

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037462.D
 Acq On : 11 Nov 2022 11:50
 Operator : CG/JU
 Sample : N5502-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2182

Quant Time: Nov 11 22:55:03 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	234520	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	901783	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	523122	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	985133	20.000	ng	0.00
76) Chrysene-d12	21.380	240	909753	20.000	ng	0.00
86) Perylene-d12	23.721	264	1020726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1915815	141.133	ng	0.00
7) Phenol-d6	6.993	99	2220274	120.512	ng	0.00
23) Nitrobenzene-d5	8.981	82	1667375	93.286	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1155543	187.441	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3883886	98.648	ng	0.00
79) Terphenyl-d14	19.827	244	5442462	107.280	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	225	0.040	ng	# 19
3) Pyridine	3.699	79	584	0.035	ng	# 1
4) n-Nitrosodimethylamine	3.558	42	1915	0.265	ng	# 1
6) Aniline	7.104	93	142	0.006	ng	# 1
8) 2-Chlorophenol	7.387	128	613	0.037	ng	# 35
9) Benzaldehyde	6.993	77	3906	0.419	ng	# 10
10) Phenol	7.016	94	2228	0.108	ng	# 1
11) bis(2-Chloroethyl)ether	7.269	93	205	0.012	ng	# 48
15) Benzyl Alcohol	8.104	79	519	0.039	ng	# 26
16) 2,2'-oxybis(1-Chloropr...	8.316	45	588	0.025	ng	# 88
17) 2-Methylphenol	8.251	107	580	0.043	ng	# 1
18) Hexachloroethane	8.875	117	149	0.023	ng	# 44
19) n-Nitroso-di-n-propyla...	8.675	70	58	0.078	ng	# 1
20) 3+4-Methylphenols	8.604	107	120	0.006	ng	# 1
22) Acetophenone	8.645	105	1169	0.050	ng	# 17
24) Nitrobenzene	8.981	77	6026	0.333	ng	# 41
25) Isophorone	9.516	82	670	0.022	ng	# 20
27) 2,4-Dimethylphenol	9.787	122	294	0.024	ng	# 4
28) bis(2-Chloroethoxy)met...	10.034	93	350	0.019	ng	# 1
30) 1,2,4-Trichlorobenzene	10.651	180	64	0.004	ng	# 12
31) Naphthalene	10.657	128	5343	0.105	ng	# 81
33) 4-Chloroaniline	10.757	127	120	0.006	ng	# 1
35) Caprolactam	11.616	113	241	0.057	ng	# 1
36) 4-Chloro-3-methylphenol	11.910	107	215	0.015	ng	# 17
37) 2-Methylnaphthalene	12.269	142	498	0.014	ng	# 39
38) 1-Methylnaphthalene	12.486	142	169	0.005	ng	# 92
46) 1,1'-Biphenyl	13.286	154	1278	0.030	ng	# 59
48) 2-Nitroaniline	13.563	65	218	0.022	ng	# 19
49) Acenaphthylene	14.169	152	746	0.014	ng	# 60
50) Dimethylphthalate	13.916	163	6946	0.174	ng	# 70
51) 2,6-Dinitrotoluene	13.869	165	270	0.032	ng	# 91
52) Acenaphthene	14.516	154	1434	0.044	ng	# 86
53) 3-Nitroaniline	14.398	138	328	0.035	ng	# 63
55) Dibenzofuran	14.845	168	1541	0.031	ng	# 71
56) 4-Nitrophenol	14.698	139	399	0.053	ng	# 29
57) 2,4-Dinitrotoluene	14.869	165	214	0.019	ng	# 76

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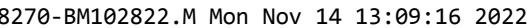
Instrument :
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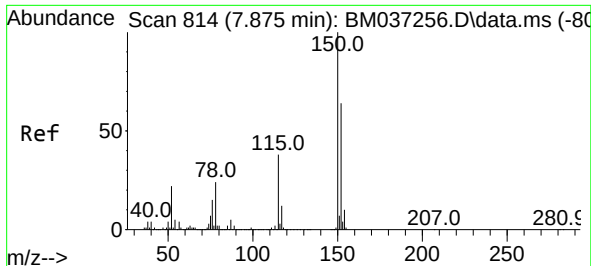
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.492	166	1373	0.033	ng	# 73
59) 2,3,4,6-Tetrachlorophenol	15.080	232	119	0.012	ng	# 33
60) Diethylphthalate	15.274	149	5852	0.151	ng	# 90
62) 4-Nitroaniline	15.551	138	323	0.034	ng	77
63) Azobenzene	15.792	77	437	0.011	ng	74
66) n-Nitrosodiphenylamine	15.945	169	34034	1.022	ng	# 44
68) Hexachlorobenzene	16.492	284	121	0.009	ng	# 24
69) Atrazine	16.657	200	74	0.009	ng	# 32
70) Pentachlorophenol	16.857	266	740	0.095	ng	# 35
71) Phenanthrene	17.239	178	3752	0.061	ng	# 81
72) Anthracene	17.327	178	1560	0.027	ng	# 51
73) Carbazole	17.610	167	2104	0.040	ng	# 79
74) Di-n-butylphthalate	18.162	149	12315	0.210	ng	# 90
75) Fluoranthene	19.257	202	5363	0.083	ng	# 63
77) Benzidine	19.456	184	756	0.056	ng	# 1
78) Pyrene	19.621	202	4992	0.071	ng	# 70
80) Butylbenzylphthalate	20.456	149	3706	0.148	ng	# 97
81) Benzo(a)anthracene	21.368	228	7006	0.108	ng	# 73
82) 3,3'-Dichlorobenzidine	21.315	252	2844	0.150	ng	# 1
83) Chrysene	21.415	228	3321	0.053	ng	# 73
84) Bis(2-ethylhexyl)phtha...	21.292	149	15720	0.469	ng	# 93
85) Di-n-octyl phthalate	22.192	149	3534	0.067	ng	# 73
87) Indeno(1,2,3-cd)pyrene	26.133	276	1958	0.023	ng	# 66
88) Benzo(b)fluoranthene	23.015	252	4443	0.063	ng	# 1
89) Benzo(k)fluoranthene	23.015	252	4443	0.061	ng	# 1
90) Benzo(a)pyrene	23.615	252	3076	0.053	ng	# 1
91) Dibenzo(a,h)anthracene	26.156	278	1171	0.017	ng	# 1
92) Benzo(g,h,i)perylene	26.880	276	1206	0.018	ng	# 23

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

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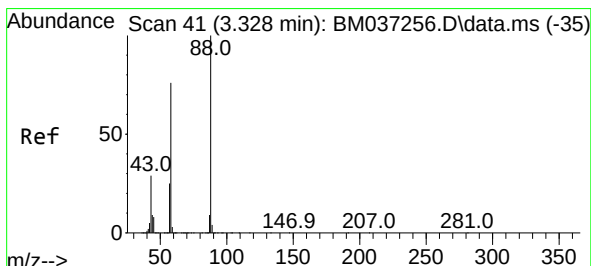
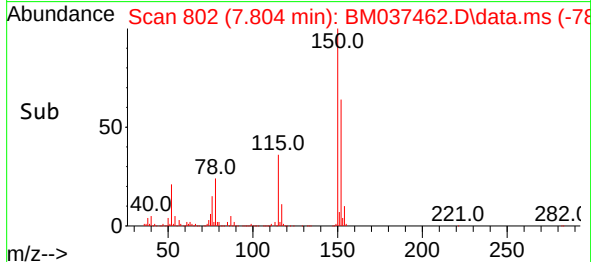
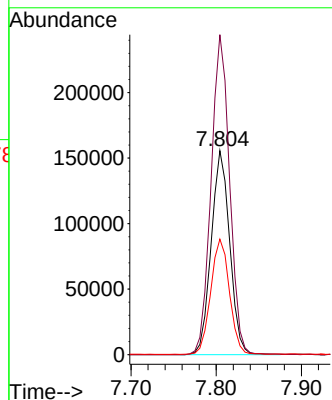
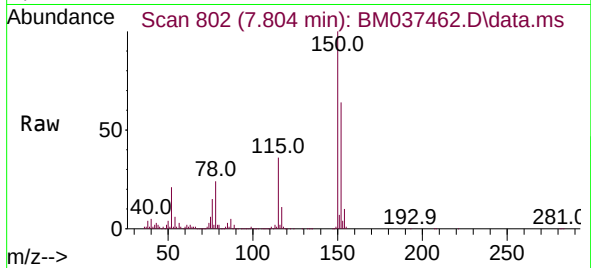




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

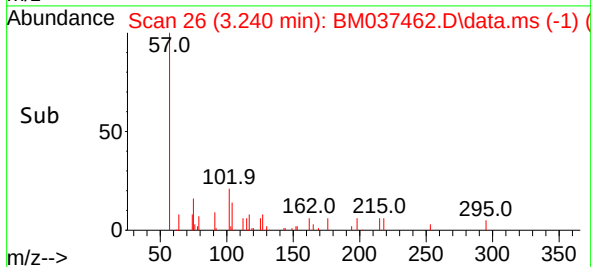
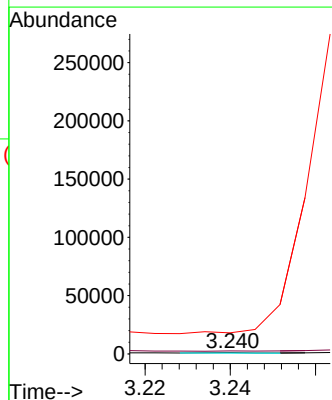
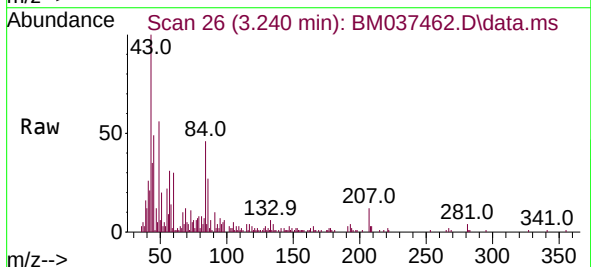
Instrument :
BNA_M
ClientSampleId :
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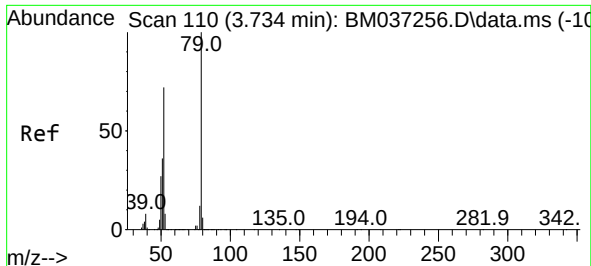
Tgt Ion:152 Resp: 234520
Ion Ratio Lower Upper
152 100
150 156.9 124.8 187.2
115 56.6 47.0 70.4



#2
1,4-Dioxane
Concen: 0.040 ng
RT: 3.240 min Scan# 26
Delta R.T. -0.012 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
58 0.0 63.5 95.3#
43 0.0 24.2 36.4#

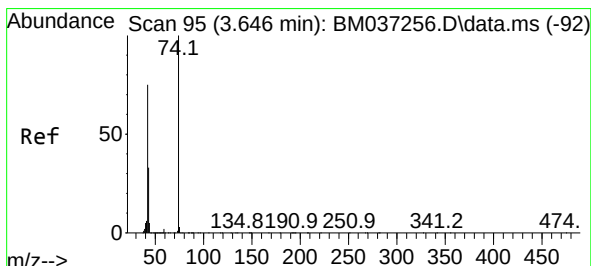
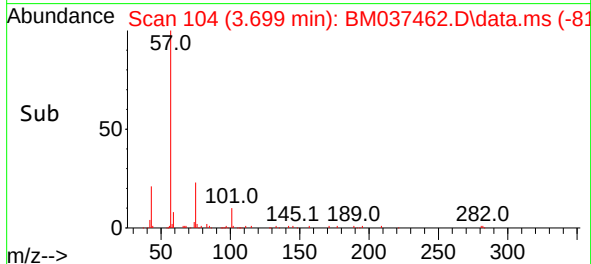
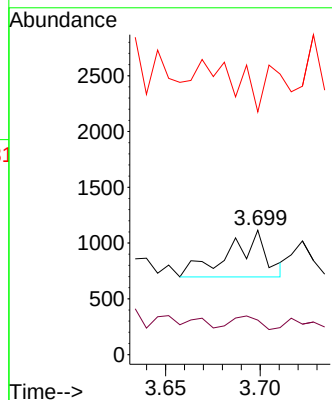
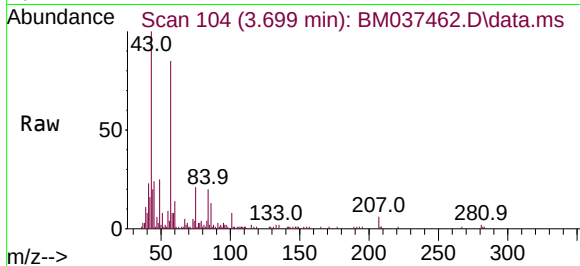




#3
Pyridine
Concen: 0.035 ng
RT: 3.699 min Scan# 10
Delta R.T. 0.035 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

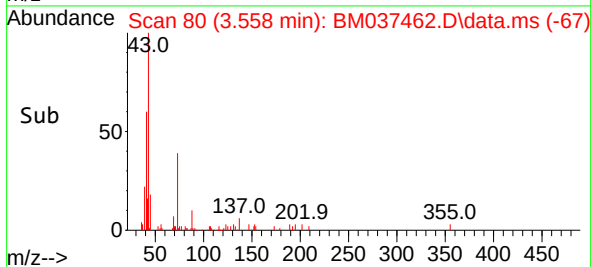
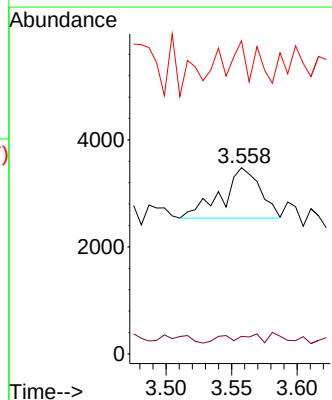
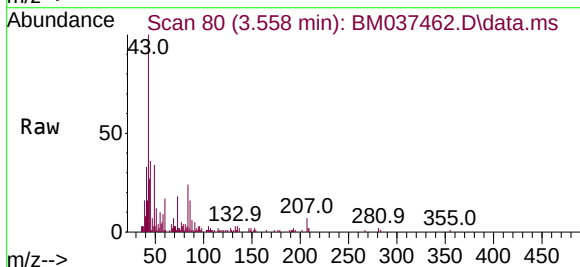
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ClientSampleId :
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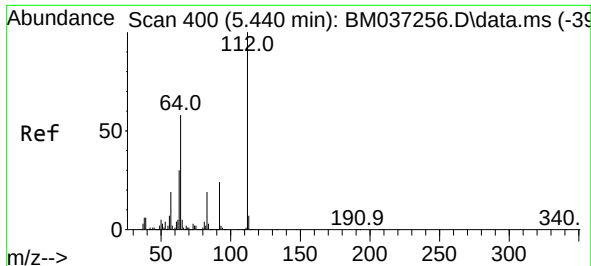
Tgt Ion: 79 Resp: 584
Ion Ratio Lower Upper
79 100
52 27.7 57.8 86.6#
51 195.0 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.265 ng
RT: 3.558 min Scan# 80
Delta R.T. -0.023 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 42 Resp: 1915
Ion Ratio Lower Upper
42 100
74 9.4 106.2 159.2#
44 168.2 5.4 8.0#

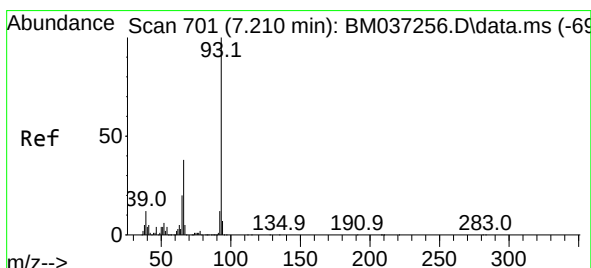
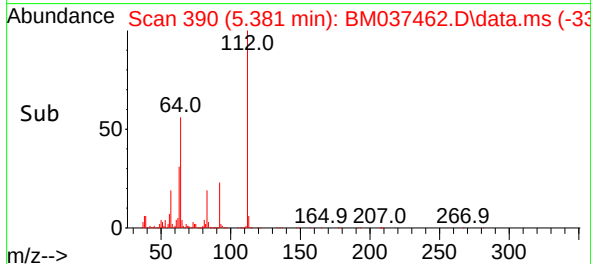
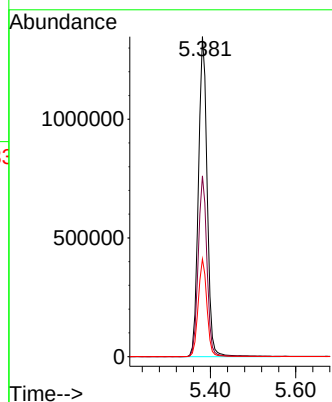
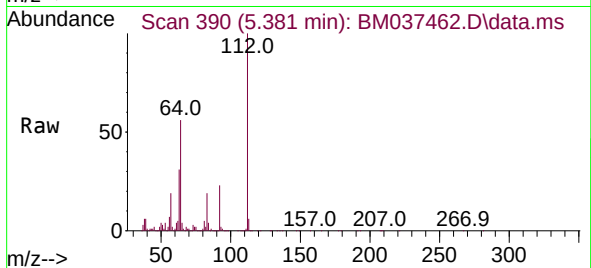




#5
2-Fluorophenol
Concen: 141.133 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

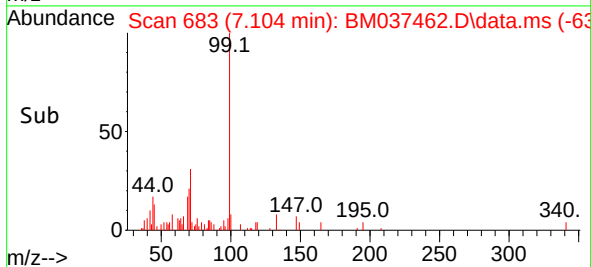
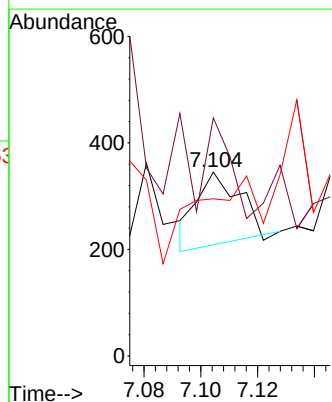
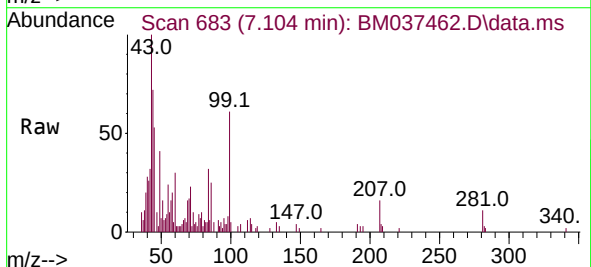
Instrument :
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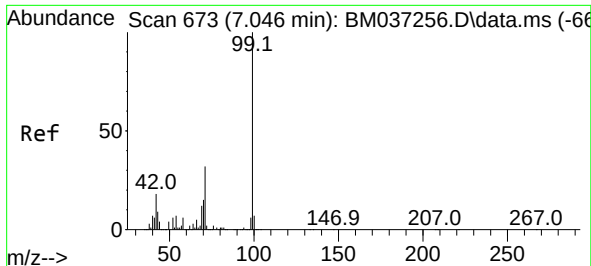
Tgt Ion:112 Resp: 1915815
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 30.5 24.4 36.6



#6
Aniline
Concen: 0.006 ng
RT: 7.104 min Scan# 683
Delta R.T. -0.041 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 93 Resp: 142
Ion Ratio Lower Upper
93 100
66 129.6 30.4 45.6#
65 85.5 16.2 24.2#

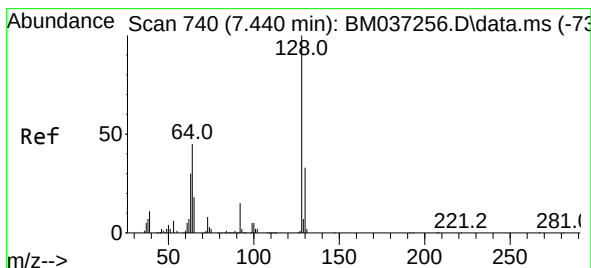
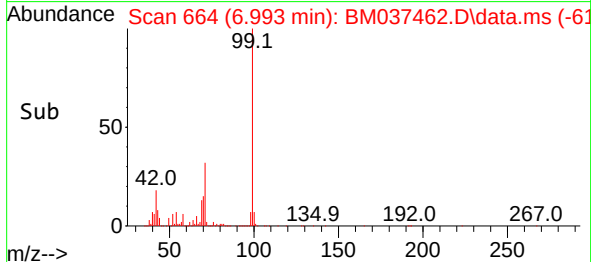
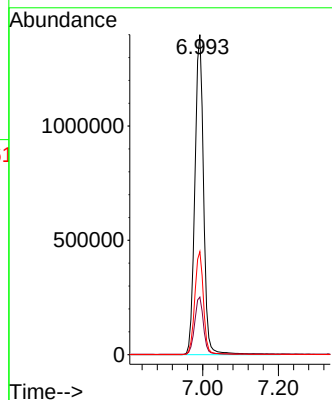
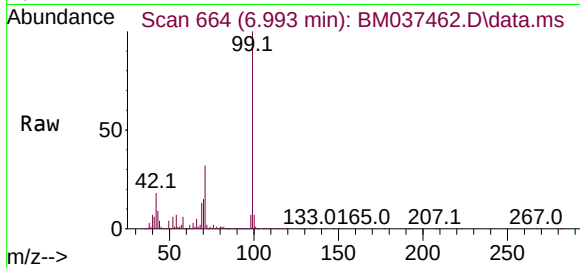




#7
Phenol-d6
Concen: 120.512 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

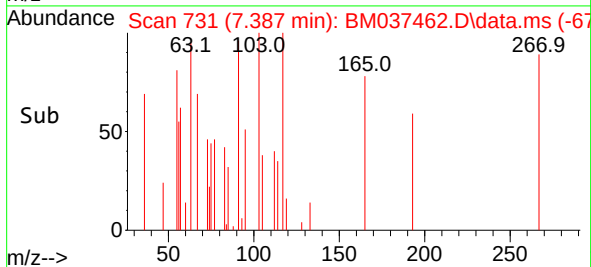
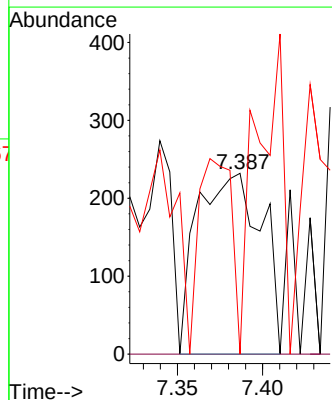
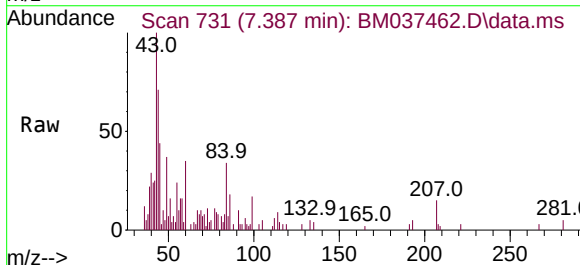
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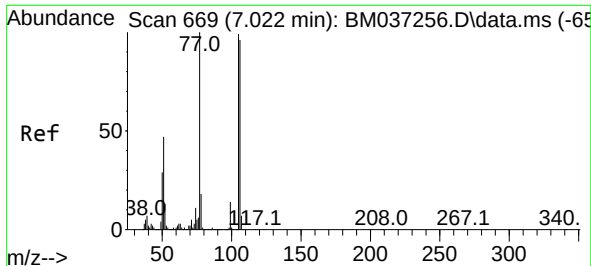
Tgt Ion: 99 Resp: 2220274
Ion Ratio Lower Upper
99 100
42 18.0 14.8 22.2
71 32.2 25.6 38.4



#8
2-Chlorophenol
Concen: 0.037 ng
RT: 7.387 min Scan# 731
Delta R.T. 0.012 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 128 Resp: 613
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 0.0 26.4 66.4#

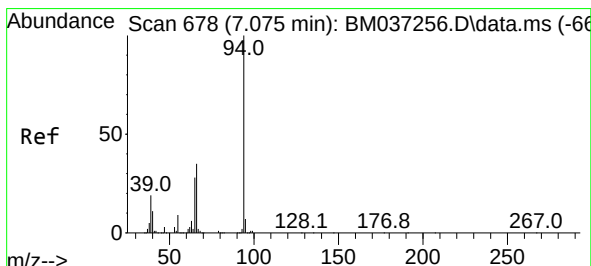
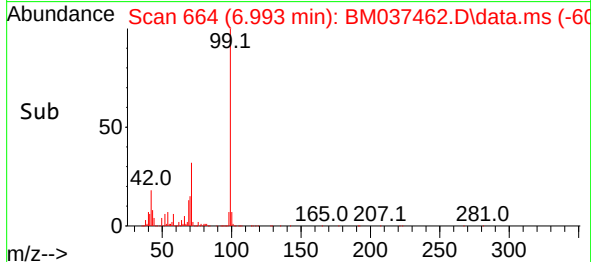
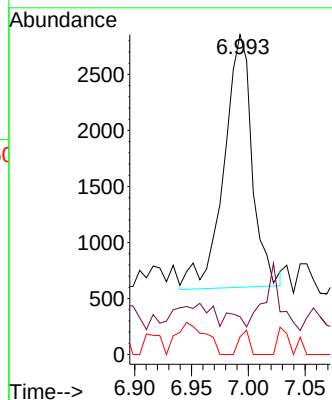
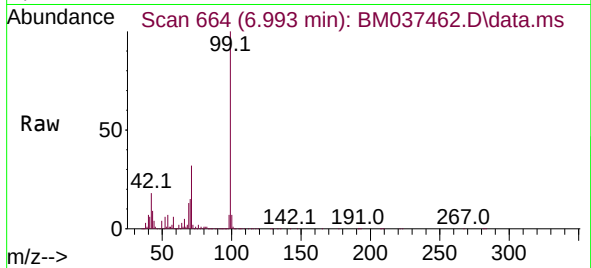




#9
Benzaldehyde
Concen: 0.419 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.035 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

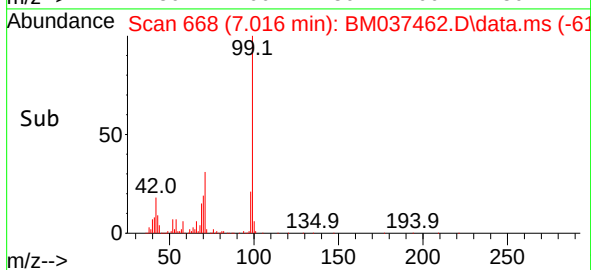
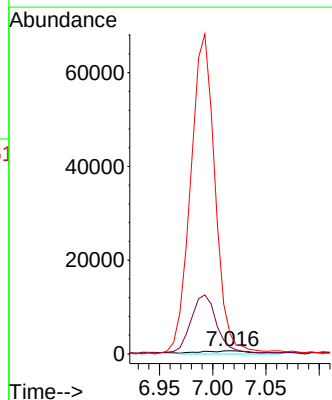
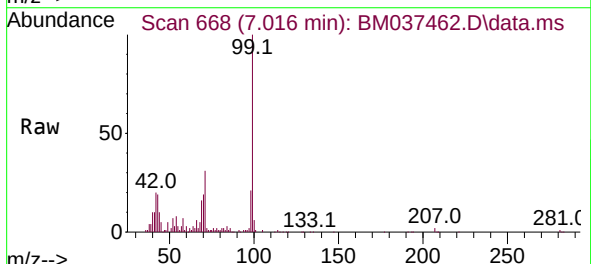
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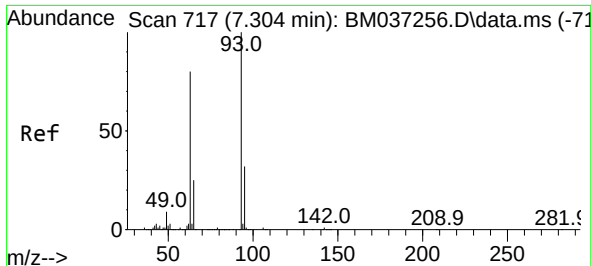
Tgt Ion: 77 Resp: 3906
Ion Ratio Lower Upper
77 100
105 11.9 78.6 118.6#
106 5.6 75.8 115.8#



#10
Phenol
Concen: 0.108 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 94 Resp: 2228
Ion Ratio Lower Upper
94 100
65 220.3 8.1 48.1#
66 652.3 15.5 55.5#

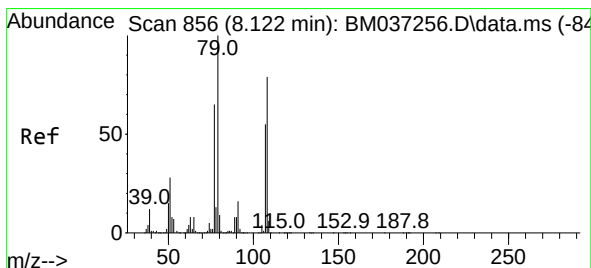
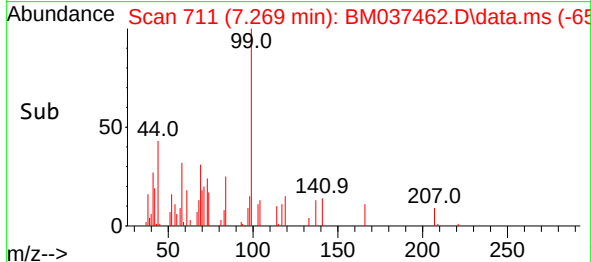
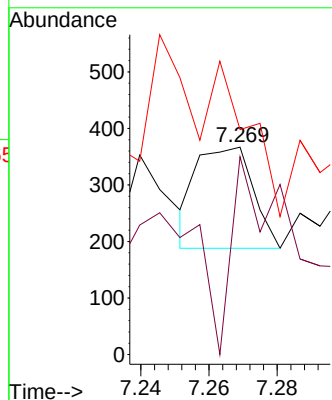
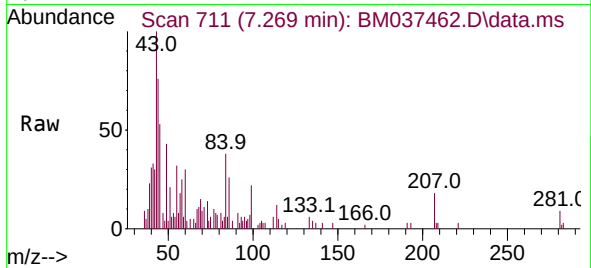




#11
bis(2-Chloroethyl)ether
Concen: 0.012 ng
RT: 7.269 min Scan# 71
Delta R.T. 0.030 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

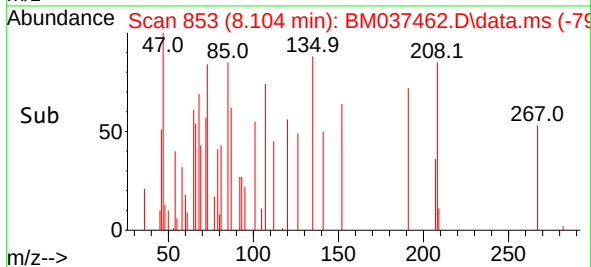
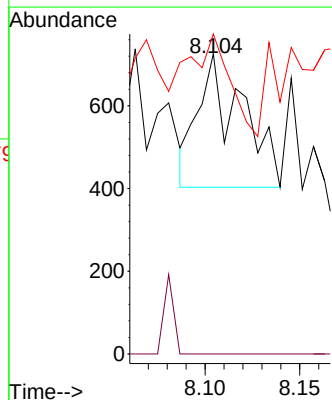
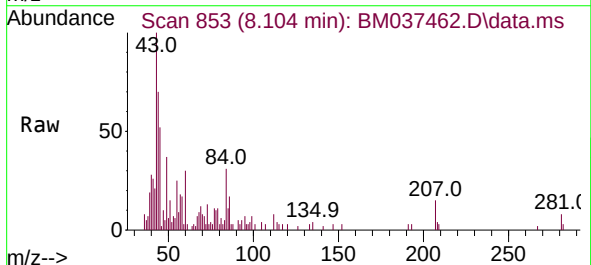
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BNA_M
ClientSampleId :
2182

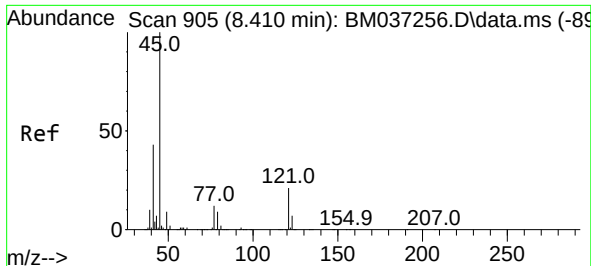
Tgt Ion: 93 Resp: 205
Ion Ratio Lower Upper
93 100
63 95.4 59.3 99.3
95 108.4 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.039 ng
RT: 8.104 min Scan# 853
Delta R.T. 0.041 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 79 Resp: 519
Ion Ratio Lower Upper
79 100
108 0.0 63.1 94.7#
77 106.6 51.7 77.5#

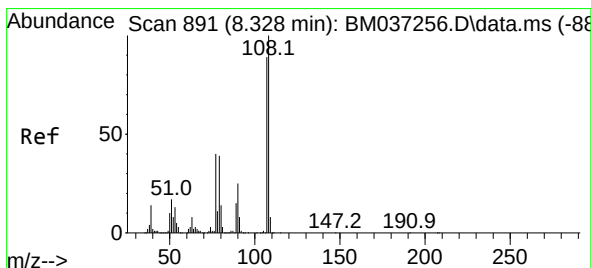
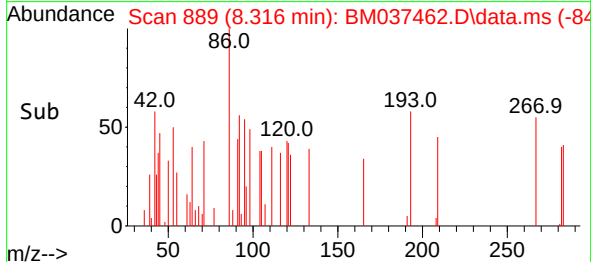
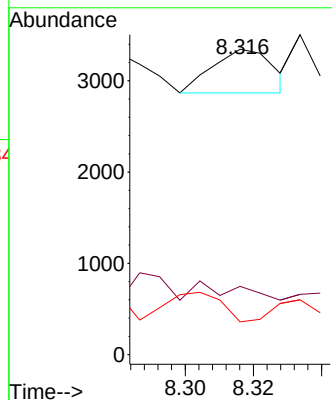
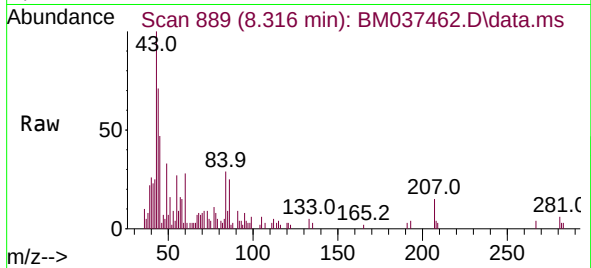




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.025 ng
RT: 8.316 min Scan# 889
Delta R.T. -0.029 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

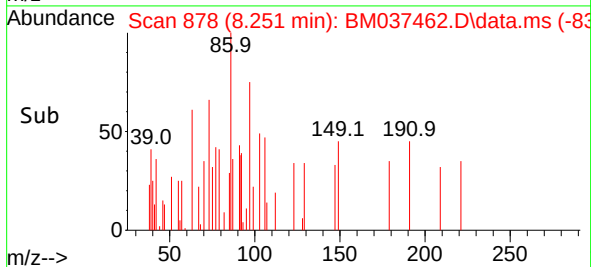
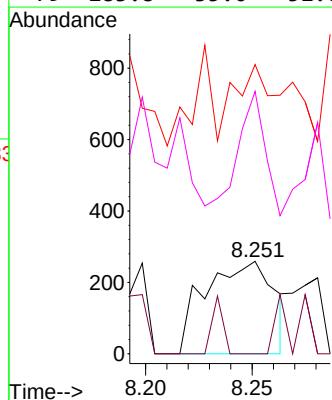
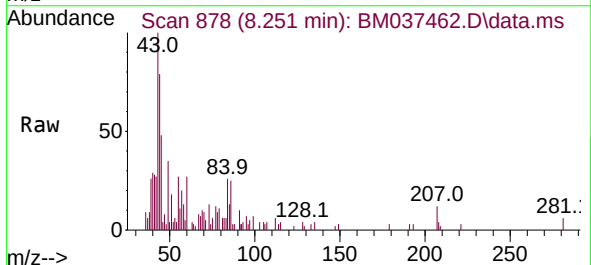
Instrument :
BNA_M
ClientSampleId :
2182

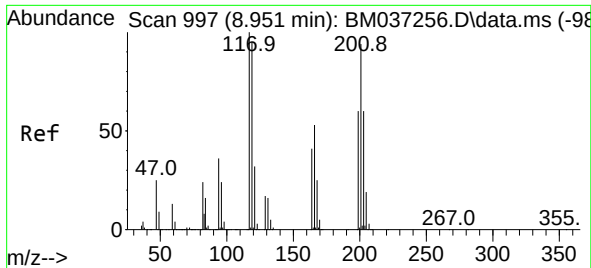
Tgt Ion: 45 Resp: 588
Ion Ratio Lower Upper
45 100
77 22.3 0.0 34.0
79 10.7 0.0 30.6



#17
2-Methylphenol
Concen: 0.043 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.018 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 107 Resp: 580
Ion Ratio Lower Upper
107 100
108 0.0 89.5 134.3#
77 312.7 36.2 54.2#
79 283.8 35.0 52.6#

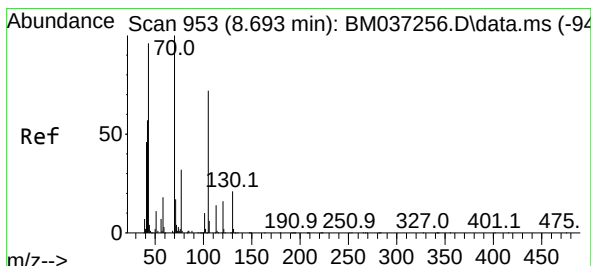
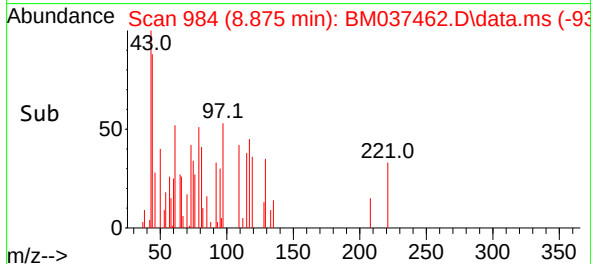
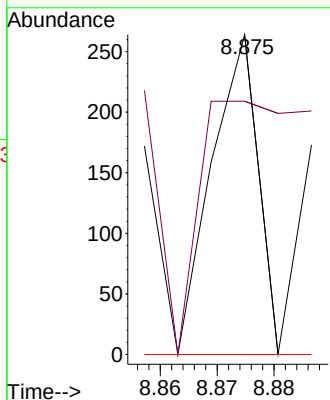
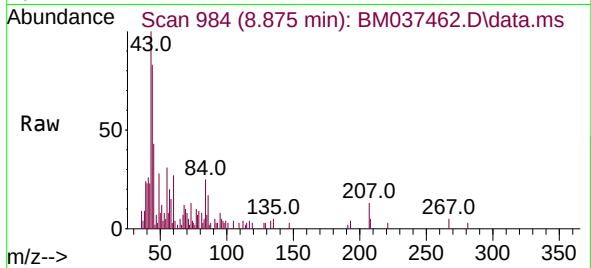




#18
Hexachloroethane
Concen: 0.023 ng
RT: 8.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

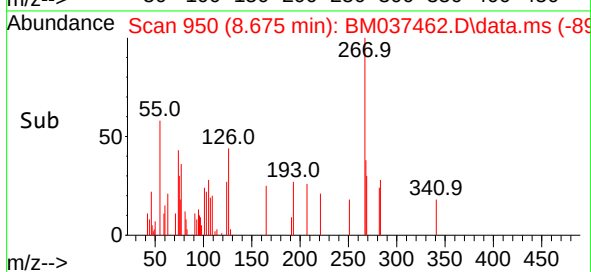
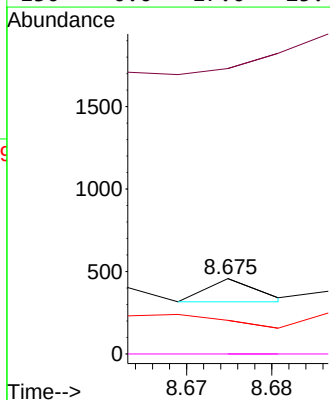
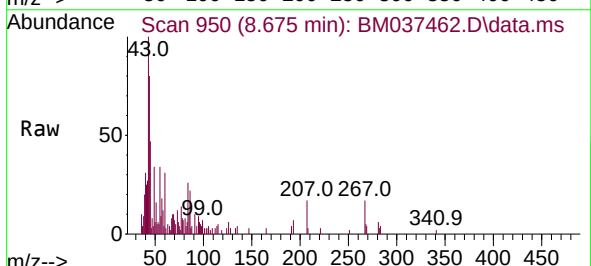
Instrument :
BNA_M
ClientSampleId :
2182

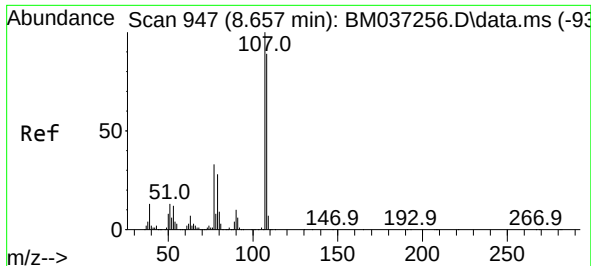
Tgt Ion:117 Resp: 149
Ion Ratio Lower Upper
117 100
119 79.2 75.9 113.9
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.078 ng
RT: 8.675 min Scan# 950
Delta R.T. 0.047 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 70 Resp: 58
Ion Ratio Lower Upper
70 100
42 378.8 46.4 69.6#
101 44.6 7.8 11.8#
130 0.0 17.0 25.4#

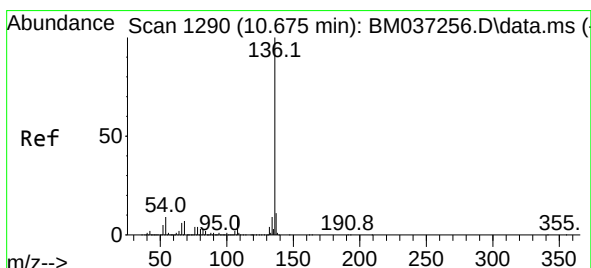
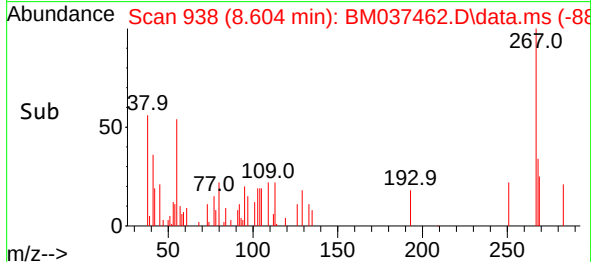
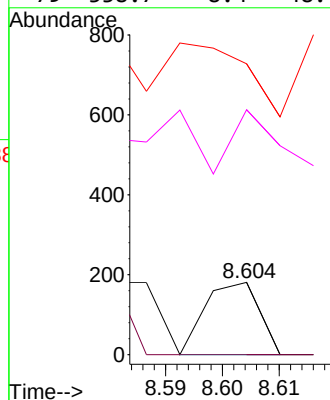
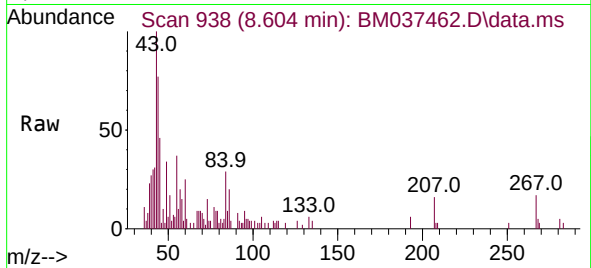




#20
3+4-Methylphenols
Concen: 0.006 ng
RT: 8.604 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

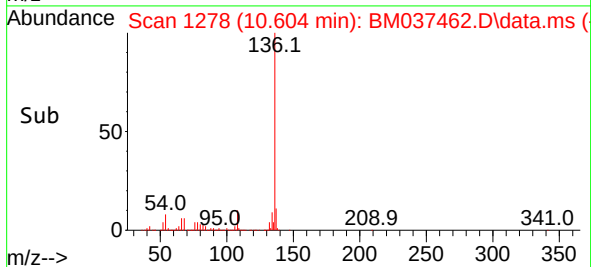
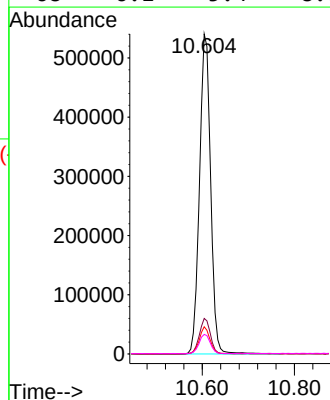
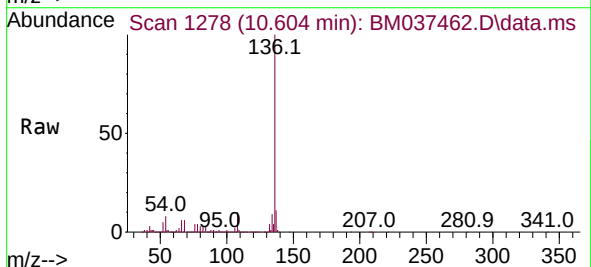
Instrument :
BNA_M
ClientSampleId :
2182

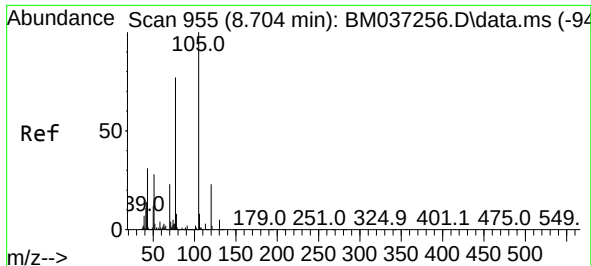
Tgt Ion:107	Resp:	120
Ion Ratio	Lower	Upper
107	100	
108	0.0	69.4 109.4#
77	402.2	12.8 52.8#
79	338.7	8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:136	Resp:	901783
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	8.5	7.0 10.4
68	6.1	5.4 8.0

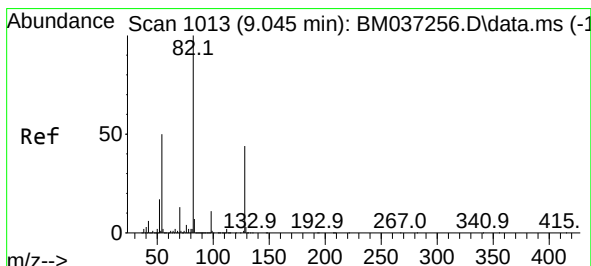
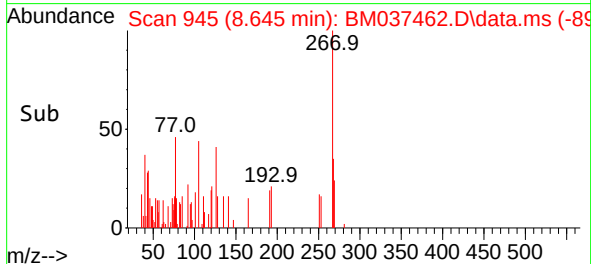
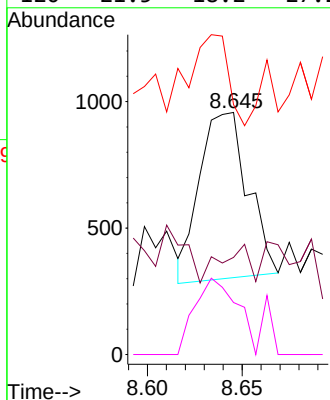
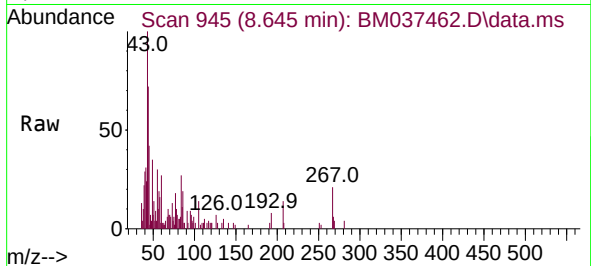




#22
Acetophenone
Concen: 0.050 ng
RT: 8.645 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

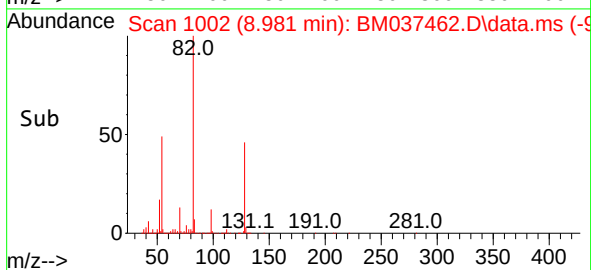
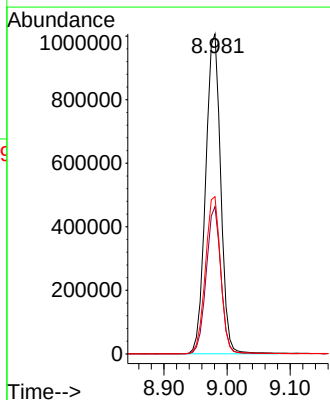
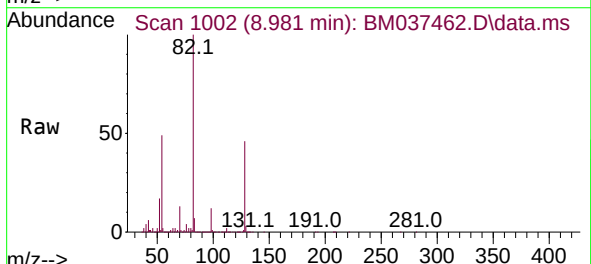
Instrument :
BNA_M
ClientSampleId :
2182

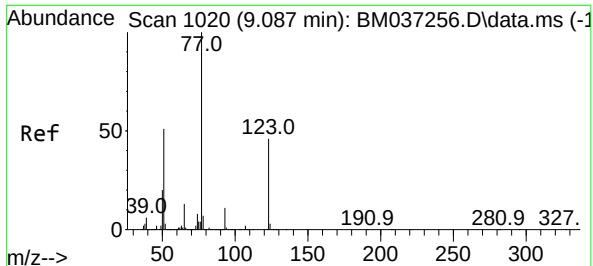
Tgt Ion:	105	Resp:	1169
Ion	Ratio	Lower	Upper
105	100		
71	40.1	3.0	4.4#
51	103.2	22.1	33.1#
120	21.5	18.2	27.2



#23
Nitrobenzene-d5
Concen: 93.286 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:	82	Resp:	1667375
Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.2	52.8
54	49.1	40.4	60.6

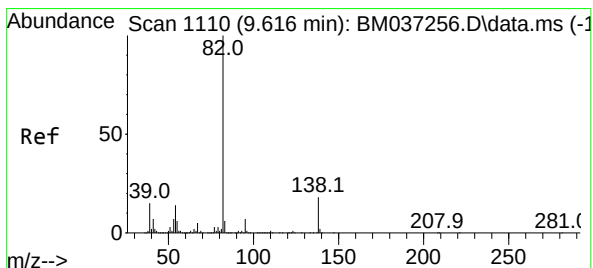
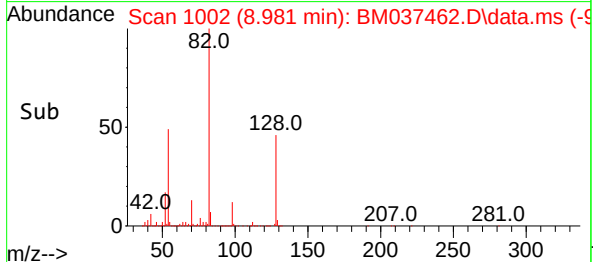
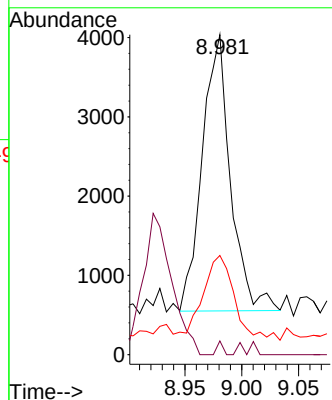
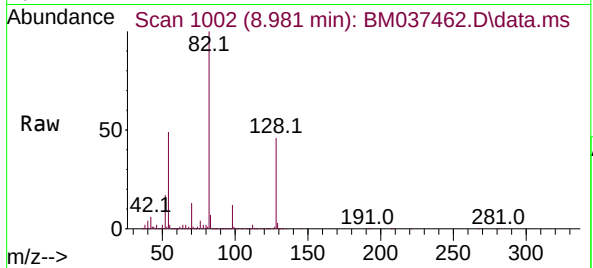




#24
Nitrobenzene
Concen: 0.333 ng
RT: 8.981 min Scan# 1093
Delta R.T. -0.041 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

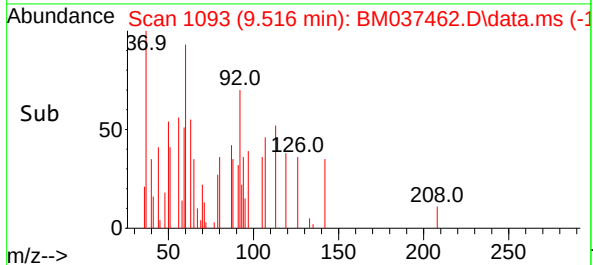
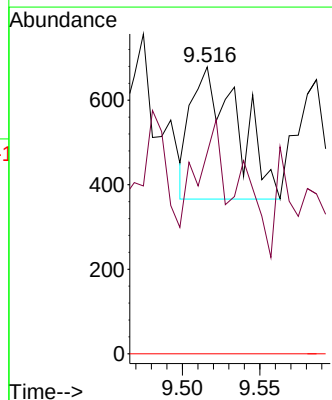
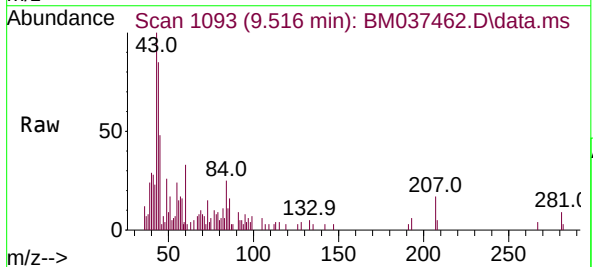
Instrument :
BNA_M
ClientSampleId :
2182

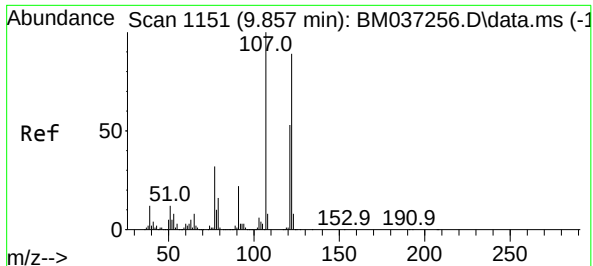
Tgt Ion: 77 Resp: 6026
Ion Ratio Lower Upper
77 100
123 4.3 36.6 55.0#
65 31.0 10.6 16.0#



#25
Isophorone
Concen: 0.022 ng
RT: 9.516 min Scan# 1093
Delta R.T. -0.035 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 82 Resp: 670
Ion Ratio Lower Upper
82 100
95 70.1 5.4 8.0#
138 0.0 14.2 21.4#





#27

2,4-Dimethylphenol

Concen: 0.024 ng

RT: 9.787 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

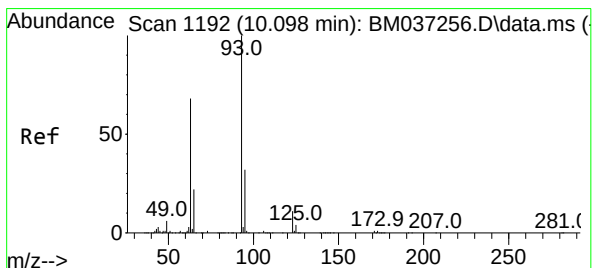
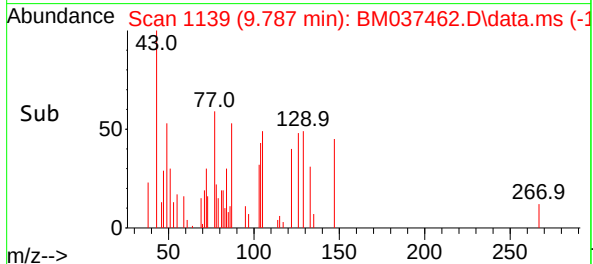
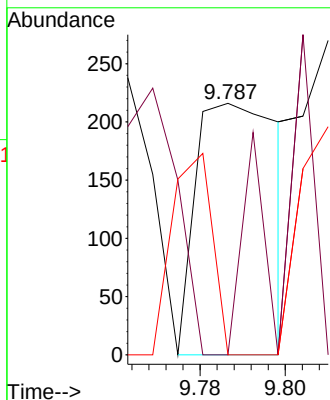
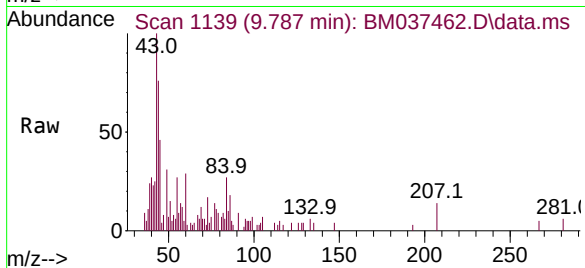
Tgt Ion:122 Resp: 294

Ion Ratio Lower Upper

122 100

107 0.0 89.7 134.5#

121 0.0 47.1 70.7#



#28

bis(2-Chloroethoxy)methane

Concen: 0.019 ng

RT: 10.034 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

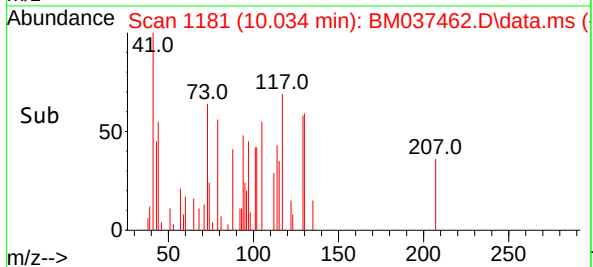
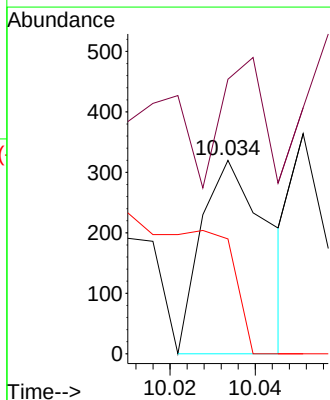
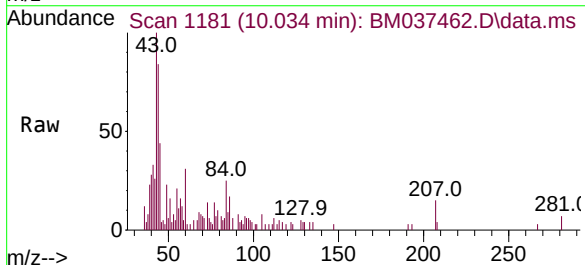
Tgt Ion: 93 Resp: 350

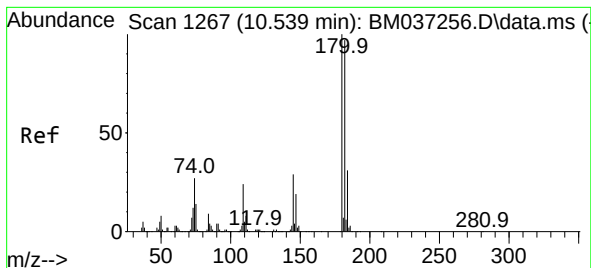
Ion Ratio Lower Upper

93 100

95 141.9 25.8 38.8#

123 59.4 9.3 13.9#





#30

1,2,4-Trichlorobenzene

Concen: 0.004 ng

RT: 10.651 min Scan# 11

Delta R.T. 0.182 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

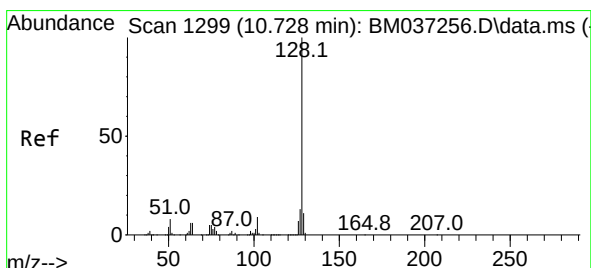
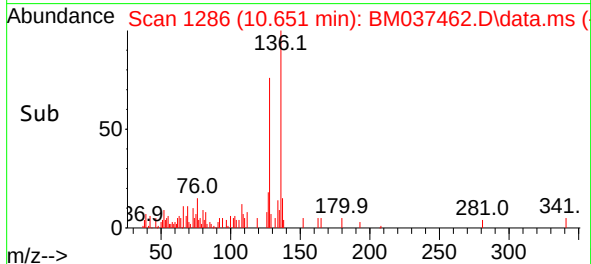
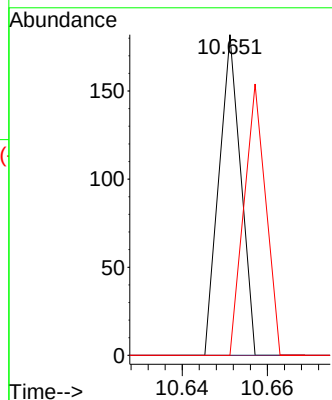
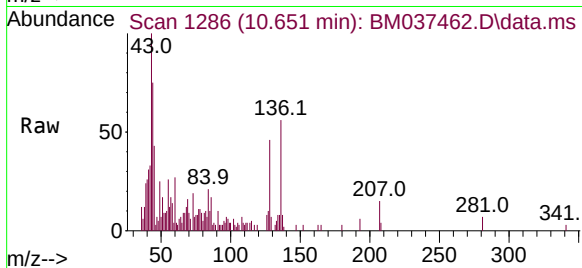
Tgt Ion:180 Resp: 64

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

145 0.0 23.5 35.3#



#31

Naphthalene

Concen: 0.105 ng

RT: 10.657 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

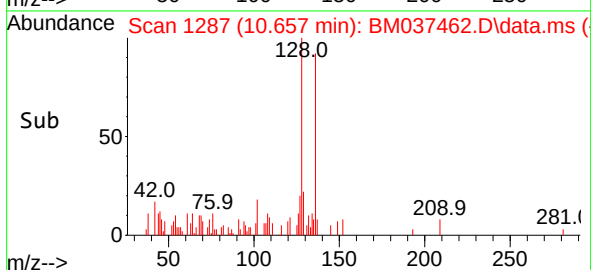
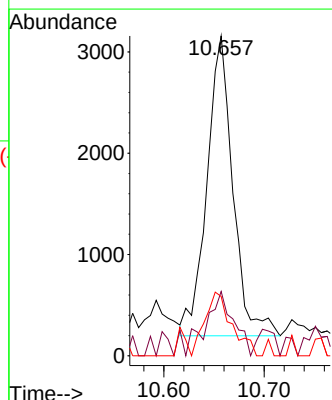
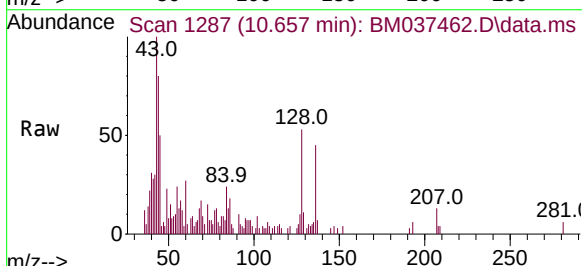
Tgt Ion:128 Resp: 5343

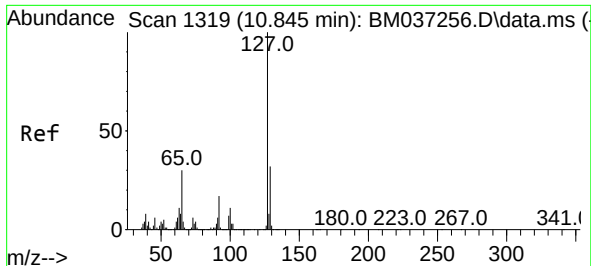
Ion Ratio Lower Upper

128 100

129 20.1 8.7 13.1#

127 18.6 10.2 15.2#

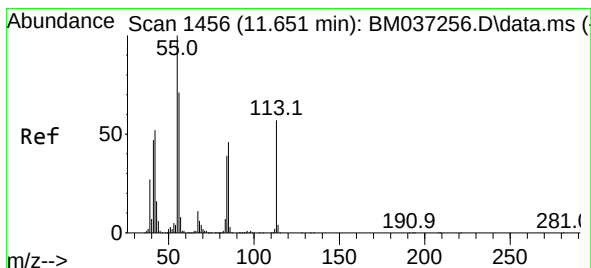
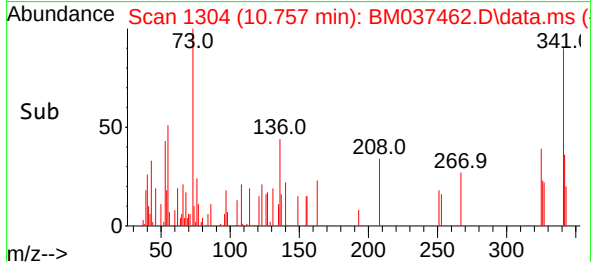
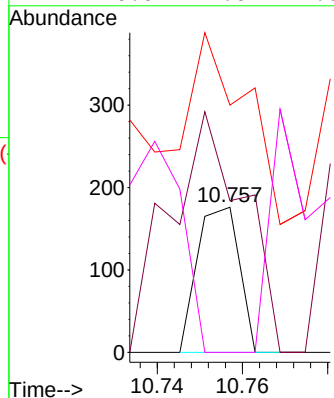
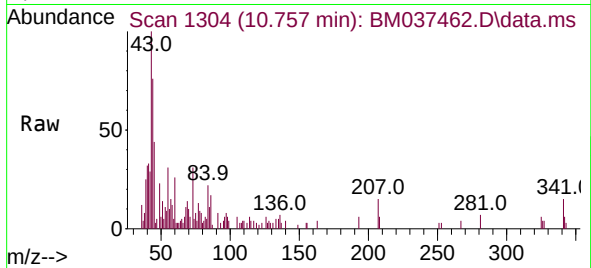




#33
4-Chloroaniline
Concen: 0.006 ng
RT: 10.757 min Scan# 1319
Delta R.T. -0.029 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

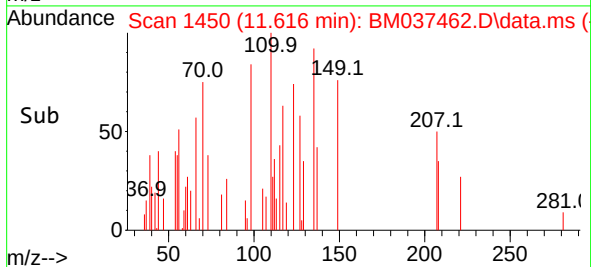
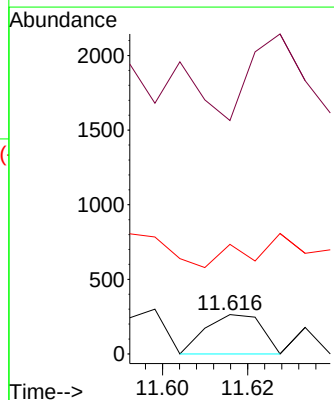
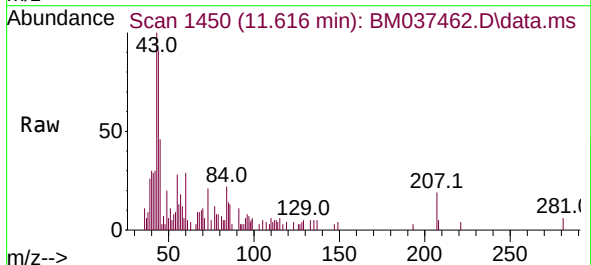
Instrument :
BNA_M
ClientSampleId :
2182

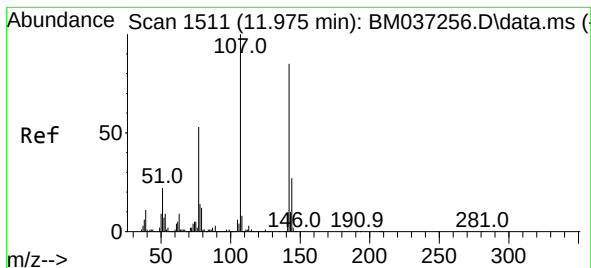
Tgt Ion:127	Resp:	120
Ion Ratio	Lower	Upper
127	100	
129	104.5	25.5 38.3#
65	170.5	24.0 36.0#
92	0.0	14.0 21.0#



#35
Caprolactam
Concen: 0.057 ng
RT: 11.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:113	Resp:	241
Ion Ratio	Lower	Upper
113	100	
55	592.4	156.9 196.9#
56	278.0	106.4 146.4#

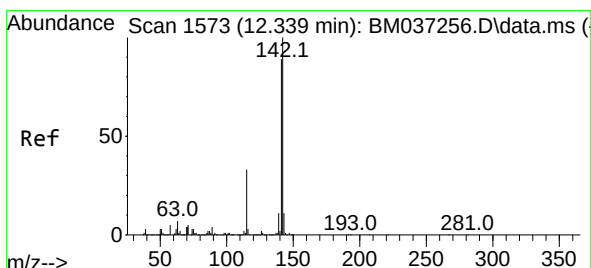
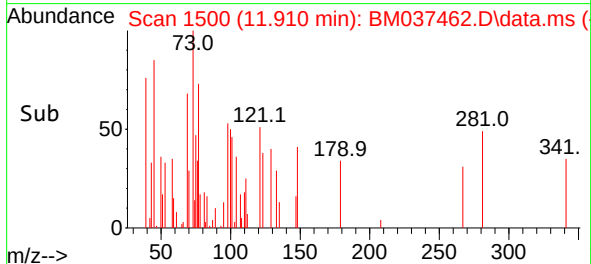
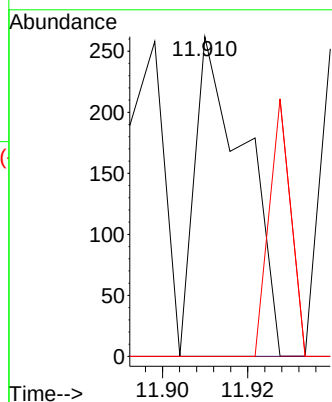
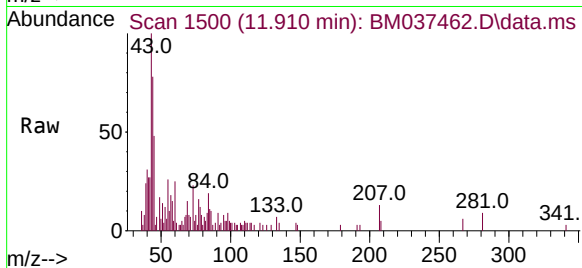




#36
4-Chloro-3-methylphenol
Concen: 0.015 ng
RT: 11.910 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

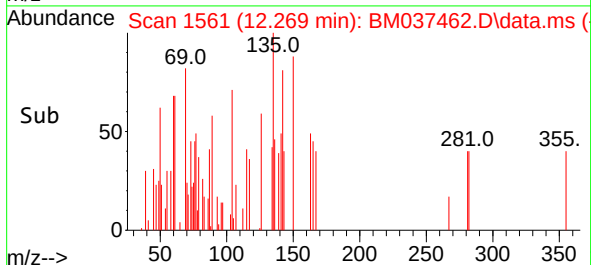
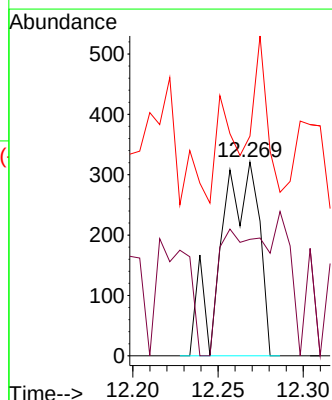
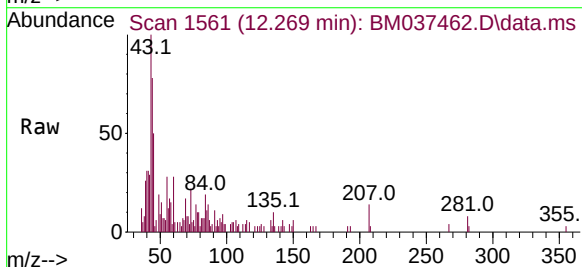
Instrument :
BNA_M
ClientSampleId :
2182

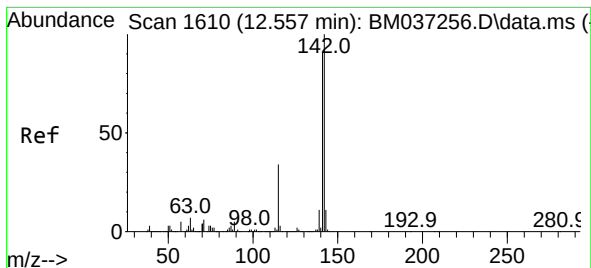
Tgt Ion:107 Resp: 215
Ion Ratio Lower Upper
107 100
144 0.0 21.8 32.6#
142 0.0 68.1 102.1#



#37
2-Methylnaphthalene
Concen: 0.014 ng
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:142 Resp: 498
Ion Ratio Lower Upper
142 100
141 60.1 71.3 106.9#
115 113.4 26.0 39.0#





#38

1-Methylnaphthalene

Concen: 0.005 ng

RT: 12.486 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

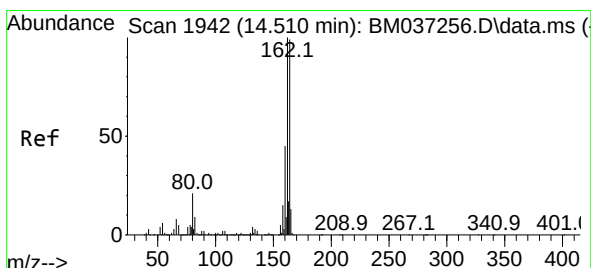
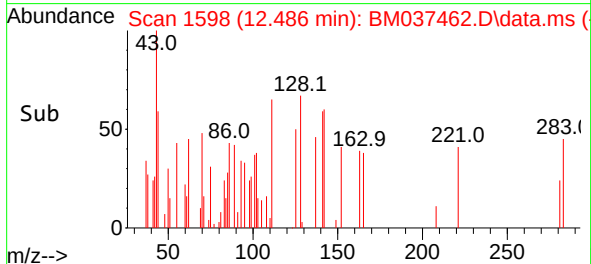
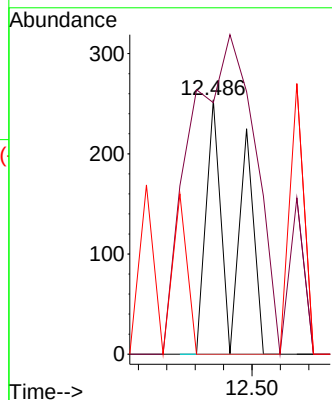
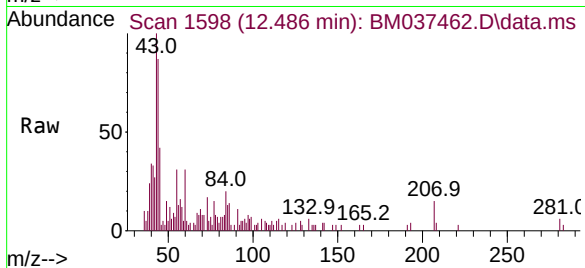
Tgt Ion:142 Resp: 169

Ion Ratio Lower Upper

142 100

141 98.8 73.0 109.6

116 0.0 2.8 4.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

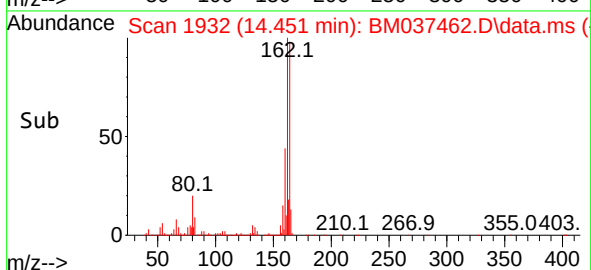
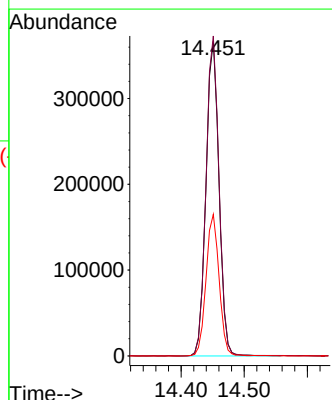
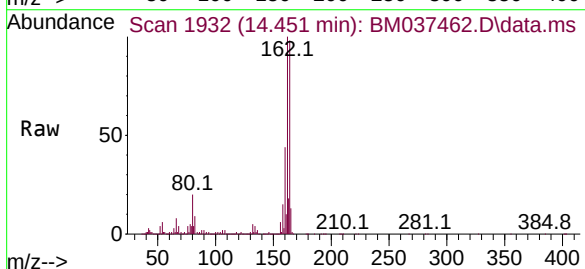
Tgt Ion:164 Resp: 523122

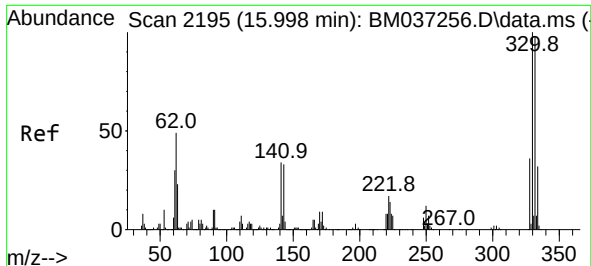
Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

160 45.0 36.2 54.4

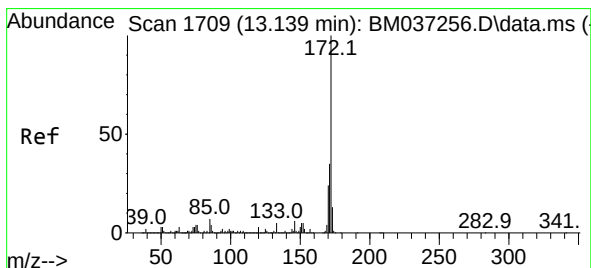
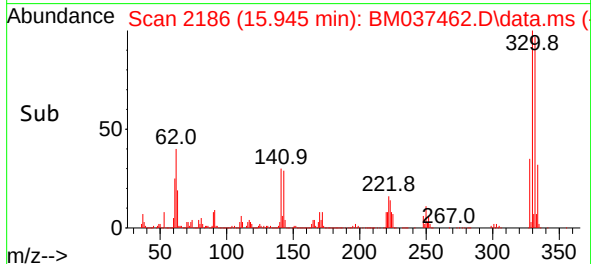
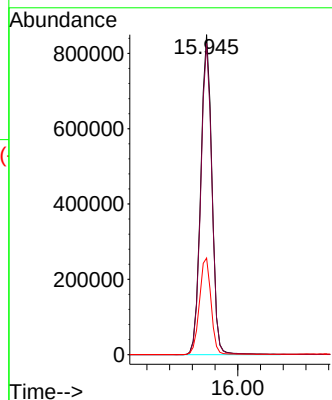
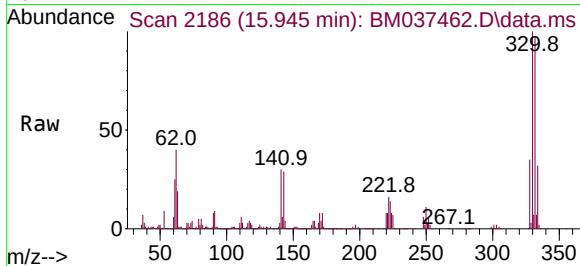




#42
2,4,6-Tribromophenol
Concen: 187.441 ng
RT: 15.945 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

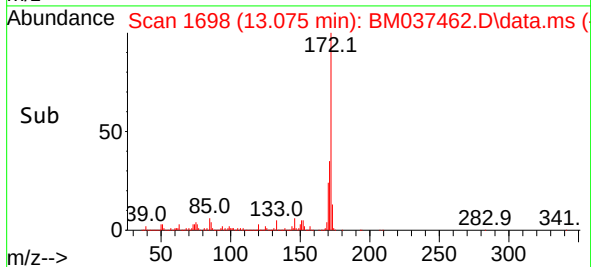
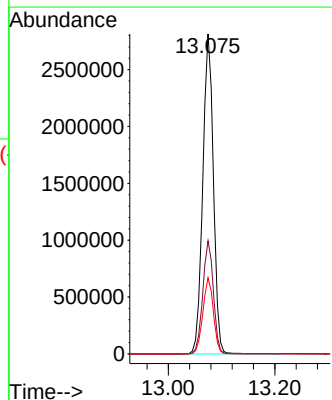
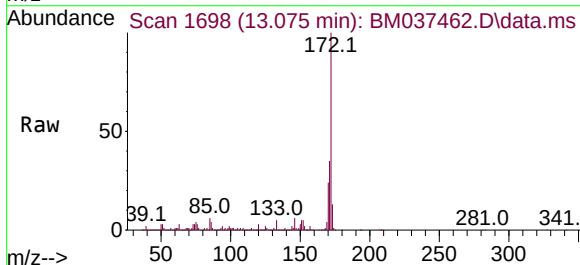
Instrument :
BNA_M
ClientSampleId :
2182

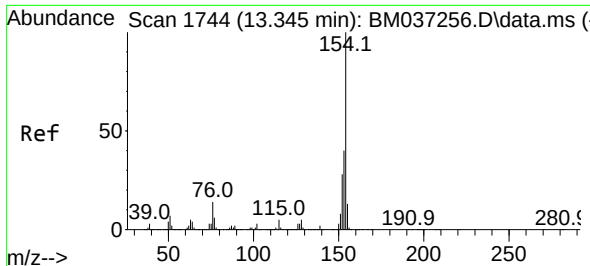
Tgt Ion:330 Resp: 1155543
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 31.3 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 98.648 ng
RT: 13.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:172 Resp: 3883886
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.8 19.0 28.4

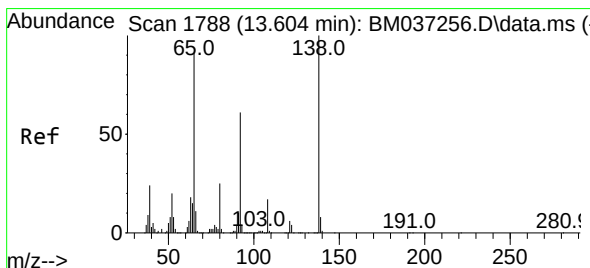
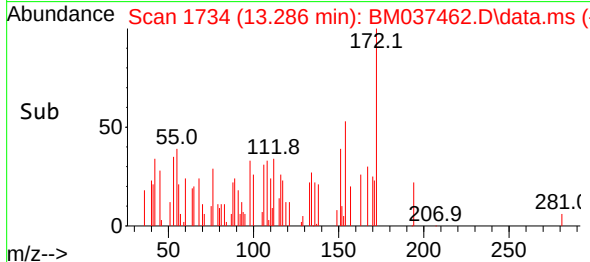
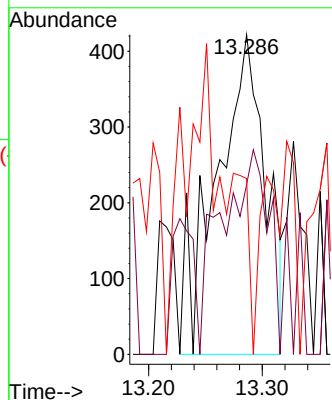
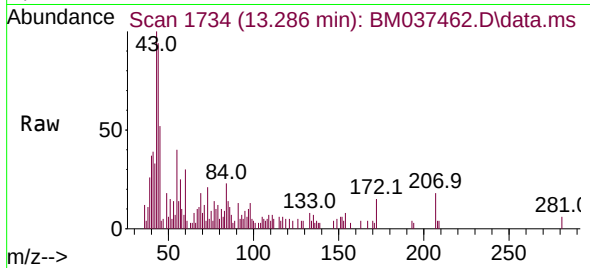




#46
1,1'-Biphenyl
Concen: 0.030 ng
RT: 13.286 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

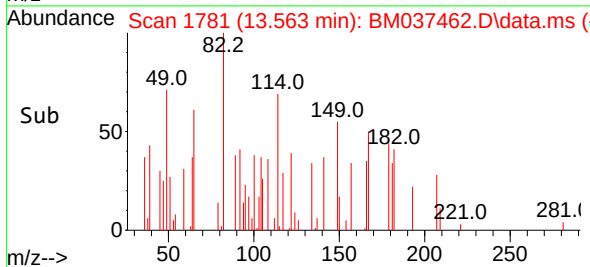
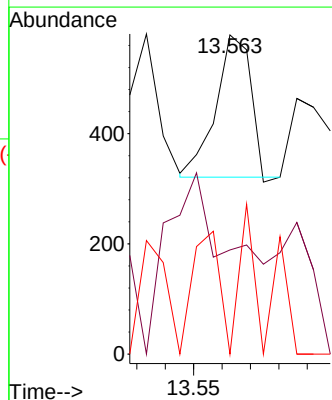
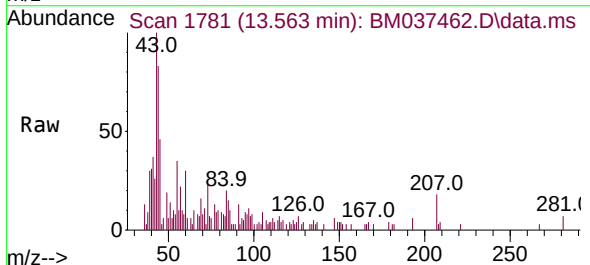
Instrument :
BNA_M
ClientSampleId :
2182

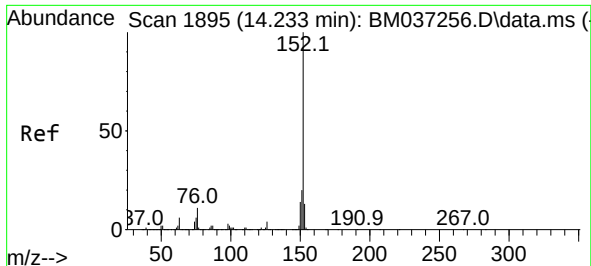
Tgt Ion:154 Resp: 1278
Ion Ratio Lower Upper
154 100
153 53.1 20.3 60.3
76 55.0 0.0 33.7#



#48
2-Nitroaniline
Concen: 0.022 ng
RT: 13.563 min Scan# 1781
Delta R.T. 0.012 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 65 Resp: 218
Ion Ratio Lower Upper
65 100
92 32.6 53.7 80.5#
138 0.0 87.4 131.2#

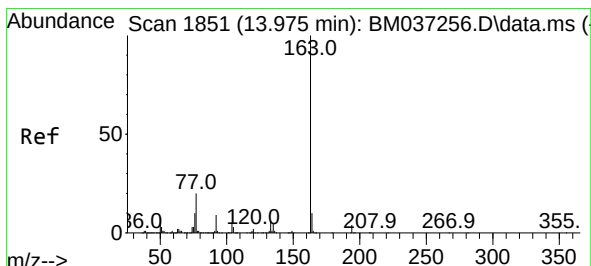
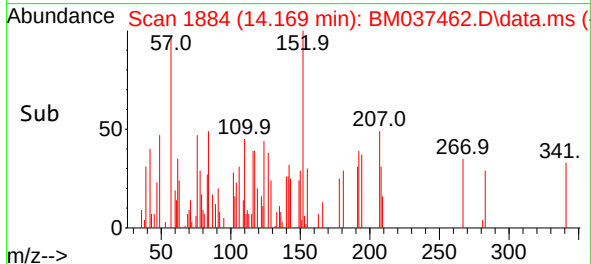
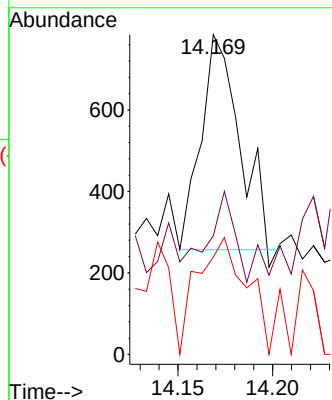
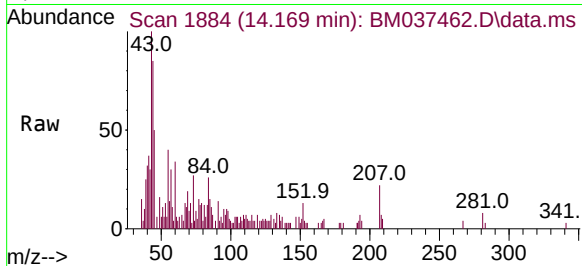




#49
Acenaphthylene
Concen: 0.014 ng
RT: 14.169 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

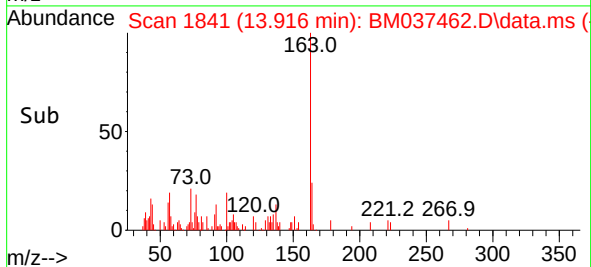
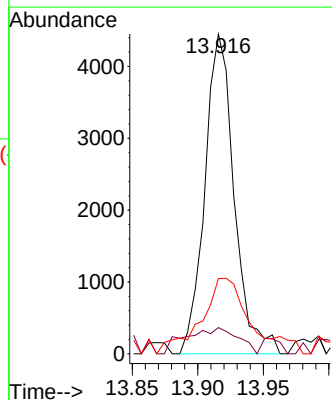
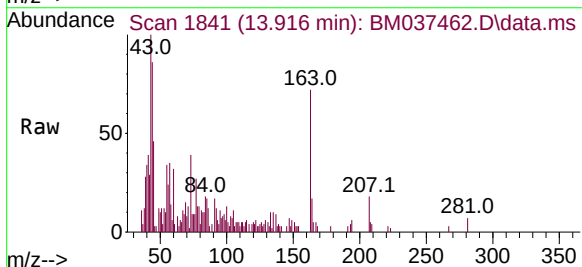
Instrument :
BNA_M
ClientSampleId :
2182

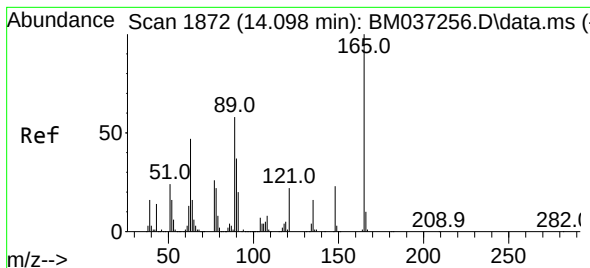
Tgt Ion:	152	Resp:	746
Ion Ratio	Lower	Upper	
152	100		
151	37.1	16.0	24.0#
153	30.4	10.6	15.8#



#50
Dimethylphthalate
Concen: 0.174 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:	163	Resp:	6946
Ion Ratio	Lower	Upper	
163	100		
194	8.2	3.0	4.6#
164	23.5	8.2	12.2#

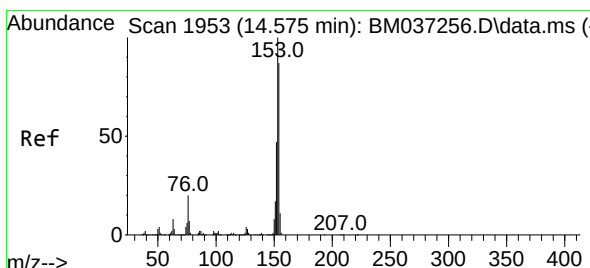
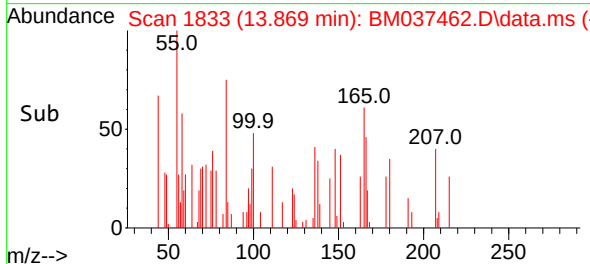
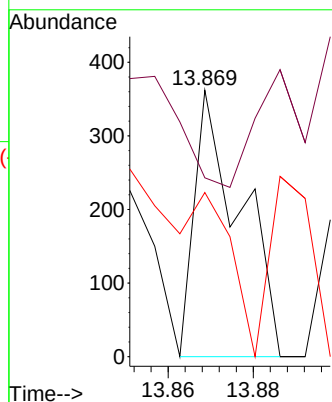
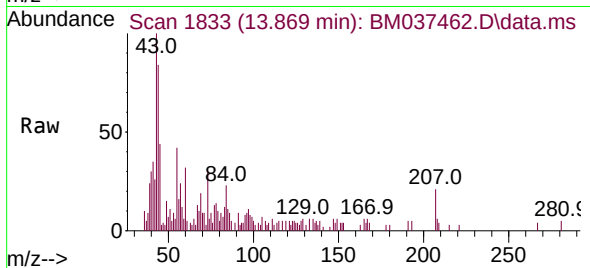




#51
2,6-Dinitrotoluene
Concen: 0.032 ng
RT: 13.869 min Scan# 1872
Delta R.T. -0.182 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

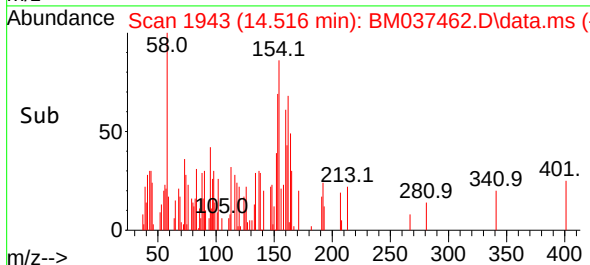
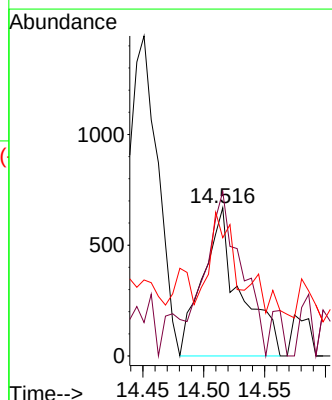
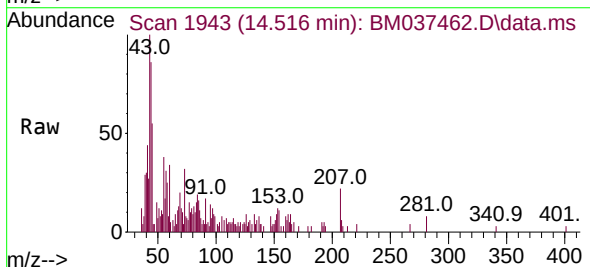
Instrument :
BNA_M
ClientSampleId :
2182

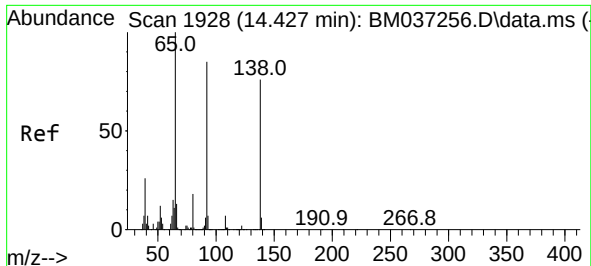
Tgt Ion:165 Resp: 270
Ion Ratio Lower Upper
165 100
63 67.1 46.2 69.2
89 61.6 46.6 69.8



#52
Acenaphthene
Concen: 0.044 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:154 Resp: 1434
Ion Ratio Lower Upper
154 100
153 110.9 91.5 137.3
152 79.8 43.0 64.6#

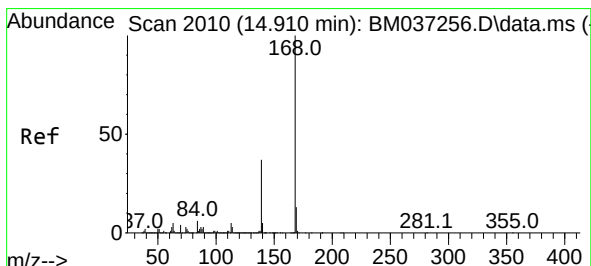
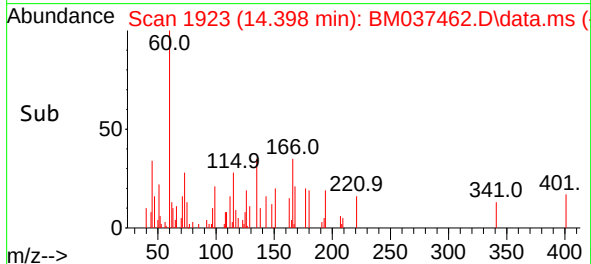
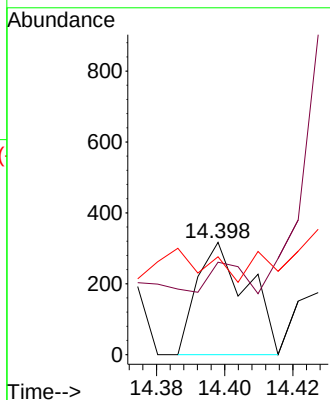
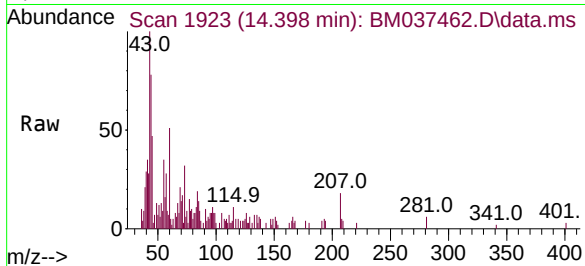




#53
3-Nitroaniline
Concen: 0.035 ng
RT: 14.398 min Scan# 1928
Delta R.T. 0.018 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

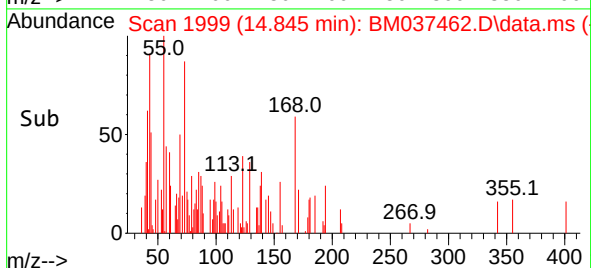
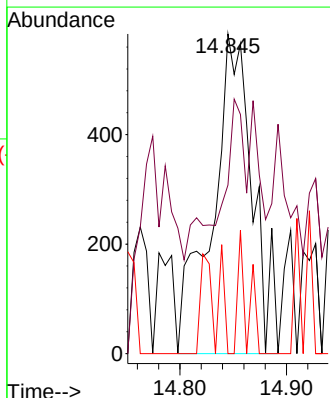
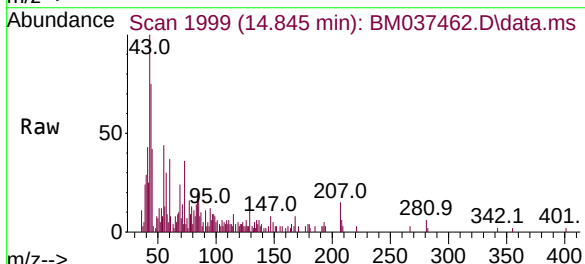
Instrument :
BNA_M
ClientSampleId :
2182

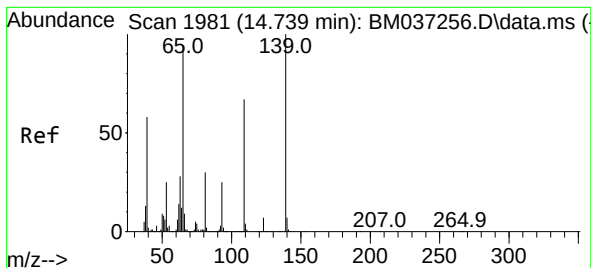
Tgt Ion:138 Resp: 328
Ion Ratio Lower Upper
138 100
108 82.3 7.3 10.9#
92 87.1 89.8 134.8#



#55
Dibenzofuran
Concen: 0.031 ng
RT: 14.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:168 Resp: 1541
Ion Ratio Lower Upper
168 100
139 52.7 29.3 43.9#
169 0.0 10.6 16.0#

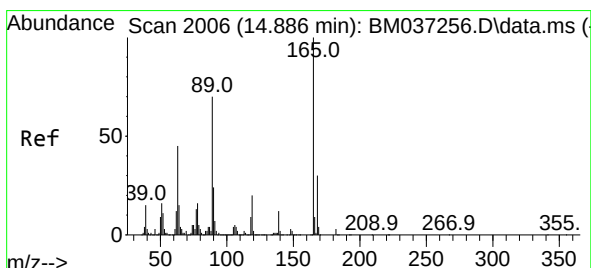
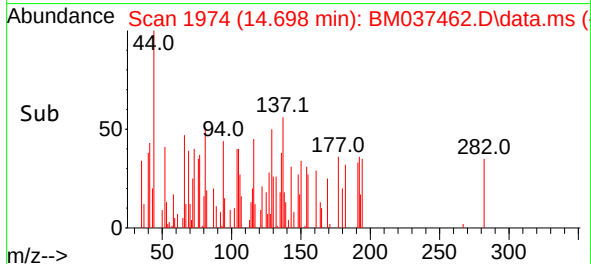
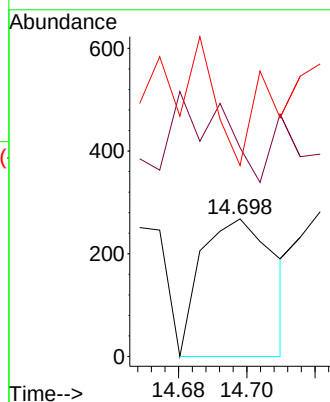
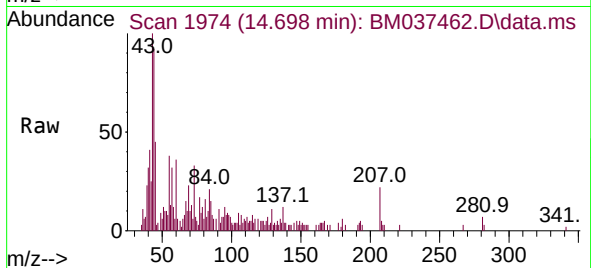




#56
4-Nitrophenol
Concen: 0.053 ng
RT: 14.698 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

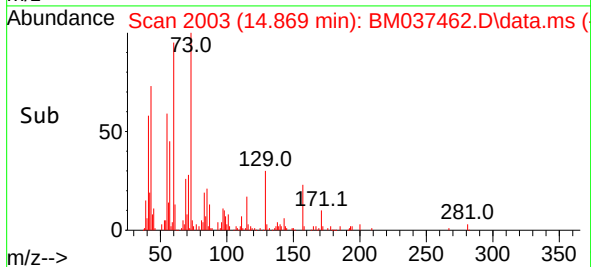
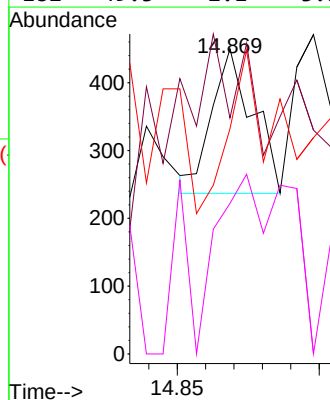
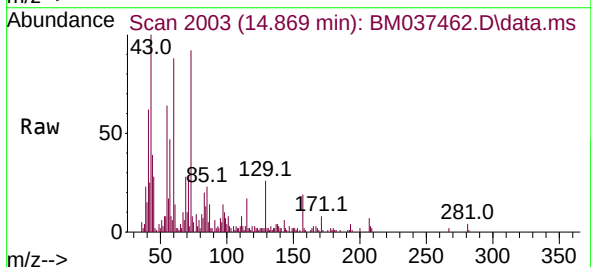
Instrument :
BNA_M
ClientSampleId :
2182

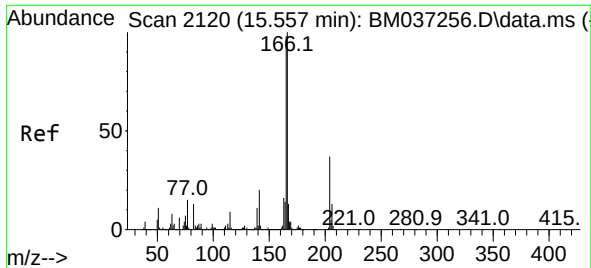
Tgt Ion:139 Resp: 399
Ion Ratio Lower Upper
139 100
109 151.9 47.4 87.4#
65 138.8 73.8 113.8#



#57
2,4-Dinitrotoluene
Concen: 0.019 ng
RT: 14.869 min Scan# 2003
Delta R.T. 0.030 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:165 Resp: 214
Ion Ratio Lower Upper
165 100
63 77.3 36.3 54.5#
89 73.8 56.3 84.5
182 49.3 2.1 3.1#

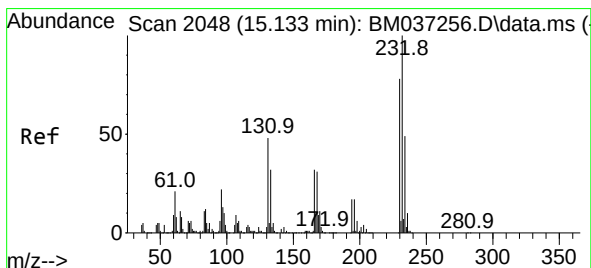
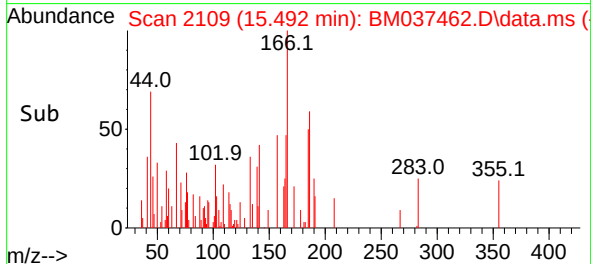
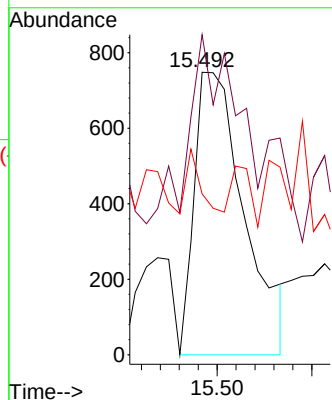
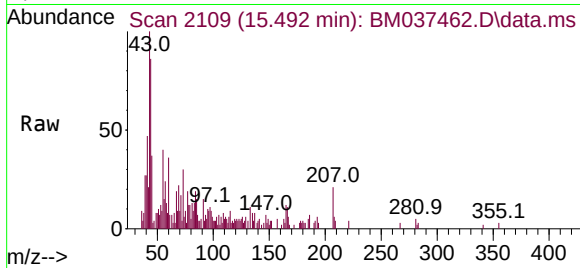




#58
Fluorene
Concen: 0.033 ng
RT: 15.492 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

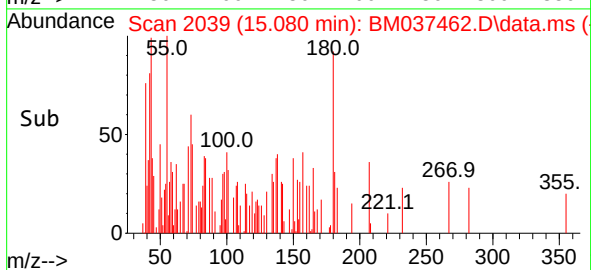
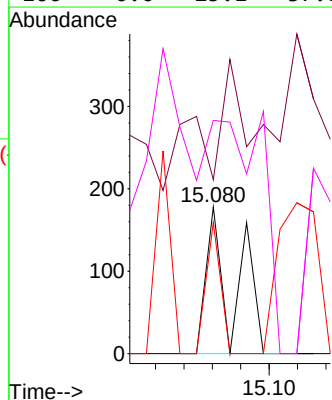
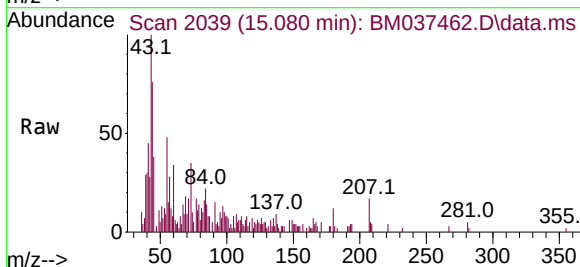
Instrument :
BNA_M
ClientSampleId :
2182

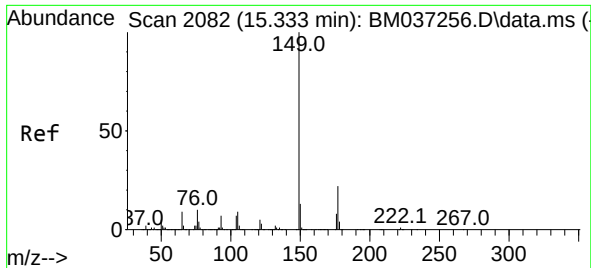
Tgt Ion:166 Resp: 1373
Ion Ratio Lower Upper
166 100
165 113.4 78.2 117.4
167 57.0 10.6 15.8#



#59
2,3,4,6-Tetrachlorophenol
Concen: 0.012 ng
RT: 15.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:232 Resp: 119
Ion Ratio Lower Upper
232 100
131 0.0 37.8 56.8#
130 47.1 1.9 2.9#
166 0.0 25.1 37.7#

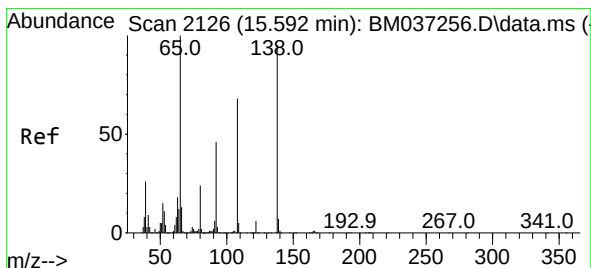
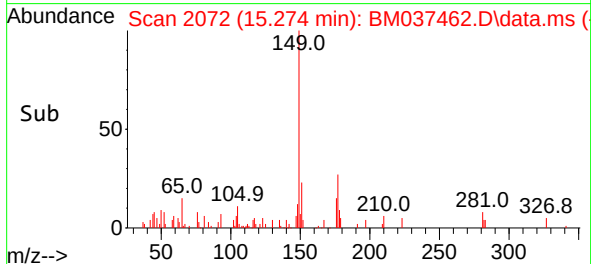
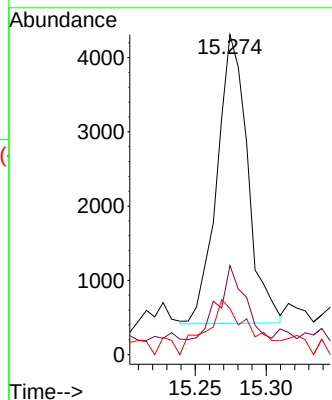
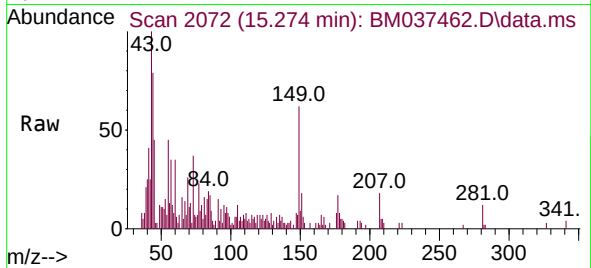




#60
Diethylphthalate
Concen: 0.151 ng
RT: 15.274 min Scan# 20182
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

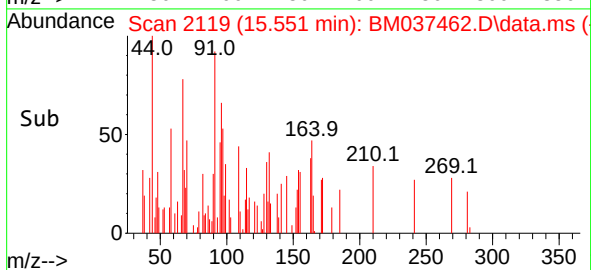
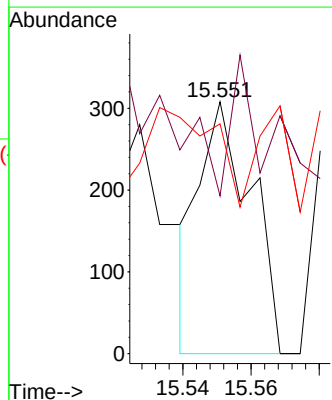
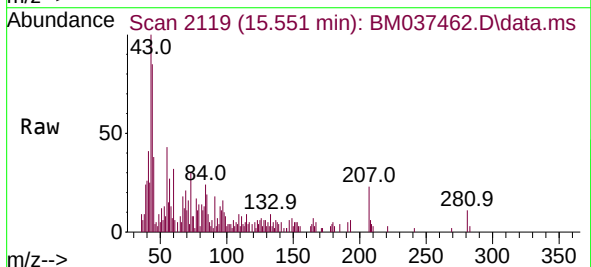
Instrument :
BNA_M
ClientSampleId :
2182

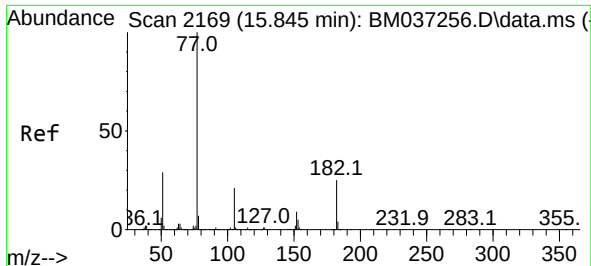
Tgt Ion:149 Resp: 5852
Ion Ratio Lower Upper
149 100
177 27.8 17.4 26.0#
150 14.4 10.0 15.0



#62
4-Nitroaniline
Concen: 0.034 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:138 Resp: 323
Ion Ratio Lower Upper
138 100
92 62.7 28.1 68.1
108 91.2 51.3 91.3

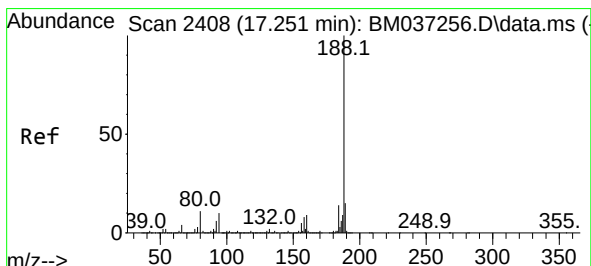
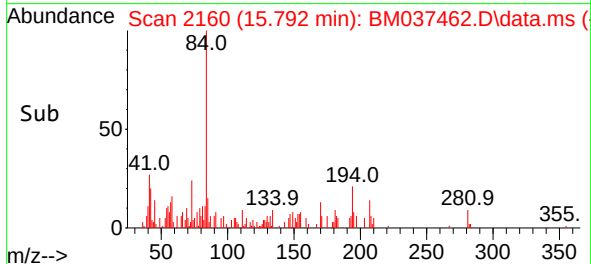
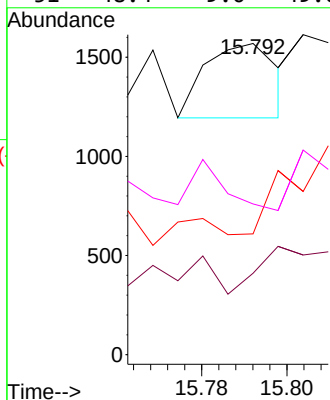
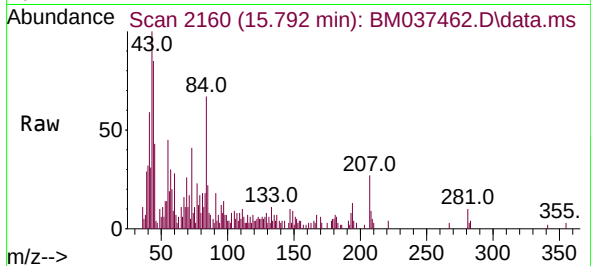




#63
Azobenzene
Concen: 0.011 ng
RT: 15.792 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

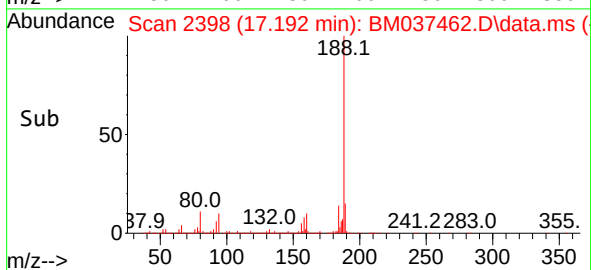
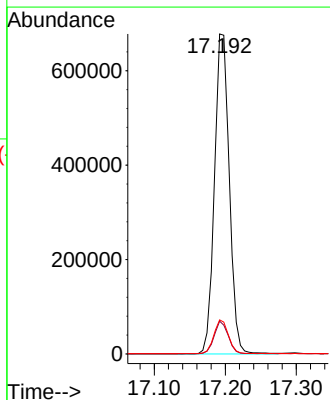
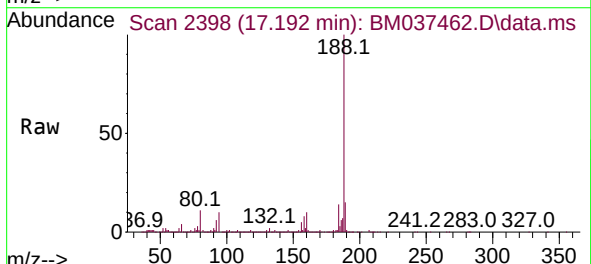
Instrument :
BNA_M
ClientSampleId :
2182

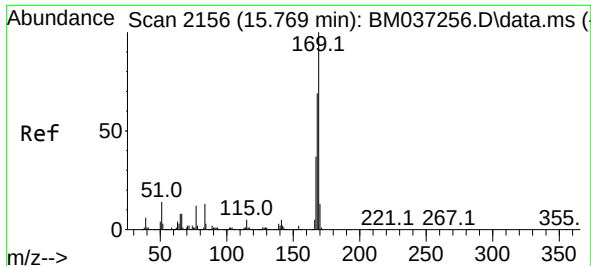
Tgt Ion: 77	Resp: 437
Ion Ratio	Lower Upper
77 100	
182 26.2	5.1 45.1
105 38.8	0.5 40.5
51 48.4	9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 188	Resp: 985133
Ion Ratio	Lower Upper
188 100	
94 10.2	7.9 11.9
80 10.6	8.5 12.7

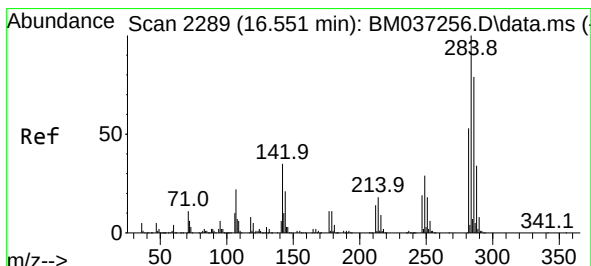
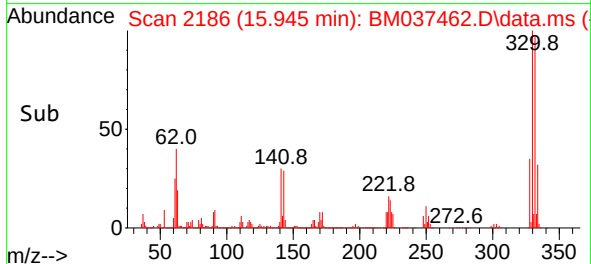
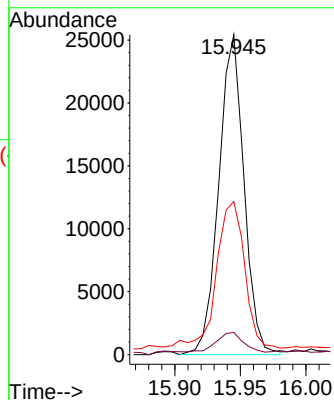
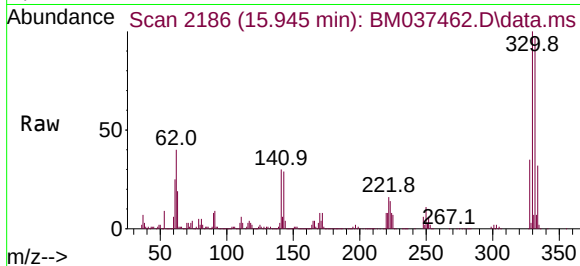




#66
n-Nitrosodiphenylamine
Concen: 1.022 ng
RT: 15.945 min Scan# 2156
Delta R.T. 0.230 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

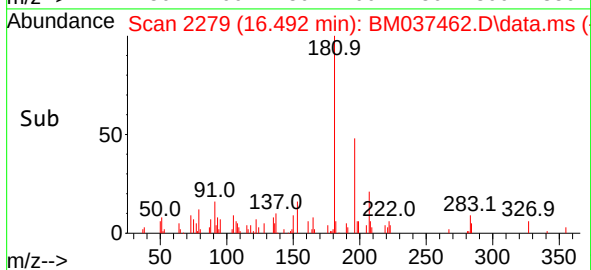
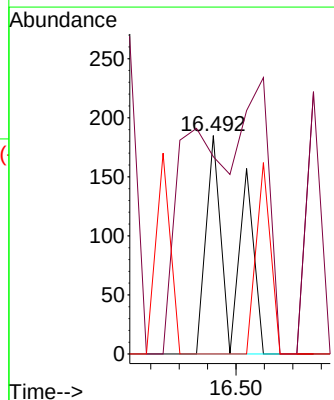
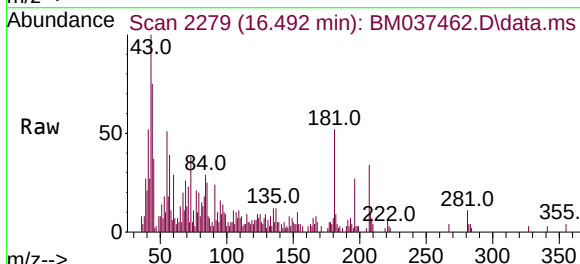
Instrument :
BNA_M
ClientSampleId :
2182

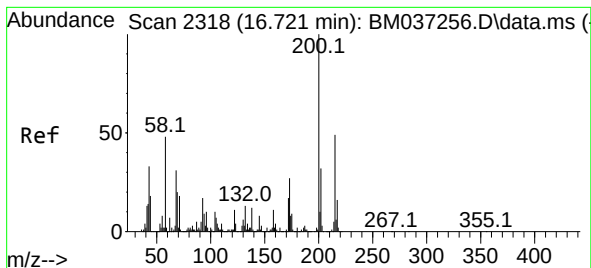
Tgt Ion:169 Resp: 34034
Ion Ratio Lower Upper
169 100
168 6.9 54.8 82.2#
167 47.8 29.5 44.3#



#68
Hexachlorobenzene
Concen: 0.009 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:284 Resp: 121
Ion Ratio Lower Upper
284 100
142 90.3 28.2 42.4#
249 0.0 23.1 34.7#





#69

Atrazine

Concen: 0.009 ng

RT: 16.657 min Scan# 2318

Delta R.T. -0.017 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

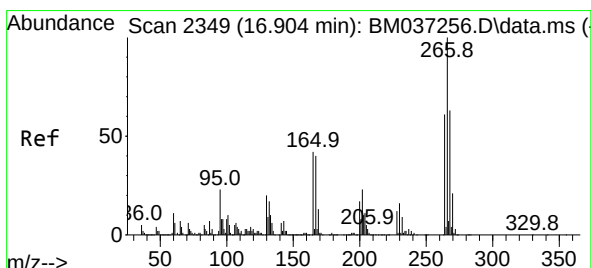
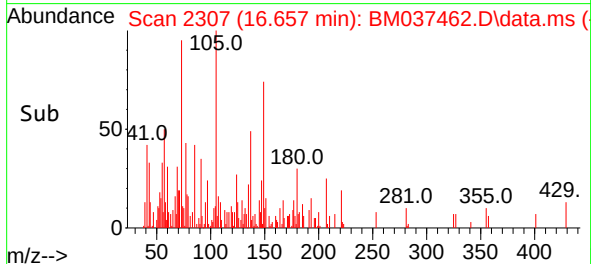
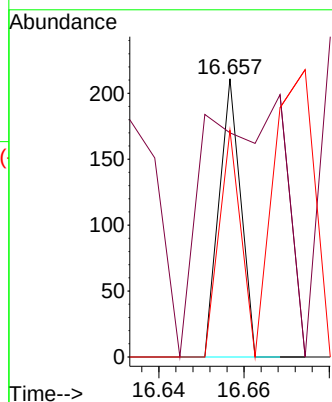
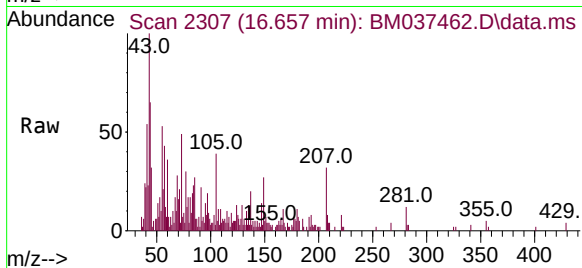
Tgt Ion:200 Resp: 74

Ion Ratio Lower Upper

200 100

173 80.6 6.8 46.8#

215 81.5 28.5 68.5#



#70

Pentachlorophenol

Concen: 0.095 ng

RT: 16.857 min Scan# 2341

Delta R.T. 0.006 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

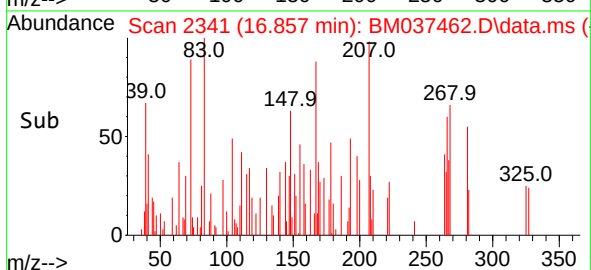
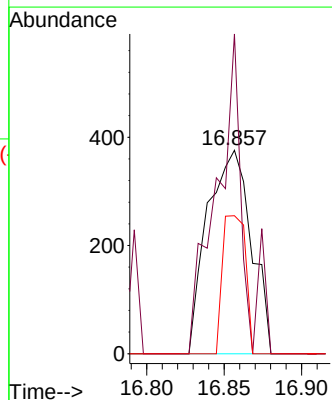
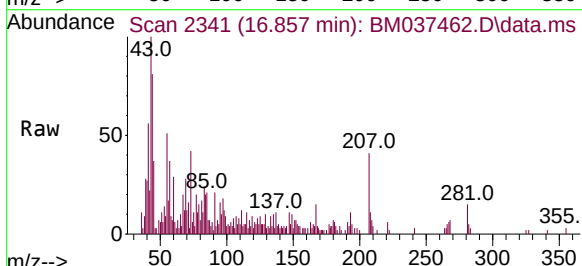
Tgt Ion:266 Resp: 740

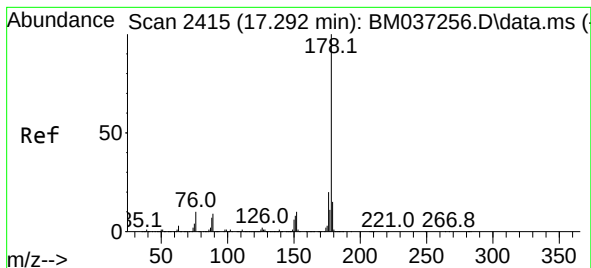
Ion Ratio Lower Upper

266 100

268 157.2 50.7 76.1#

264 67.8 49.1 73.7





#71

Phenanthrene

Concen: 0.061 ng

RT: 17.239 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

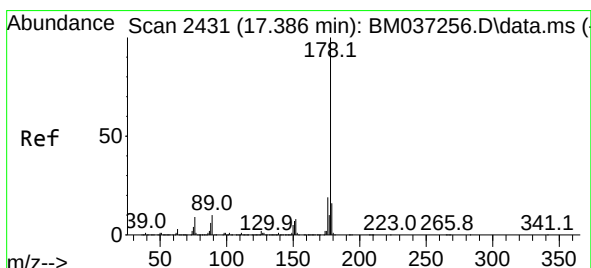
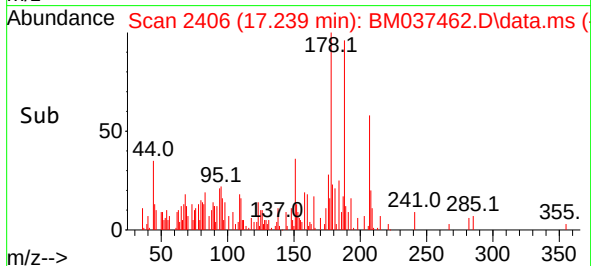
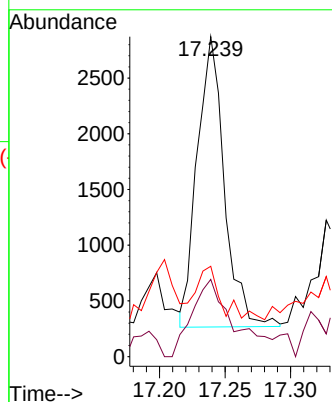
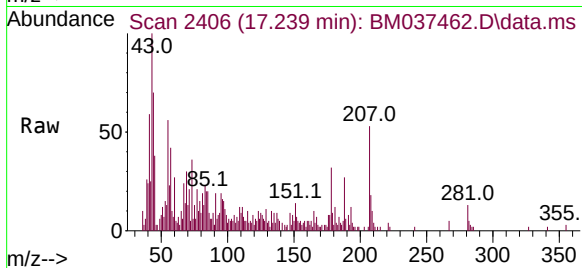
Tgt Ion:178 Resp: 3752

Ion Ratio Lower Upper

178 100

176 24.1 15.6 23.4#

179 28.2 12.4 18.6#



#72

Anthracene

Concen: 0.027 ng

RT: 17.327 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

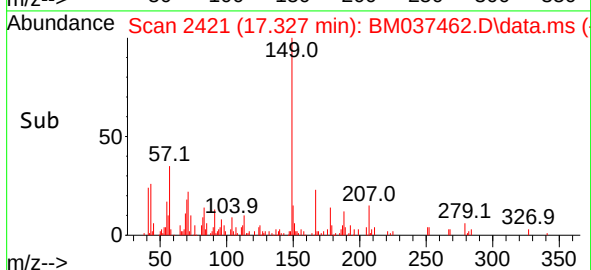
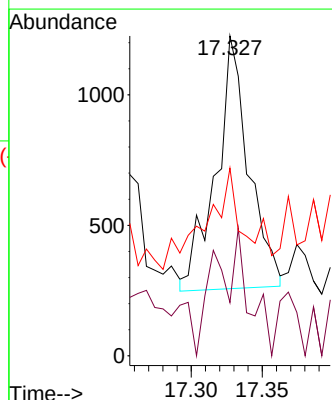
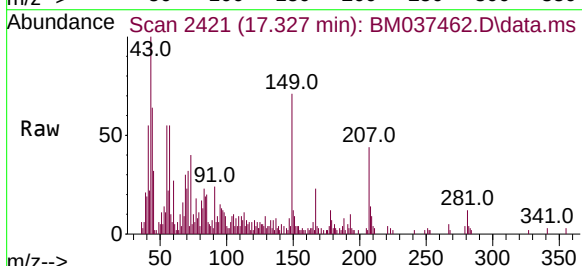
Tgt Ion:178 Resp: 1560

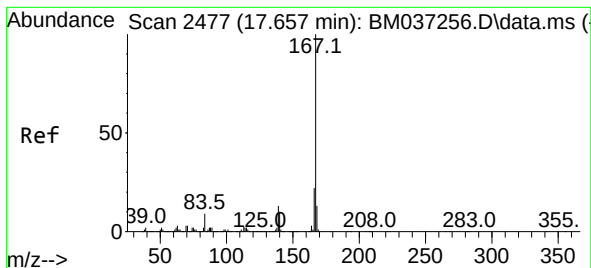
Ion Ratio Lower Upper

178 100

176 16.6 15.4 23.0

179 58.6 12.6 19.0#





#73

Carbazole

Concen: 0.040 ng

RT: 17.610 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

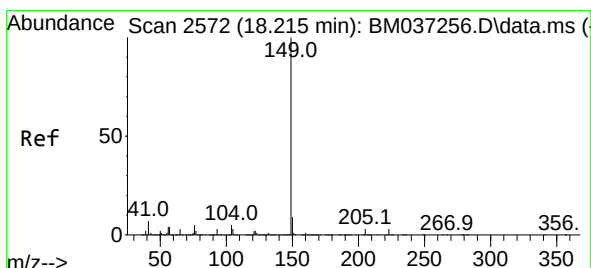
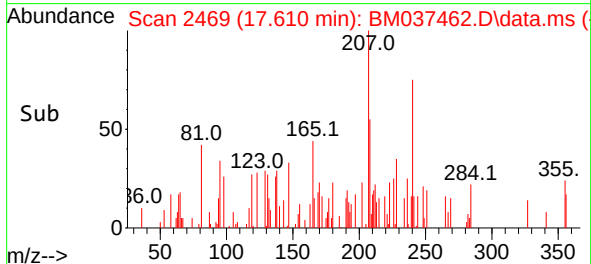
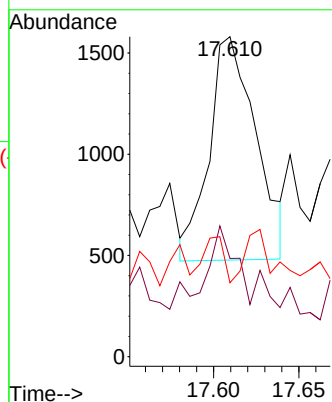
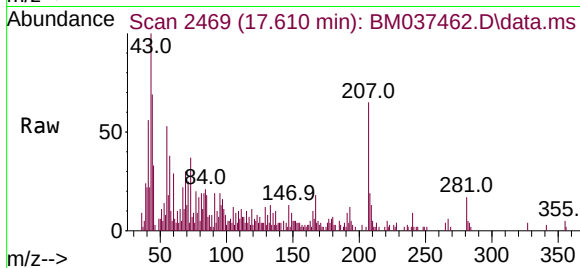
Tgt Ion:167 Resp: 2104

Ion Ratio Lower Upper

167 100

166 30.7 17.4 26.2#

139 23.1 10.4 15.6#



#74

Di-n-butylphthalate

Concen: 0.210 ng

RT: 18.162 min Scan# 2563

Delta R.T. -0.006 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

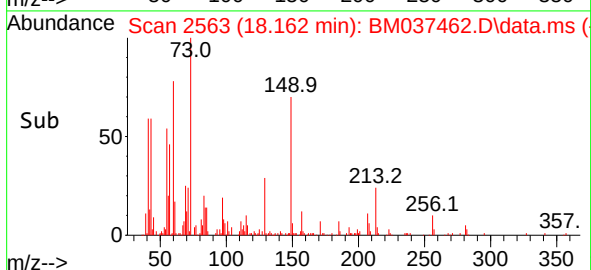
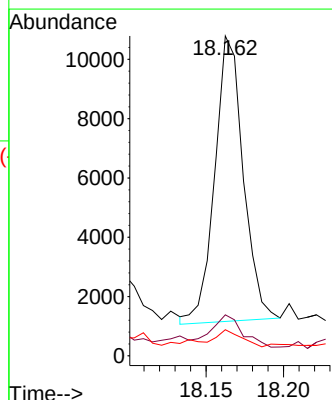
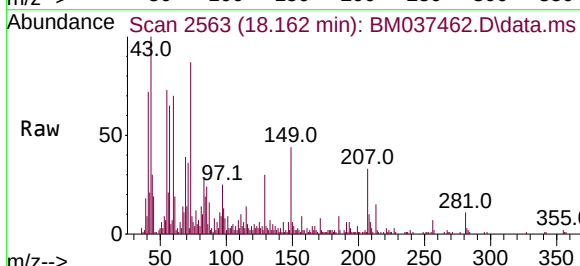
Tgt Ion:149 Resp: 12315

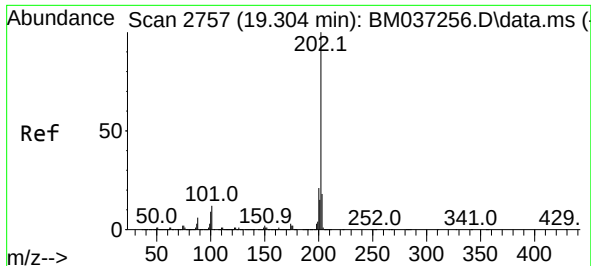
Ion Ratio Lower Upper

149 100

150 12.8 7.4 11.0#

104 8.2 4.0 6.0#

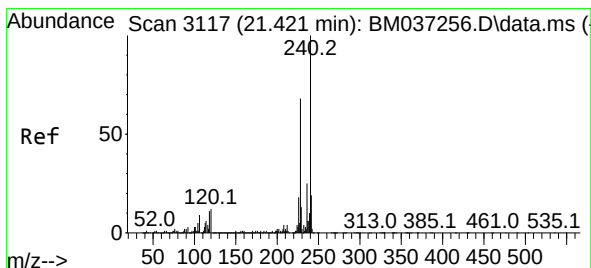
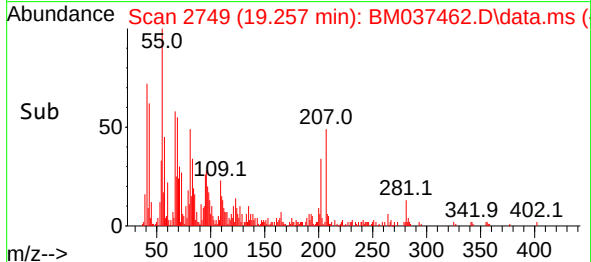
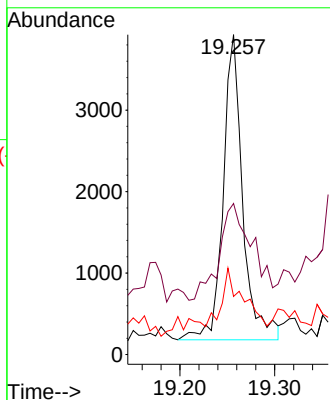
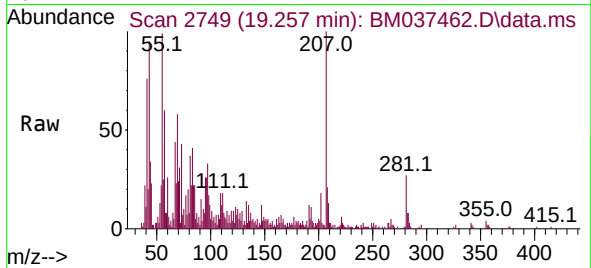




#75
Fluoranthene
Concen: 0.083 ng
RT: 19.257 min Scan# 21182
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

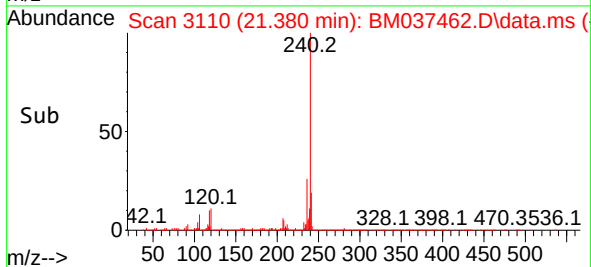
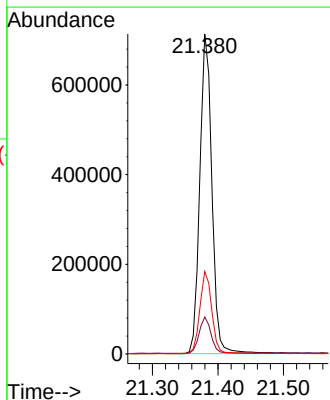
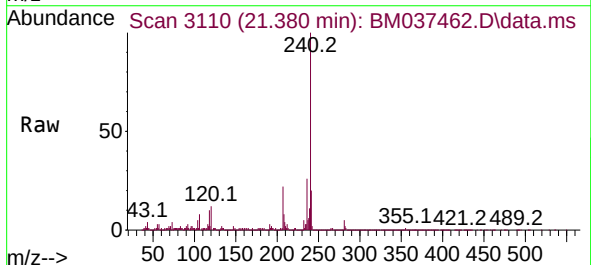
Instrument :
BNA_M
ClientSampleId :
2182

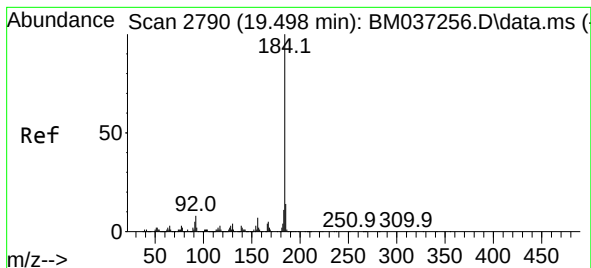
Tgt Ion:202 Resp: 5363
Ion Ratio Lower Upper
202 100
101 47.2 0.0 32.4#
203 18.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:240 Resp: 909753
Ion Ratio Lower Upper
240 100
120 11.5 9.9 14.9
236 25.7 20.3 30.5





#77

Benzidine

Concen: 0.056 ng

RT: 19.456 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

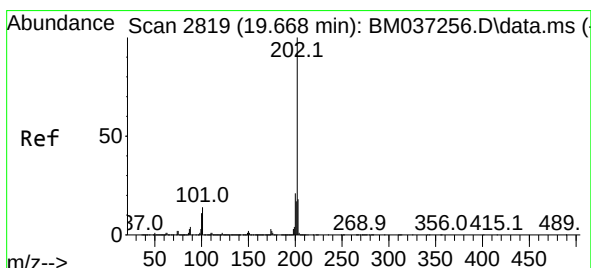
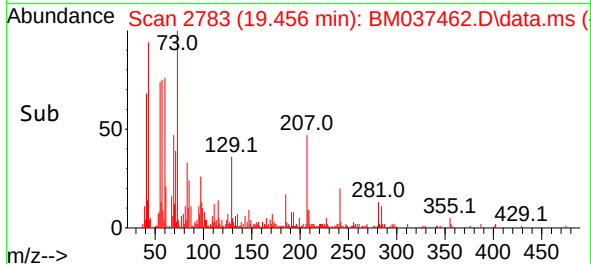
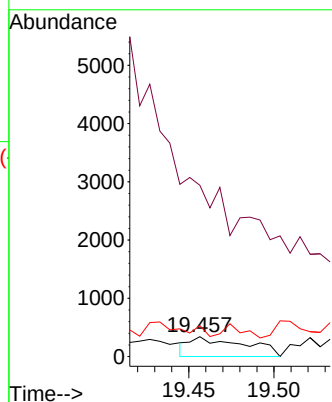
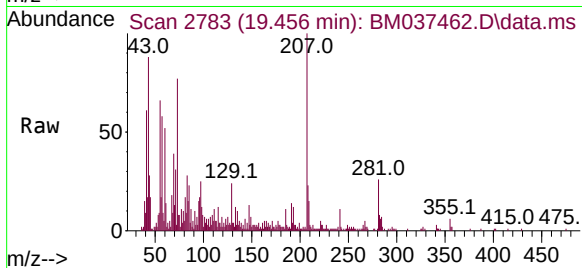
Tgt Ion:184 Resp: 756

Ion Ratio Lower Upper

184 100

185 862.2 11.3 16.9#

183 155.7 9.0 13.4#



#78

Pyrene

Concen: 0.071 ng

RT: 19.621 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

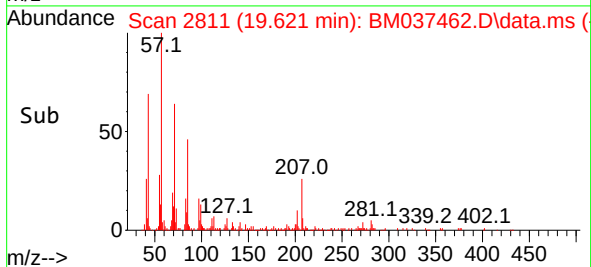
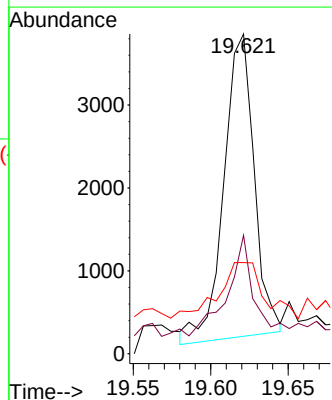
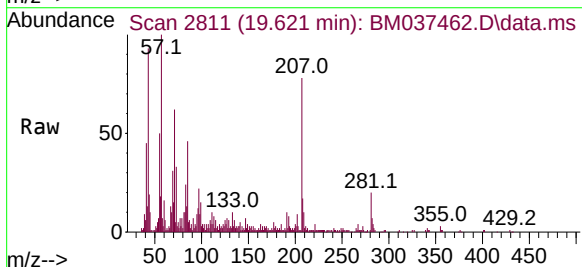
Tgt Ion:202 Resp: 4992

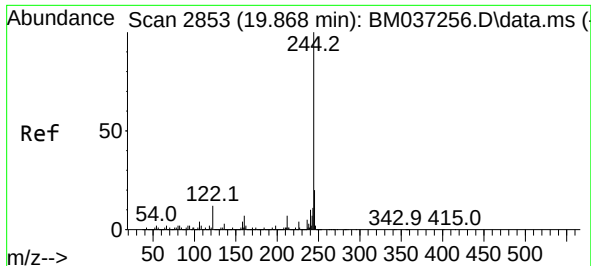
Ion Ratio Lower Upper

202 100

200 37.1 17.0 25.6#

203 28.5 14.1 21.1#

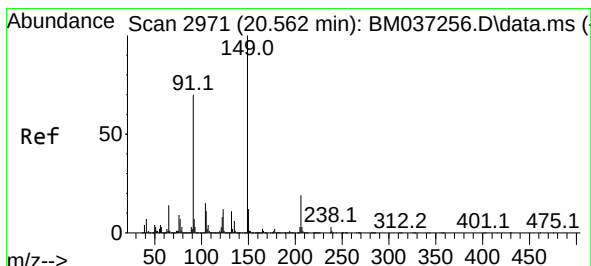
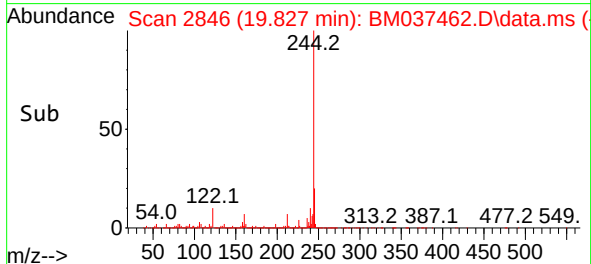
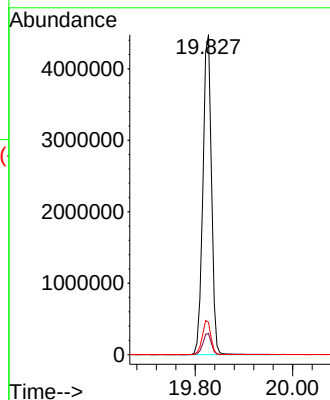
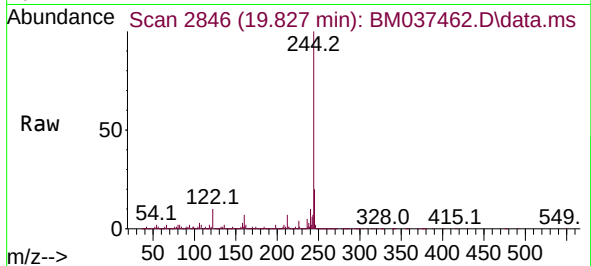




#79
 Terphenyl-d14
 Concen: 107.280 ng
 RT: 19.827 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: BM037462.D
 Acq: 11 Nov 2022 11:50

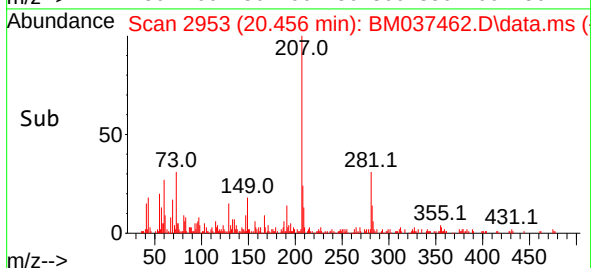
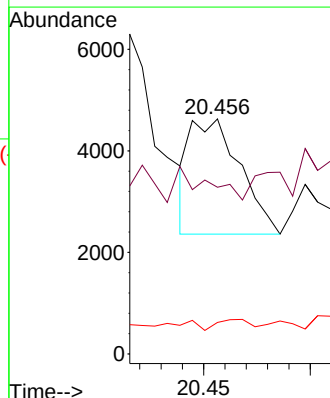
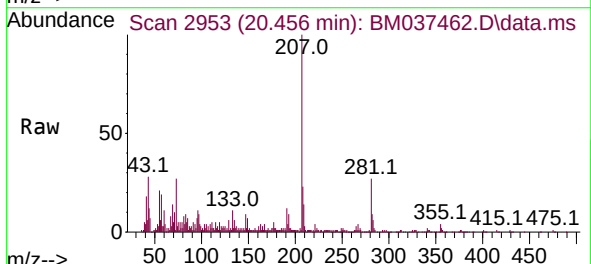
Instrument :
 BNA_M
 ClientSampleId :
 2182

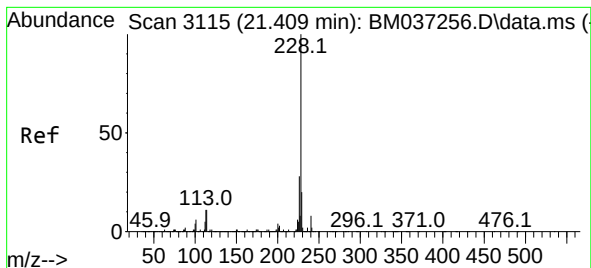
Tgt Ion:244 Resp: 5442462
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.1 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 0.148 ng
 RT: 20.456 min Scan# 2953
 Delta R.T. -0.065 min
 Lab File: BM037462.D
 Acq: 11 Nov 2022 11:50

Tgt Ion:149 Resp: 3706
 Ion Ratio Lower Upper
 149 100
 91 70.9 56.2 84.4
 206 13.4 15.4 23.0#





#81

Benzo(a)anthracene

Concen: 0.108 ng

RT: 21.368 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

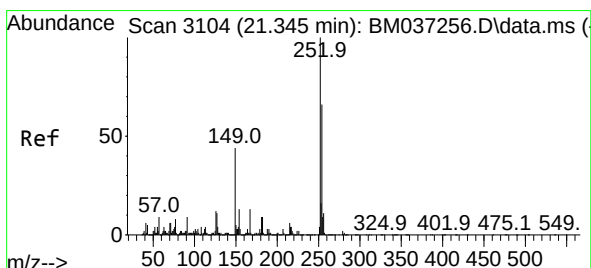
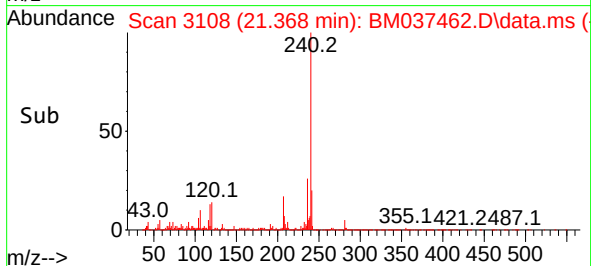
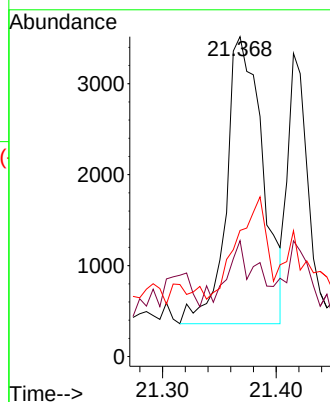
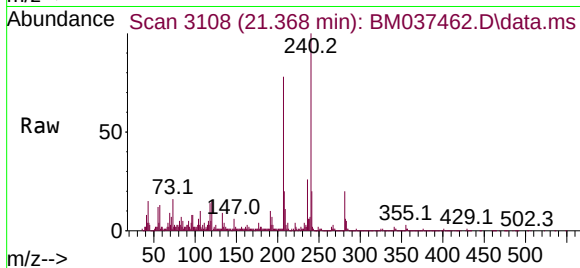
Tgt Ion:228 Resp: 7006

Ion Ratio Lower Upper

228 100

226 36.2 22.3 33.5#

229 39.4 16.2 24.2#



#82

3,3'-Dichlorobenzidine

Concen: 0.150 ng

RT: 21.315 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

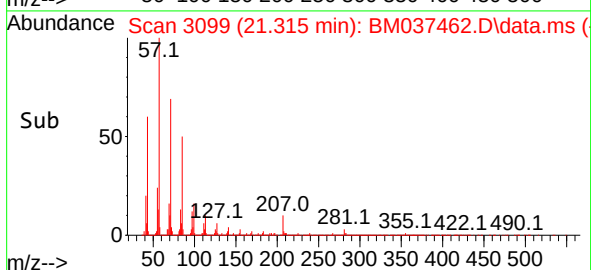
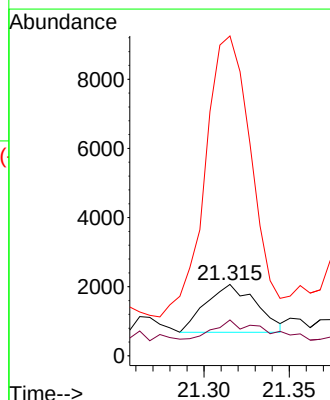
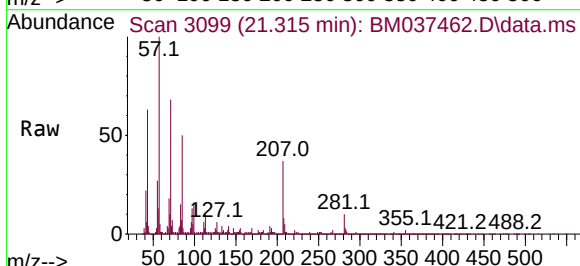
Tgt Ion:252 Resp: 2844

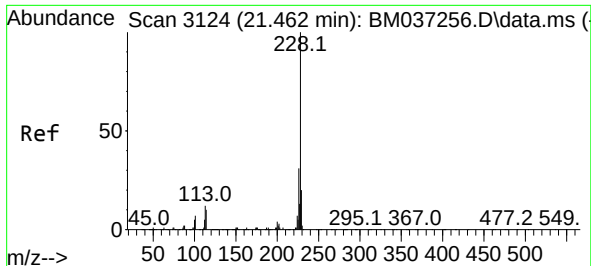
Ion Ratio Lower Upper

252 100

254 50.2 52.7 79.1#

126 447.5 9.8 14.6#

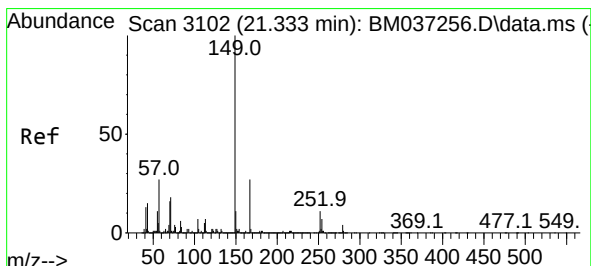
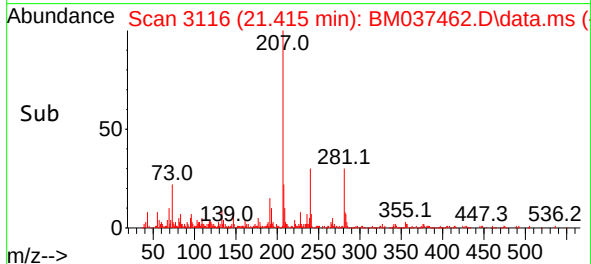
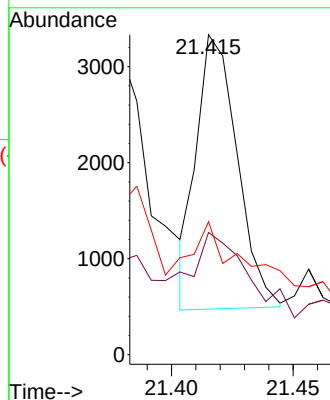
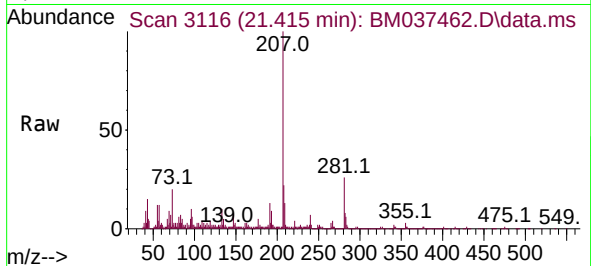




#83
Chrysene
Concen: 0.053 ng
RT: 21.415 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

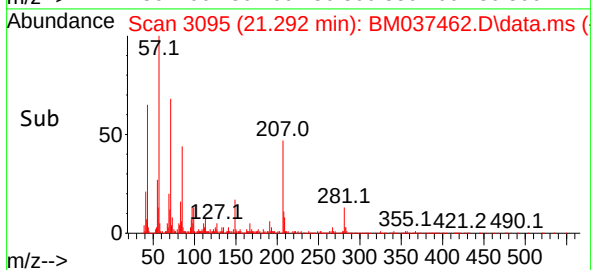
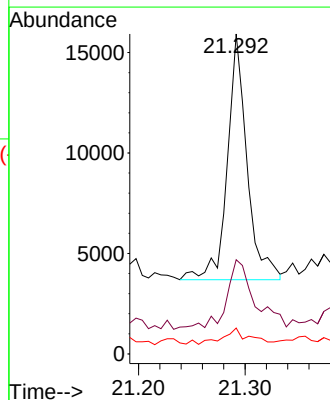
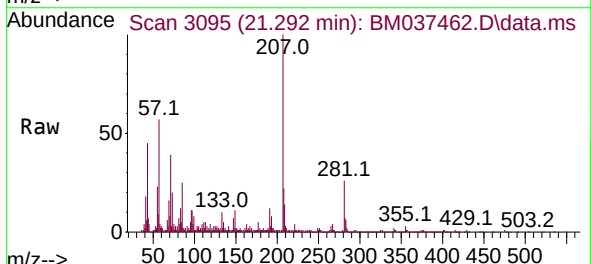
Instrument :
BNA_M
ClientSampleId :
2182

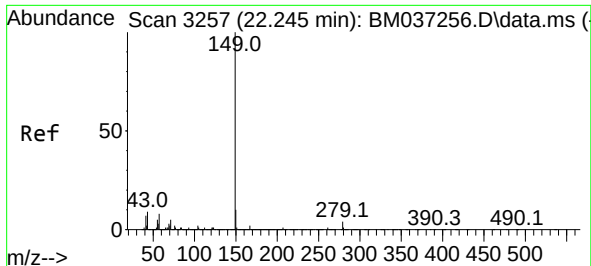
Tgt Ion:228 Resp: 3321
Ion Ratio Lower Upper
228 100
226 38.2 24.4 36.6#
229 41.5 16.0 24.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.469 ng
RT: 21.292 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:149 Resp: 15720
Ion Ratio Lower Upper
149 100
167 29.4 21.2 31.8
279 8.1 3.1 4.7#

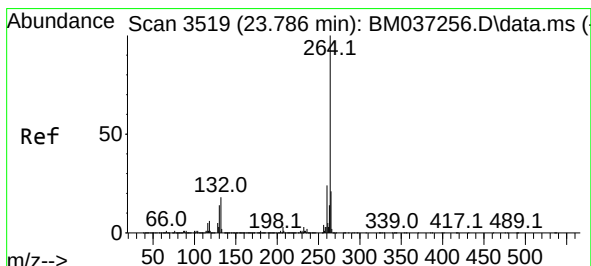
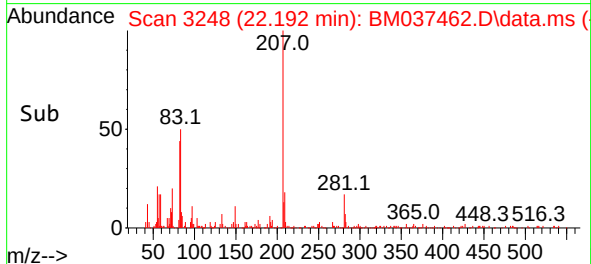
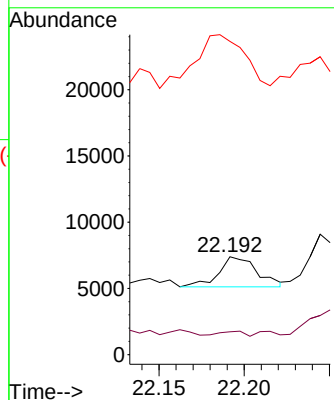
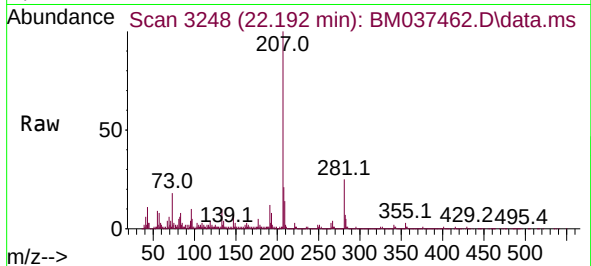




#85
Di-n-octyl phthalate
Concen: 0.067 ng
RT: 22.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

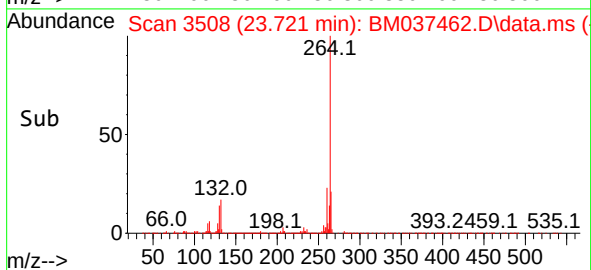
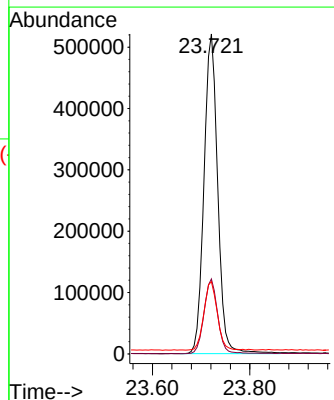
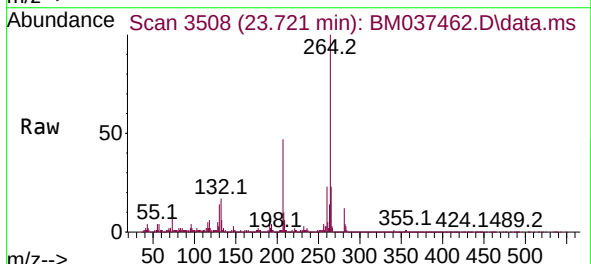
Instrument :
BNA_M
ClientSampleId :
2182

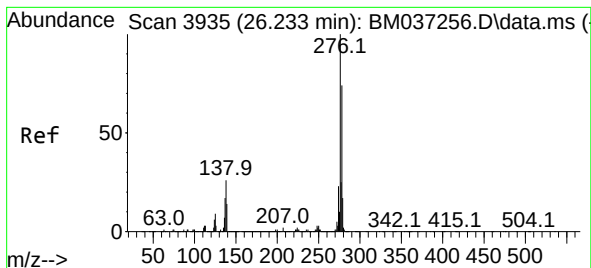
Tgt Ion:149 Resp: 3534
Ion Ratio Lower Upper
149 100
167 10.8 1.3 1.9#
43 0.0 8.0 12.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:264 Resp: 1020726
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 22.6 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng

RT: 26.133 min Scan# 3935

Delta R.T. -0.012 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

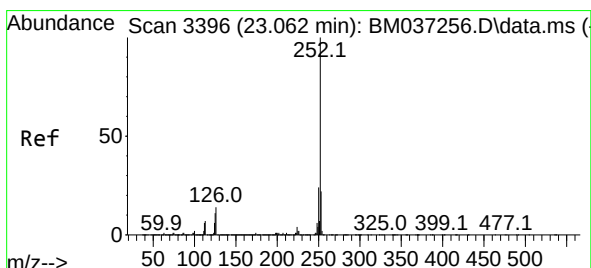
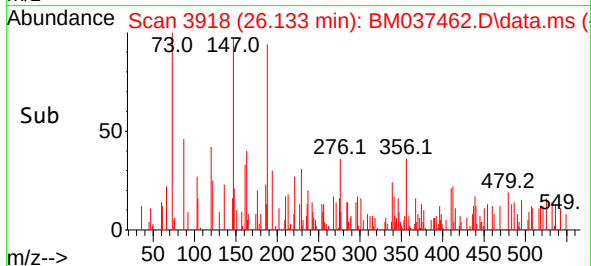
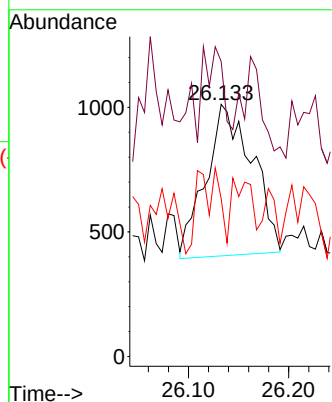
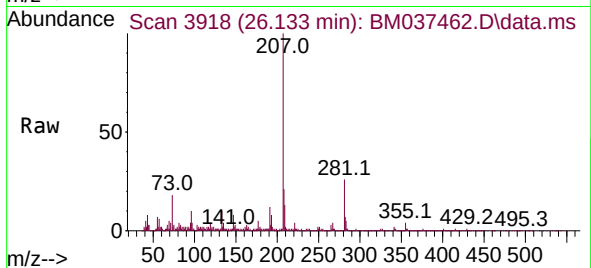
Tgt Ion:276 Resp: 1958

Ion Ratio Lower Upper

276 100

138 0.0 21.5 32.3#

277 17.7 20.1 30.1#



#88

Benzo(b)fluoranthene

Concen: 0.063 ng

RT: 23.015 min Scan# 3388

Delta R.T. 0.000 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

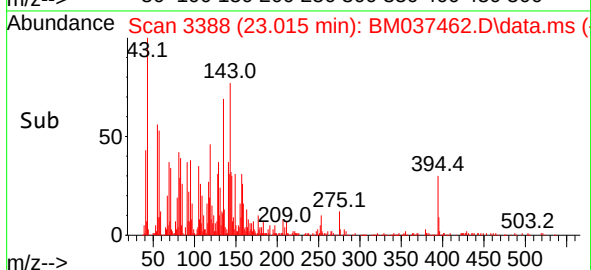
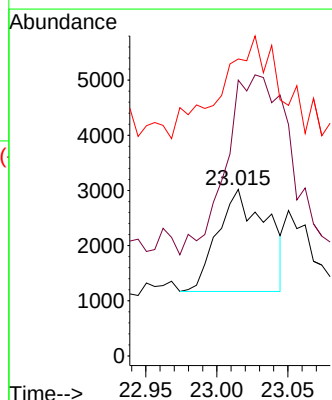
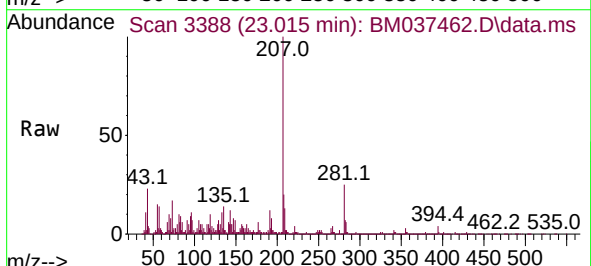
Tgt Ion:252 Resp: 4443

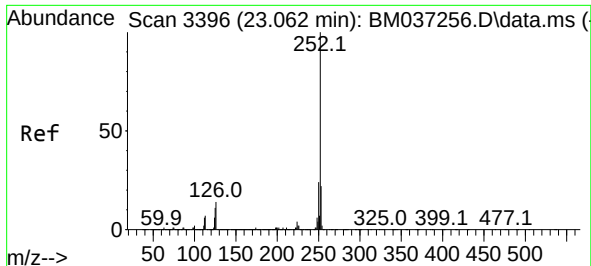
Ion Ratio Lower Upper

252 100

253 165.7 17.8 26.6#

125 178.4 9.1 13.7#

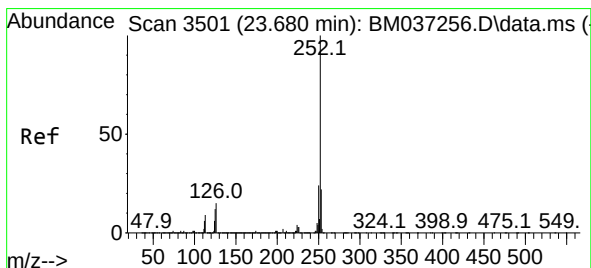
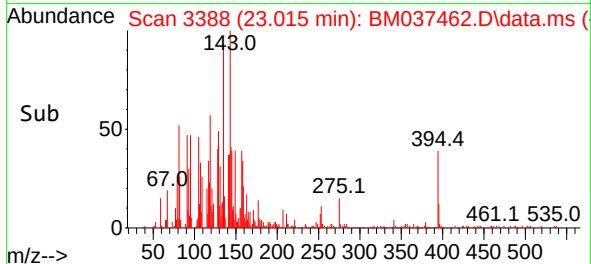
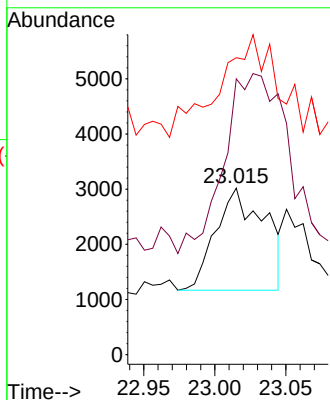
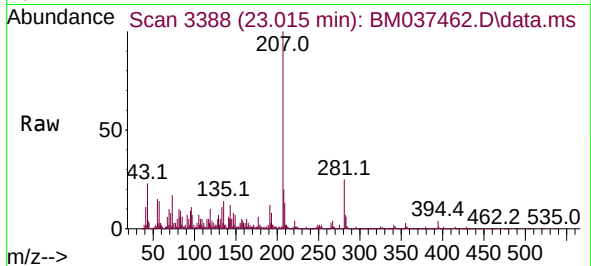




#89
Benzo(k)fluoranthene
Concen: 0.061 ng
RT: 23.015 min Scan# 31
Delta R.T. -0.047 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

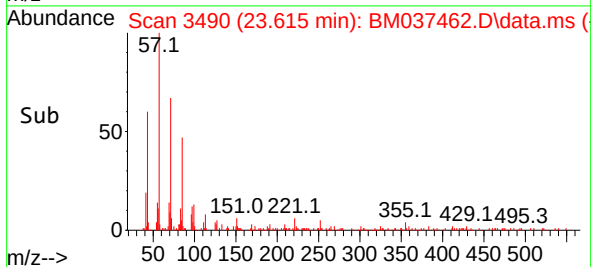
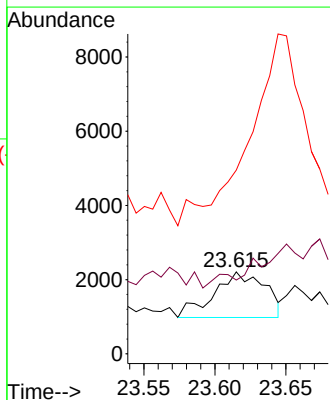
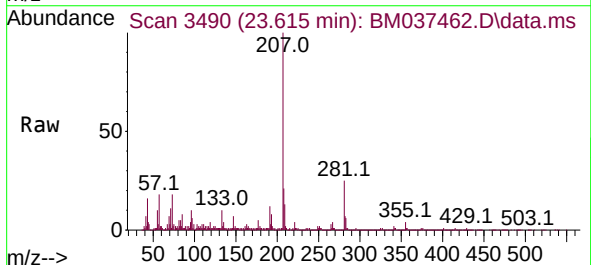
Instrument :
BNA_M
ClientSampleId :
2182

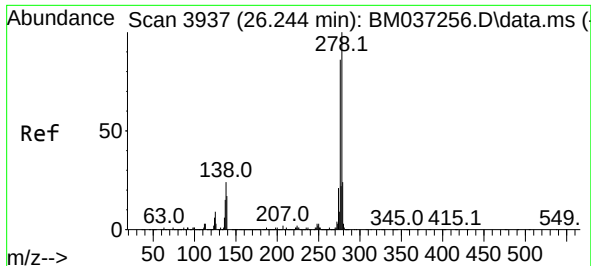
Tgt Ion:252 Resp: 4443
Ion Ratio Lower Upper
252 100
253 165.7 17.8 26.6#
125 178.4 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 0.053 ng
RT: 23.615 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:252 Resp: 3076
Ion Ratio Lower Upper
252 100
253 90.0 17.4 26.2#
125 224.1 9.9 14.9#

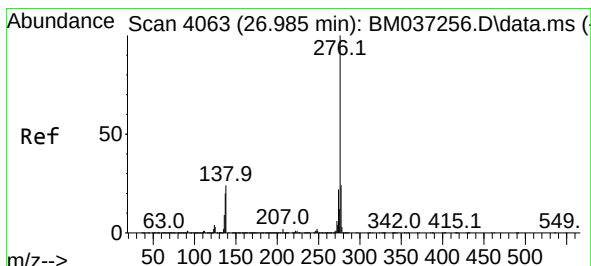
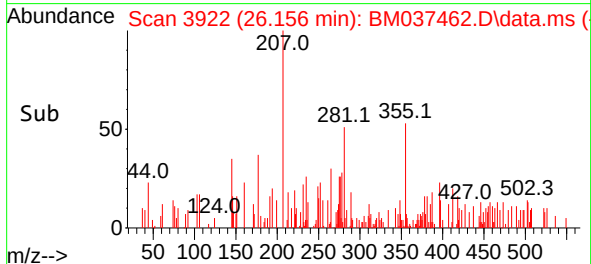
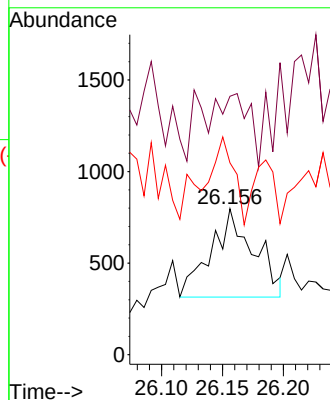
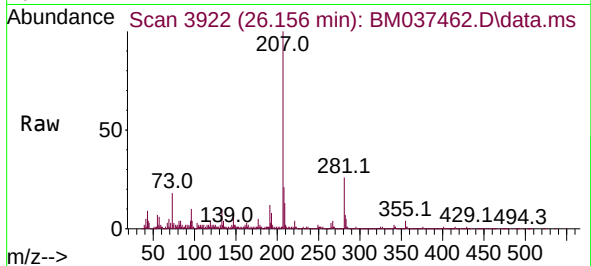




#91
 Dibenzo(a,h)anthracene
 Concen: 0.017 ng
 RT: 26.156 min Scan# 39
 Delta R.T. -0.006 min
 Lab File: BM037462.D
 Acq: 11 Nov 2022 11:50

Instrument :
 BNA_M
 ClientSampleId :
 2182

Tgt Ion: 278 Resp: 1171
 Ion Ratio Lower Upper
 278 100
 139 177.0 13.8 20.8#
 279 131.5 19.0 28.6#



#92
 Benzo(g,h,i)perylene
 Concen: 0.018 ng
 RT: 26.880 min Scan# 4045
 Delta R.T. -0.006 min
 Lab File: BM037462.D
 Acq: 11 Nov 2022 11:50

Tgt Ion: 276 Resp: 1206
 Ion Ratio Lower Upper
 276 100
 277 48.0 19.4 29.2#
 138 75.9 18.9 28.3#

