

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042887.D
 Acq On : 18 Nov 2023 18:32
 Operator : MA/JU
 Sample : 05370-11MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 22:09:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	15738	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	66068	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	45328	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	102855	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	121995	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	124854	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	4207	8.388	ng/uL	0.00
4) Pyridine-d5	3.616	84	22337	17.904	ng/u1	0.01
7) Phenol-d5	6.987	99	14694	9.593	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	65465	60.824	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	45788	38.742	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	28784	23.867	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	91	0.157	ng/u1	0.08
24) 2-Nitrophenol-d4	9.722	143	32238	47.575	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	56945	45.196	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	67944	42.472	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	235953	55.001	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	244503	53.267	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	18113	37.371	ng/u1	0.04
60) Fluorene-d10	15.463	176	197993	55.734	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	41179	52.855	ng/u1	0.00
73) Anthracene-d10	17.327	188	339221	58.849	ng/u1	0.00
81) Pyrene-d10	19.621	212	461404	57.757	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	482646	64.626	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	4972	9.309	ng/uL#	91
5) Pyridine	3.634	79	28483	20.995	ng/u1	94
6) Benzaldehyde	6.981	77	50845	57.857	ng/u1	91
8) Phenol	7.010	94	16311	10.706	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.257	93	71397	56.731	ng/u1	92
12) 2-Chlorophenol	7.369	128	48148	40.935	ng/u1#	86
13) 2-Methylphenol	8.263	108	34545	30.406	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.328	45	79457	34.682	ng/u1	95
16) Acetophenone	8.669	105	106779	52.655	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.634	70	69366	56.190	ng/u1	88
18) 4-Methylphenol	8.598	108	32176	26.049	ng/u1	100
19) Hexachloroethane	8.863	117	32337	49.327	ng/u1	84
22) Nitrobenzene	9.057	77	105490	60.255	ng/u1	95
23) Isophorone	9.563	82	186160	53.389	ng/u1	97
25) 2-Nitrophenol	9.757	139	33748	49.020	ng/u1	86
26) 2,4-Dimethylphenol	9.798	107	50999	34.622	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.051	93	97993	55.615	ng/u1	97
29) 2,4-Dichlorophenol	10.275	162	57309	48.041	ng/u1	97
30) Naphthalene	10.675	128	209254	50.556	ng/u1	99
32) 4-Chloroaniline	10.828	127	61642	40.164	ng/u1	98
33) Hexachlorobutadiene	10.892	225	51745	49.106	ng/u1	94
34) Caprolactam	11.669	113	1206	3.410	ng/u1#	71
35) 4-Chloro-3-methylphenol	11.934	107	57343	44.860	ng/u1	96
36) 2-Methylnaphthalene	12.286	142	144374	52.044	ng/u1	96

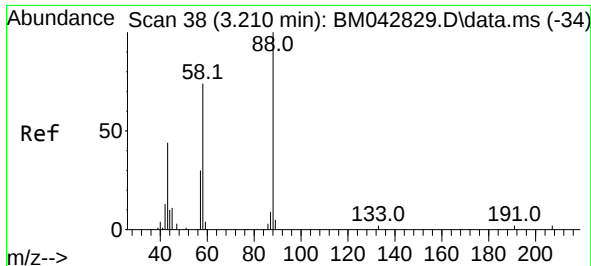
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042887.D
 Acq On : 18 Nov 2023 18:32
 Operator : MA/JU
 Sample : 05370-11MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 22:09:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

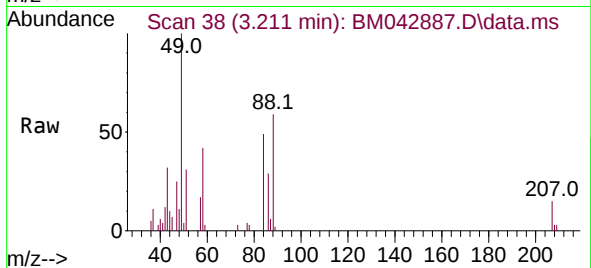
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	146151	50.109	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	94169	52.972	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	28371	33.710	ng/ul	96
41) 2,4,6-Trichlorophenol	12.904	196	56355	51.899	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	58049	55.364	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	204258	54.034	ng/ul	97
44) 2-Chloronaphthalene	13.351	162	165025	54.266	ng/ul	96
45) 2-Nitroaniline	13.604	65	66917	67.472	ng/ul#	83
47) Dimethylphthalate	13.945	163	234222	56.055	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	44388	56.545	ng/ul	87
50) Acenaphthylene	14.198	152	285387	55.488	ng/ul	99
51) 3-Nitroaniline	14.439	138	32271	50.273	ng/ul	95
52) Acenaphthene	14.533	153	192565	55.360	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	17050	43.682	ng/ul	87
55) 4-Nitrophenol	14.763	109	12388	16.242	ng/ul#	22
56) Dibenzofuran	14.875	168	278188	57.621	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	69431	60.246	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	61133	56.168	ng/ul#	98
59) Diethylphthalate	15.292	149	258391	58.972	ng/ul	100
61) Fluorene	15.522	166	251300	61.309	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	136188	61.651	ng/ul	96
63) 4-Nitroaniline	15.610	138	30509	52.133	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.627	198	43667	55.053	ng/ul#	89
67) N-Nitrosodiphenylamine	15.745	169	196148	60.804	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	82282	60.100	ng/ul	95
69) Hexachlorobenzene	16.492	284	101607	60.709	ng/ul	96
70) Atrazine	16.692	200	72330	58.209	ng/ul	97
71) Pentachlorophenol	16.863	266	51386	53.318	ng/ul	97
72) Phenanthrene	17.269	178	402562	62.650	ng/ul	98
74) Anthracene	17.363	178	402262	62.239	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	99608	54.768	ng/uL	97
76) Pentachlorobenzene	14.763	250	110565	57.938	ng/uL	99
77) Carbazole	17.651	167	326242	61.130	ng/ul	99
78) Di-n-butylphthalate	18.168	149	470500	60.290	ng/ul	99
80) Fluoranthene	19.286	202	530437	58.234	ng/ul	99
82) Pyrene	19.651	202	578808	59.930	ng/ul	98
83) Butylbenzylphthalate	20.533	149	223463	54.170	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.345	252	158457	50.750	ng/ul	100
85) Benzo(a)anthracene	21.398	228	597902	62.434	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	338184	54.033	ng/ul	99
87) Chrysene	21.451	228	574980	61.909	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	599187	59.411	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	601553	70.600	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	611485	67.417	ng/ul	99
93) Benzo(a)pyrene	23.668	252	572742	68.982	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.233	276	702826	68.112	ng/ul	98
95) Dibenzo(a,h)anthracene	26.244	278	585704	68.465	ng/ul	99
96) Benzo(g,h,i)perylene	26.997	276	550620	67.199	ng/ul	99

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

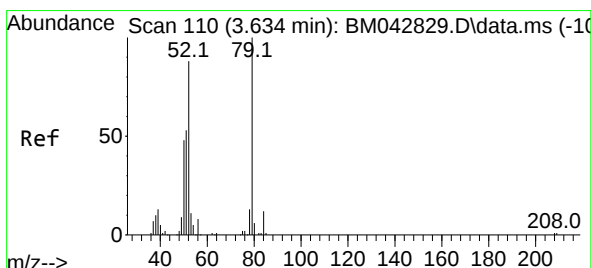
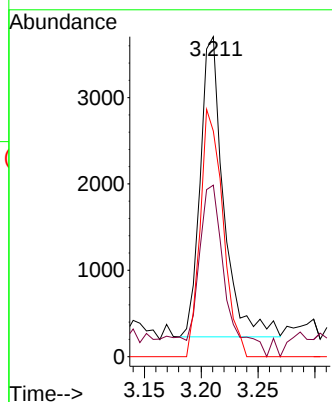
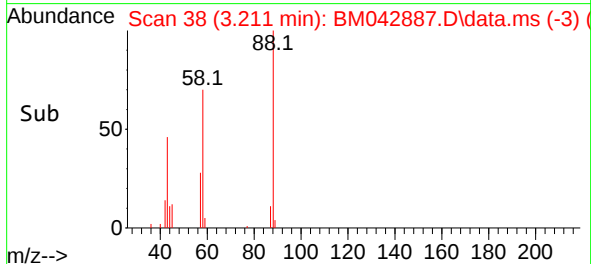


#2
1,4-Dioxane
Concen: 9.309 ng/uL
RT: 3.211 min Scan# 38
Delta R.T. 0.006 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Instrument :
BNA_M
ClientSampleId :

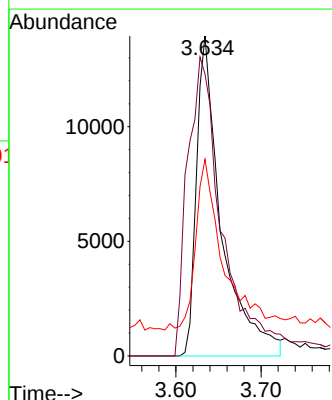
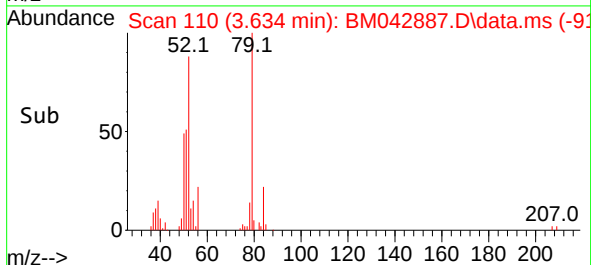
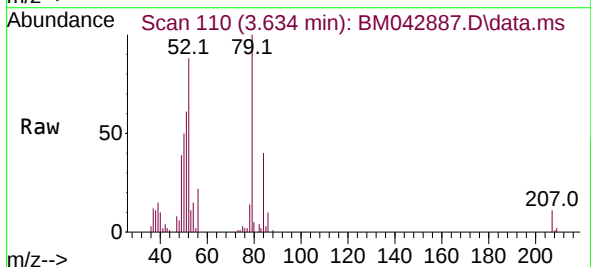


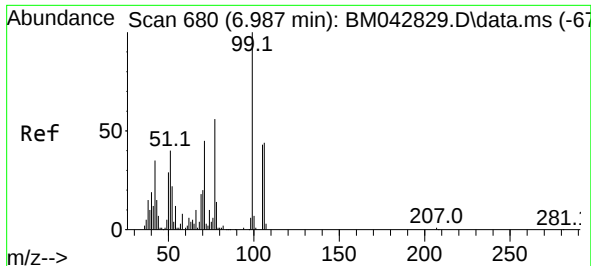
Tgt Ion: 88 Resp: 4972
Ion Ratio Lower Upper
88 100
43 53.6 34.3 51.5#
58 70.5 59.4 89.0



#5
Pyridine
Concen: 20.995 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. 0.012 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion: 79 Resp: 28483
Ion Ratio Lower Upper
79 100
52 88.1 74.6 111.8
51 61.5 44.6 67.0

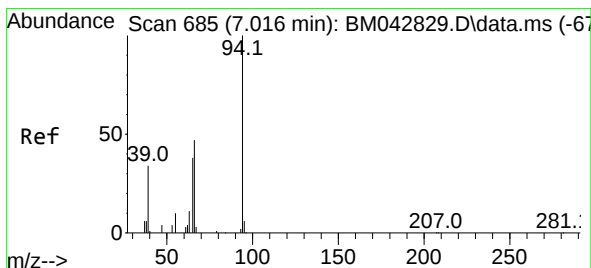
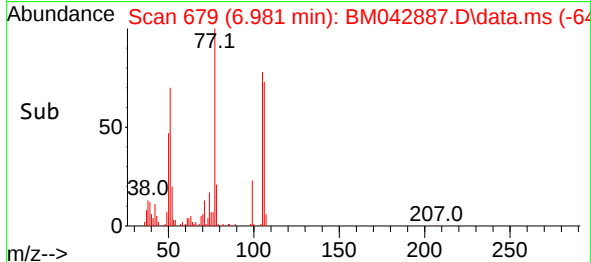
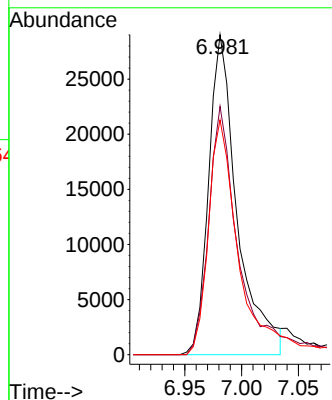
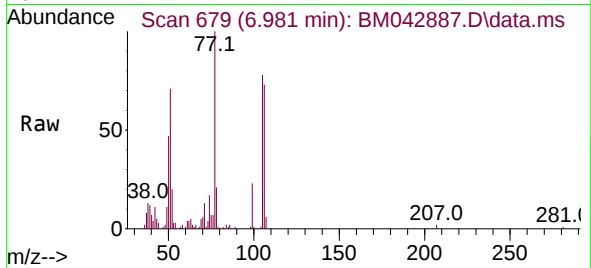




#6
Benzaldehyde
Concen: 57.857 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

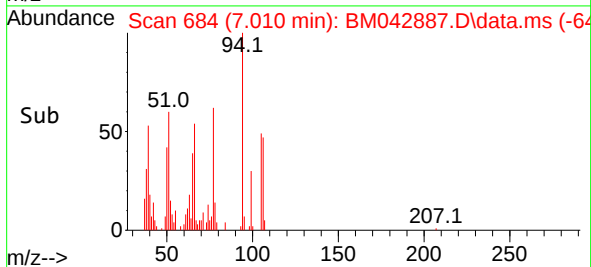
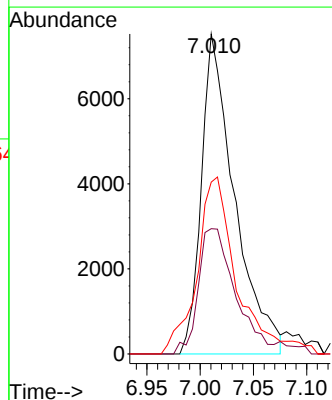
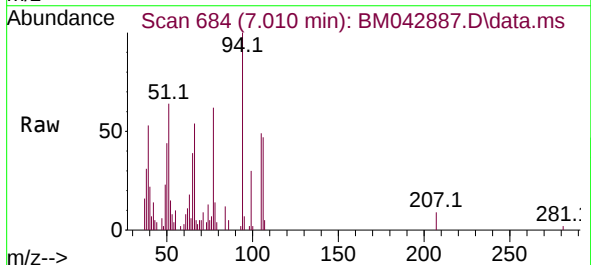
Instrument :
BNA_M
ClientSampleId :

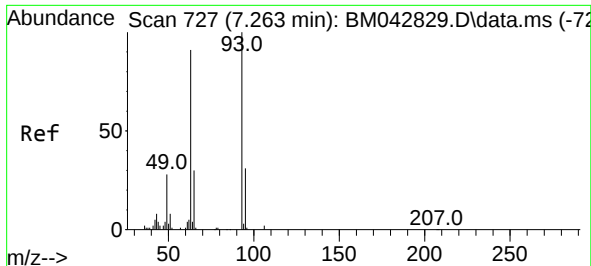
Tgt Ion: 77 Resp: 50845
Ion Ratio Lower Upper
77 100
105 77.6 69.6 104.4
106 73.4 64.2 96.2



#8
Phenol
Concen: 10.706 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. 0.006 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

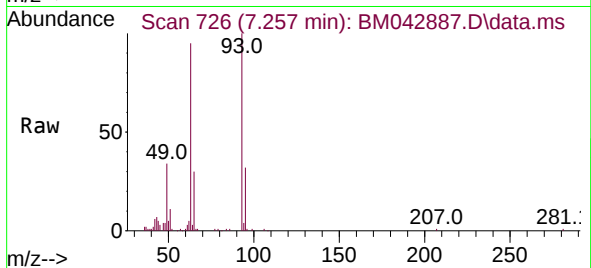
Tgt Ion: 94 Resp: 16311
Ion Ratio Lower Upper
94 100
65 39.2 30.3 45.5
66 53.7 39.9 59.9



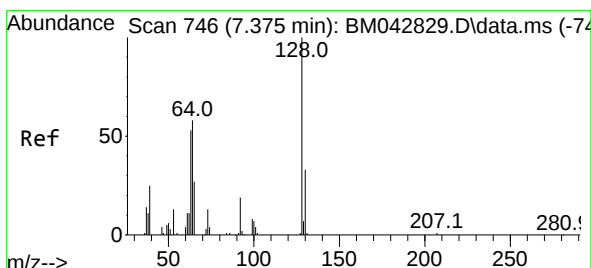
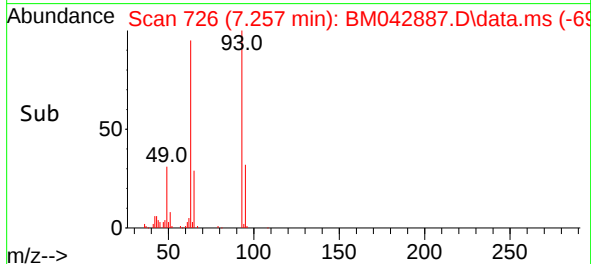
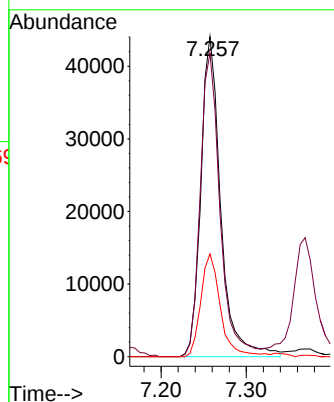


#10
Bis(2-Chloroethyl)ether
Concen: 56.731 ng/ul
RT: 7.257 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Instrument :
BNA_M
ClientSampleId :

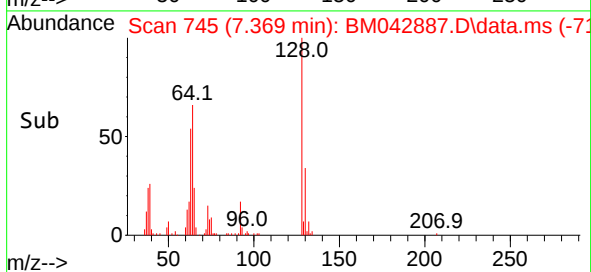
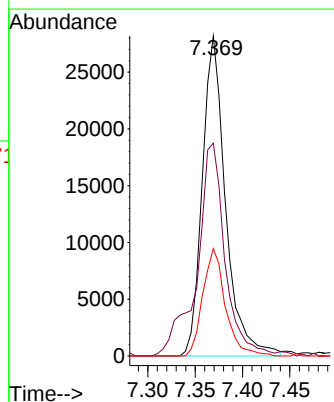
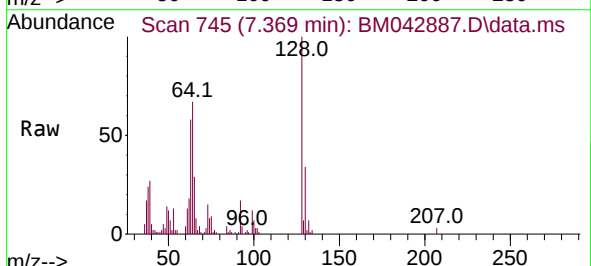


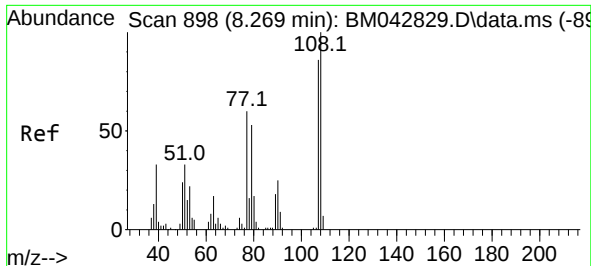
Tgt Ion: 93 Resp: 71397
Ion Ratio Lower Upper
93 100
63 94.9 68.6 102.8
95 32.1 24.8 37.2



#12
2-Chlorophenol
Concen: 40.935 ng/ul
RT: 7.369 min Scan# 745
Delta R.T. 0.006 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:128 Resp: 48148
Ion Ratio Lower Upper
128 100
64 66.5 42.9 64.3#
130 33.5 23.9 35.9

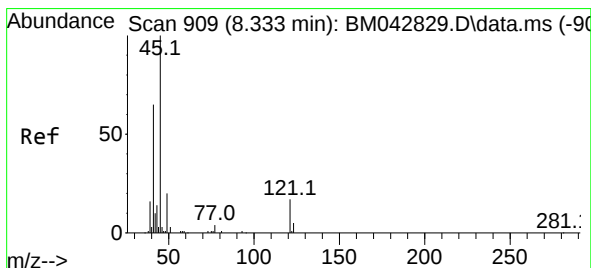
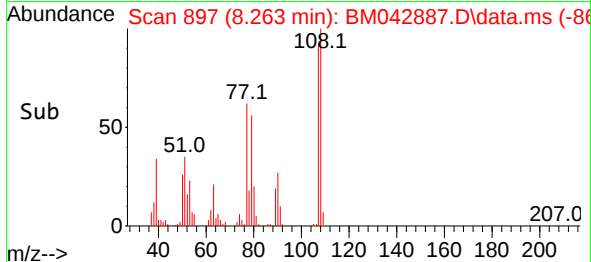
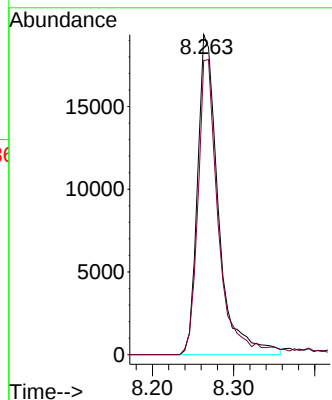
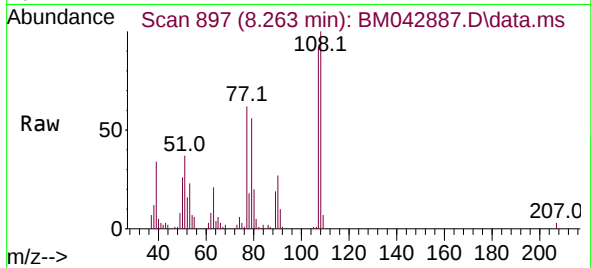




#13
2-Methylphenol
Concen: 30.406 ng/ul
RT: 8.263 min Scan# 898
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

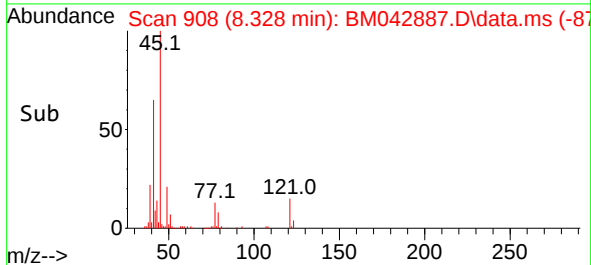
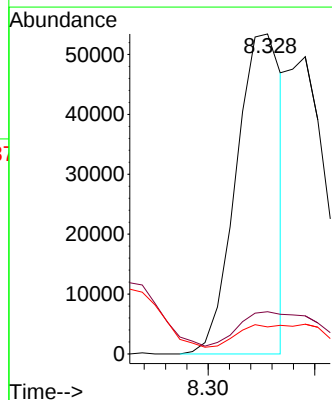
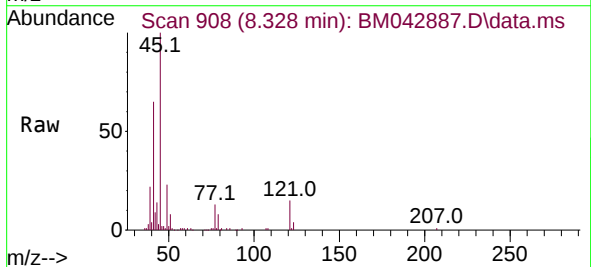
Instrument :
BNA_M
ClientSampleId :

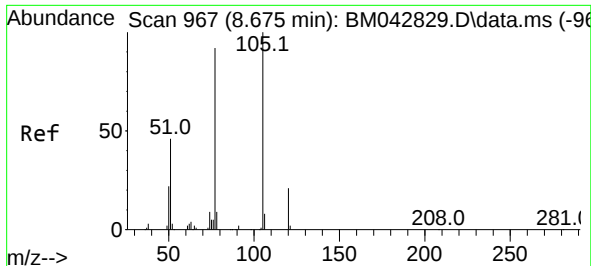
Tgt Ion:108 Resp: 34545
Ion Ratio Lower Upper
108 100
107 91.9 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 34.682 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

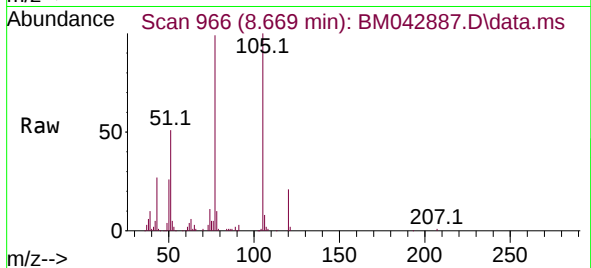
Tgt Ion: 45 Resp: 79457
Ion Ratio Lower Upper
45 100
77 13.2 12.2 18.2
79 8.4 8.2 12.2



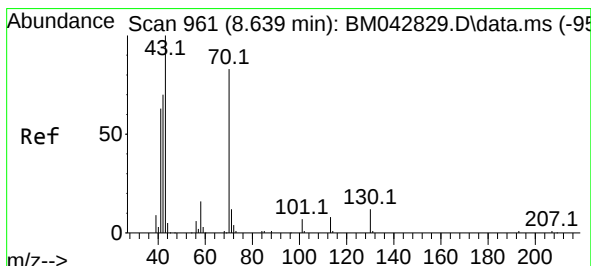
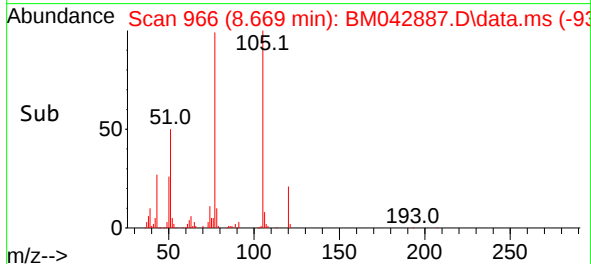
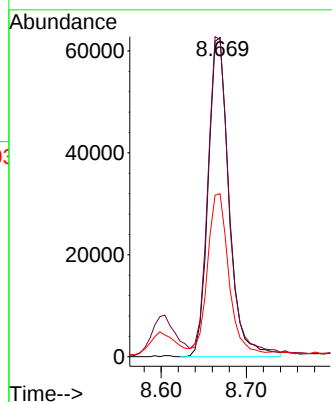


#16
Acetophenone
Concen: 52.655 ng/ul
RT: 8.669 min Scan# 967
Delta R.T. 0.006 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Instrument :
BNA_M
ClientSampleId :

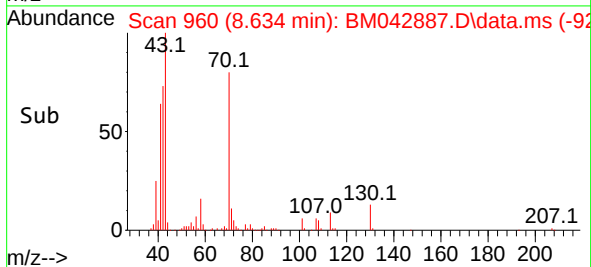
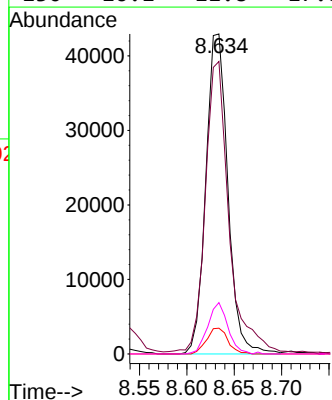
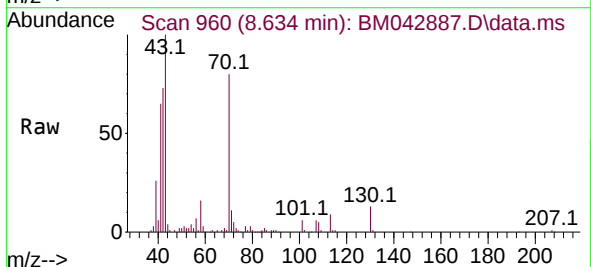


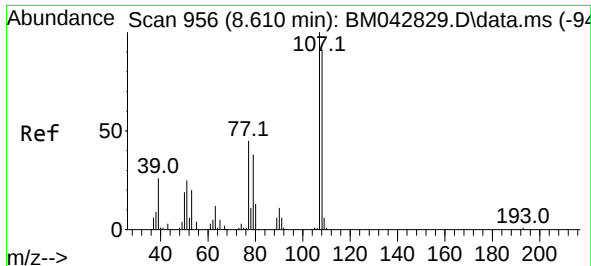
Tgt Ion:105 Resp: 106779
Ion Ratio Lower Upper
105 100
77 99.3 71.6 107.4
51 51.1 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 56.190 ng/ul
RT: 8.634 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion: 70 Resp: 69366
Ion Ratio Lower Upper
70 100
42 91.4 63.0 94.6
101 8.1 7.0 10.4
130 16.1 11.8 17.8

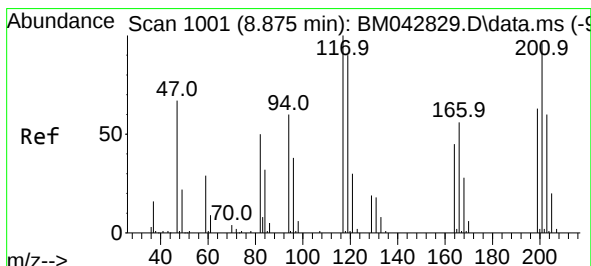
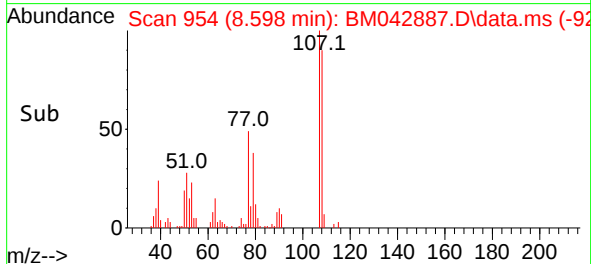
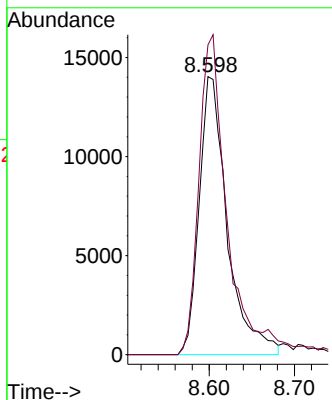
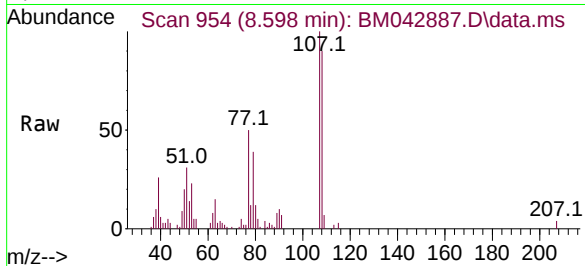




#18
4-Methylphenol
Concen: 26.049 ng/ul
RT: 8.598 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

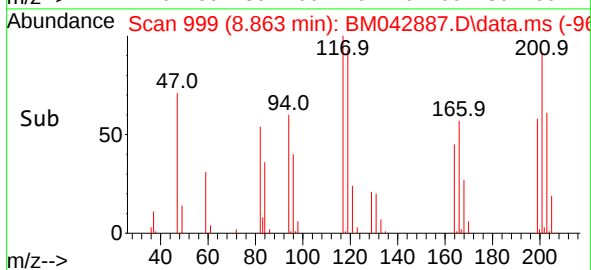
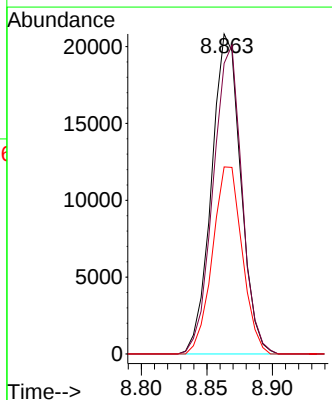
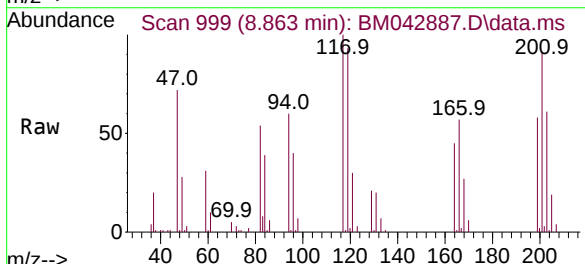
Instrument :
BNA_M
ClientSampleId :

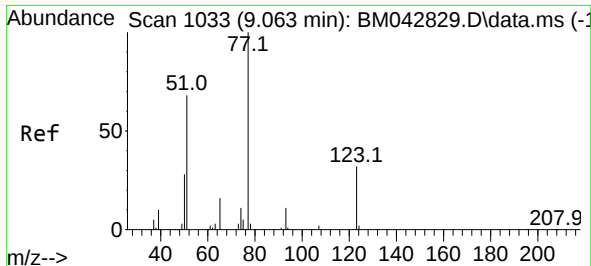
Tgt Ion:108 Resp: 32176
Ion Ratio Lower Upper
108 100
107 111.4 89.4 134.0



#19
Hexachloroethane
Concen: 49.327 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:117 Resp: 32337
Ion Ratio Lower Upper
117 100
201 90.8 90.0 135.0
199 58.5 52.2 78.4

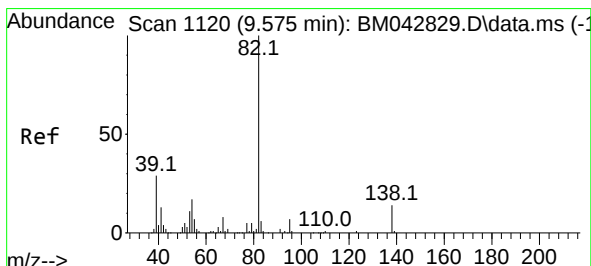
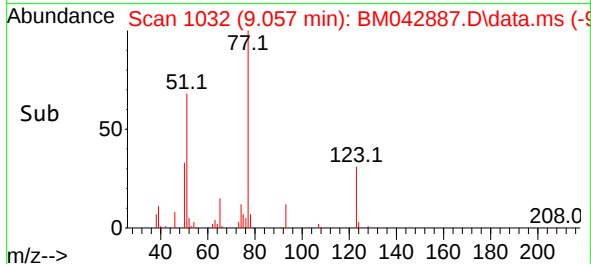
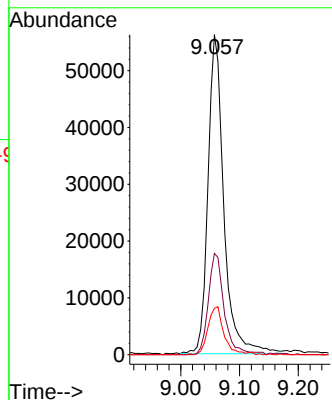
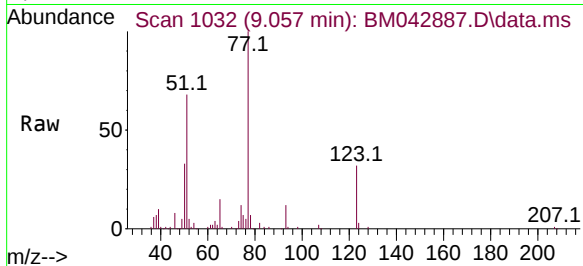




#22
Nitrobenzene
Concen: 60.255 ng/ul
RT: 9.057 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

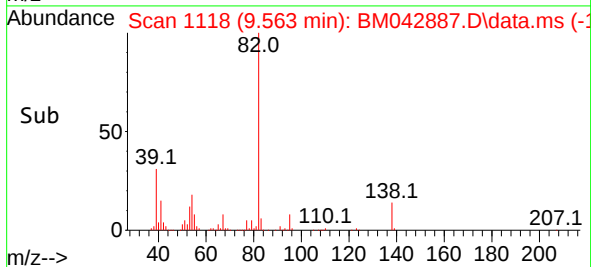
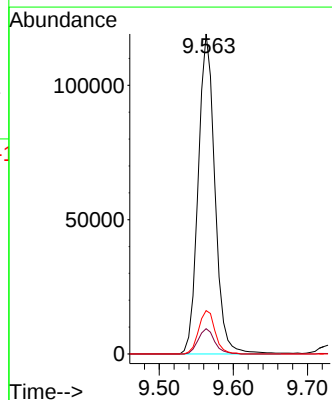
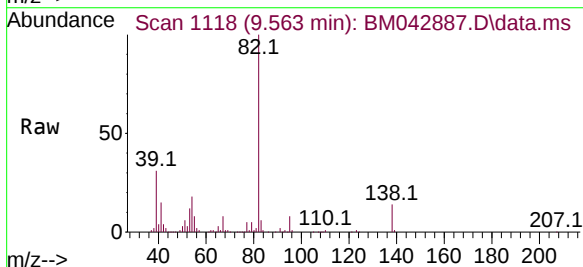
Instrument :
BNA_M
ClientSampleId :

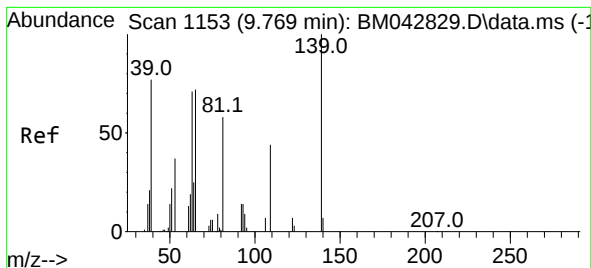
Tgt Ion: 77 Resp: 105490
Ion Ratio Lower Upper
77 100
123 31.6 28.4 42.6
65 14.5 12.4 18.6



#23
Isophorone
Concen: 53.389 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion: 82 Resp: 186160
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 13.5 12.1 18.1





#25

2-Nitrophenol

Concen: 49.020 ng/ul

RT: 9.757 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

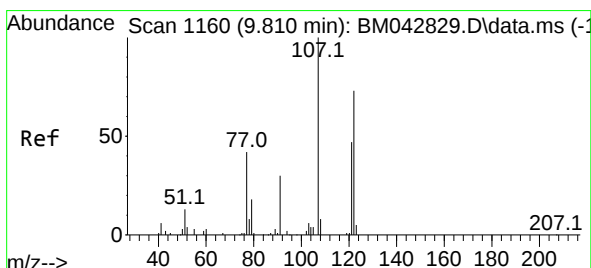
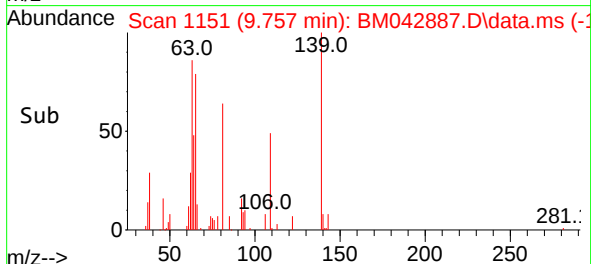
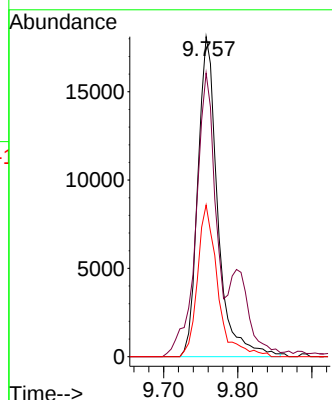
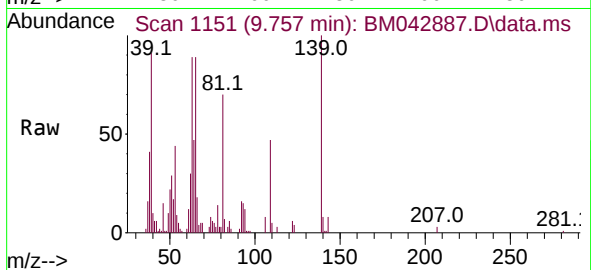
Tgt Ion:139 Resp: 33748

Ion Ratio Lower Upper

139 100

65 88.7 59.1 88.7

109 47.4 33.9 50.9



#26

2,4-Dimethylphenol

Concen: 34.622 ng/ul

RT: 9.798 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

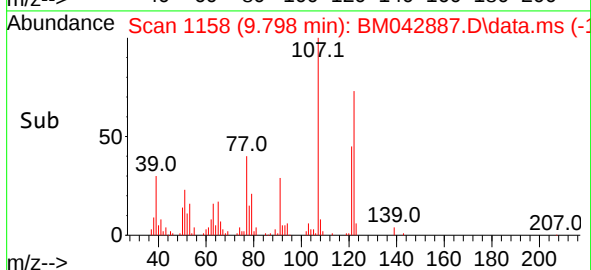
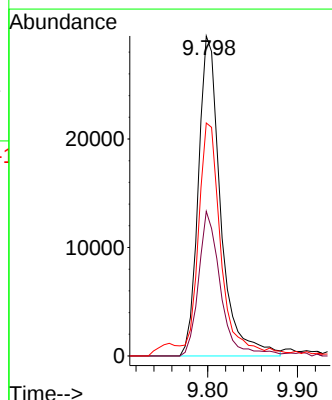
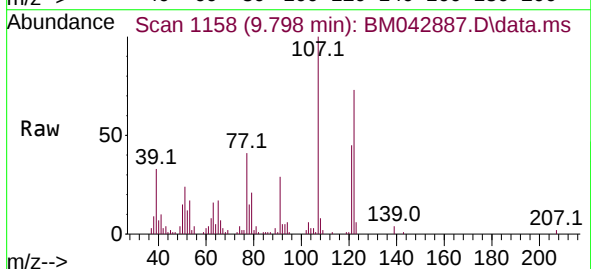
Tgt Ion:107 Resp: 50999

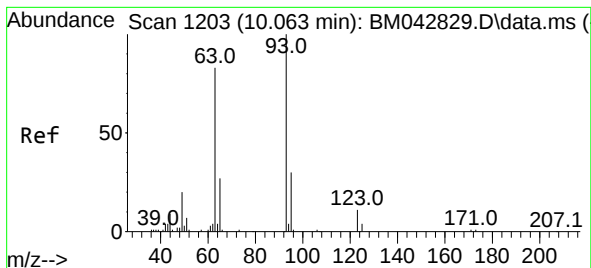
Ion Ratio Lower Upper

107 100

121 45.2 38.0 57.0

122 72.8 60.5 90.7

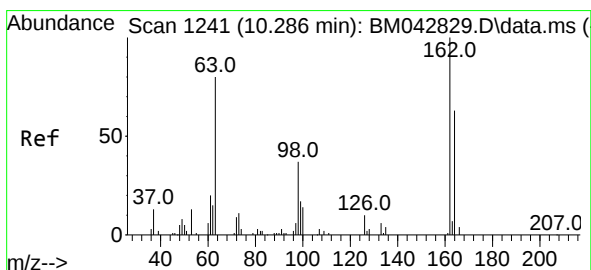
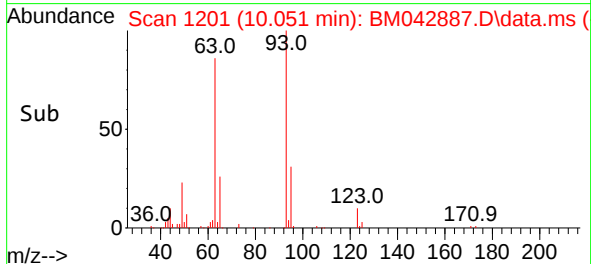
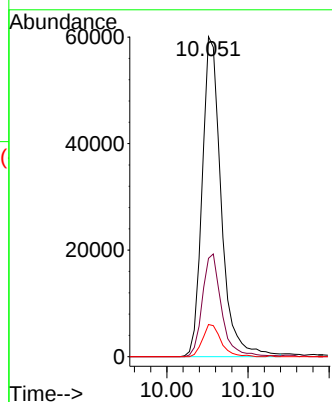
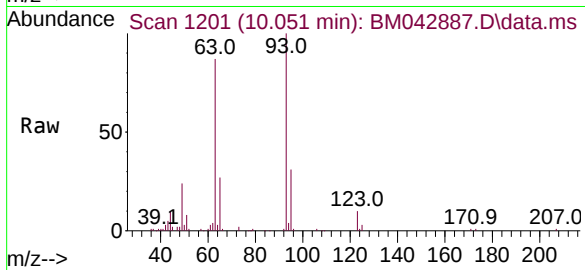




#27
 Bis(2-Chloroethoxy)methane
 Concen: 55.615 ng/ul
 RT: 10.051 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM042887.D
 Acq: 18 Nov 2023 18:32

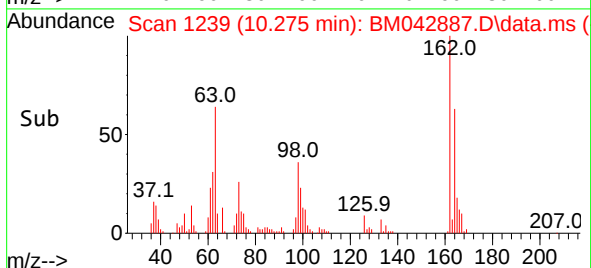
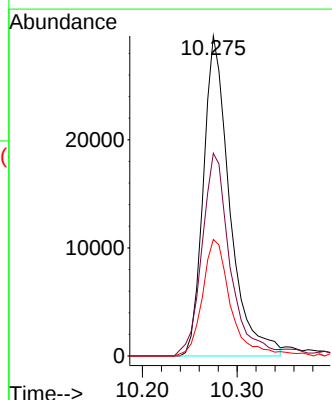
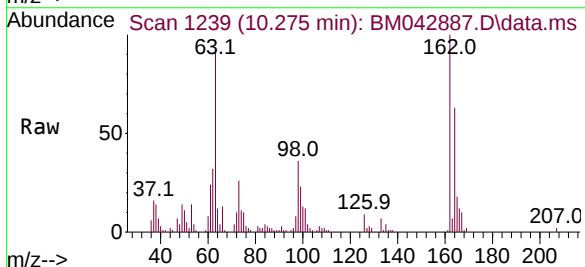
Instrument :
 BNA_M
 ClientSampleId :

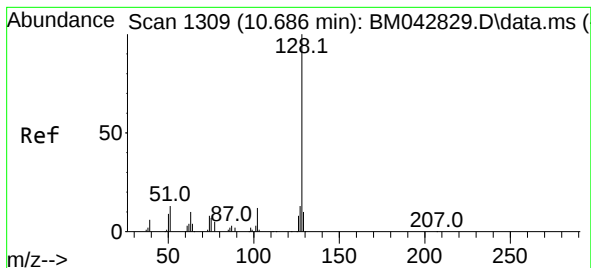
Tgt Ion: 93 Resp: 97993
 Ion Ratio Lower Upper
 93 100
 95 30.7 26.5 39.7
 123 10.1 8.2 12.2



#29
 2,4-Dichlorophenol
 Concen: 48.041 ng/ul
 RT: 10.275 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: BM042887.D
 Acq: 18 Nov 2023 18:32

Tgt Ion:162 Resp: 57309
 Ion Ratio Lower Upper
 162 100
 164 63.3 53.4 80.2
 98 36.4 28.4 42.6





#30

Naphthalene

Concen: 50.556 ng/ul

RT: 10.675 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

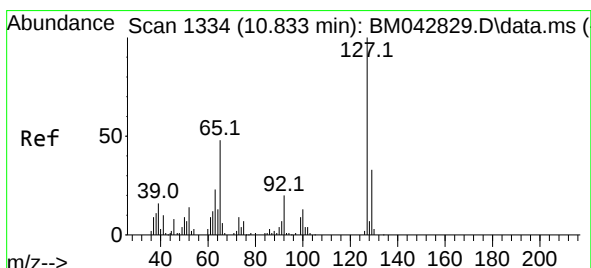
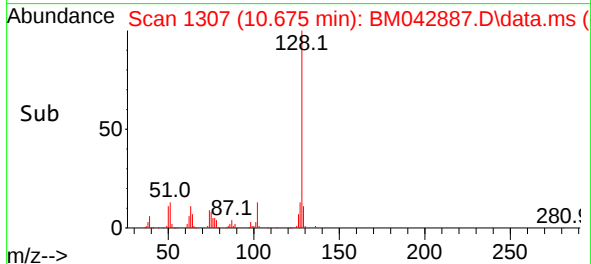
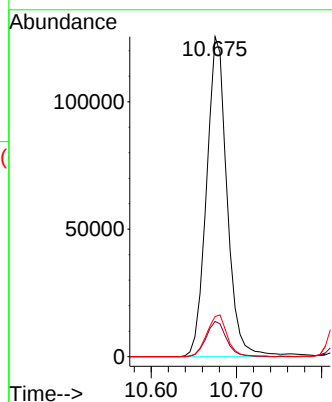
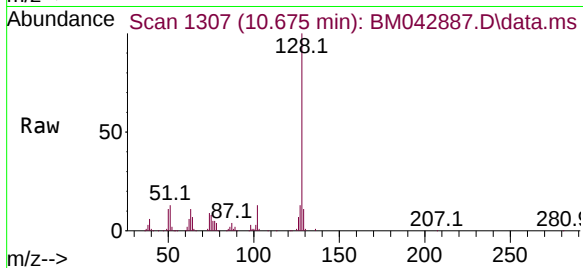
Tgt Ion:128 Resp: 209254

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 12.6 10.5 15.7



#32

4-Chloroaniline

Concen: 40.164 ng/ul

RT: 10.828 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BM042887.D

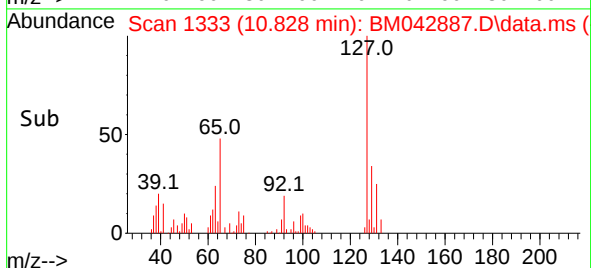
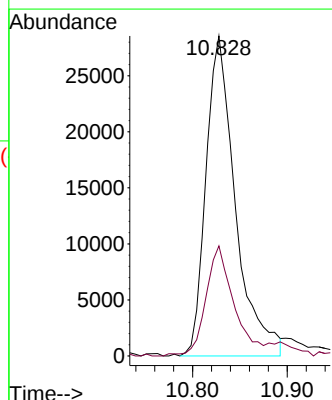
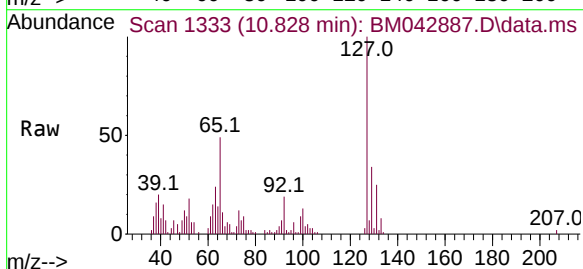
Acq: 18 Nov 2023 18:32

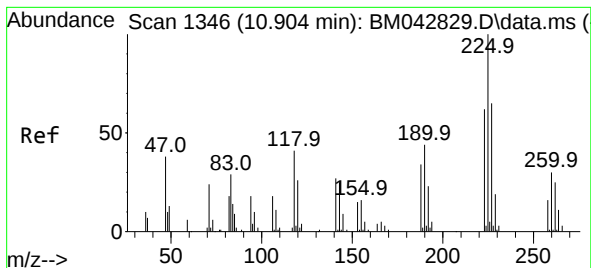
Tgt Ion:127 Resp: 61642

Ion Ratio Lower Upper

127 100

129 34.4 26.7 40.1





#33

Hexachlorobutadiene

Concen: 49.106 ng/ul

RT: 10.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM042887.D

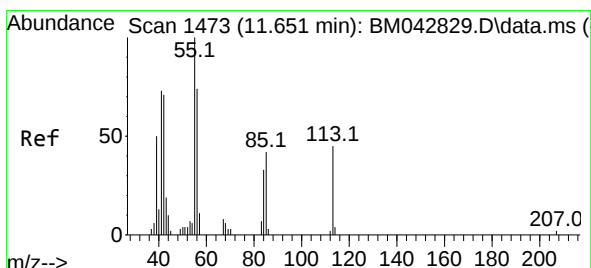
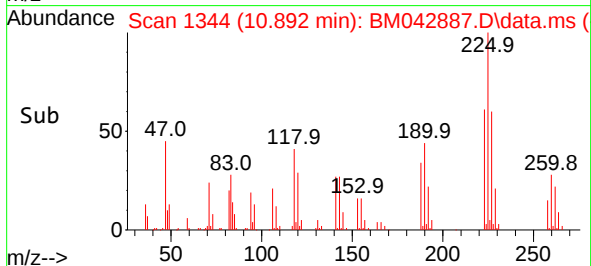
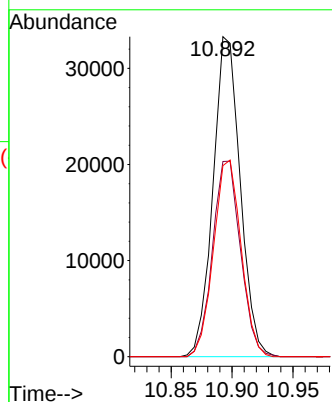
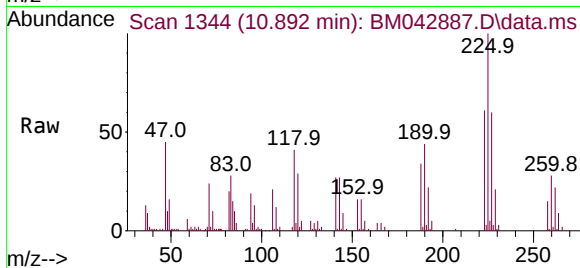
Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	225	Resp:	51745
Ion Ratio	Lower	Upper	
225	100		
223	61.0	53.0	79.4
227	59.7	50.5	75.7



#34

Caprolactam

Concen: 3.410 ng/ul

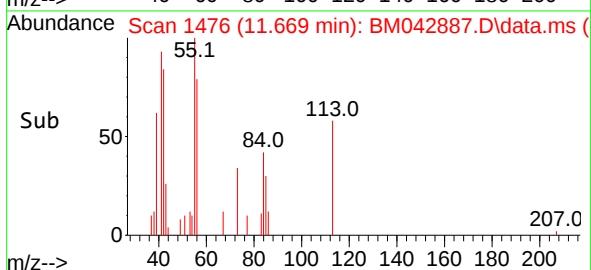
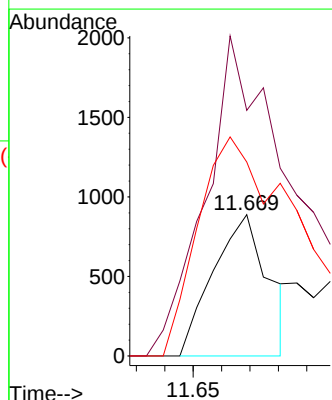
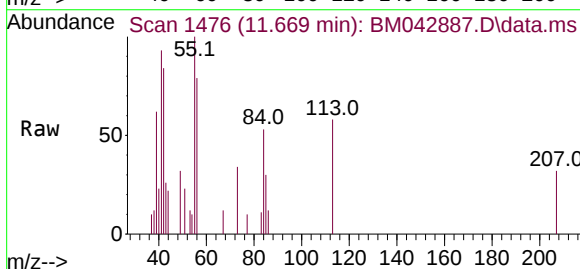
RT: 11.669 min Scan# 1476

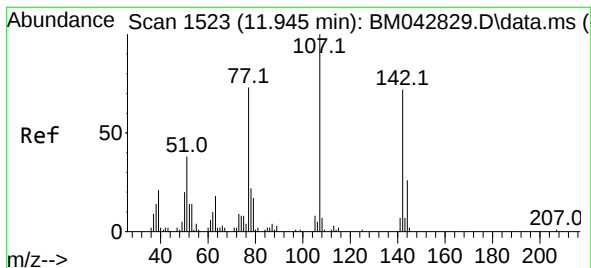
Delta R.T. 0.024 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Tgt Ion:	113	Resp:	1206
Ion Ratio	Lower	Upper	
113	100		
55	173.7	184.2	276.2#
56	137.1	134.3	201.5

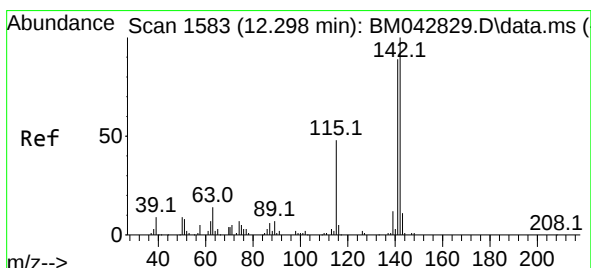
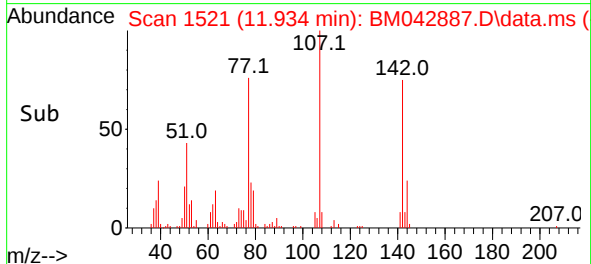
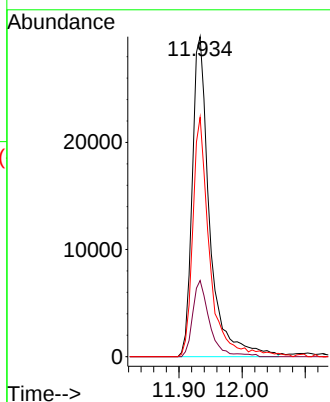
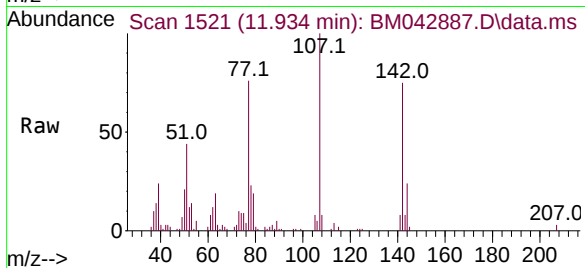




#35
4-Chloro-3-methylphenol
Concen: 44.860 ng/ul
RT: 11.934 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

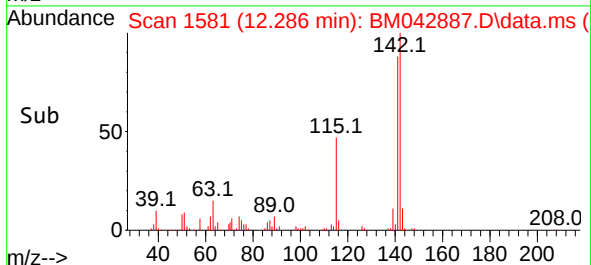
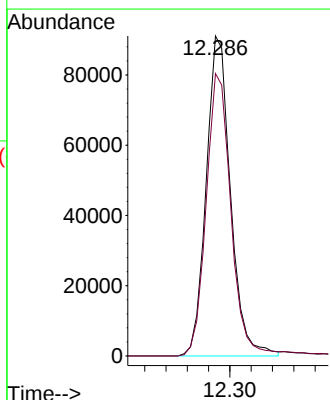
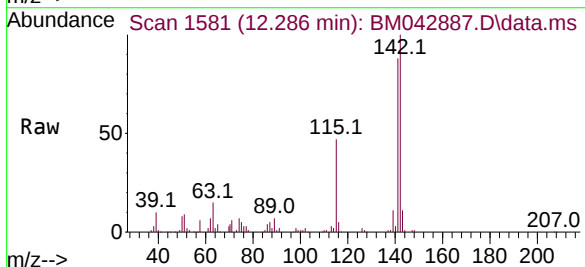
Instrument :
BNA_M
ClientSampleId :

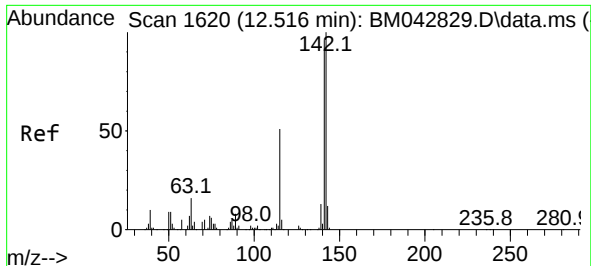
Tgt Ion:107 Resp: 57343
Ion Ratio Lower Upper
107 100
144 23.8 18.3 27.5
142 74.8 56.3 84.5



#36
2-Methylnaphthalene
Concen: 52.044 ng/ul
RT: 12.286 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:142 Resp: 144374
Ion Ratio Lower Upper
142 100
141 88.2 73.6 110.4





#37

1-Methylnaphthalene

Concen: 50.109 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

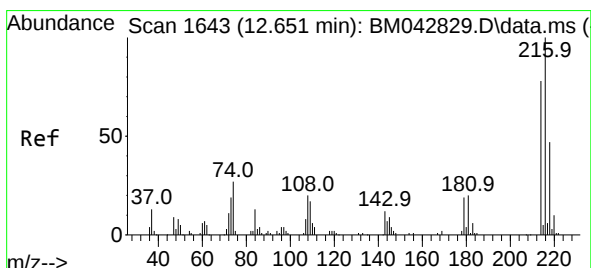
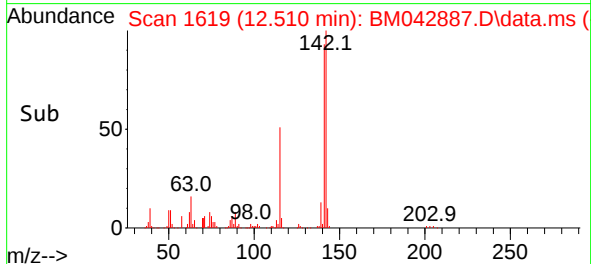
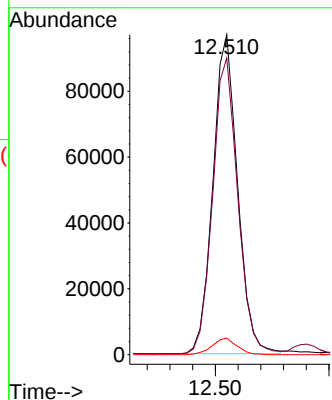
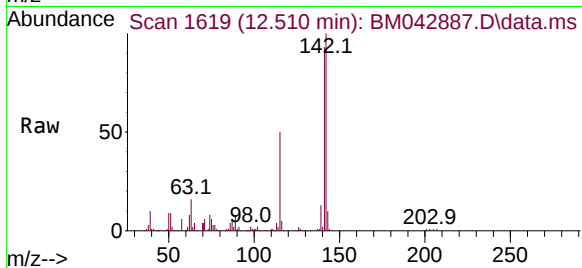
Tgt Ion:142 Resp: 146151

Ion Ratio Lower Upper

142 100

141 92.7 73.3 109.9

116 5.2 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.972 ng/ul

RT: 12.639 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Tgt Ion:216 Resp: 94169

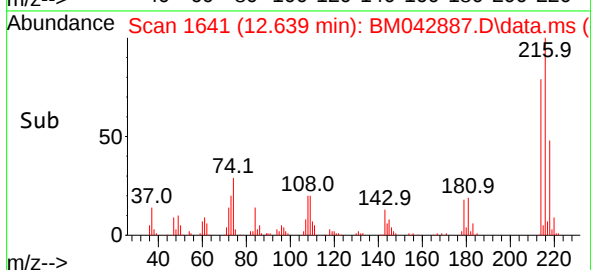
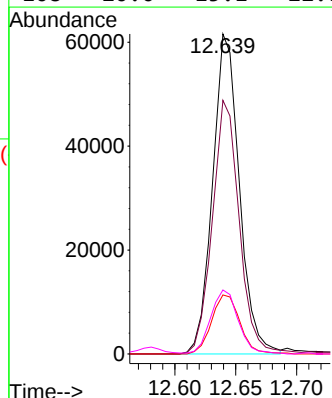
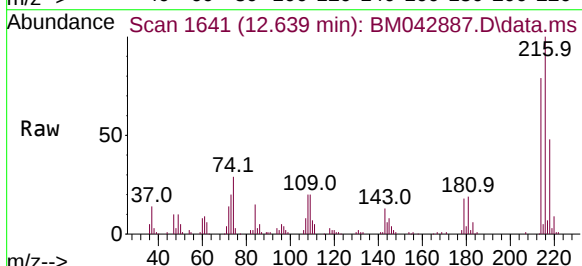
Ion Ratio Lower Upper

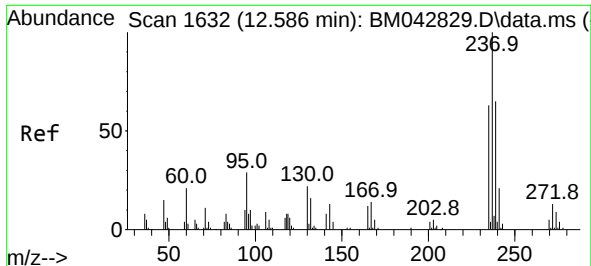
216 100

214 79.3 64.1 96.1

179 18.5 15.5 23.3

108 20.0 15.1 22.7

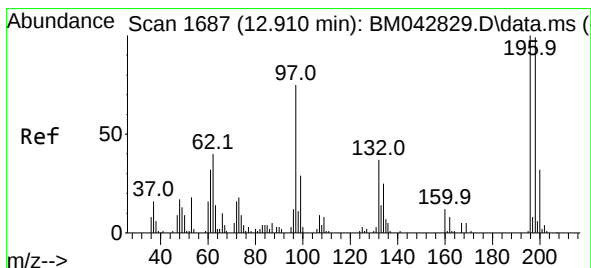
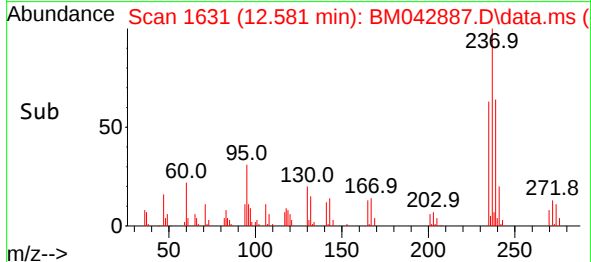
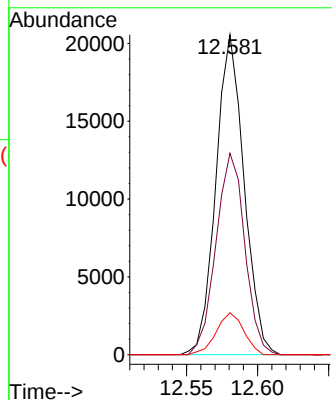
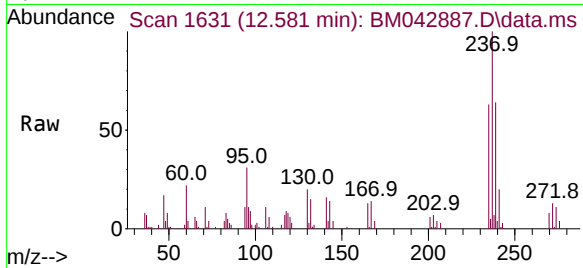




#40
Hexachlorocyclopentadiene
Concen: 33.710 ng/ul
RT: 12.581 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

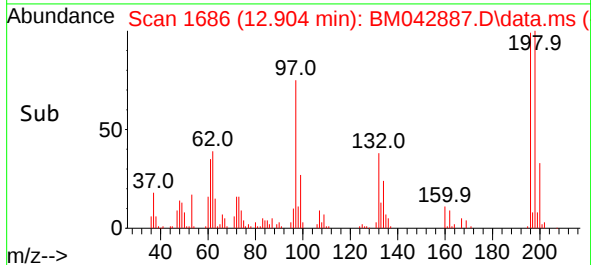
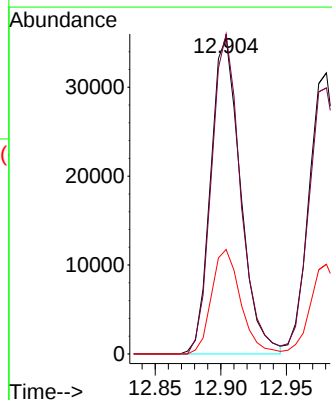
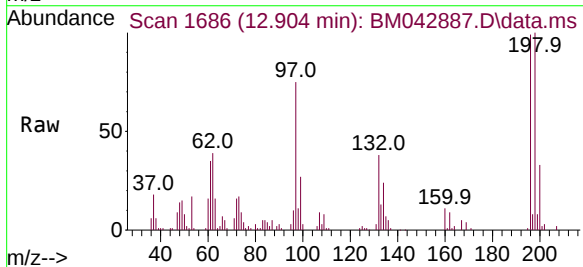
Instrument :
BNA_M
ClientSampleId :

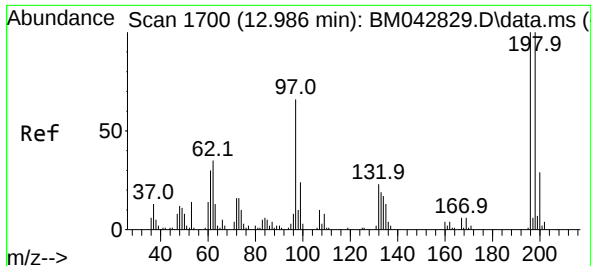
Tgt Ion:237 Resp: 28371
Ion Ratio Lower Upper
237 100
235 63.0 53.3 79.9
272 13.1 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 51.899 ng/ul
RT: 12.904 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:196 Resp: 56355
Ion Ratio Lower Upper
196 100
198 101.1 81.0 121.4
200 33.0 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 55.364 ng/ul

RT: 12.981 min Scan# 1

Delta R.T. 0.000 min

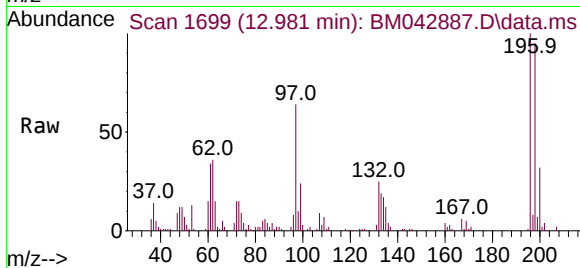
Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :



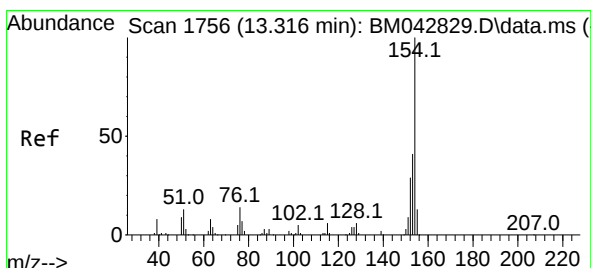
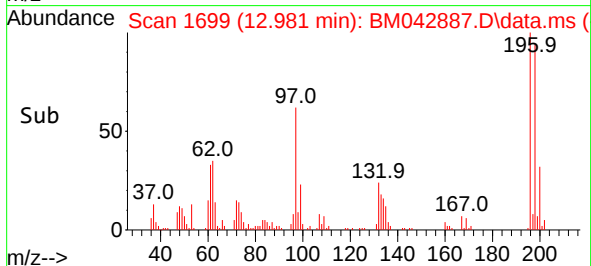
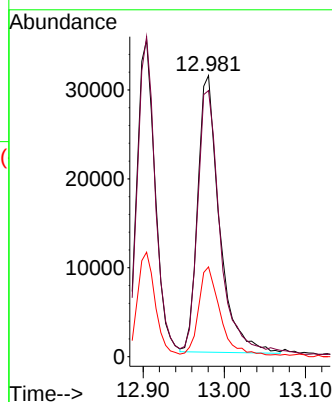
Tgt Ion:196 Resp: 58049

Ion Ratio Lower Upper

196 100

198 94.7 77.4 116.0

200 31.9 26.2 39.4



#43

1,1'-Biphenyl

Concen: 54.034 ng/ul

RT: 13.304 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

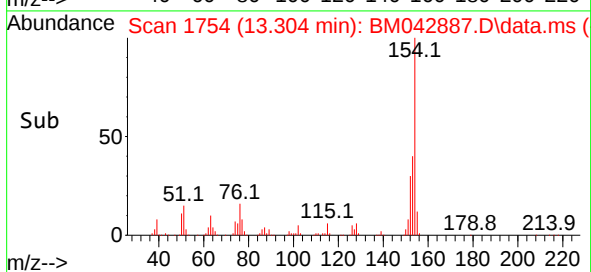
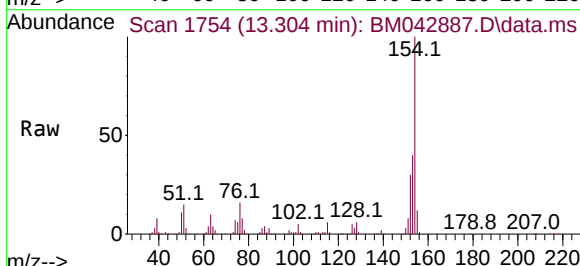
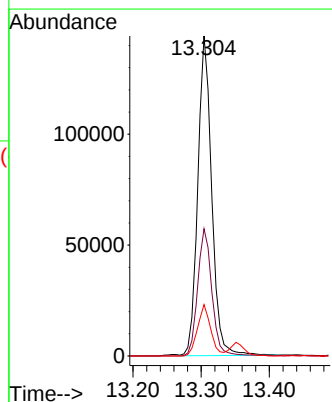
Tgt Ion:154 Resp: 204258

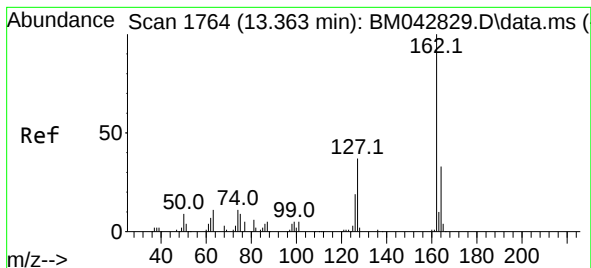
Ion Ratio Lower Upper

154 100

153 39.7 32.4 48.6

76 16.0 10.7 16.1





#44

2-Chloronaphthalene

Concen: 54.266 ng/ul

RT: 13.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

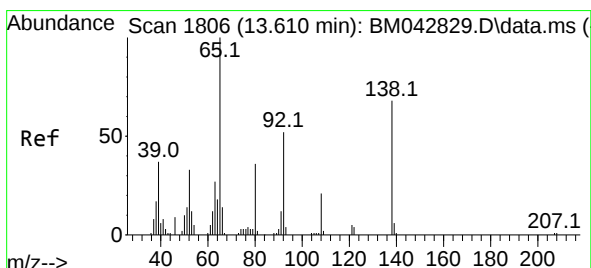
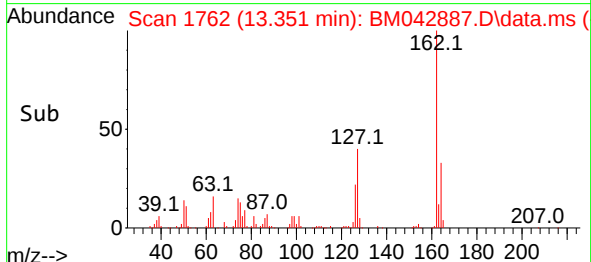
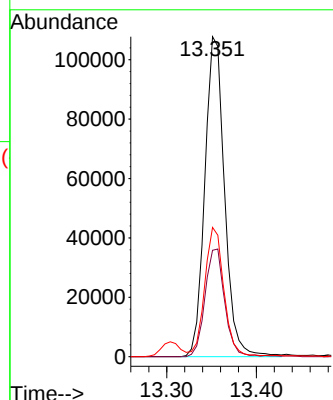
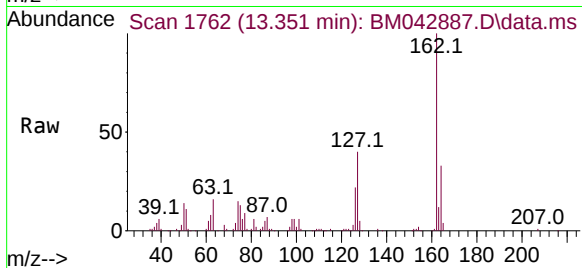
Tgt Ion:162 Resp: 165025

Ion Ratio Lower Upper

162 100

164 33.2 24.2 36.2

127 40.4 30.8 46.2



#45

2-Nitroaniline

Concen: 67.472 ng/ul

RT: 13.604 min Scan# 1805

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

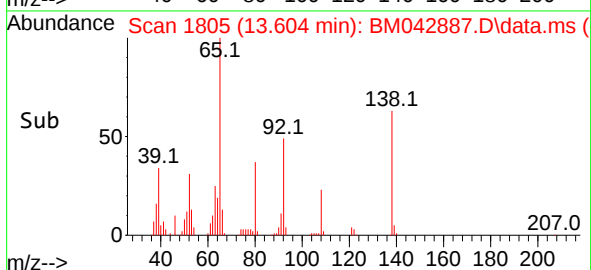
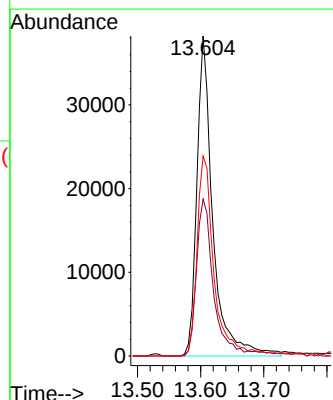
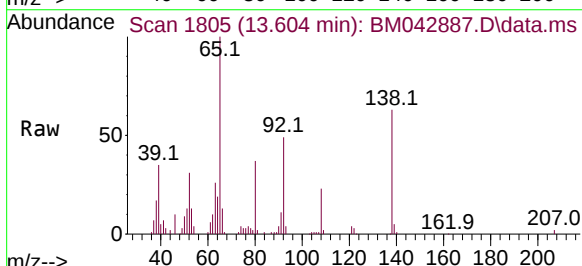
Tgt Ion: 65 Resp: 66917

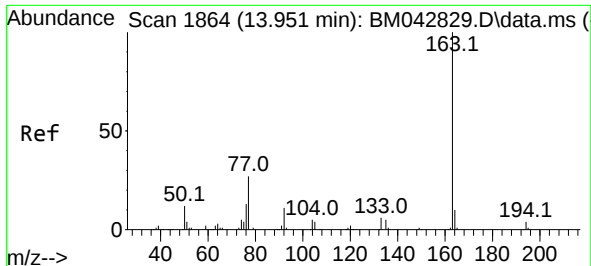
Ion Ratio Lower Upper

65 100

92 49.0 49.1 73.7#

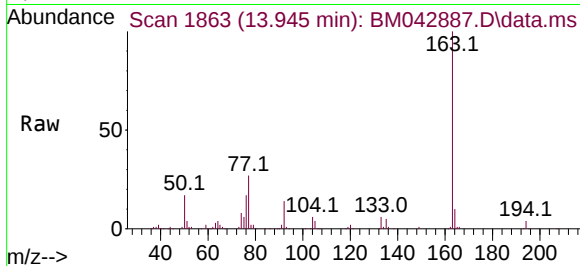
138 62.5 61.8 92.8



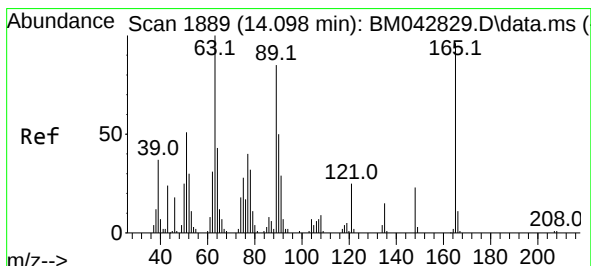
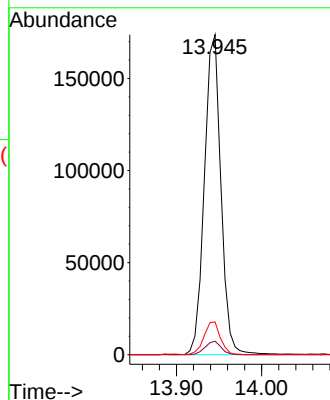
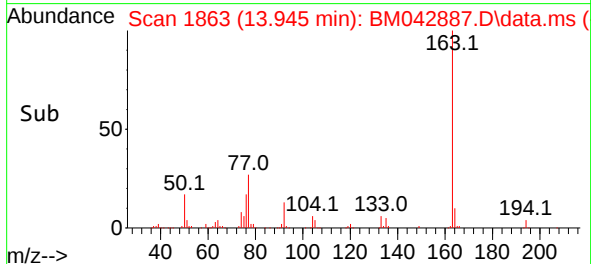


#47
Dimethylphthalate
Concen: 56.055 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. 0.006 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

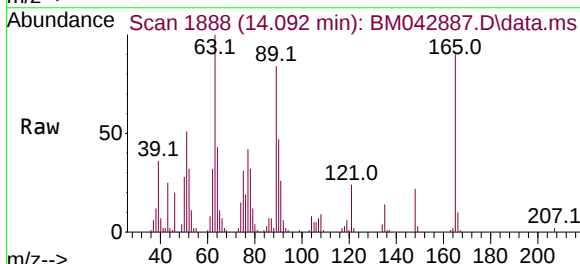
Instrument :
BNA_M
ClientSampleId :



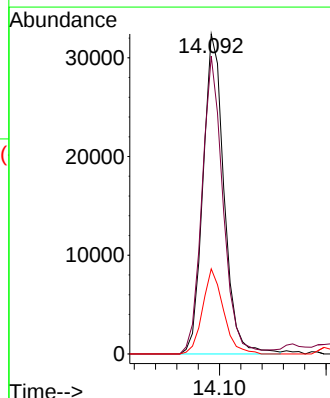
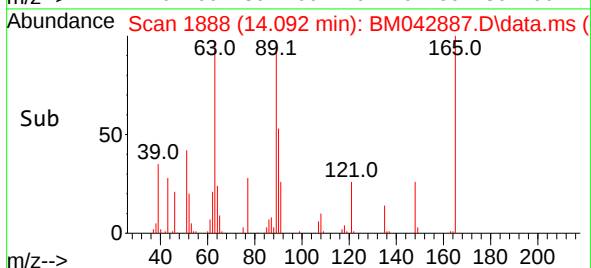
Tgt Ion:163 Resp: 234222
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 7.9 11.9

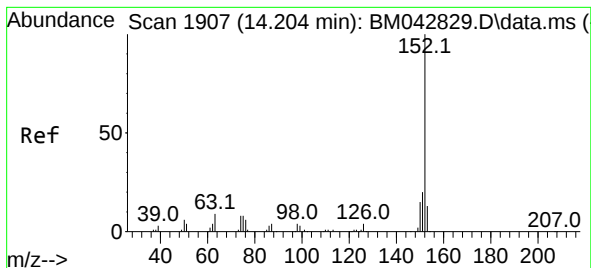


#48
2,6-Dinitrotoluene
Concen: 56.545 ng/ul
RT: 14.092 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32



Tgt Ion:165 Resp: 44388
Ion Ratio Lower Upper
165 100
89 93.1 64.1 96.1
121 26.6 18.4 27.6





#50

Acenaphthylene

Concen: 55.488 ng/ul

RT: 14.198 min Scan# 1906

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

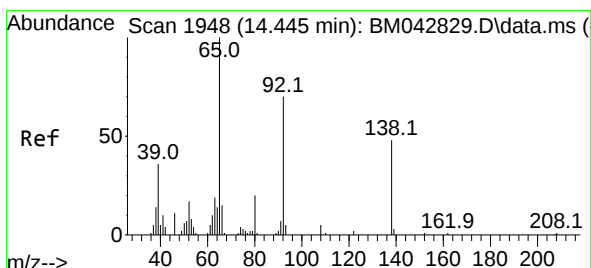
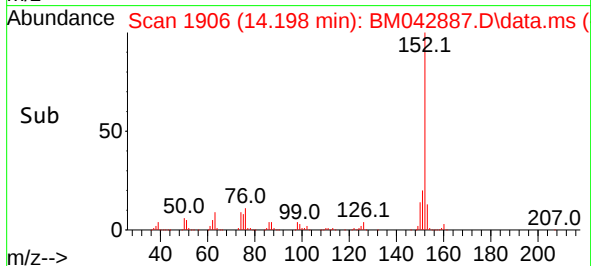
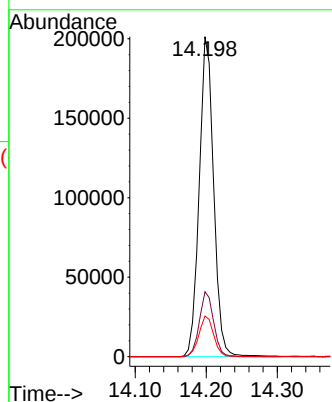
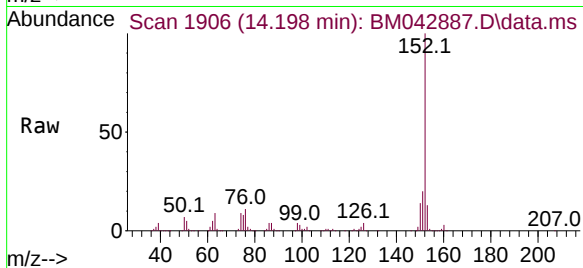
Tgt Ion:152 Resp: 285387

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 12.7 10.5 15.7



#51

3-Nitroaniline

Concen: 50.273 ng/ul

RT: 14.439 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

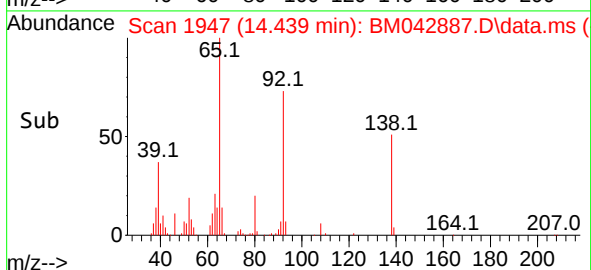
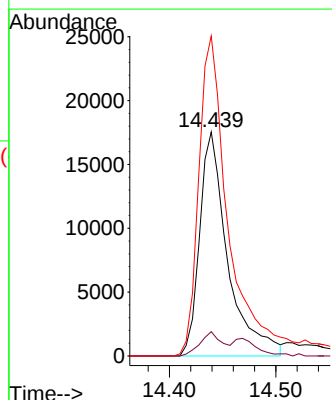
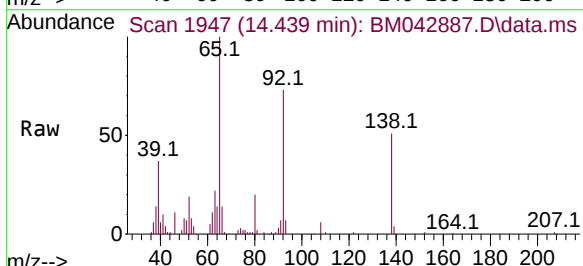
Tgt Ion:138 Resp: 32271

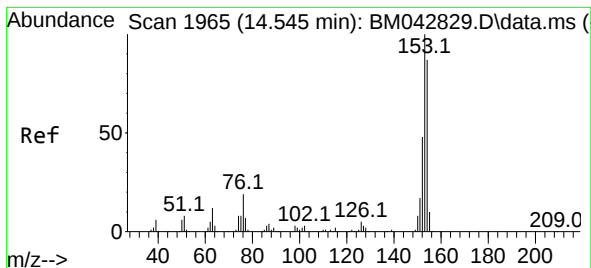
Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

92 142.9 109.4 164.0





#52

Acenaphthene

Concen: 55.360 ng/ul

RT: 14.533 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

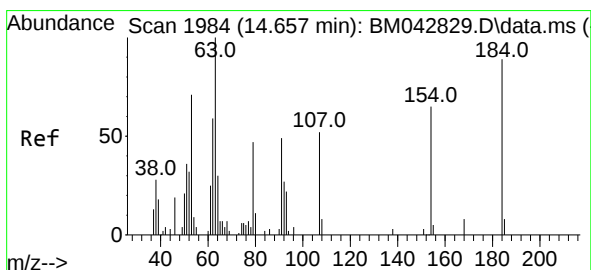
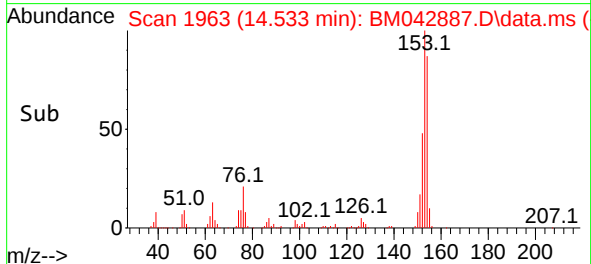
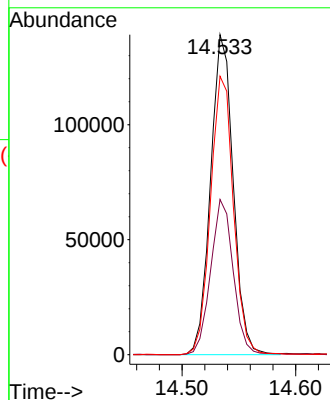
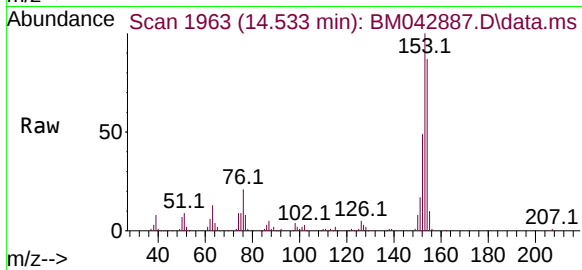
Tgt Ion:153 Resp: 192565

Ion Ratio Lower Upper

153 100

152 48.5 38.2 57.2

154 87.0 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 43.682 ng/ul

RT: 14.651 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

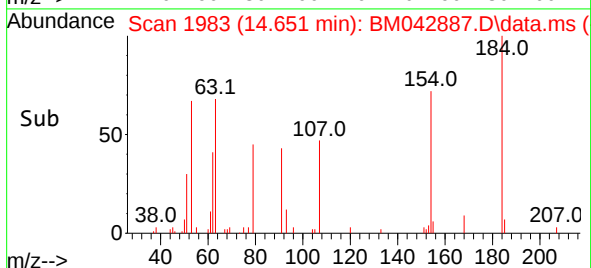
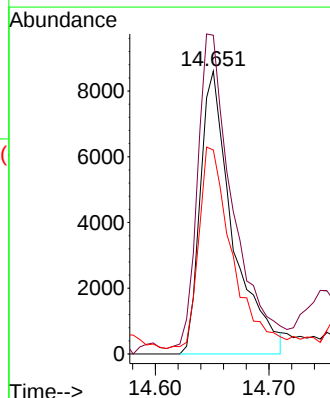
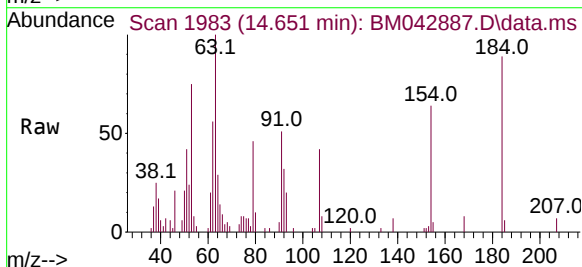
Tgt Ion:184 Resp: 17050

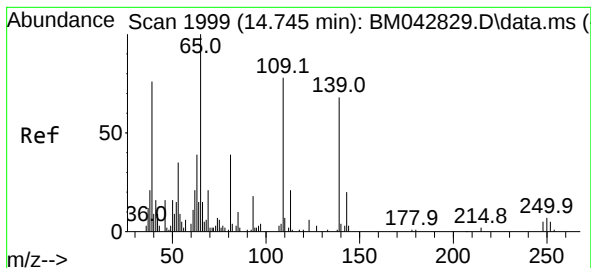
Ion Ratio Lower Upper

184 100

63 112.7 79.1 118.7

154 72.1 65.7 98.5

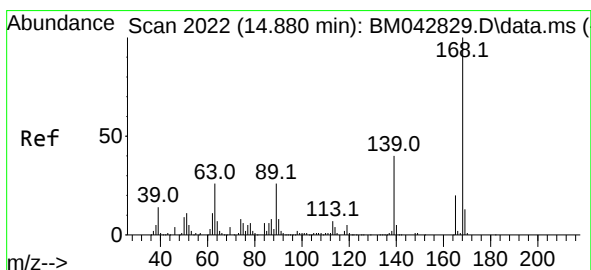
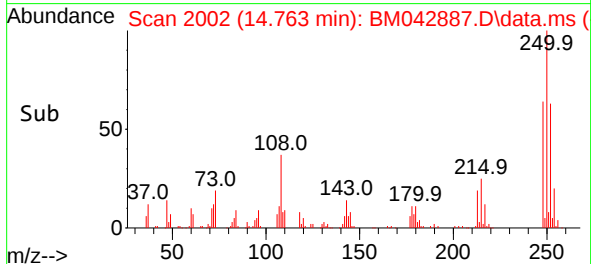
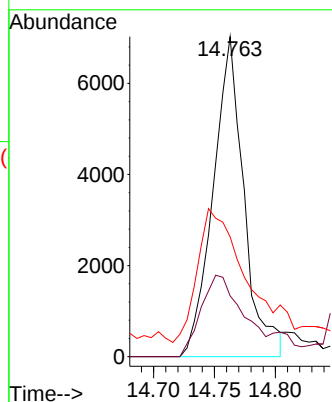
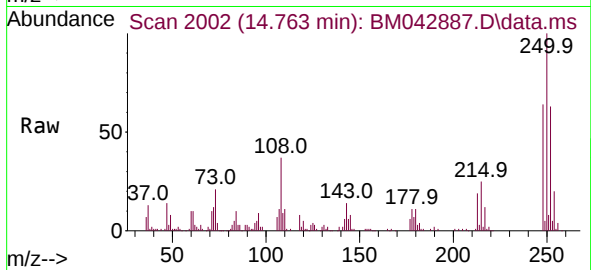




#55
4-Nitrophenol
Concen: 16.242 ng/ul
RT: 14.763 min Scan# 20
Delta R.T. 0.024 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

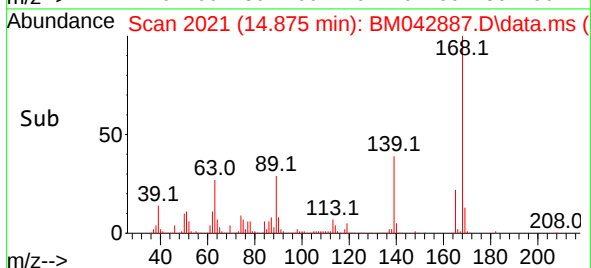
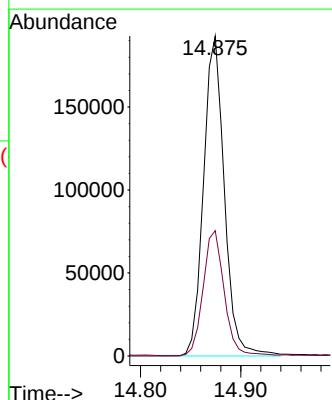
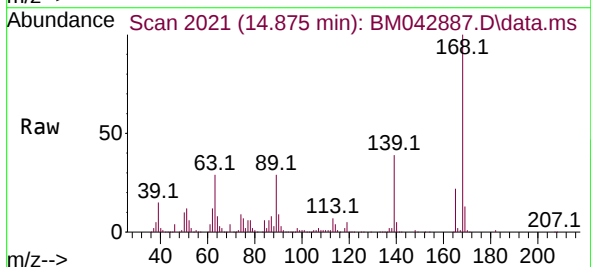
Instrument :
BNA_M
ClientSampleId :

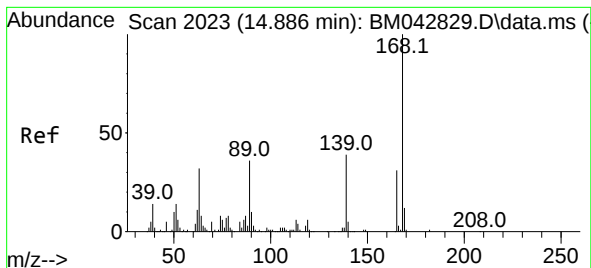
Tgt Ion:109 Resp: 12388
Ion Ratio Lower Upper
109 100
139 19.0 67.1 100.7#
65 37.5 107.1 160.7#



#56
Dibenzofuran
Concen: 57.621 ng/ul
RT: 14.875 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:168 Resp: 278188
Ion Ratio Lower Upper
168 100
139 39.1 30.8 46.2





#57

2,4-Dinitrotoluene

Concen: 60.246 ng/ul

RT: 14.880 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

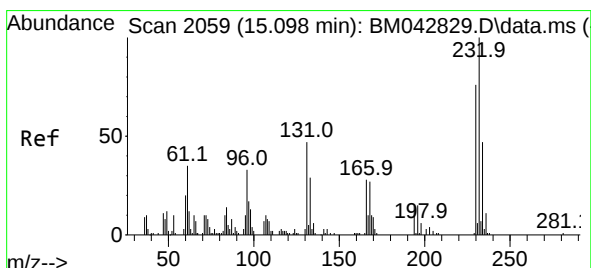
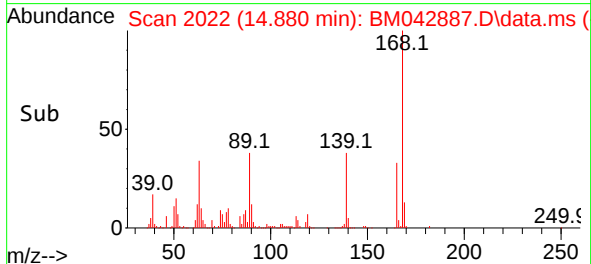
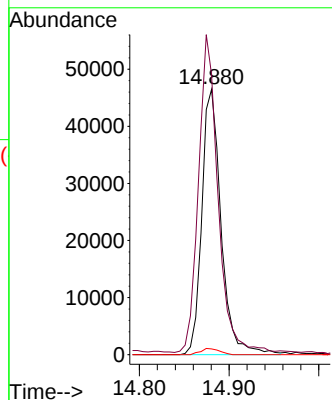
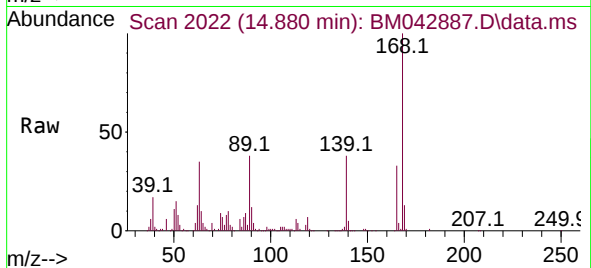
Tgt Ion:165 Resp: 69431

Ion Ratio Lower Upper

165 100

63 105.5 83.5 125.3

182 2.1 2.4 3.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.168 ng/ul

RT: 15.092 min Scan# 2058

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Tgt Ion:232 Resp: 61133

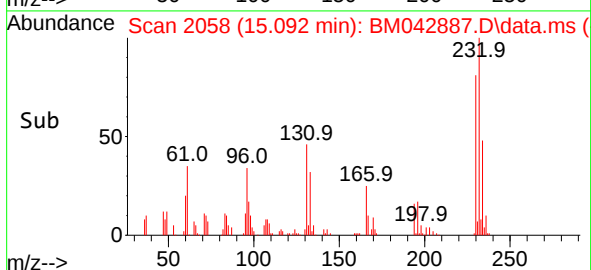
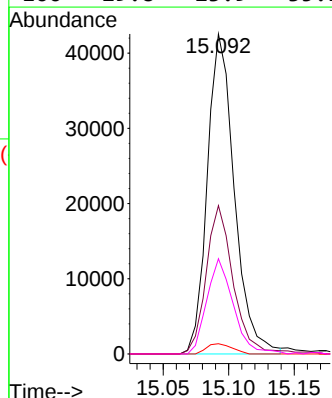
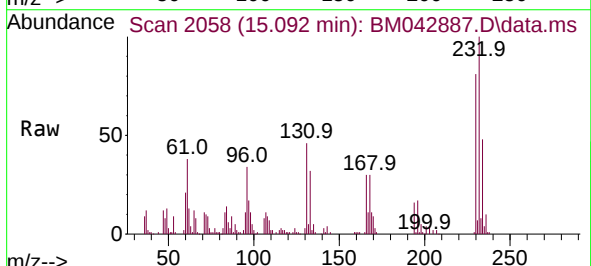
Ion Ratio Lower Upper

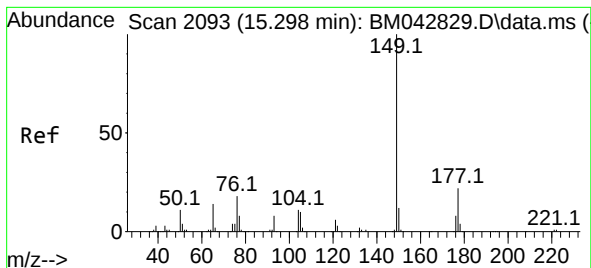
232 100

131 46.4 38.9 58.3

130 3.2 1.9 2.9#

166 29.8 23.9 35.9





#59

Diethylphthalate

Concen: 58.972 ng/ul

RT: 15.292 min Scan# 2093

Delta R.T. 0.000 min

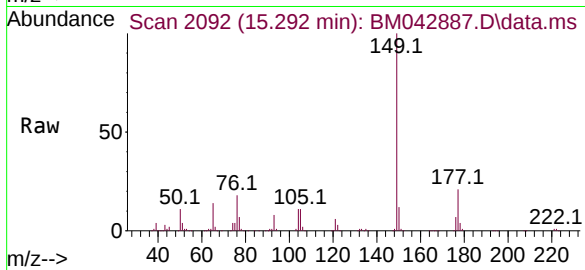
Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :



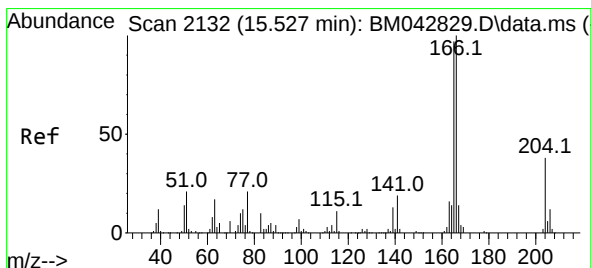
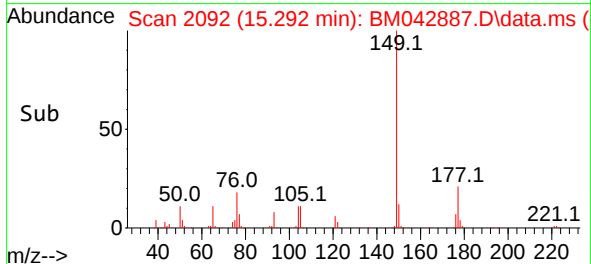
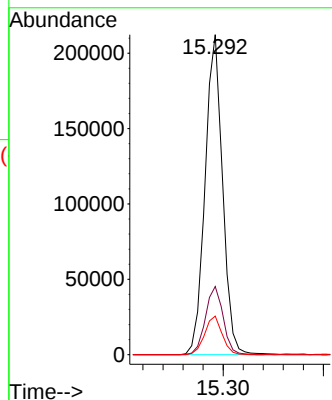
Tgt Ion:149 Resp: 258391

Ion Ratio Lower Upper

149 100

177 21.3 17.0 25.6

150 12.0 9.7 14.5



#61

Fluorene

Concen: 61.309 ng/ul

RT: 15.522 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

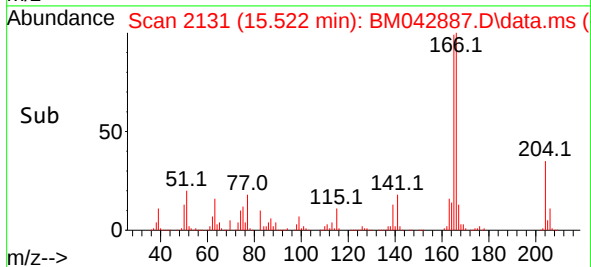
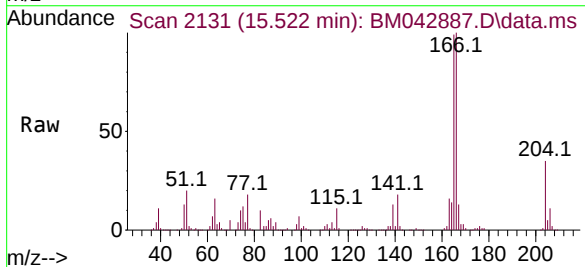
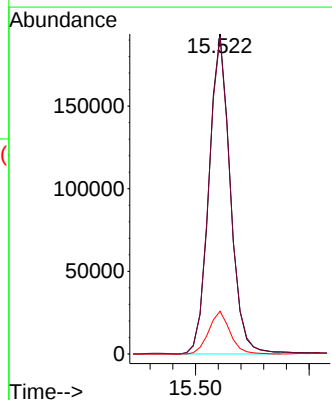
Tgt Ion:166 Resp: 251300

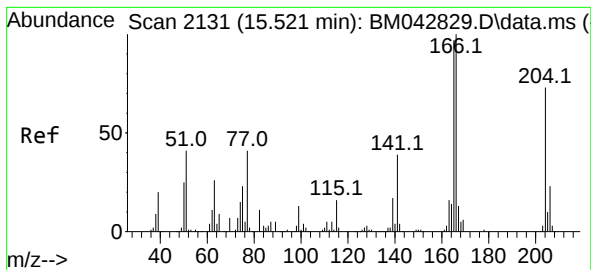
Ion Ratio Lower Upper

166 100

165 99.2 79.3 118.9

167 13.3 10.6 15.8

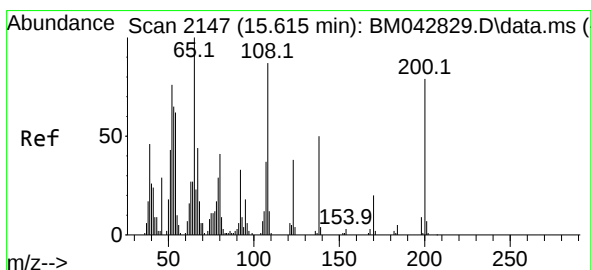
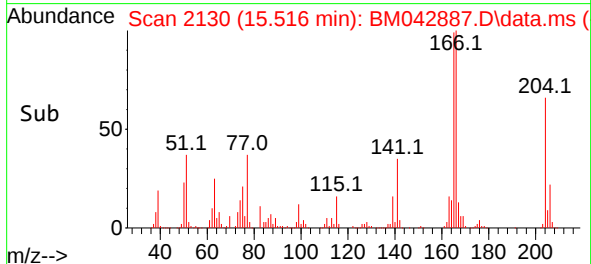
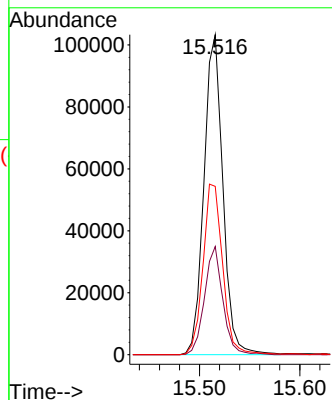
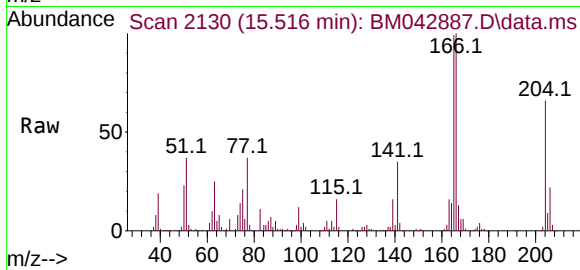




#62
4-Chlorophenyl-phenylether
Concen: 61.651 ng/ul
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

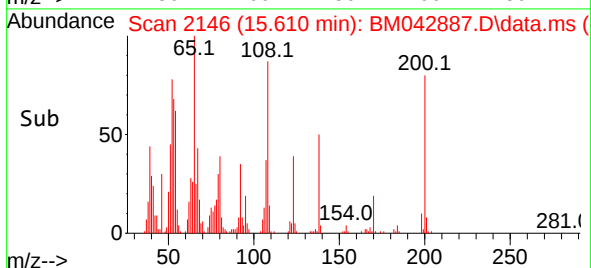
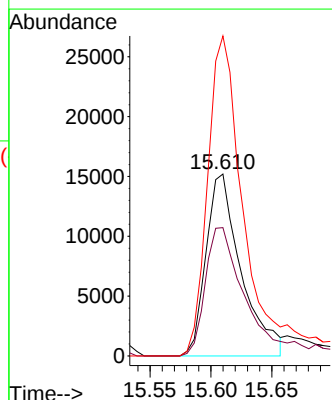
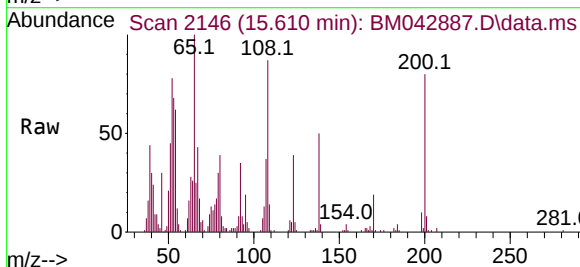
Instrument :
BNA_M
ClientSampleId :

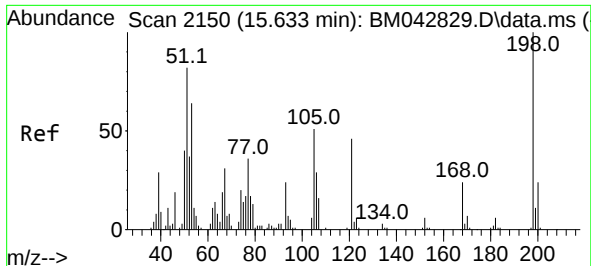
Tgt Ion:204 Resp: 136188
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 52.6 46.0 69.0



#63
4-Nitroaniline
Concen: 52.133 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:138 Resp: 30509
Ion Ratio Lower Upper
138 100
92 70.6 47.4 71.0
108 175.8 129.5 194.3

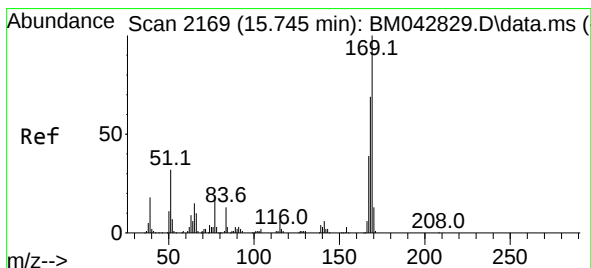
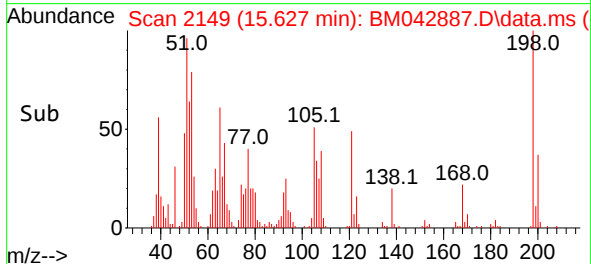
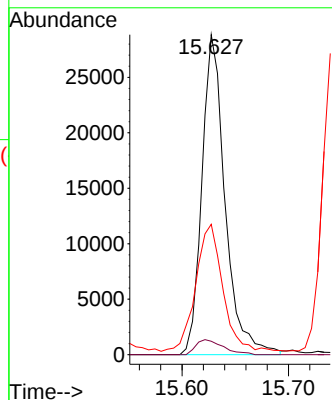
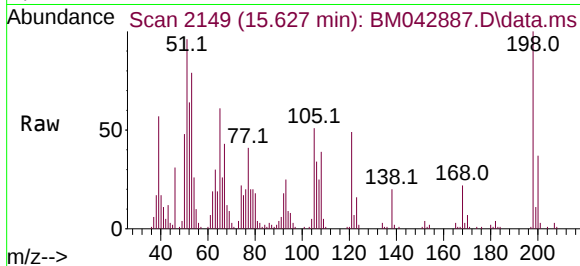




#66
4,6-Dinitro-2-methylphenol
Concen: 55.053 ng/ul
RT: 15.627 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

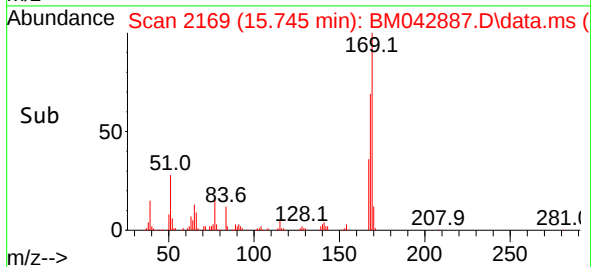
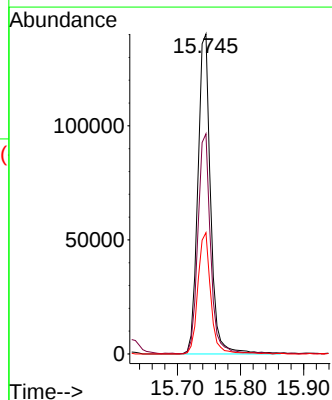
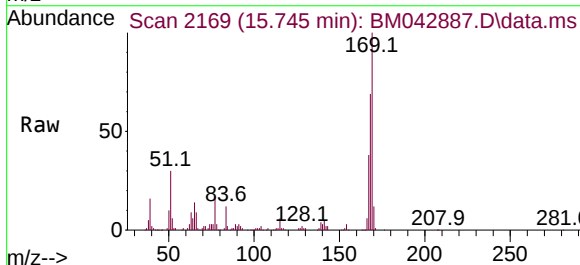
Instrument :
BNA_M
ClientSampleId :

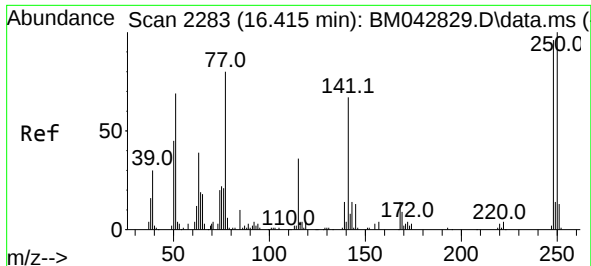
Tgt Ion:198 Resp: 43667
Ion Ratio Lower Upper
198 100
182 4.2 3.4 5.0
77 40.8 26.9 40.3#



#67
N-Nitrosodiphenylamine
Concen: 60.804 ng/ul
RT: 15.745 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:169 Resp: 196148
Ion Ratio Lower Upper
169 100
168 68.8 55.8 83.6
167 37.9 31.4 47.2

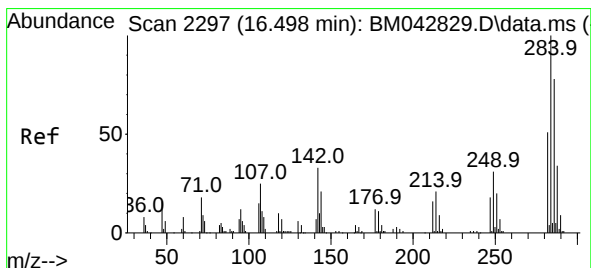
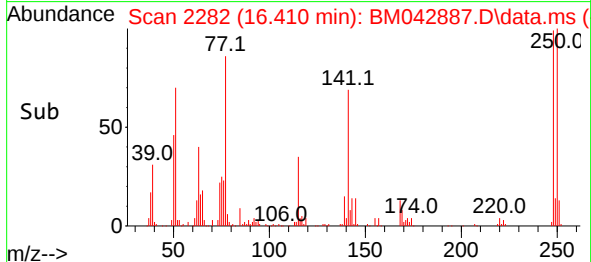
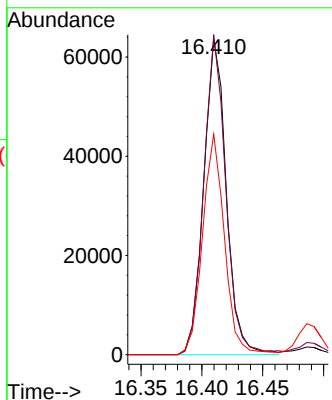
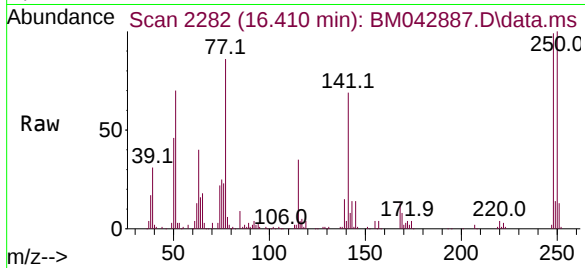




#68
4-Bromophenyl-phenylether
Concen: 60.100 ng/ul
RT: 16.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

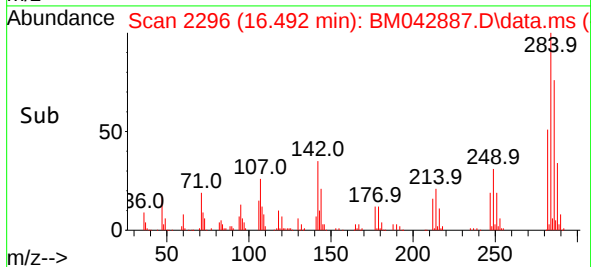
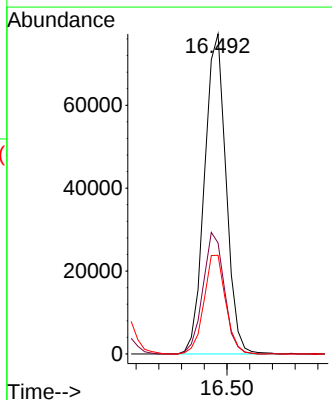
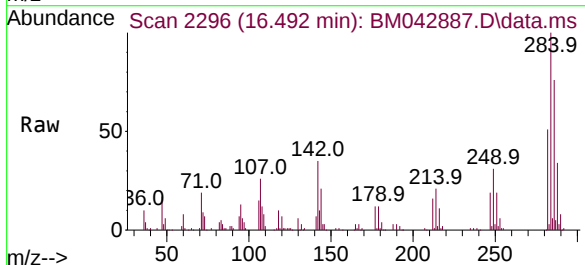
Instrument :
BNA_M
ClientSampleId :

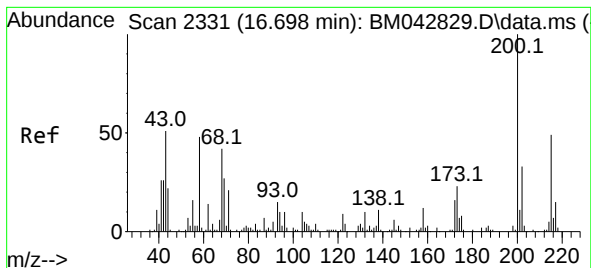
Tgt Ion:248 Resp: 82282
Ion Ratio Lower Upper
248 100
250 101.3 84.3 126.5
141 69.8 60.1 90.1



#69
Hexachlorobenzene
Concen: 60.709 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:284 Resp: 101607
Ion Ratio Lower Upper
284 100
142 34.7 30.5 45.7
249 30.9 25.3 37.9





#70

Atrazine

Concen: 58.209 ng/ul

RT: 16.692 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

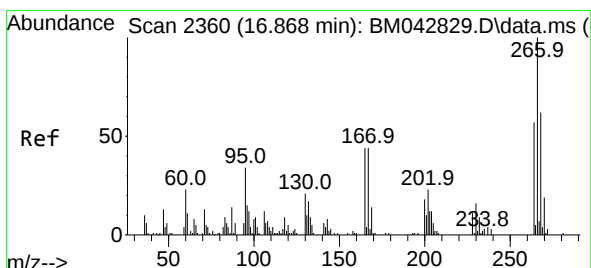
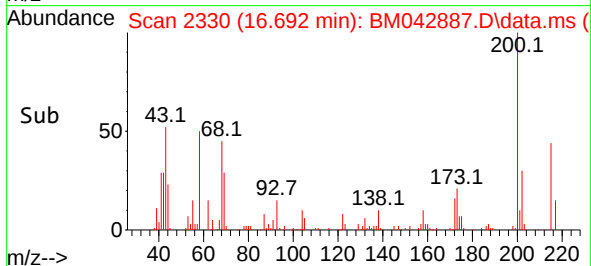
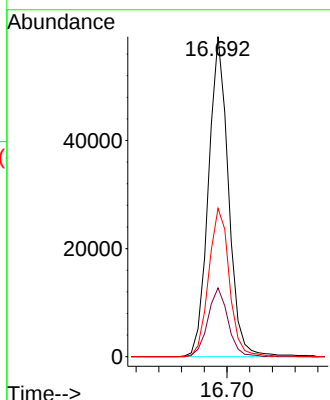
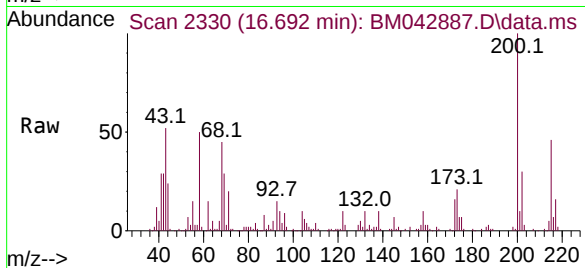
Tgt Ion:200 Resp: 72330

Ion Ratio Lower Upper

200 100

173 21.5 19.8 29.6

215 46.4 38.2 57.2



#71

Pentachlorophenol

Concen: 53.318 ng/ul

RT: 16.863 min Scan# 2359

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

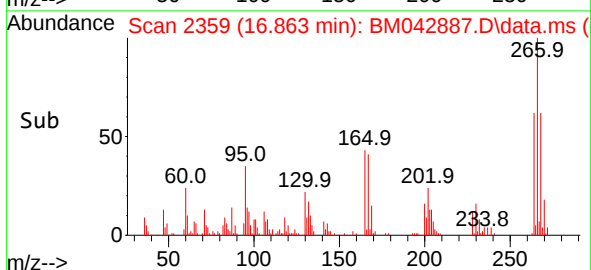
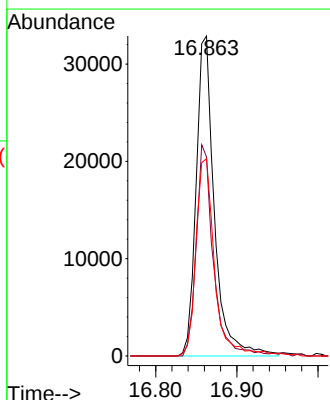
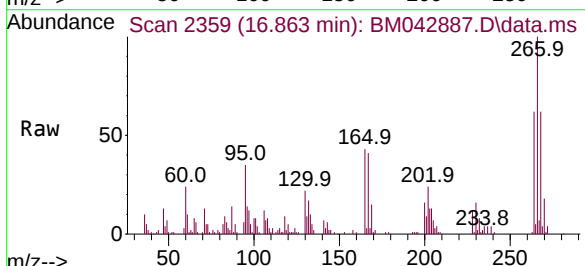
Tgt Ion:266 Resp: 51386

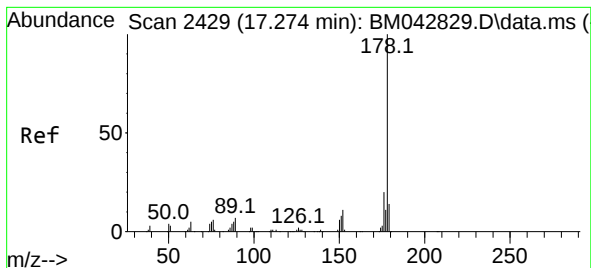
Ion Ratio Lower Upper

266 100

264 62.2 50.3 75.5

268 61.7 52.1 78.1





#72

Phenanthrene

Concen: 62.650 ng/u1

RT: 17.269 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

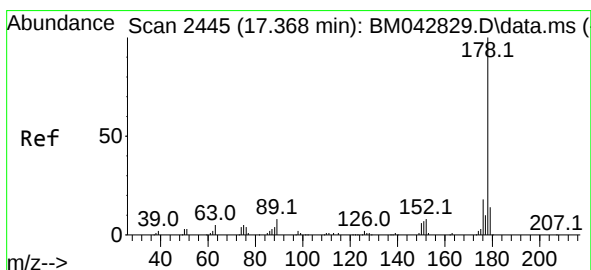
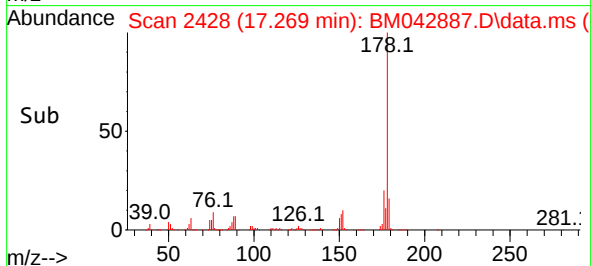
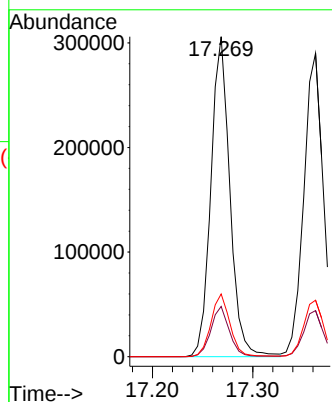
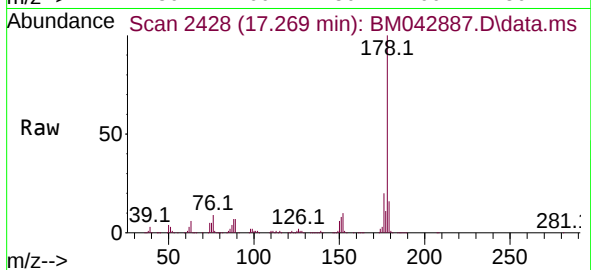
Tgt Ion:178 Resp: 402562

Ion Ratio Lower Upper

178 100

179 15.7 11.4 17.2

176 19.6 15.5 23.3



#74

Anthracene

Concen: 62.239 ng/u1

RT: 17.363 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

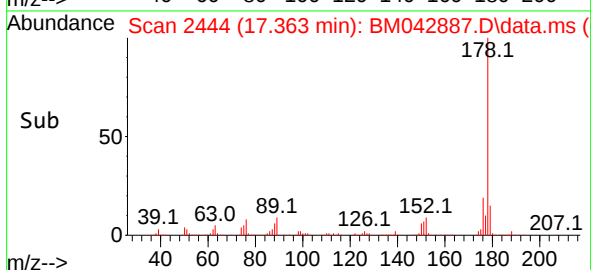
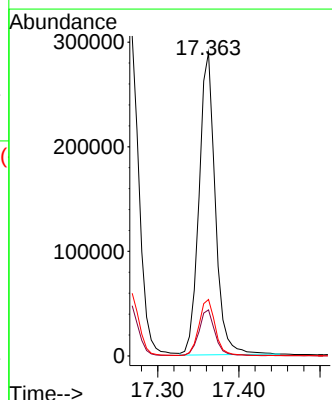
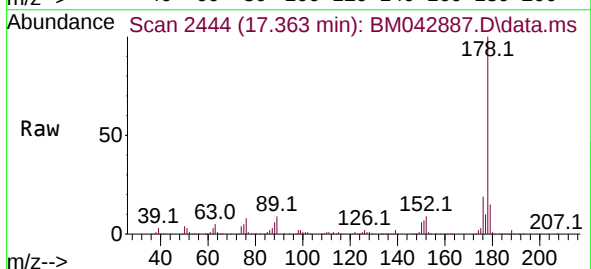
Tgt Ion:178 Resp: 402262

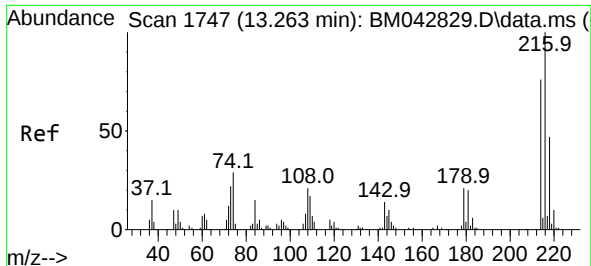
Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

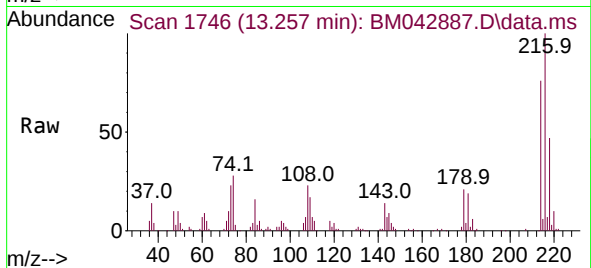
176 18.6 15.7 23.5



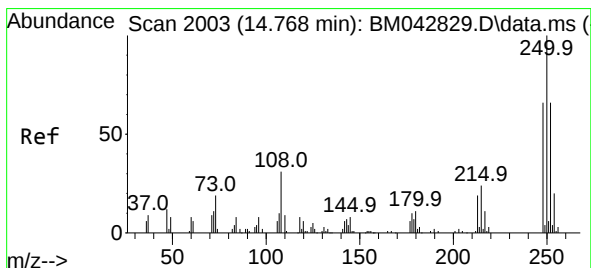
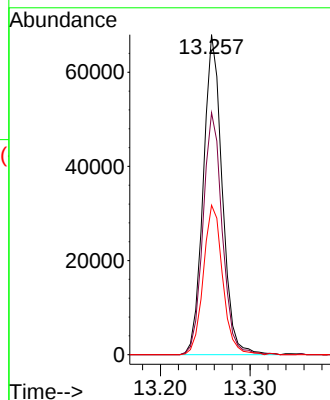
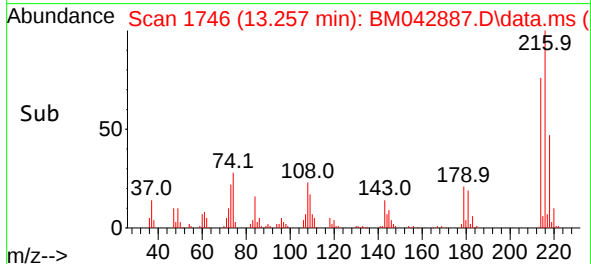


#75
1,2,3,4-Tetrachlorobenzene
Concen: 54.768 ng/uL
RT: 13.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

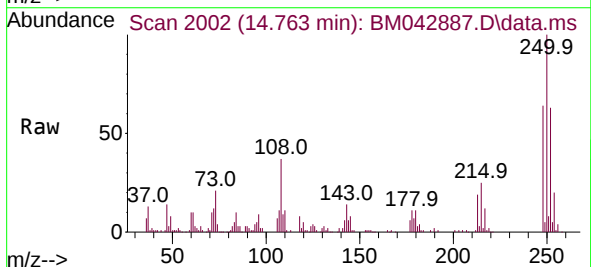
Instrument :
BNA_M
ClientSampleId :



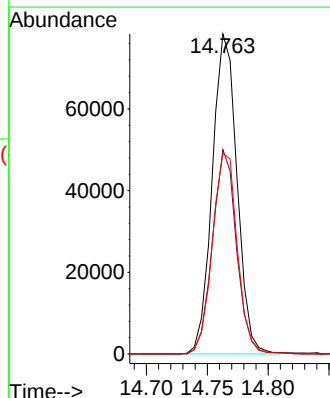
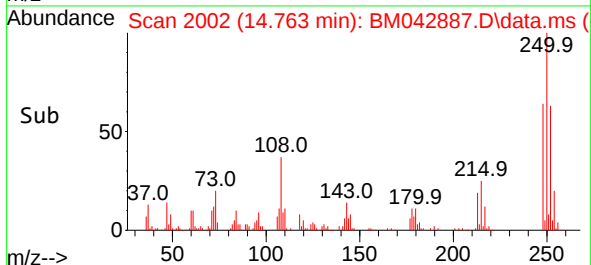
Tgt Ion:216 Resp: 99608
Ion Ratio Lower Upper
216 100
214 75.6 62.6 94.0
218 46.7 39.3 58.9

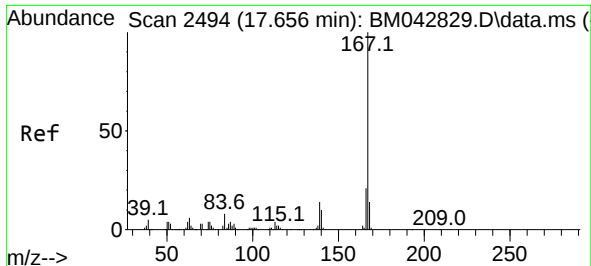


#76
Pentachlorobenzene
Concen: 57.938 ng/uL
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32



Tgt Ion:250 Resp: 110565
Ion Ratio Lower Upper
250 100
248 63.8 51.0 76.6
252 62.7 51.8 77.8

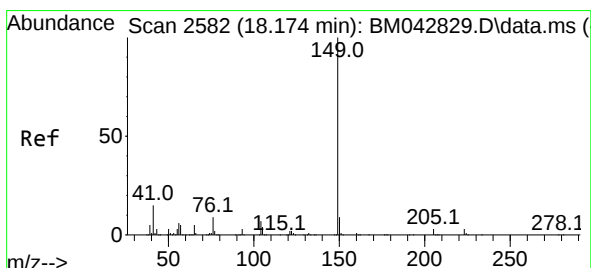
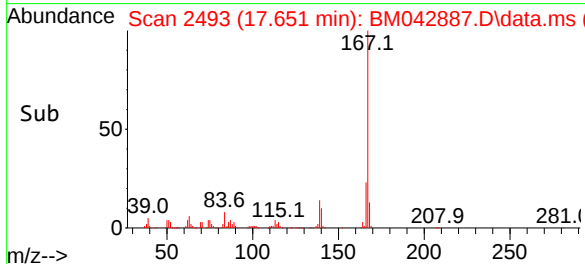
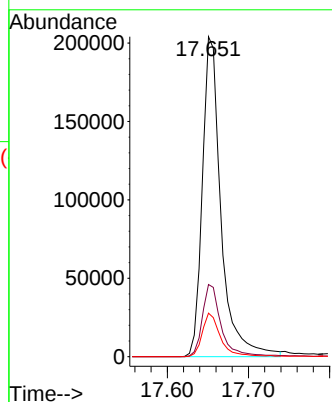
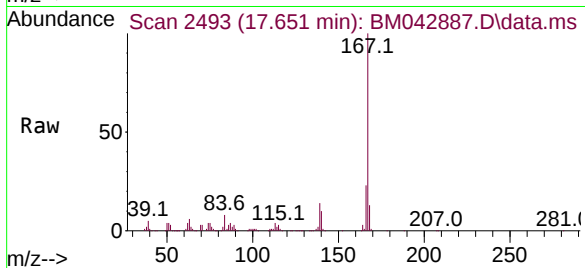




#77
Carbazole
Concen: 61.130 ng/ul
RT: 17.651 min Scan# 2493
Delta R.T. -0.006 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

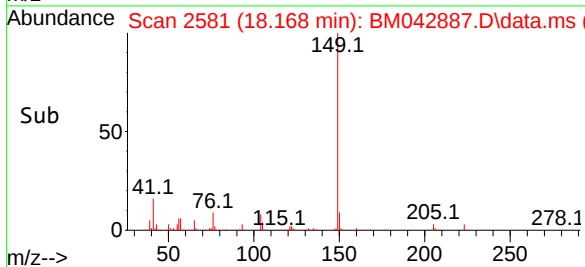
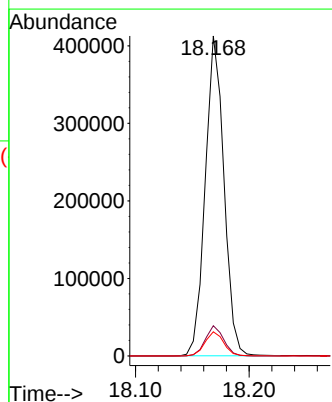
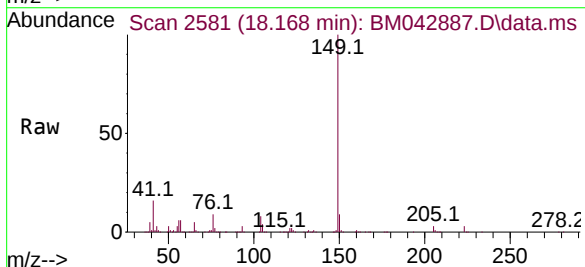
Instrument :
BNA_M
ClientSampleId :

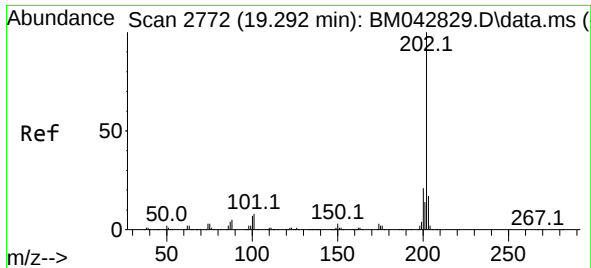
Tgt Ion:167 Resp: 326242
Ion Ratio Lower Upper
167 100
166 22.6 17.2 25.8
139 13.6 10.8 16.2



#78
Di-n-butylphthalate
Concen: 60.290 ng/ul
RT: 18.168 min Scan# 2581
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:149 Resp: 470500
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 7.6 5.3 7.9

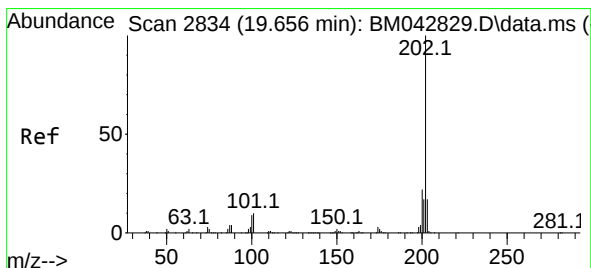
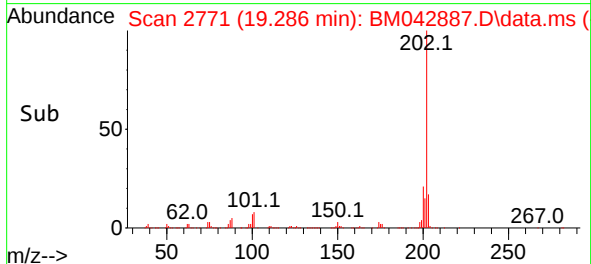
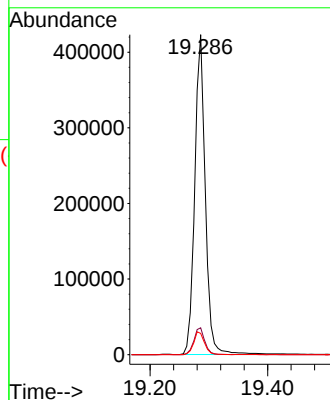
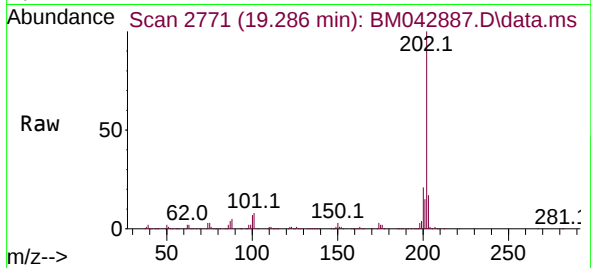




#80
Fluoranthene
Concen: 58.234 ng/ul
RT: 19.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

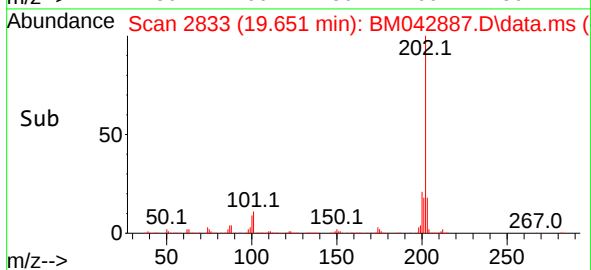
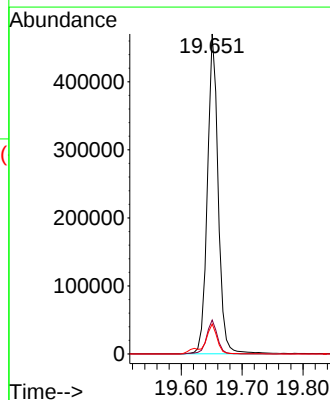
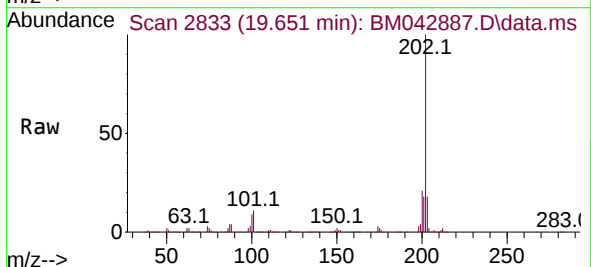
Instrument :
BNA_M
ClientSampleId :

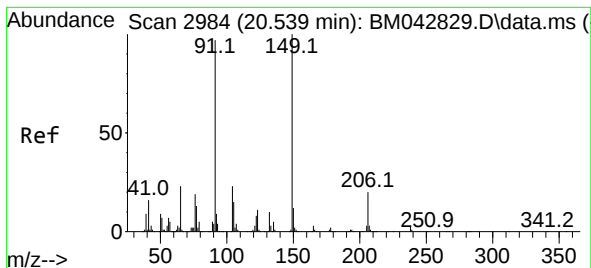
Tgt Ion:202 Resp: 530437
Ion Ratio Lower Upper
202 100
101 8.4 6.6 9.8
100 6.7 5.6 8.4



#82
Pyrene
Concen: 59.930 ng/ul
RT: 19.651 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BM042887.D
Acq: 18 Nov 2023 18:32

Tgt Ion:202 Resp: 578808
Ion Ratio Lower Upper
202 100
101 10.6 8.1 12.1
100 9.3 6.9 10.3





#83

Butylbenzylphthalate

Concen: 54.170 ng/ul

RT: 20.533 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

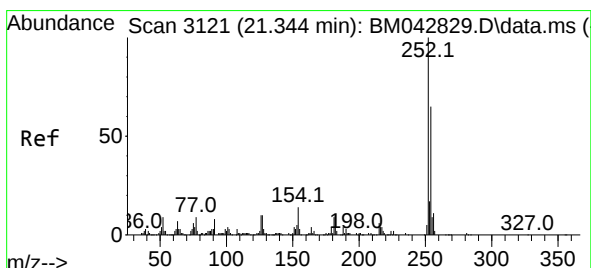
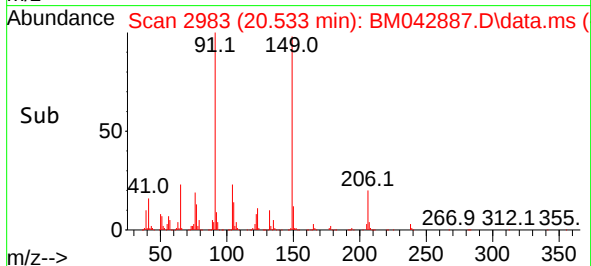
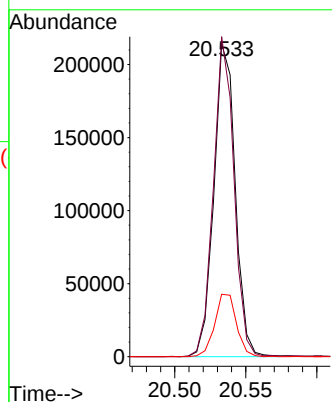
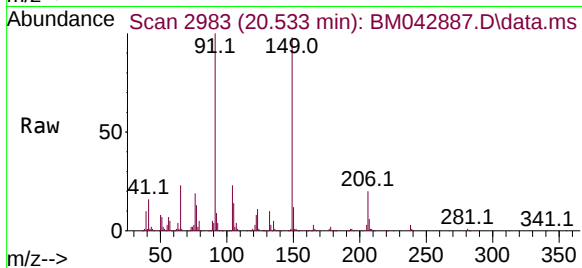
Tgt Ion:149 Resp: 223463

Ion Ratio Lower Upper

149 100

91 102.2 69.3 103.9

206 19.9 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 50.750 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

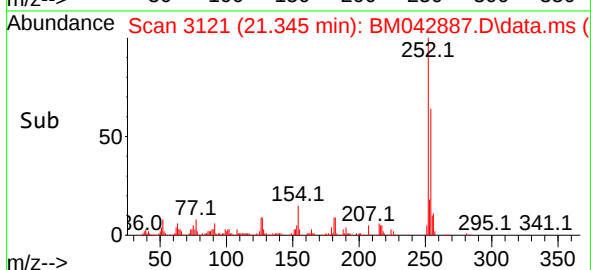
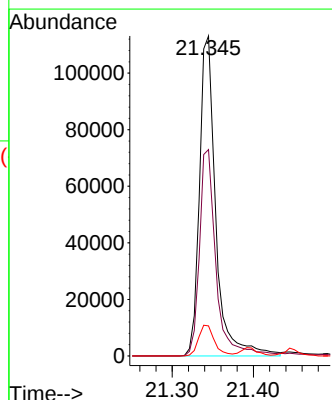
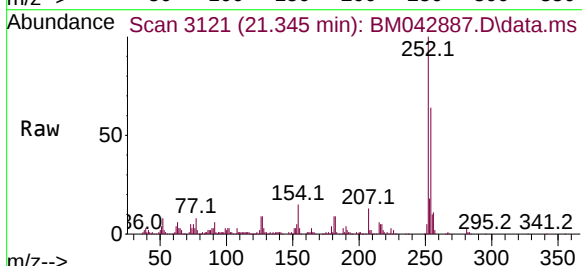
Tgt Ion:252 Resp: 158457

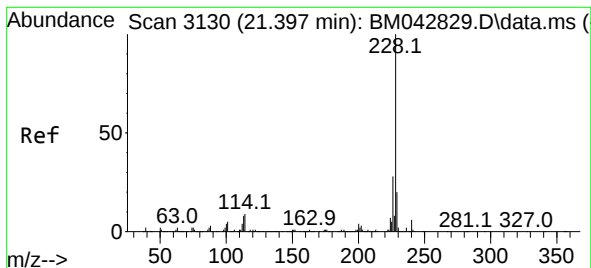
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 9.4 7.8 11.8





#85

Benzo(a)anthracene

Concen: 62.434 ng/ul

RT: 21.398 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

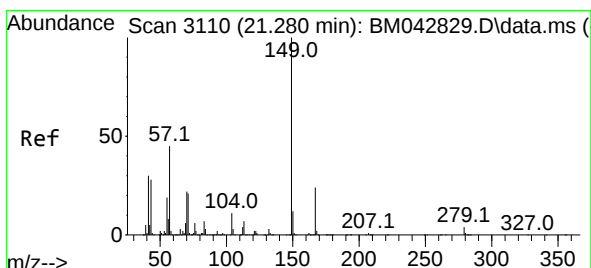
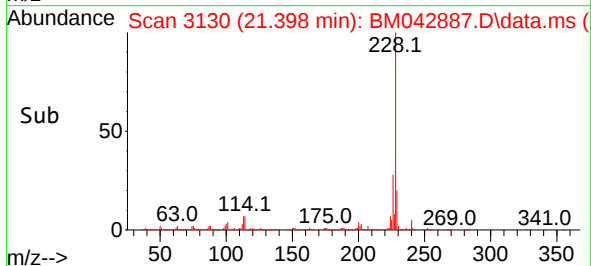
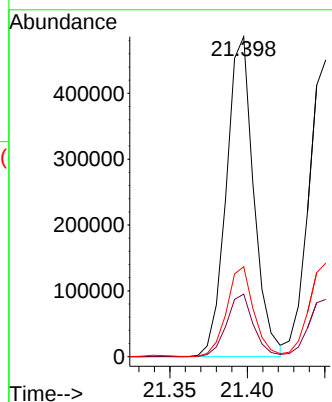
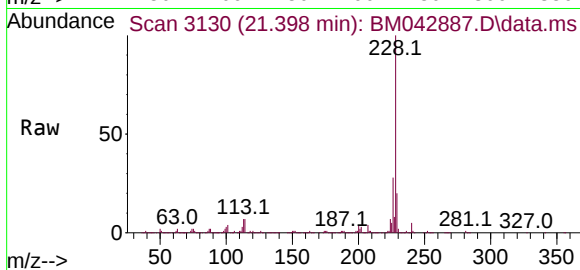
Tgt Ion:228 Resp: 597902

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 28.1 22.5 33.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 54.033 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

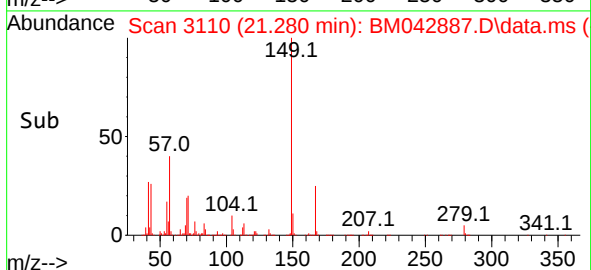
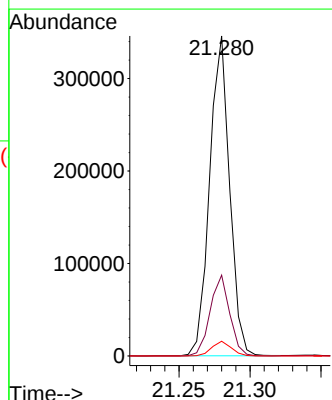
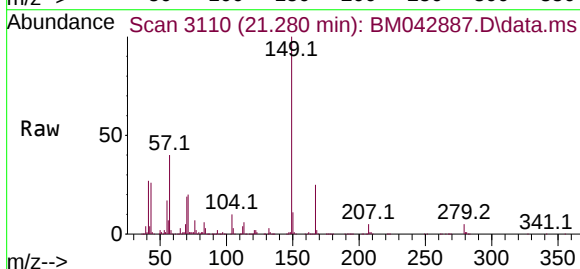
Tgt Ion:149 Resp: 338184

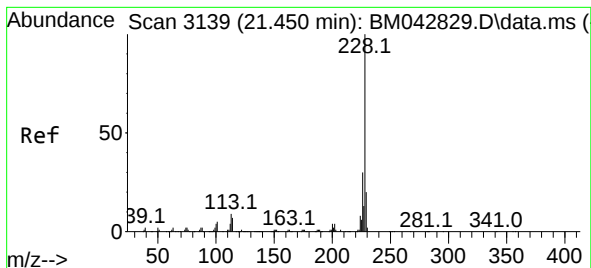
Ion Ratio Lower Upper

149 100

167 25.2 20.6 31.0

279 4.6 3.5 5.3





#87

Chrysene

Concen: 61.909 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

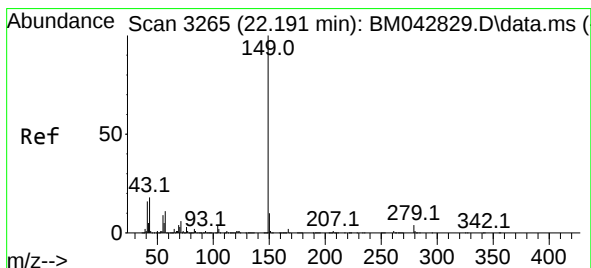
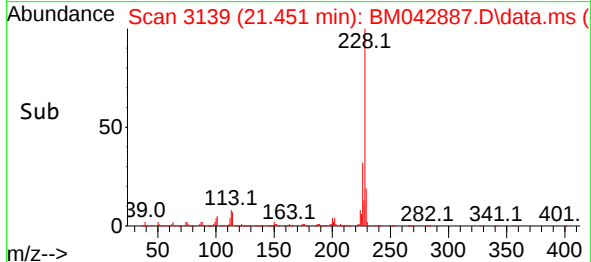
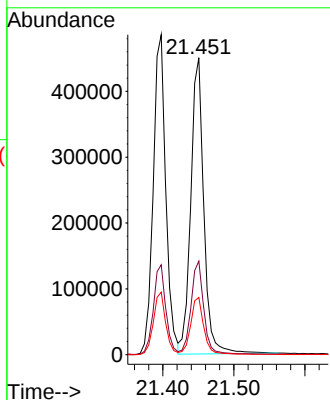
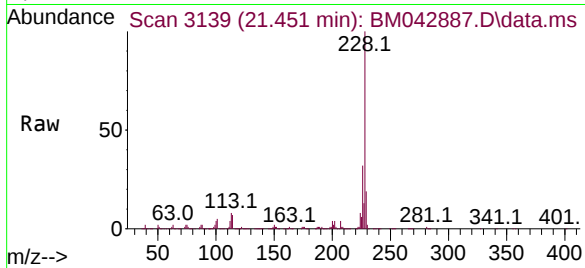
Tgt Ion:228 Resp: 574980

Ion Ratio Lower Upper

228 100

226 31.5 24.3 36.5

229 19.3 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 59.411 ng/ul

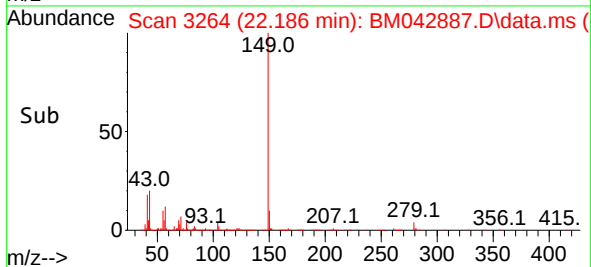
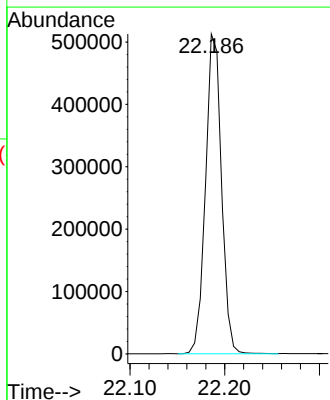
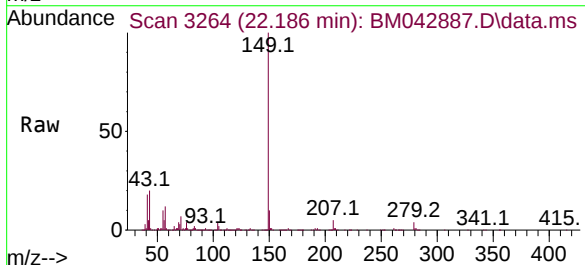
RT: 22.186 min Scan# 3264

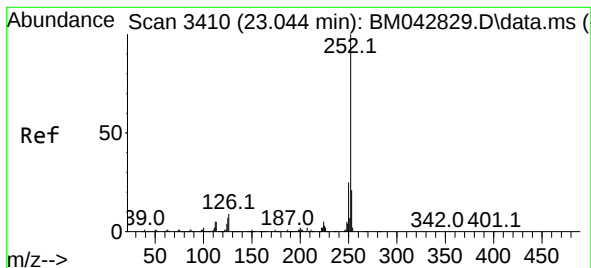
Delta R.T. -0.006 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Tgt Ion:149 Resp: 599187





#90

Benzo(b)fluoranthene

Concen: 70.600 ng/ul

RT: 23.045 min Scan# 3410

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

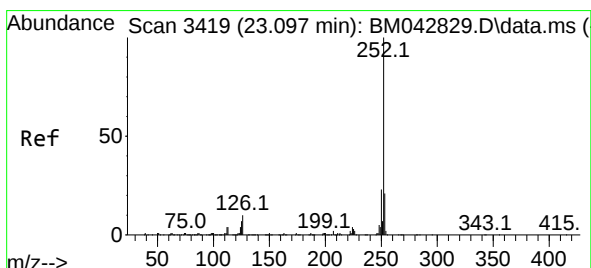
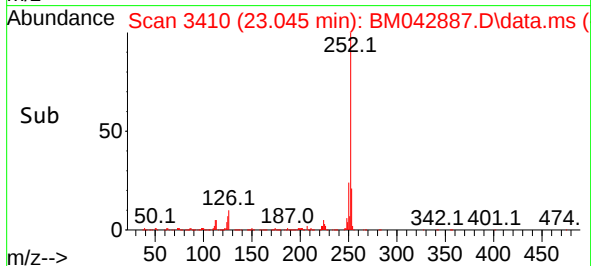
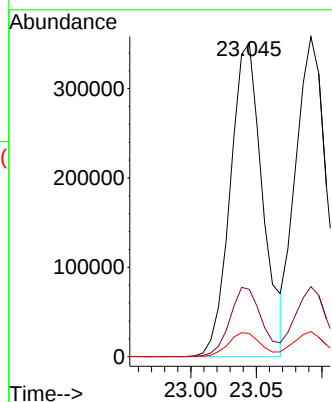
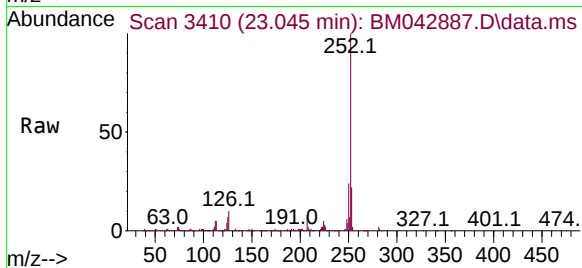
Tgt Ion:252 Resp: 601553

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 7.4 5.2 7.8



#91

Benzo(k)fluoranthene

Concen: 67.417 ng/ul

RT: 23.092 min Scan# 3418

Delta R.T. 0.000 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

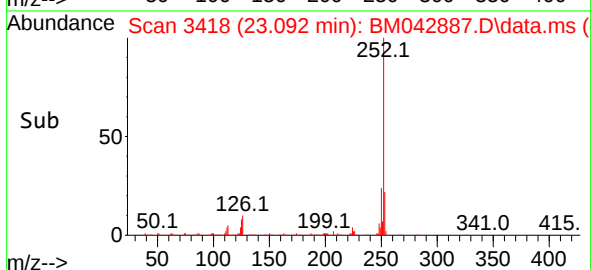
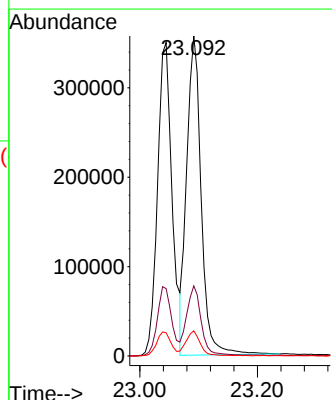
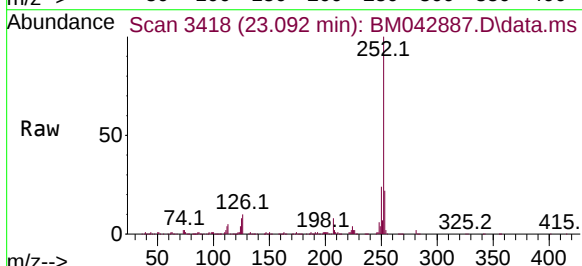
Tgt Ion:252 Resp: 611485

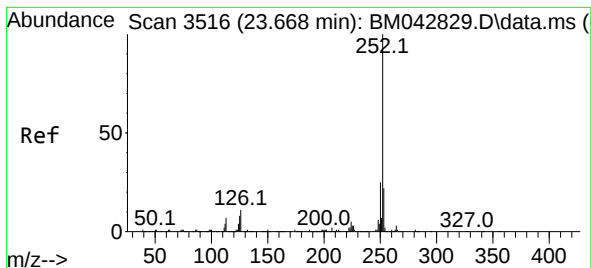
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 7.8 5.5 8.3





#93

Benzo(a)pyrene

Concen: 68.982 ng/ul

RT: 23.668 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

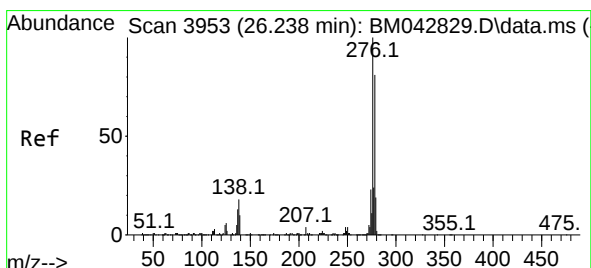
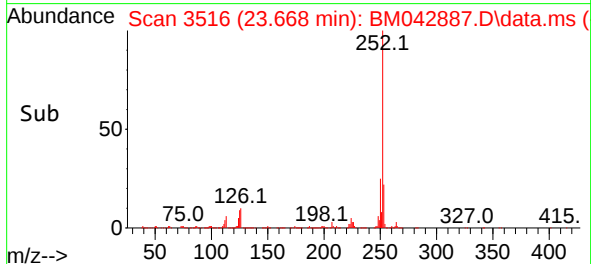
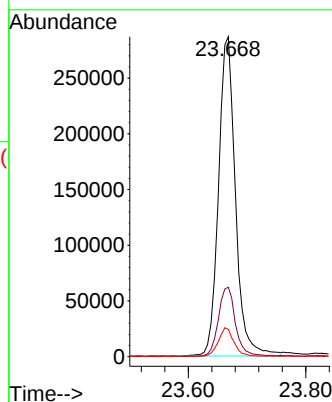
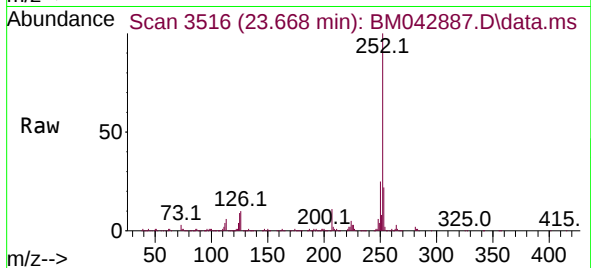
Tgt Ion:252 Resp: 572742

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 8.5 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 68.112 ng/ul

RT: 26.233 min Scan# 3952

Delta R.T. 0.006 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

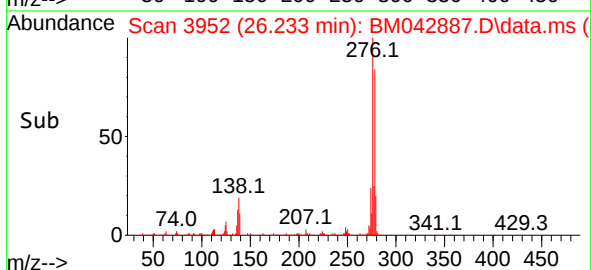
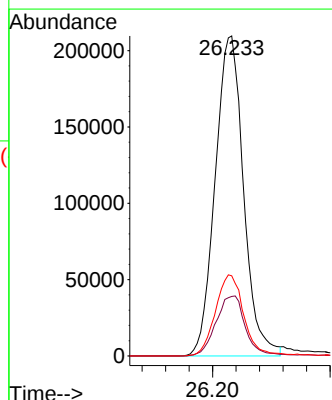
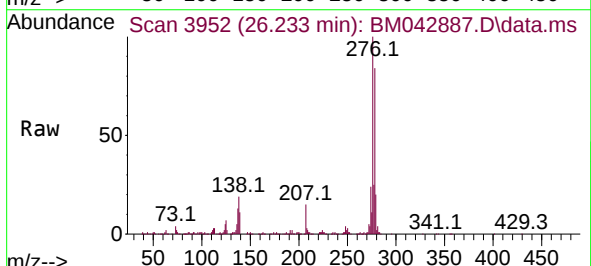
Tgt Ion:276 Resp: 702826

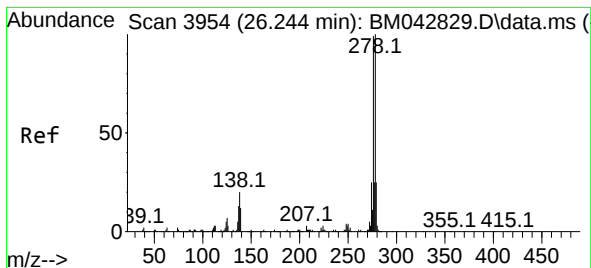
Ion Ratio Lower Upper

276 100

138 18.6 13.8 20.8

277 25.1 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 68.465 ng/ul

RT: 26.244 min Scan# 3954

Delta R.T. 0.006 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Instrument :

BNA_M

ClientSampleId :

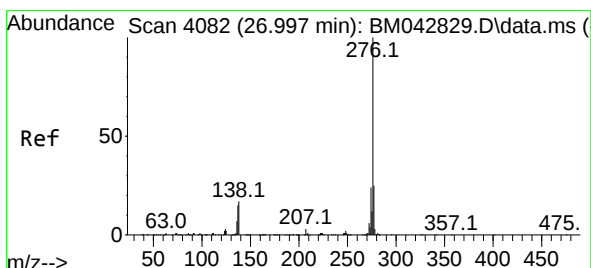
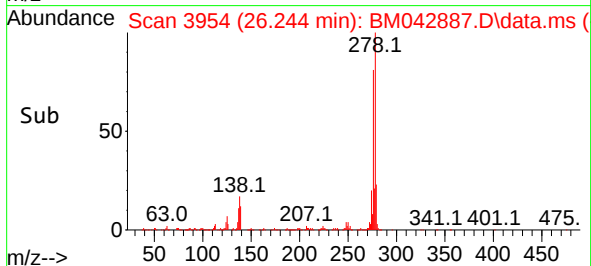
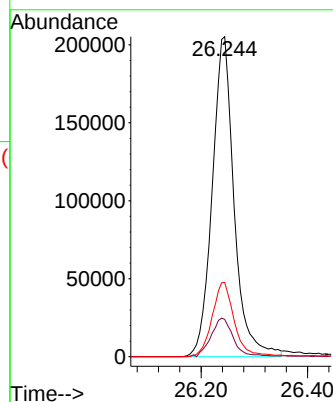
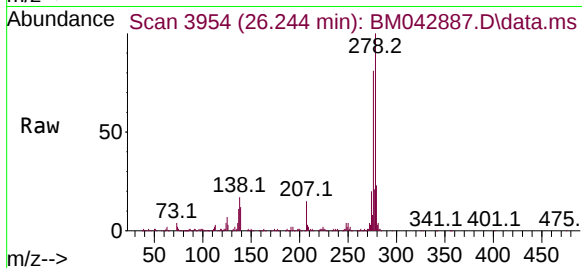
Tgt Ion:278 Resp: 585704

Ion Ratio Lower Upper

278 100

139 11.7 9.0 13.4

279 23.2 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 67.199 ng/ul

RT: 26.997 min Scan# 4082

Delta R.T. 0.006 min

Lab File: BM042887.D

Acq: 18 Nov 2023 18:32

Tgt Ion:276 Resp: 550620

Ion Ratio Lower Upper

276 100

138 15.7 13.0 19.6

277 23.2 18.4 27.6

