

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042682.D
 Acq On : 09 Nov 2023 21:34
 Operator : MA/JU
 Sample : 05270-01MS 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MS

Quant Time: Nov 09 23:55:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	46252	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	182191	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	120265	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	279076	20.000	ng	0.00
76) Chrysene-d12	21.439	240	299081	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	352082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	46661	16.282	ng	0.00
7) Phenol-d6	7.004	99	62270	15.843	ng	0.00
23) Nitrobenzene-d5	9.045	82	46889	11.997	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	30425	19.377	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	97459	10.904	ng	0.00
79) Terphenyl-d14	19.868	244	176793	10.023	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	8994	6.585	ng	# 82
3) Pyridine	3.657	79	23342	5.958	ng	# 91
4) n-Nitrosodimethylamine	3.587	42	20734	10.997	ng	# 73
6) Aniline	7.187	93	29654	5.935	ng	95
8) 2-Chlorophenol	7.398	128	26760	8.660	ng	98
9) Benzaldehyde	7.016	77	6857	3.027	ng	90
10) Phenol	7.034	94	34814	8.721	ng	84
11) bis(2-Chloroethyl)ether	7.287	93	26462	7.836	ng	94
12) 1,3-Dichlorobenzene	7.722	146	30014	8.987	ng	95
13) 1,4-Dichlorobenzene	7.881	146	30324	8.971	ng	93
14) 1,2-Dichlorobenzene	8.192	146	29197	8.947	ng	98
15) Benzyl Alcohol	8.110	79	26803	9.632	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.375	45	48556	9.035	ng	95
17) 2-Methylphenol	8.298	107	23872	8.446	ng	93
18) Hexachloroethane	8.898	117	12823	9.696	ng	96
19) n-Nitroso-di-n-propyla...	8.657	70	23988	8.627	ng	91
20) 3+4-Methylphenols	8.628	107	30204	7.993	ng	95
22) Acetophenone	8.698	105	41650	9.064	ng	# 93
24) Nitrobenzene	9.087	77	35732	9.282	ng	99
25) Isophorone	9.592	82	63605	9.195	ng	# 97
26) 2-Nitrophenol	9.792	139	12436	10.558	ng	# 93
27) 2,4-Dimethylphenol	9.834	122	21542	8.140	ng	91
28) bis(2-Chloroethoxy)met...	10.086	93	34546	8.289	ng	98
29) 2,4-Dichlorophenol	10.316	162	25804	9.854	ng	97
30) 1,2,4-Trichlorobenzene	10.510	180	29663	10.337	ng	95
31) Naphthalene	10.710	128	87581	9.304	ng	100
32) Benzoic acid	9.934	122	15282	10.603	ng	88
33) 4-Chloroaniline	10.863	127	25132	6.847	ng	95
34) Hexachlorobutadiene	10.933	225	20250	11.623	ng	99
35) Caprolactam	11.675	113	7191	7.816	ng	# 90
36) 4-Chloro-3-methylphenol	11.963	107	27262	9.148	ng	99
37) 2-Methylnaphthalene	12.322	142	58696	8.854	ng	# 95
38) 1-Methylnaphthalene	12.322	142	58696	9.407	ng	97
40) 1,2,4,5-Tetrachloroben...	12.675	216	36524	10.166	ng	98
41) Hexachlorocyclopentadiene	12.616	237	3840	7.745	ng	95
43) 2,4,6-Trichlorophenol	12.933	196	21633	9.401	ng	98

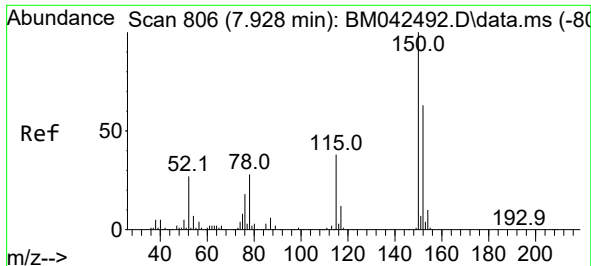
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	23975	8.755	ng	97
46) 1,1'-Biphenyl	13.333	154	78250	8.512	ng	98
47) 2-Chloronaphthalene	13.380	162	62141	9.214	ng	98
48) 2-Nitroaniline	13.627	65	20981	11.364	ng	88
49) Acenaphthylene	14.227	152	130499	11.683	ng	99
50) Dimethylphthalate	13.969	163	75577	8.408	ng	99
51) 2,6-Dinitrotoluene	14.116	165	15829	8.545	ng	# 82
52) Acenaphthene	14.563	154	63292	9.337	ng	98
53) 3-Nitroaniline	14.463	138	12980	10.033	ng	93
54) 2,4-Dinitrophenol	14.674	184	2287	9.319	ng	88
55) Dibenzofuran	14.898	168	106772	9.688	ng	95
56) 4-Nitrophenol	14.763	139	21010	18.350	ng	85
57) 2,4-Dinitrotoluene	14.904	165	20484	10.664	ng	# 85
58) Fluorene	15.551	166	90761	10.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	23570	10.219	ng	98
60) Diethylphthalate	15.316	149	77261	8.484	ng	99
61) 4-Chlorophenyl-phenyle...	15.539	204	41531	9.219	ng	96
62) 4-Nitroaniline	15.716	138	578	6.013	ng	95
63) Azobenzene	15.833	77	92499	9.218	ng	89
65) 4,6-Dinitro-2-methylph...	15.657	198	2981	7.294	ng	# 82
66) n-Nitrosodiphenylamine	15.768	169	66424	8.441	ng	97
67) 4-Bromophenyl-phenylether	16.439	248	26013	9.322	ng	95
68) Hexachlorobenzene	16.521	284	31417	10.177	ng	94
69) Atrazine	16.715	200	26809	11.791	ng	98
70) Pentachlorophenol	16.886	266	37893	16.696	ng	98
71) Phenanthrene	17.298	178	242323	16.615	ng	99
72) Anthracene	17.386	178	166266	11.510	ng	98
73) Carbazole	17.680	167	122588	10.431	ng	99
74) Di-n-butylphthalate	18.198	149	145493	8.816	ng	# 98
75) Fluoranthene	19.309	202	491201	28.672	ng	98
77) Benzidine	19.527	184	48915	17.050	ng	95
78) Pyrene	19.680	202	474378	23.099	ng	99
80) Butylbenzylphthalate	20.562	149	72970	8.319	ng	97
81) Benzo(a)anthracene	21.421	228	346423	18.205	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	58006	9.591	ng	99
83) Chrysene	21.474	228	322228	16.670	ng	98
84) Bis(2-ethylhexyl)phtha...	21.303	149	107052	8.076	ng	99
85) Di-n-octyl phthalate	22.221	149	190154	8.334	ng	# 89
87) Indeno(1,2,3-cd)pyrene	26.285	276	309218	14.756	ng	# 91
88) Benzo(b)fluoranthene	23.080	252	360566	18.382	ng	98
89) Benzo(k)fluoranthene	23.080	252	360566	16.496	ng	98
90) Benzo(a)pyrene	23.597	252	96859	5.016	ng	97
91) Dibenzo(a,h)anthracene	26.303	278	188824	13.057	ng	# 95
92) Benzo(g,h,i)perylene	27.068	276	263647	14.275	ng	# 95

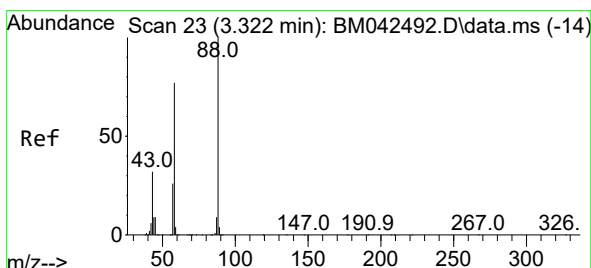
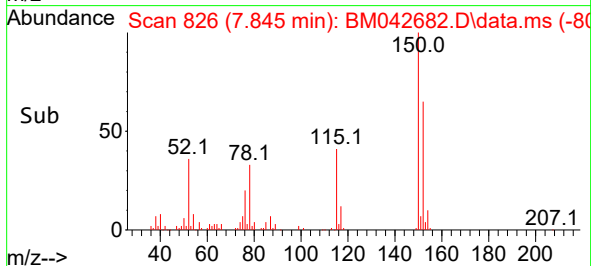
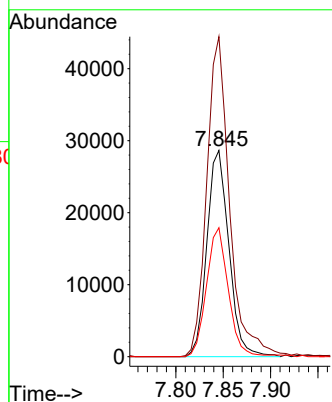
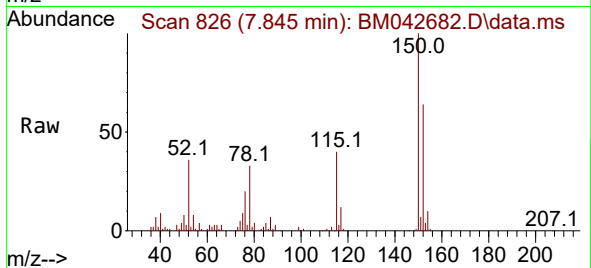
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 81
Delta R.T. 0.000 min
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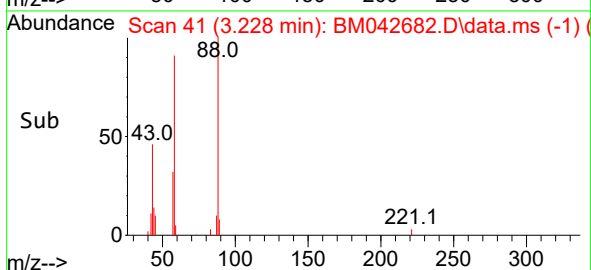
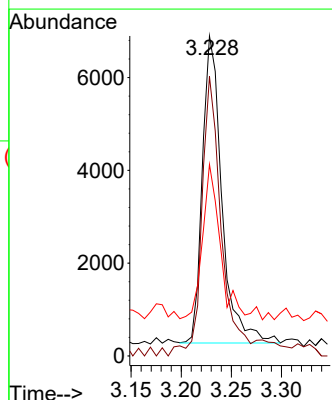
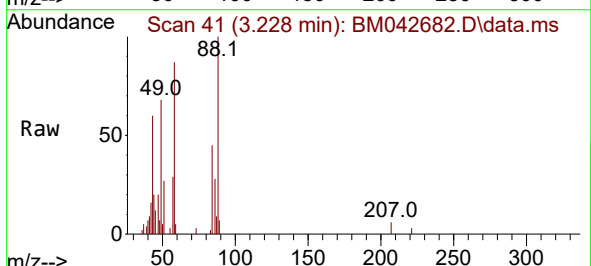
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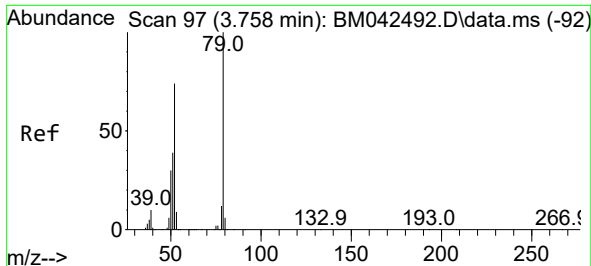
Tgt Ion:152 Resp: 46252
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.0
115 62.5 47.9 71.9



#2
1,4-Dioxane
Concen: 6.585 ng
RT: 3.228 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion: 88 Resp: 8994
Ion Ratio Lower Upper
88 100
58 92.4 62.6 93.8
43 45.7 26.5 39.7

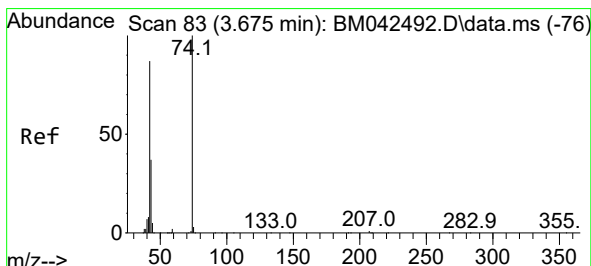
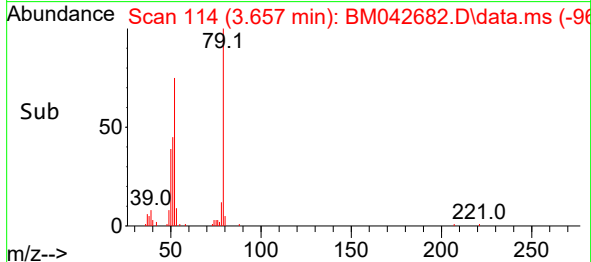
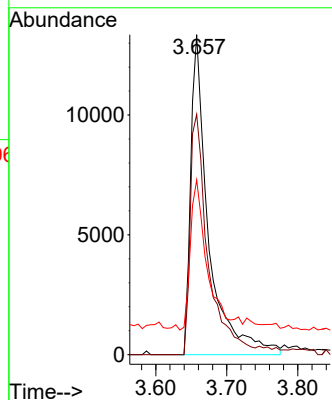
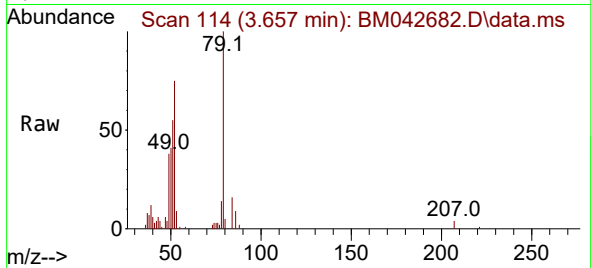




#3
 Pyridine
 Concen: 5.958 ng
 RT: 3.657 min Scan# 114
 Delta R.T. 0.006 min
 Lab File: BM042682.D
 Acq: 09 Nov 2023 21:34

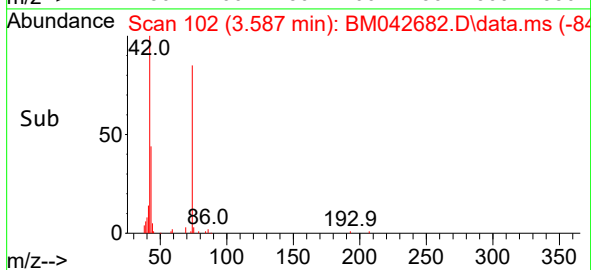
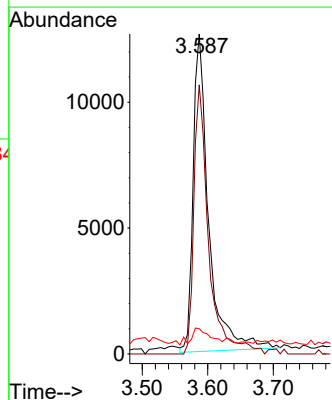
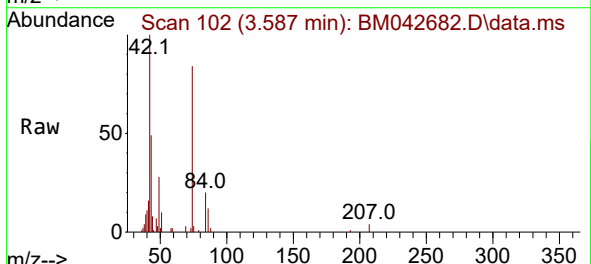
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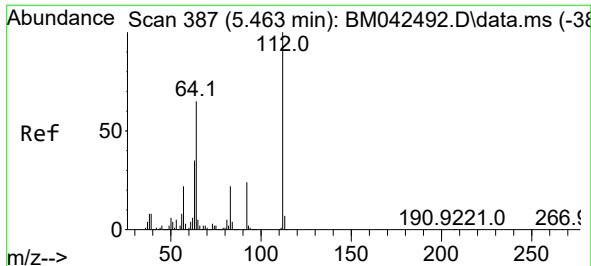
Tgt Ion: 79 Resp: 23342
 Ion Ratio Lower Upper
 79 100
 52 75.1 59.3 88.9
 51 54.6 32.7 49.1#



#4
 n-Nitrosodimethylamine
 Concen: 10.997 ng
 RT: 3.587 min Scan# 102
 Delta R.T. 0.006 min
 Lab File: BM042682.D
 Acq: 09 Nov 2023 21:34

Tgt Ion: 42 Resp: 20734
 Ion Ratio Lower Upper
 42 100
 74 84.1 92.2 138.2#
 44 7.9 5.1 7.7#

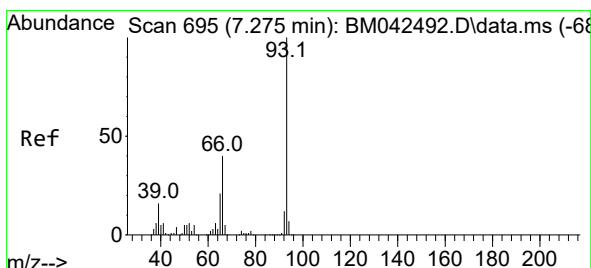
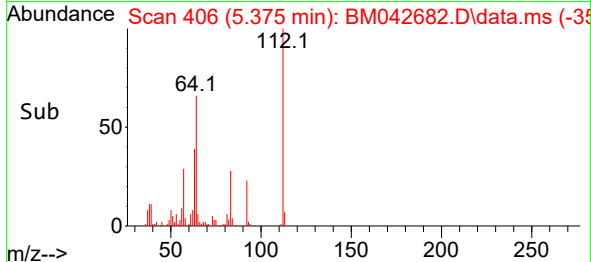
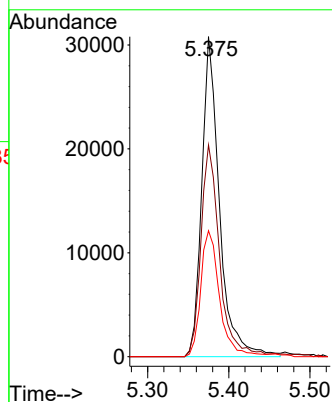
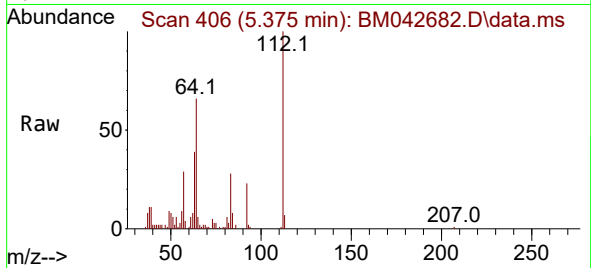




#5
2-Fluorophenol
Concen: 16.282 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

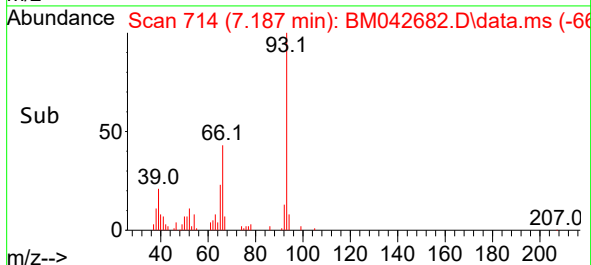
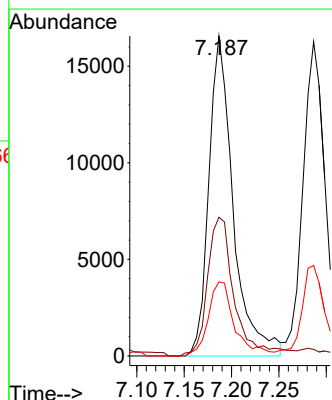
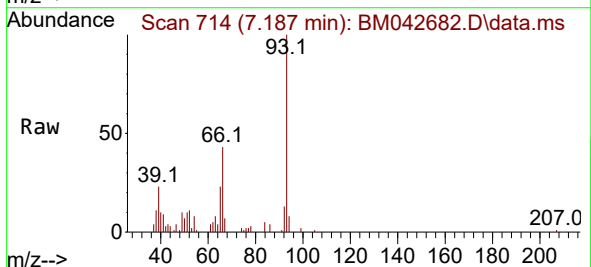
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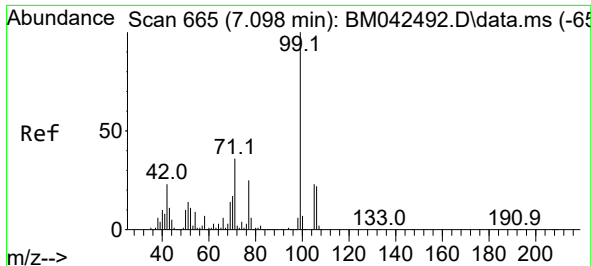
Tgt Ion:	112	Resp:	46661
Ion Ratio	Lower	Upper	
112	100		
64	66.2	52.1	78.1
63	39.3	28.3	42.5



#6
Aniline
Concen: 5.935 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:	93	Resp:	29654
Ion Ratio	Lower	Upper	
93	100		
66	43.4	32.2	48.2
65	23.1	17.0	25.6

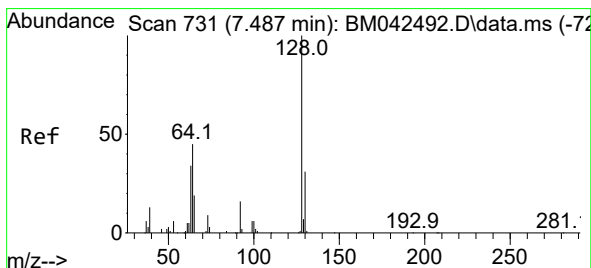
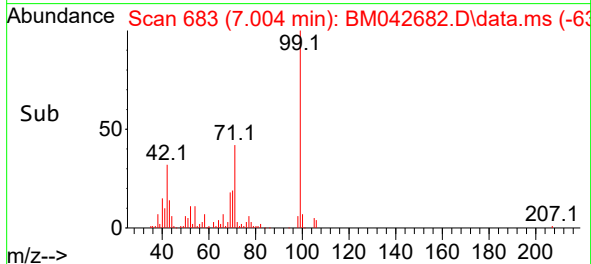
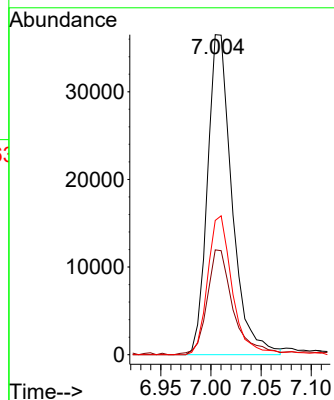
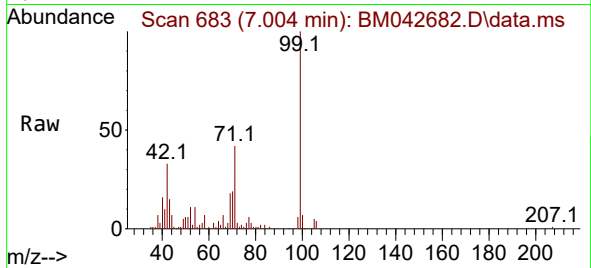




#7
Phenol-d6
Concen: 15.843 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

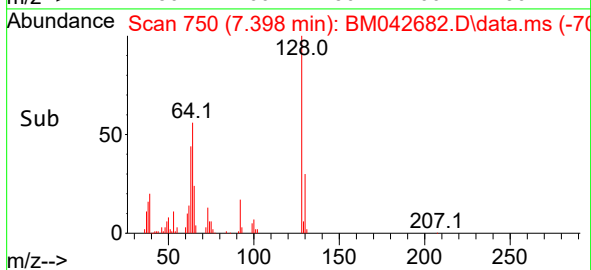
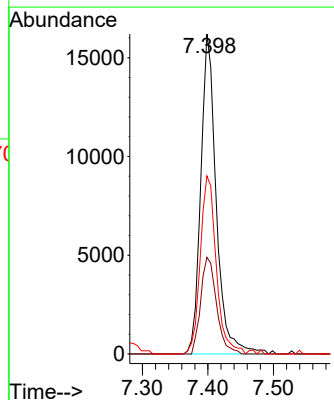
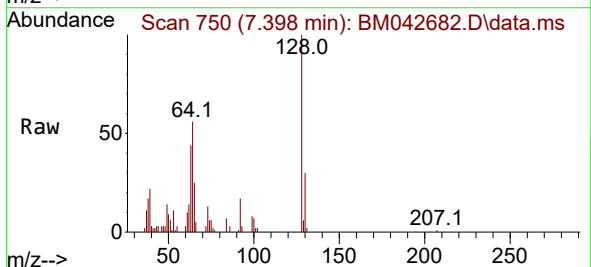
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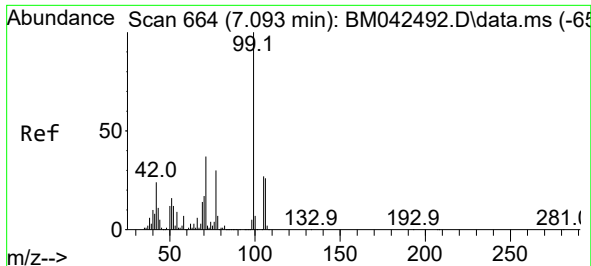
Tgt Ion: 99 Resp: 62270
Ion Ratio Lower Upper
99 100
42 32.7 18.7 28.1#
71 42.0 29.1 43.7



#8
2-Chlorophenol
Concen: 8.660 ng
RT: 7.398 min Scan# 750
Delta R.T. -0.006 min
Lab File: BM042682.D
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Tgt Ion: 128 Resp: 26760
Ion Ratio Lower Upper
128 100
130 30.2 11.2 51.2
64 55.6 34.4 74.4

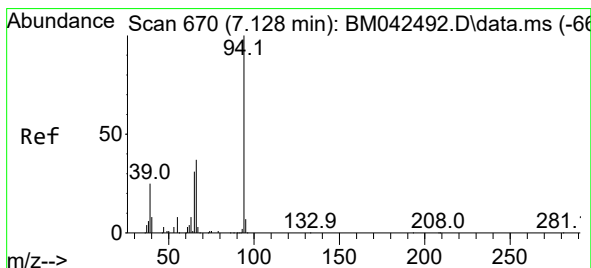
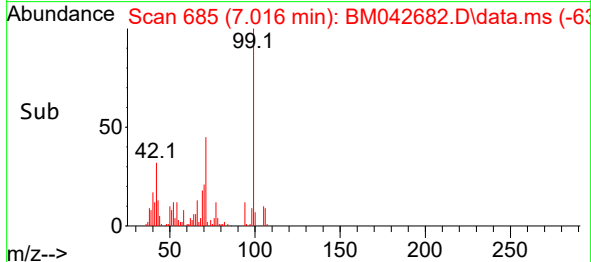
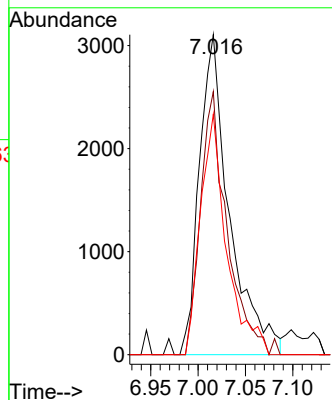
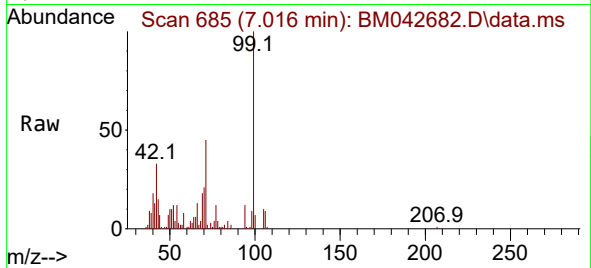




#9
Benzaldehyde
Concen: 3.027 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

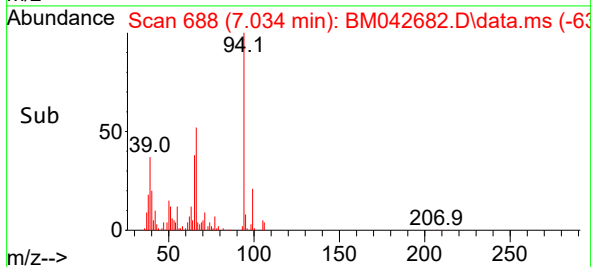
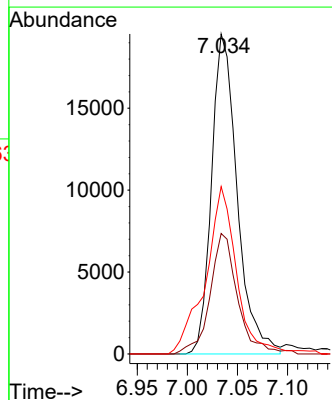
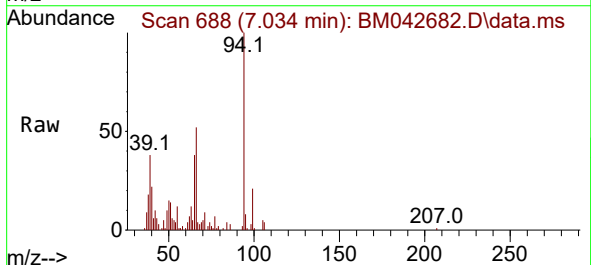
Instrument :
BNA_M
ClientSampleId :
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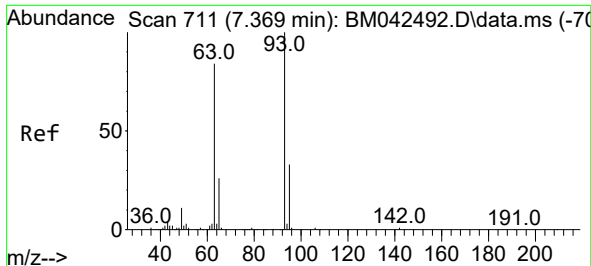
Tgt Ion: 77 Resp: 6857
Ion Ratio Lower Upper
77 100
105 82.2 69.7 109.7
106 75.1 66.4 106.4



#10
Phenol
Concen: 8.721 ng
RT: 7.034 min Scan# 688
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion: 94 Resp: 34814
Ion Ratio Lower Upper
94 100
65 37.7 11.5 51.5
66 52.3 20.0 60.0

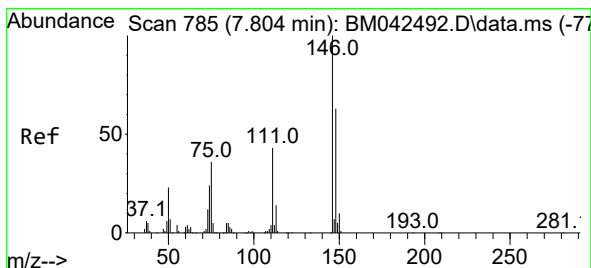
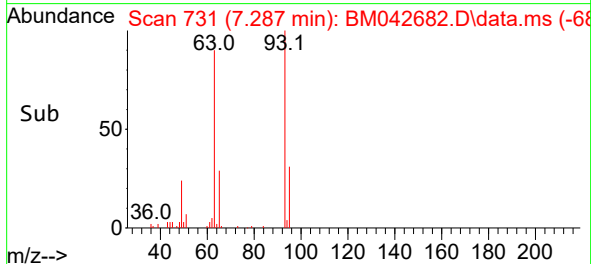
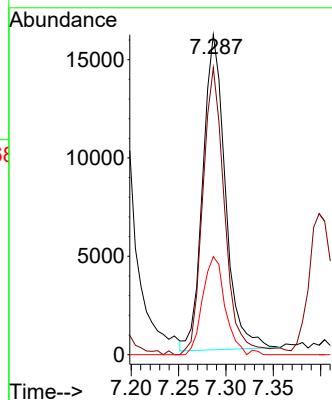
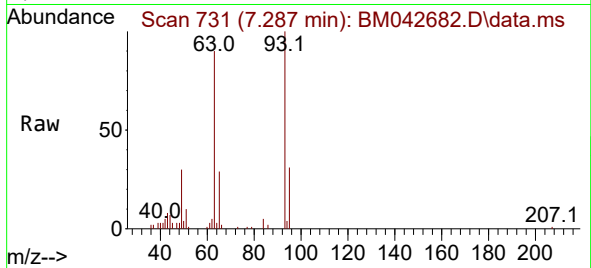




#11
bis(2-Chloroethyl)ether
Concen: 7.836 ng
RT: 7.287 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

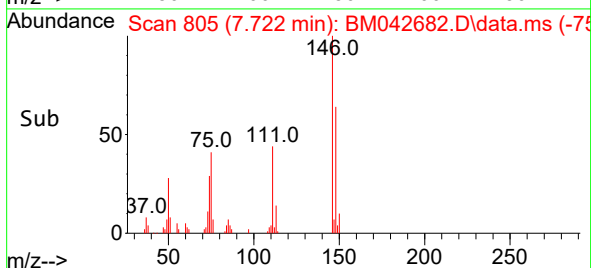
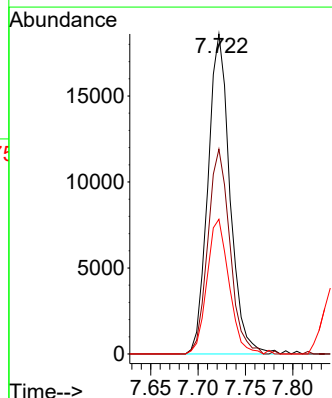
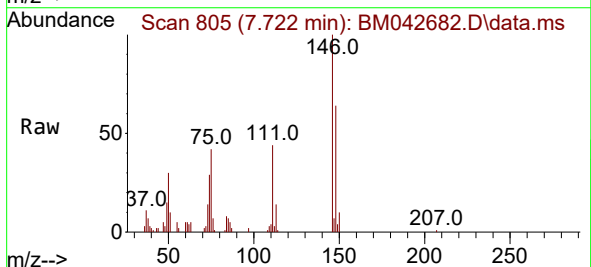
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

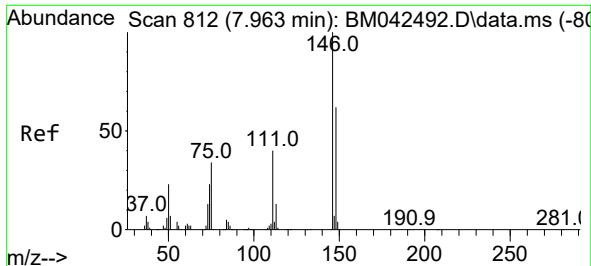
Tgt Ion: 93 Resp: 26462
Ion Ratio Lower Upper
93 100
63 89.7 63.2 103.2
95 30.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 8.987 ng
RT: 7.722 min Scan# 805
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion: 146 Resp: 30014
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
75 42.1 28.9 43.3

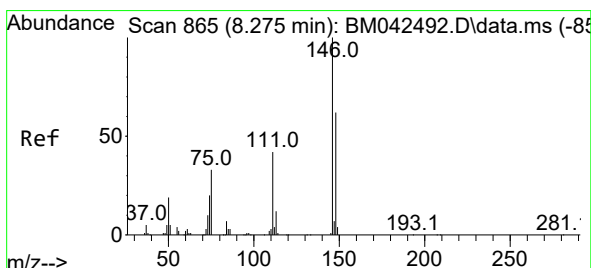
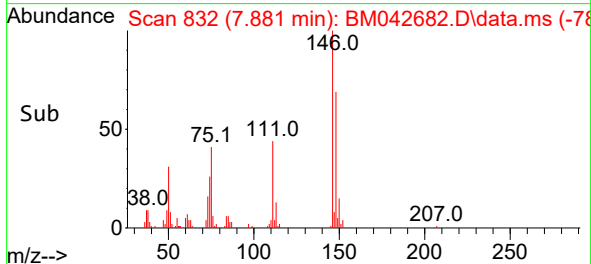
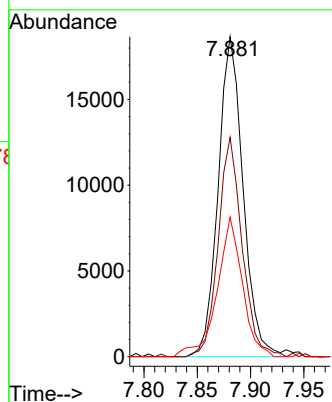
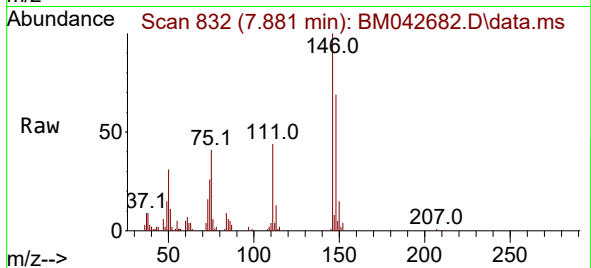




#13
1,4-Dichlorobenzene
Concen: 8.971 ng
RT: 7.881 min Scan# 812
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

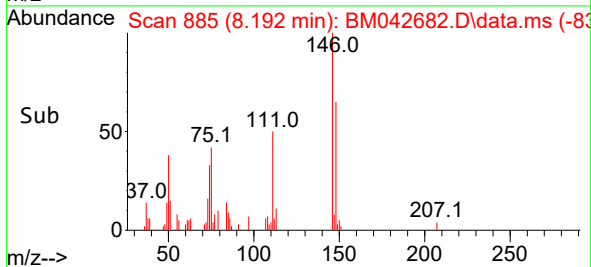
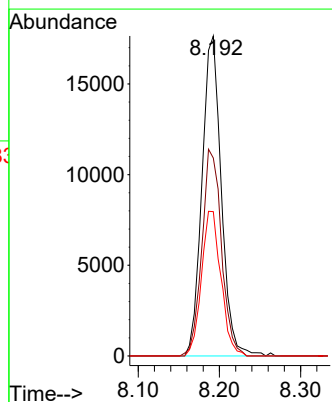
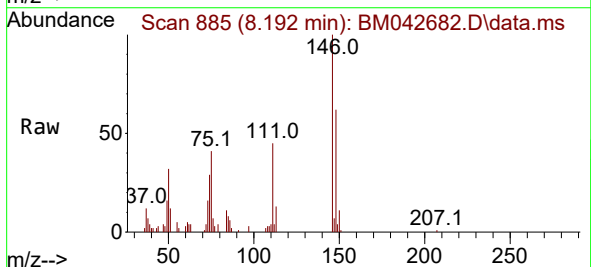
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

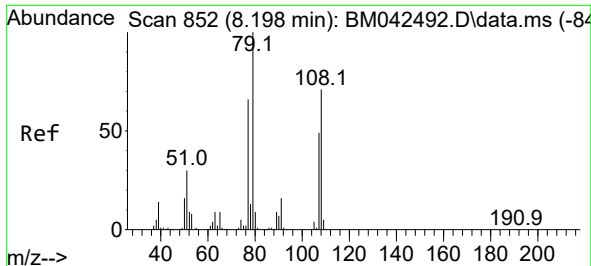
Tgt Ion:146 Resp: 30324
Ion Ratio Lower Upper
146 100
148 68.5 50.0 75.0
111 43.6 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 8.947 ng
RT: 8.192 min Scan# 885
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:146 Resp: 29197
Ion Ratio Lower Upper
146 100
148 61.8 50.0 75.0
111 45.1 34.5 51.7

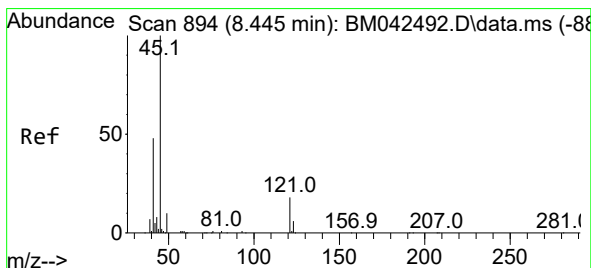
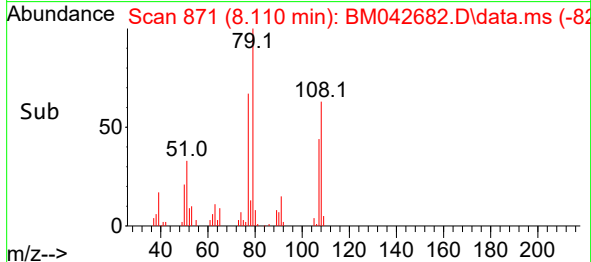
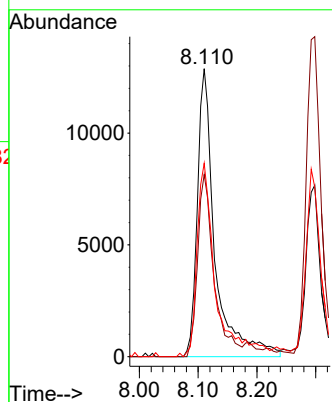
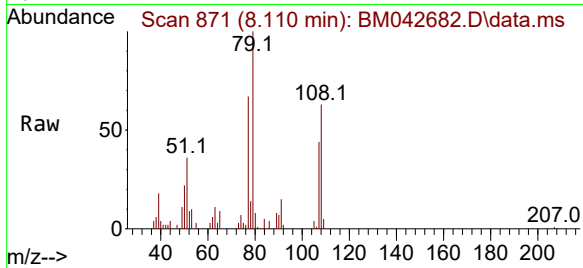




#15
Benzyl Alcohol
Concen: 9.632 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

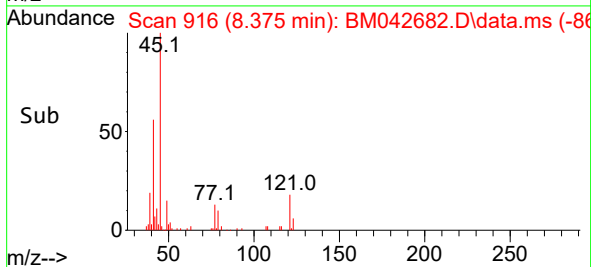
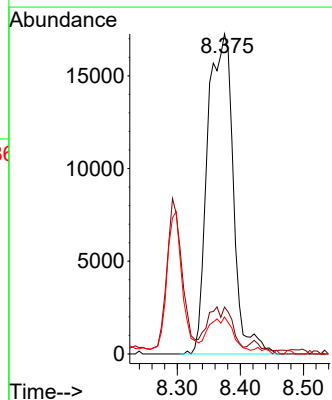
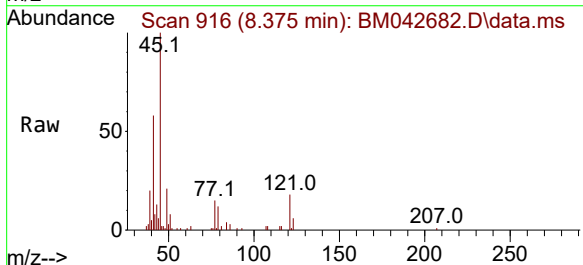
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

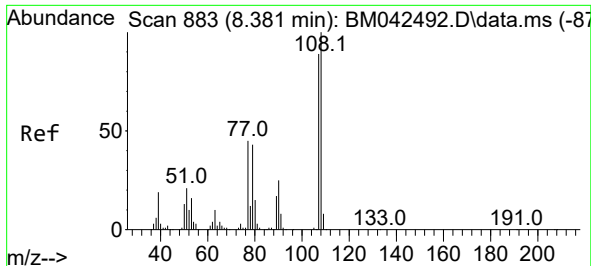
Tgt Ion: 79 Resp: 26803
Ion Ratio Lower Upper
79 100
108 63.3 56.8 85.2
77 67.2 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.035 ng
RT: 8.375 min Scan# 916
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion: 45 Resp: 48556
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.0
79 11.5 0.0 29.5

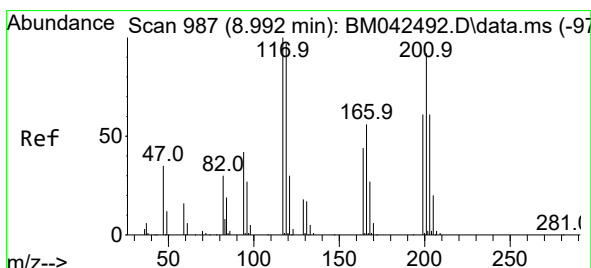
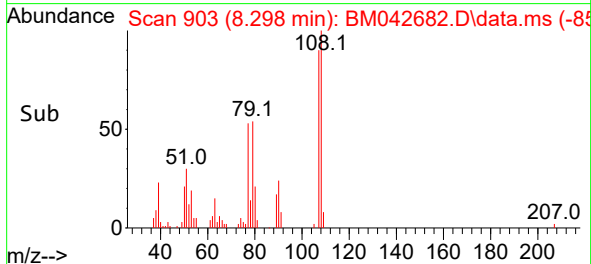
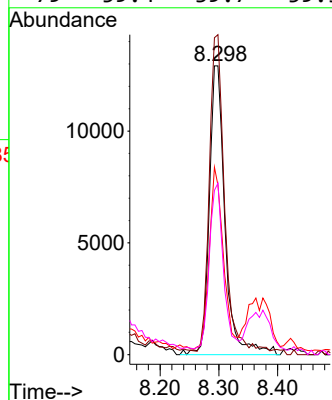
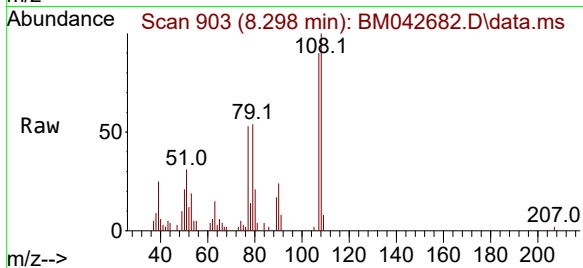




#17
2-Methylphenol
Concen: 8.446 ng
RT: 8.298 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

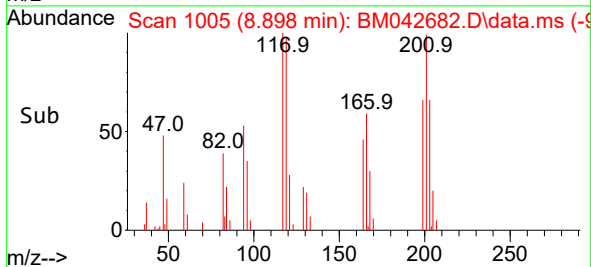
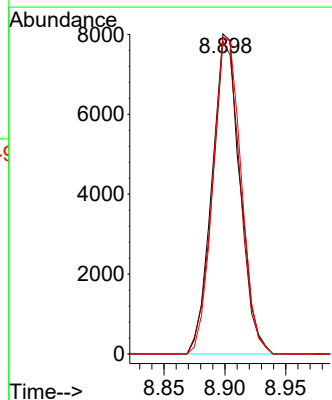
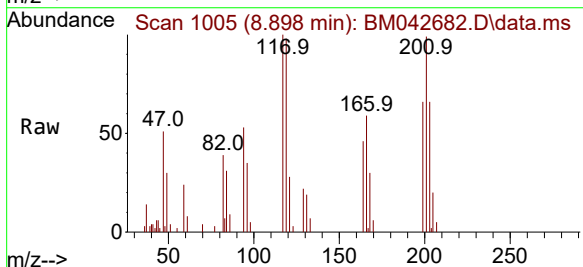
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

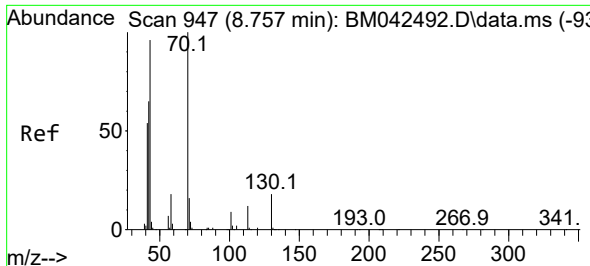
Tgt Ion:	107	Resp:	23872
Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.4	135.6
77	58.6	40.6	60.8
79	59.4	39.7	59.5



#18
Hexachloroethane
Concen: 9.696 ng
RT: 8.898 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:	117	Resp:	12823
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.9	116.9
201	99.1	73.7	110.5

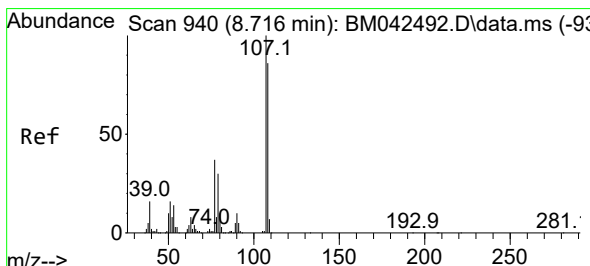
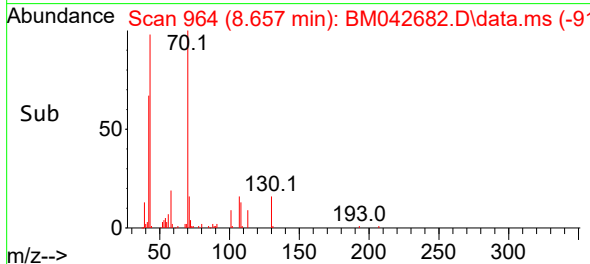
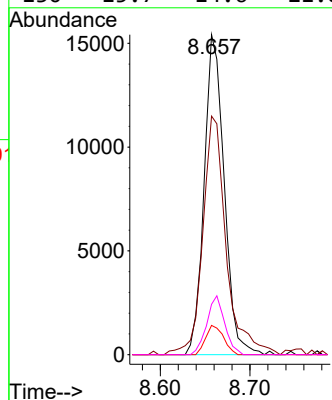
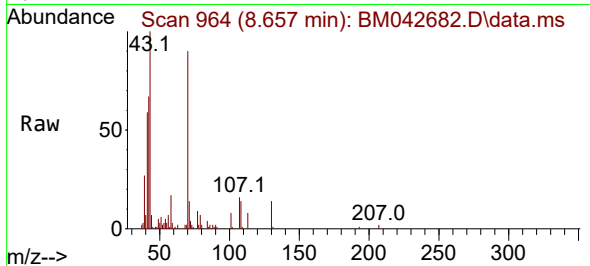




#19
n-Nitroso-di-n-propylamine
Concen: 8.627 ng
RT: 8.657 min Scan# 910
Delta R.T. -0.012 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

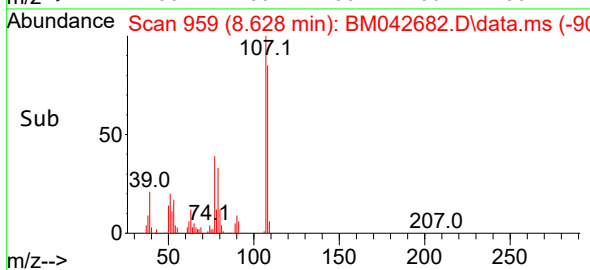
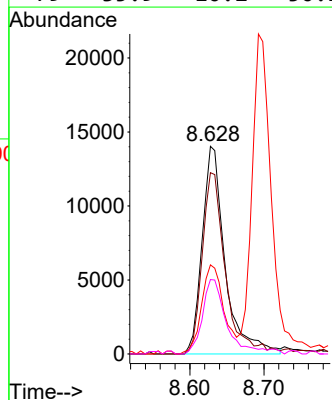
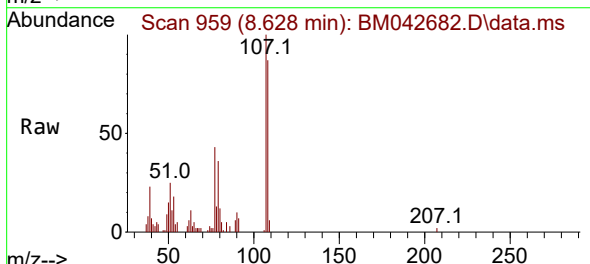
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

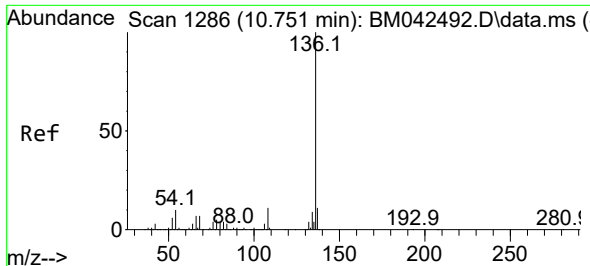
Tgt Ion: 70	Resp: 23988
Ion Ratio	Lower Upper
70 100	
42 74.5	52.5 78.7
101 9.2	7.0 10.4
130 15.7	14.6 21.8



#20
3+4-Methylphenols
Concen: 7.993 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt	Ion:107	Resp:	30204
Ion	Ratio	Lower	Upper
107	100		
108	87.3	66.4	106.4
77	42.9	17.6	57.6
79	35.9	10.2	50.2

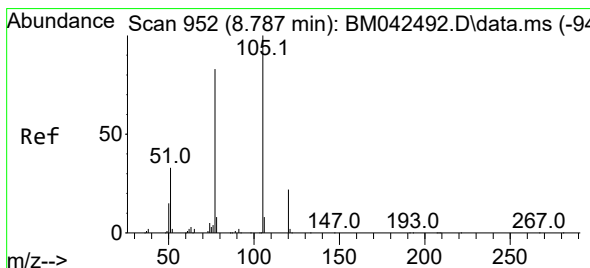
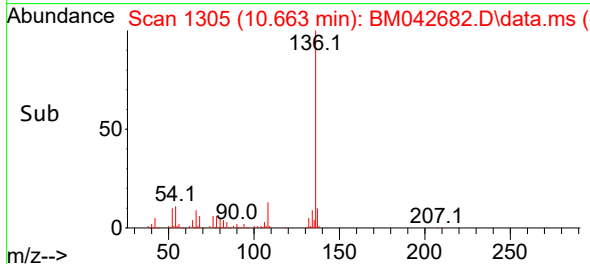
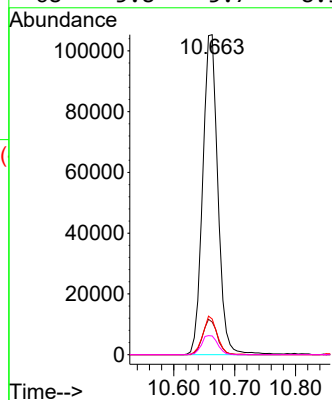
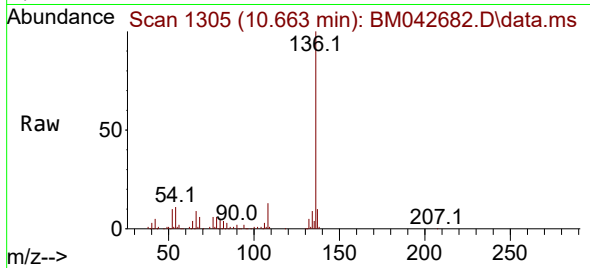




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

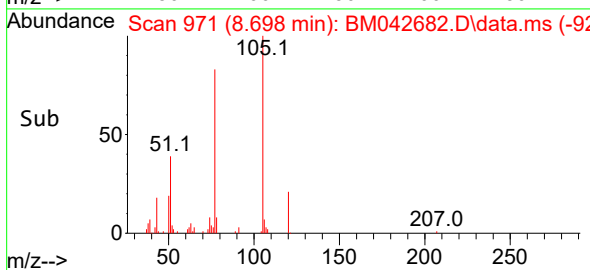
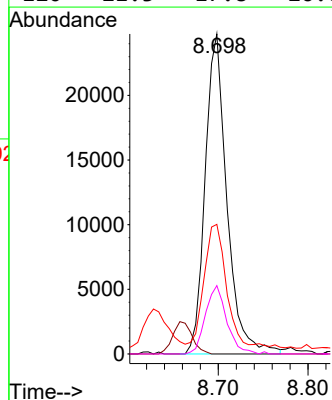
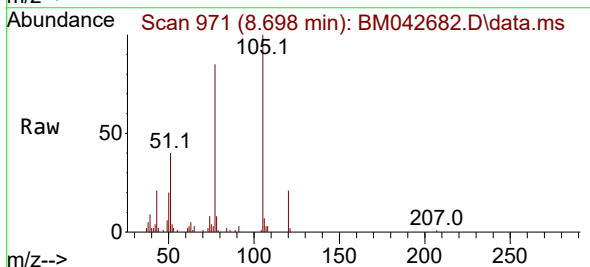
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

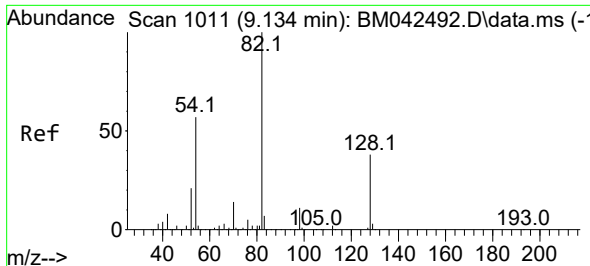
Tgt Ion:136 Resp: 182191
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.6
54 11.1 8.0 12.0
68 5.8 5.7 8.5



#22
Acetophenone
Concen: 9.064 ng
RT: 8.698 min Scan# 971
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:105 Resp: 41650
Ion Ratio Lower Upper
105 100
71 0.0 0.2 0.2#
51 40.5 27.6 41.4
120 21.3 17.8 26.6





#23

Nitrobenzene-d5

Concen: 11.997 ng

RT: 9.045 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

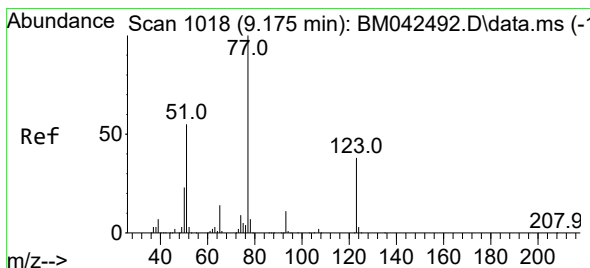
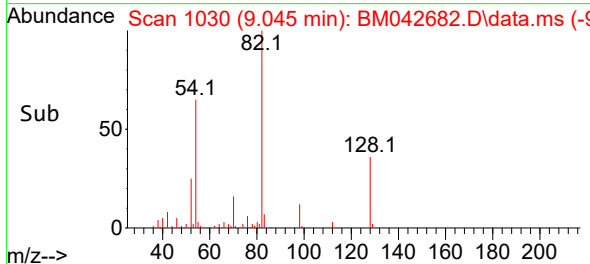
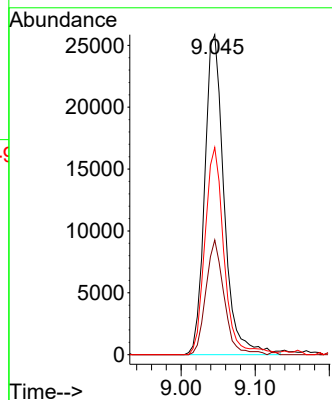
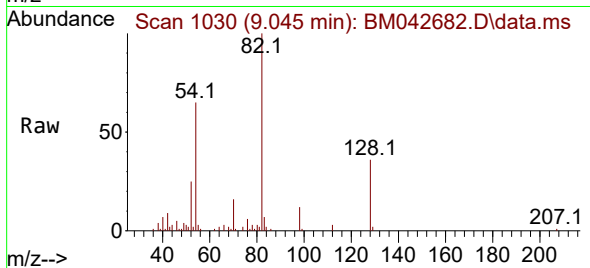
Tgt Ion: 82 Resp: 46889

Ion Ratio Lower Upper

82 100

128 35.8 30.7 46.1

54 64.8 45.3 67.9



#24

Nitrobenzene

Concen: 9.282 ng

RT: 9.087 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

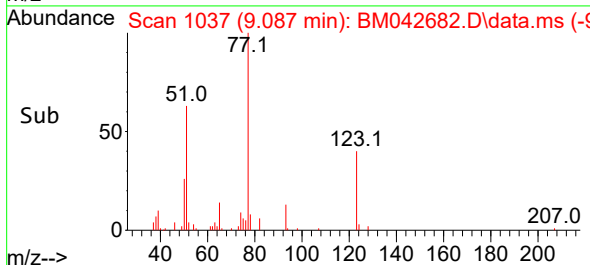
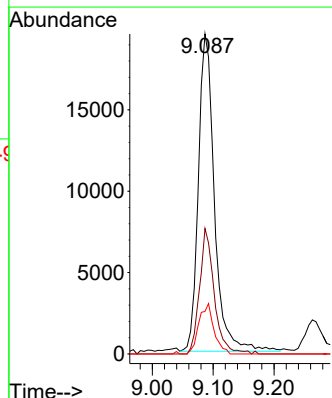
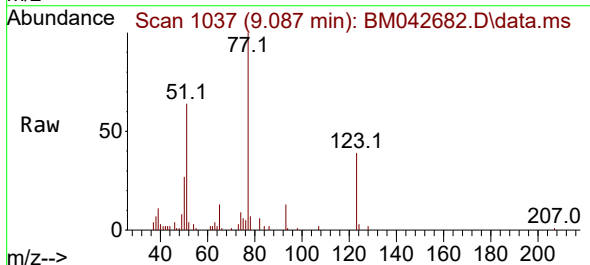
Tgt Ion: 77 Resp: 35732

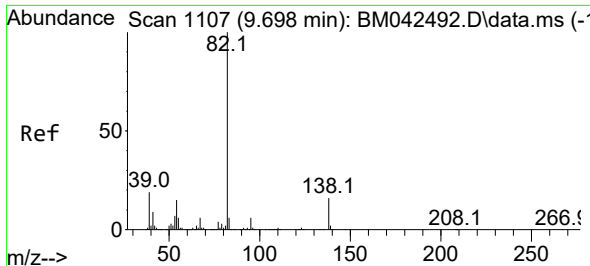
Ion Ratio Lower Upper

77 100

123 39.2 30.6 46.0

65 13.3 10.8 16.2

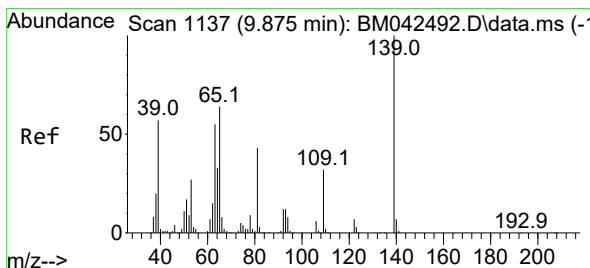
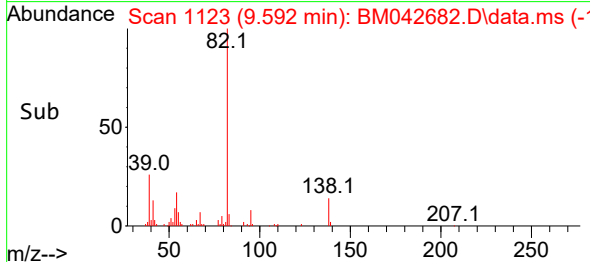
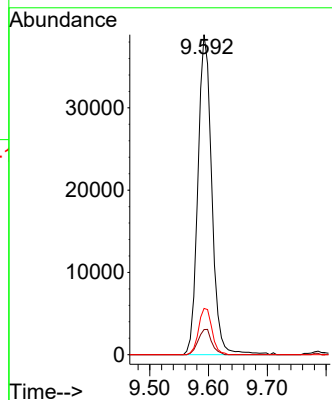
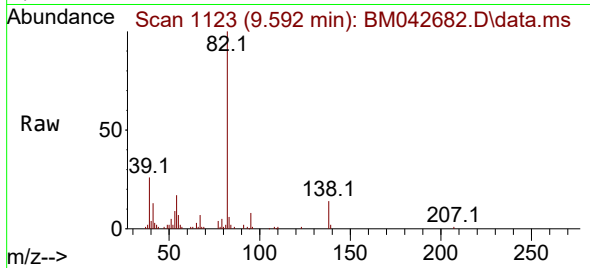




#25
Isophorone
Concen: 9.195 ng
RT: 9.592 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

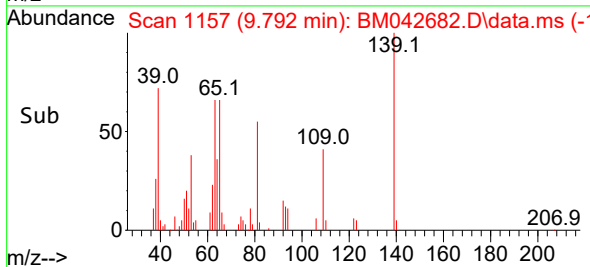
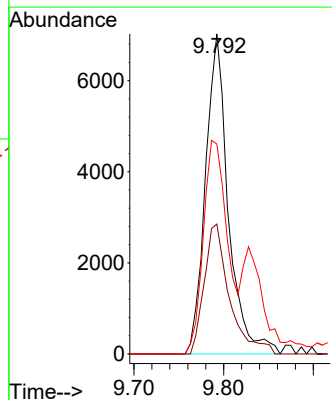
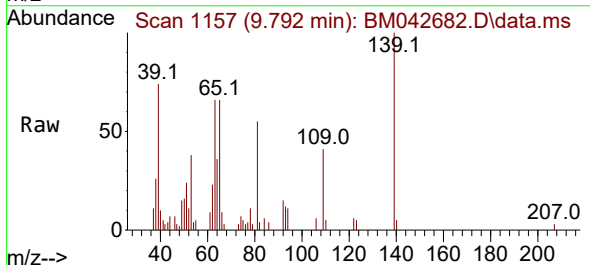
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

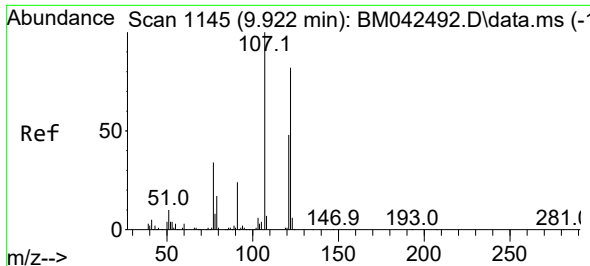
Tgt Ion: 82 Resp: 63605
Ion Ratio Lower Upper
82 100
95 7.8 5.2 7.8#
138 14.5 12.6 18.8



#26
2-Nitrophenol
Concen: 10.558 ng
RT: 9.792 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion: 139 Resp: 12436
Ion Ratio Lower Upper
139 100
109 40.6 25.2 37.8#
65 65.6 51.4 77.0

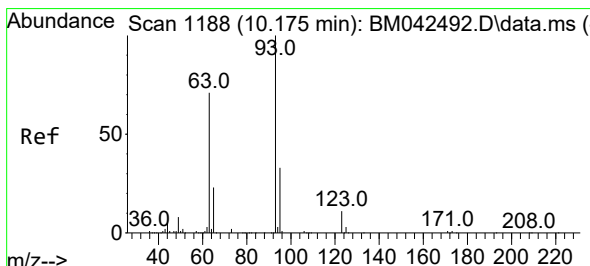
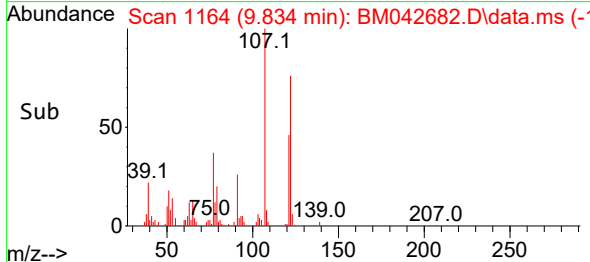
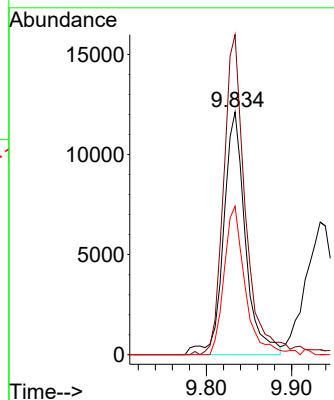
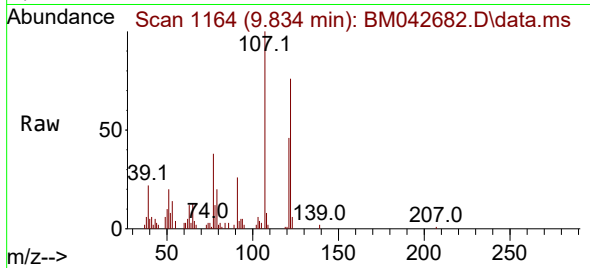




#27
2,4-Dimethylphenol
Concen: 8.140 ng
RT: 9.834 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

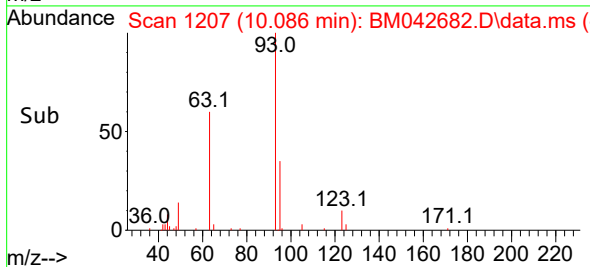
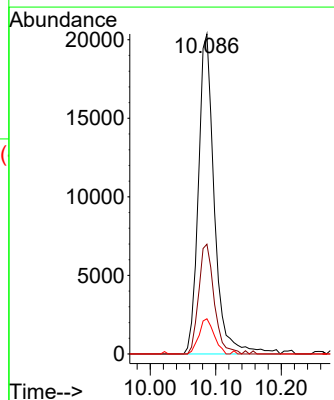
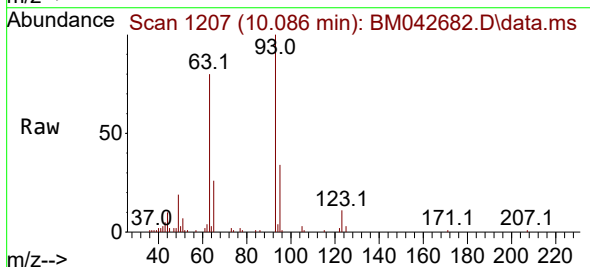
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

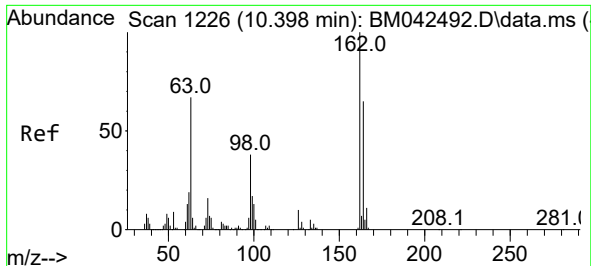
Tgt Ion:122 Resp: 21542
Ion Ratio Lower Upper
122 100
107 131.8 95.4 143.2
121 61.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 8.289 ng
RT: 10.086 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion: 93 Resp: 34546
Ion Ratio Lower Upper
93 100
95 34.3 26.3 39.5
123 11.0 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 9.854 ng

RT: 10.316 min Scan# 1246

Delta R.T. 0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

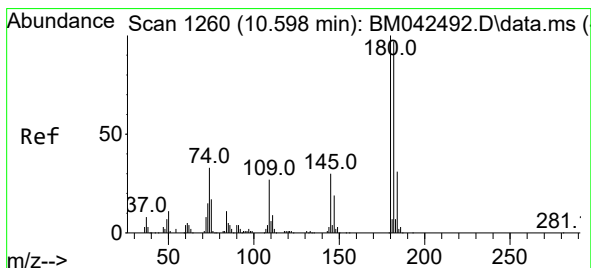
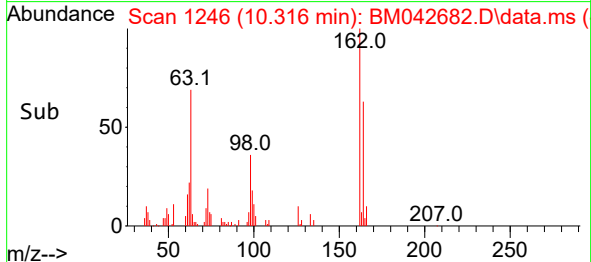
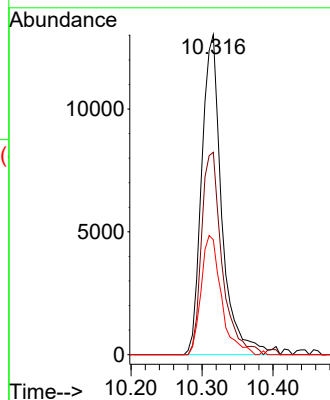
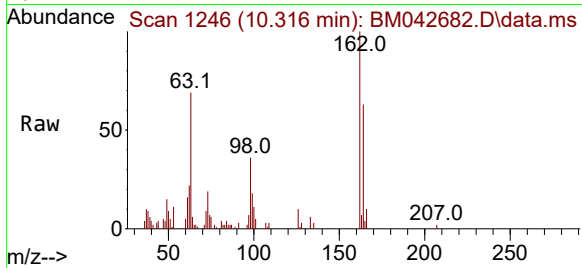
Tgt Ion:162 Resp: 25804

Ion Ratio Lower Upper

162 100

164 63.2 44.9 84.9

98 35.9 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 10.337 ng

RT: 10.510 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

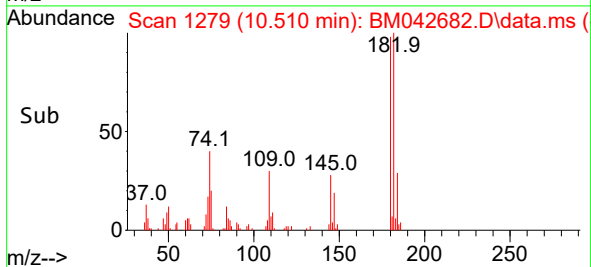
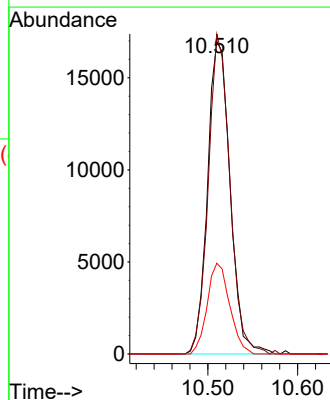
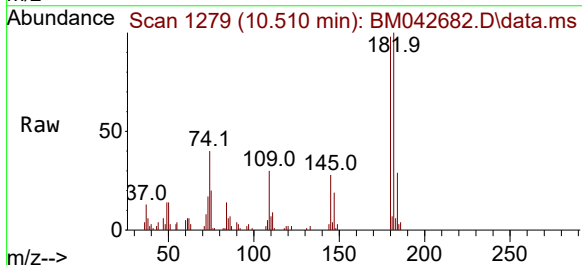
Tgt Ion:180 Resp: 29663

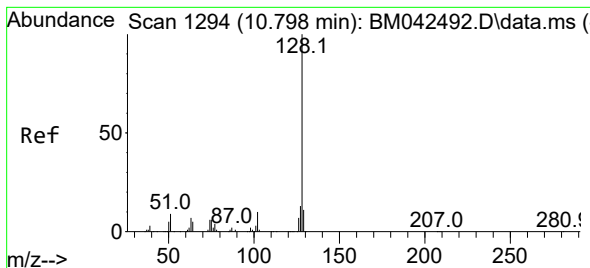
Ion Ratio Lower Upper

180 100

182 102.5 77.8 116.8

145 29.1 24.4 36.6





#31

Naphthalene

Concen: 9.304 ng

RT: 10.710 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

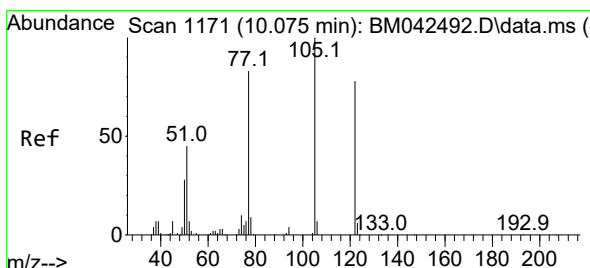
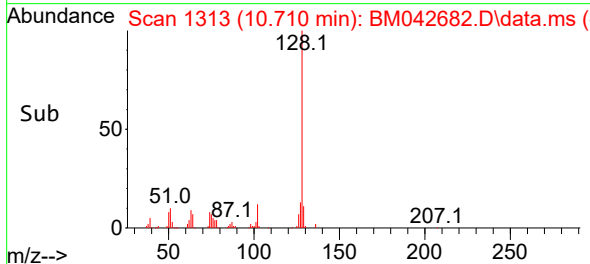
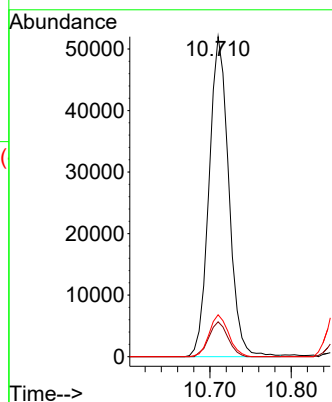
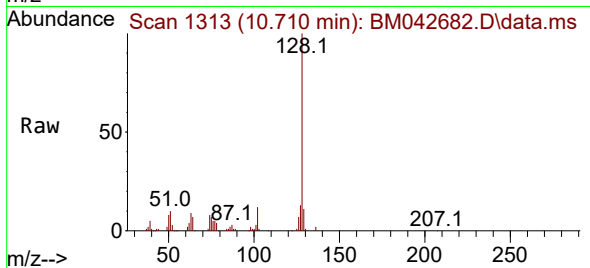
Tgt Ion:128 Resp: 87581

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.1 10.6 15.8



#32

Benzoic acid

Concen: 10.603 ng

RT: 9.934 min Scan# 1181

Delta R.T. -0.059 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

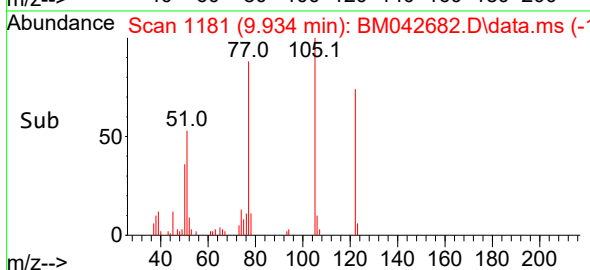
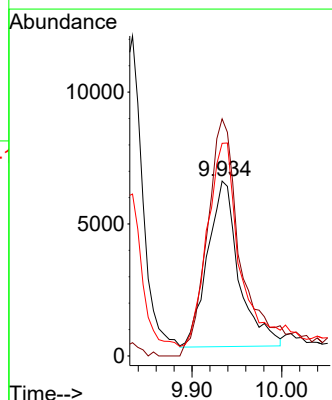
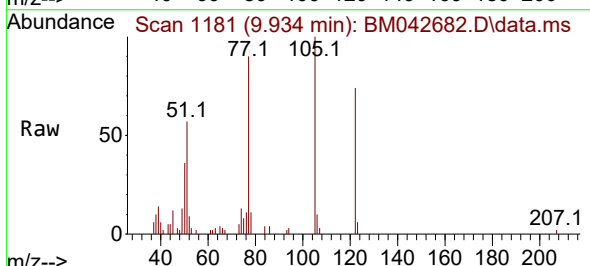
Tgt Ion:122 Resp: 15282

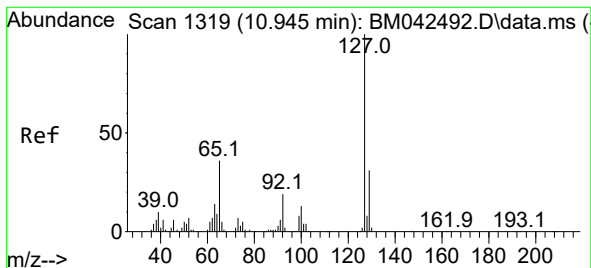
Ion Ratio Lower Upper

122 100

105 135.6 105.2 145.2

77 121.6 84.8 124.8





#33

4-Chloroaniline

Concen: 6.847 ng

RT: 10.863 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

Tgt Ion:127 Resp: 25132

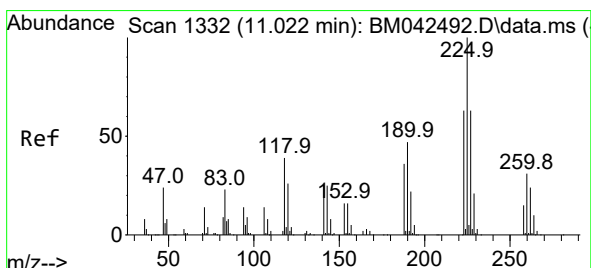
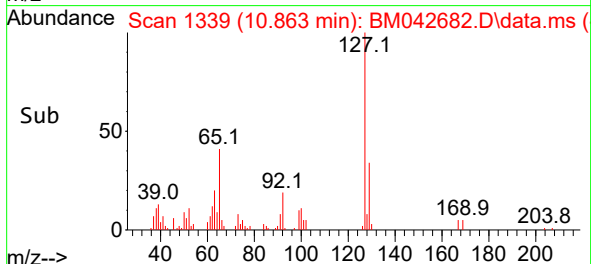
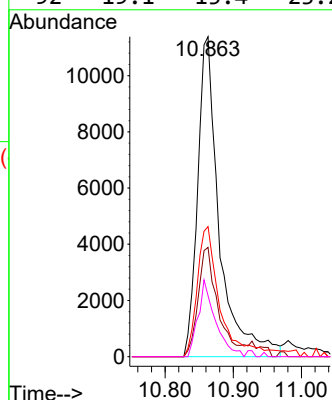
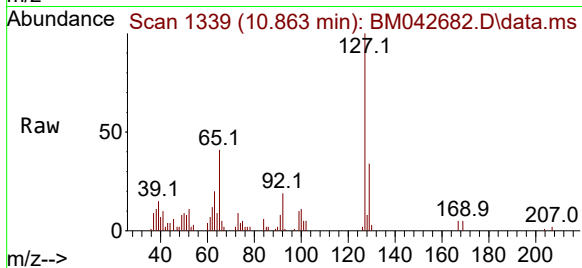
Ion Ratio Lower Upper

127 100

129 34.2 25.0 37.4

65 40.6 29.0 43.4

92 19.1 15.4 23.2



#34

Hexachlorobutadiene

Concen: 11.623 ng

RT: 10.933 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

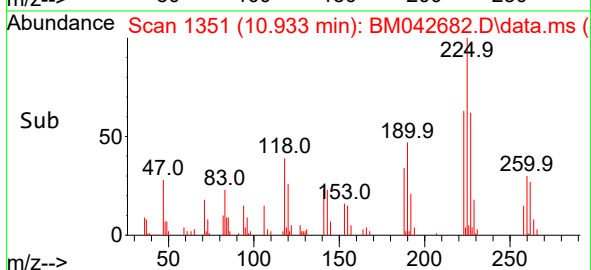
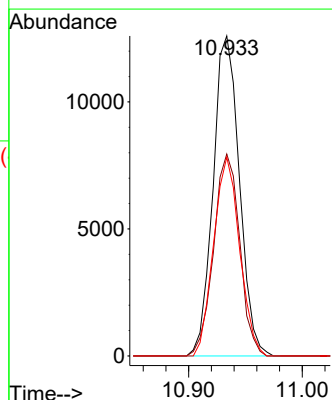
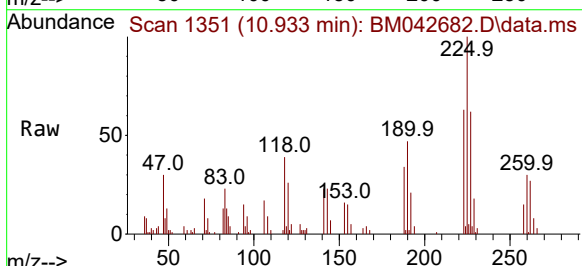
Tgt Ion:225 Resp: 20250

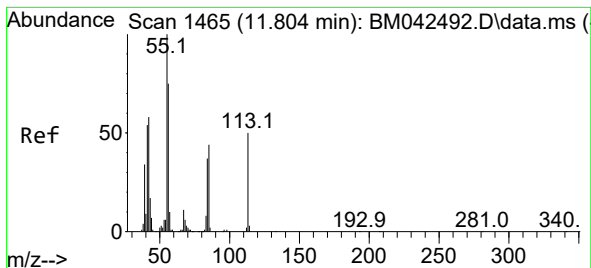
Ion Ratio Lower Upper

225 100

223 63.1 50.0 75.0

227 62.1 50.6 75.8





#35

Caprolactam

Concen: 7.816 ng

RT: 11.675 min Scan# 1465

Delta R.T. -0.018 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

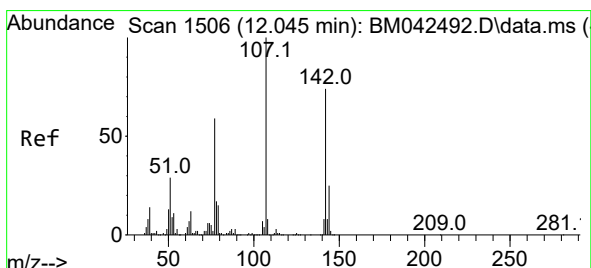
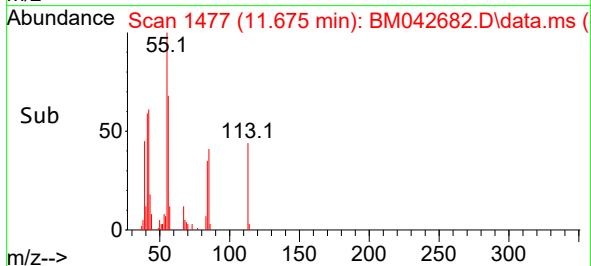
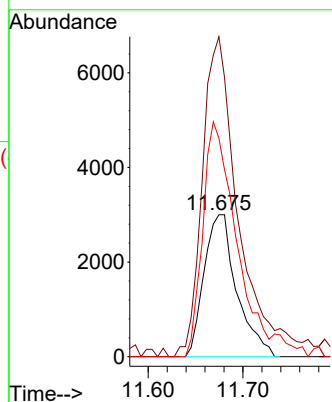
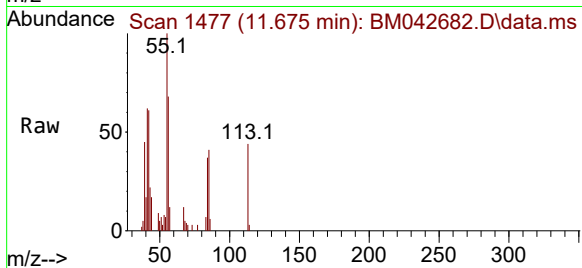
Tgt Ion:113 Resp: 7191

Ion Ratio Lower Upper

113 100

55 225.3 180.9 220.9#

56 153.8 130.0 170.0



#36

4-Chloro-3-methylphenol

Concen: 9.148 ng

RT: 11.963 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

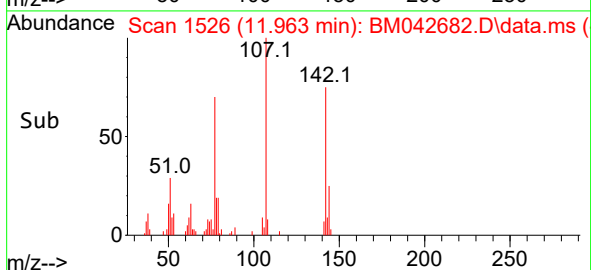
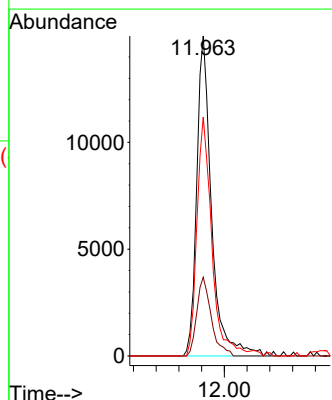
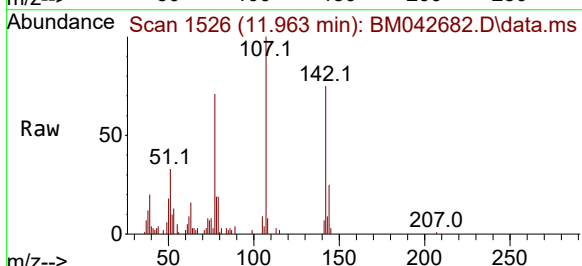
Tgt Ion:107 Resp: 27262

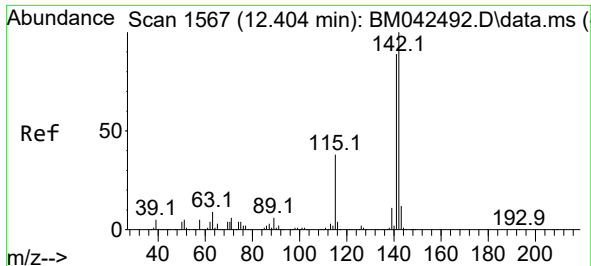
Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.2

142 74.7 59.5 89.3

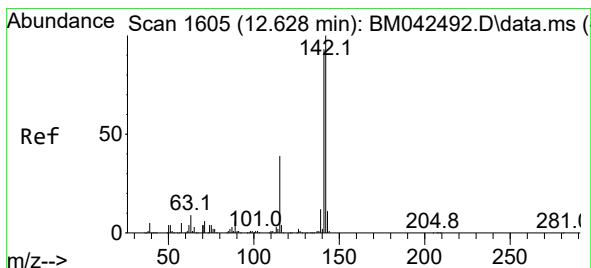
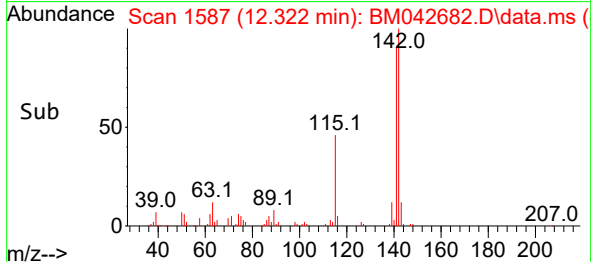
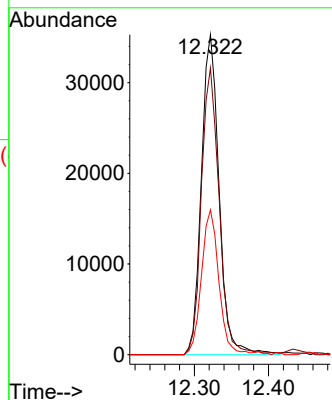
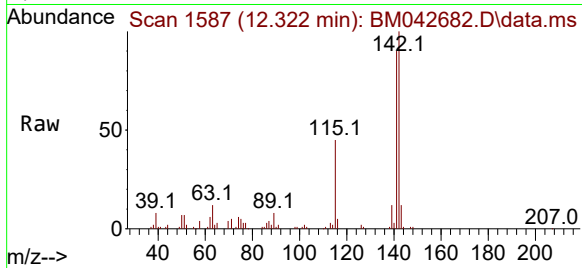




#37
2-Methylnaphthalene
Concen: 8.854 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

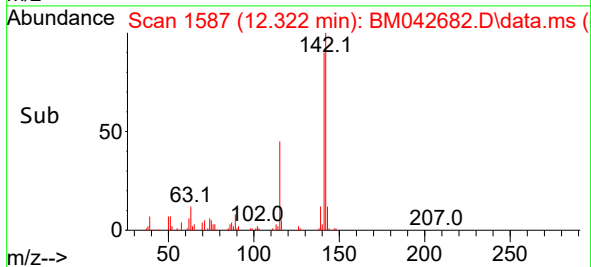
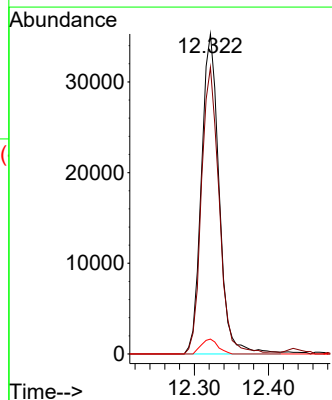
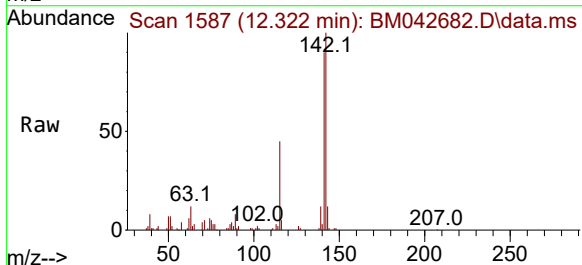
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

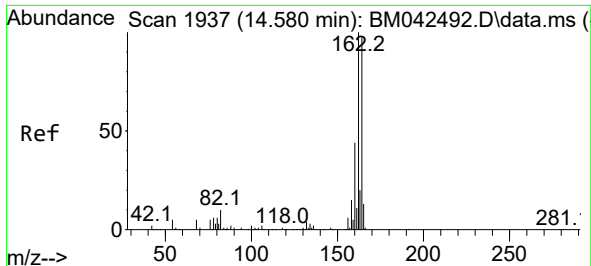
Tgt Ion:142 Resp: 58696
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3
115 45.2 30.2 45.2#



#38
1-Methylnaphthalene
Concen: 9.407 ng
RT: 12.322 min Scan# 1587
Delta R.T. -0.223 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:142 Resp: 58696
Ion Ratio Lower Upper
142 100
141 89.6 74.4 111.6
116 4.6 3.2 4.8

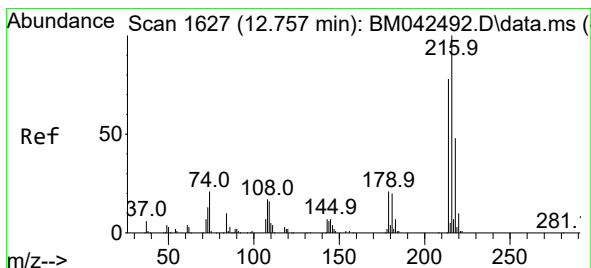
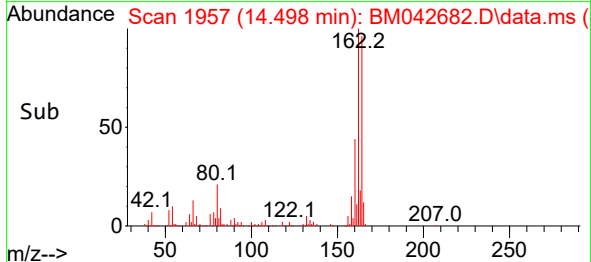
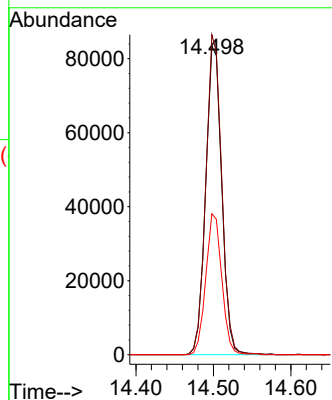
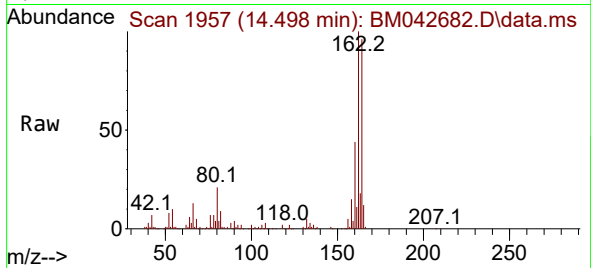




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

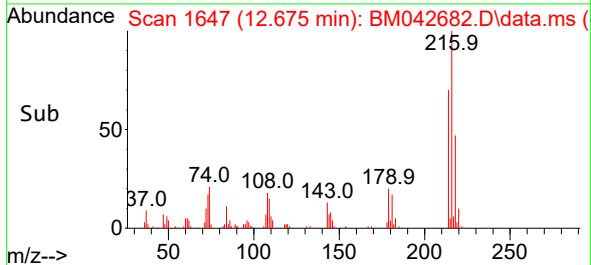
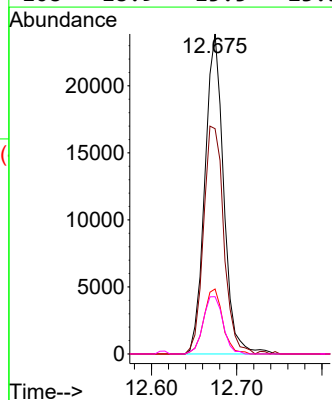
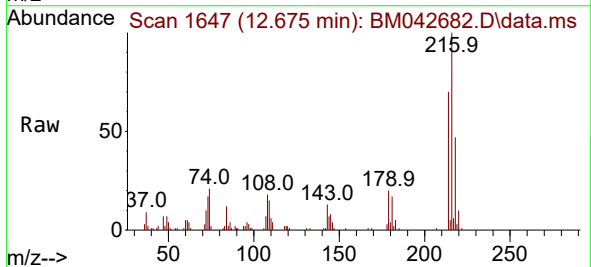
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

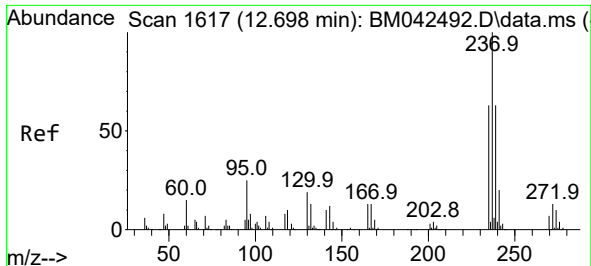
Tgt Ion:164 Resp: 120265
Ion Ratio Lower Upper
164 100
162 103.7 81.6 122.4
160 45.7 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.166 ng
RT: 12.675 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:216 Resp: 36524
Ion Ratio Lower Upper
216 100
214 76.6 62.5 93.7
179 20.3 16.7 25.1
108 18.9 15.5 23.3

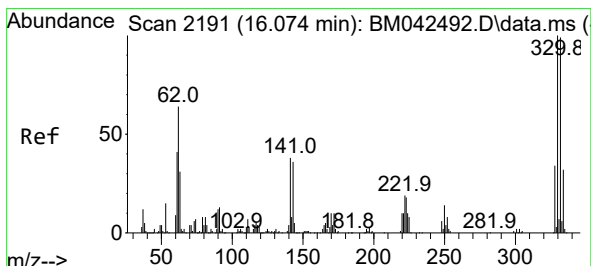
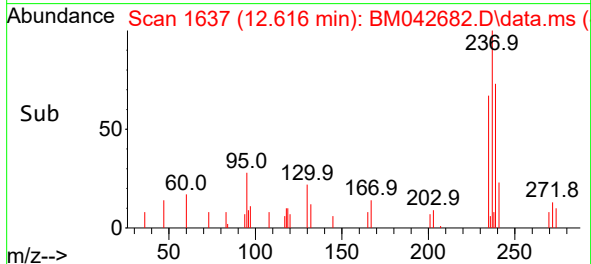
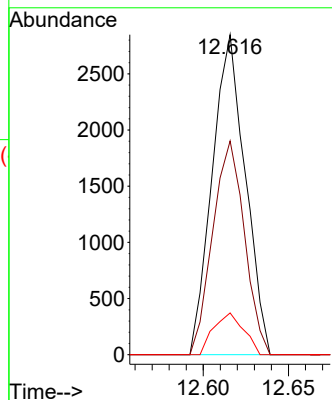
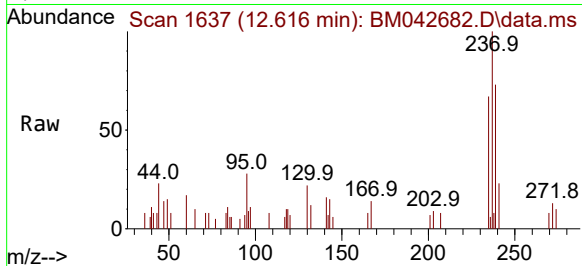




#41
Hexachlorocyclopentadiene
Concen: 7.745 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

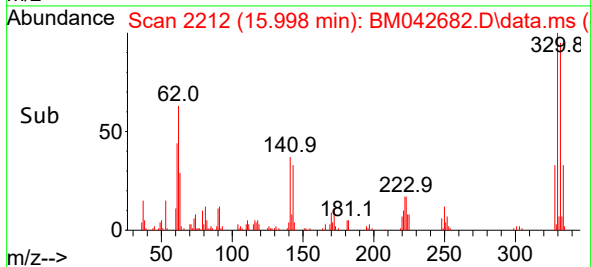
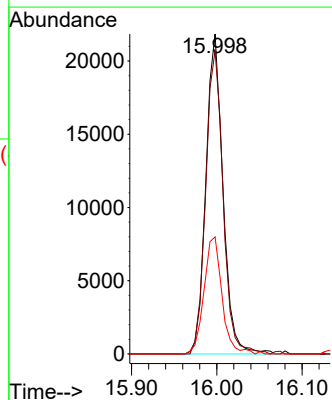
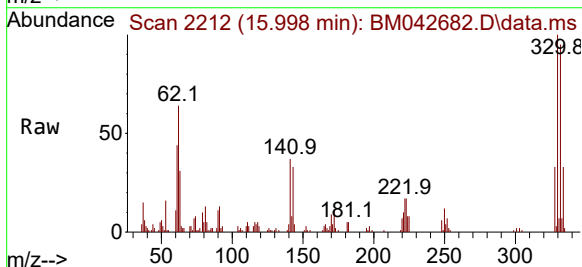
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

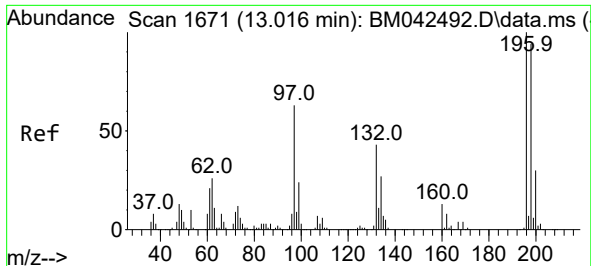
Tgt Ion:237 Resp: 3840
Ion Ratio Lower Upper
237 100
235 66.8 42.5 82.5
272 13.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 19.377 ng
RT: 15.998 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:330 Resp: 30425
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 38.6 31.1 46.7

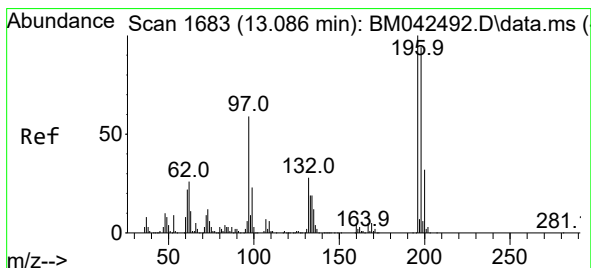
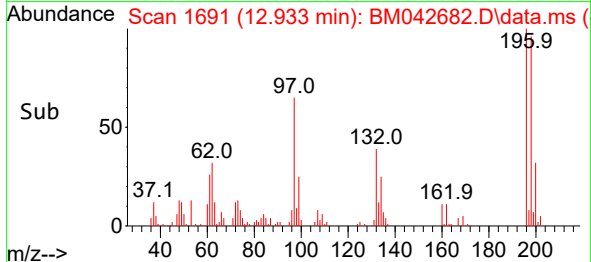
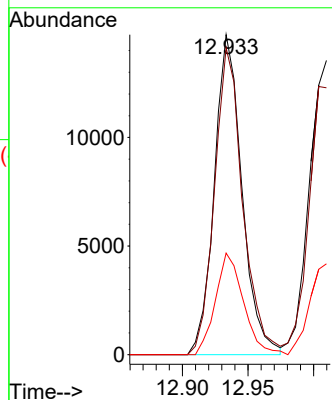
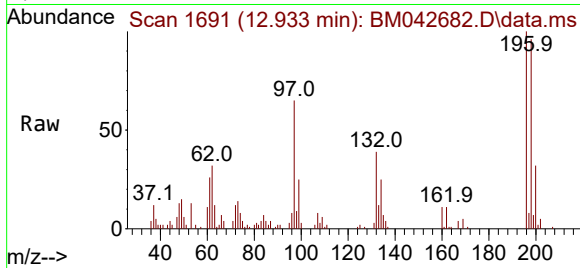




#43
2,4,6-Trichlorophenol
Concen: 9.401 ng
RT: 12.933 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

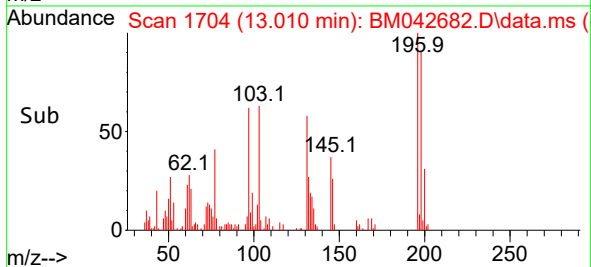
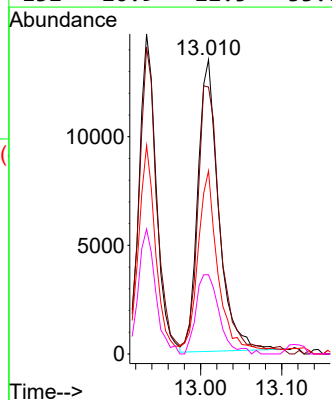
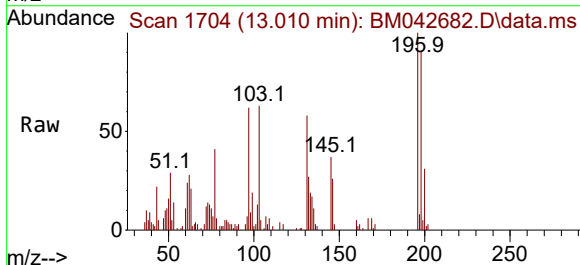
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

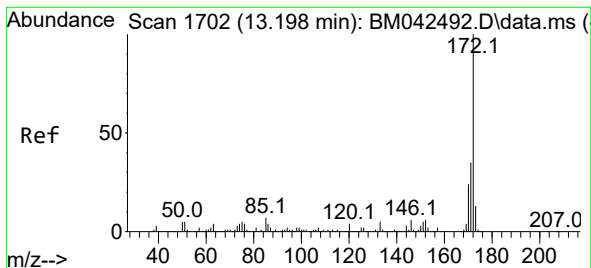
Tgt Ion:196 Resp: 21633
Ion Ratio Lower Upper
196 100
198 95.9 75.2 112.8
200 31.8 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 8.755 ng
RT: 13.010 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:196 Resp: 23975
Ion Ratio Lower Upper
196 100
198 90.7 75.1 112.7
97 62.2 47.4 71.0
132 26.9 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 10.904 ng

RT: 13.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

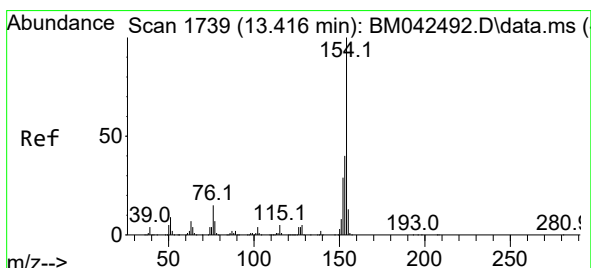
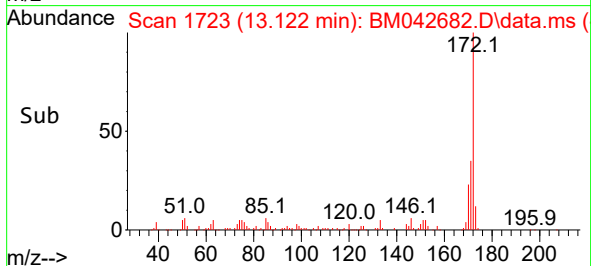
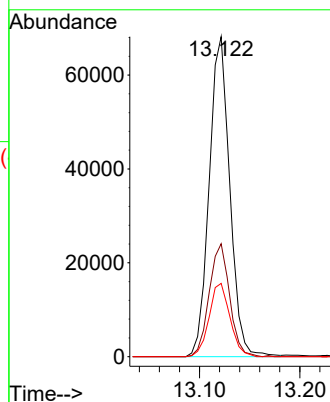
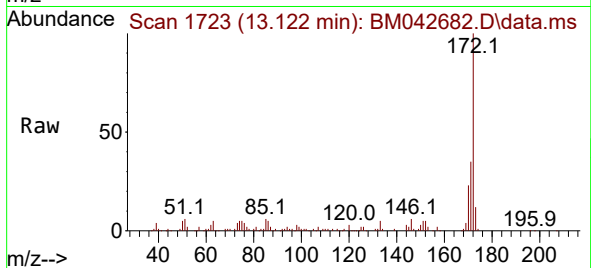
Tgt Ion:172 Resp: 97459

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 22.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 8.512 ng

RT: 13.333 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

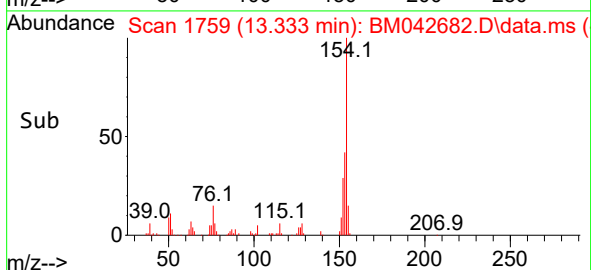
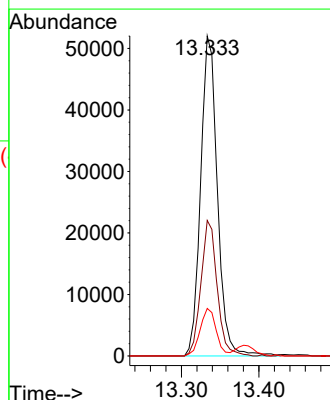
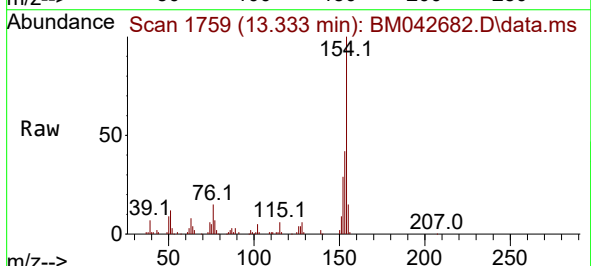
Tgt Ion:154 Resp: 78250

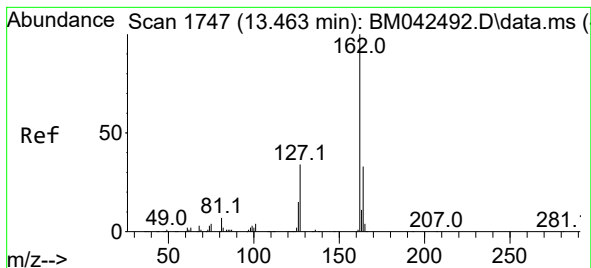
Ion Ratio Lower Upper

154 100

153 42.3 20.3 60.3

76 14.9 0.0 35.0

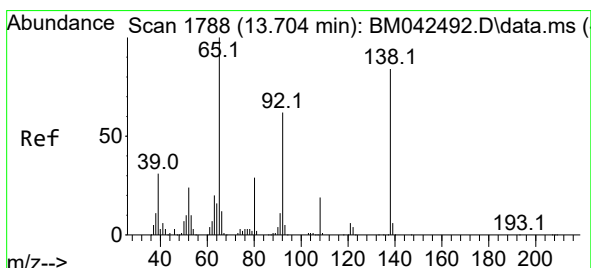
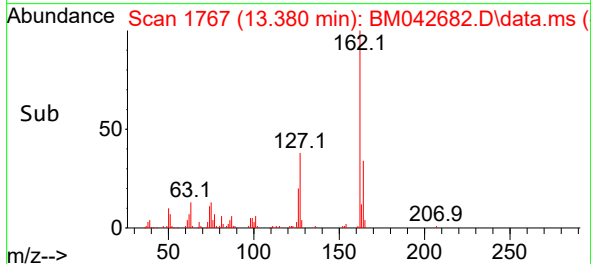
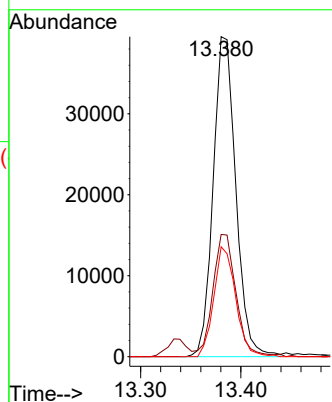
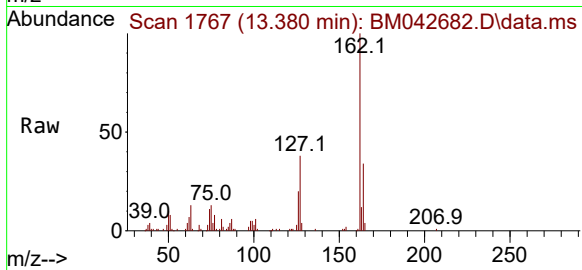




#47
2-Chloronaphthalene
Concen: 9.214 ng
RT: 13.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

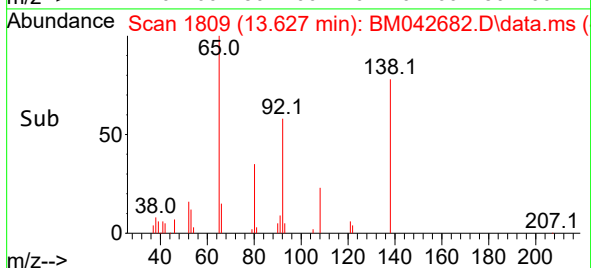
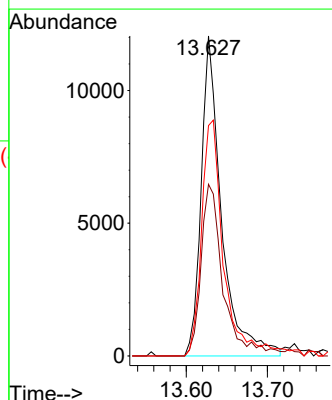
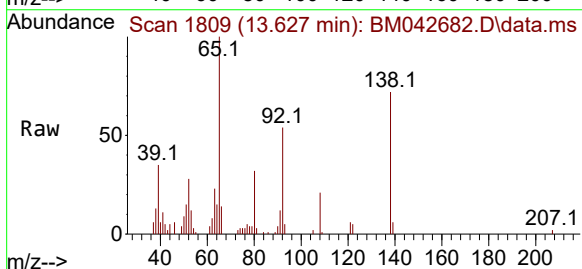
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

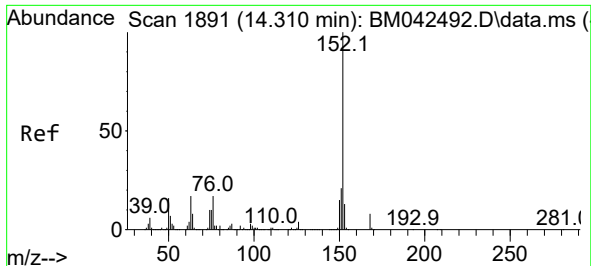
Tgt Ion:162 Resp: 62141
Ion Ratio Lower Upper
162 100
127 38.2 31.1 46.7
164 34.4 26.2 39.4



#48
2-Nitroaniline
Concen: 11.364 ng
RT: 13.627 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion: 65 Resp: 20981
Ion Ratio Lower Upper
65 100
92 53.6 49.4 74.2
138 72.0 66.9 100.3

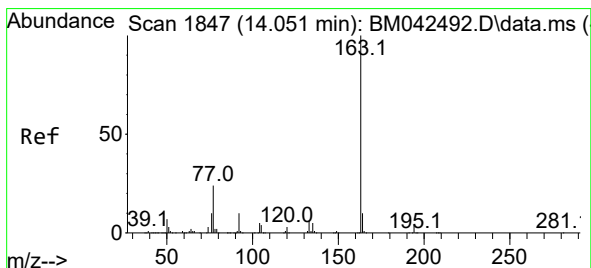
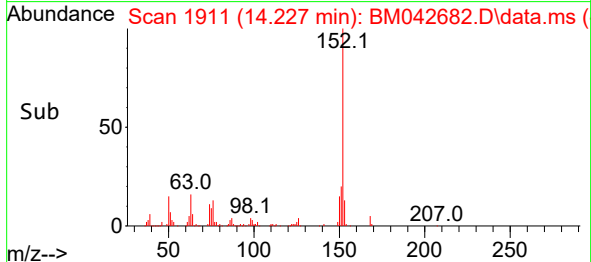
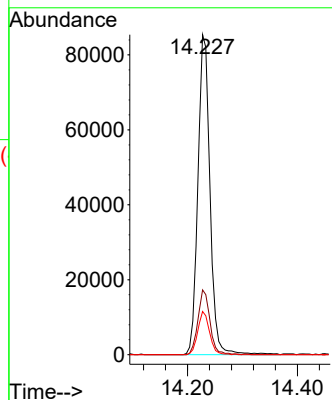
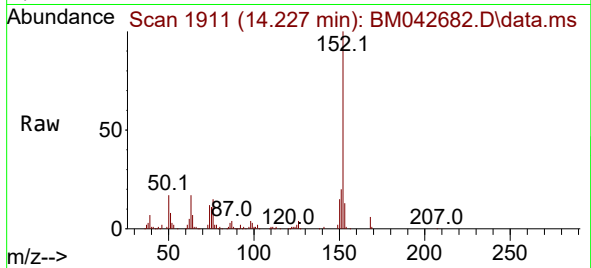




#49
Acenaphthylene
Concen: 11.683 ng
RT: 14.227 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

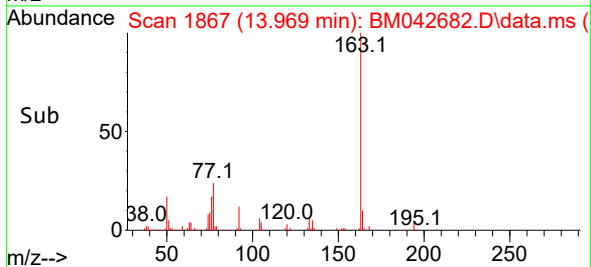
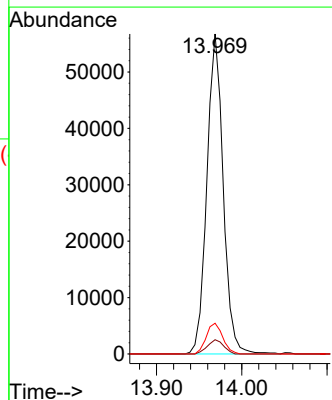
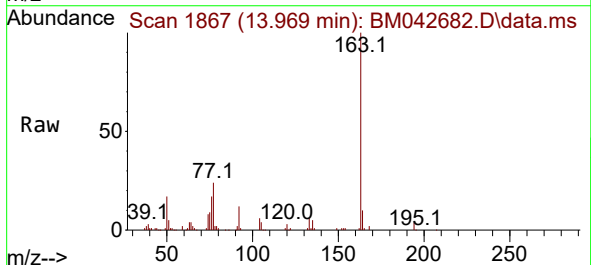
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

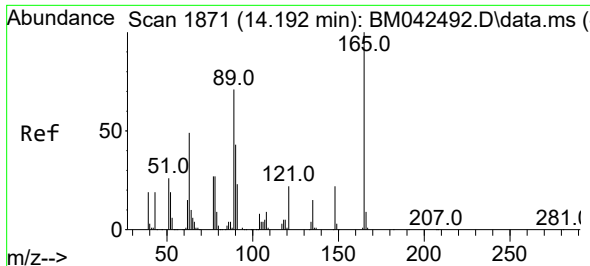
Tgt Ion:152 Resp: 130499
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 8.408 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:163 Resp: 75577
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 9.6 7.8 11.8

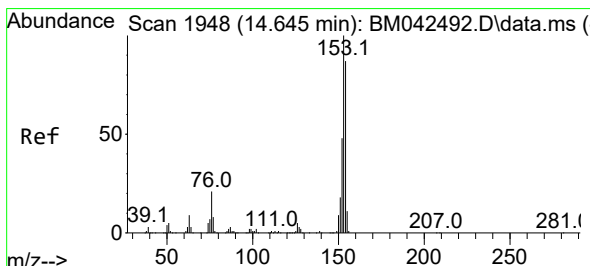
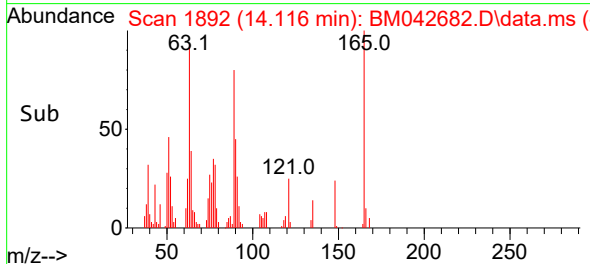
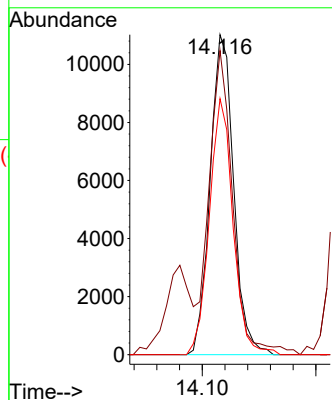
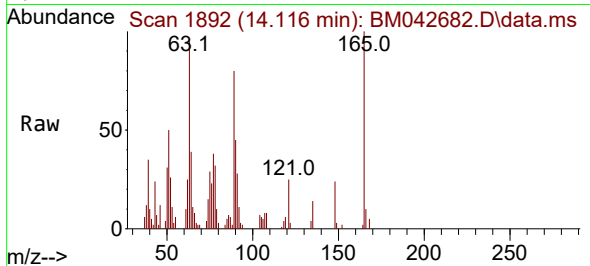




#51
2,6-Dinitrotoluene
Concen: 8.545 ng
RT: 14.116 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

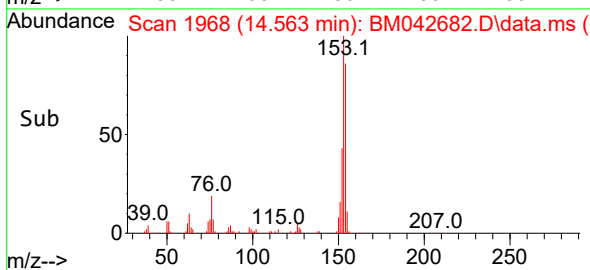
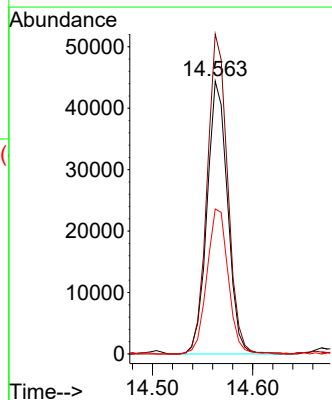
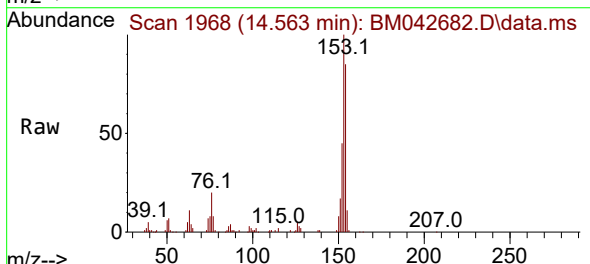
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

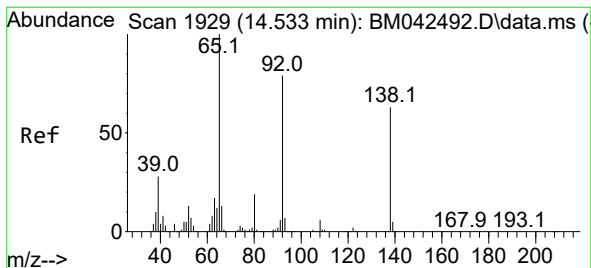
Tgt Ion:165 Resp: 15829
Ion Ratio Lower Upper
165 100
63 95.0 59.4 89.0#
89 80.0 57.0 85.6



#52
Acenaphthene
Concen: 9.337 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:154 Resp: 63292
Ion Ratio Lower Upper
154 100
153 117.3 92.0 138.0
152 53.1 44.0 66.0

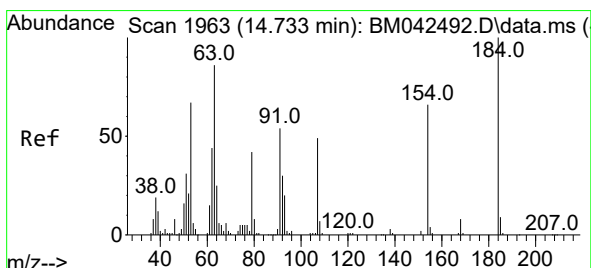
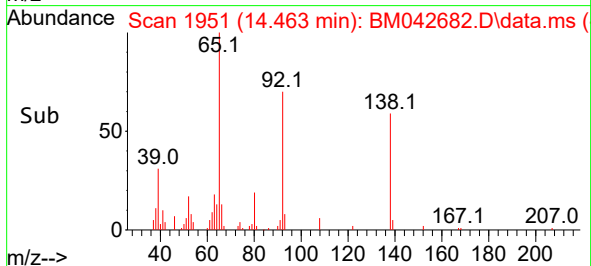
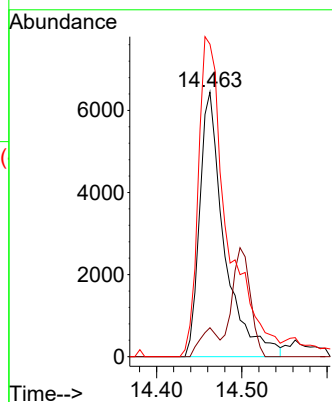
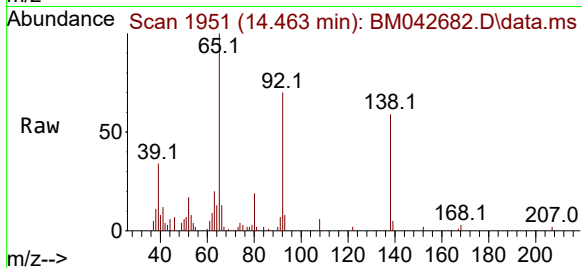




#53
3-Nitroaniline
Concen: 10.033 ng
RT: 14.463 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

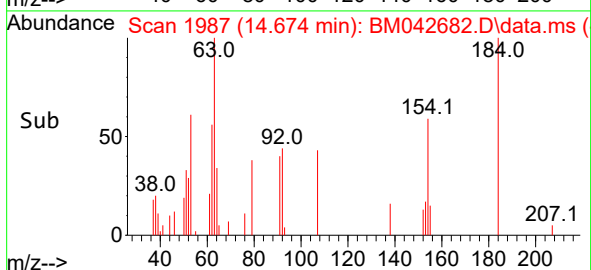
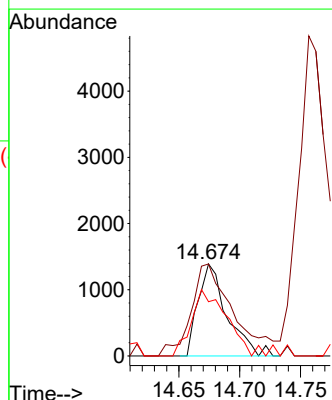
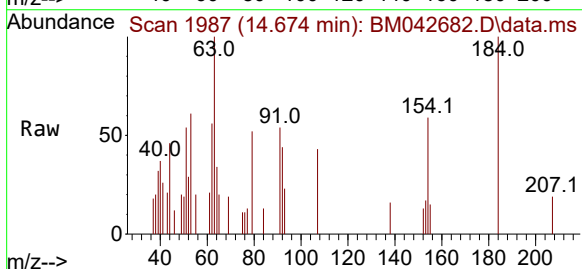
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

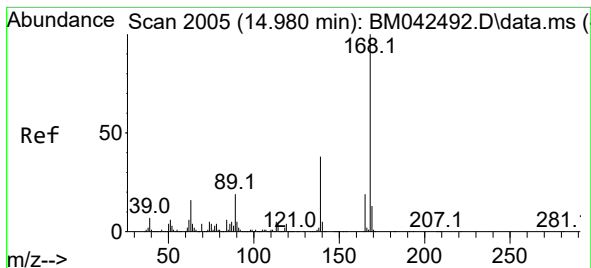
Tgt Ion:138 Resp: 12980
Ion Ratio Lower Upper
138 100
108 10.9 7.9 11.9
92 118.1 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 9.319 ng
RT: 14.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:184 Resp: 2287
Ion Ratio Lower Upper
184 100
63 100.0 69.2 103.8
154 58.9 53.2 79.8





#55

Dibenzenofuran

Concen: 9.688 ng

RT: 14.898 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

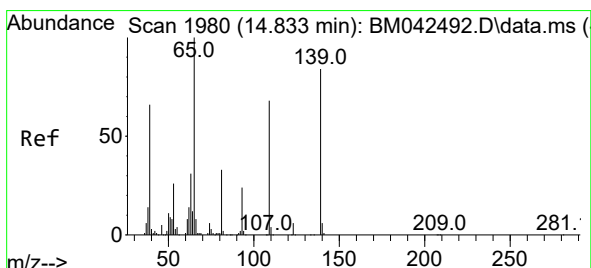
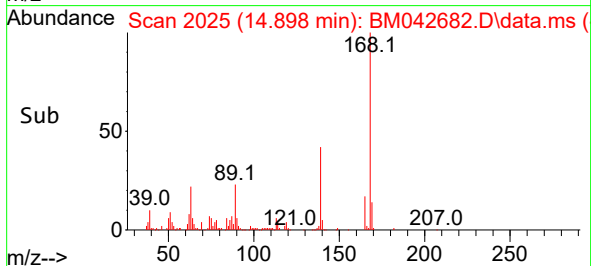
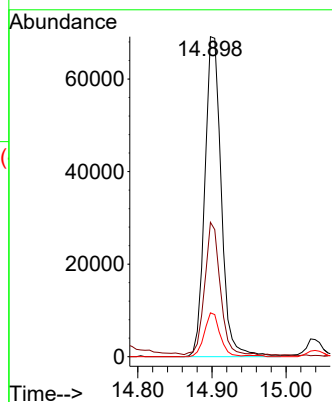
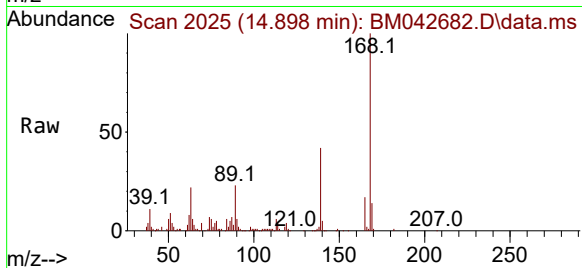
Tgt Ion:168 Resp: 106772

Ion Ratio Lower Upper

168 100

139 42.0 30.4 45.6

169 13.7 10.6 15.8



#56

4-Nitrophenol

Concen: 18.350 ng

RT: 14.763 min Scan# 2002

Delta R.T. 0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

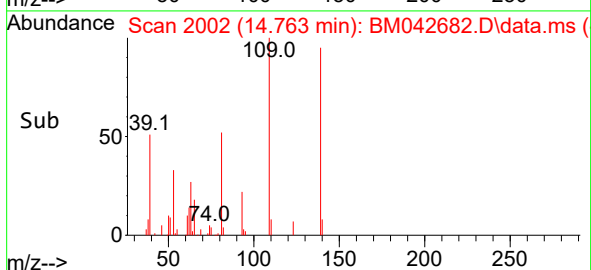
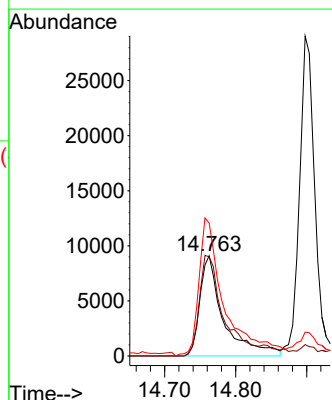
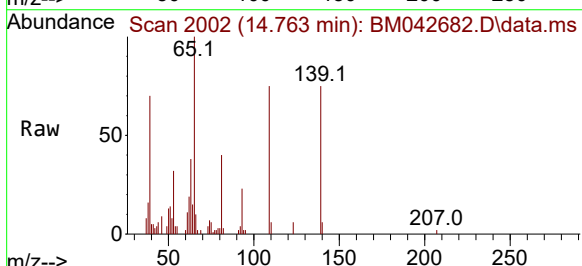
Tgt Ion:139 Resp: 21010

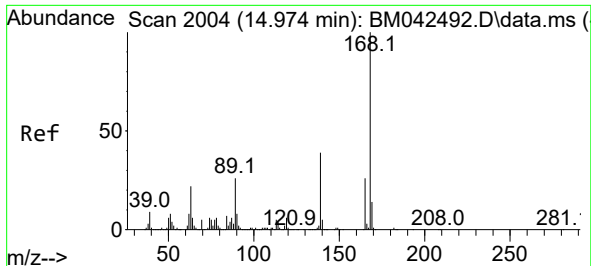
Ion Ratio Lower Upper

139 100

109 99.0 61.3 101.3

65 132.5 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 10.664 ng

RT: 14.904 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

Tgt Ion:165 Resp: 20484

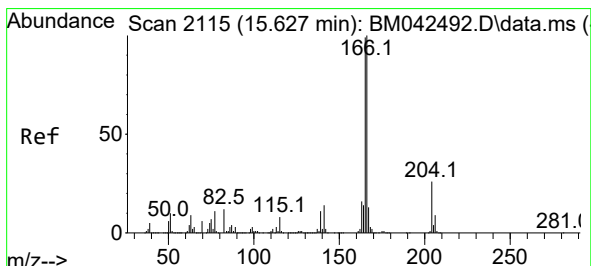
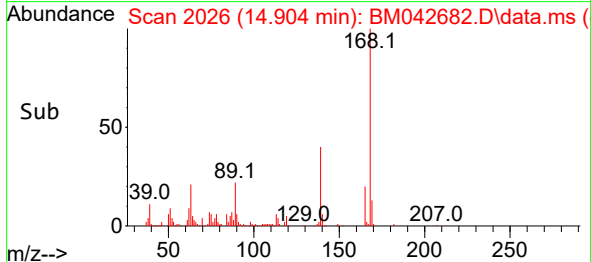
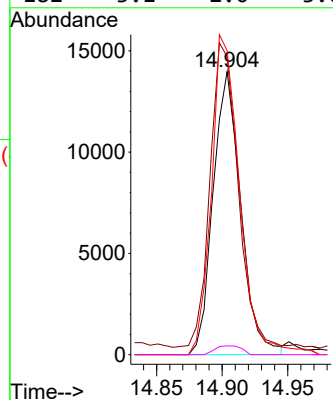
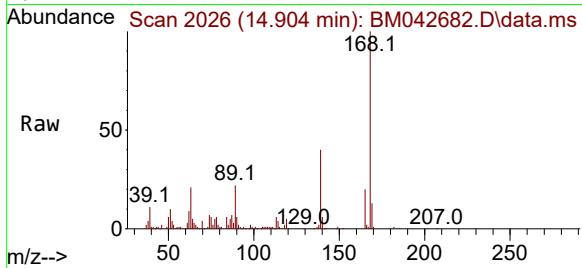
Ion Ratio Lower Upper

165 100

63 105.2 66.7 100.1#

89 107.4 80.2 120.4

182 3.1 2.0 3.0#



#58

Fluorene

Concen: 10.178 ng

RT: 15.551 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

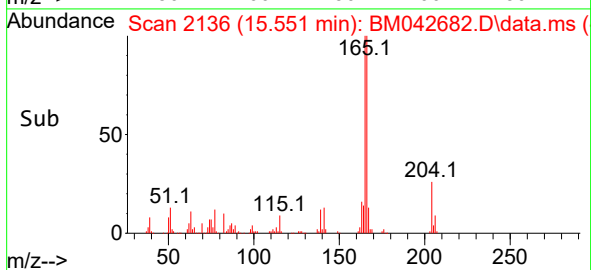
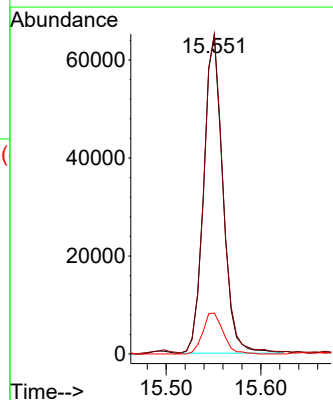
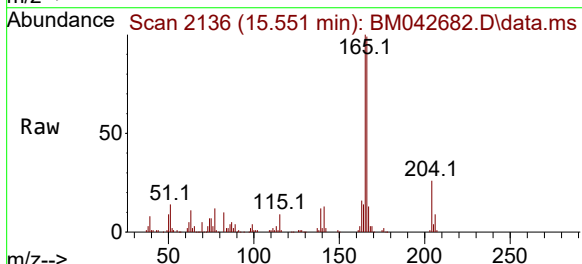
Tgt Ion:166 Resp: 90761

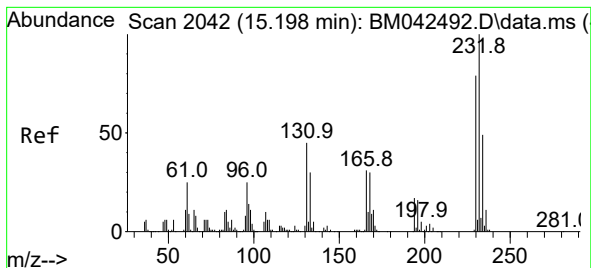
Ion Ratio Lower Upper

166 100

165 100.7 79.3 118.9

167 12.8 10.5 15.7

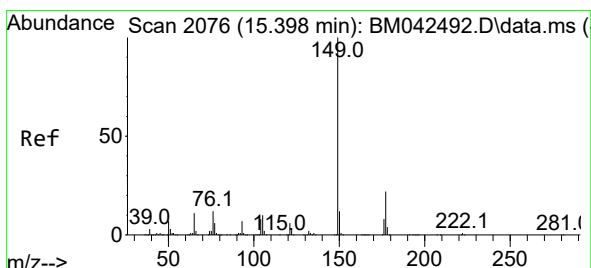
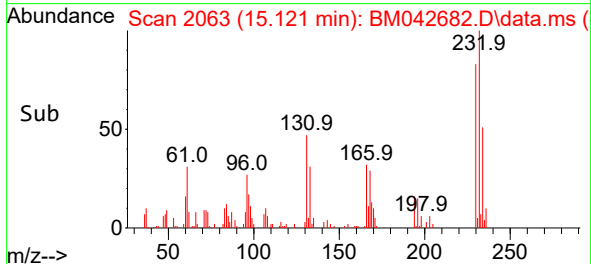
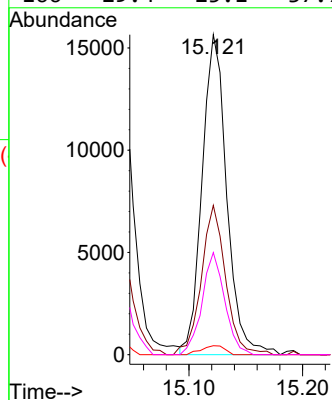
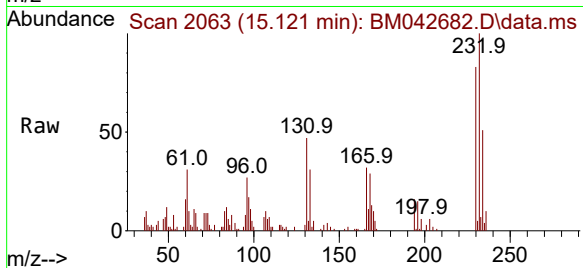




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.219 ng
RT: 15.121 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

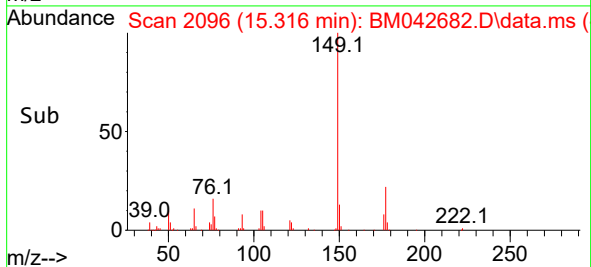
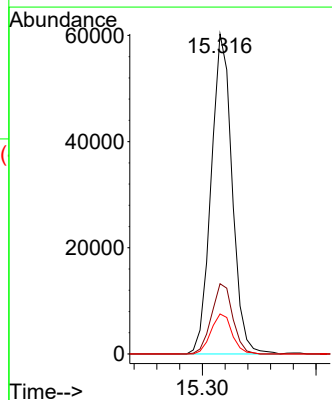
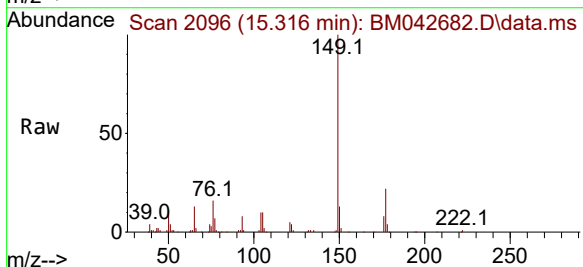
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

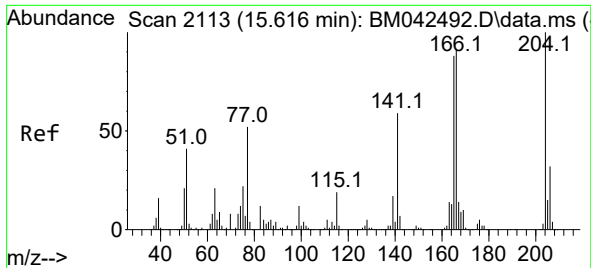
Tgt Ion:232 Resp: 23570
Ion Ratio Lower Upper
232 100
131 46.1 37.2 55.8
130 2.7 2.1 3.1
166 29.4 25.1 37.7



#60
Diethylphthalate
Concen: 8.484 ng
RT: 15.316 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:149 Resp: 77261
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.5 9.8 14.6

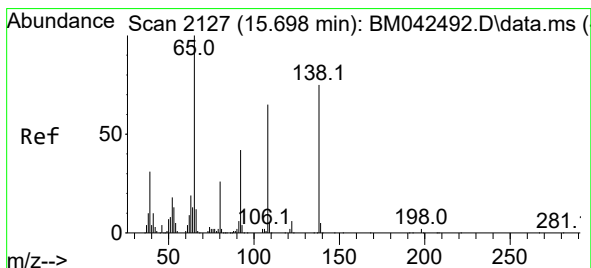
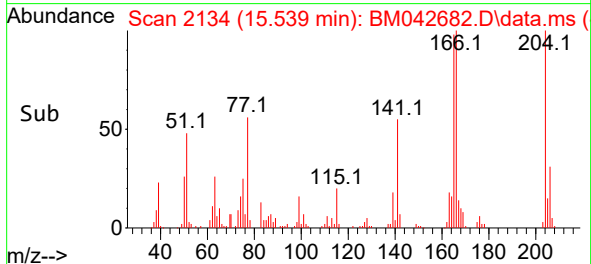
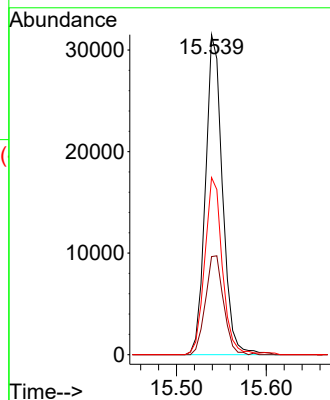
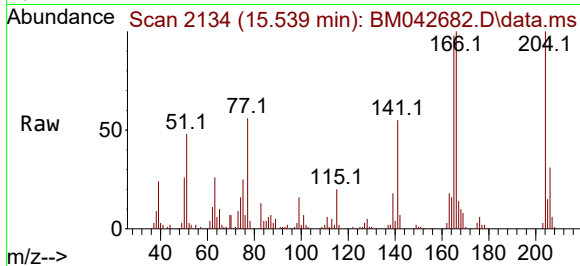




#61
4-Chlorophenyl-phenylether
Concen: 9.219 ng
RT: 15.539 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

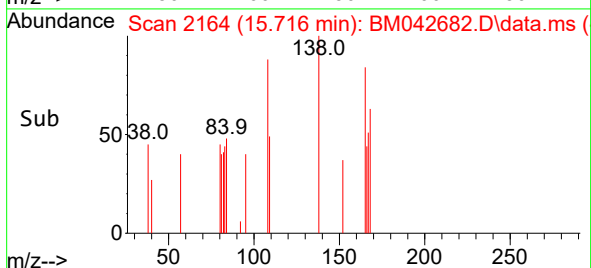
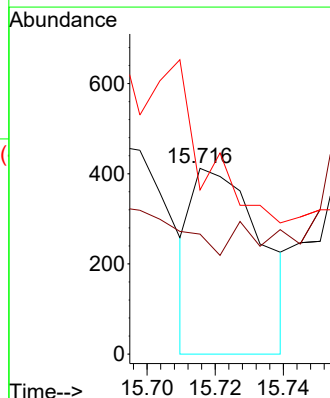
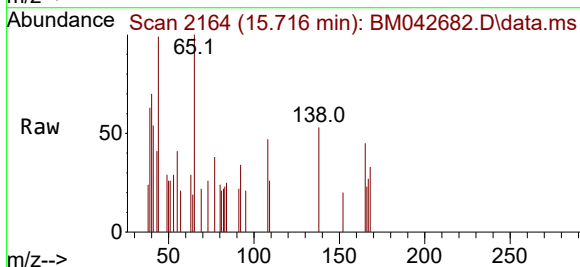
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

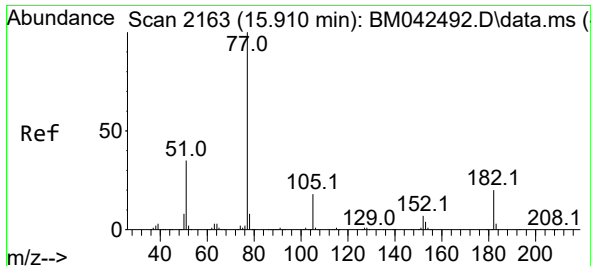
Tgt Ion:204 Resp: 41531
Ion Ratio Lower Upper
204 100
206 30.7 25.9 38.9
141 55.4 46.8 70.2



#62
4-Nitroaniline
Concen: 6.013 ng
RT: 15.716 min Scan# 2164
Delta R.T. 0.088 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:138 Resp: 578
Ion Ratio Lower Upper
138 100
92 64.6 37.0 77.0
108 88.3 67.2 107.2

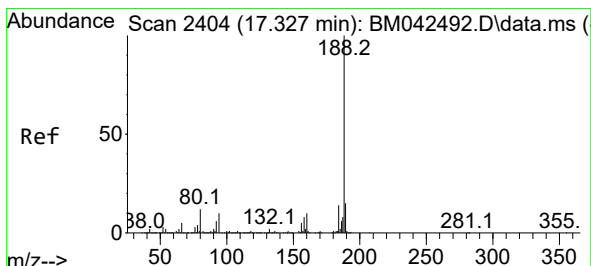
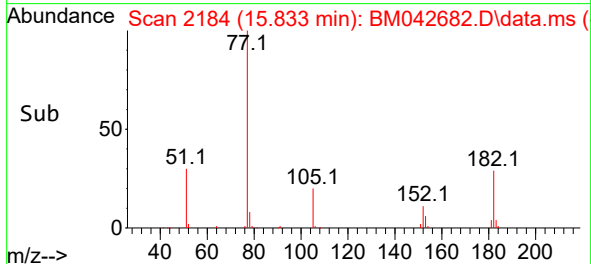
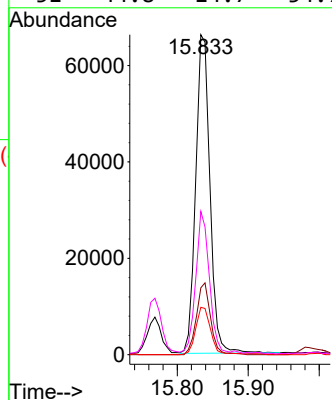
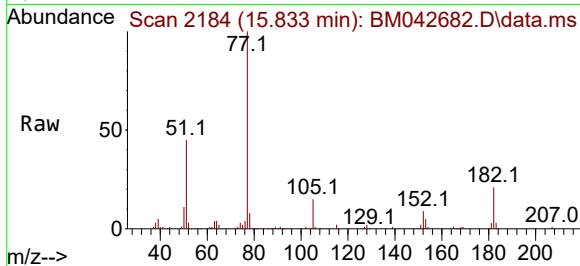




#63
Azobenzene
Concen: 9.218 ng
RT: 15.833 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

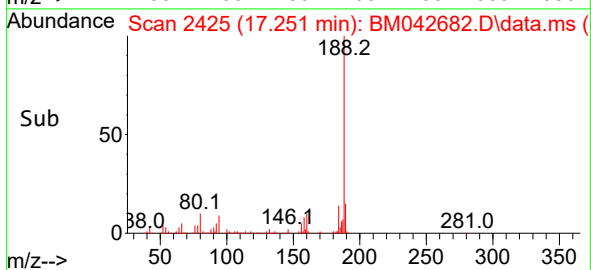
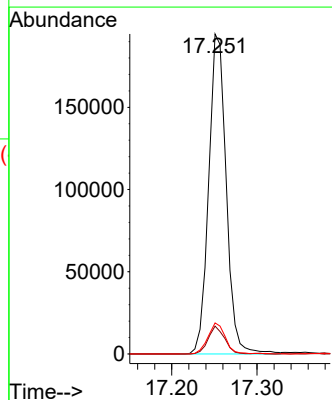
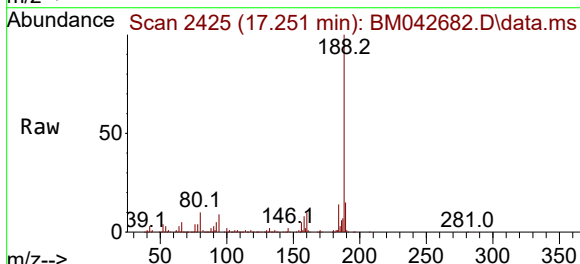
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

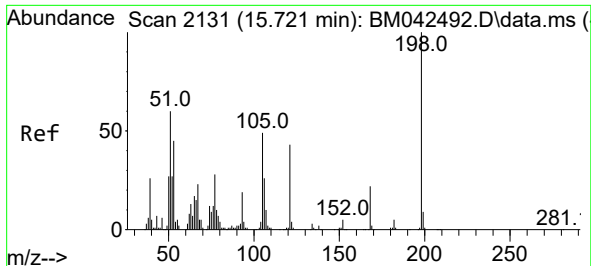
Tgt Ion: 77	Resp: 92499
Ion Ratio	Lower Upper
77 100	
182 20.9	0.0 40.0
105 14.8	0.0 37.9
51 44.8	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion: 188	Resp: 279076
Ion Ratio	Lower Upper
188 100	
94 8.7	8.2 12.4
80 9.7	9.4 14.2

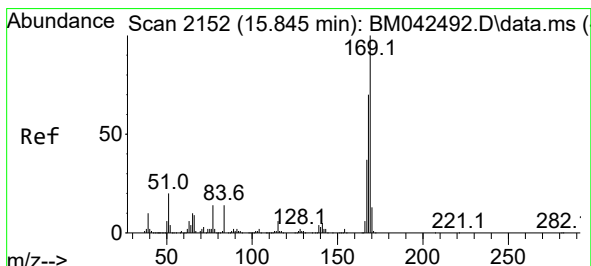
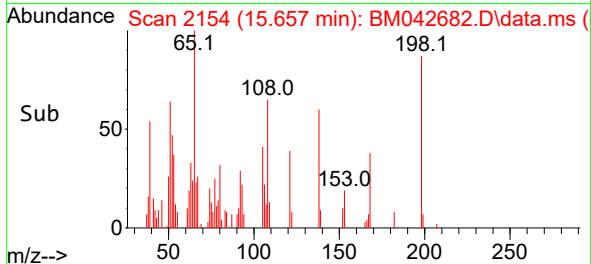
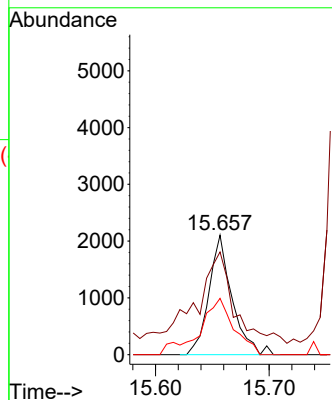
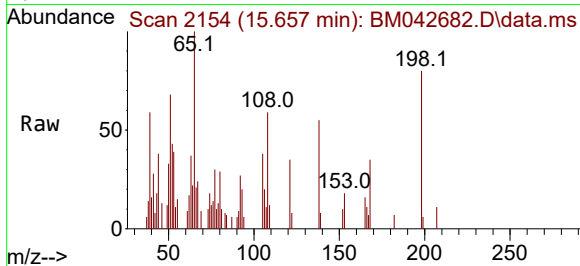




#65
4,6-Dinitro-2-methylphenol
Concen: 7.294 ng
RT: 15.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

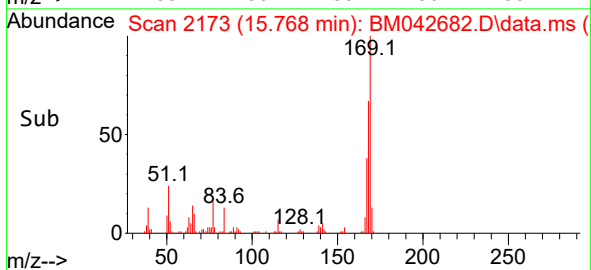
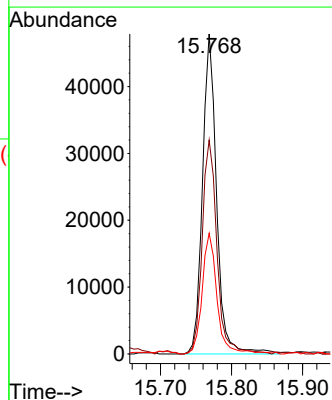
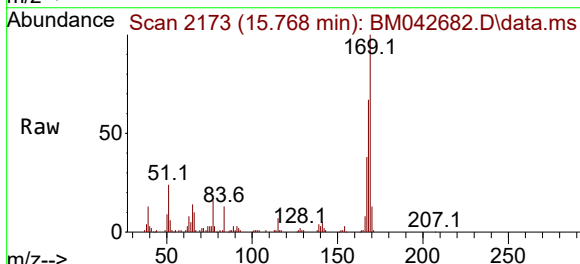
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

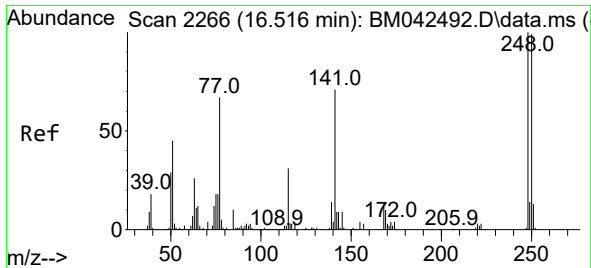
Tgt Ion:198 Resp: 2981
Ion Ratio Lower Upper
198 100
51 85.9 42.4 82.4#
105 47.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 8.441 ng
RT: 15.768 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:169 Resp: 66424
Ion Ratio Lower Upper
169 100
168 66.8 55.9 83.9
167 37.7 29.8 44.8

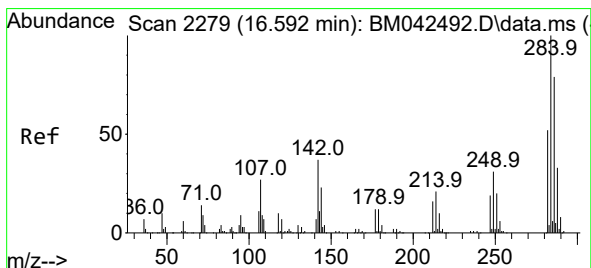
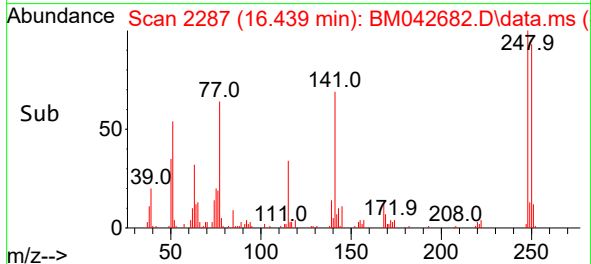
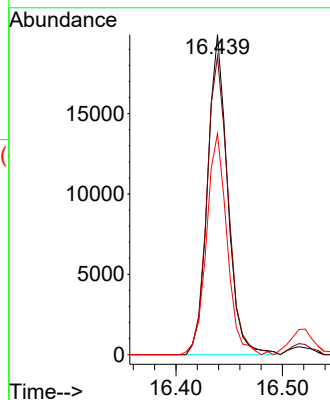
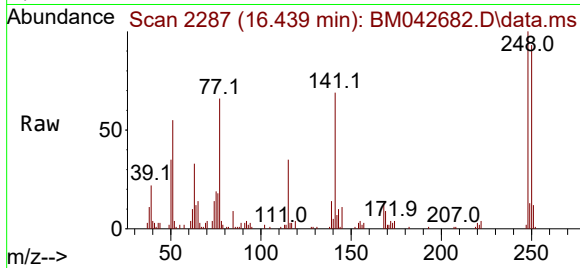




#67
4-Bromophenyl-phenylether
Concen: 9.322 ng
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

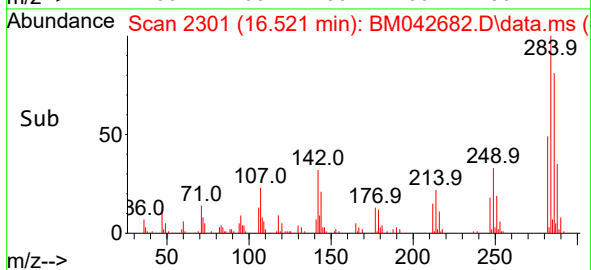
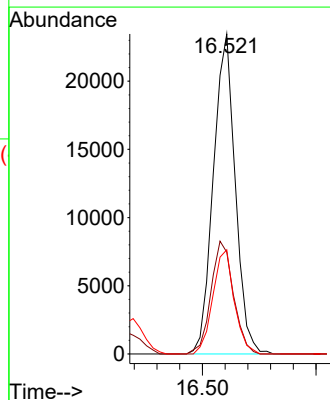
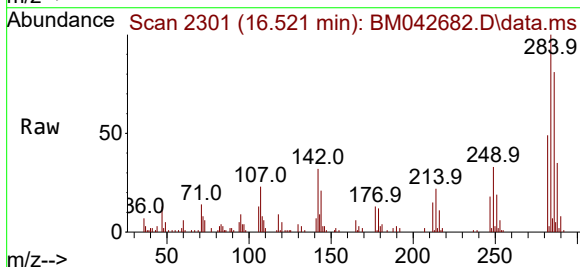
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

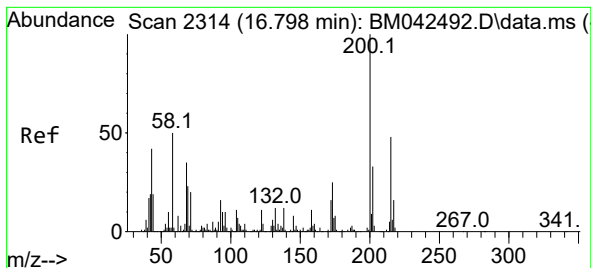
Tgt Ion:248 Resp: 26013
Ion Ratio Lower Upper
248 100
250 93.2 79.4 119.0
141 69.1 57.0 85.6



#68
Hexachlorobenzene
Concen: 10.177 ng
RT: 16.521 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:284 Resp: 31417
Ion Ratio Lower Upper
284 100
142 31.8 29.8 44.6
249 32.6 25.1 37.7





#69

Atrazine

Concen: 11.791 ng

RT: 16.715 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

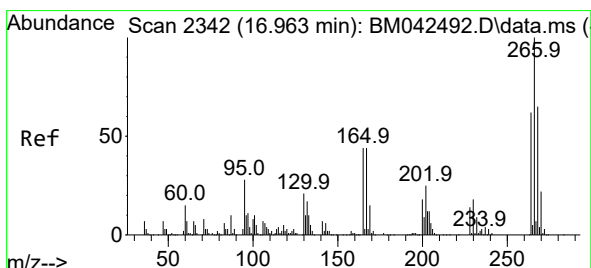
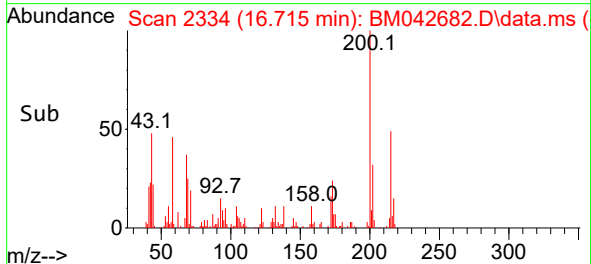
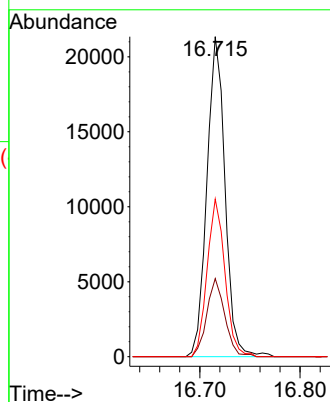
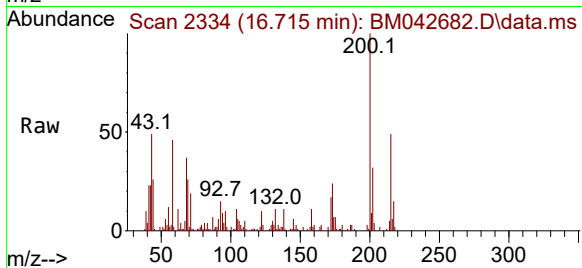
Tgt Ion:200 Resp: 26809

Ion Ratio Lower Upper

200 100

173 24.4 5.4 45.4

215 49.2 27.9 67.9



#70

Pentachlorophenol

Concen: 16.696 ng

RT: 16.886 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

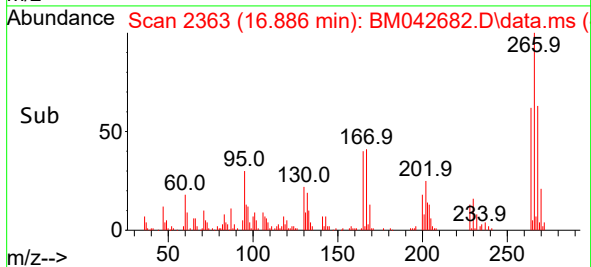
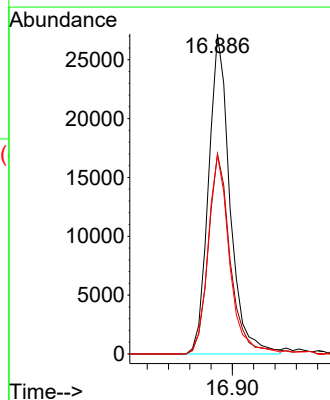
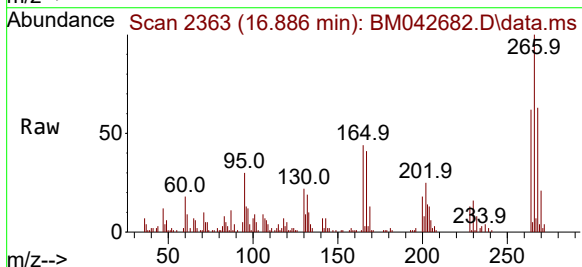
Tgt Ion:266 Resp: 37893

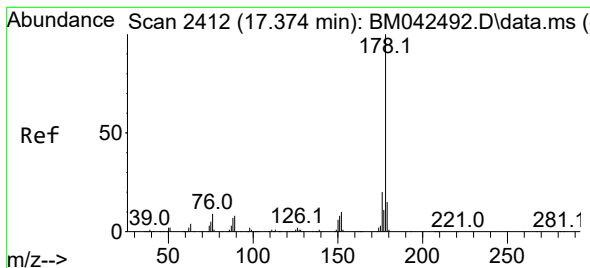
Ion Ratio Lower Upper

266 100

268 62.5 51.7 77.5

264 62.1 49.4 74.2





#71

Phenanthrene

Concen: 16.615 ng

RT: 17.298 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

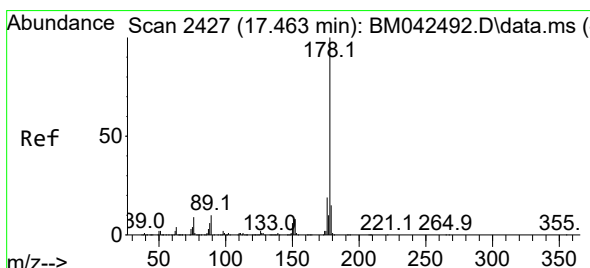
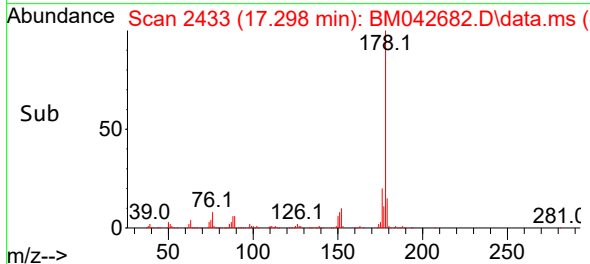
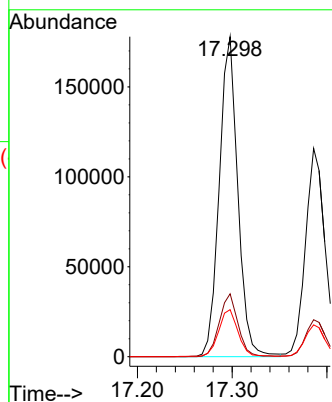
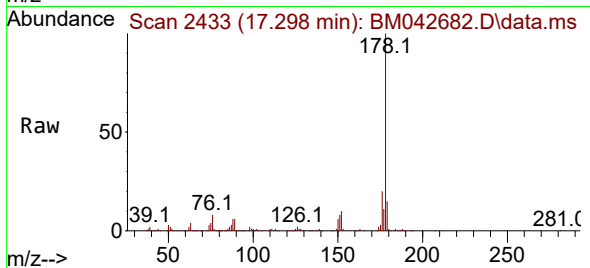
Tgt Ion:178 Resp: 242323

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 14.7 12.2 18.4



#72

Anthracene

Concen: 11.510 ng

RT: 17.386 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

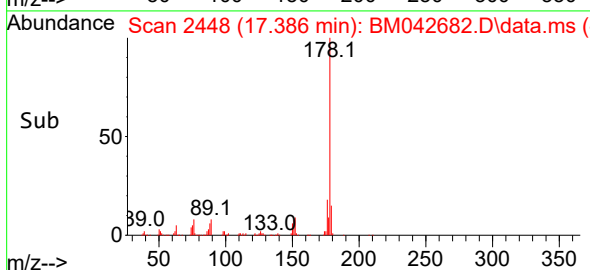
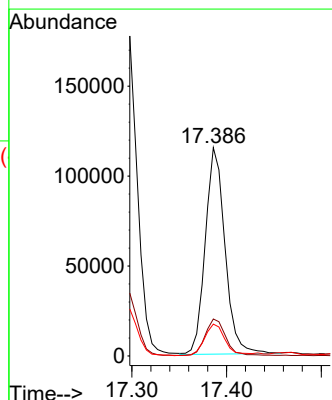
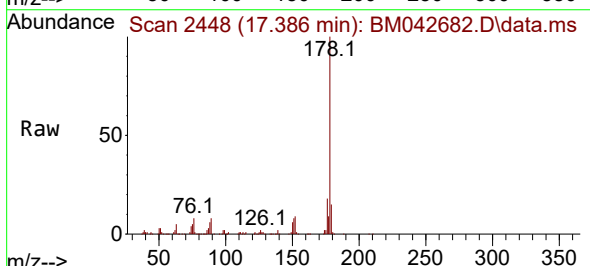
Tgt Ion:178 Resp: 166266

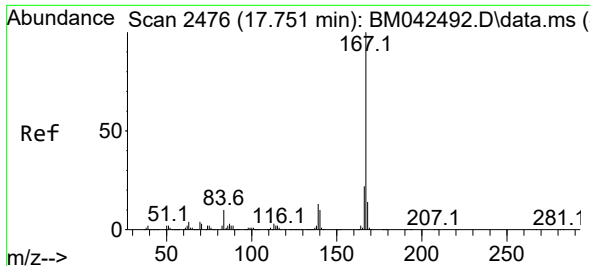
Ion Ratio Lower Upper

178 100

176 17.8 15.2 22.8

179 15.2 12.3 18.5

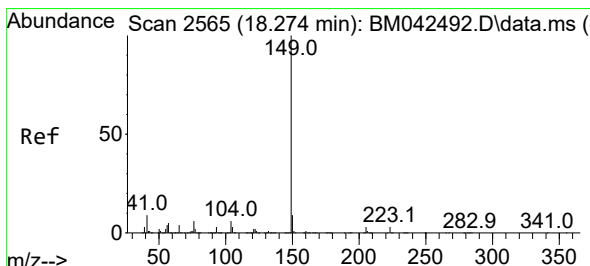
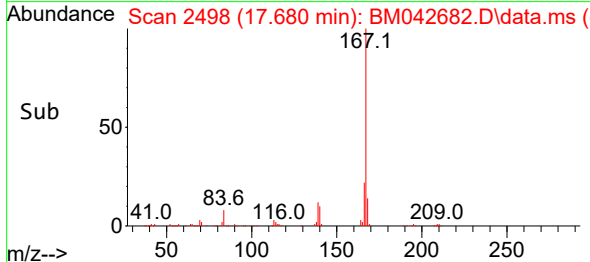
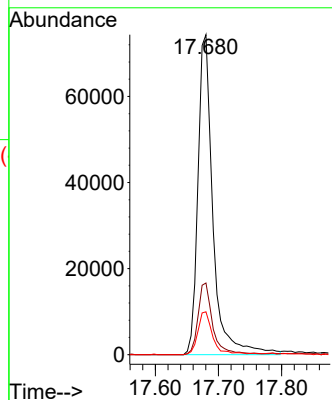
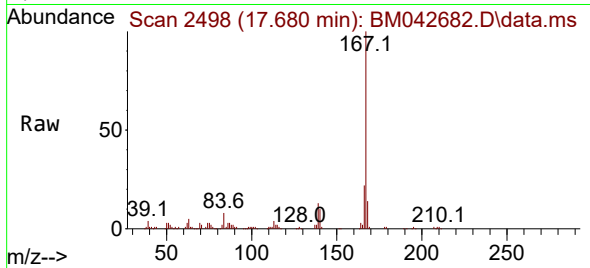




#73
 Carbazole
 Concen: 10.431 ng
 RT: 17.680 min Scan# 2476
 Delta R.T. 0.000 min
 Lab File: BM042682.D
 Acq: 09 Nov 2023 21:34

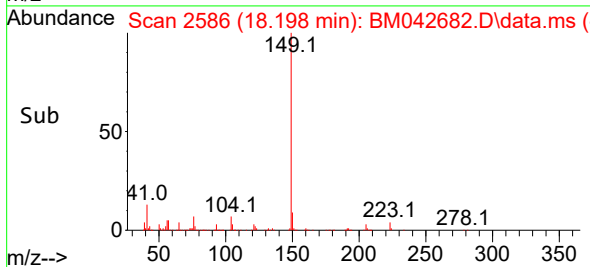
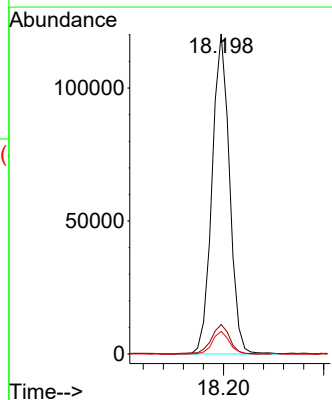
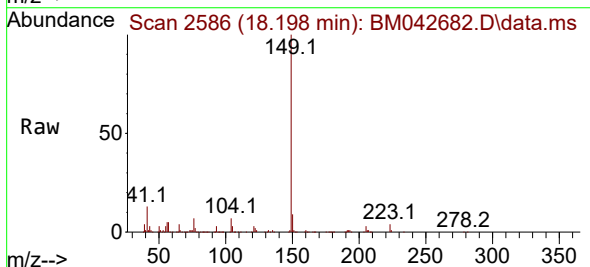
Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MS

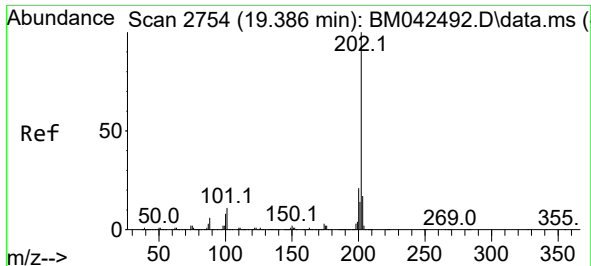
Tgt Ion:167 Resp: 122588
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.2
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 8.816 ng
 RT: 18.198 min Scan# 2586
 Delta R.T. 0.000 min
 Lab File: BM042682.D
 Acq: 09 Nov 2023 21:34

Tgt Ion:149 Resp: 145493
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 7.0 4.6 6.8#

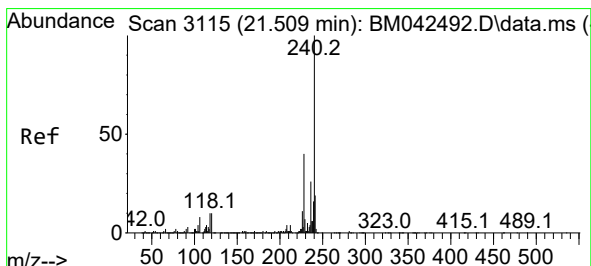
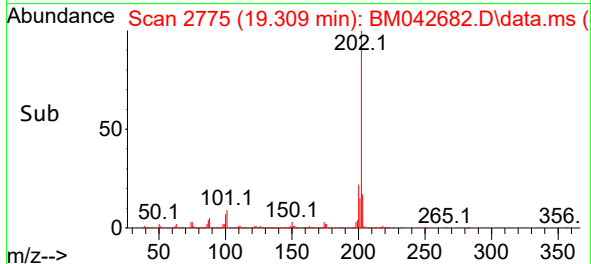
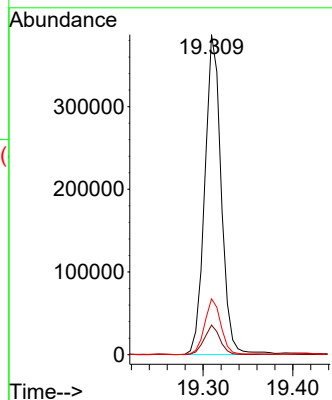
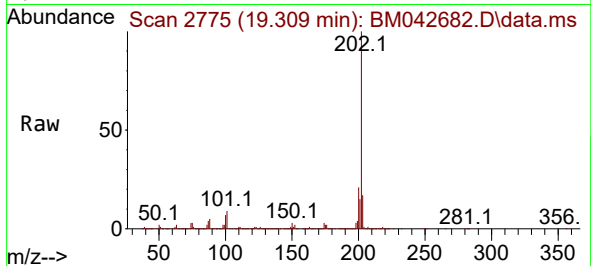




#75
Fluoranthene
Concen: 28.672 ng
RT: 19.309 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

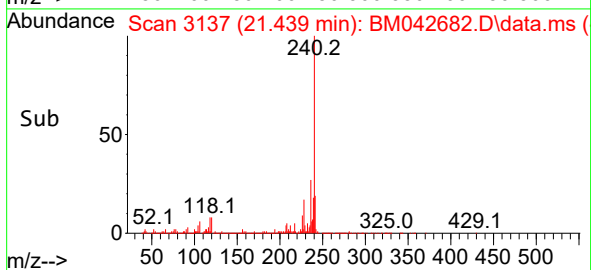
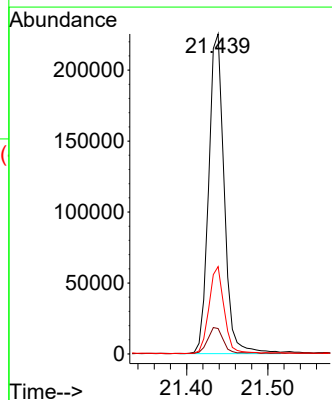
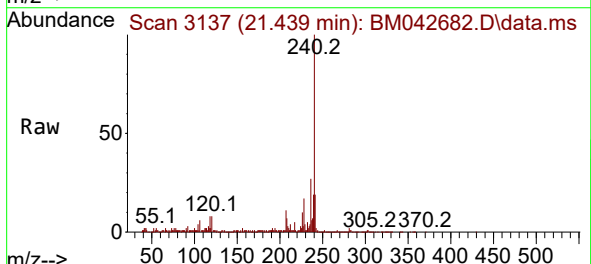
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

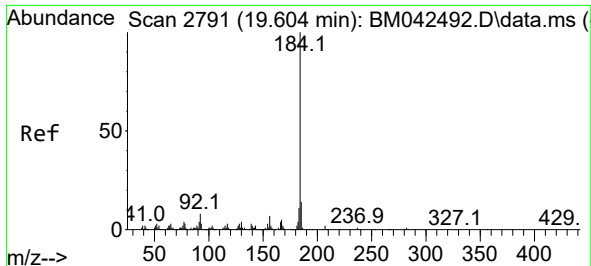
Tgt Ion:202 Resp: 491201
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.5
203 17.4 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:240 Resp: 299081
Ion Ratio Lower Upper
240 100
120 8.0 8.3 12.5#
236 27.3 20.8 31.2

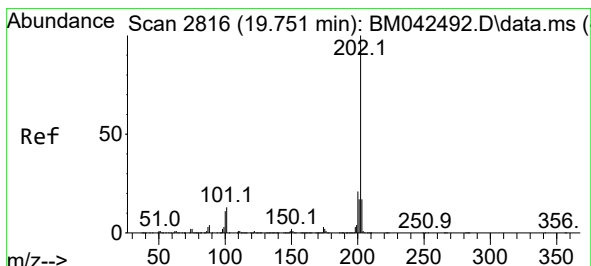
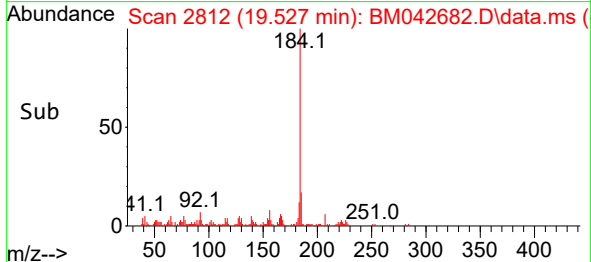
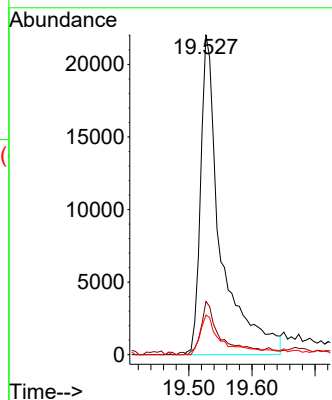
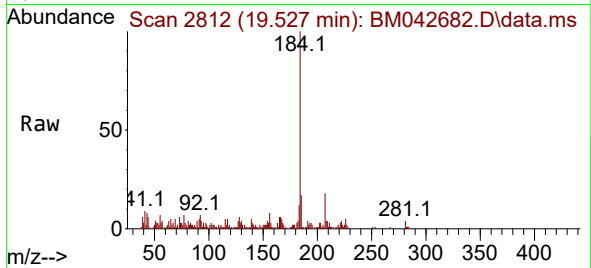




#77
Benzidine
Concen: 17.050 ng
RT: 19.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

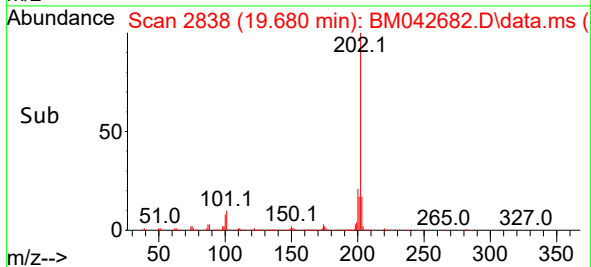
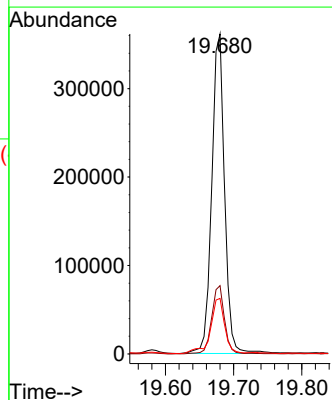
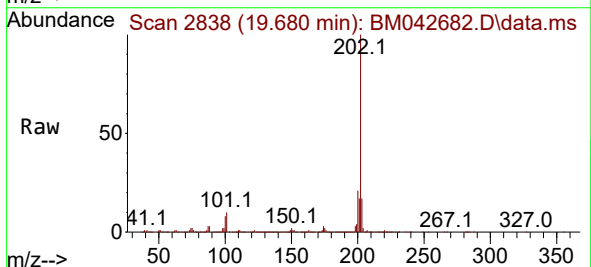
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

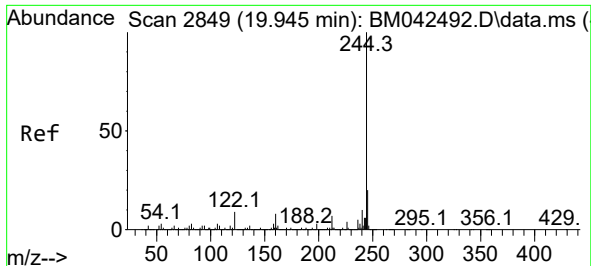
Tgt Ion:184 Resp: 48915
Ion Ratio Lower Upper
184 100
185 16.7 11.2 16.8
183 12.4 9.0 13.4



#78
Pyrene
Concen: 23.099 ng
RT: 19.680 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:202 Resp: 474378
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.4 13.7 20.5

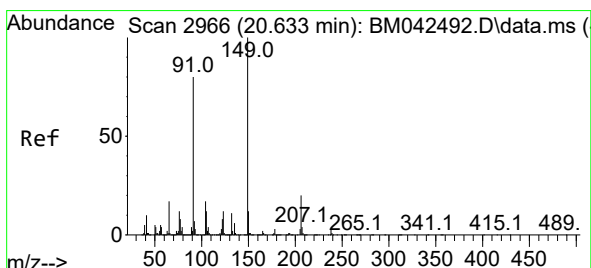
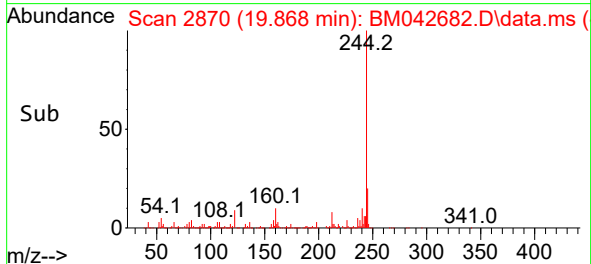
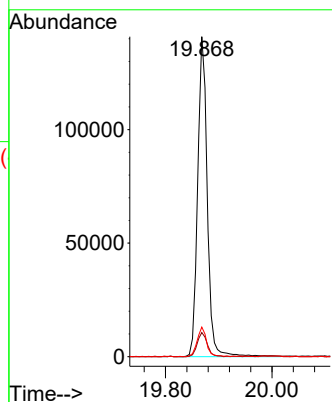
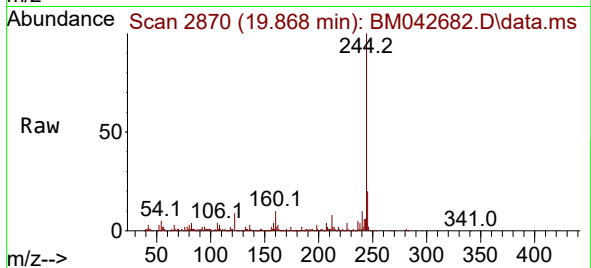




#79
 Terphenyl-d14
 Concen: 10.023 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042682.D
 Acq: 09 Nov 2023 21:34

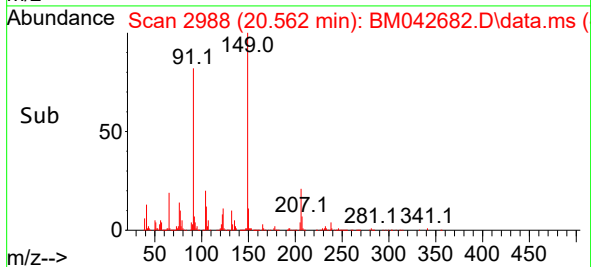
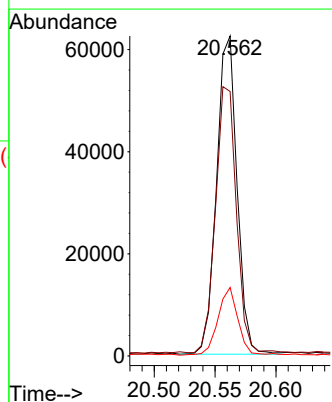
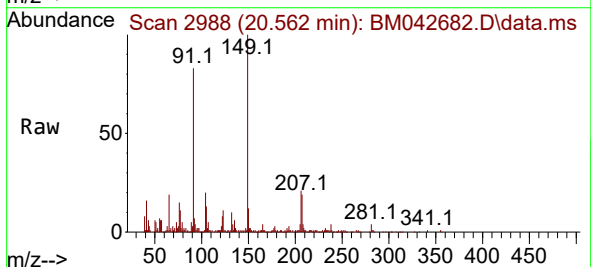
Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MS

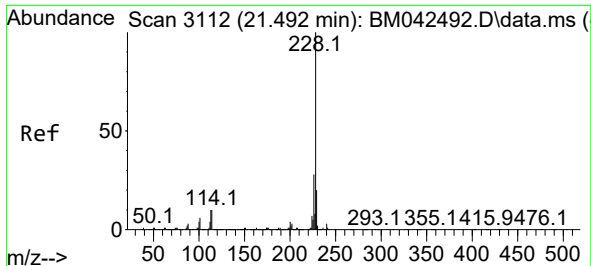
Tgt Ion:244 Resp: 176793
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 9.3 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 8.319 ng
 RT: 20.562 min Scan# 2988
 Delta R.T. 0.000 min
 Lab File: BM042682.D
 Acq: 09 Nov 2023 21:34

Tgt Ion:149 Resp: 72970
 Ion Ratio Lower Upper
 149 100
 91 82.6 64.2 96.4
 206 21.4 16.1 24.1

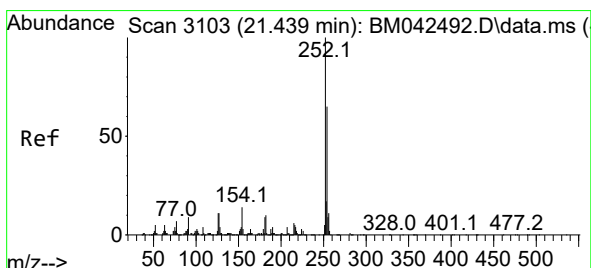
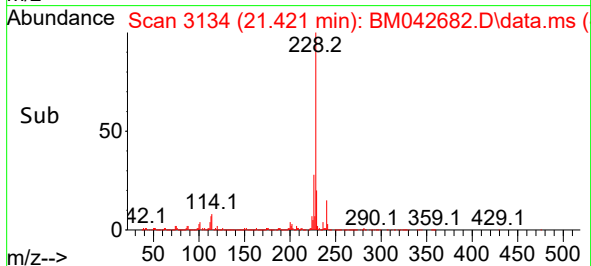
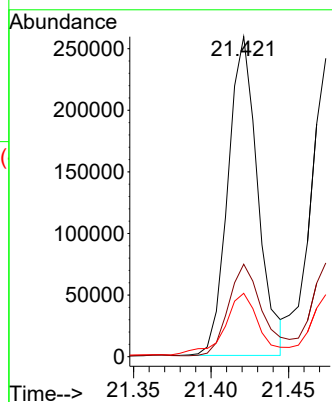
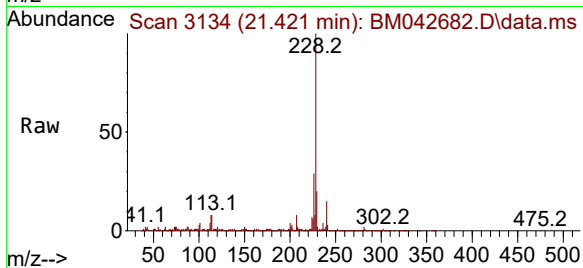




#81
Benzo(a)anthracene
Concen: 18.205 ng
RT: 21.421 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

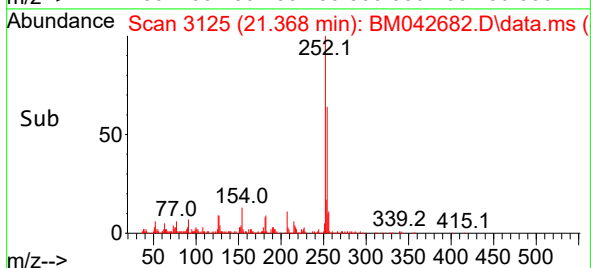
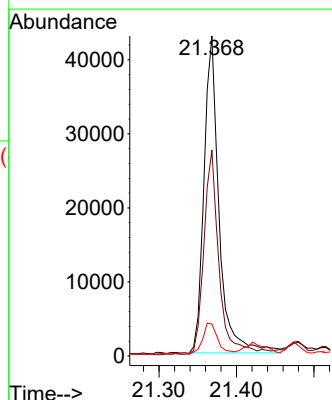
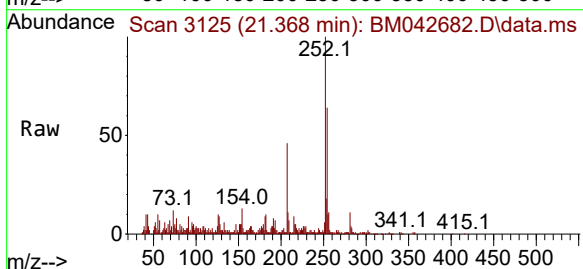
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

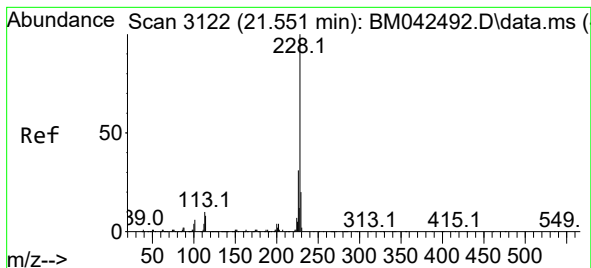
Tgt Ion:228 Resp: 346423
Ion Ratio Lower Upper
228 100
226 28.9 22.3 33.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 9.591 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:252 Resp: 58006
Ion Ratio Lower Upper
252 100
254 64.3 52.2 78.4
126 10.0 8.9 13.3





#83

Chrysene

Concen: 16.670 ng

RT: 21.474 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

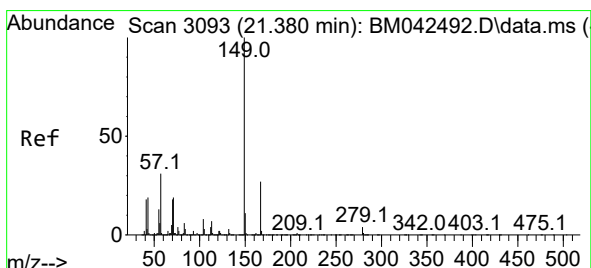
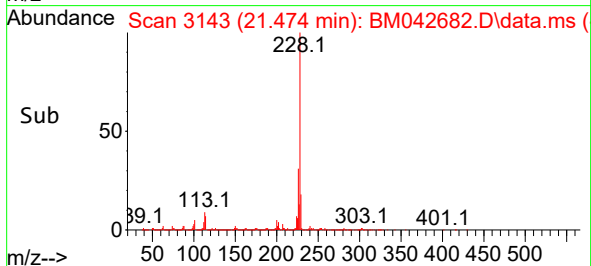
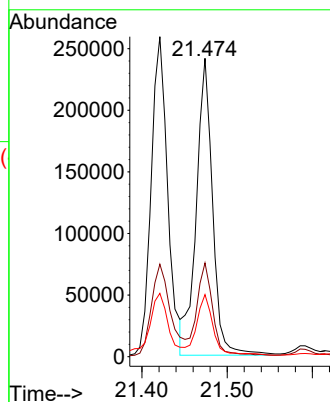
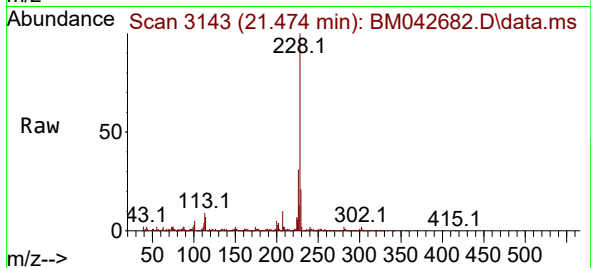
Tgt Ion:228 Resp: 322228

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

229 20.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.076 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

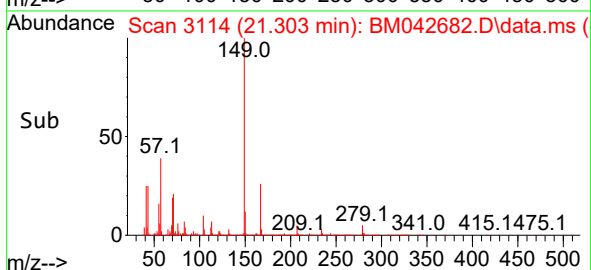
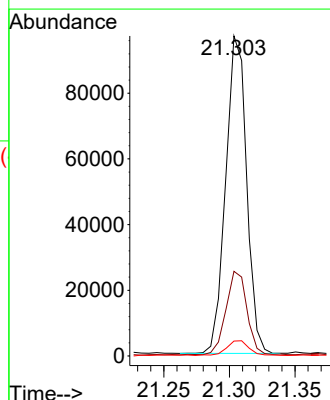
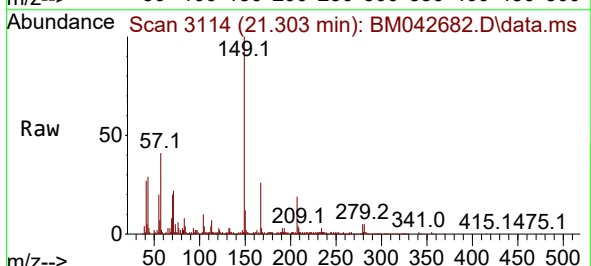
Tgt Ion:149 Resp: 107052

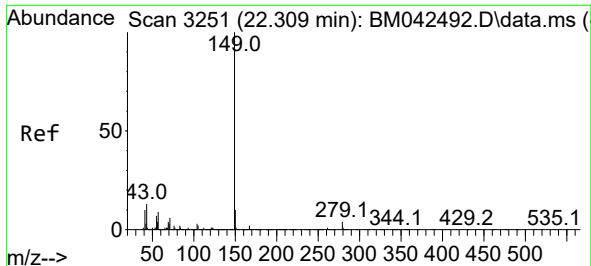
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.6 3.4 5.2

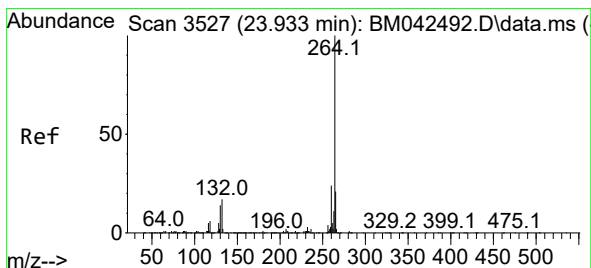
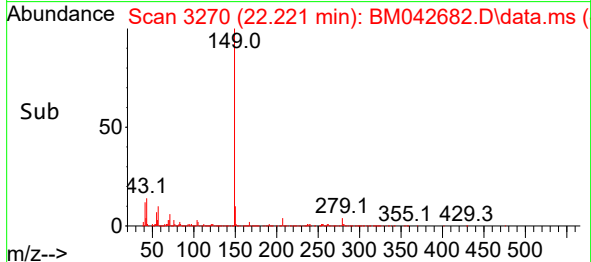
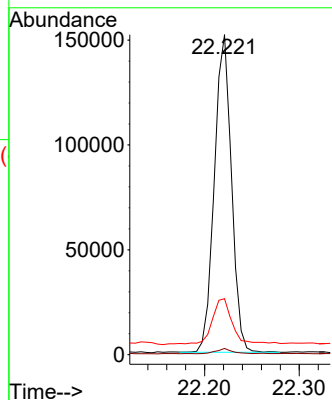
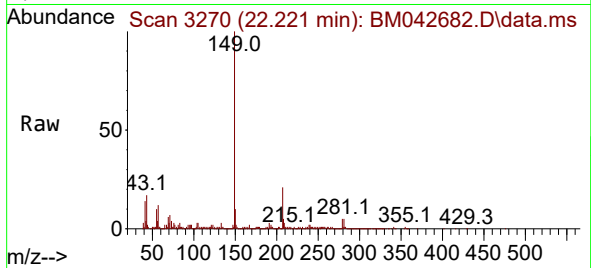




#85
Di-n-octyl phthalate
Concen: 8.334 ng
RT: 22.221 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

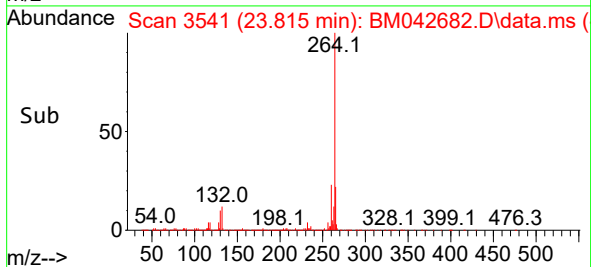
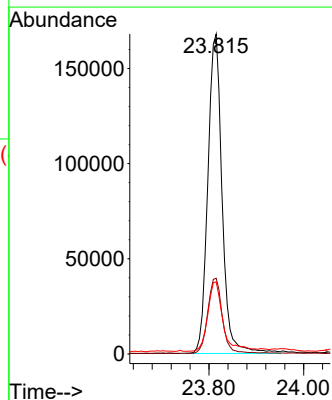
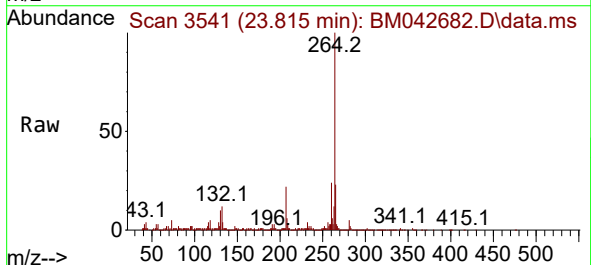
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

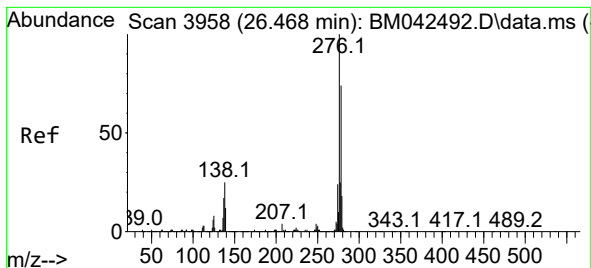
Tgt Ion:149 Resp: 190154
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 17.6 10.2 15.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.815 min Scan# 3541
Delta R.T. 0.000 min
Lab File: BM042682.D
Acq: 09 Nov 2023 21:34

Tgt Ion:264 Resp: 352082
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.5 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 14.756 ng

RT: 26.285 min Scan# 3958

Delta R.T. -0.018 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

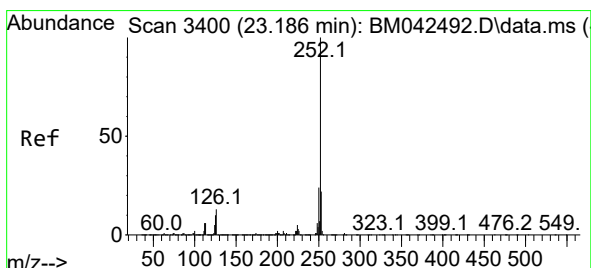
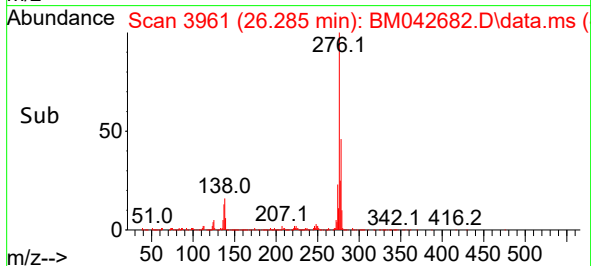
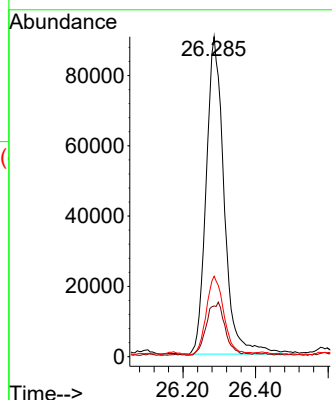
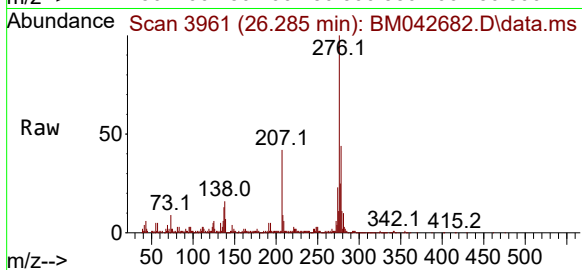
Tgt Ion:276 Resp: 309218

Ion Ratio Lower Upper

276 100

138 17.3 20.6 31.0#

277 24.5 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 18.382 ng

RT: 23.080 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

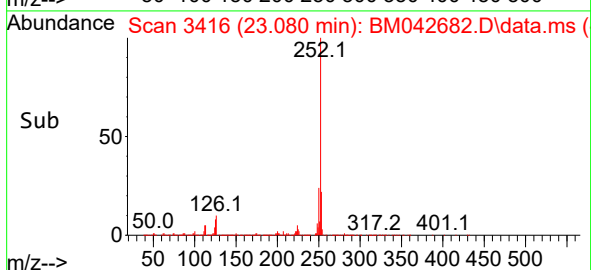
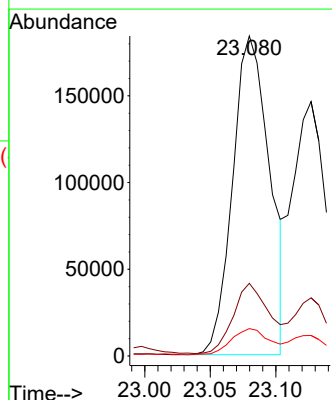
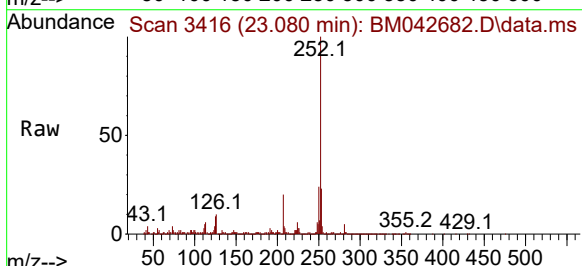
Tgt Ion:252 Resp: 360566

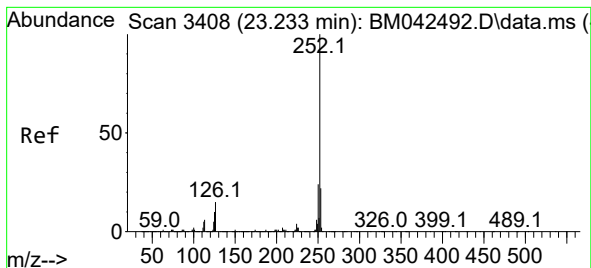
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 8.6 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 16.496 ng

RT: 23.080 min Scan# 34

Delta R.T. -0.059 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

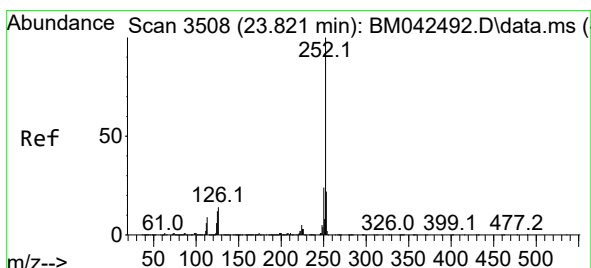
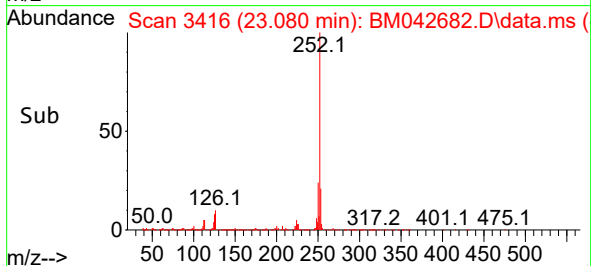
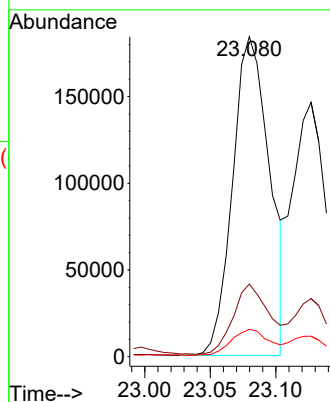
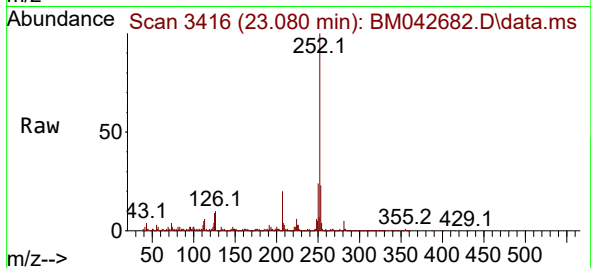
Tgt Ion:252 Resp: 360566

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 8.6 8.2 12.4



#90

Benzo(a)pyrene

Concen: 5.016 ng

RT: 23.597 min Scan# 3504

Delta R.T. -0.118 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

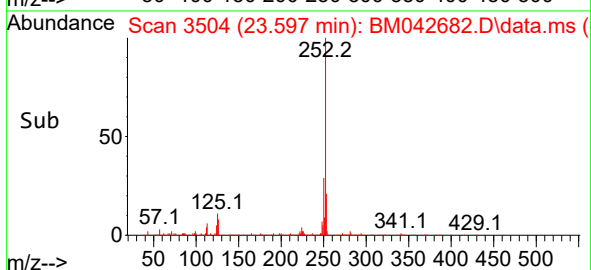
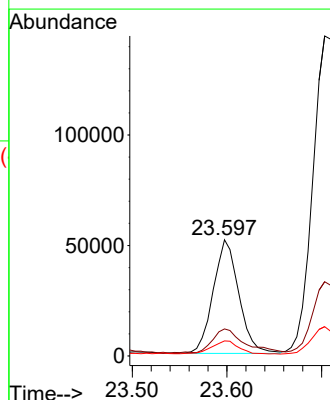
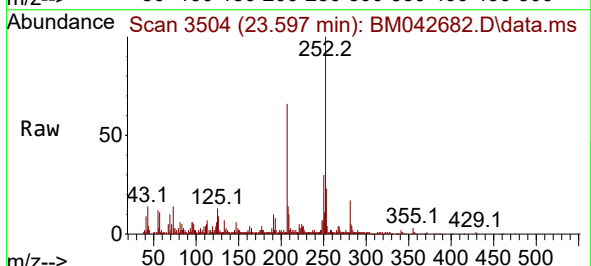
Tgt Ion:252 Resp: 96859

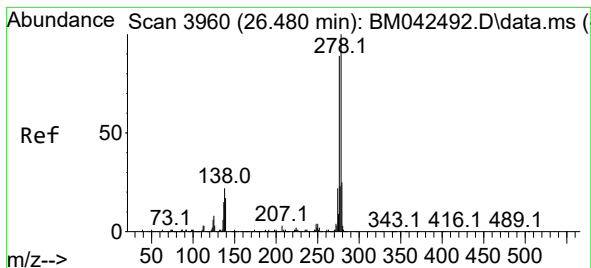
Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 13.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 13.057 ng

RT: 26.303 min Scan# 3964

Delta R.T. -0.012 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MS

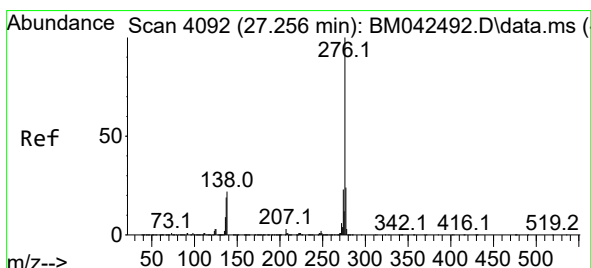
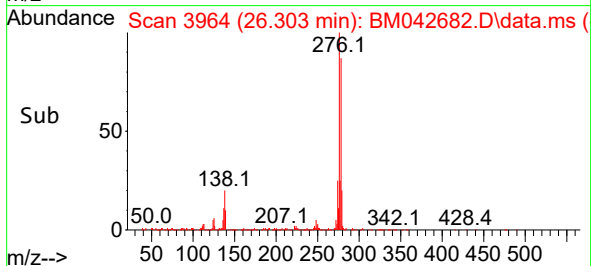
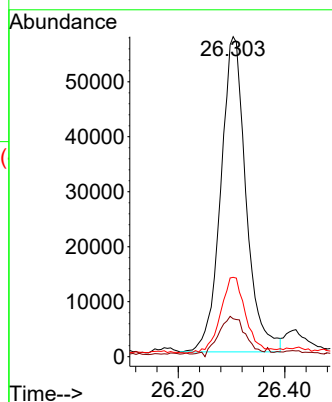
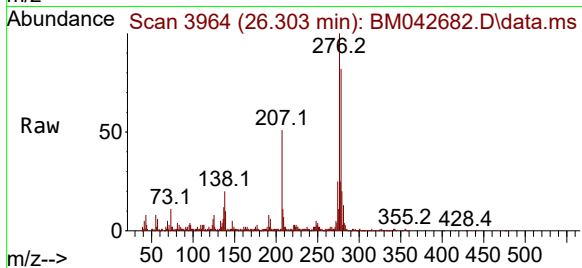
Tgt Ion:278 Resp: 188824

Ion Ratio Lower Upper

278 100

139 11.8 13.4 20.2#

279 24.8 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 14.275 ng

RT: 27.068 min Scan# 4094

Delta R.T. -0.012 min

Lab File: BM042682.D

Acq: 09 Nov 2023 21:34

Tgt Ion:276 Resp: 263647

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 16.5 17.3 25.9#

