

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042882.D
 Acq On : 18 Nov 2023 14:52
 Operator : MA/JU
 Sample : PB156976BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 21:11:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	37924	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.627	136	155716	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.468	164	103013	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.227	188	230845	20.000	ng/u1	-0.01
79) Chrysene-d12	21.409	240	255668	20.000	ng/u1	-0.01
88) Perylene-d12	23.768	264	276492	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	5233	4.330	ng/uL	-0.01
4) Pyridine-d5	3.604	84	70016	23.289	ng/u1	-0.01
7) Phenol-d5	6.981	99	84027	22.766	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	63972	24.666	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.334	132	62813	22.055	ng/u1	-0.02
15) 4-Methylphenol-d8	8.534	113	63374	21.807	ng/u1	-0.02
21) Nitrobenzene-d5	9.139	128	134	0.098	ng/u1	0.11
24) 2-Nitrophenol-d4	9.728	143	33706	21.105	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.251	165	64760	21.807	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.804	131	71903	19.070	ng/u1	-0.01
46) Dimethylphthalate-d6	13.892	166	201529	20.671	ng/u1	-0.01
49) Acenaphthylene-d8	14.168	160	222441	21.324	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.721	143	19905	18.071	ng/u1	-0.02
60) Fluorene-d10	15.462	176	169656	21.014	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.615	200	32182	18.405	ng/u1	-0.01
73) Anthracene-d10	17.327	188	262536	20.293	ng/u1	-0.01
81) Pyrene-d10	19.621	212	349610	20.882	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.615	264	361444	21.855	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	11939	9.276	ng/uL#	91
5) Pyridine	3.628	79	81375	24.892	ng/u1	99
6) Benzaldehyde	6.981	77	55086	26.013	ng/u1	97
8) Phenol	7.010	94	88586	24.129	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.257	93	71651	23.627	ng/u1	88
12) 2-Chlorophenol	7.369	128	65395	23.073	ng/u1#	88
13) 2-Methylphenol	8.263	108	62757	22.923	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.328	45	79108	14.329	ng/u1	97
16) Acetophenone	8.669	105	109820	22.473	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.633	70	70519	23.706	ng/u1	92
18) 4-Methylphenol	8.598	108	66866	22.464	ng/u1	100
19) Hexachloroethane	8.869	117	38954	24.659	ng/u1	87
22) Nitrobenzene	9.057	77	104452	25.314	ng/u1	95
23) Isophorone	9.563	82	183432	22.320	ng/u1	97
25) 2-Nitrophenol	9.757	139	35723	22.015	ng/u1	93
26) 2,4-Dimethylphenol	9.798	107	61121	17.605	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.057	93	98643	23.753	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	63331	22.525	ng/u1	96
30) Naphthalene	10.675	128	216301	22.172	ng/u1	99
32) 4-Chloroaniline	10.827	127	70591	19.515	ng/u1	99
33) Hexachlorobutadiene	10.898	225	56388	22.704	ng/u1	94
34) Caprolactam	11.645	113	11113	13.331	ng/u1	90
35) 4-Chloro-3-methylphenol	11.933	107	66027	21.916	ng/u1	95
36) 2-Methylnaphthalene	12.286	142	144899	22.162	ng/u1	99

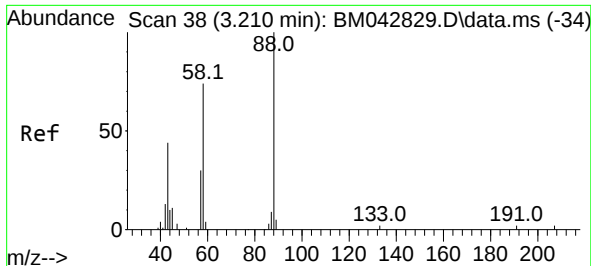
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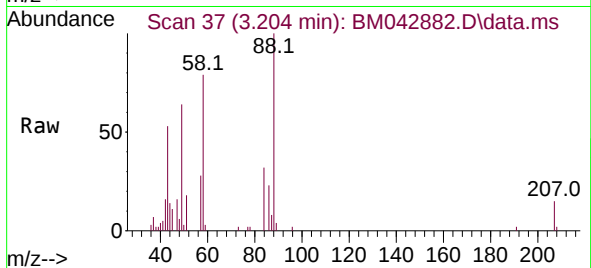
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	144672	21.045	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.639	216	94222	23.322	ng/ul	99
40) Hexachlorocyclopentadiene	12.580	237	31084	16.252	ng/ul	95
41) 2,4,6-Trichlorophenol	12.904	196	56561	22.920	ng/ul	94
42) 2,4,5-Trichlorophenol	12.980	196	56545	23.730	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	196321	22.852	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	156906	22.703	ng/ul	97
45) 2-Nitroaniline	13.604	65	57282	25.414	ng/ul	91
47) Dimethylphthalate	13.939	163	205301	21.620	ng/ul	98
48) 2,6-Dinitrotoluene	14.092	165	39150	21.945	ng/ul	88
50) Acenaphthylene	14.198	152	265739	22.735	ng/ul	99
51) 3-Nitroaniline	14.439	138	30375	20.822	ng/ul	93
52) Acenaphthene	14.533	153	179984	22.768	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	14347	16.174	ng/ul	85
55) 4-Nitrophenol	14.733	109	38324	22.110	ng/ul	96
56) Dibenzofuran	14.874	168	249192	22.712	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	58727	22.423	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	55470	22.426	ng/ul	96
59) Diethylphthalate	15.292	149	211350	21.225	ng/ul	98
61) Fluorene	15.521	166	214030	22.976	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.515	204	117775	23.460	ng/ul	95
63) 4-Nitroaniline	15.604	138	27876	20.960	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.627	198	35752	20.083	ng/ul#	89
67) N-Nitrosodiphenylamine	15.739	169	162102	22.389	ng/ul	100
68) 4-Bromophenyl-phenylether	16.409	248	68302	22.228	ng/ul	95
69) Hexachlorobenzene	16.492	284	82548	21.975	ng/ul	96
70) Atrazine	16.692	200	63193	22.659	ng/ul	98
71) Pentachlorophenol	16.862	266	43167	19.956	ng/ul	98
72) Phenanthrene	17.268	178	330321	22.905	ng/ul	98
74) Anthracene	17.362	178	315723	21.765	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	97504	23.887	ng/uL	98
76) Pentachlorobenzene	14.762	250	99706	23.280	ng/uL	98
77) Carbazole	17.656	167	257393	21.489	ng/ul	99
78) Di-n-butylphthalate	18.168	149	364771	20.826	ng/ul	98
80) Fluoranthene	19.286	202	407160	21.329	ng/ul	98
82) Pyrene	19.650	202	440778	21.777	ng/ul	98
83) Butylbenzylphthalate	20.539	149	167296	19.351	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.344	252	122046	18.652	ng/ul	98
85) Benzo(a)anthracene	21.397	228	458386	22.840	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	246966	18.828	ng/ul	98
87) Chrysene	21.450	228	438453	22.526	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	432943	19.385	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	438333	23.230	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	477454	23.770	ng/ul	99
93) Benzo(a)pyrene	23.662	252	428072	23.282	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.226	276	541961	23.717	ng/ul	98
95) Dibenzo(a,h)anthracene	26.238	278	443758	23.424	ng/ul	99
96) Benzo(g,h,i)perylene	26.991	276	422506	23.284	ng/ul	98

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

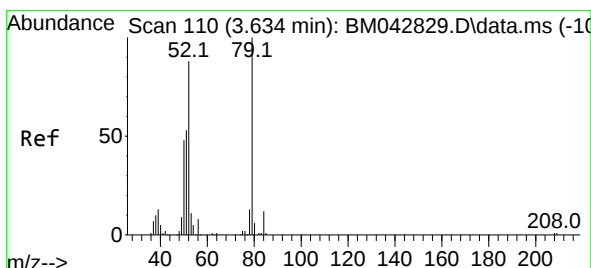
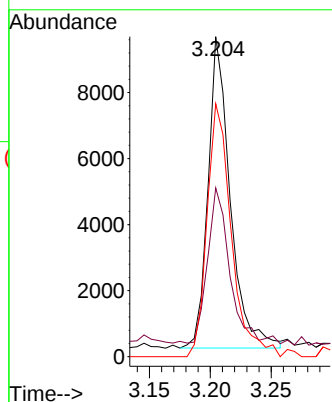
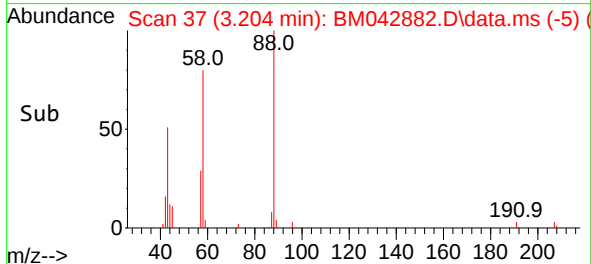


#2
1,4-Dioxane
Concen: 9.276 ng/uL
RT: 3.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042882.D
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Instrument :
BNA_M
ClientSampleId :

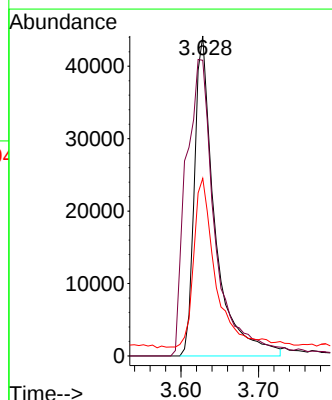
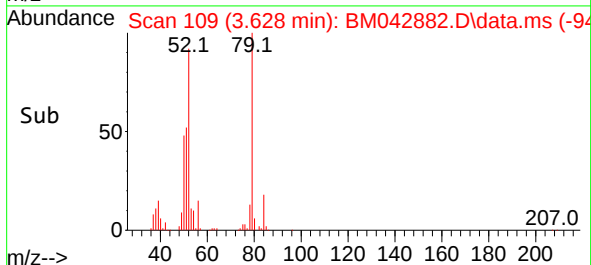
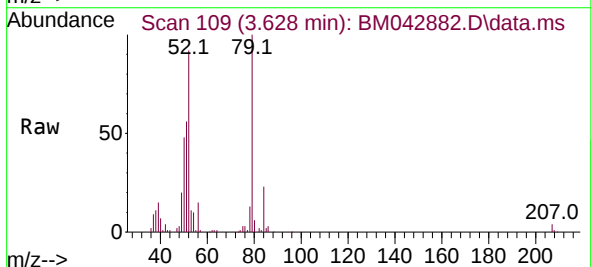


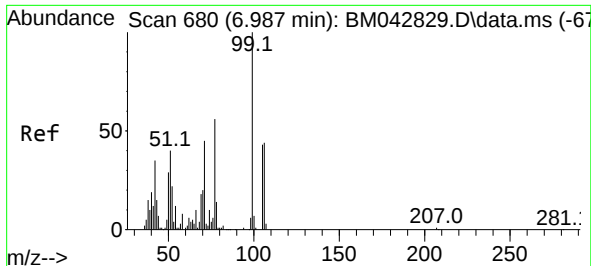
Tgt Ion: 88 Resp: 11939
Ion Ratio Lower Upper
88 100
43 52.7 34.3 51.5#
58 79.0 59.4 89.0



#5
Pyridine
Concen: 24.892 ng/uL
RT: 3.628 min Scan# 109
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion: 79 Resp: 81375
Ion Ratio Lower Upper
79 100
52 92.4 74.6 111.8
51 55.5 44.6 67.0

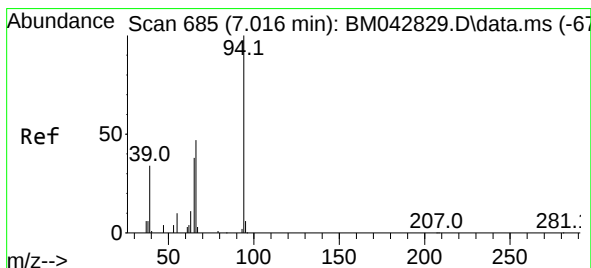
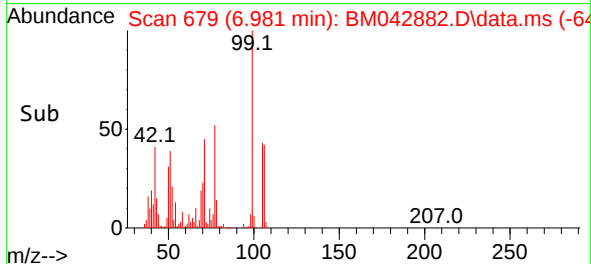
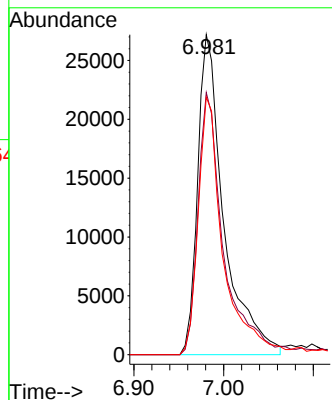
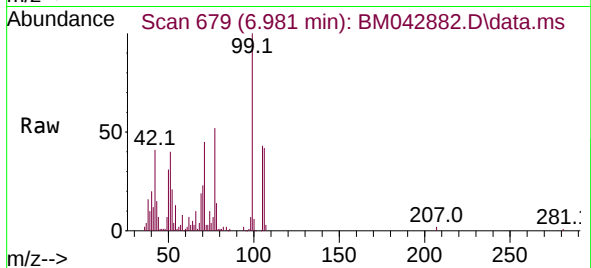




#6
Benzaldehyde
Concen: 26.013 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

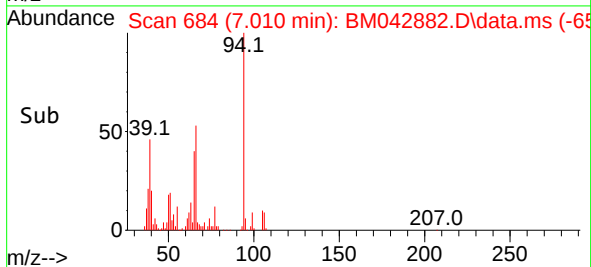
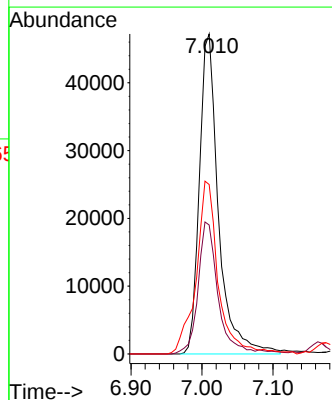
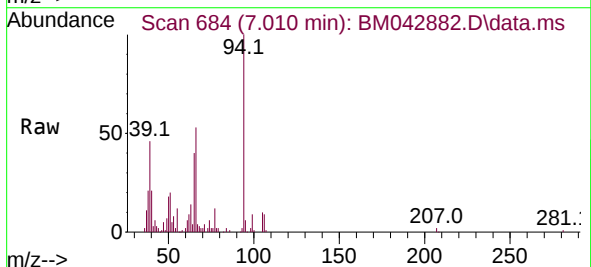
Instrument :
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ClientSampleId :

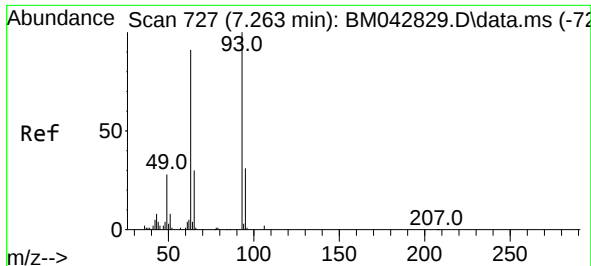
Tgt Ion: 77 Resp: 55086
Ion Ratio Lower Upper
77 100
105 81.9 69.6 104.4
106 80.5 64.2 96.2



#8
Phenol
Concen: 24.129 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion: 94 Resp: 88586
Ion Ratio Lower Upper
94 100
65 40.3 30.3 45.5
66 53.0 39.9 59.9





#10

Bis(2-Chloroethyl)ether

Concen: 23.627 ng/ul

RT: 7.257 min Scan# 71

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

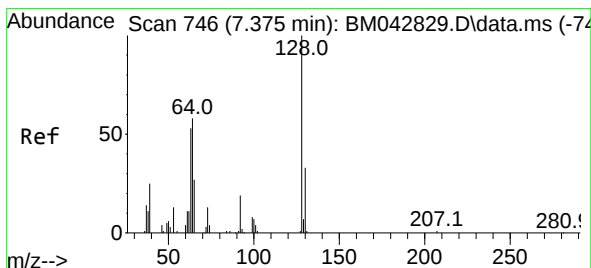
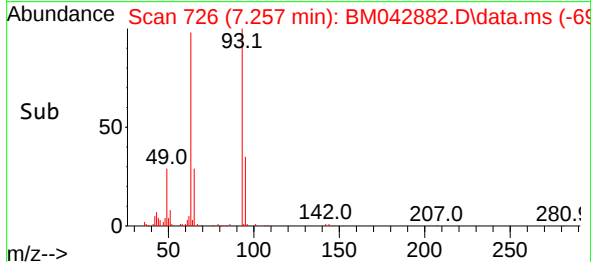
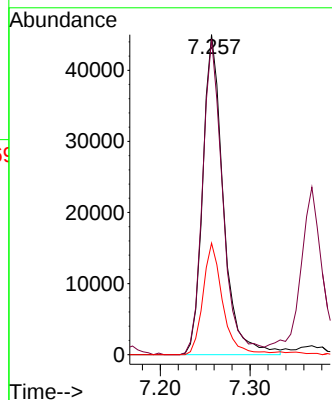
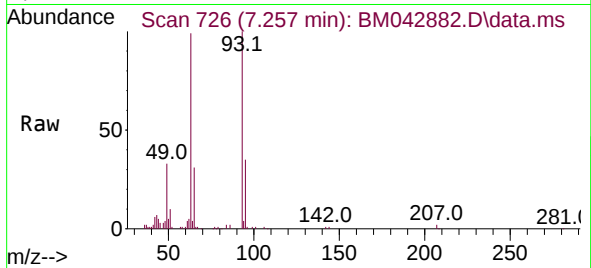
Tgt Ion: 93 Resp: 71651

Ion Ratio Lower Upper

93 100

63 98.6 68.6 102.8

95 34.8 24.8 37.2



#12

2-Chlorophenol

Concen: 23.073 ng/ul

RT: 7.369 min Scan# 745

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

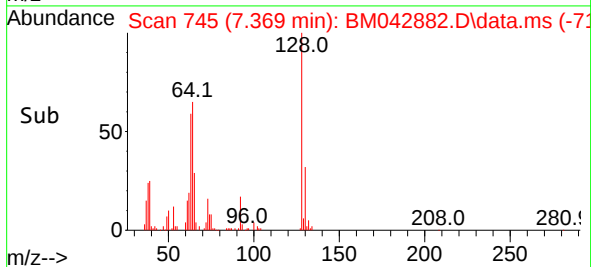
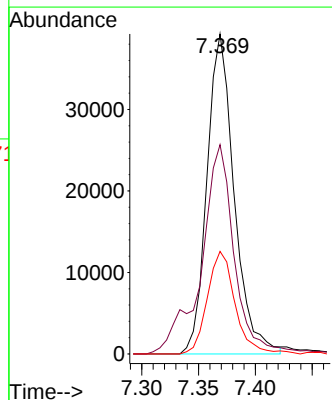
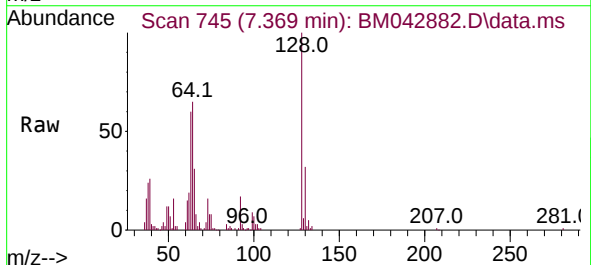
Tgt Ion:128 Resp: 65395

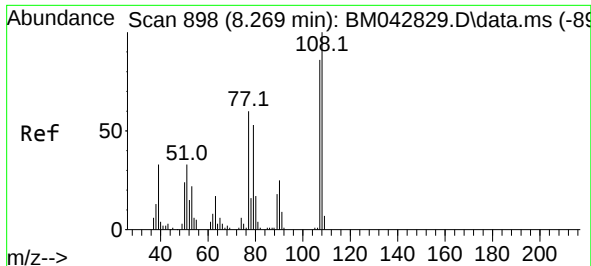
Ion Ratio Lower Upper

128 100

64 65.4 42.9 64.3

130 32.1 23.9 35.9

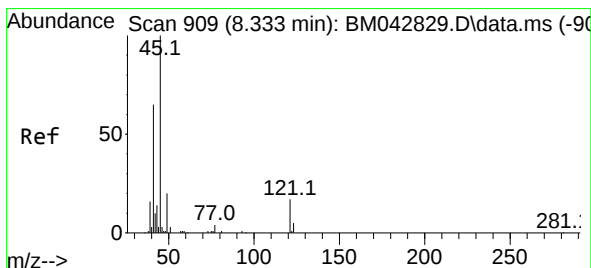
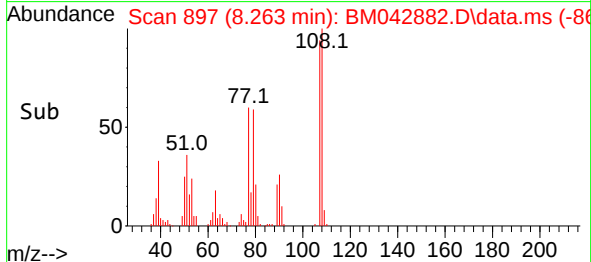
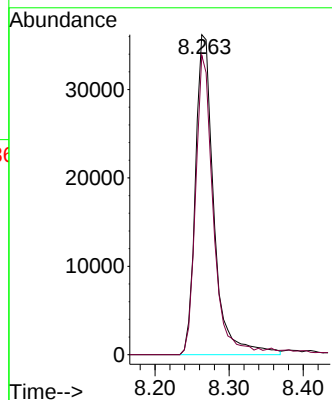
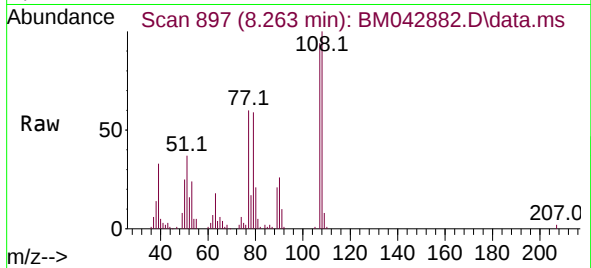




#13
2-Methylphenol
Concen: 22.923 ng/ul
RT: 8.263 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM042882.D
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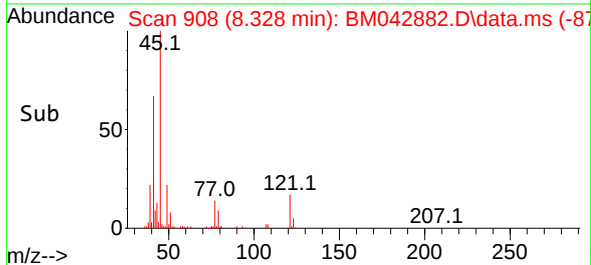
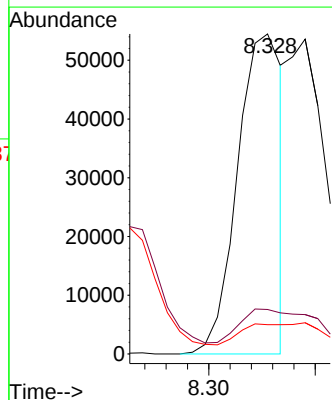
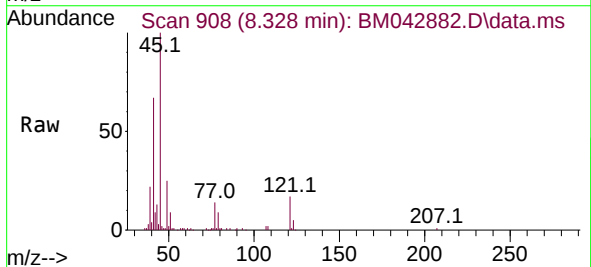
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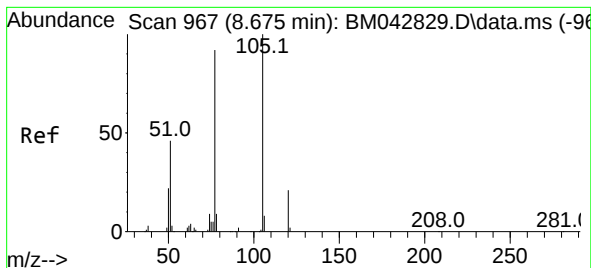
Tgt Ion:108 Resp: 62757
Ion Ratio Lower Upper
108 100
107 93.6 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.329 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion: 45 Resp: 79108
Ion Ratio Lower Upper
45 100
77 13.9 12.2 18.2
79 9.2 8.2 12.2





#16

Acetophenone

Concen: 22.473 ng/ul

RT: 8.669 min Scan# 967

Delta R.T. -0.012 min

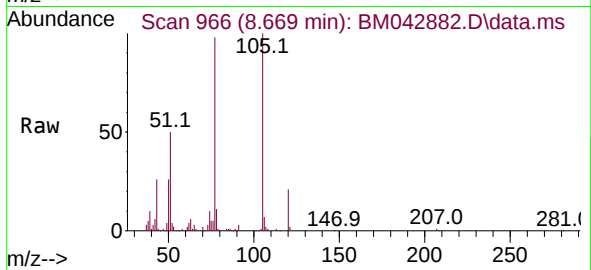
Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :



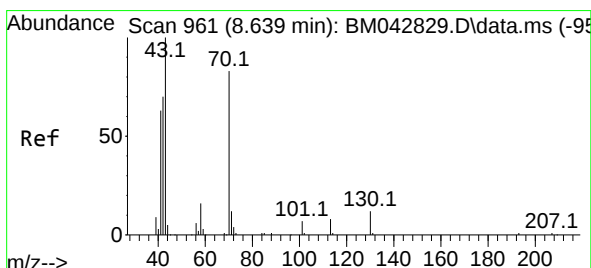
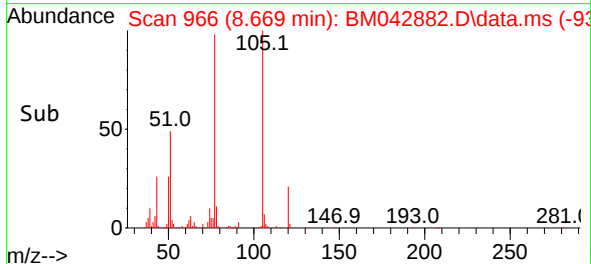
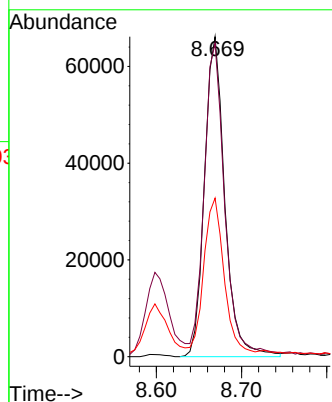
Tgt Ion:105 Resp: 109820

Ion Ratio Lower Upper

105 100

77 97.9 71.6 107.4

51 49.6 35.4 53.2



#17

N-Nitroso-di-n-propylamine

Concen: 23.706 ng/ul

RT: 8.633 min Scan# 960

Delta R.T. -0.012 min

Lab File: BM042882.D

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Tgt Ion: 70 Resp: 70519

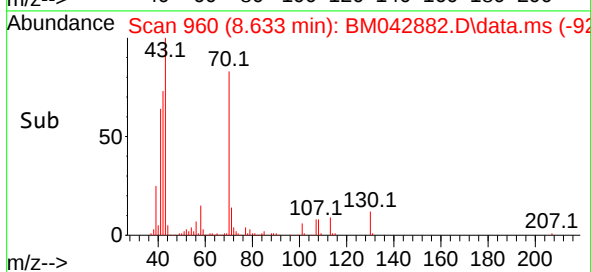
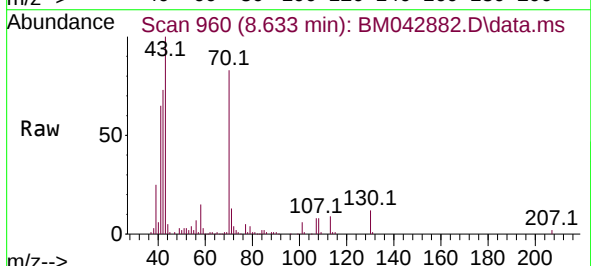
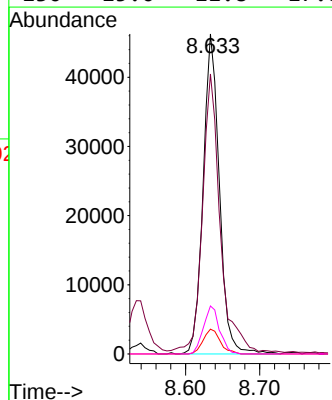
Ion Ratio Lower Upper

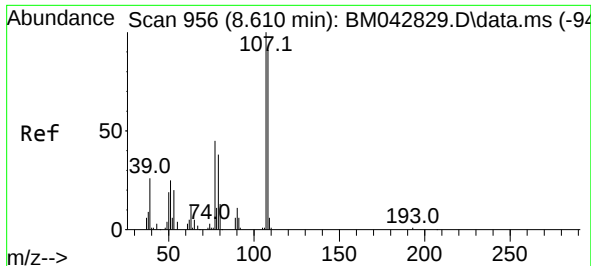
70 100

42 87.5 63.0 94.6

101 7.8 7.0 10.4

130 15.0 11.8 17.8

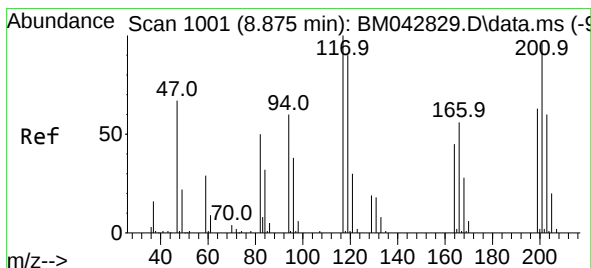
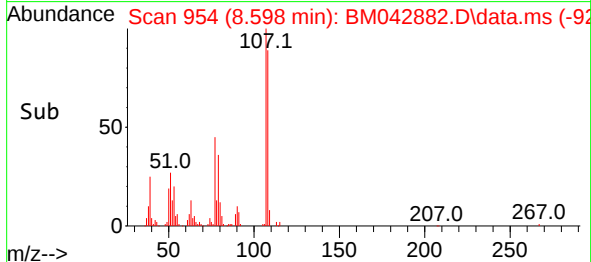
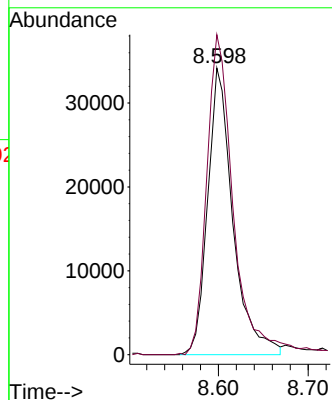
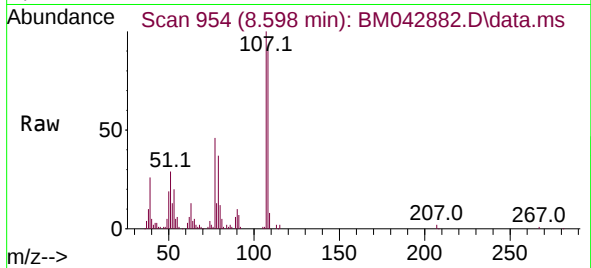




#18
4-Methylphenol
Concen: 22.464 ng/ul
RT: 8.598 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

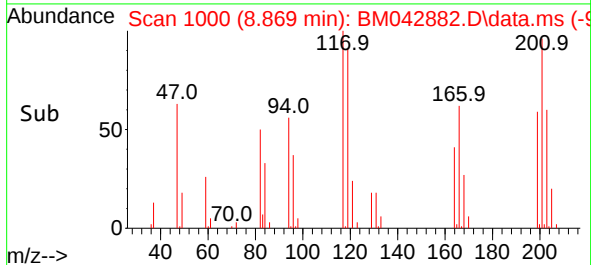
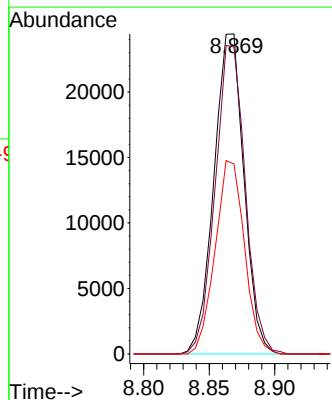
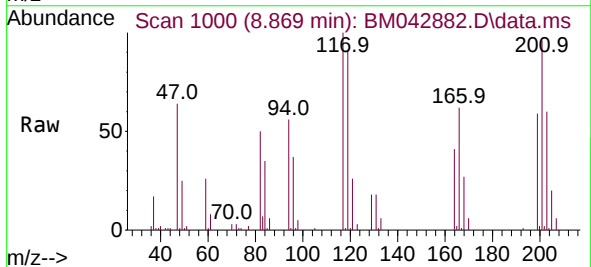
Instrument :
BNA_M
ClientSampleId :

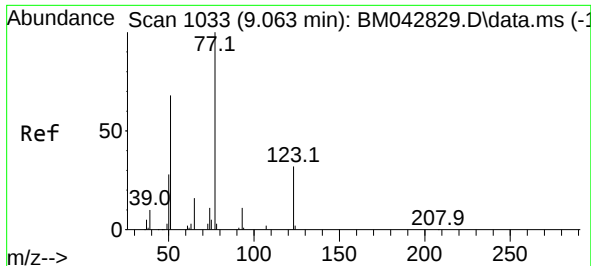
Tgt Ion:108 Resp: 66866
Ion Ratio Lower Upper
108 100
107 111.6 89.4 134.0



#19
Hexachloroethane
Concen: 24.659 ng/ul
RT: 8.869 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:117 Resp: 38954
Ion Ratio Lower Upper
117 100
201 96.0 90.0 135.0
199 59.3 52.2 78.4

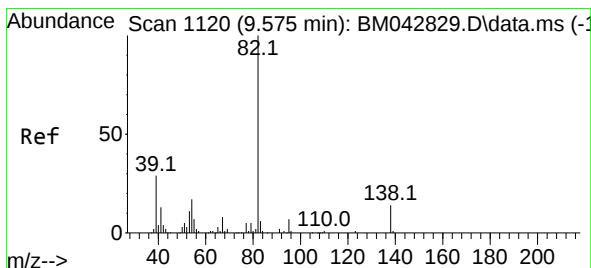
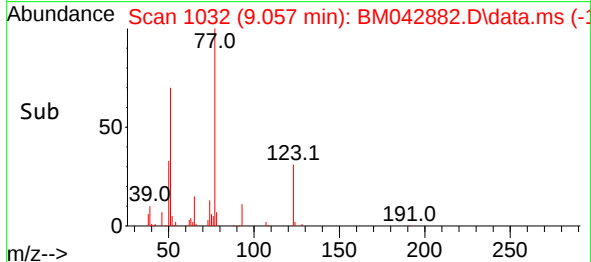
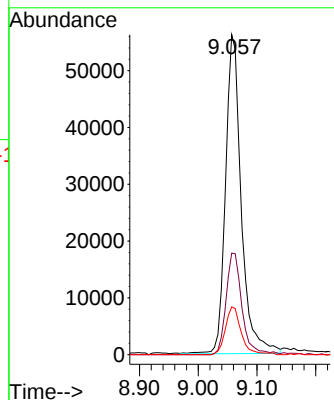
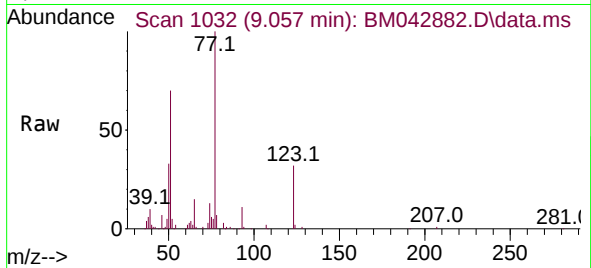




#22
Nitrobenzene
Concen: 25.314 ng/ul
RT: 9.057 min Scan# 1118
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

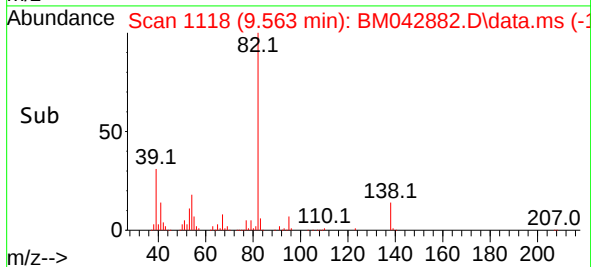
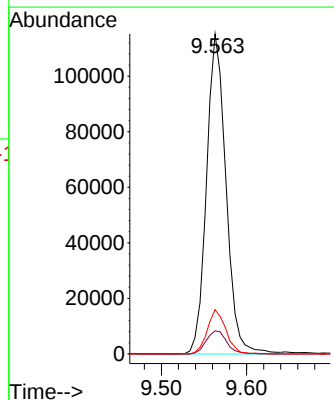
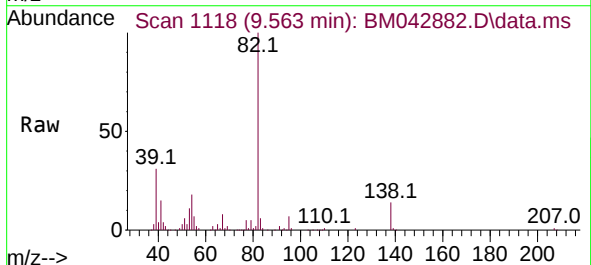
Instrument :
BNA_M
ClientSampleId :

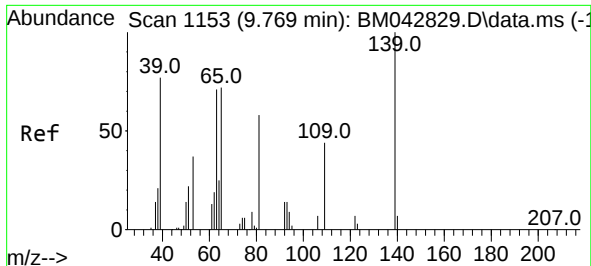
Tgt Ion: 77 Resp: 104452
Ion Ratio Lower Upper
77 100
123 31.7 28.4 42.6
65 15.0 12.4 18.6



#23
Isophorone
Concen: 22.320 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion: 82 Resp: 183432
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 13.8 12.1 18.1

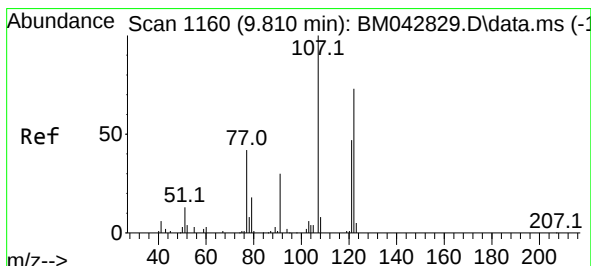
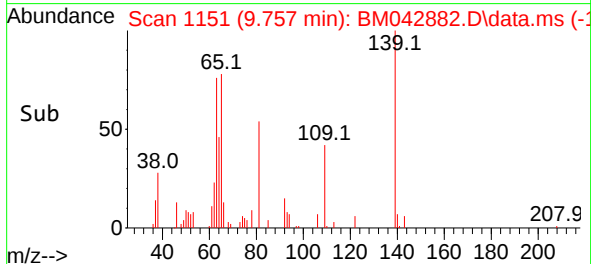
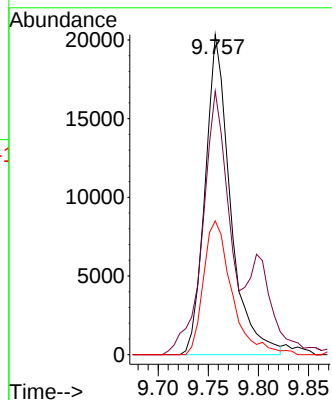
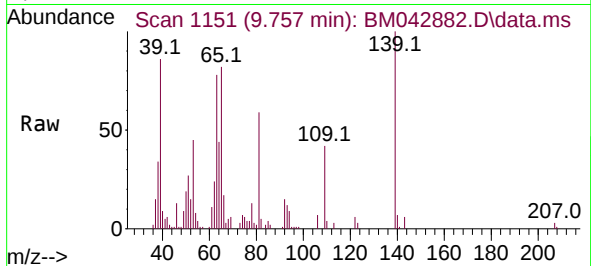




#25
2-Nitrophenol
Concen: 22.015 ng/ul
RT: 9.757 min Scan# 1153
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

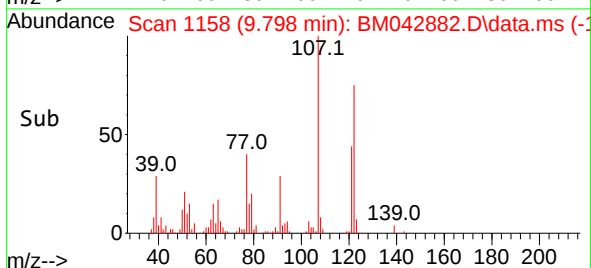
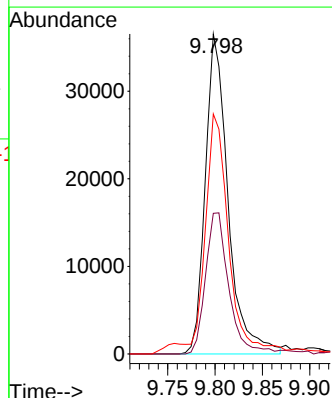
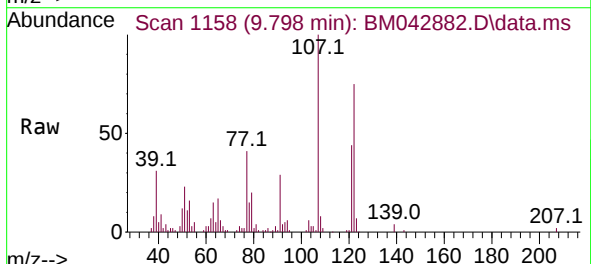
Instrument :
BNA_M
ClientSampleId :

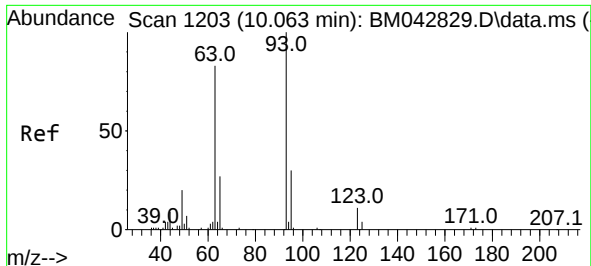
Tgt Ion:139 Resp: 35723
Ion Ratio Lower Upper
139 100
65 82.4 59.1 88.7
109 41.8 33.9 50.9



#26
2,4-Dimethylphenol
Concen: 17.605 ng/ul
RT: 9.798 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:107 Resp: 61121
Ion Ratio Lower Upper
107 100
121 44.0 38.0 57.0
122 75.0 60.5 90.7





#27

Bis(2-Chloroethoxy)methane

Concen: 23.753 ng/ul

RT: 10.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

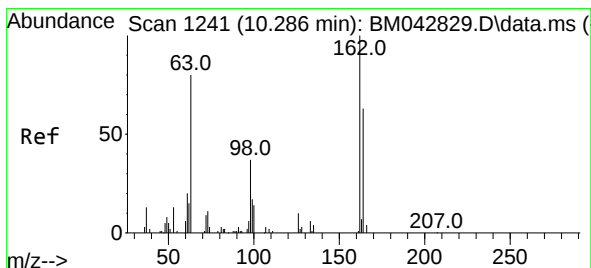
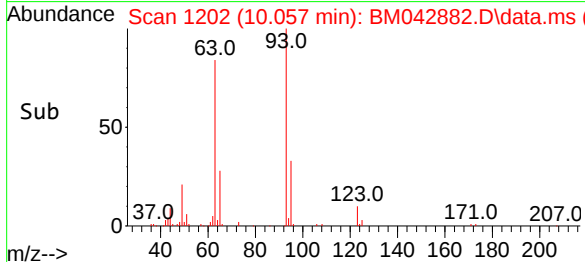
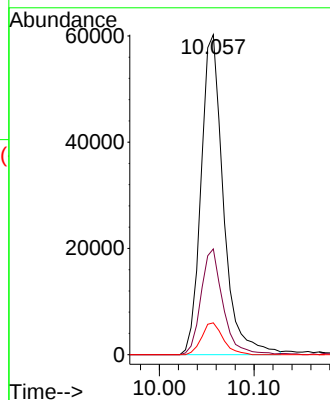
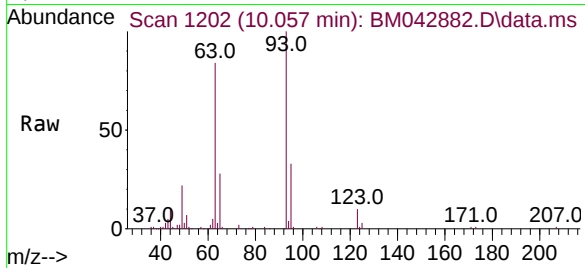
Tgt Ion: 93 Resp: 98643

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

123 10.0 8.2 12.2



#29

2,4-Dichlorophenol

Concen: 22.525 ng/ul

RT: 10.275 min Scan# 1239

Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

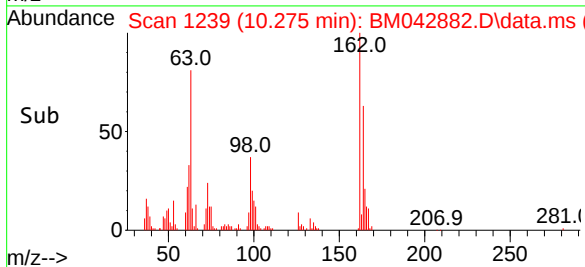
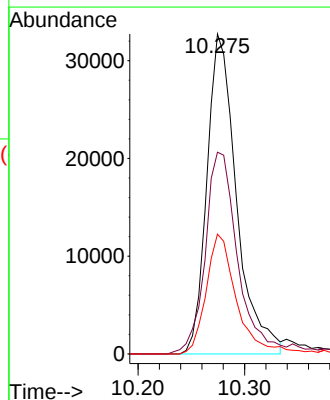
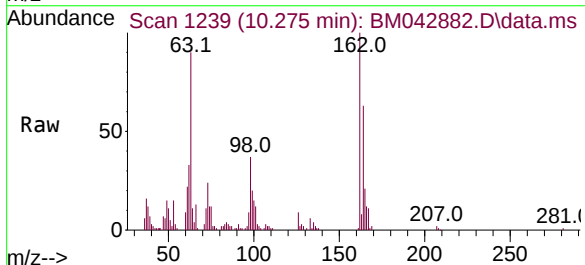
Tgt Ion:162 Resp: 63331

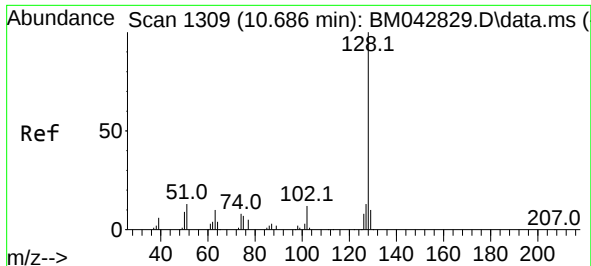
Ion Ratio Lower Upper

162 100

164 63.0 53.4 80.2

98 37.5 28.4 42.6

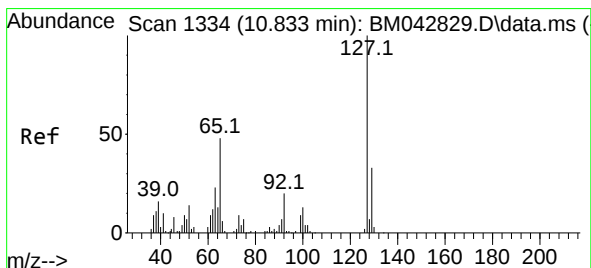
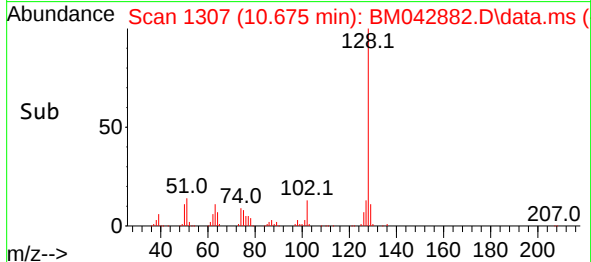
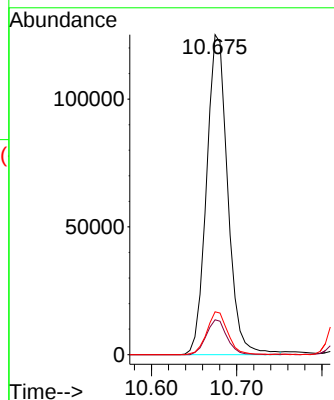
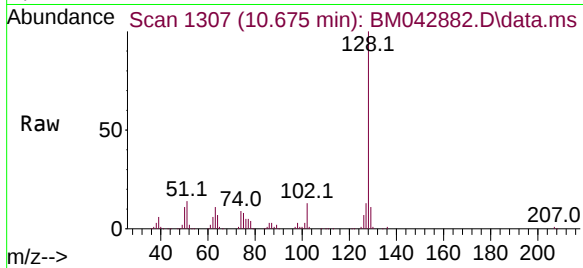




#30
Naphthalene
Concen: 22.172 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

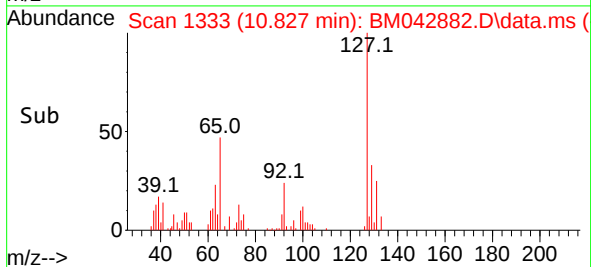
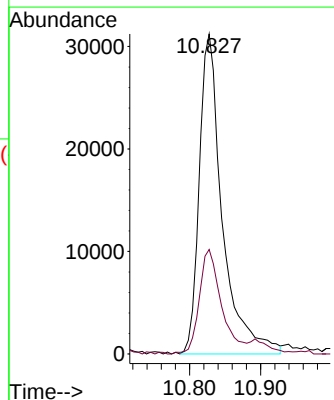
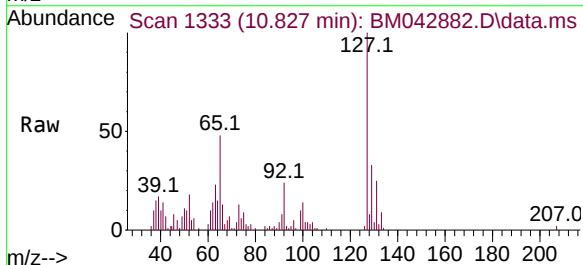
Instrument :
BNA_M
ClientSampleId :

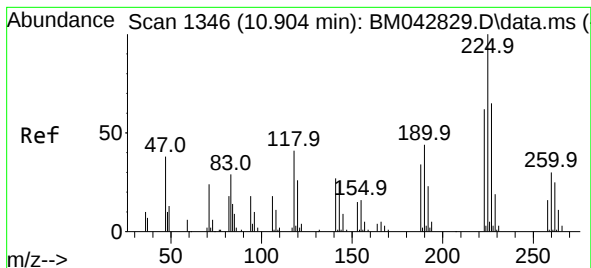
Tgt Ion:128 Resp: 216301
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 19.515 ng/ul
RT: 10.827 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:127 Resp: 70591
Ion Ratio Lower Upper
127 100
129 32.7 26.7 40.1





#33

Hexachlorobutadiene

Concen: 22.704 ng/ul

RT: 10.898 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

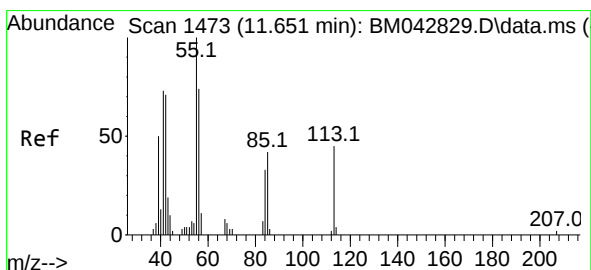
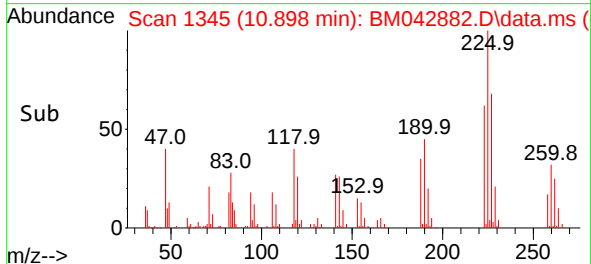
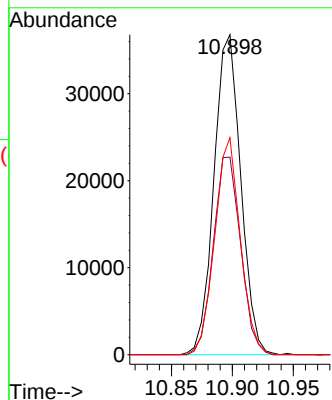
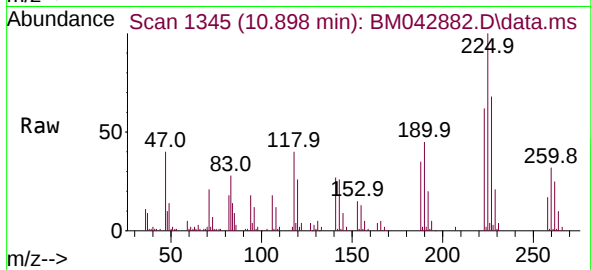
Tgt Ion:225 Resp: 56388

Ion Ratio Lower Upper

225 100

223 61.8 53.0 79.4

227 67.8 50.5 75.7



#34

Caprolactam

Concen: 13.331 ng/ul

RT: 11.645 min Scan# 1472

Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

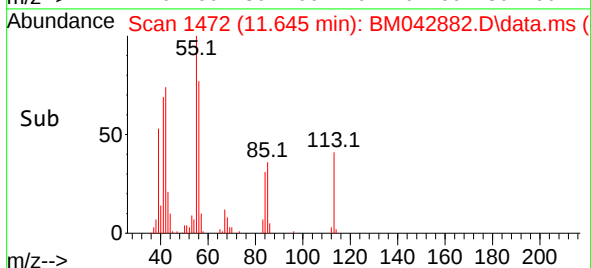
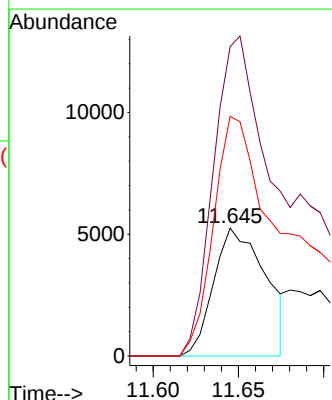
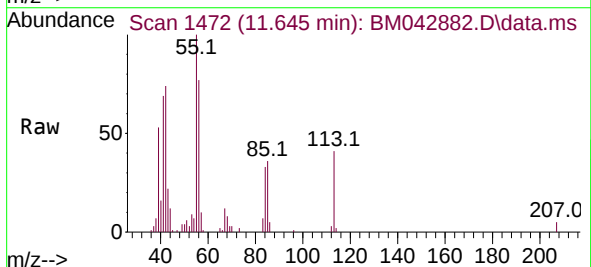
Tgt Ion:113 Resp: 11113

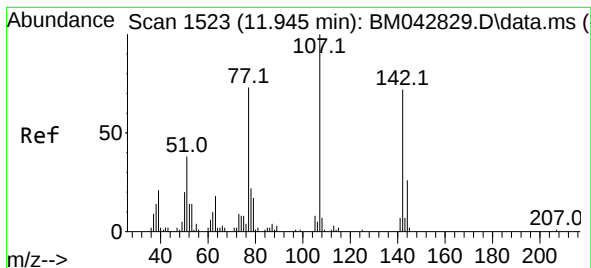
Ion Ratio Lower Upper

113 100

55 241.9 184.2 276.2

56 187.4 134.3 201.5

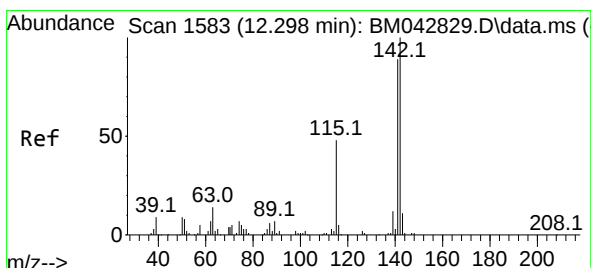
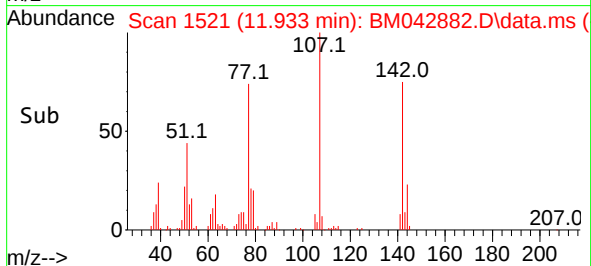
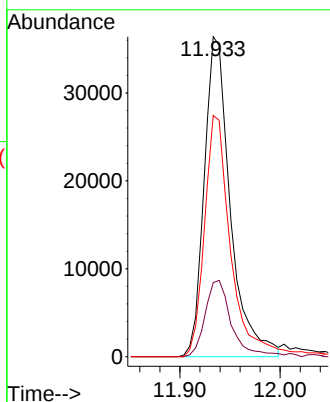
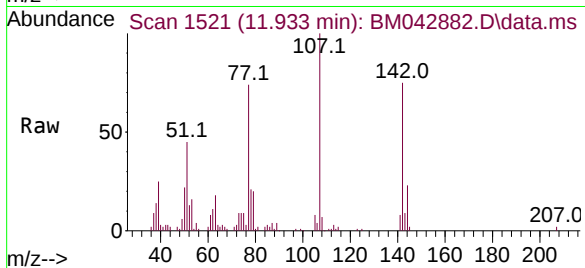




#35
4-Chloro-3-methylphenol
Concen: 21.916 ng/ul
RT: 11.933 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

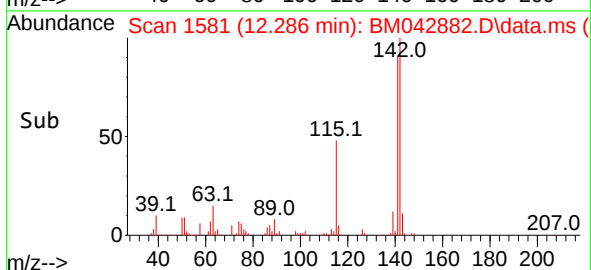
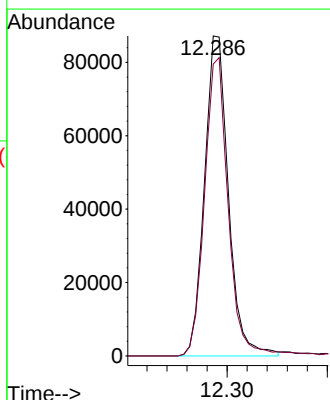
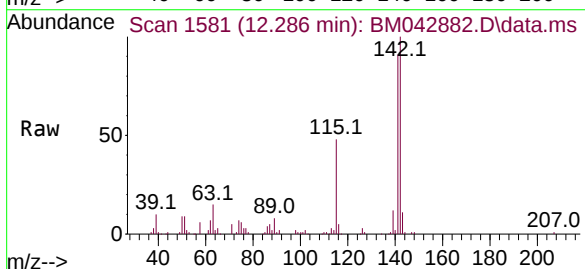
Instrument :
BNA_M
ClientSampleId :

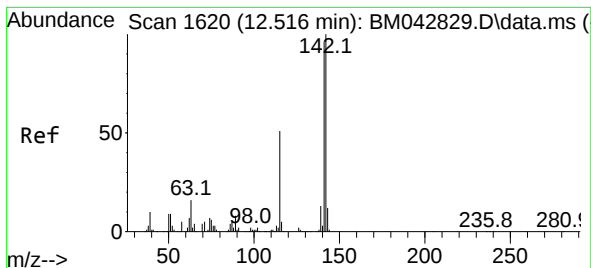
Tgt Ion:107 Resp: 66027
Ion Ratio Lower Upper
107 100
144 23.2 18.3 27.5
142 75.4 56.3 84.5



#36
2-Methylnaphthalene
Concen: 22.162 ng/ul
RT: 12.286 min Scan# 1581
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:142 Resp: 144899
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4





#37

1-Methylnaphthalene

Concen: 21.045 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

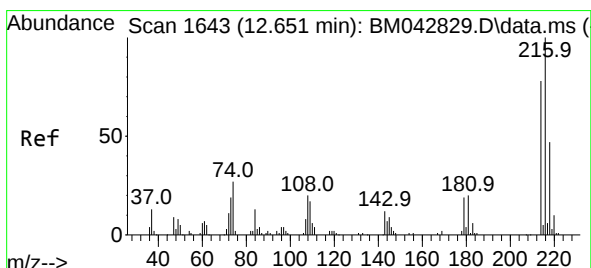
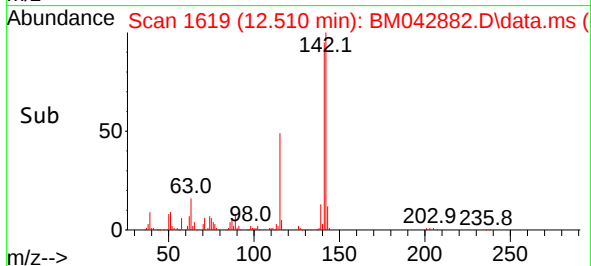
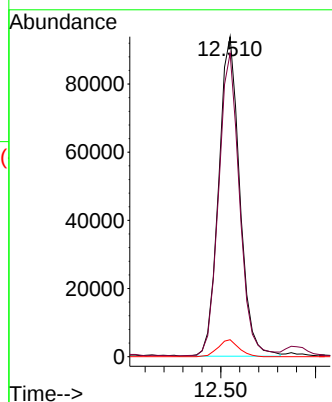
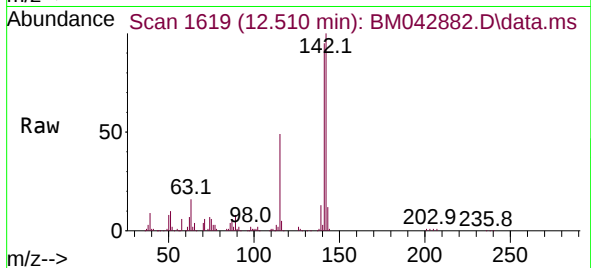
Tgt Ion:142 Resp: 144672

Ion Ratio Lower Upper

142 100

141 94.8 73.3 109.9

116 5.3 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.322 ng/ul

RT: 12.639 min Scan# 1641

Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Tgt Ion:216 Resp: 94222

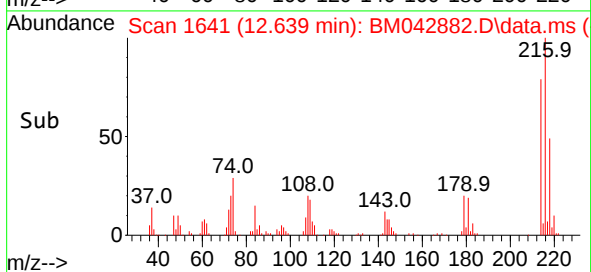
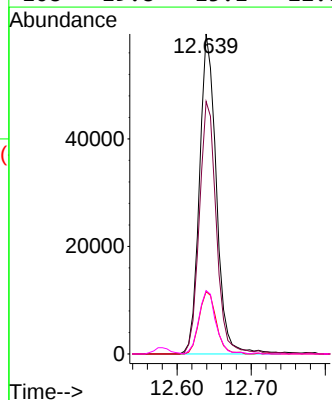
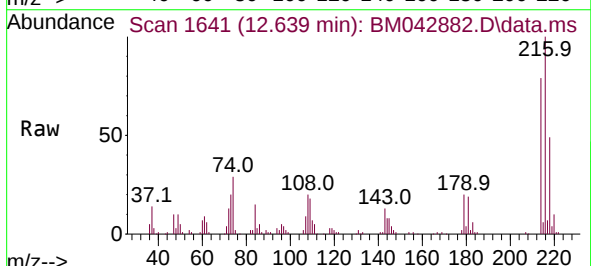
Ion Ratio Lower Upper

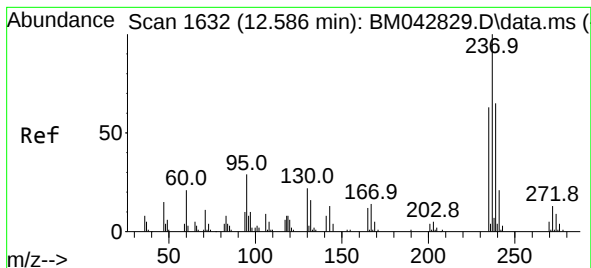
216 100

214 78.9 64.1 96.1

179 19.5 15.5 23.3

108 19.8 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 16.252 ng/ul

RT: 12.580 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM042882.D

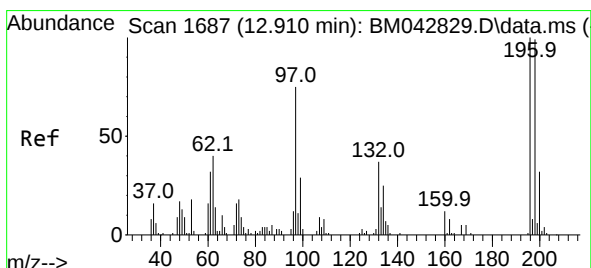
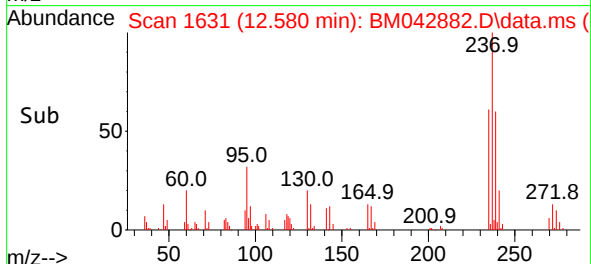
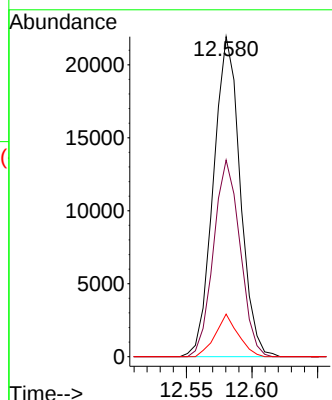
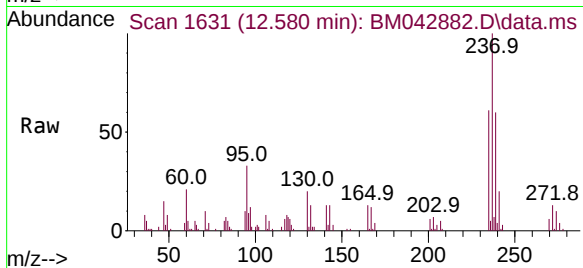
Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:237	Resp:	31084
Ion Ratio	Lower	Upper
237	100	
235	61.5	53.3 79.9
272	13.3	10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 22.920 ng/ul

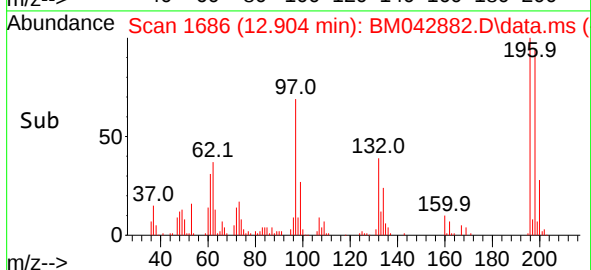
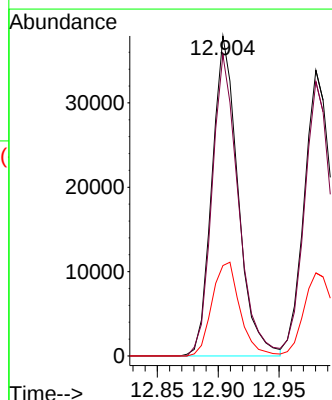
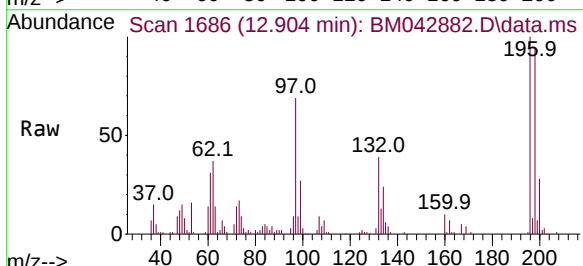
RT: 12.904 min Scan# 1686

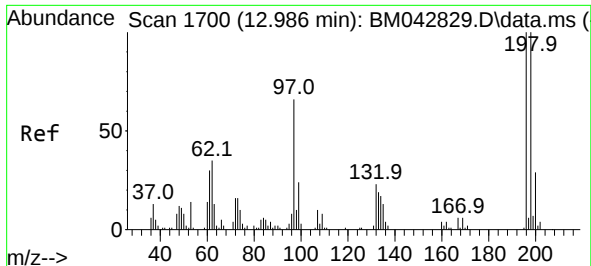
Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

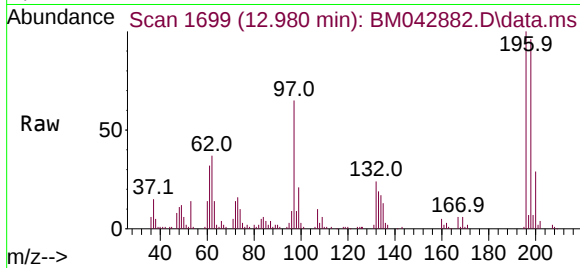
Tgt Ion:196	Resp:	56561
Ion Ratio	Lower	Upper
196	100	
198	94.1	81.0 121.4
200	28.3	24.1 36.1



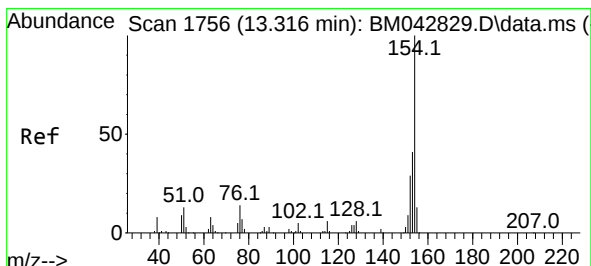
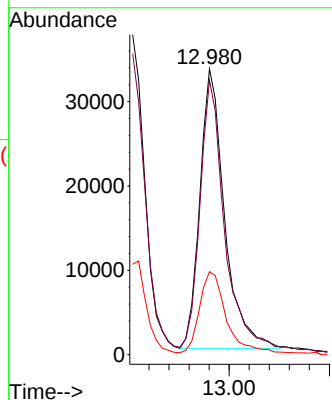
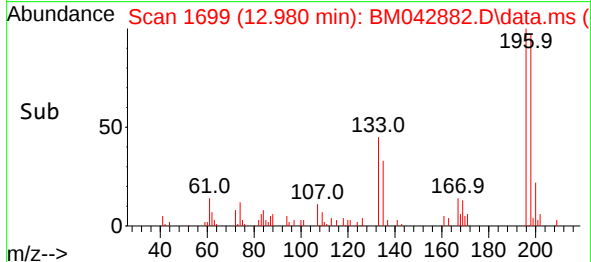


#42
2,4,5-Trichlorophenol
Concen: 23.730 ng/ul
RT: 12.980 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Instrument :
BNA_M
ClientSampleId :

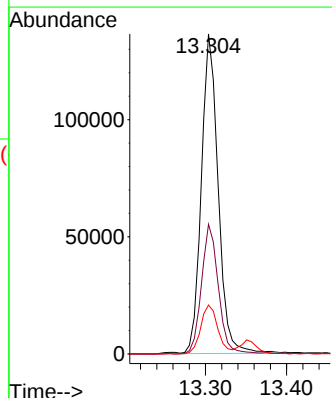
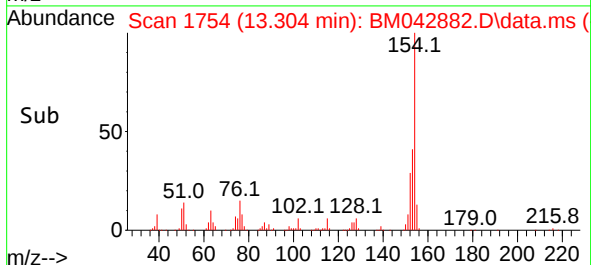
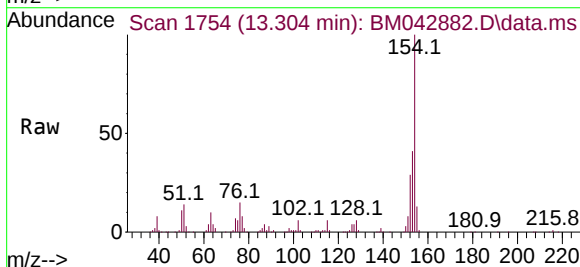


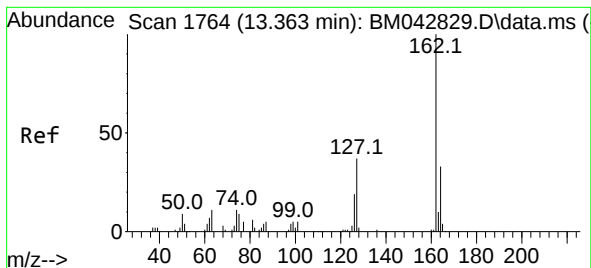
Tgt Ion:196 Resp: 56545
Ion Ratio Lower Upper
196 100
198 96.0 77.4 116.0
200 29.1 26.2 39.4



#43
1,1'-Biphenyl
Concen: 22.852 ng/ul
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:154 Resp: 196321
Ion Ratio Lower Upper
154 100
153 40.5 32.4 48.6
76 15.3 10.7 16.1





#44

2-Chloronaphthalene

Concen: 22.703 ng/ul

RT: 13.351 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

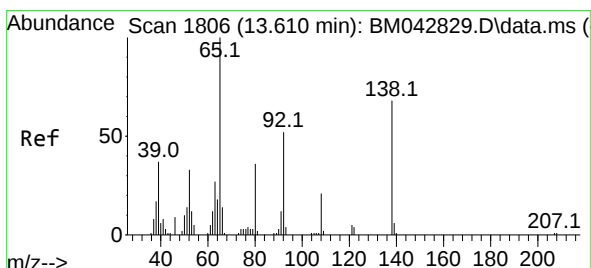
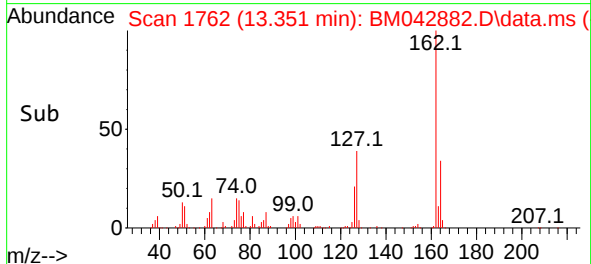
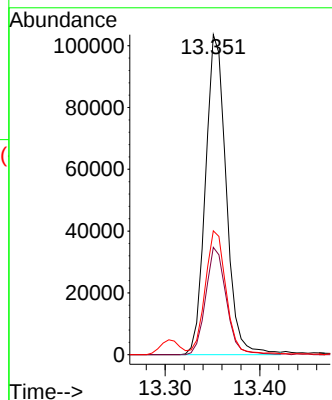
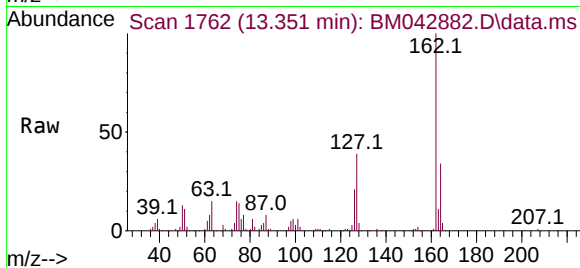
Tgt Ion:162 Resp: 156906

Ion Ratio Lower Upper

162 100

164 33.6 24.2 36.2

127 38.7 30.8 46.2



#45

2-Nitroaniline

Concen: 25.414 ng/ul

RT: 13.604 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

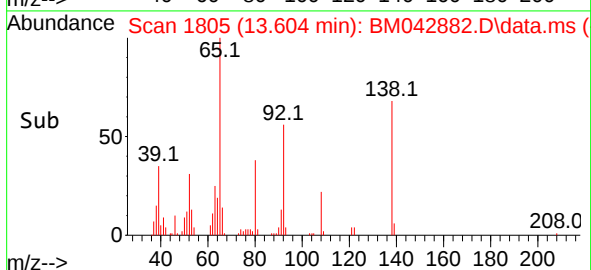
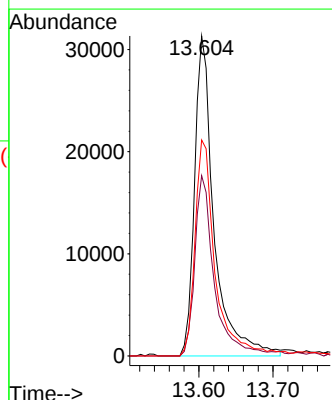
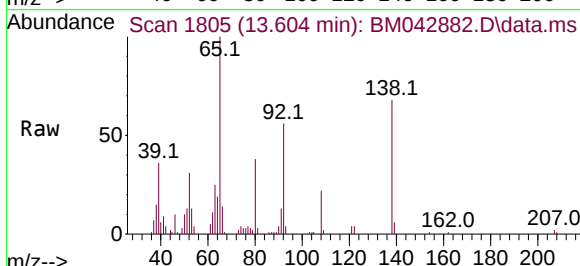
Tgt Ion: 65 Resp: 57282

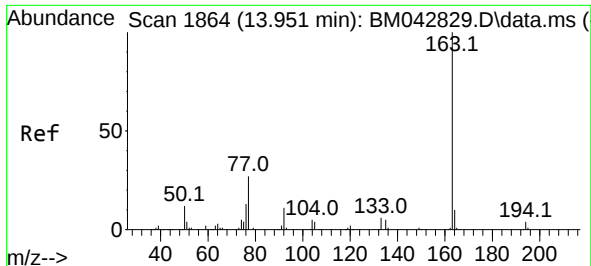
Ion Ratio Lower Upper

65 100

92 56.4 49.1 73.7

138 67.5 61.8 92.8

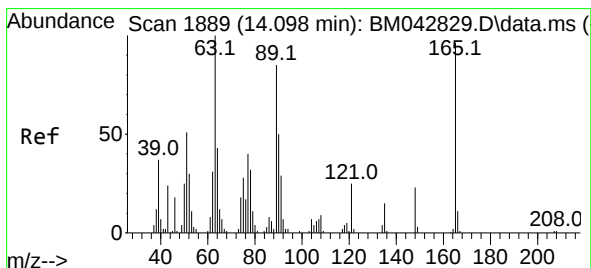
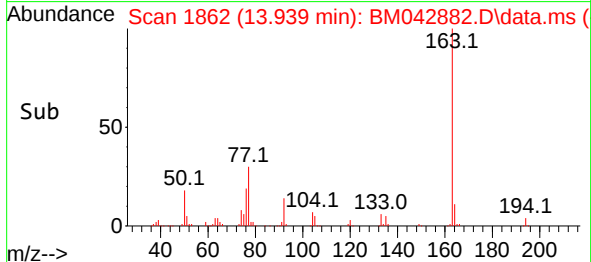
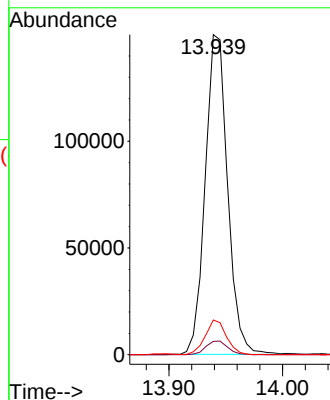
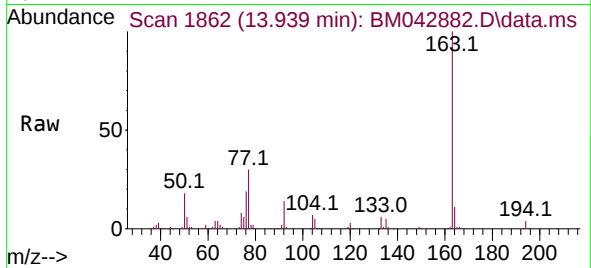




#47
Dimethylphthalate
Concen: 21.620 ng/ul
RT: 13.939 min Scan# 1862
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

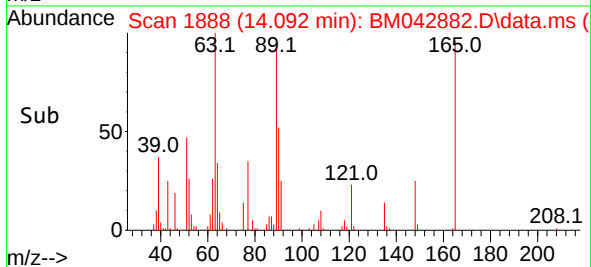
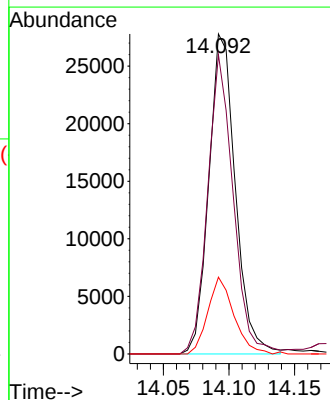
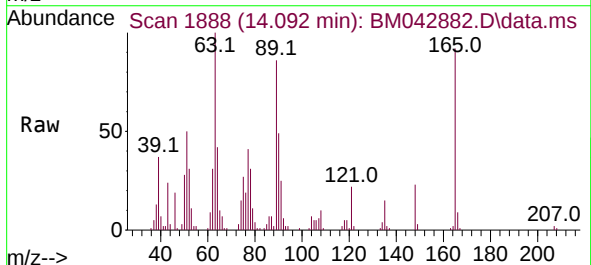
Instrument :
BNA_M
ClientSampleId :

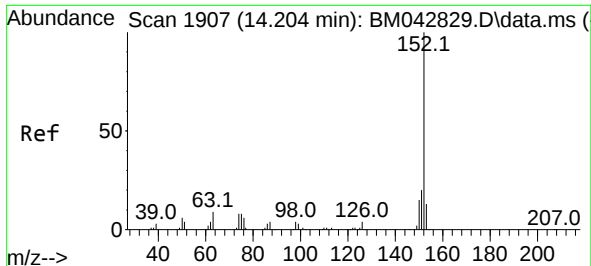
Tgt Ion:163 Resp: 205301
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.8 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 21.945 ng/ul
RT: 14.092 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

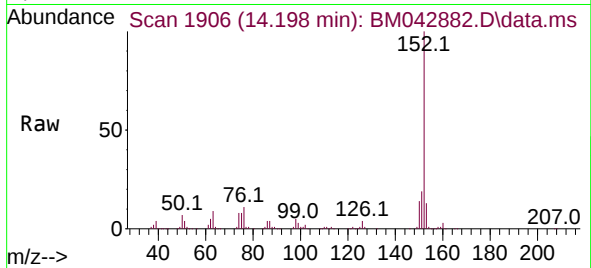
Tgt Ion:165 Resp: 39150
Ion Ratio Lower Upper
165 100
89 93.5 64.1 96.1
121 24.0 18.4 27.6



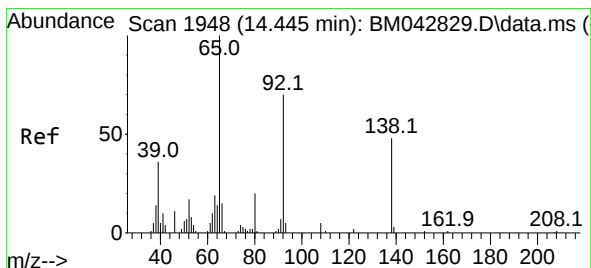
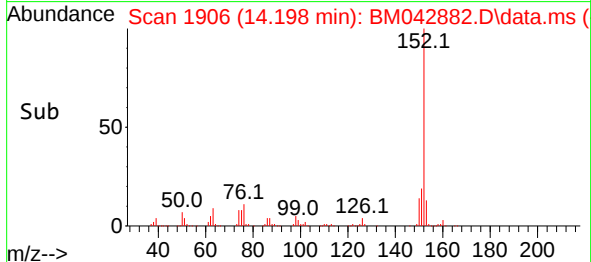
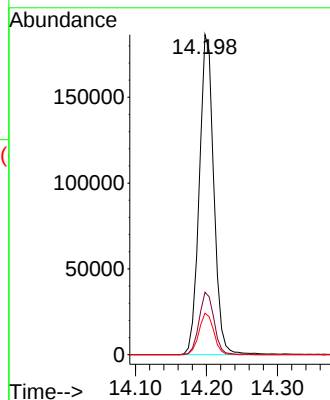


#50
Acenaphthylene
Concen: 22.735 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Instrument :
BNA_M
ClientSampleId :

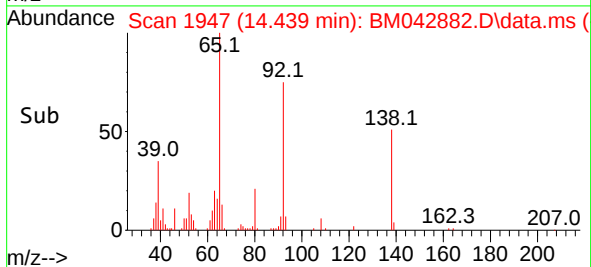
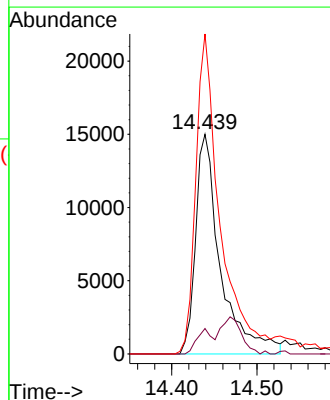
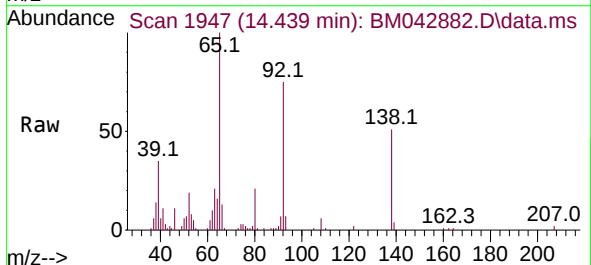


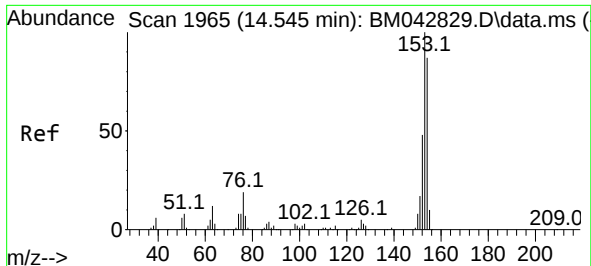
Tgt Ion:152 Resp: 265739
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.0 10.5 15.7



#51
3-Nitroaniline
Concen: 20.822 ng/ul
RT: 14.439 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

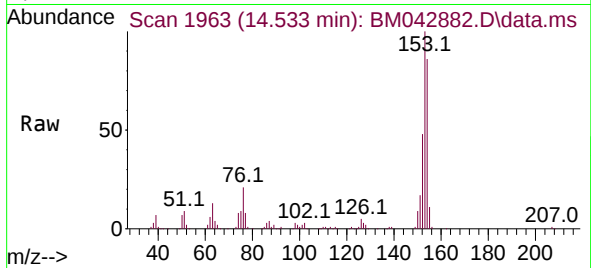
Tgt Ion:138 Resp: 30375
Ion Ratio Lower Upper
138 100
108 11.6 8.7 13.1
92 145.7 109.4 164.0



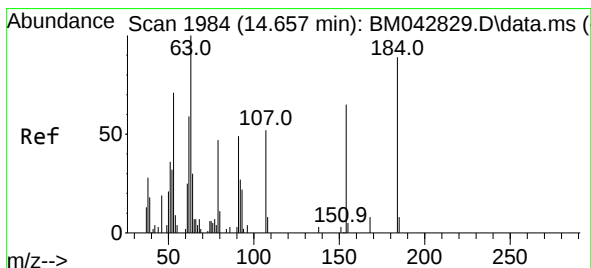
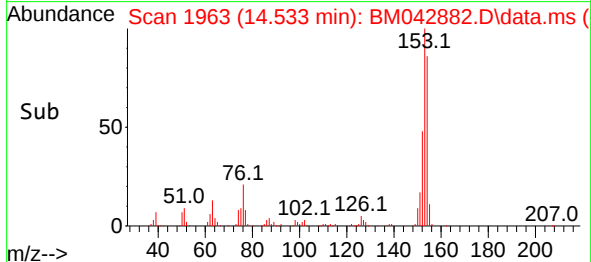
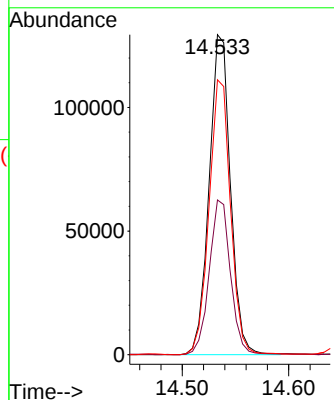


#52
Acenaphthene
Concen: 22.768 ng/ul
RT: 14.533 min Scan# 1963
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Instrument :
BNA_M
ClientSampleId :

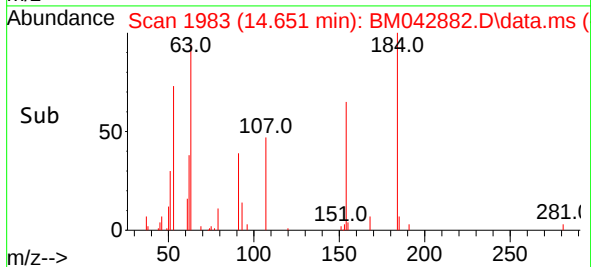
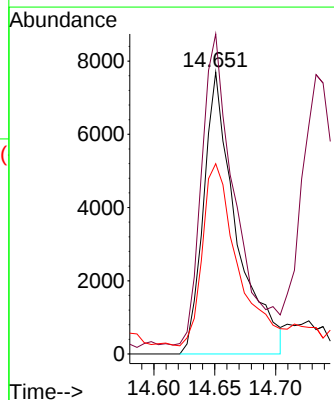
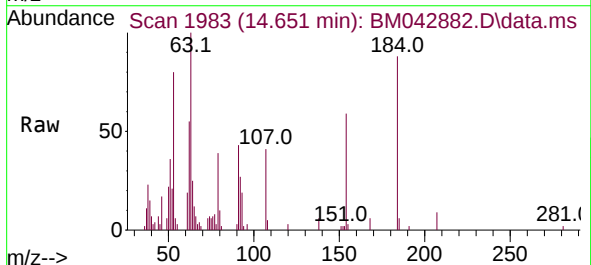


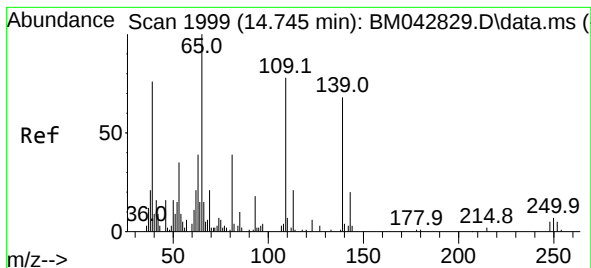
Tgt Ion:153 Resp: 179984
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.2
154 85.9 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 16.174 ng/ul
RT: 14.651 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:184 Resp: 14347
Ion Ratio Lower Upper
184 100
63 113.6 79.1 118.7
154 67.5 65.7 98.5

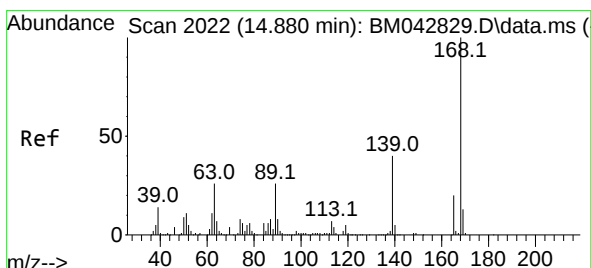
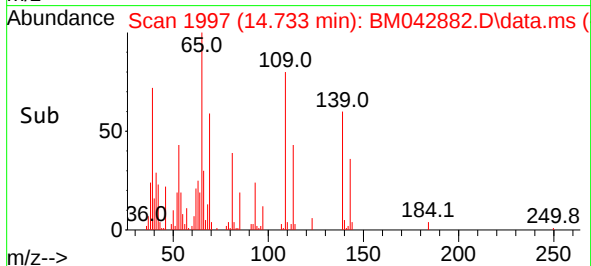
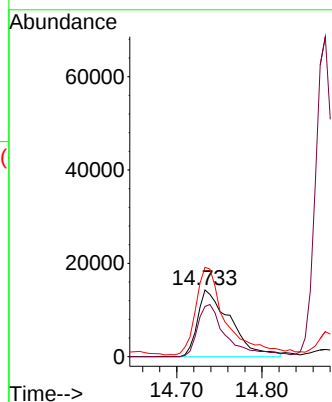
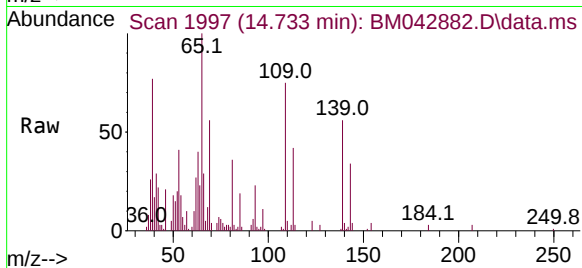




#55
4-Nitrophenol
Concen: 22.110 ng/ul
RT: 14.733 min Scan# 1997
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

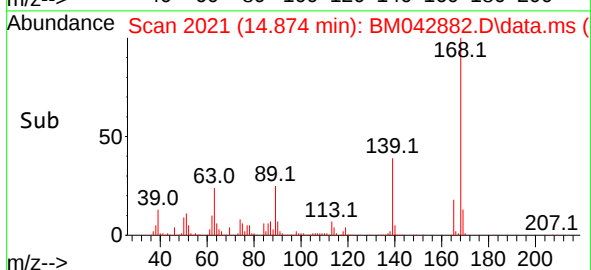
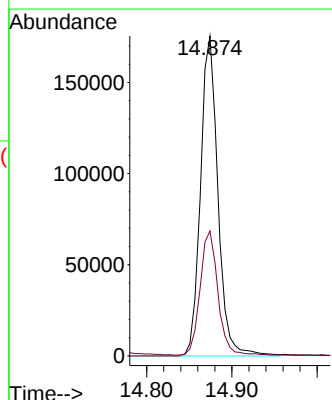
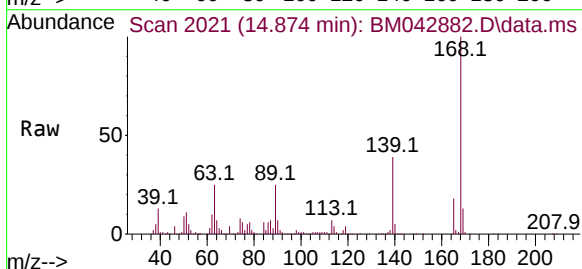
Instrument :
BNA_M
ClientSampleId :

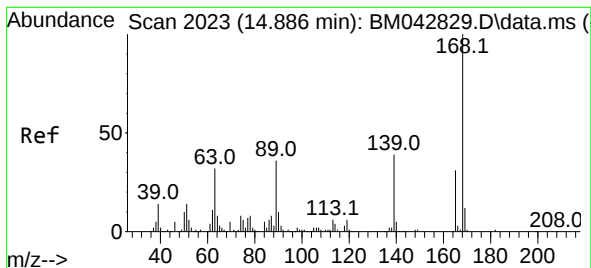
Tgt Ion:109 Resp: 38324
Ion Ratio Lower Upper
109 100
139 75.3 67.1 100.7
65 133.9 107.1 160.7



#56
Dibenzofuran
Concen: 22.712 ng/ul
RT: 14.874 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:168 Resp: 249192
Ion Ratio Lower Upper
168 100
139 39.1 30.8 46.2

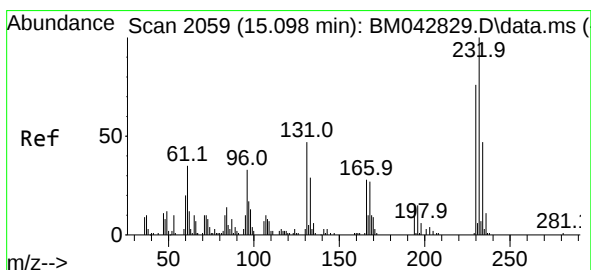
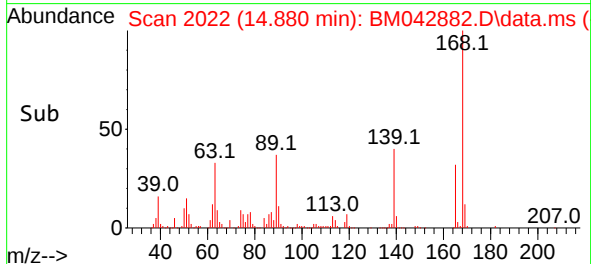
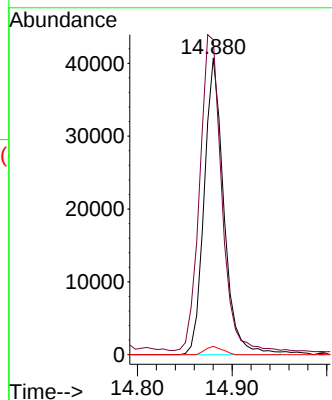
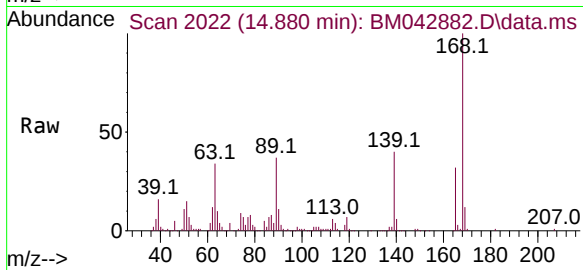




#57
2,4-Dinitrotoluene
Concen: 22.423 ng/ul
RT: 14.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

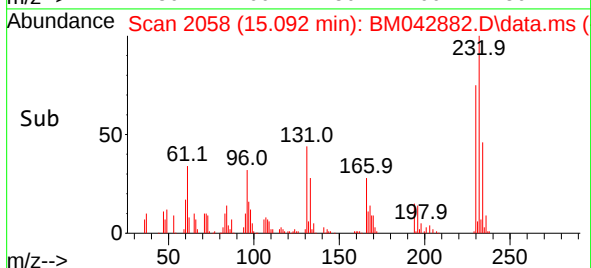
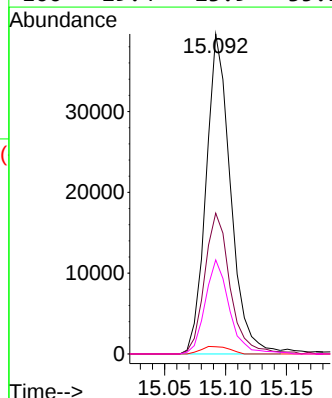
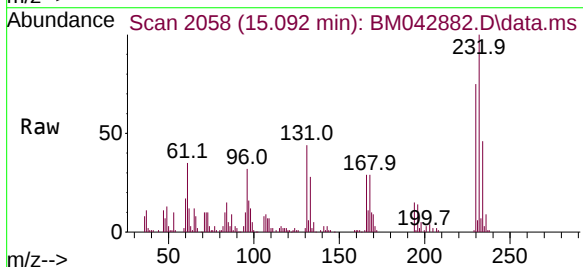
Instrument :
BNA_M
ClientSampleId :

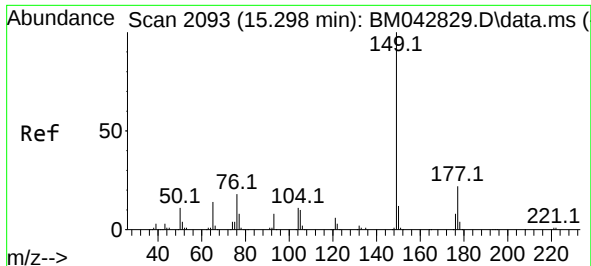
Tgt Ion:165 Resp: 58727
Ion Ratio Lower Upper
165 100
63 106.1 83.5 125.3
182 2.8 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.426 ng/ul
RT: 15.092 min Scan# 2058
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:232 Resp: 55470
Ion Ratio Lower Upper
232 100
131 44.0 38.9 58.3
130 2.3 1.9 2.9
166 29.4 23.9 35.9

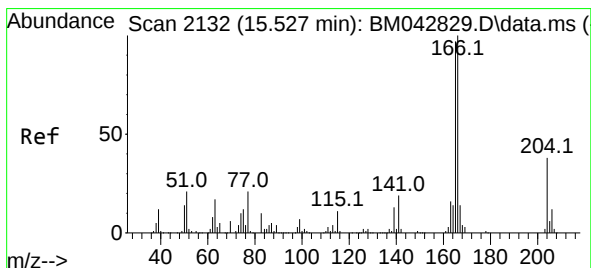
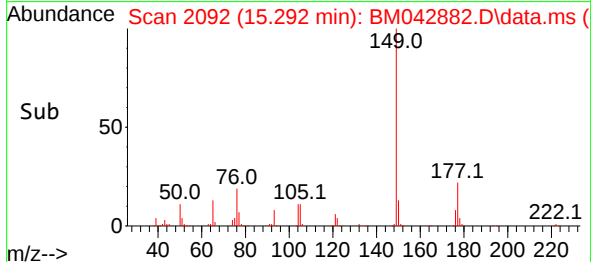
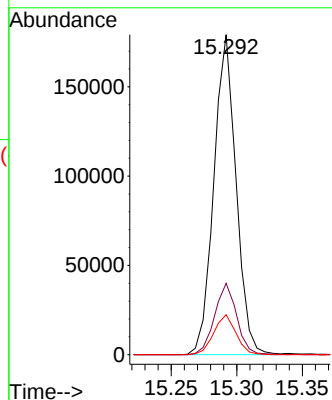
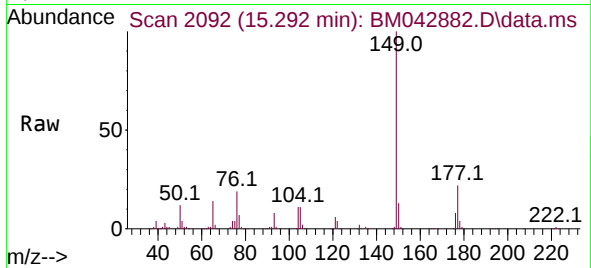




#59
Diethylphthalate
Concen: 21.225 ng/ul
RT: 15.292 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

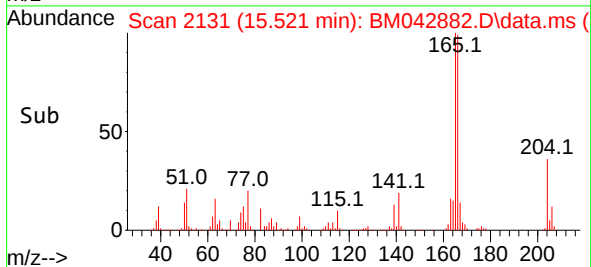
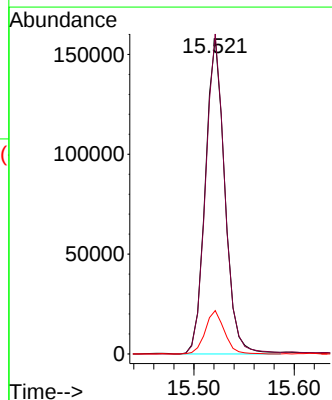
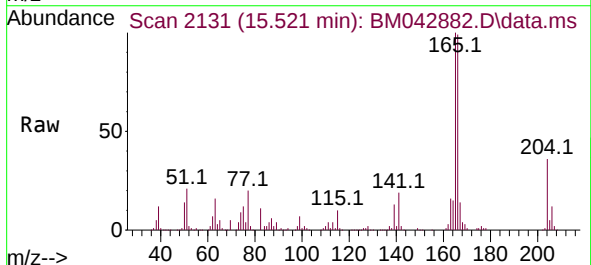
Instrument :
BNA_M
ClientSampleId :

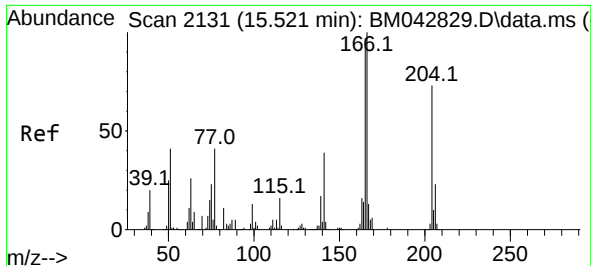
Tgt Ion:149 Resp: 211350
Ion Ratio Lower Upper
149 100
177 22.3 17.0 25.6
150 12.5 9.7 14.5



#61
Fluorene
Concen: 22.976 ng/ul
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:166 Resp: 214030
Ion Ratio Lower Upper
166 100
165 101.3 79.3 118.9
167 13.7 10.6 15.8





#62

4-Chlorophenyl-phenylether

Concen: 23.460 ng/ul

RT: 15.515 min Scan# 211

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

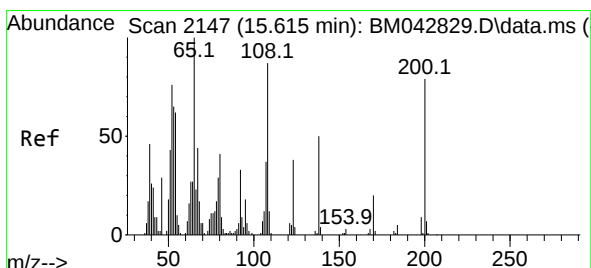
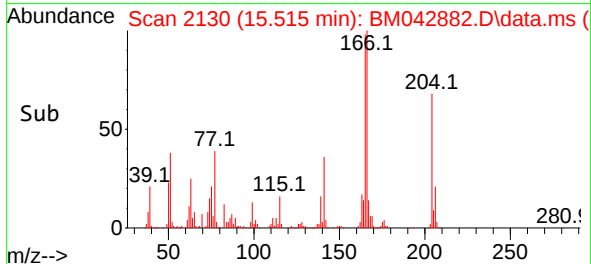
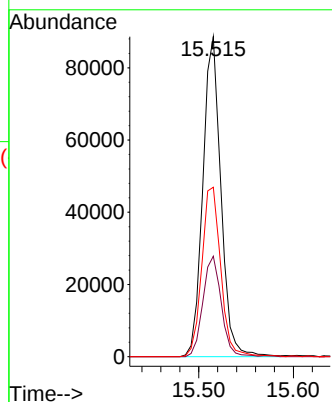
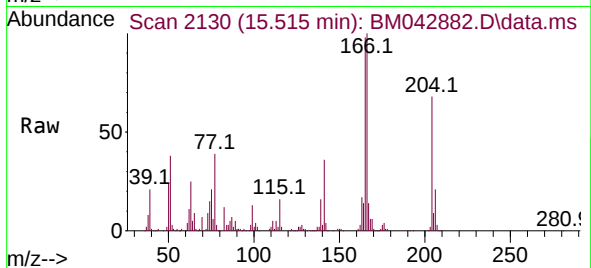
Tgt Ion:204 Resp: 117775

Ion Ratio Lower Upper

204 100

206 31.4 27.0 40.4

141 52.9 46.0 69.0



#63

4-Nitroaniline

Concen: 20.960 ng/ul

RT: 15.604 min Scan# 2145

Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

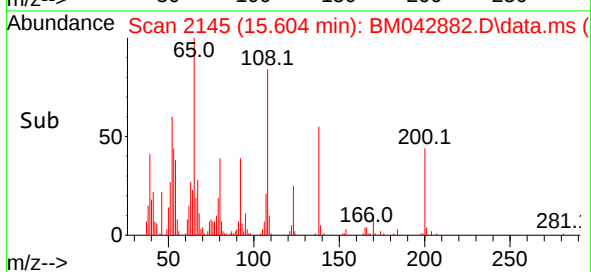
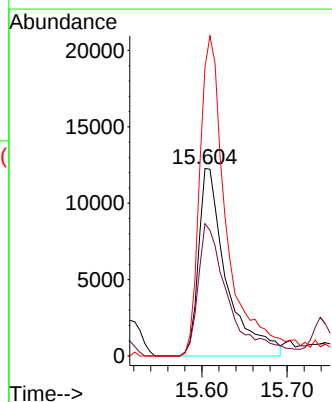
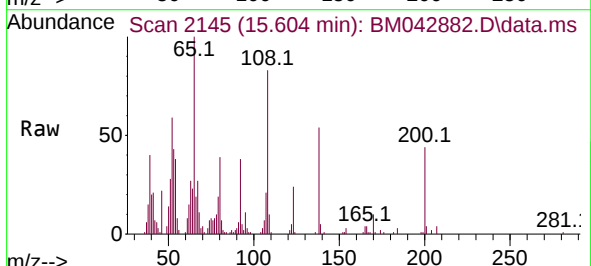
Tgt Ion:138 Resp: 27876

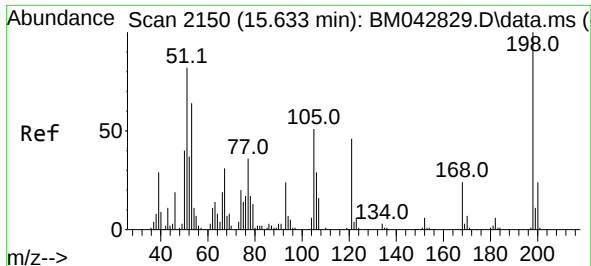
Ion Ratio Lower Upper

138 100

92 70.6 47.4 71.0

108 154.3 129.5 194.3

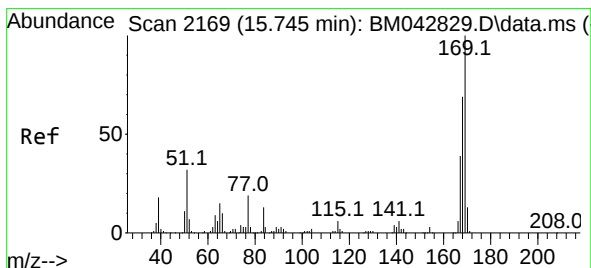
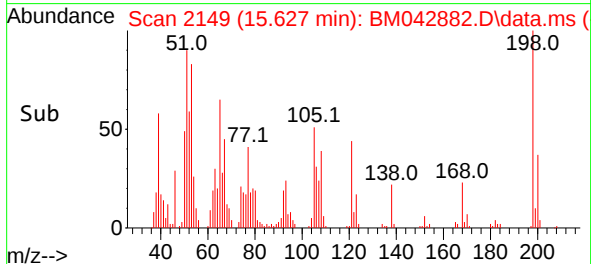
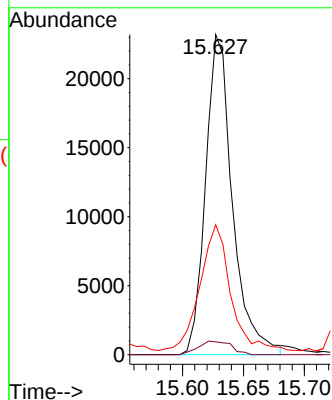
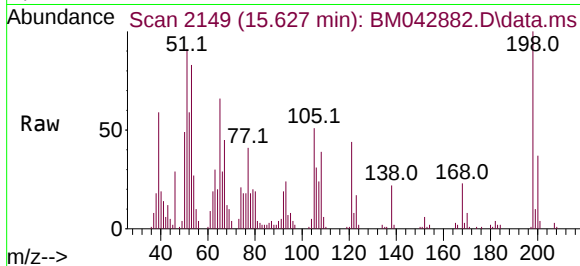




#66
4,6-Dinitro-2-methylphenol
Concen: 20.083 ng/ul
RT: 15.627 min Scan# 2150
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

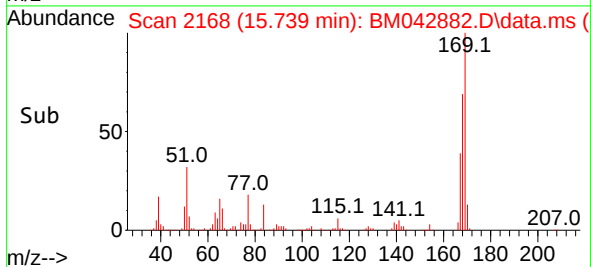
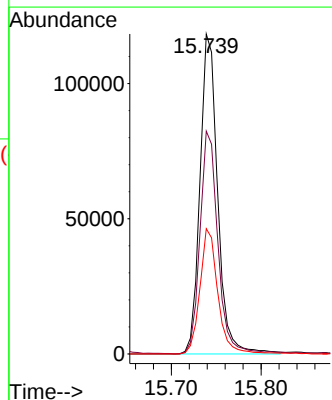
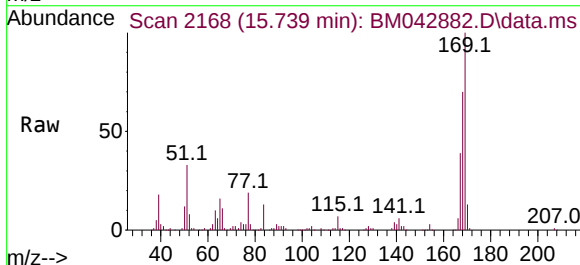
Instrument :
BNA_M
ClientSampleId :

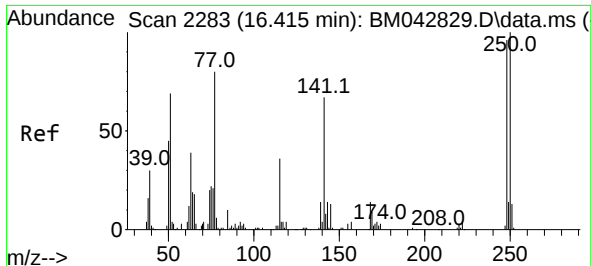
Tgt Ion:198 Resp: 35752
Ion Ratio Lower Upper
198 100
182 4.0 3.4 5.0
77 40.6 26.9 40.3#



#67
N-Nitrosodiphenylamine
Concen: 22.389 ng/ul
RT: 15.739 min Scan# 2168
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:169 Resp: 162102
Ion Ratio Lower Upper
169 100
168 69.6 55.8 83.6
167 39.2 31.4 47.2

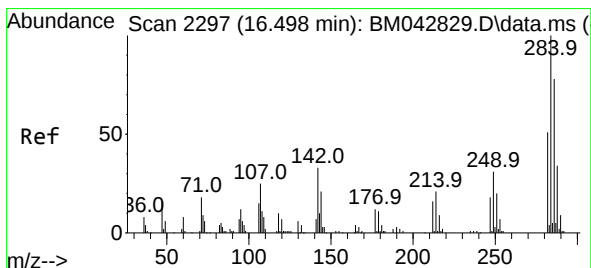
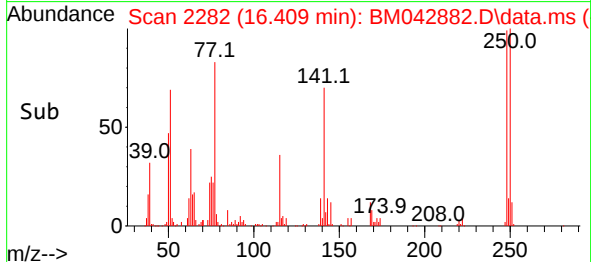
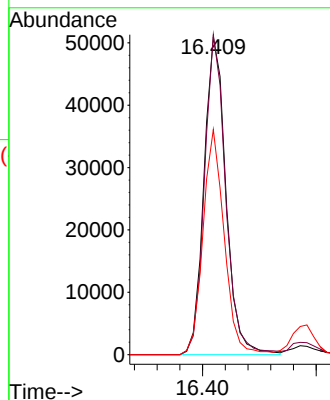
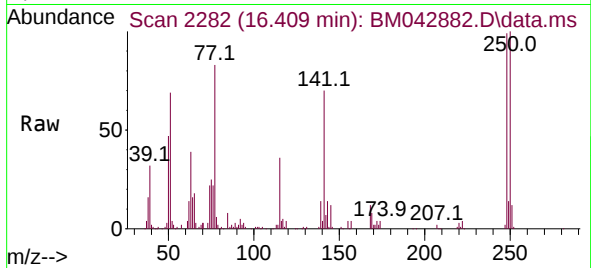




#68
4-Bromophenyl-phenylether
Concen: 22.228 ng/ul
RT: 16.409 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

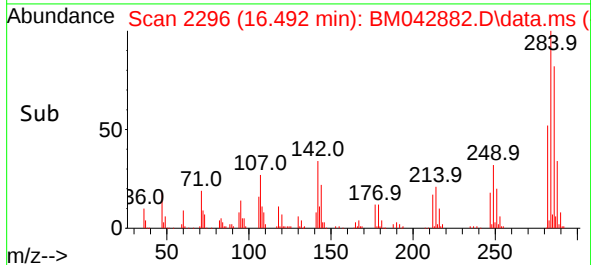
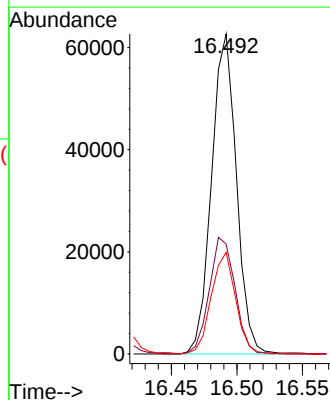
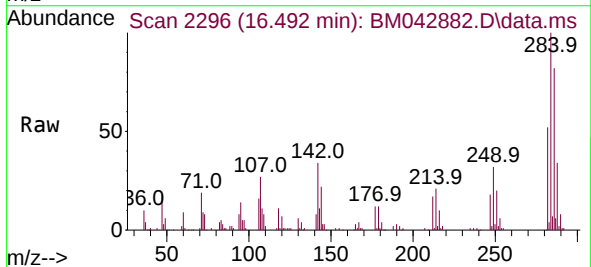
Instrument :
BNA_M
ClientSampleId :

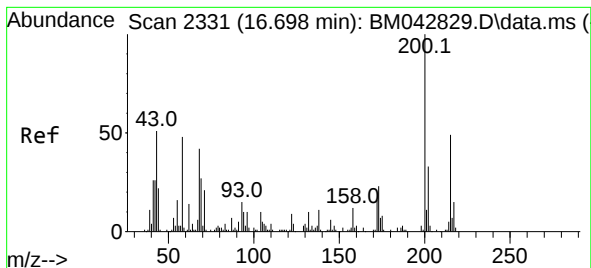
Tgt Ion:248 Resp: 68302
Ion Ratio Lower Upper
248 100
250 100.8 84.3 126.5
141 70.9 60.1 90.1



#69
Hexachlorobenzene
Concen: 21.975 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:284 Resp: 82548
Ion Ratio Lower Upper
284 100
142 34.3 30.5 45.7
249 31.7 25.3 37.9





#70

Atrazine

Concen: 22.659 ng/ul

RT: 16.692 min Scan# 21

Delta R.T. -0.012 min

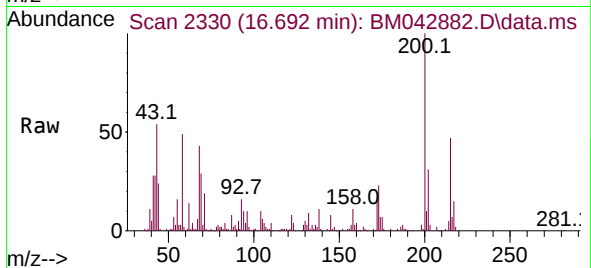
Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :



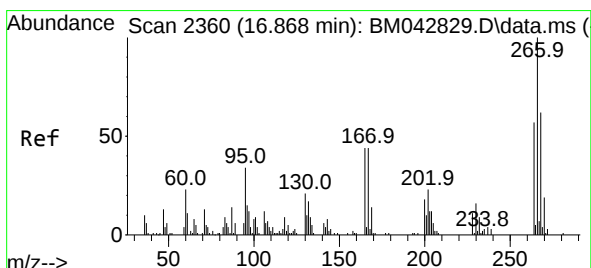
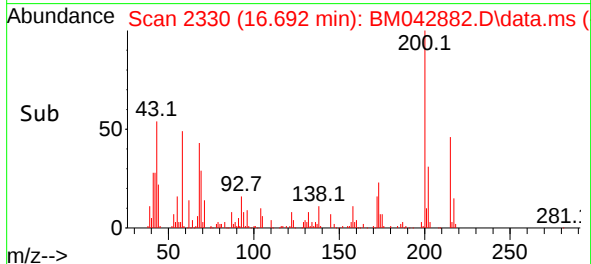
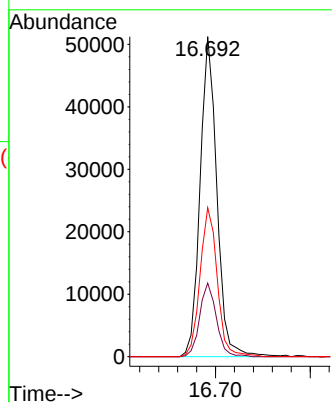
Tgt Ion:200 Resp: 63193

Ion Ratio Lower Upper

200 100

173 23.0 19.8 29.6

215 46.6 38.2 57.2



#71

Pentachlorophenol

Concen: 19.956 ng/ul

RT: 16.862 min Scan# 2359

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

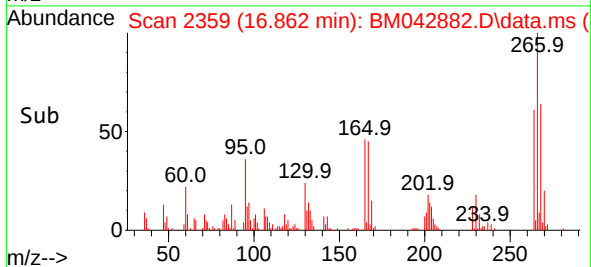
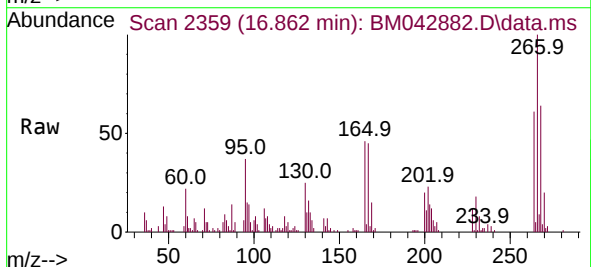
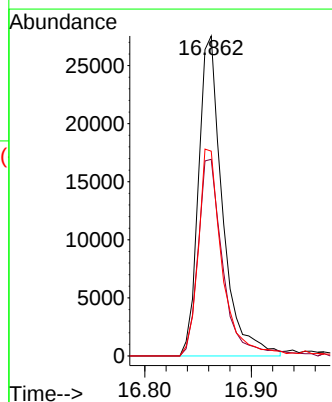
Tgt Ion:266 Resp: 43167

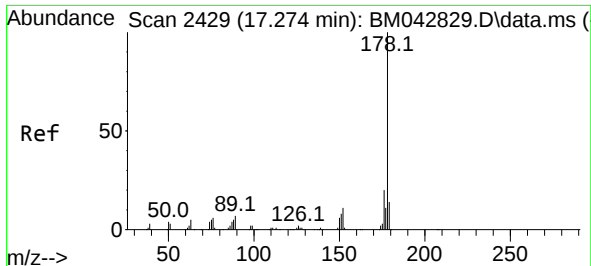
Ion Ratio Lower Upper

266 100

264 61.4 50.3 75.5

268 64.0 52.1 78.1

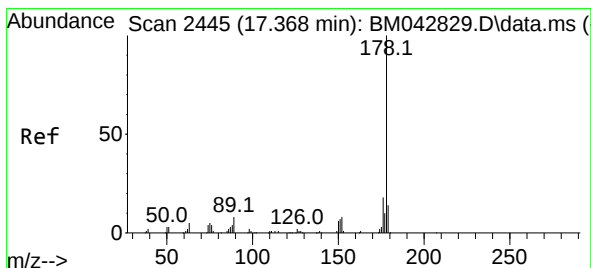
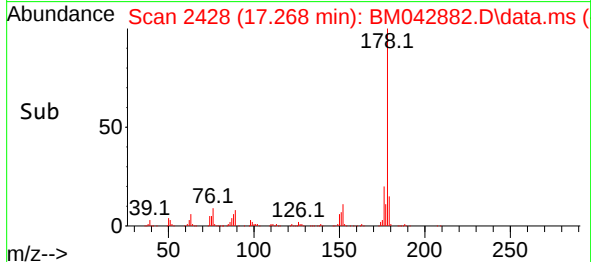
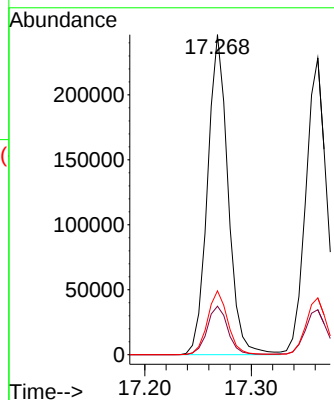
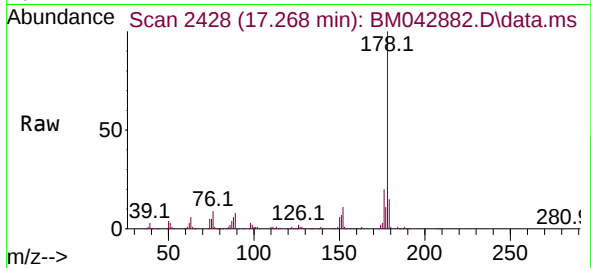




#72
Phenanthrene
Concen: 22.905 ng/u1
RT: 17.268 min Scan# 2429
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

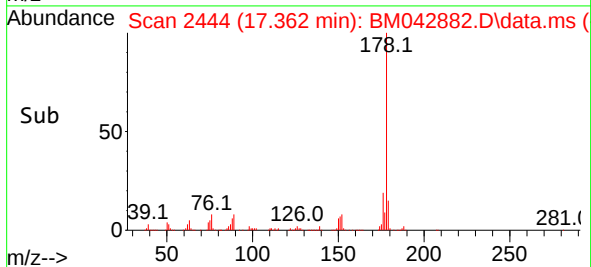
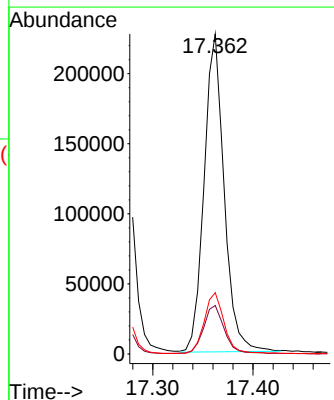
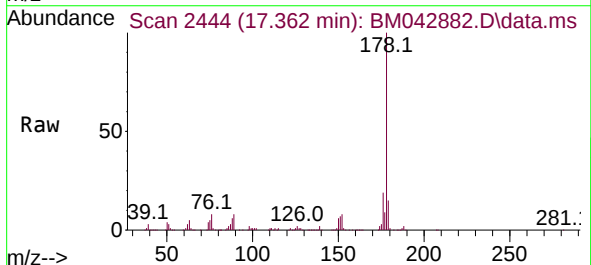
Instrument :
BNA_M
ClientSampleId :

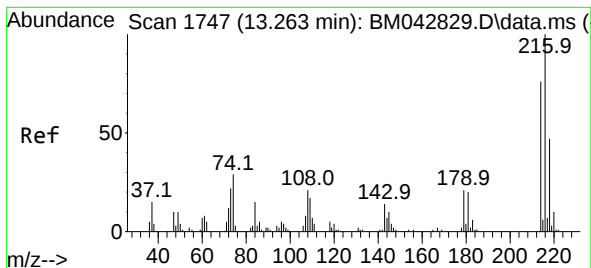
Tgt Ion:178 Resp: 330321
Ion Ratio Lower Upper
178 100
179 15.2 11.4 17.2
176 19.9 15.5 23.3



#74
Anthracene
Concen: 21.765 ng/u1
RT: 17.362 min Scan# 2444
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

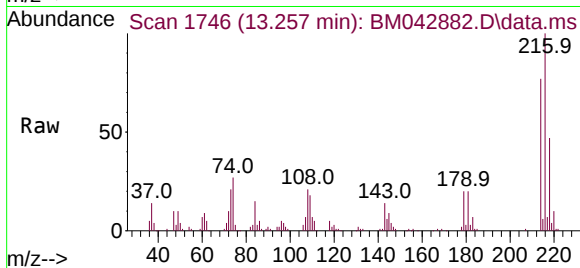
Tgt Ion:178 Resp: 315723
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 19.1 15.7 23.5



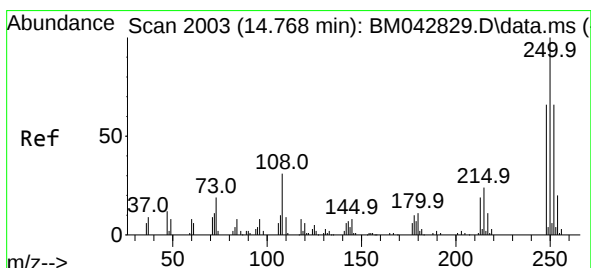
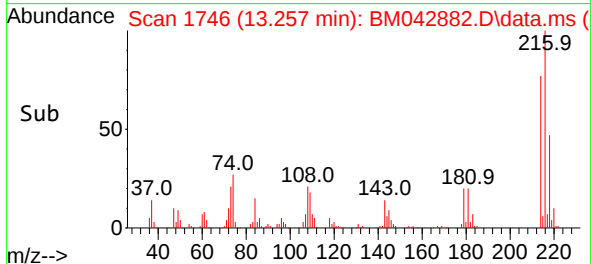
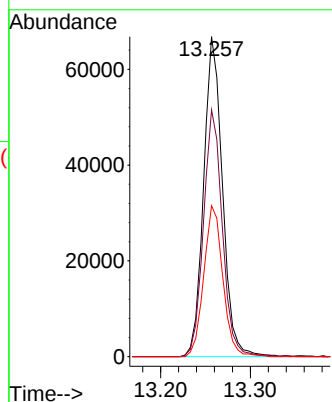


#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.887 ng/uL
RT: 13.257 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Instrument :
BNA_M
ClientSampleId :

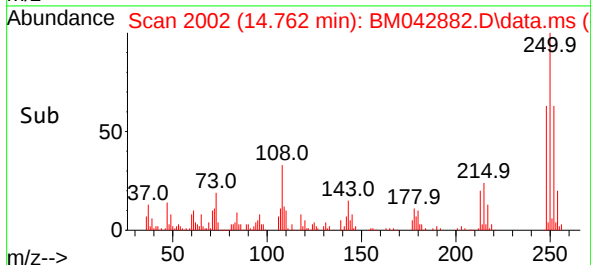
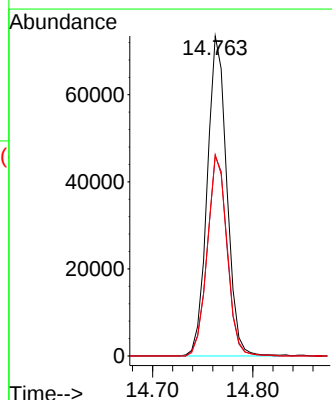
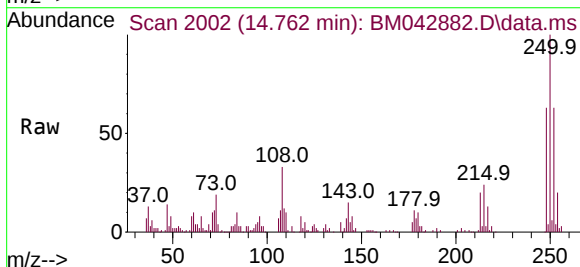


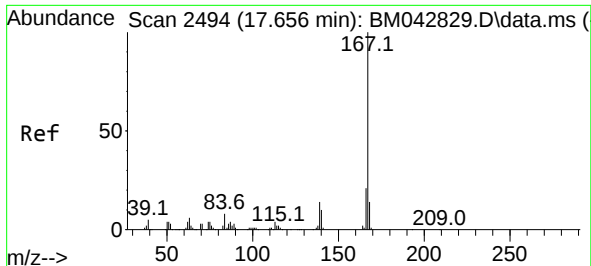
Tgt Ion:216 Resp: 97504
Ion Ratio Lower Upper
216 100
214 77.1 62.6 94.0
218 47.2 39.3 58.9



#76
Pentachlorobenzene
Concen: 23.280 ng/uL
RT: 14.762 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

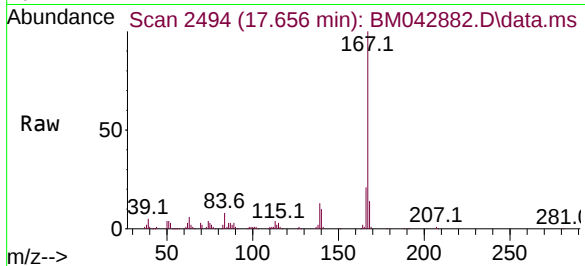
Tgt Ion:250 Resp: 99706
Ion Ratio Lower Upper
250 100
248 62.5 51.0 76.6
252 62.9 51.8 77.8



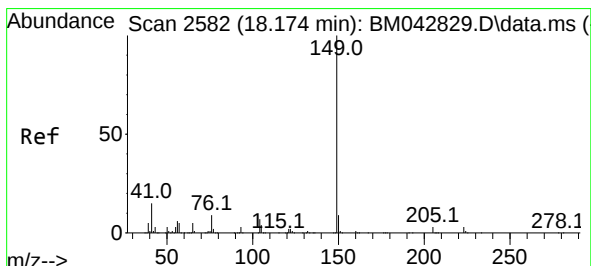
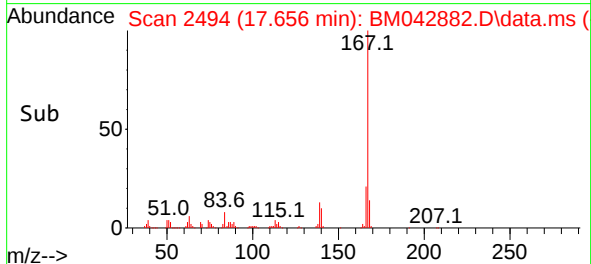
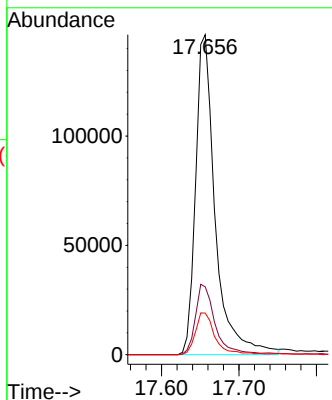


#77
 Carbazole
 Concen: 21.489 ng/ul
 RT: 17.656 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BM042882.D
 Acq: 18 Nov 2023 14:52

Instrument :
 BNA_M
 ClientSampleId :

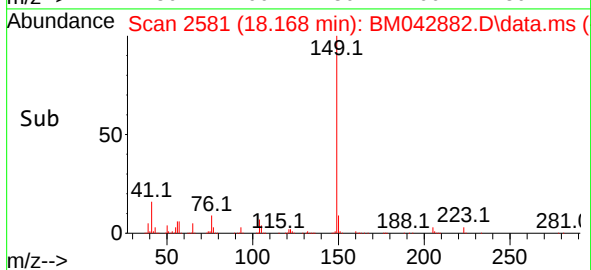
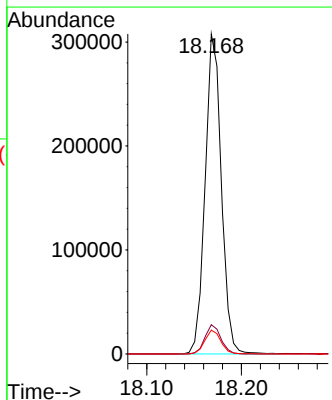
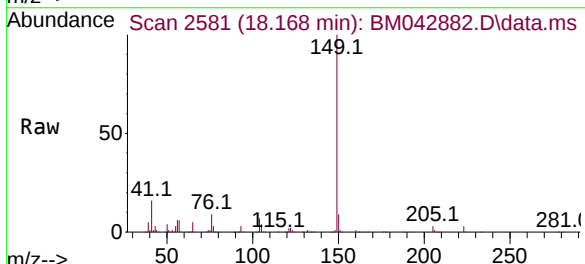


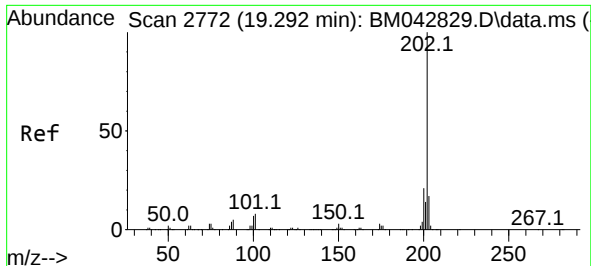
Tgt Ion:167 Resp: 257393
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.0 10.8 16.2



#78
 Di-n-butylphthalate
 Concen: 20.826 ng/ul
 RT: 18.168 min Scan# 2581
 Delta R.T. -0.012 min
 Lab File: BM042882.D
 Acq: 18 Nov 2023 14:52

Tgt Ion:149 Resp: 364771
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 7.5 5.3 7.9

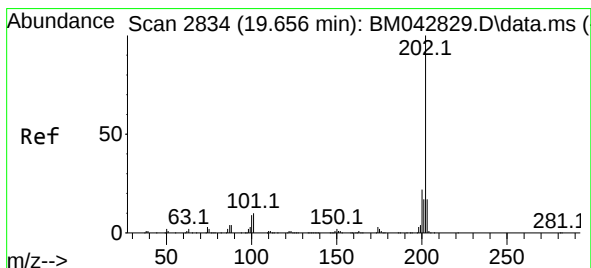
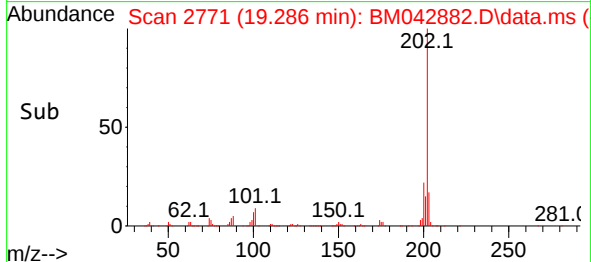
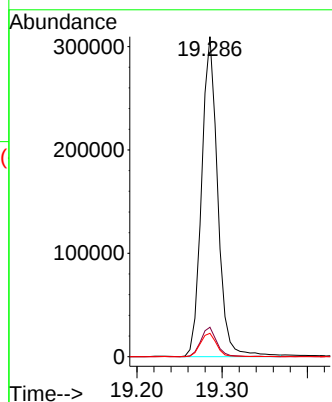
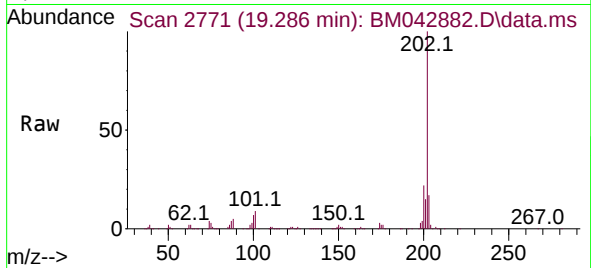




#80
Fluoranthene
Concen: 21.329 ng/ul
RT: 19.286 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

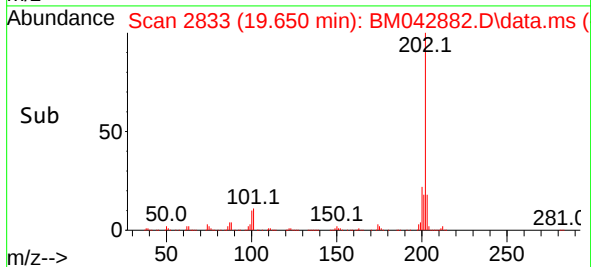
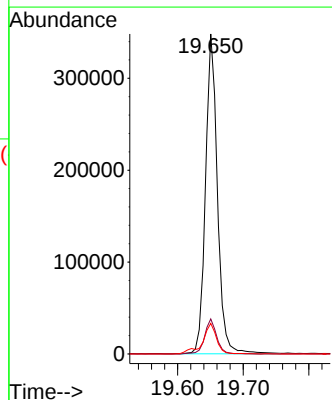
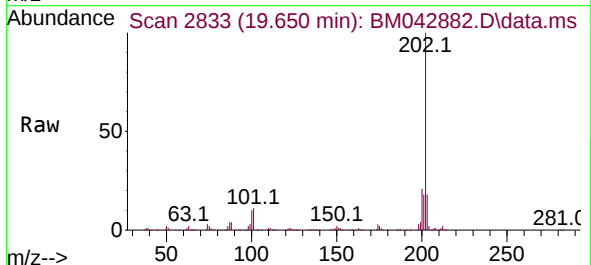
Instrument :
BNA_M
ClientSampleId :

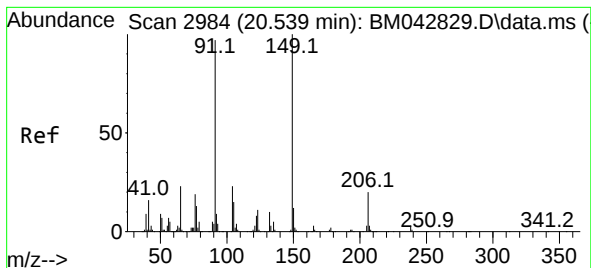
Tgt Ion:202 Resp: 407160
Ion Ratio Lower Upper
202 100
101 9.2 6.6 9.8
100 7.3 5.6 8.4



#82
Pyrene
Concen: 21.777 ng/ul
RT: 19.650 min Scan# 2833
Delta R.T. -0.012 min
Lab File: BM042882.D
Acq: 18 Nov 2023 14:52

Tgt Ion:202 Resp: 440778
Ion Ratio Lower Upper
202 100
101 10.9 8.1 12.1
100 9.6 6.9 10.3





#83

Butylbenzylphthalate

Concen: 19.351 ng/ul

RT: 20.539 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

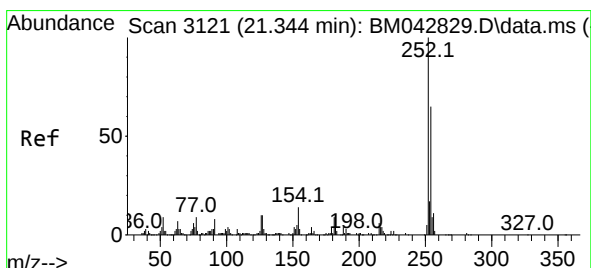
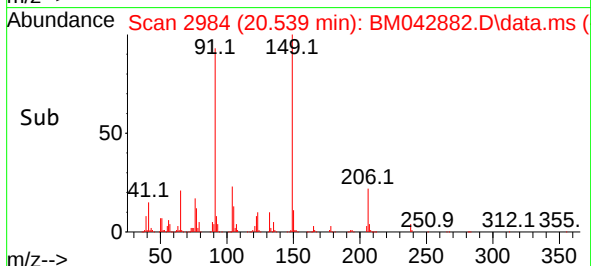
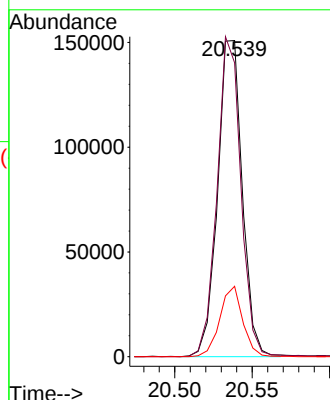
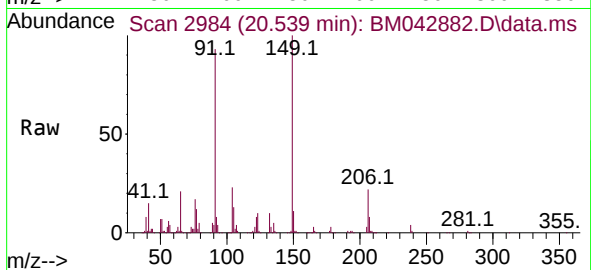
Tgt Ion:149 Resp: 167296

Ion Ratio Lower Upper

149 100

91 93.0 69.3 103.9

206 22.3 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 18.652 ng/ul

RT: 21.344 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

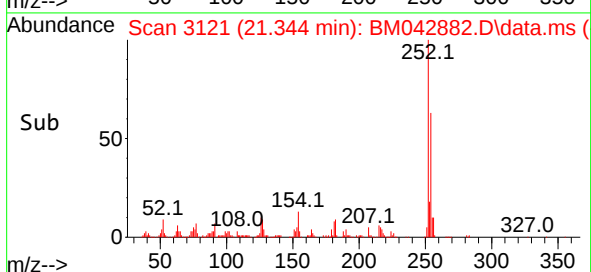
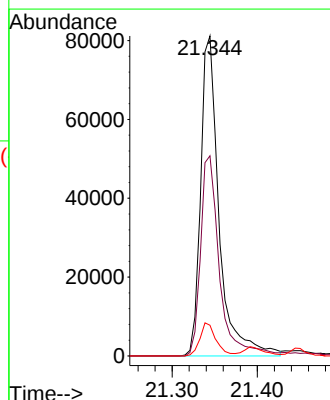
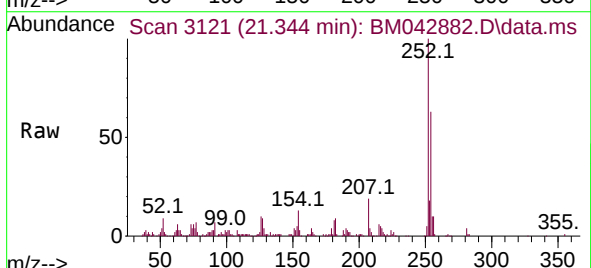
Tgt Ion:252 Resp: 122046

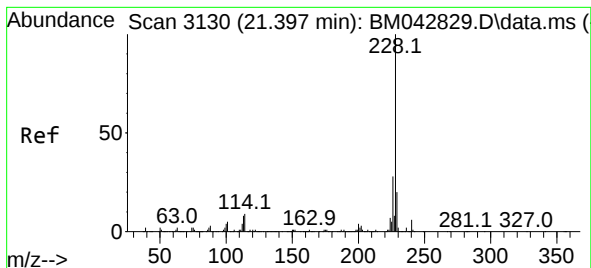
Ion Ratio Lower Upper

252 100

254 62.5 51.8 77.6

126 9.6 7.8 11.8





#85

Benzo(a)anthracene

Concen: 22.840 ng/ul

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

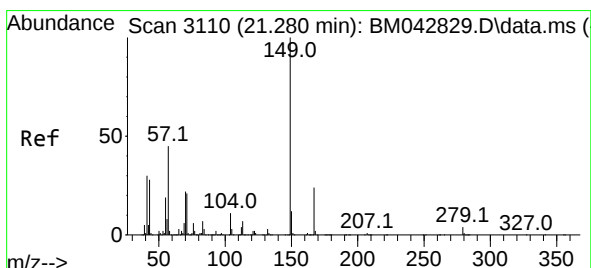
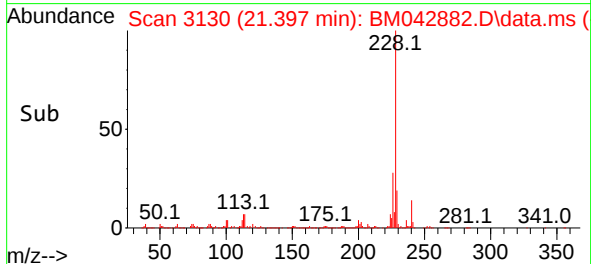
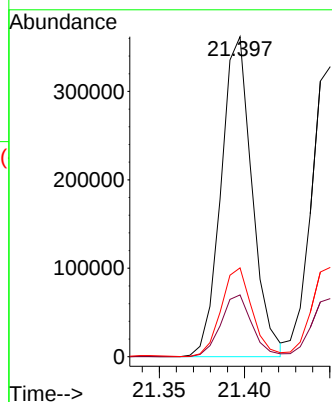
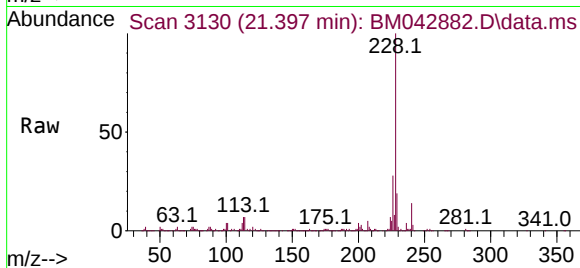
Tgt Ion:228 Resp: 458386

Ion Ratio Lower Upper

228 100

229 19.3 15.8 23.6

226 27.7 22.5 33.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.828 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

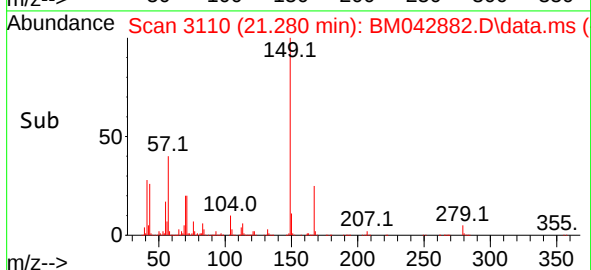
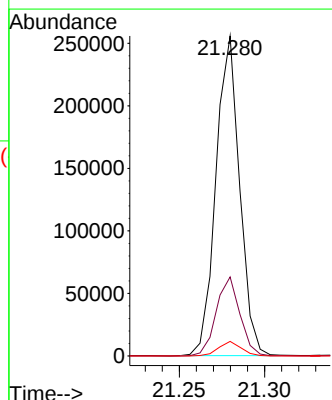
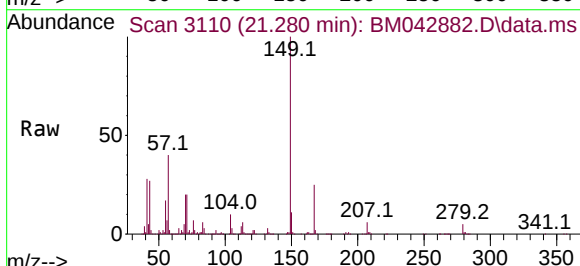
Tgt Ion:149 Resp: 246966

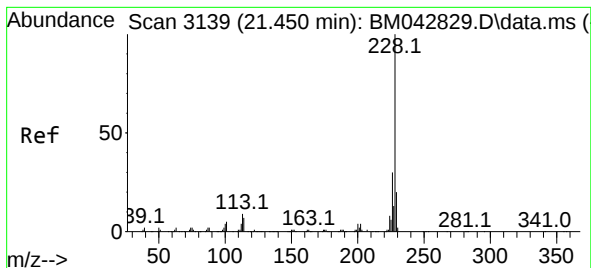
Ion Ratio Lower Upper

149 100

167 24.7 20.6 31.0

279 4.6 3.5 5.3





#87

Chrysene

Concen: 22.526 ng/ul

RT: 21.450 min Scan# 3139

Delta R.T. -0.006 min

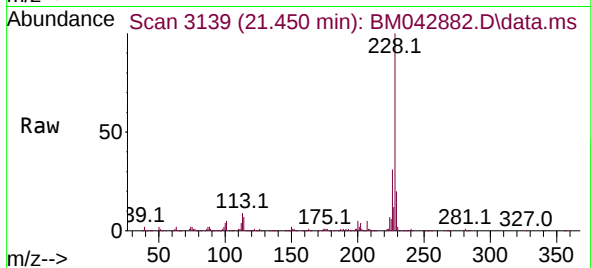
Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :



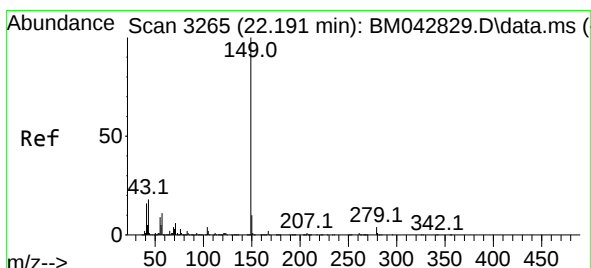
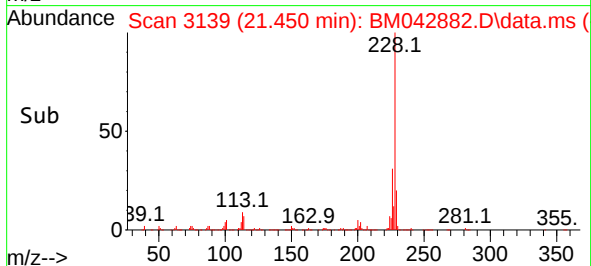
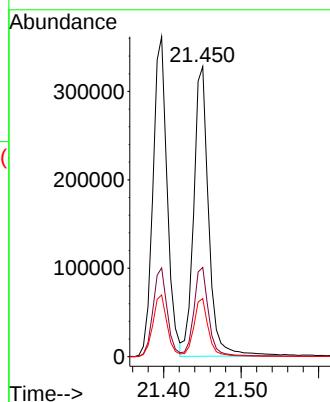
Tgt Ion:228 Resp: 438453

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.0 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 19.385 ng/ul

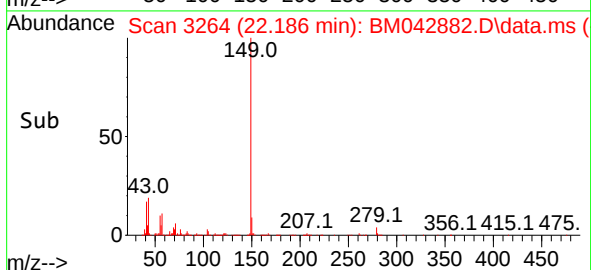
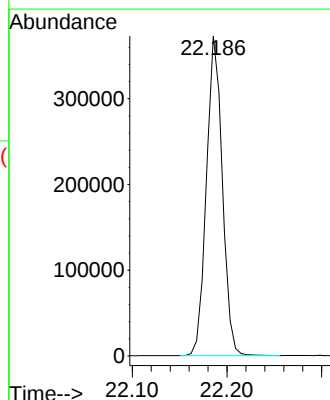
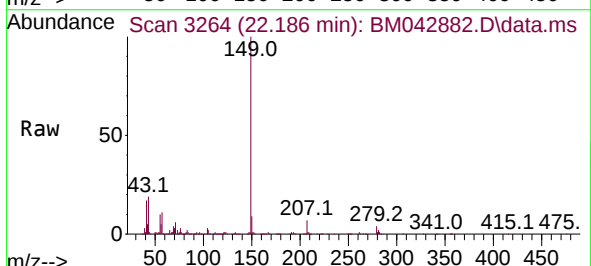
RT: 22.186 min Scan# 3264

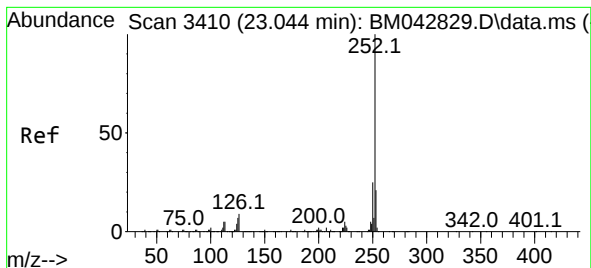
Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Tgt Ion:149 Resp: 432943





#90

Benzo(b)fluoranthene

Concen: 23.230 ng/ul

RT: 23.044 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

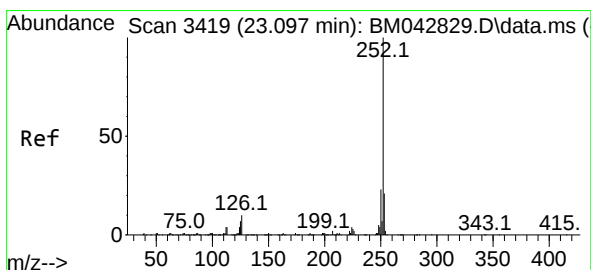
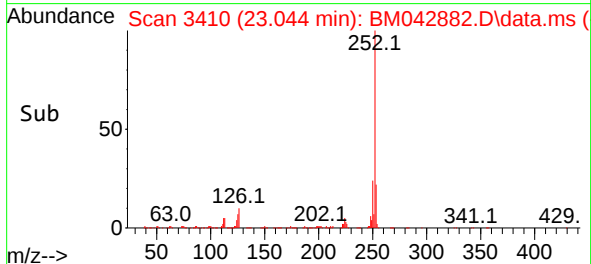
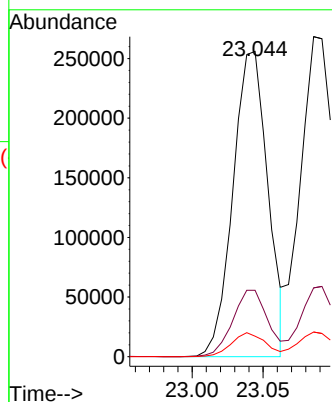
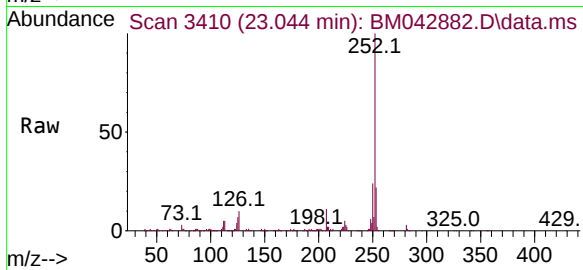
Tgt Ion:252 Resp: 438333

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 6.7 5.2 7.8



#91

Benzo(k)fluoranthene

Concen: 23.770 ng/ul

RT: 23.086 min Scan# 3417

Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

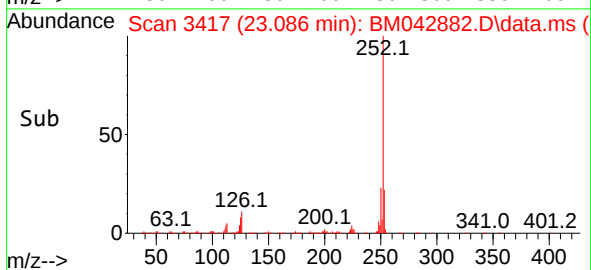
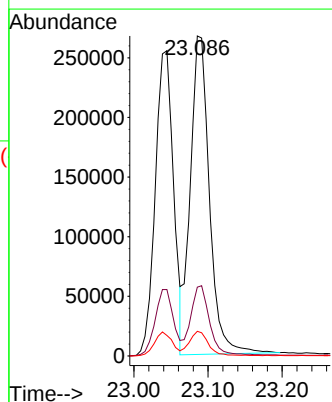
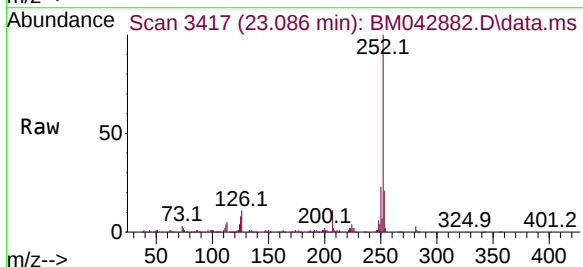
Tgt Ion:252 Resp: 477454

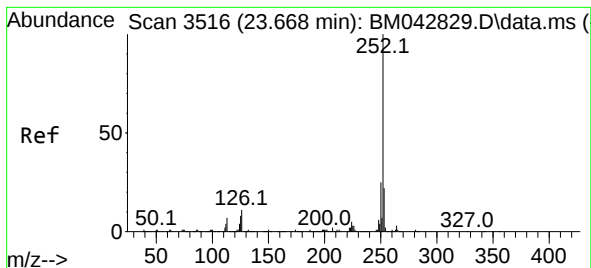
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 7.7 5.5 8.3





#93

Benzo(a)pyrene

Concen: 23.282 ng/ul

RT: 23.662 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

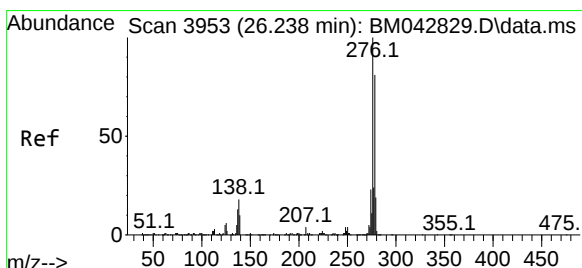
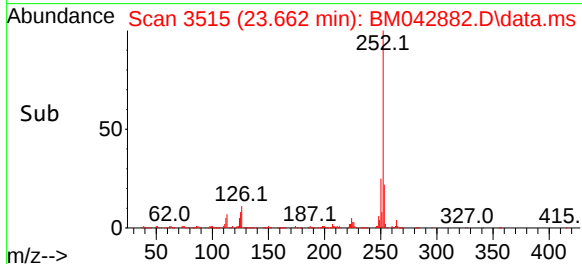
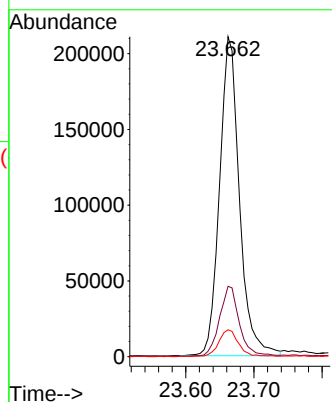
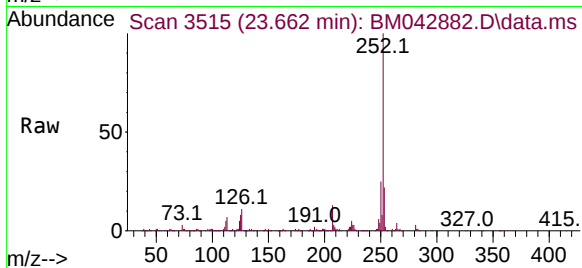
Tgt Ion:252 Resp: 428072

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 8.4 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 23.717 ng/ul

RT: 26.226 min Scan# 3951

Delta R.T. -0.018 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

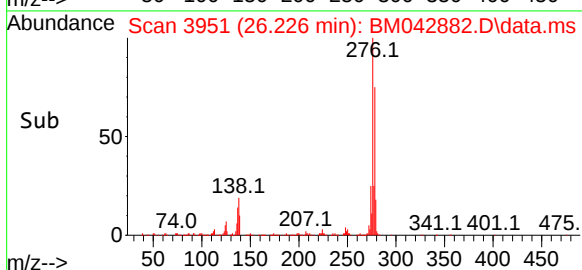
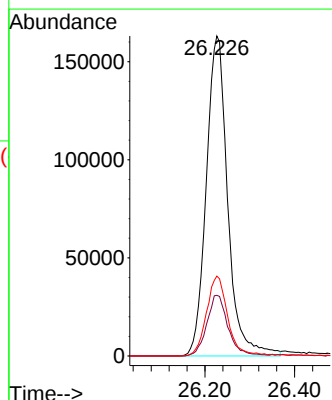
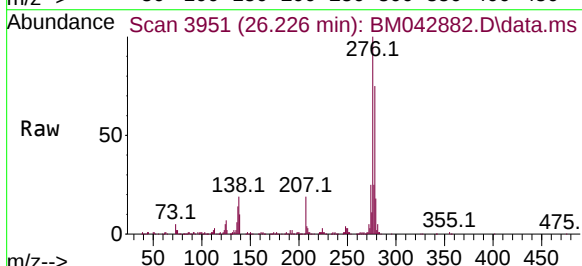
Tgt Ion:276 Resp: 541961

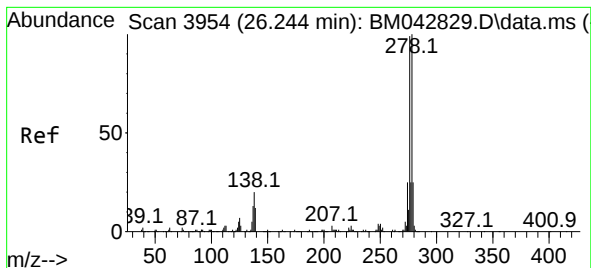
Ion Ratio Lower Upper

276 100

138 19.0 13.8 20.8

277 25.0 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 23.424 ng/ul

RT: 26.238 min Scan# 3953

Delta R.T. -0.024 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Instrument :

BNA_M

ClientSampleId :

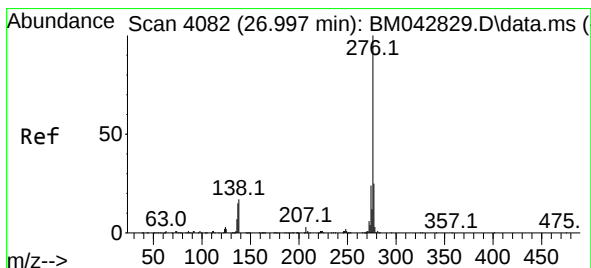
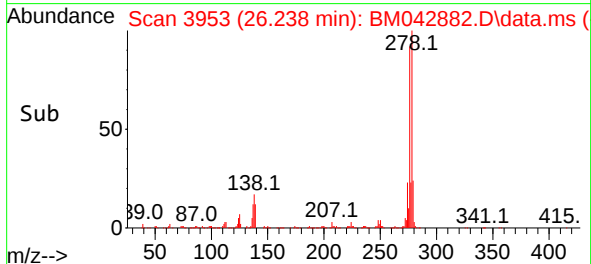
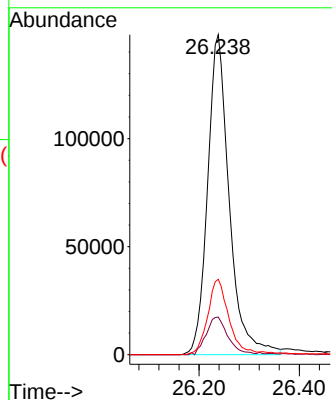
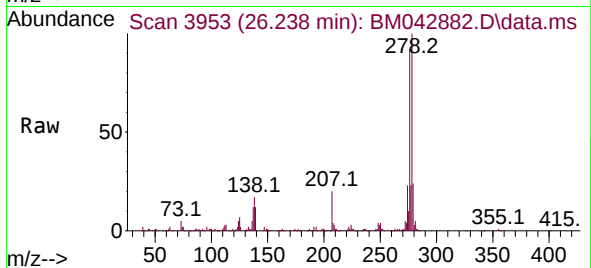
Tgt Ion:278 Resp: 443758

Ion Ratio Lower Upper

278 100

139 11.7 9.0 13.4

279 23.5 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 23.284 ng/ul

RT: 26.991 min Scan# 4081

Delta R.T. -0.030 min

Lab File: BM042882.D

Acq: 18 Nov 2023 14:52

Tgt Ion:276 Resp: 422506

Ion Ratio Lower Upper

276 100

138 16.1 13.0 19.6

277 24.2 18.4 27.6

