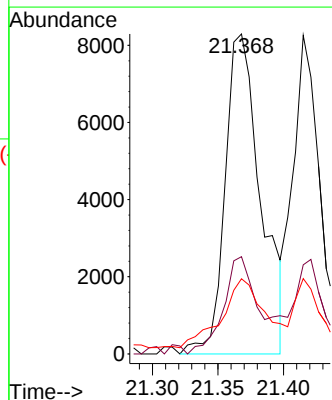
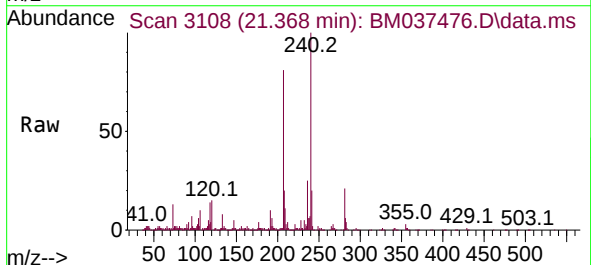
Instrument :
BNA_M
ClientSampleId :
SB-33

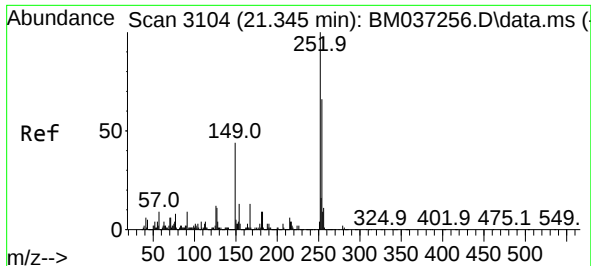
Tgt Ion:	149	Resp:	280
Ion Ratio	Lower	Upper	
149	100		
91	58.8	56.2	84.4
206	22.8	15.4	23.0



#81
Benzo(a)anthracene
Concen: 0.259 ng
RT: 21.368 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:	228	Resp:	15718
Ion Ratio	Lower	Upper	
228	100		
226	30.4	22.3	33.5
229	23.5	16.2	24.2

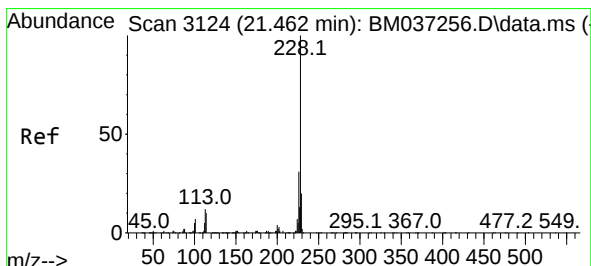
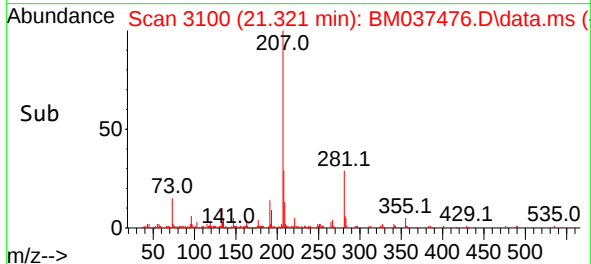
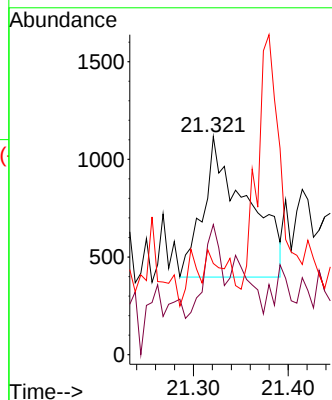
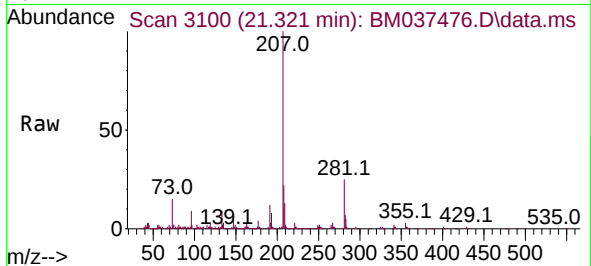




#82
 3,3'-Dichlorobenzidine
 Concen: 0.129 ng
 RT: 21.321 min Scan# 3110
 Delta R.T. 0.012 min
 Lab File: BM037476.D
 Acq: 11 Nov 2022 20:41

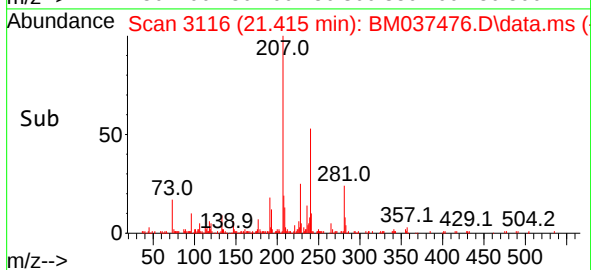
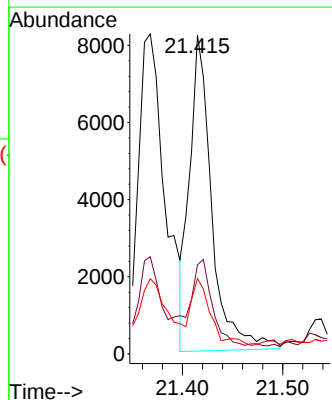
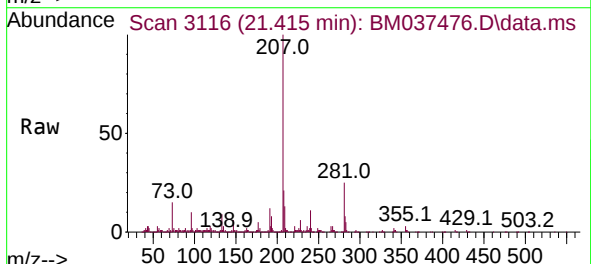
Instrument :
 BNA_M
 ClientSampleId :
 SB-33

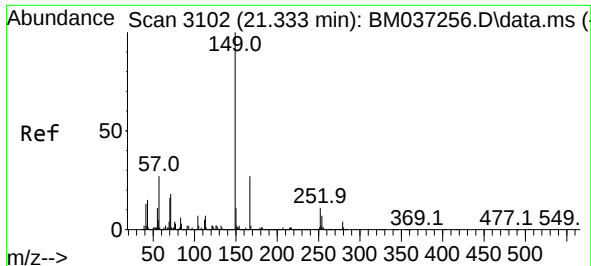
Tgt Ion:252 Resp: 2311
 Ion Ratio Lower Upper
 252 100
 254 59.6 52.7 79.1
 126 41.8 9.8 14.6#



#83
 Chrysene
 Concen: 0.215 ng
 RT: 21.415 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM037476.D
 Acq: 11 Nov 2022 20:41

Tgt Ion:228 Resp: 12619
 Ion Ratio Lower Upper
 228 100
 226 27.9 24.4 36.6
 229 23.6 16.0 24.0

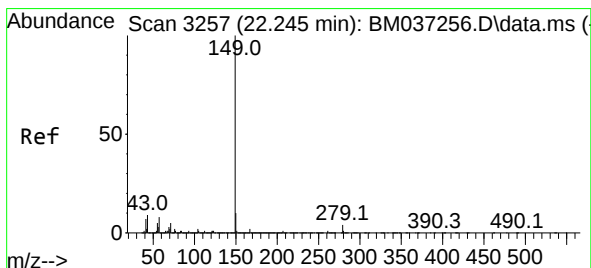
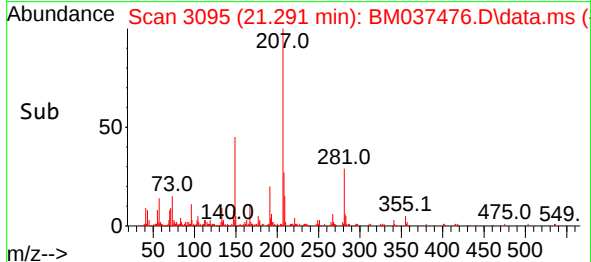
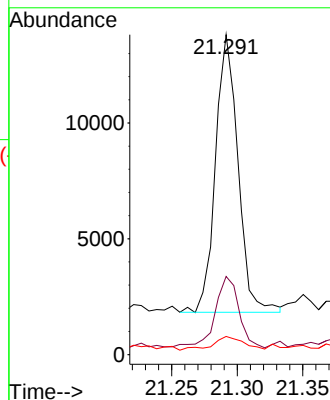
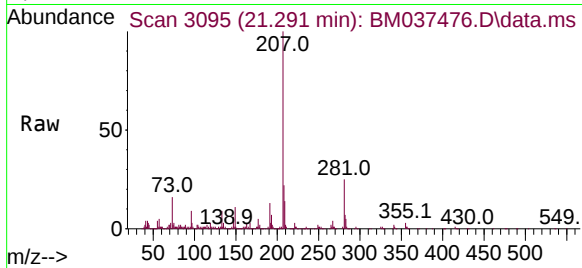




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.456 ng
RT: 21.291 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

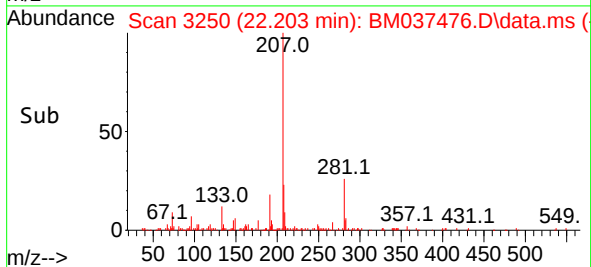
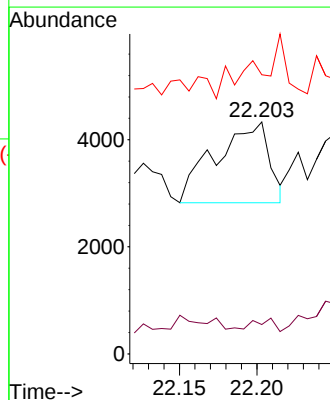
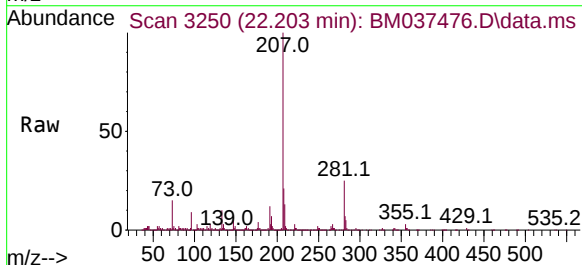
Instrument :
BNA_M
ClientSampleId :
SB-33

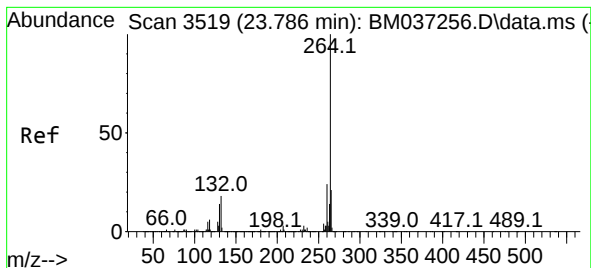
Tgt Ion:149 Resp: 14341
Ion Ratio Lower Upper
149 100
167 24.4 21.2 31.8
279 5.7 3.1 4.7#



#85
Di-n-octyl phthalate
Concen: 0.073 ng
RT: 22.203 min Scan# 3250
Delta R.T. 0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:149 Resp: 3607
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 29.2 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: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

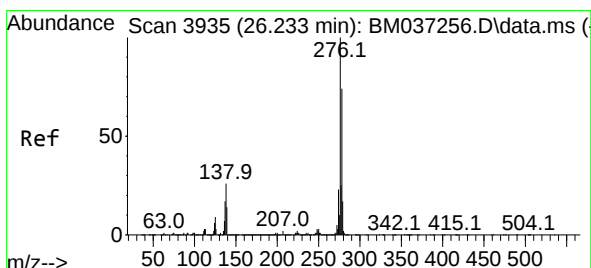
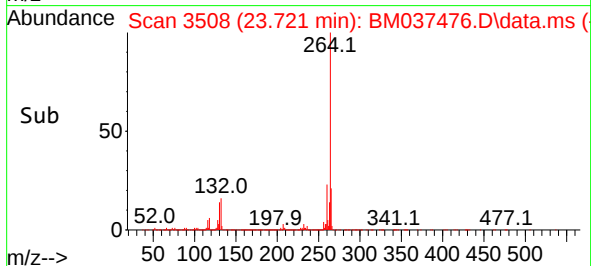
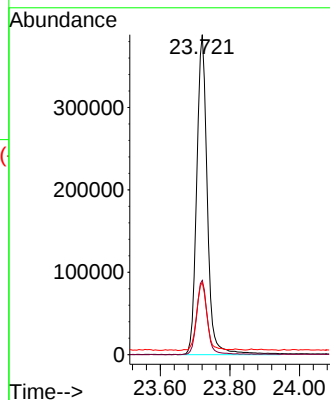
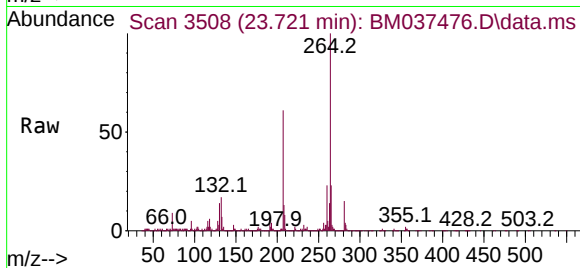
Tgt Ion:264 Resp: 821625

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.6 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.221 ng

RT: 26.138 min Scan# 3919

Delta R.T. -0.006 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

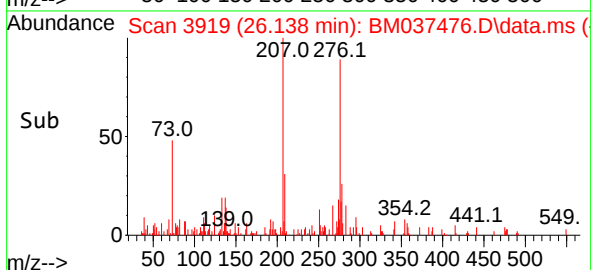
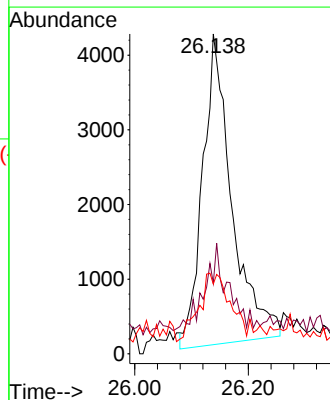
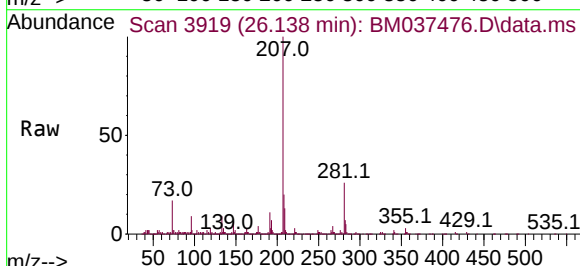
Tgt Ion:276 Resp: 14861

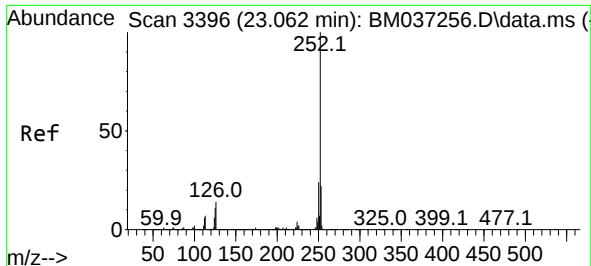
Ion Ratio Lower Upper

276 100

138 27.0 21.5 32.3

277 11.6 20.1 30.1#

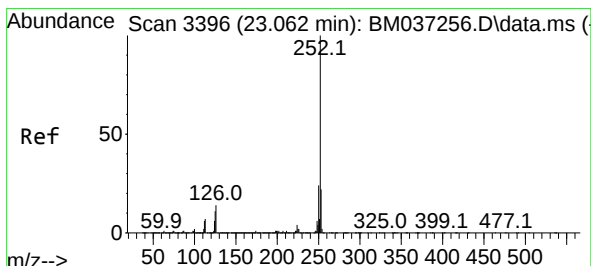
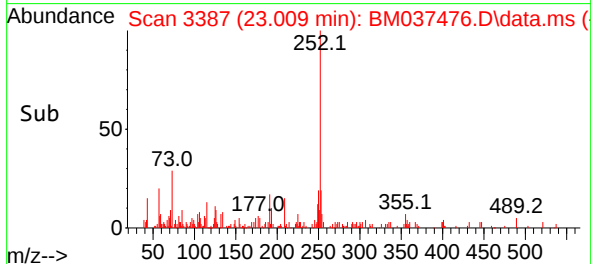
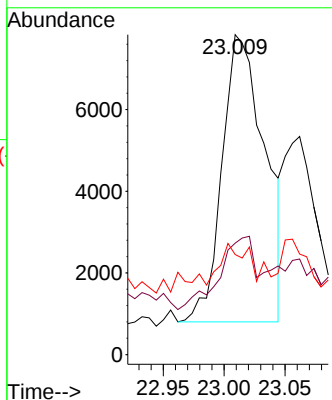
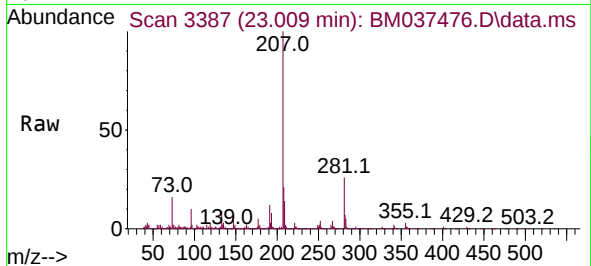




#88
Benzo(b)fluoranthene
Concen: 0.301 ng
RT: 23.009 min Scan# 3396
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Instrument :
BNA_M
ClientSampleId :
SB-33

Tgt Ion:252 Resp: 17162
Ion Ratio Lower Upper
252 100
253 34.8 17.8 26.6#
125 31.3 9.1 13.7#



#89
Benzo(k)fluoranthene
Concen: 0.295 ng
RT: 23.009 min Scan# 3387
Delta R.T. -0.053 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:252 Resp: 17162
Ion Ratio Lower Upper
252 100
253 34.8 17.8 26.6#
125 31.3 9.1 13.7#

