

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042880.D
 Acq On : 18 Nov 2023 13:39
 Operator : MA/JU
 Sample : PB156975BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 21:10:34 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	7.816	152	23020	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.627	136	93613	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.468	164	62387	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.227	188	146248	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.409	240	179919	20.000	ng/u1	-0.01
88) Perylene-d12	23.768	264	186408	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	4725	6.440	ng/uL	-0.01
4) Pyridine-d5	3.604	84	59662	32.694	ng/u1	-0.01
7) Phenol-d5	6.981	99	74780	33.378	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	57338	36.421	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.334	132	54453	31.499	ng/u1	-0.02
15) 4-Methylphenol-d8	8.539	113	54973	31.163	ng/u1	-0.01
21) Nitrobenzene-d5	9.016	128	24876	30.309	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.727	143	26768	27.879	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.251	165	56160	31.457	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.804	131	62145	27.416	ng/u1	-0.01
46) Dimethylphthalate-d6	13.892	166	184496	31.247	ng/u1	-0.01
49) Acenaphthylene-d8	14.168	160	200651	31.761	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.721	143	19436	29.136	ng/u1	-0.02
60) Fluorene-d10	15.468	176	157320	32.176	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	31833	28.736	ng/u1	-0.01
73) Anthracene-d10	17.327	188	257088	31.367	ng/u1	-0.01
81) Pyrene-d10	19.621	212	350750	29.771	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.615	264	382191	34.277	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	11281	14.439	ng/uL#	92
5) Pyridine	3.628	79	72392	36.481	ng/u1	96
6) Benzaldehyde	6.981	77	49055	38.162	ng/u1	88
8) Phenol	7.010	94	78932	35.419	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.257	93	63908	34.717	ng/u1	91
12) 2-Chlorophenol	7.369	128	59045	34.320	ng/u1#	87
13) 2-Methylphenol	8.263	108	54671	32.898	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.328	45	69577	20.763	ng/u1	96
16) Acetophenone	8.669	105	96518	32.539	ng/u1	88
17) N-Nitroso-di-n-propyla...	8.633	70	63389	35.105	ng/u1	92
18) 4-Methylphenol	8.598	108	57639	31.902	ng/u1	95
19) Hexachloroethane	8.863	117	33103	34.522	ng/u1	85
22) Nitrobenzene	9.057	77	90720	36.571	ng/u1	94
23) Isophorone	9.563	82	166443	33.689	ng/u1	97
25) 2-Nitrophenol	9.757	139	30141	30.898	ng/u1#	81
26) 2,4-Dimethylphenol	9.804	107	59897	28.698	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.057	93	85458	34.230	ng/u1	96
29) 2,4-Dichlorophenol	10.280	162	57254	33.873	ng/u1	95
30) Naphthalene	10.675	128	188983	32.224	ng/u1	98
32) 4-Chloroaniline	10.827	127	60541	27.840	ng/u1	96
33) Hexachlorobutadiene	10.898	225	47475	31.797	ng/u1	97
34) Caprolactam	11.651	113	10543	21.037	ng/u1	82
35) 4-Chloro-3-methylphenol	11.933	107	63437	35.025	ng/u1	94
36) 2-Methylnaphthalene	12.286	142	128110	32.593	ng/u1	97

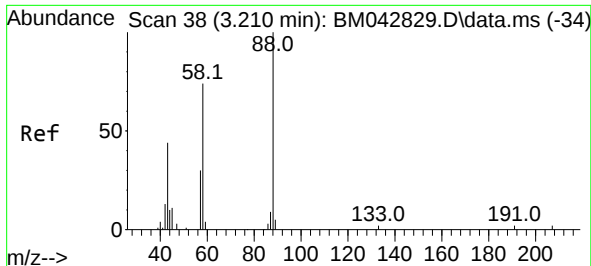
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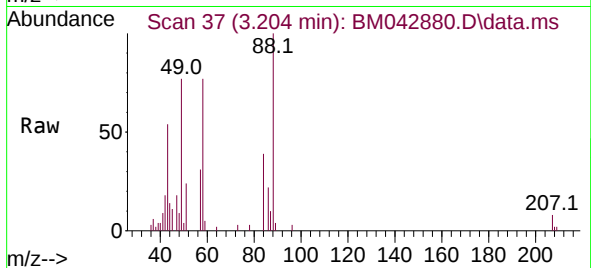
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	132709	32.112	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	83337	34.061	ng/ul	97
40) Hexachlorocyclopentadiene	12.580	237	26707	23.056	ng/ul	92
41) 2,4,6-Trichlorophenol	12.904	196	48710	32.593	ng/ul	95
42) 2,4,5-Trichlorophenol	12.980	196	48099	33.330	ng/ul	96
43) 1,1'-Biphenyl	13.304	154	178563	34.320	ng/ul#	97
44) 2-Chloronaphthalene	13.351	162	143775	34.350	ng/ul	96
45) 2-Nitroaniline	13.604	65	55793	40.873	ng/ul	89
47) Dimethylphthalate	13.945	163	189957	33.030	ng/ul	98
48) 2,6-Dinitrotoluene	14.092	165	34489	31.921	ng/ul#	79
50) Acenaphthylene	14.198	152	241637	34.135	ng/ul	100
51) 3-Nitroaniline	14.439	138	26349	29.824	ng/ul	95
52) Acenaphthene	14.533	153	164218	34.301	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	13920	25.911	ng/ul#	87
55) 4-Nitrophenol	14.733	109	36263	34.544	ng/ul	96
56) Dibenzofuran	14.874	168	232887	35.048	ng/ul	95
57) 2,4-Dinitrotoluene	14.880	165	56285	35.484	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.098	232	48669	32.489	ng/ul#	94
59) Diethylphthalate	15.292	149	201554	33.422	ng/ul	99
61) Fluorene	15.521	166	201176	35.660	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.515	204	110269	36.268	ng/ul	97
63) 4-Nitroaniline	15.609	138	25748	31.967	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.627	198	34633	30.708	ng/ul	90
67) N-Nitrosodiphenylamine	15.745	169	155195	33.834	ng/ul	100
68) 4-Bromophenyl-phenylether	16.409	248	64500	33.133	ng/ul	97
69) Hexachlorobenzene	16.492	284	76703	32.231	ng/ul	98
70) Atrazine	16.692	200	49086	27.782	ng/ul	98
71) Pentachlorophenol	16.862	266	39481	28.810	ng/ul	100
72) Phenanthrene	17.268	178	321907	35.233	ng/ul	99
74) Anthracene	17.362	178	320782	34.906	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	84541	32.692	ng/uL	98
76) Pentachlorobenzene	14.762	250	90245	33.259	ng/uL	98
77) Carbazole	17.651	167	253585	33.418	ng/ul	99
78) Di-n-butylphthalate	18.168	149	363976	32.801	ng/ul	98
80) Fluoranthene	19.286	202	413052	30.748	ng/ul	98
82) Pyrene	19.650	202	459088	32.231	ng/ul	97
83) Butylbenzylphthalate	20.533	149	171963	28.265	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.339	252	122040	26.503	ng/ul	99
85) Benzo(a)anthracene	21.391	228	478446	33.876	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	257496	27.896	ng/ul	99
87) Chrysene	21.450	228	470121	34.322	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	463510	30.782	ng/ul	100
90) Benzo(b)fluoranthene	23.038	252	463663	36.448	ng/ul	98
91) Benzo(k)fluoranthene	23.091	252	511573	37.777	ng/ul	100
93) Benzo(a)pyrene	23.662	252	459923	37.102	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.226	276	586748	38.086	ng/ul	98
95) Dibenzo(a,h)anthracene	26.238	278	474041	37.115	ng/ul	99
96) Benzo(g,h,i)perylene	26.991	276	451271	36.888	ng/ul	98

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

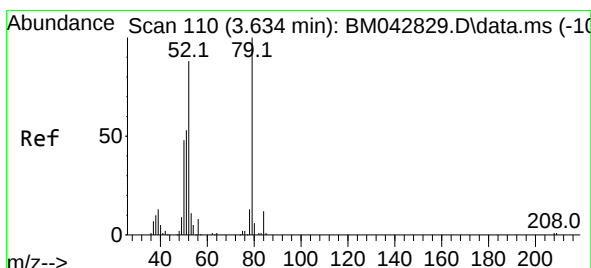
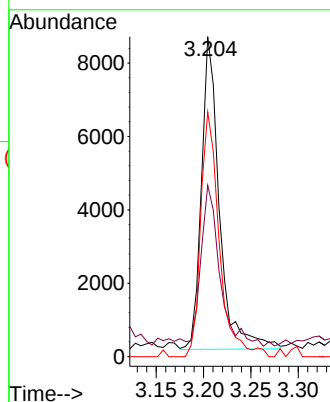
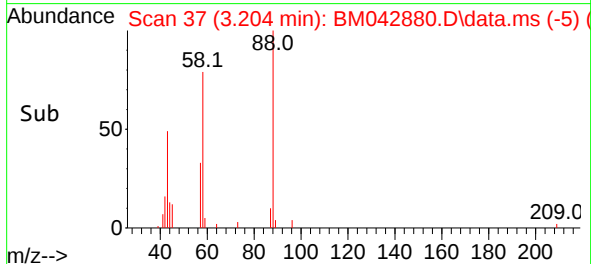


#2
1,4-Dioxane
Concen: 14.439 ng/uL
RT: 3.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Instrument :
BNA_M
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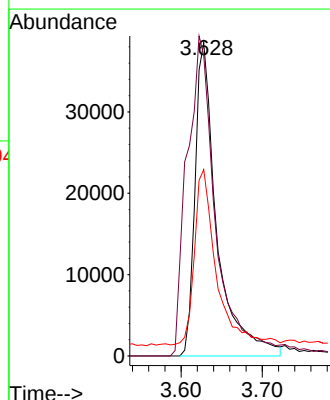
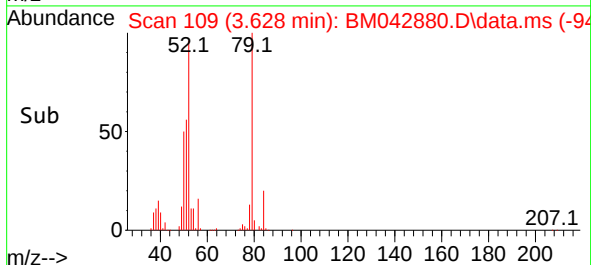
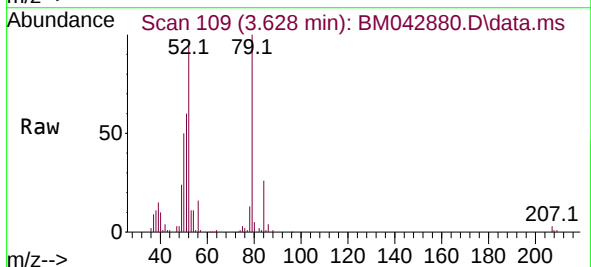


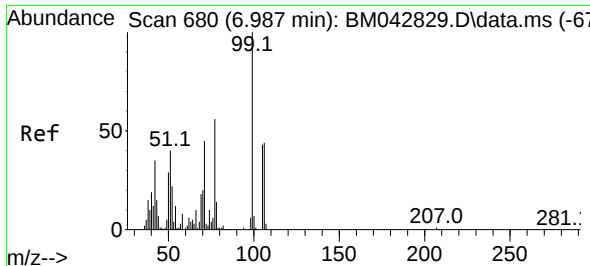
Tgt Ion: 88 Resp: 11281
Ion Ratio Lower Upper
88 100
43 53.6 34.3 51.5#
58 76.5 59.4 89.0



#5
Pyridine
Concen: 36.481 ng/uL
RT: 3.628 min Scan# 109
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion: 79 Resp: 72392
Ion Ratio Lower Upper
79 100
52 96.0 74.6 111.8
51 59.5 44.6 67.0

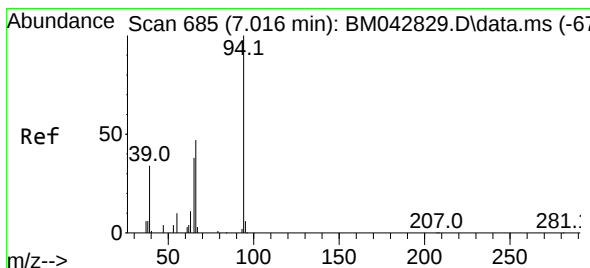
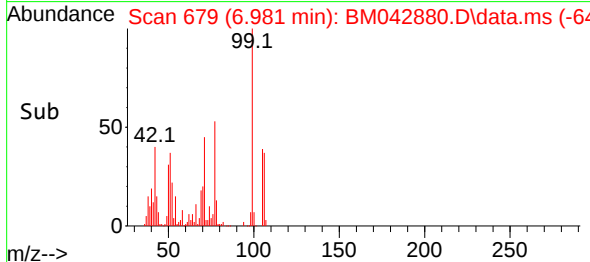
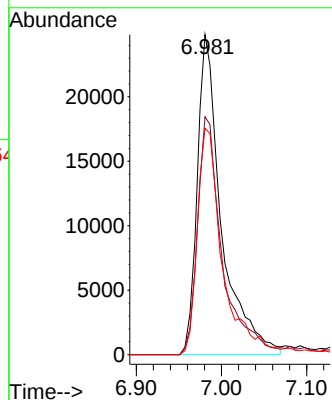
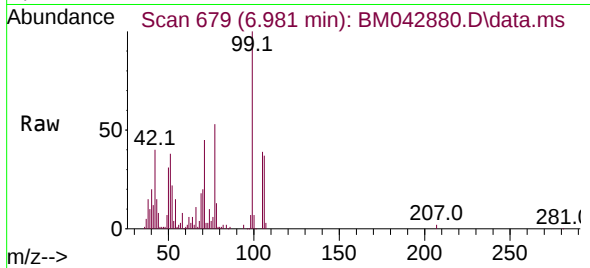




#6
Benzaldehyde
Concen: 38.162 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

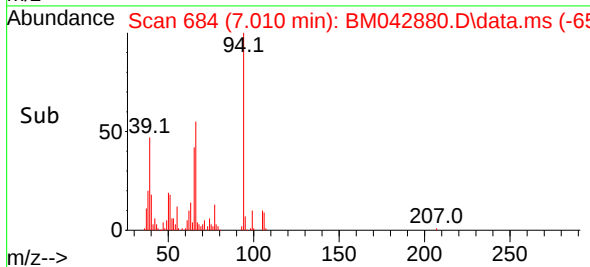
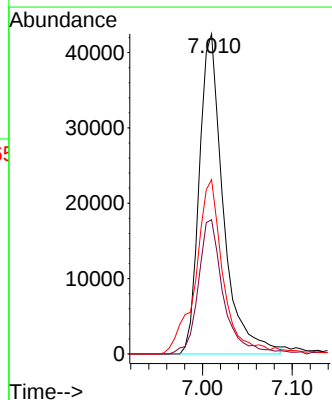
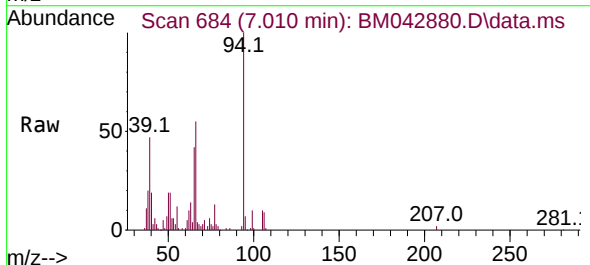
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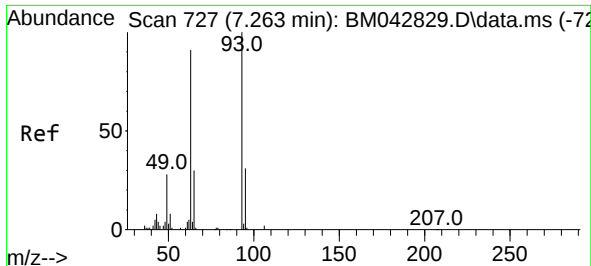
Tgt Ion: 77 Resp: 49055
Ion Ratio Lower Upper
77 100
105 74.4 69.6 104.4
106 70.7 64.2 96.2



#8
Phenol
Concen: 35.419 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion: 94 Resp: 78932
Ion Ratio Lower Upper
94 100
65 42.0 30.3 45.5
66 54.5 39.9 59.9





#10

Bis(2-Chloroethyl)ether

Concen: 34.717 ng/ul

RT: 7.257 min Scan# 71

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

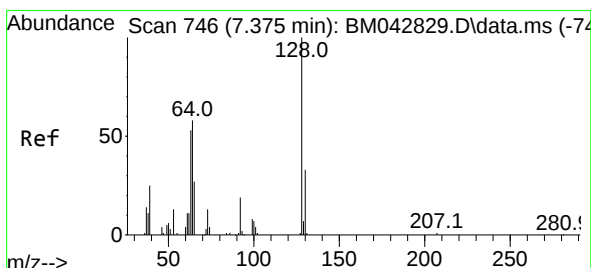
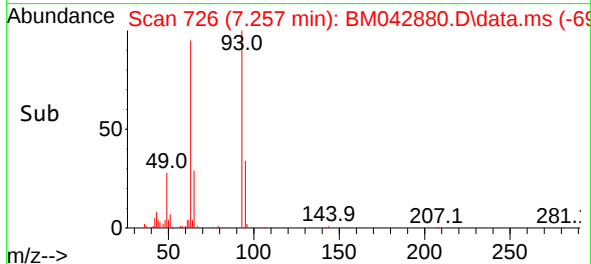
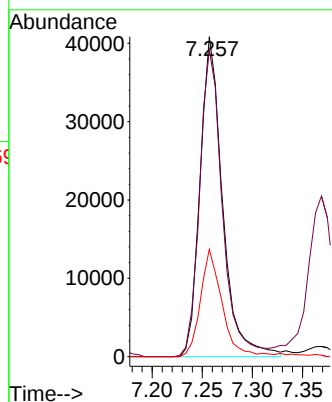
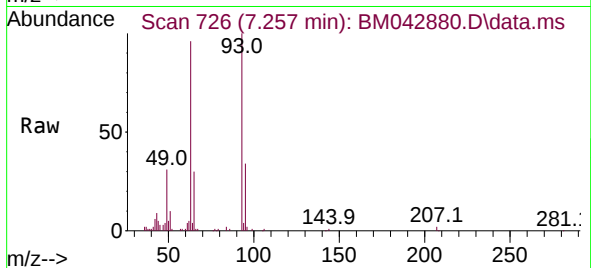
Tgt Ion: 93 Resp: 63908

Ion Ratio Lower Upper

93 100

63 95.9 68.6 102.8

95 33.5 24.8 37.2



#12

2-Chlorophenol

Concen: 34.320 ng/ul

RT: 7.369 min Scan# 745

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

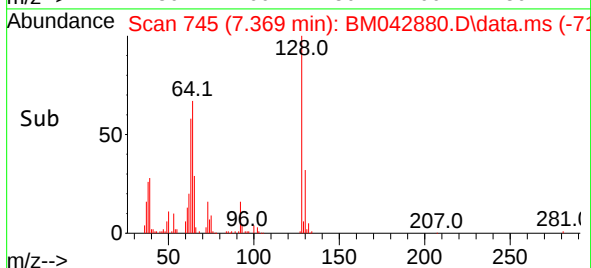
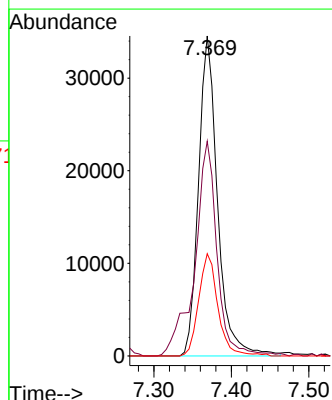
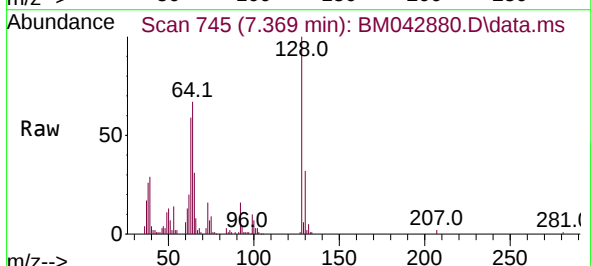
Tgt Ion:128 Resp: 59045

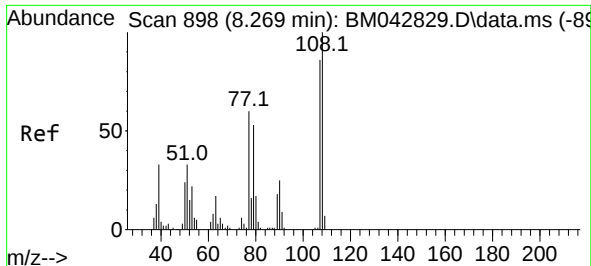
Ion Ratio Lower Upper

128 100

64 67.1 42.9 64.3#

130 31.9 23.9 35.9

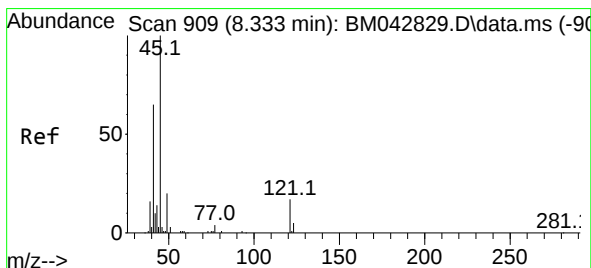
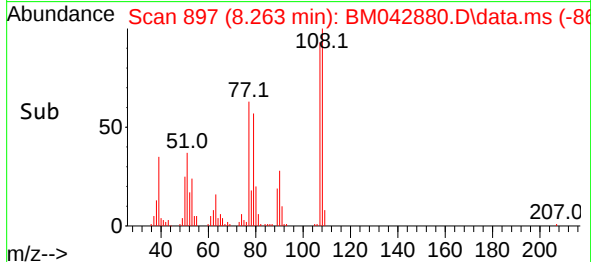
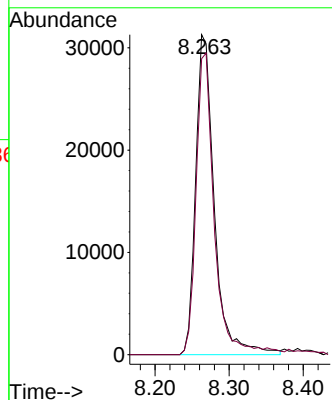
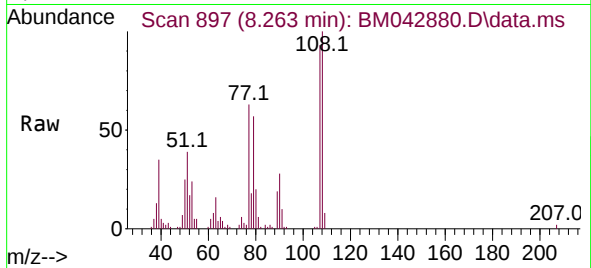




#13
2-Methylphenol
Concen: 32.898 ng/ul
RT: 8.263 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

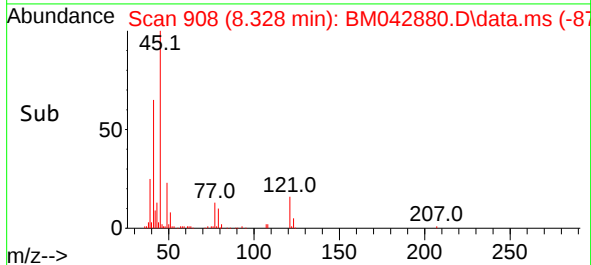
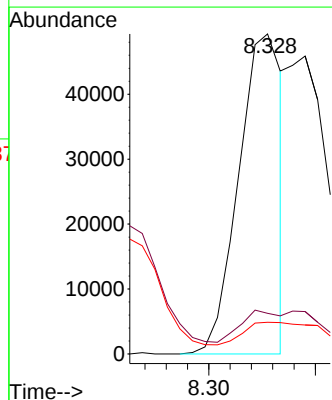
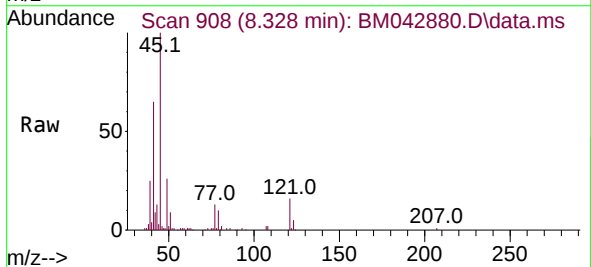
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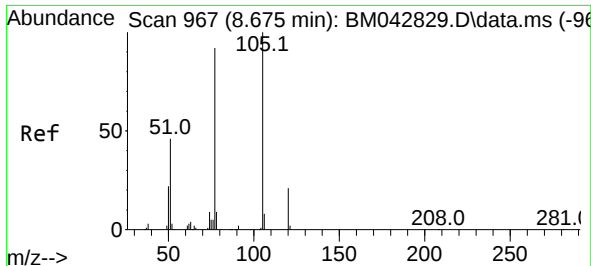
Tgt Ion:108 Resp: 54671
Ion Ratio Lower Upper
108 100
107 92.5 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.763 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion: 45 Resp: 69577
Ion Ratio Lower Upper
45 100
77 12.7 12.2 18.2
79 9.9 8.2 12.2

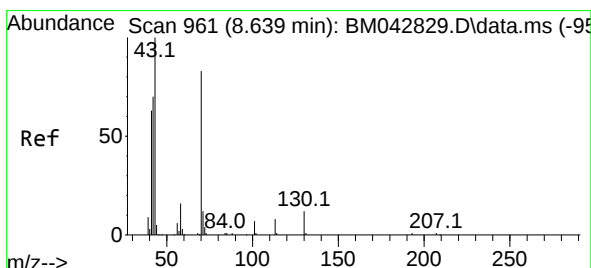
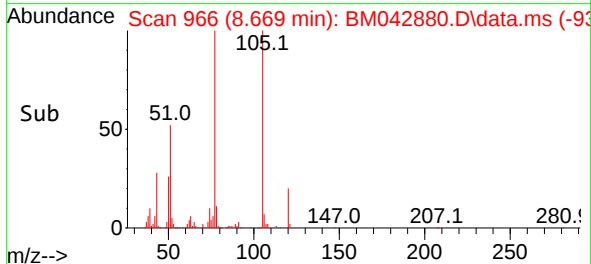
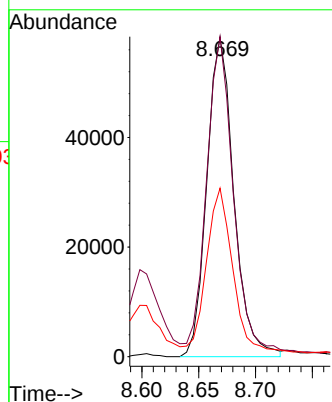
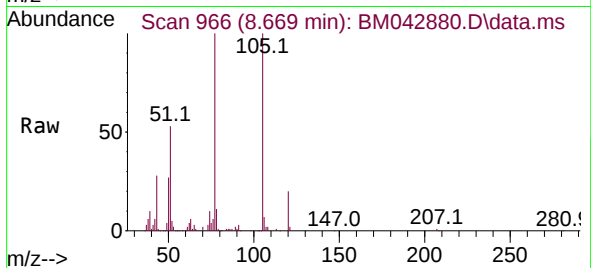




#16
Acetophenone
Concen: 32.539 ng/ul
RT: 8.669 min Scan# 967
Delta R.T. -0.012 min
Lab File: BM042880.D
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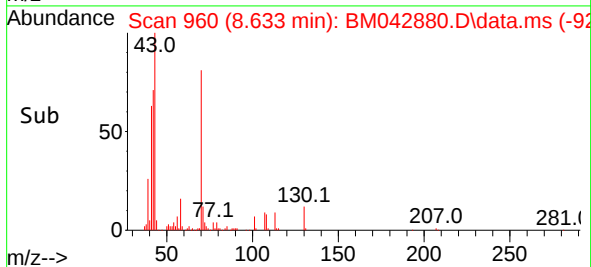
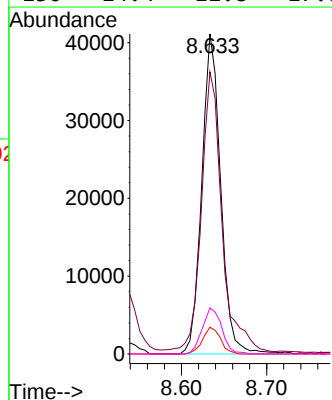
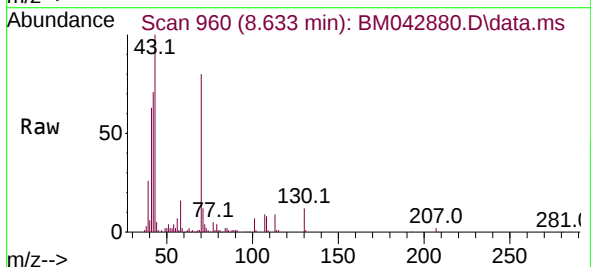
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BNA_M
ClientSampleId :

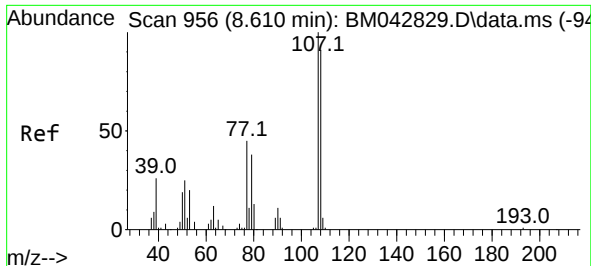
Tgt Ion:105 Resp: 96518
Ion Ratio Lower Upper
105 100
77 100.2 71.6 107.4
51 52.8 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 35.105 ng/ul
RT: 8.633 min Scan# 960
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion: 70 Resp: 63389
Ion Ratio Lower Upper
70 100
42 88.2 63.0 94.6
101 8.3 7.0 10.4
130 14.4 11.8 17.8

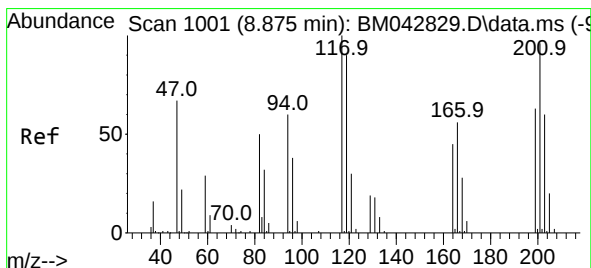
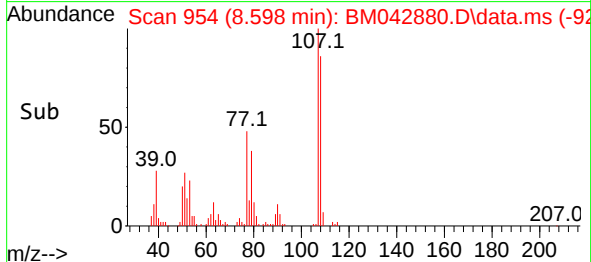
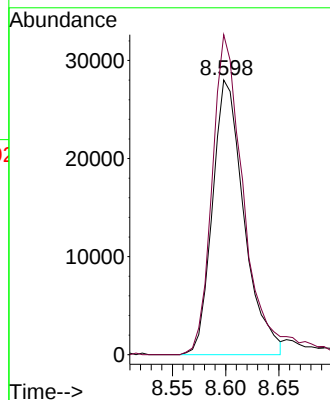
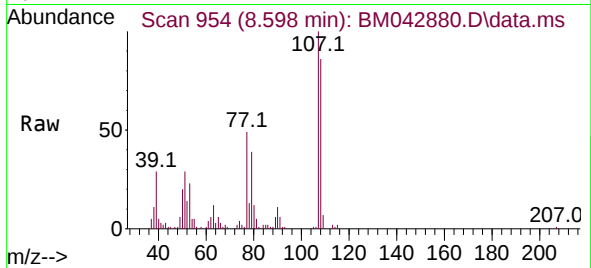




#18
4-Methylphenol
Concen: 31.902 ng/ul
RT: 8.598 min Scan# 911
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

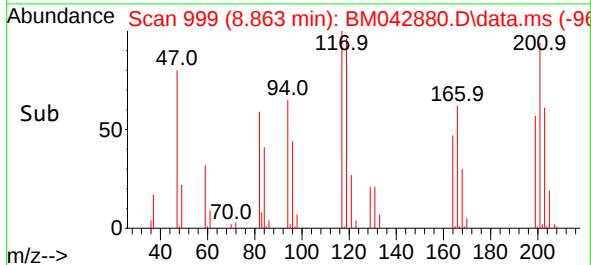
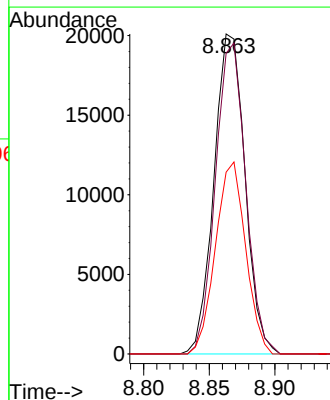
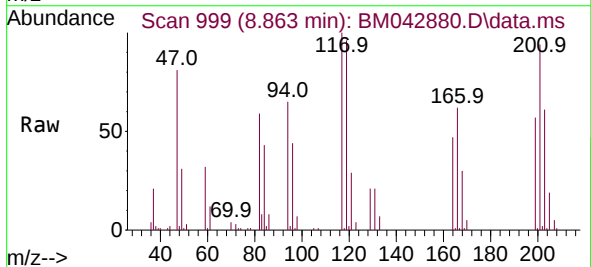
Instrument :
BNA_M
ClientSampleId :

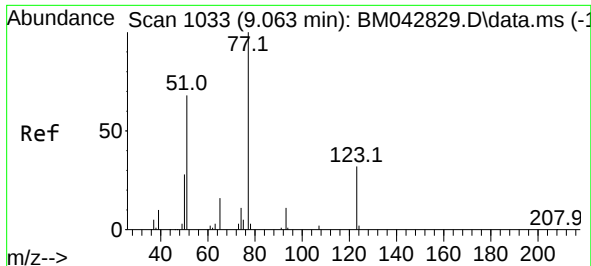
Tgt Ion:108 Resp: 57639
Ion Ratio Lower Upper
108 100
107 116.5 89.4 134.0



#19
Hexachloroethane
Concen: 34.522 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:117 Resp: 33103
Ion Ratio Lower Upper
117 100
201 94.0 90.0 135.0
199 56.8 52.2 78.4

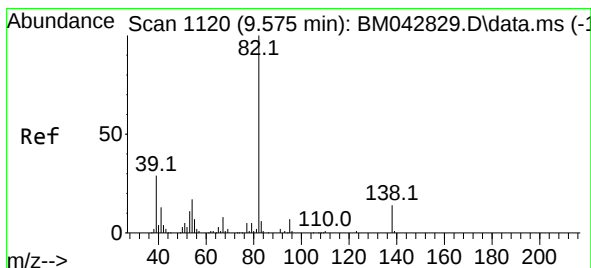
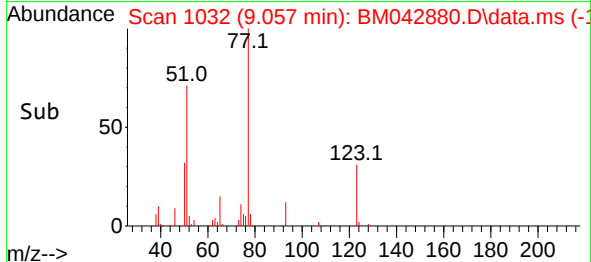
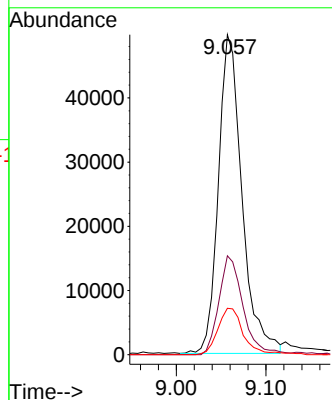
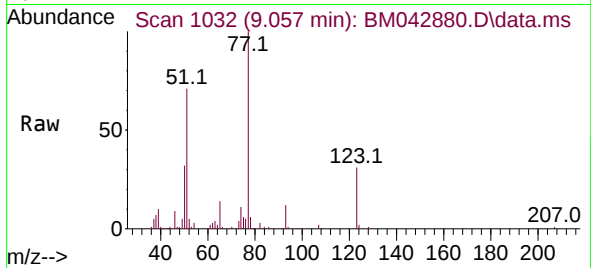




#22
Nitrobenzene
Concen: 36.571 ng/ul
RT: 9.057 min Scan# 1118
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

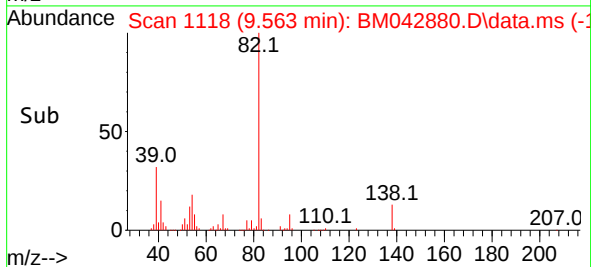
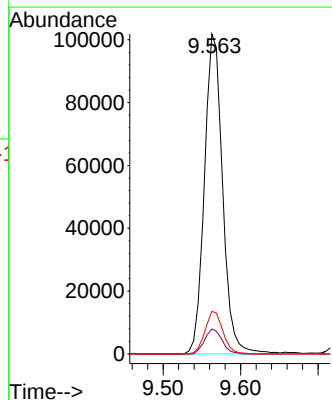
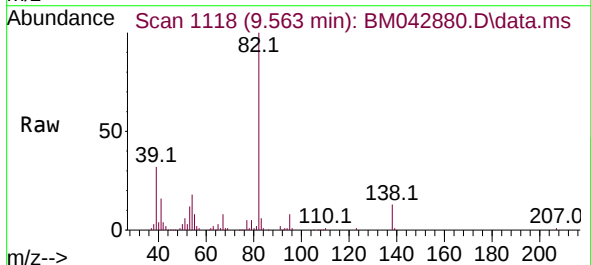
Instrument :
BNA_M
ClientSampleId :

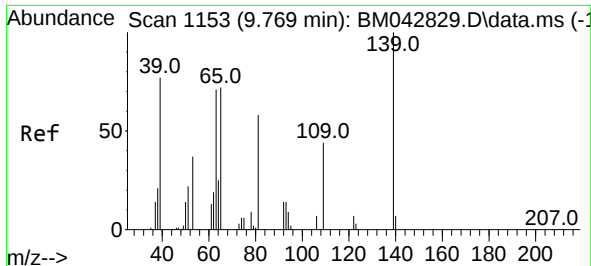
Tgt Ion: 77 Resp: 90720
Ion Ratio Lower Upper
77 100
123 30.9 28.4 42.6
65 14.5 12.4 18.6



#23
Isophorone
Concen: 33.689 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion: 82 Resp: 166443
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 13.3 12.1 18.1

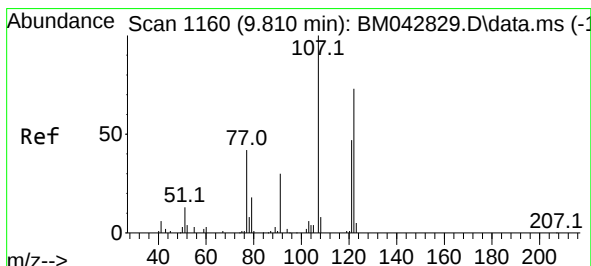
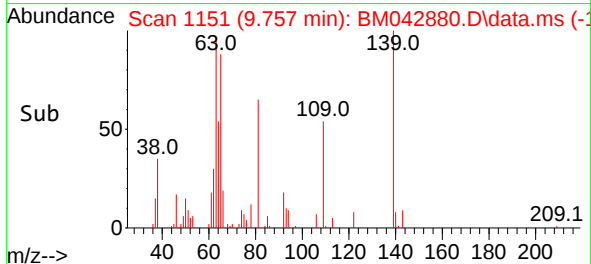
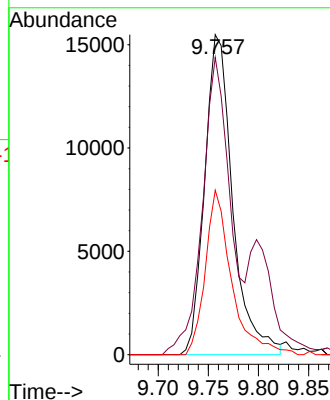
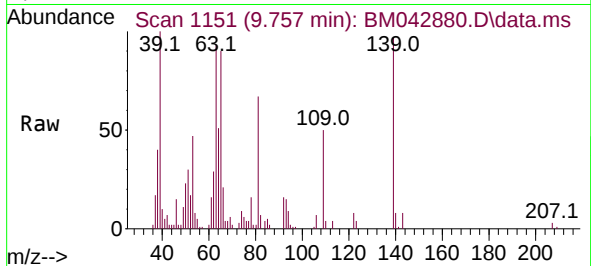




#25
2-Nitrophenol
Concen: 30.898 ng/ul
RT: 9.757 min Scan# 1151
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

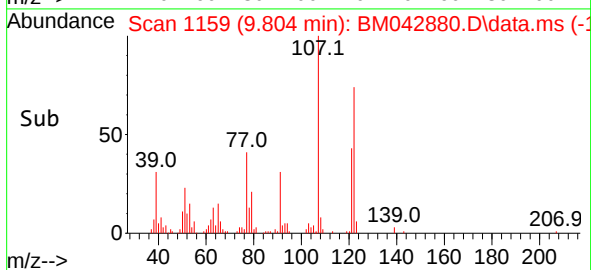
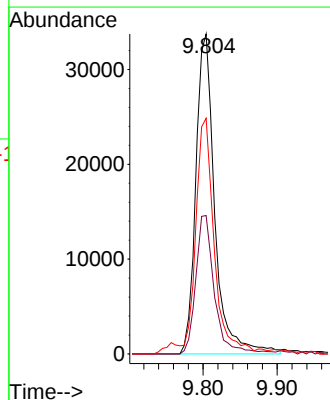
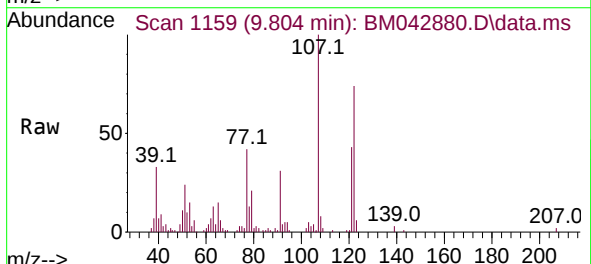
Instrument :
BNA_M
ClientSampleId :

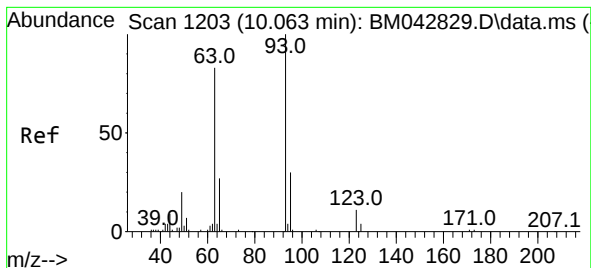
Tgt Ion:139 Resp: 30141
Ion Ratio Lower Upper
139 100
65 92.9 59.1 88.7#
109 51.4 33.9 50.9#



#26
2,4-Dimethylphenol
Concen: 28.698 ng/ul
RT: 9.804 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:107 Resp: 59897
Ion Ratio Lower Upper
107 100
121 43.3 38.0 57.0
122 73.7 60.5 90.7

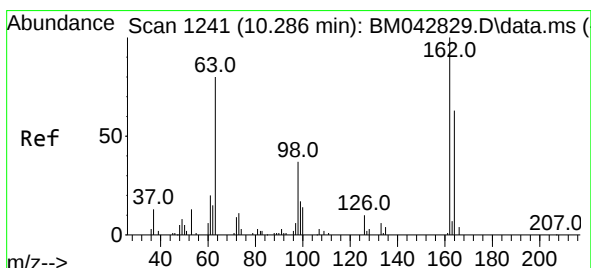
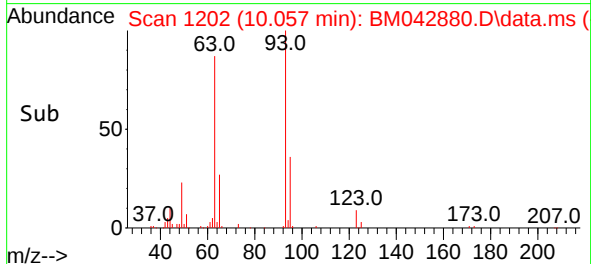
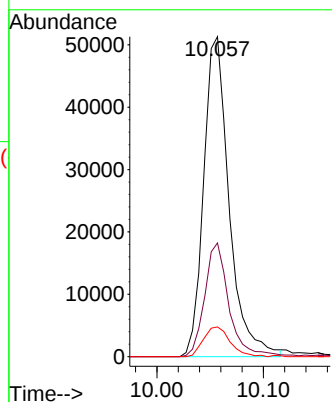
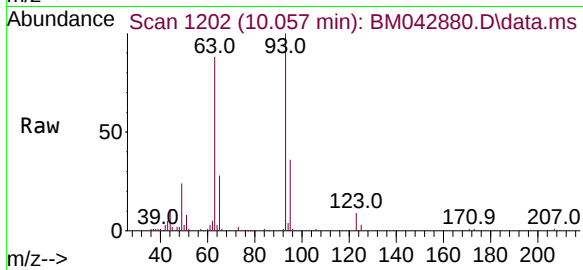




#27
 Bis(2-Chloroethoxy)methane
 Concen: 34.230 ng/ul
 RT: 10.057 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BM042880.D
 Acq: 18 Nov 2023 13:39

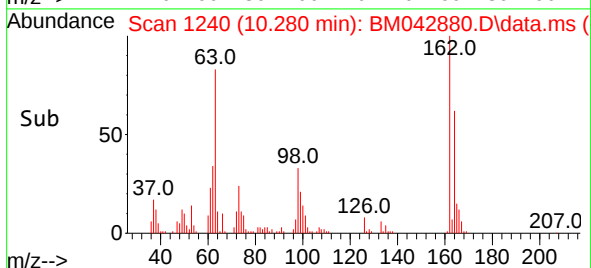
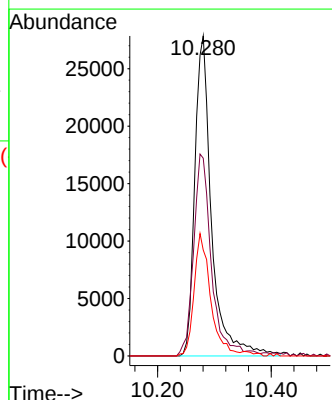
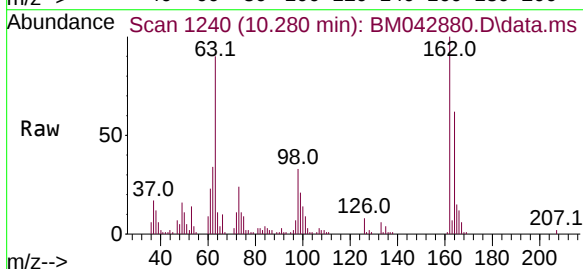
Instrument :
 BNA_M
 ClientSampleId :

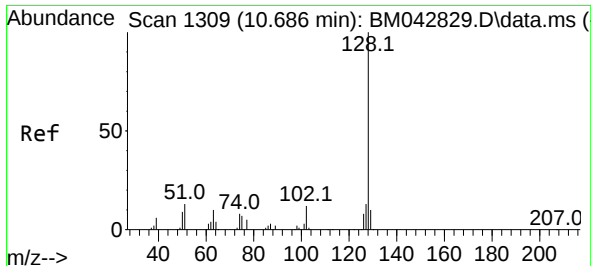
Tgt Ion: 93 Resp: 85458
 Ion Ratio Lower Upper
 93 100
 95 35.6 26.5 39.7
 123 9.3 8.2 12.2



#29
 2,4-Dichlorophenol
 Concen: 33.873 ng/ul
 RT: 10.280 min Scan# 1240
 Delta R.T. -0.012 min
 Lab File: BM042880.D
 Acq: 18 Nov 2023 13:39

Tgt Ion:162 Resp: 57254
 Ion Ratio Lower Upper
 162 100
 164 61.8 53.4 80.2
 98 33.1 28.4 42.6

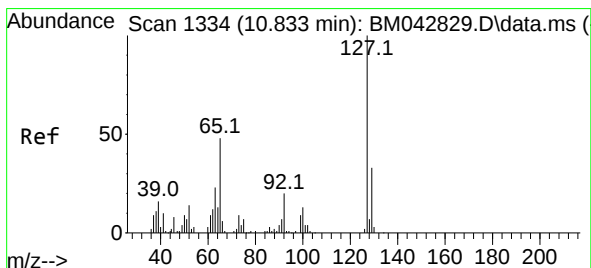
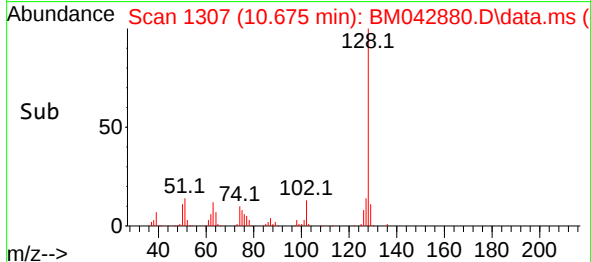
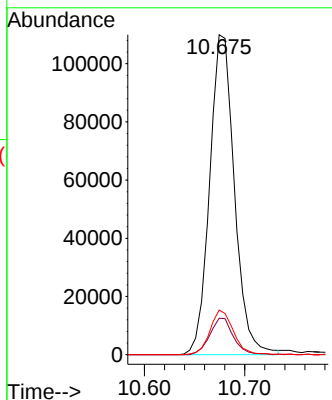
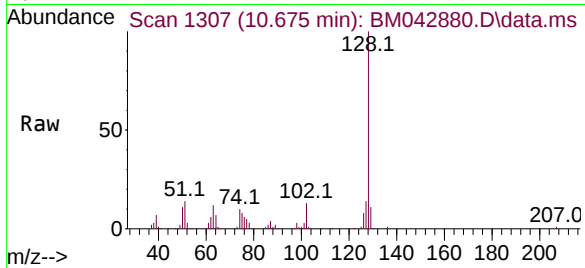




#30
Naphthalene
Concen: 32.224 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

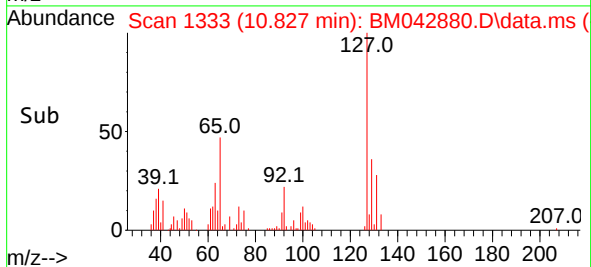
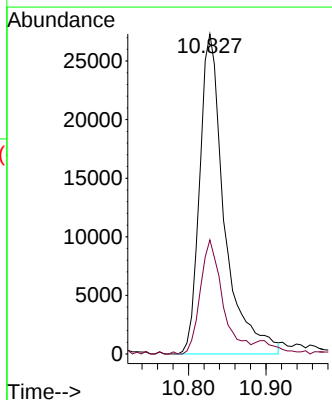
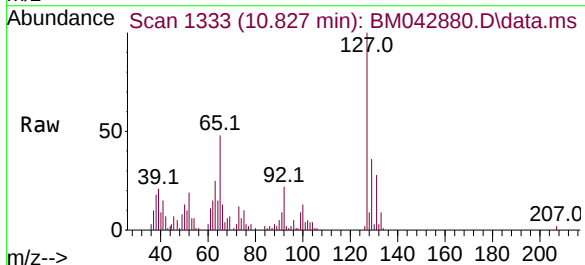
Instrument :
BNA_M
ClientSampleId :

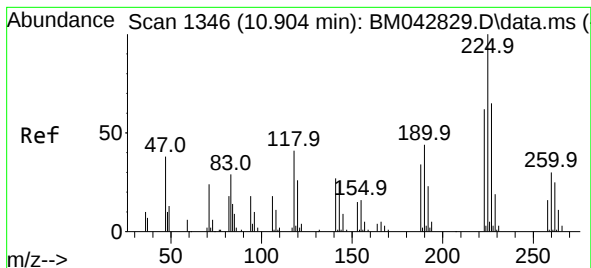
Tgt Ion:128 Resp: 188983
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 14.0 10.5 15.7



#32
4-Chloroaniline
Concen: 27.840 ng/ul
RT: 10.827 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:127 Resp: 60541
Ion Ratio Lower Upper
127 100
129 35.7 26.7 40.1





#33

Hexachlorobutadiene

Concen: 31.797 ng/ul

RT: 10.898 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

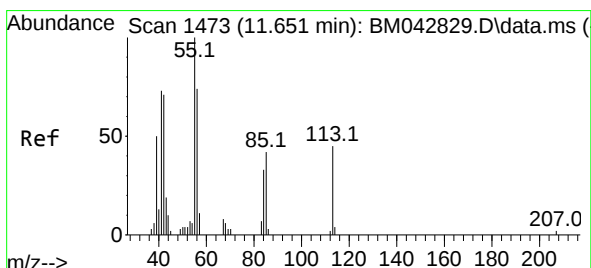
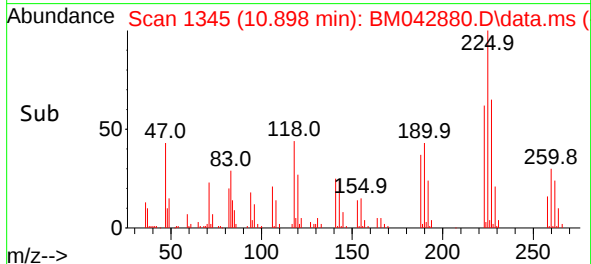
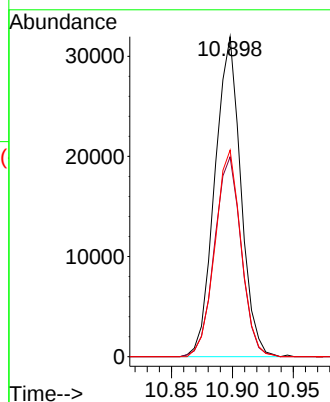
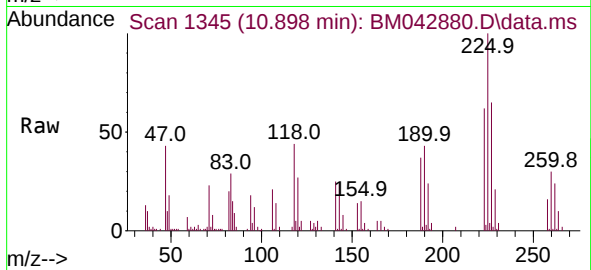
Tgt Ion:225 Resp: 47475

Ion Ratio Lower Upper

225 100

223 62.5 53.0 79.4

227 64.5 50.5 75.7



#34

Caprolactam

Concen: 21.037 ng/ul

RT: 11.651 min Scan# 1473

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

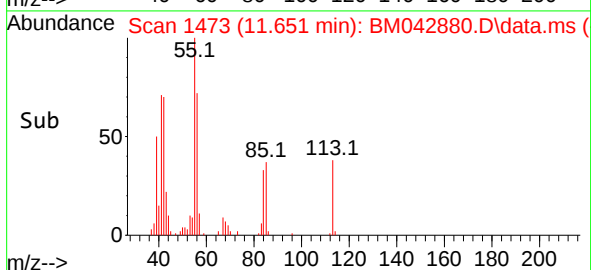
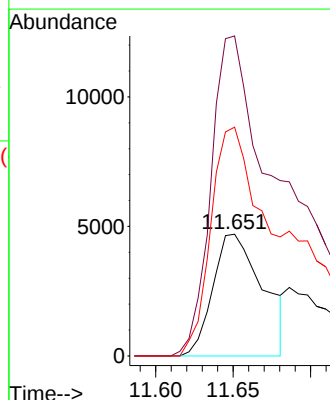
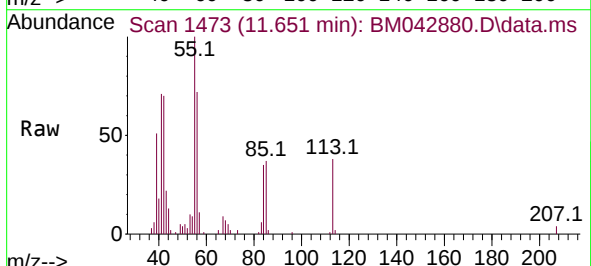
Tgt Ion:113 Resp: 10543

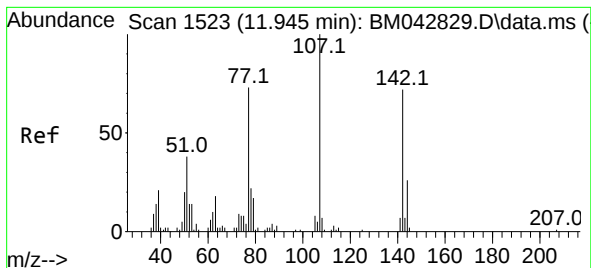
Ion Ratio Lower Upper

113 100

55 262.9 184.2 276.2

56 188.0 134.3 201.5

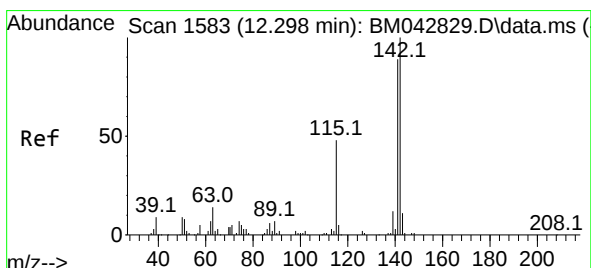
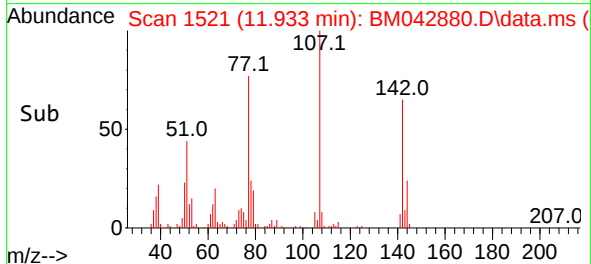
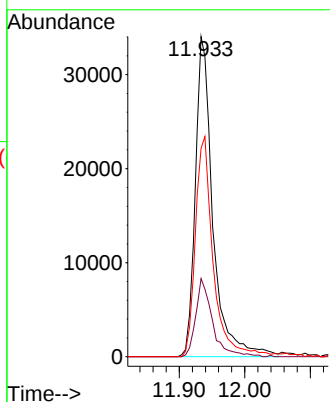
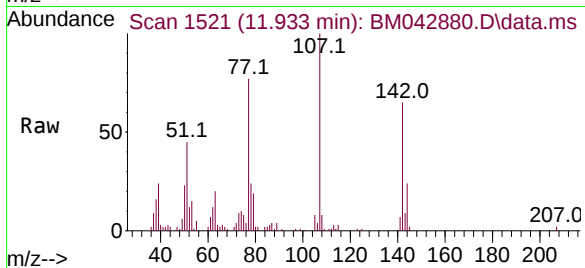




#35
4-Chloro-3-methylphenol
Concen: 35.025 ng/ul
RT: 11.933 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

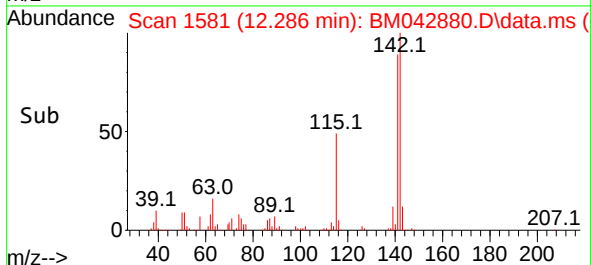
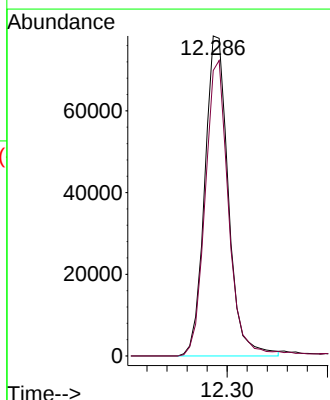
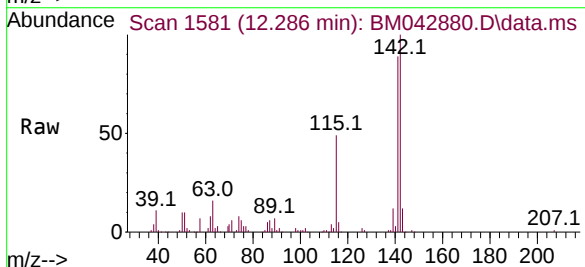
Instrument :
BNA_M
ClientSampleId :

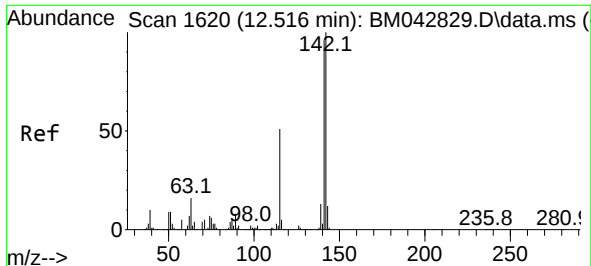
Tgt Ion:107 Resp: 63437
Ion Ratio Lower Upper
107 100
144 24.4 18.3 27.5
142 65.1 56.3 84.5



#36
2-Methylnaphthalene
Concen: 32.593 ng/ul
RT: 12.286 min Scan# 1581
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:142 Resp: 128110
Ion Ratio Lower Upper
142 100
141 89.2 73.6 110.4





#37

1-Methylnaphthalene

Concen: 32.112 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

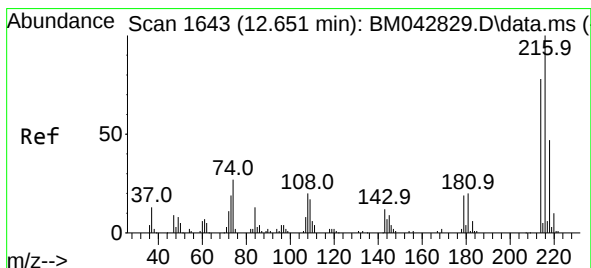
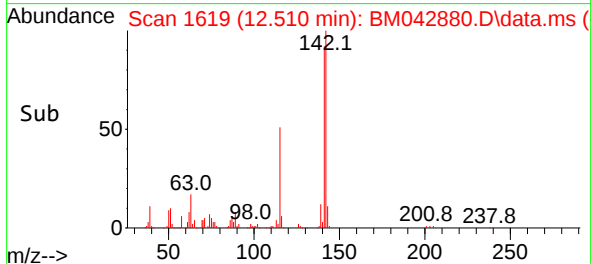
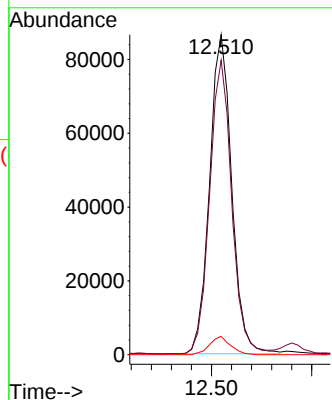
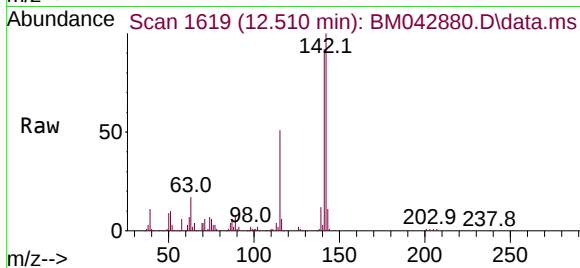
Tgt Ion:142 Resp: 132709

Ion Ratio Lower Upper

142 100

141 92.0 73.3 109.9

116 5.8 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.061 ng/ul

RT: 12.639 min Scan# 1641

Delta R.T. -0.018 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Tgt Ion:216 Resp: 83337

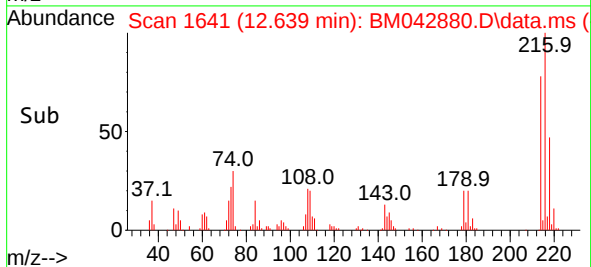
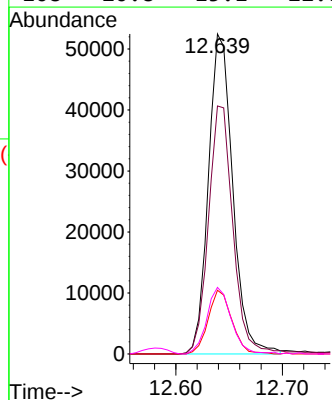
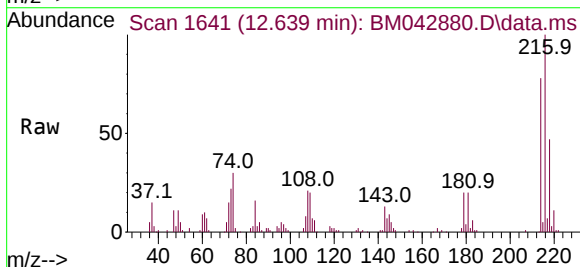
Ion Ratio Lower Upper

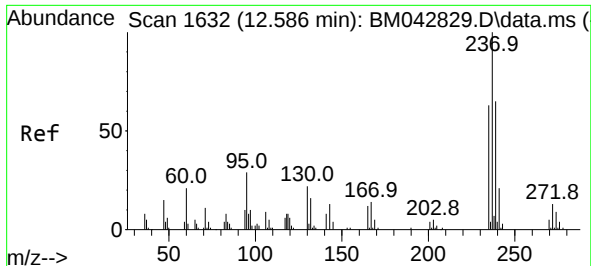
216 100

214 77.5 64.1 96.1

179 19.9 15.5 23.3

108 20.8 15.1 22.7

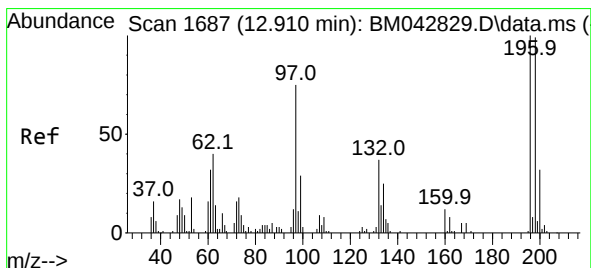
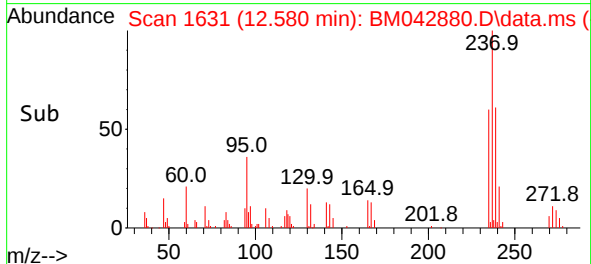
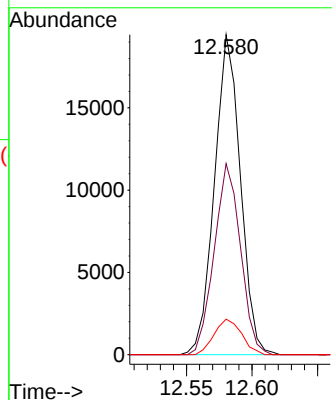
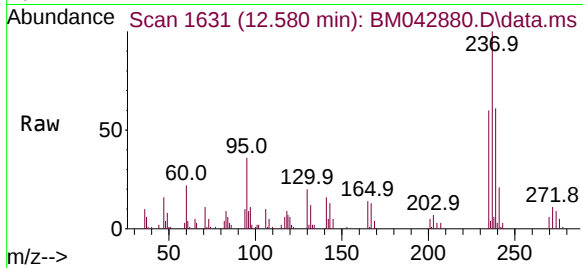




#40
Hexachlorocyclopentadiene
Concen: 23.056 ng/ul
RT: 12.580 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

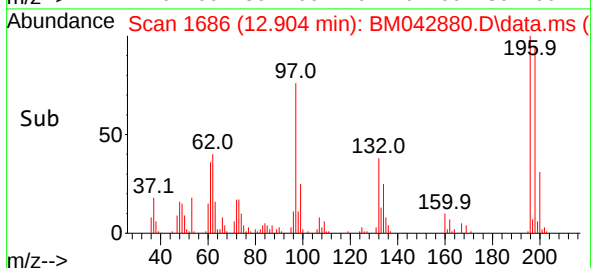
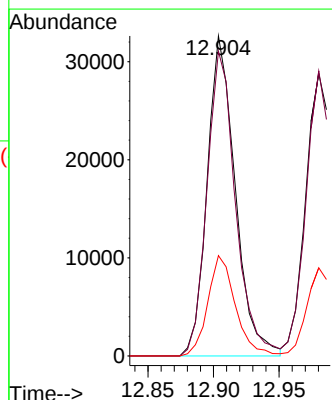
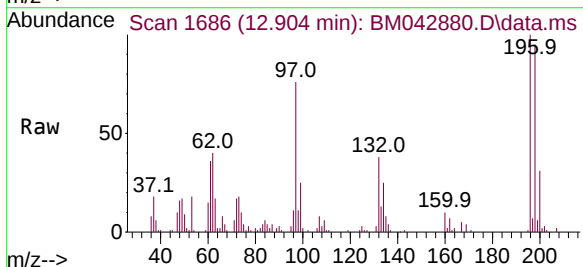
Instrument :
BNA_M
ClientSampleId :

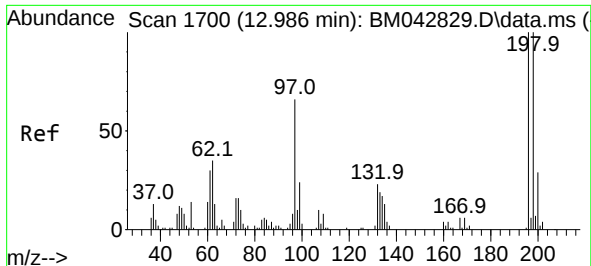
Tgt Ion:237 Resp: 26707
Ion Ratio Lower Upper
237 100
235 59.7 53.3 79.9
272 11.1 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 32.593 ng/ul
RT: 12.904 min Scan# 1686
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

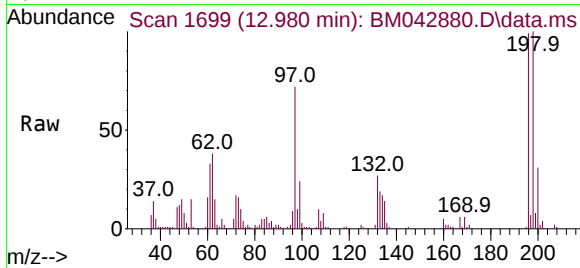
Tgt Ion:196 Resp: 48710
Ion Ratio Lower Upper
196 100
198 95.3 81.0 121.4
200 31.4 24.1 36.1



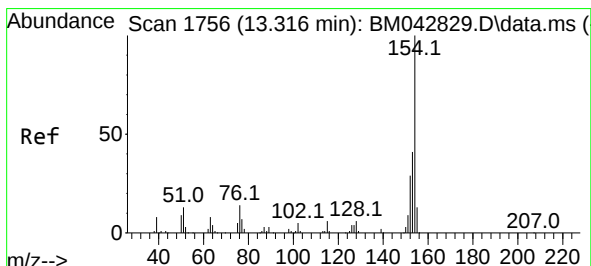
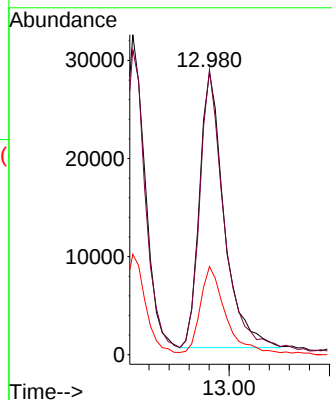
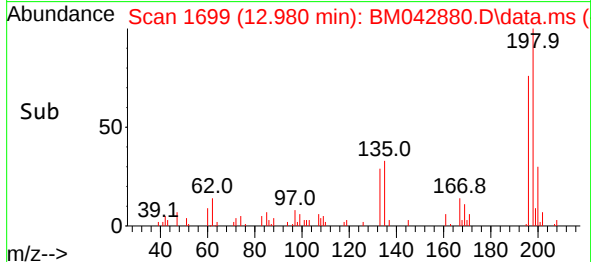


#42
2,4,5-Trichlorophenol
Concen: 33.330 ng/ul
RT: 12.980 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Instrument :
BNA_M
ClientSampleId :

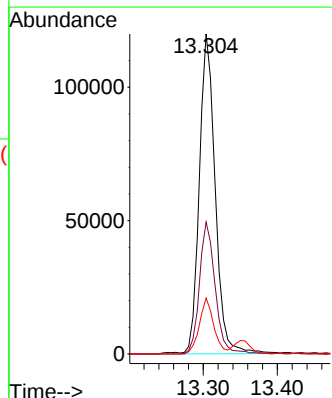
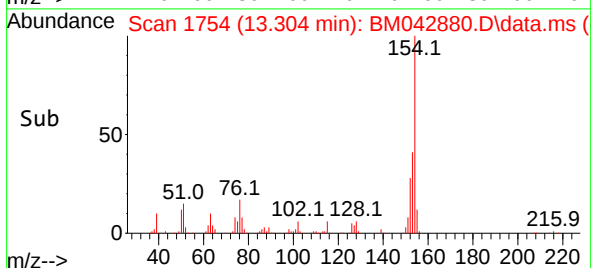
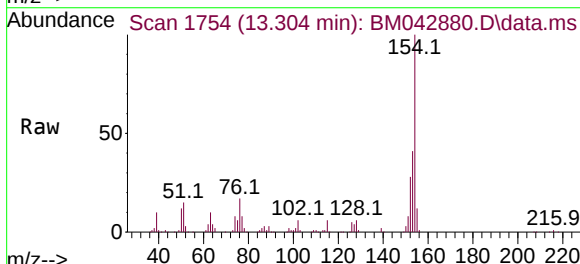


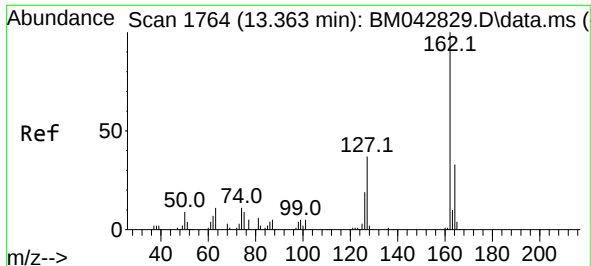
Tgt Ion:196 Resp: 48099
Ion Ratio Lower Upper
196 100
198 100.9 77.4 116.0
200 31.2 26.2 39.4



#43
1,1'-Biphenyl
Concen: 34.320 ng/ul
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:154 Resp: 178563
Ion Ratio Lower Upper
154 100
153 41.2 32.4 48.6
76 17.4 10.7 16.1#

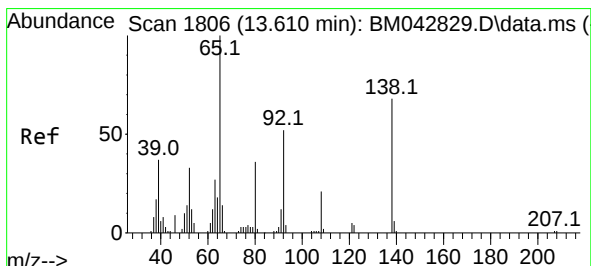
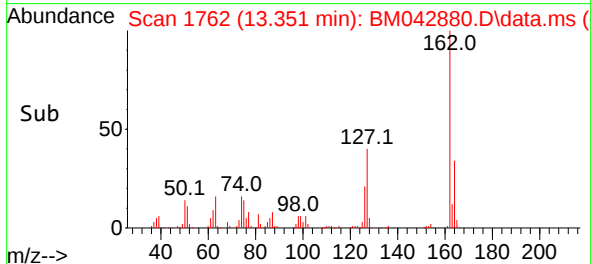
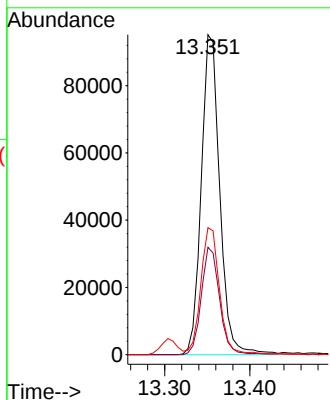
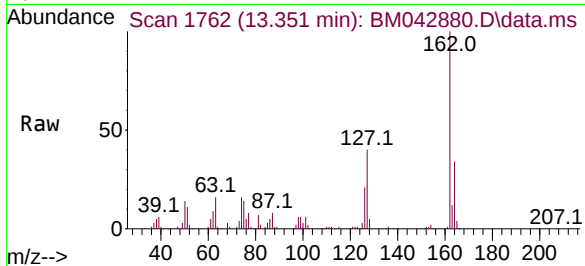




#44
2-Chloronaphthalene
Concen: 34.350 ng/ul
RT: 13.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

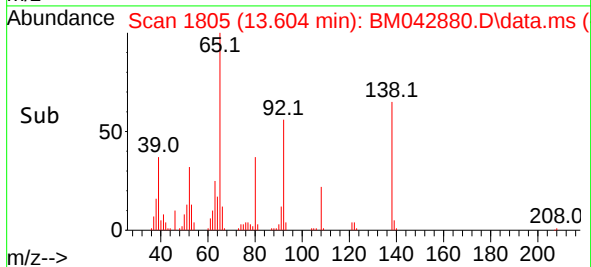
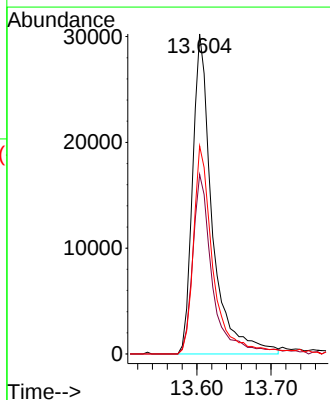
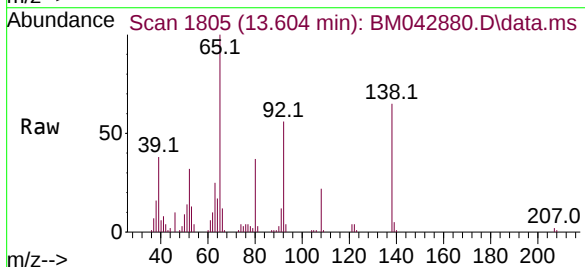
Instrument :
BNA_M
ClientSampleId :

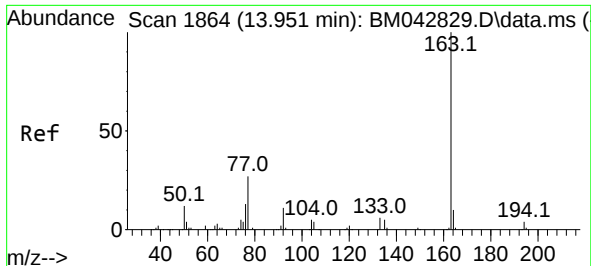
Tgt Ion:162 Resp: 143775
Ion Ratio Lower Upper
162 100
164 33.5 24.2 36.2
127 39.7 30.8 46.2



#45
2-Nitroaniline
Concen: 40.873 ng/ul
RT: 13.604 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion: 65 Resp: 55793
Ion Ratio Lower Upper
65 100
92 56.1 49.1 73.7
138 65.0 61.8 92.8

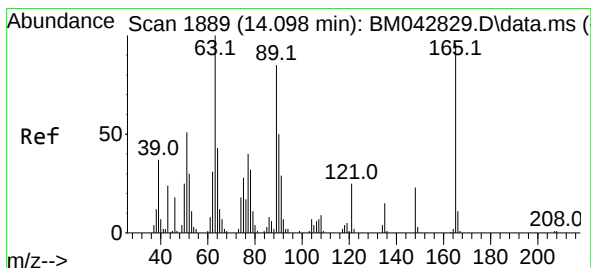
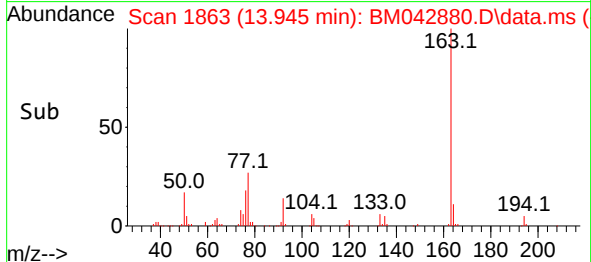
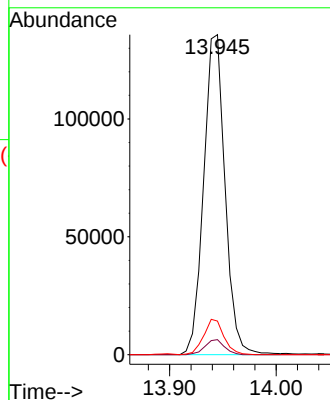
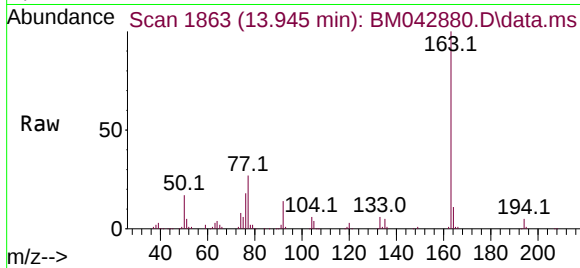




#47
Dimethylphthalate
Concen: 33.030 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

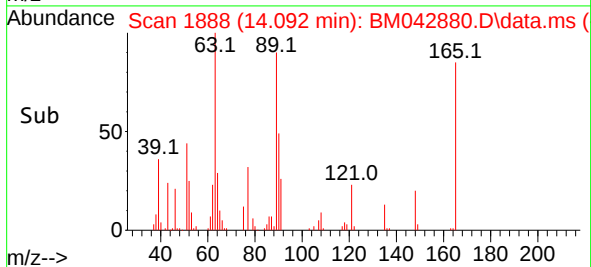
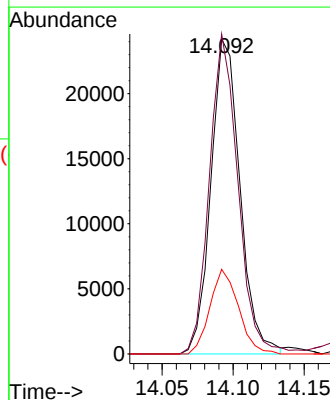
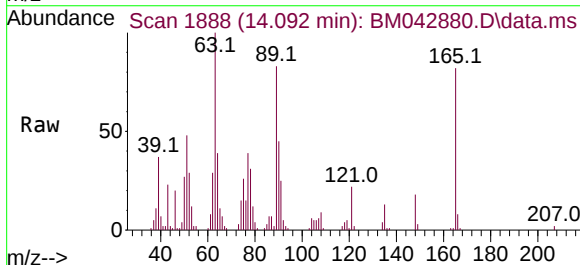
Instrument :
BNA_M
ClientSampleId :

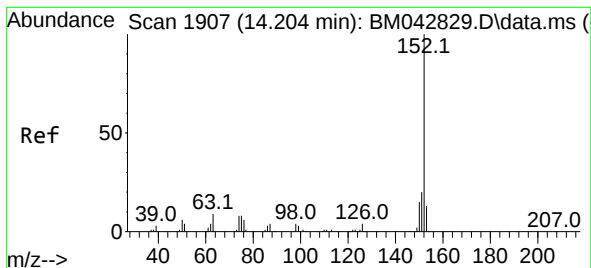
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	10.5	7.9	11.9



#48
2,6-Dinitrotoluene
Concen: 31.921 ng/ul
RT: 14.092 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion	Ratio	Lower	Upper
165	100		
89	101.6	64.1	96.1
121	26.8	18.4	27.6





#50

Acenaphthylene

Concen: 34.135 ng/ul

RT: 14.198 min Scan# 1906

Delta R.T. -0.018 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

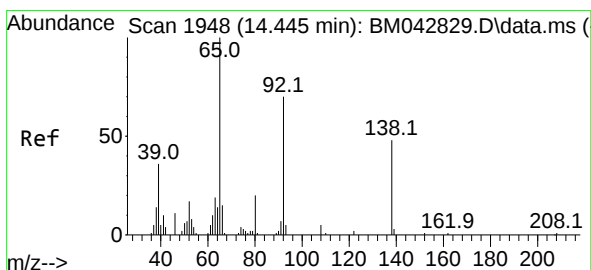
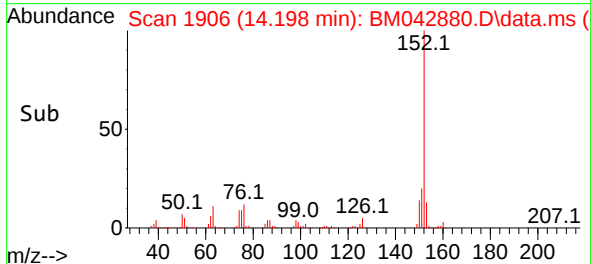
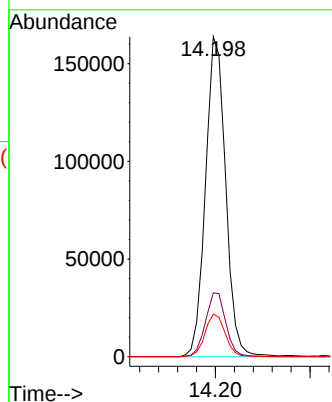
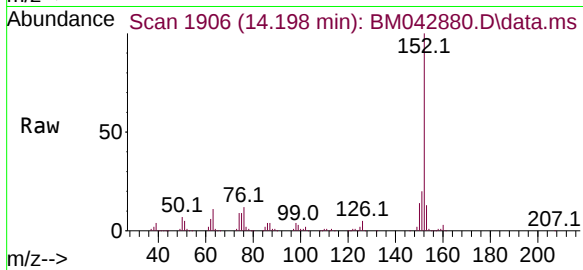
Tgt Ion:152 Resp: 241637

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.3 10.5 15.7



#51

3-Nitroaniline

Concen: 29.824 ng/ul

RT: 14.439 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

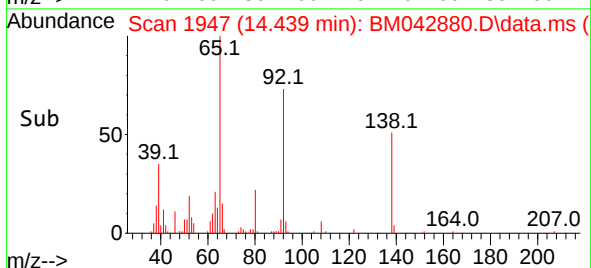
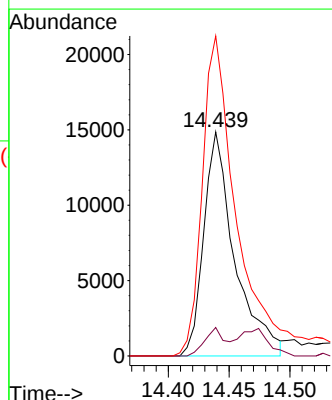
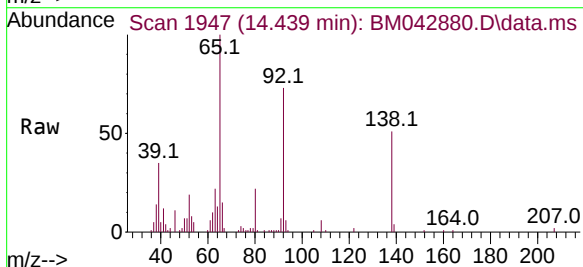
Tgt Ion:138 Resp: 26349

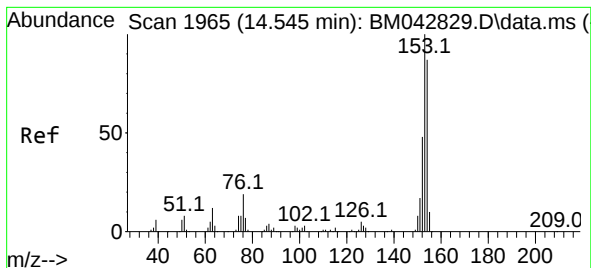
Ion Ratio Lower Upper

138 100

108 12.7 8.7 13.1

92 142.8 109.4 164.0





#52

Acenaphthene

Concen: 34.301 ng/ul

RT: 14.533 min Scan# 1963

Delta R.T. -0.018 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

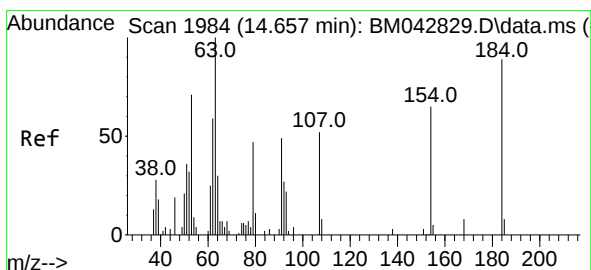
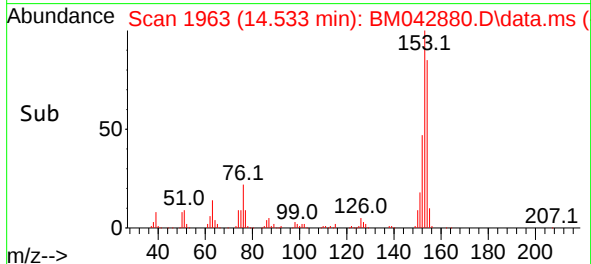
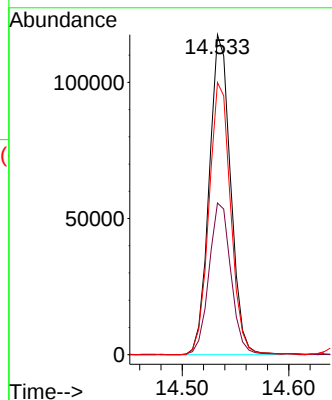
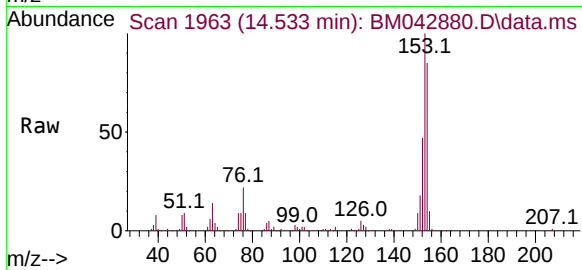
Tgt Ion:153 Resp: 164218

Ion Ratio Lower Upper

153 100

152 47.4 38.2 57.2

154 85.0 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 25.911 ng/ul

RT: 14.651 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

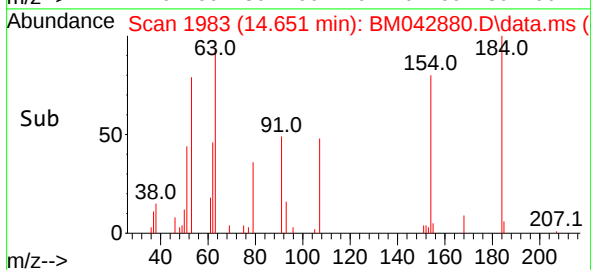
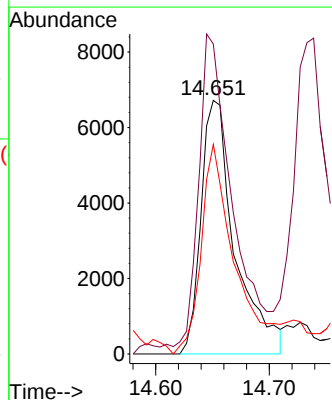
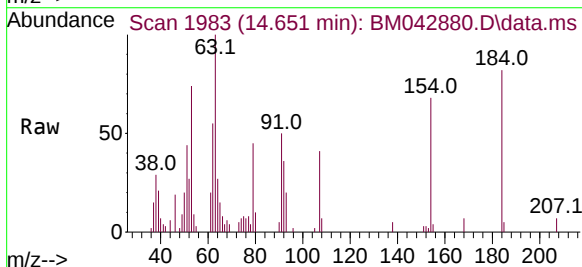
Tgt Ion:184 Resp: 13920

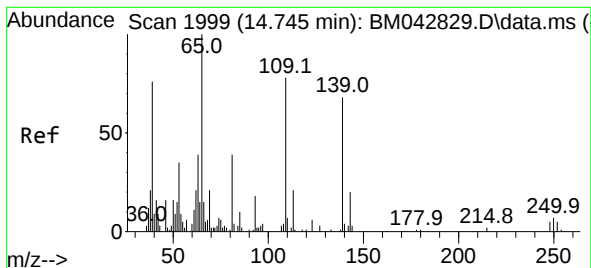
Ion Ratio Lower Upper

184 100

63 122.2 79.1 118.7#

154 82.7 65.7 98.5

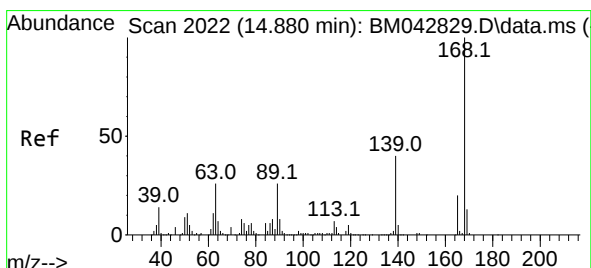
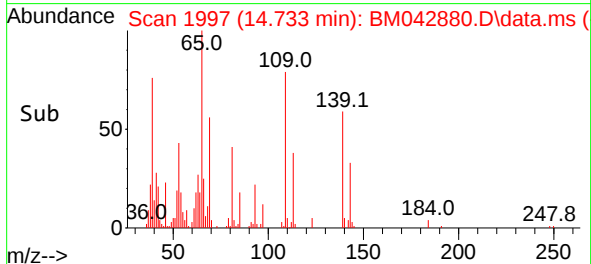
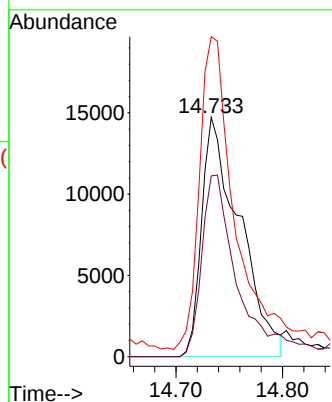
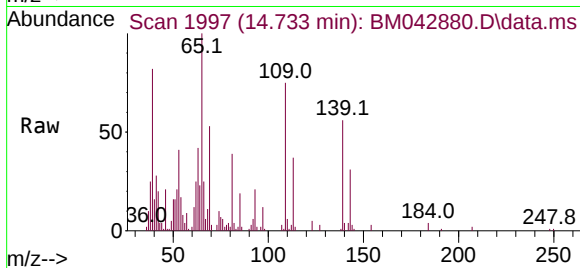




#55
4-Nitrophenol
Concen: 34.544 ng/ul
RT: 14.733 min Scan# 1997
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

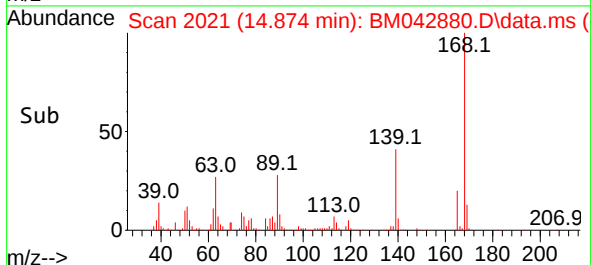
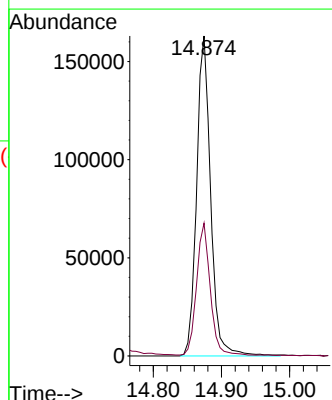
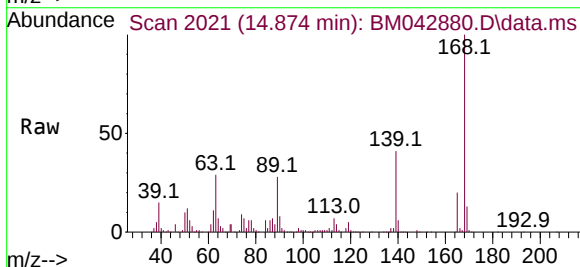
Instrument :
BNA_M
ClientSampleId :

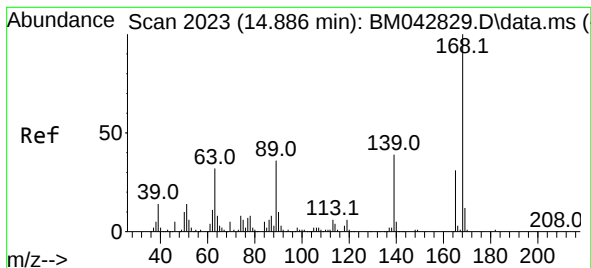
Tgt Ion:109 Resp: 36263
Ion Ratio Lower Upper
109 100
139 75.5 67.1 100.7
65 133.7 107.1 160.7



#56
Dibenzofuran
Concen: 35.048 ng/ul
RT: 14.874 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:168 Resp: 232887
Ion Ratio Lower Upper
168 100
139 41.5 30.8 46.2





#57

2,4-Dinitrotoluene

Concen: 35.484 ng/ul

RT: 14.880 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

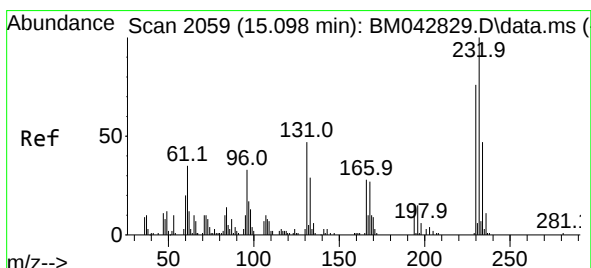
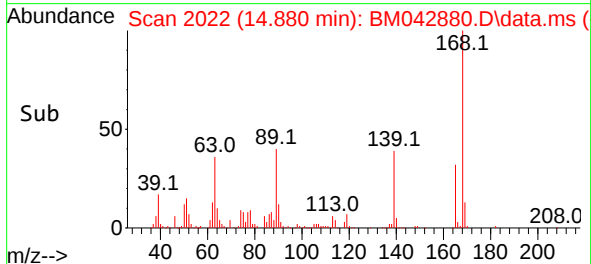
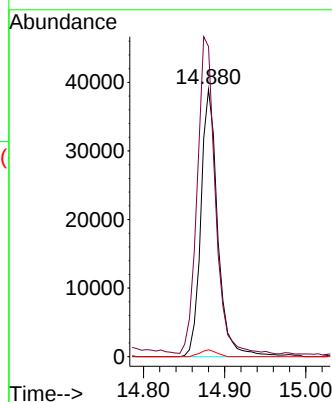
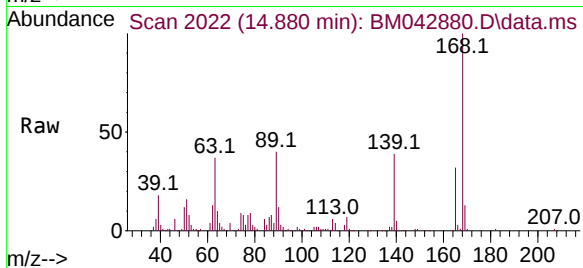
Tgt Ion:165 Resp: 56285

Ion Ratio Lower Upper

165 100

63 116.0 83.5 125.3

182 2.6 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.489 ng/ul

RT: 15.098 min Scan# 2059

Delta R.T. -0.006 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Tgt Ion:232 Resp: 48669

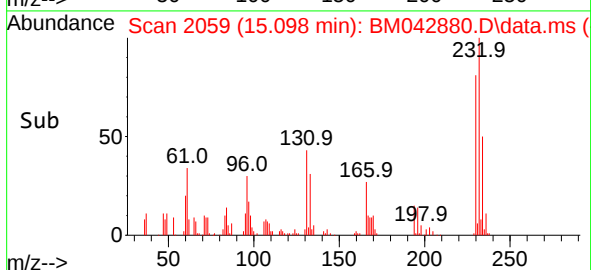
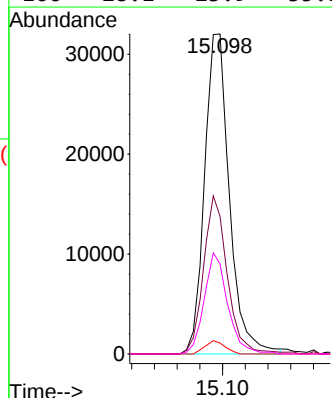
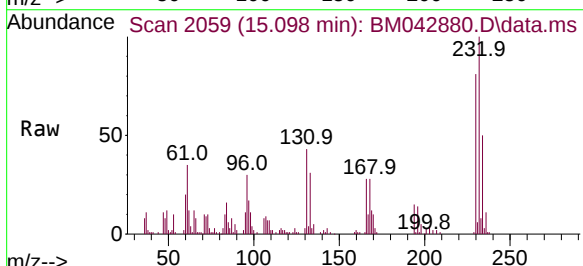
Ion Ratio Lower Upper

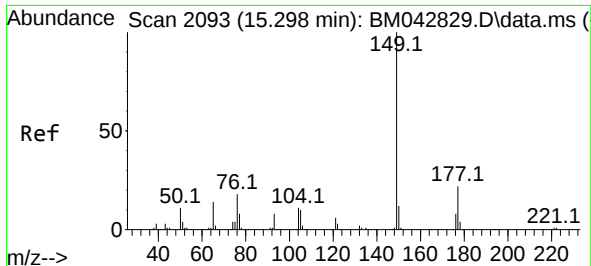
232 100

131 43.0 38.9 58.3

130 3.4 1.9 2.9#

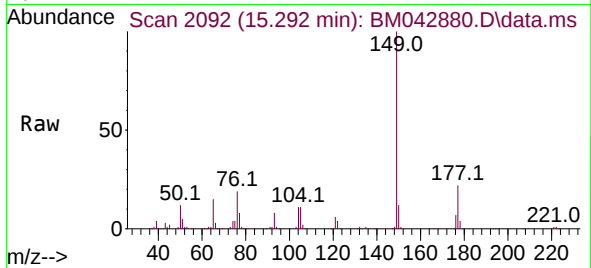
166 28.1 23.9 35.9



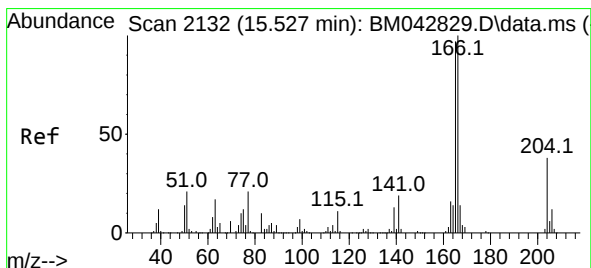
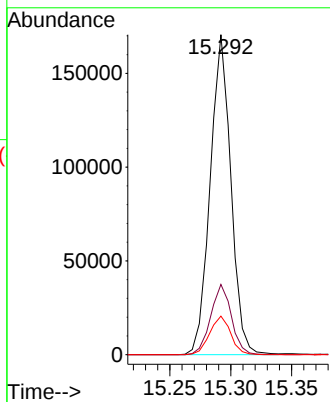
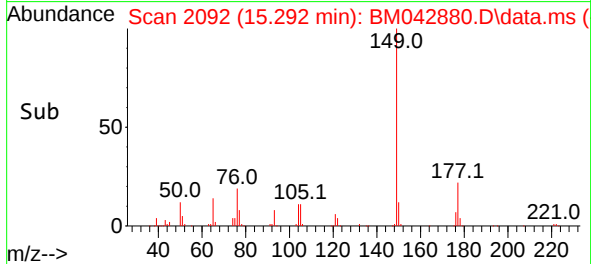


#59
Diethylphthalate
Concen: 33.422 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Instrument :
BNA_M
ClientSampleId :

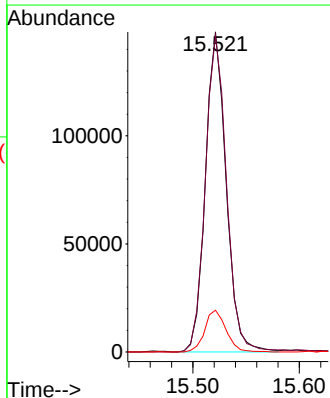
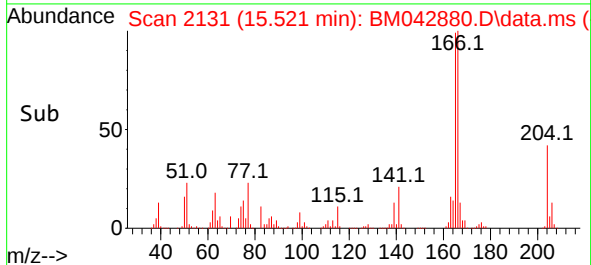
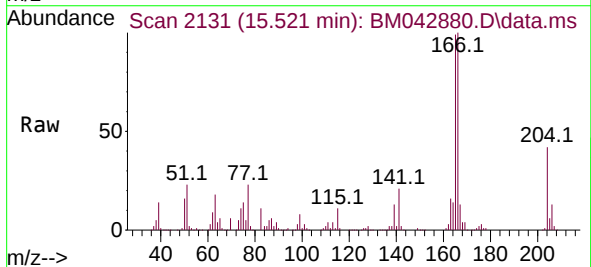


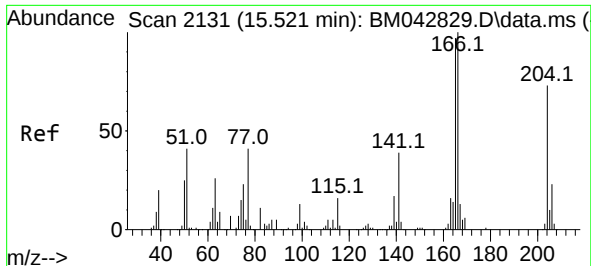
Tgt Ion:149 Resp: 201554
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.6
150 12.0 9.7 14.5



#61
Fluorene
Concen: 35.660 ng/ul
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:166 Resp: 201176
Ion Ratio Lower Upper
166 100
165 99.0 79.3 118.9
167 13.0 10.6 15.8

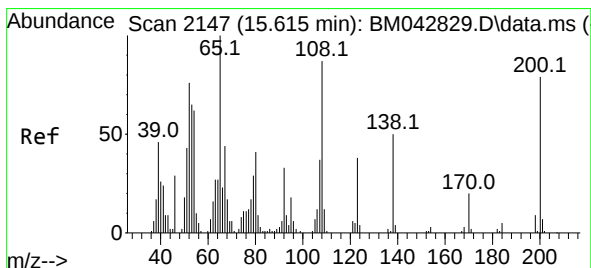
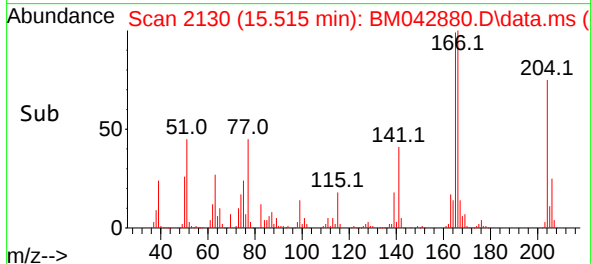
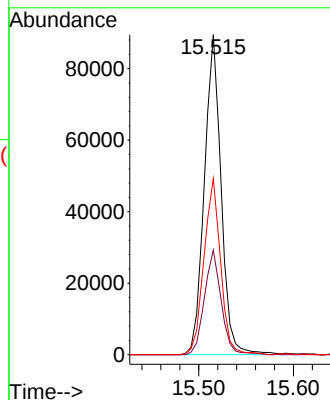
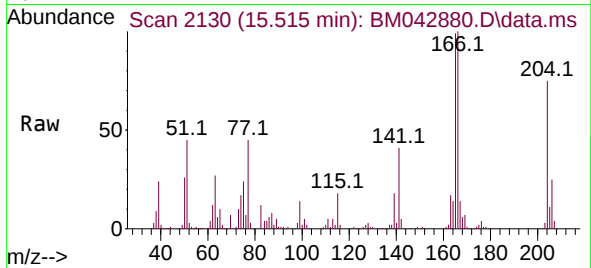




#62
4-Chlorophenyl-phenylether
Concen: 36.268 ng/ul
RT: 15.515 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

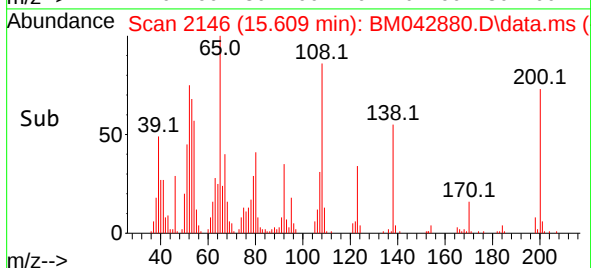
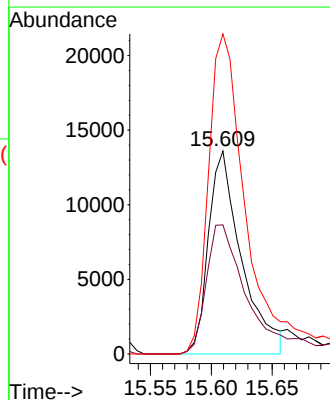
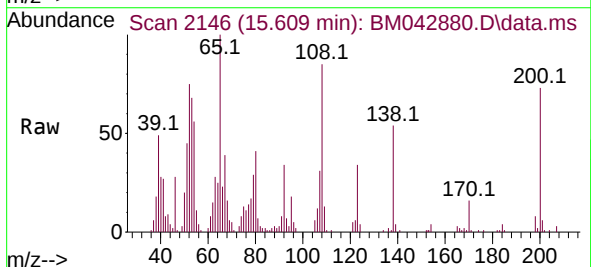
Instrument :
BNA_M
ClientSampleId :

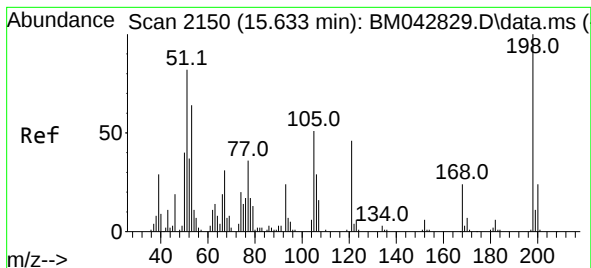
Tgt Ion:204 Resp: 110269
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 55.1 46.0 69.0



#63
4-Nitroaniline
Concen: 31.967 ng/ul
RT: 15.609 min Scan# 2146
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:138 Resp: 25748
Ion Ratio Lower Upper
138 100
92 63.6 47.4 71.0
108 157.8 129.5 194.3

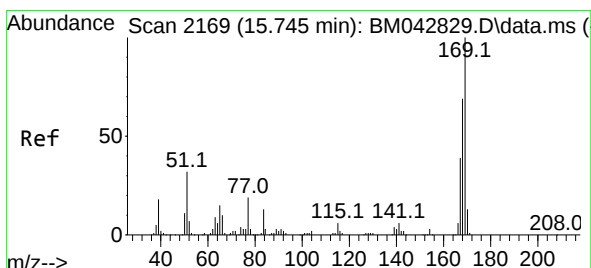
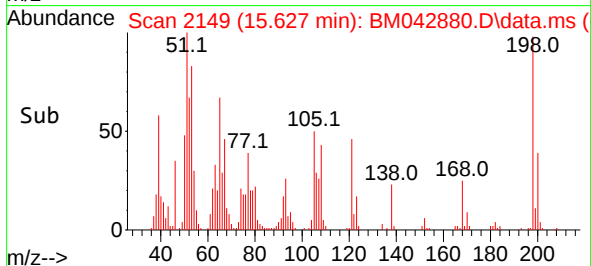
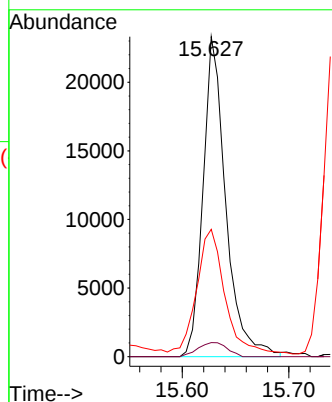
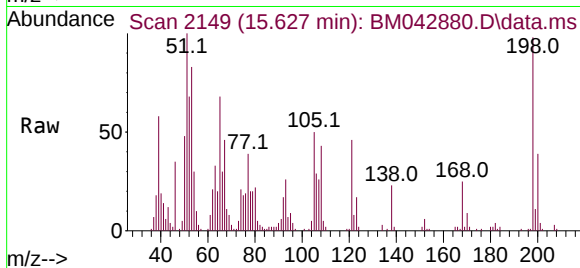




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.708 ng/ul
 RT: 15.627 min Scan# 2149
 Delta R.T. -0.012 min
 Lab File: BM042880.D
 Acq: 18 Nov 2023 13:39

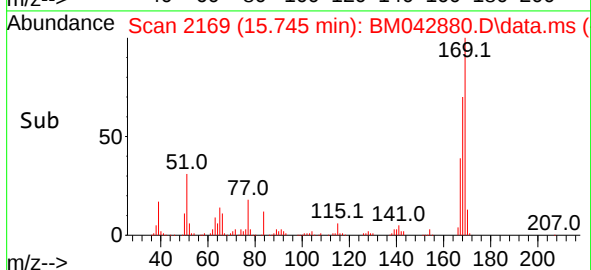
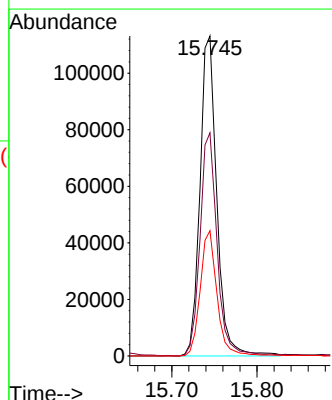
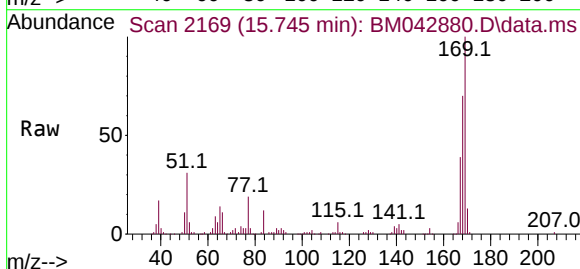
Instrument :
 BNA_M
 ClientSampleId :

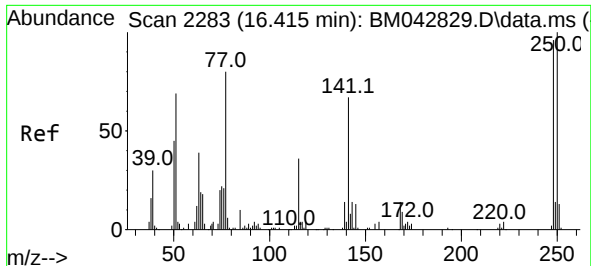
Tgt Ion:198 Resp: 34633
 Ion Ratio Lower Upper
 198 100
 182 4.4 3.4 5.0
 77 39.8 26.9 40.3



#67
 N-Nitrosodiphenylamine
 Concen: 33.834 ng/ul
 RT: 15.745 min Scan# 2169
 Delta R.T. -0.012 min
 Lab File: BM042880.D
 Acq: 18 Nov 2023 13:39

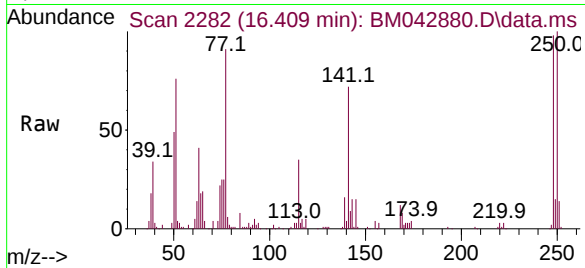
Tgt Ion:169 Resp: 155195
 Ion Ratio Lower Upper
 169 100
 168 69.8 55.8 83.6
 167 39.2 31.4 47.2



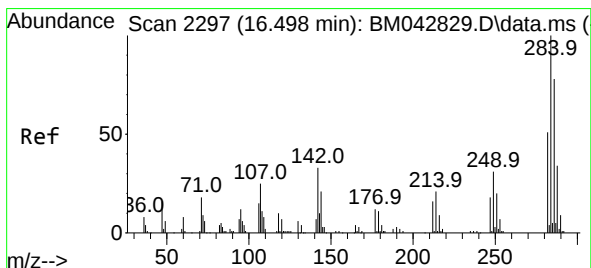
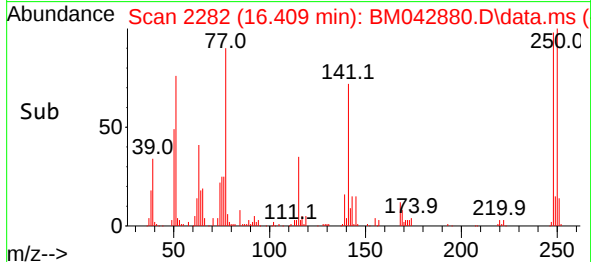
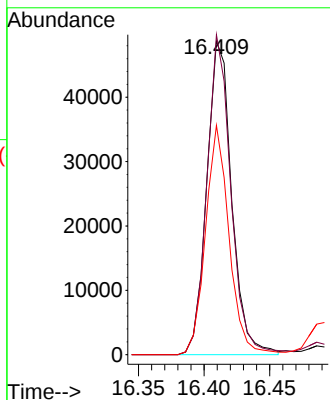


#68
4-Bromophenyl-phenylether
Concen: 33.133 ng/ul
RT: 16.409 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Instrument :
BNA_M
ClientSampleId :

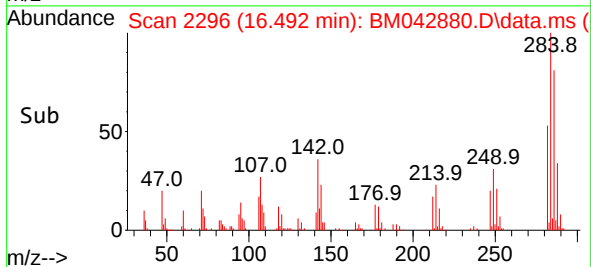
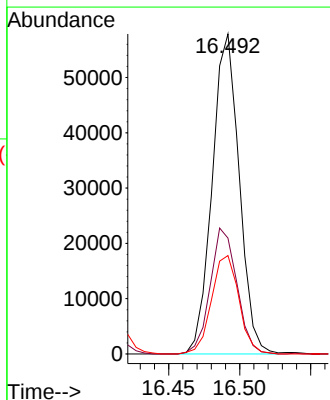
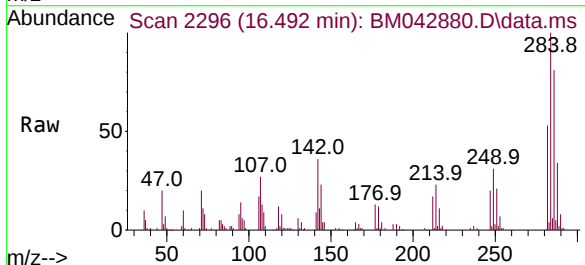


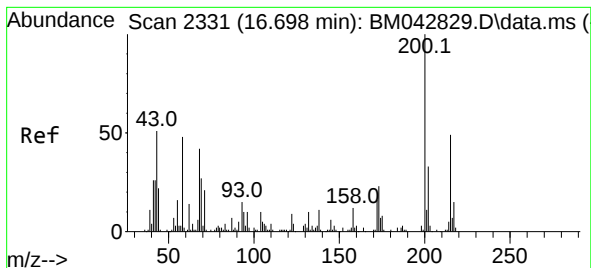
Tgt Ion:248 Resp: 64500
Ion Ratio Lower Upper
248 100
250 102.0 84.3 126.5
141 73.1 60.1 90.1



#69
Hexachlorobenzene
Concen: 32.231 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:284 Resp: 76703
Ion Ratio Lower Upper
284 100
142 36.2 30.5 45.7
249 30.8 25.3 37.9





#70

Atrazine

Concen: 27.782 ng/ul

RT: 16.692 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

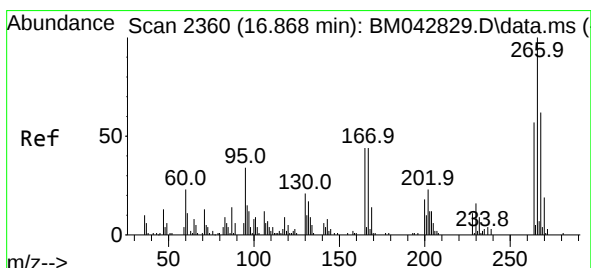
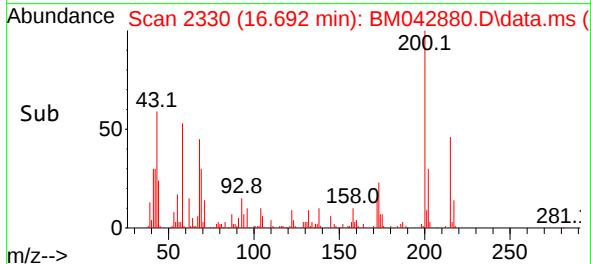
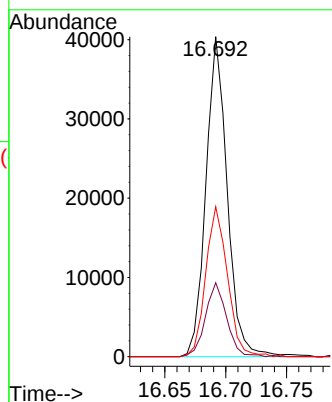
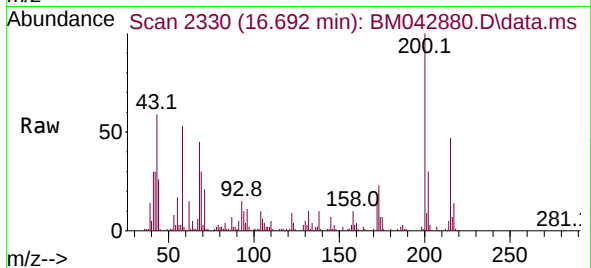
Tgt Ion:200 Resp: 49086

Ion Ratio Lower Upper

200 100

173 23.1 19.8 29.6

215 46.9 38.2 57.2



#71

Pentachlorophenol

Concen: 28.810 ng/ul

RT: 16.862 min Scan# 2359

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

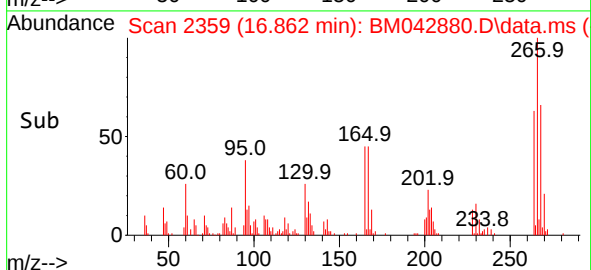
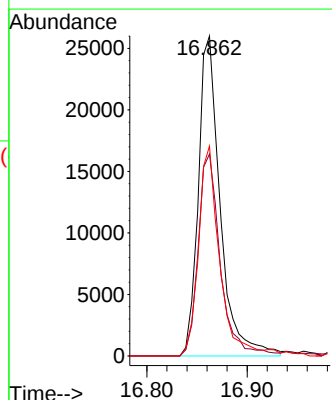
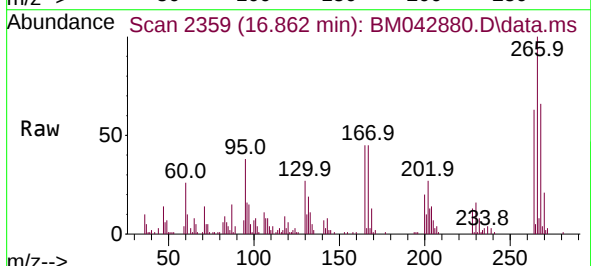
Tgt Ion:266 Resp: 39481

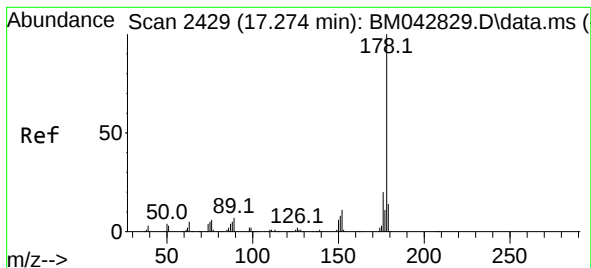
Ion Ratio Lower Upper

266 100

264 63.1 50.3 75.5

268 65.6 52.1 78.1





#72

Phenanthrene

Concen: 35.233 ng/u1

RT: 17.268 min Scan# 2429

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

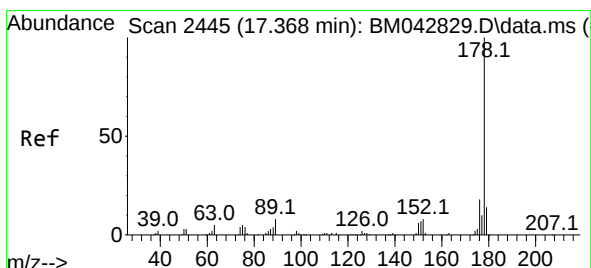
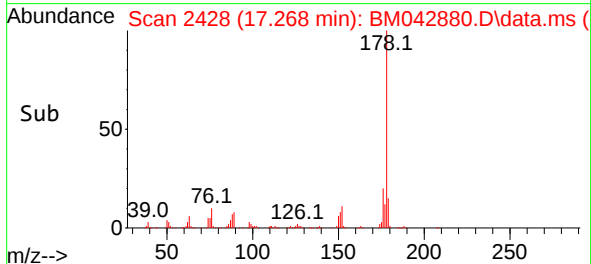
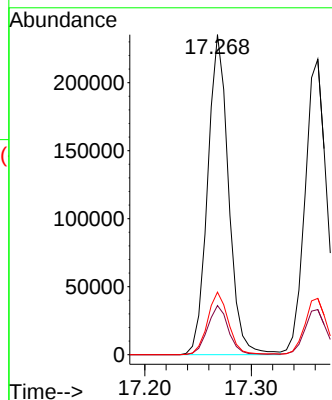
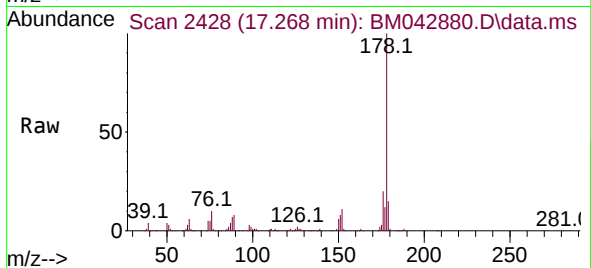
Tgt Ion:178 Resp: 321907

Ion Ratio Lower Upper

178 100

179 15.4 11.4 17.2

176 19.6 15.5 23.3



#74

Anthracene

Concen: 34.906 ng/u1

RT: 17.362 min Scan# 2444

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

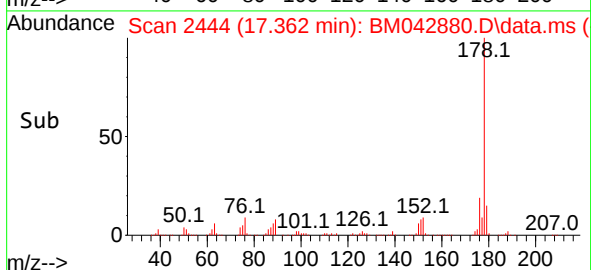
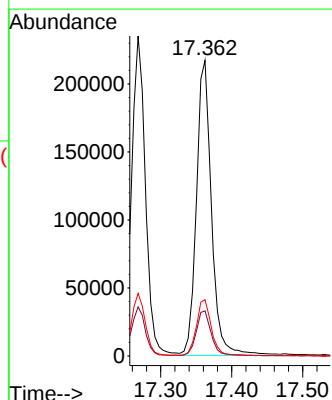
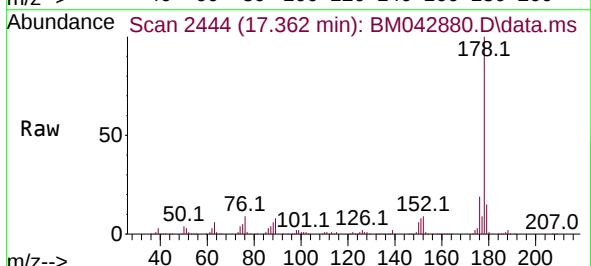
Tgt Ion:178 Resp: 320782

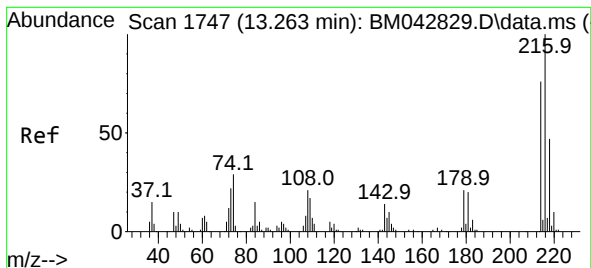
Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

176 19.1 15.7 23.5

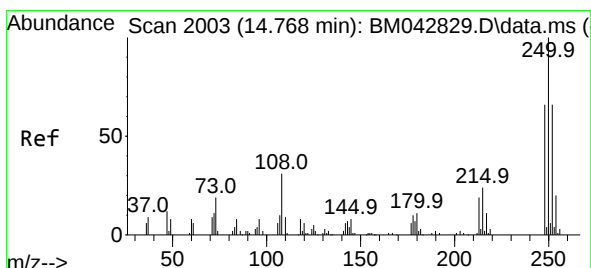
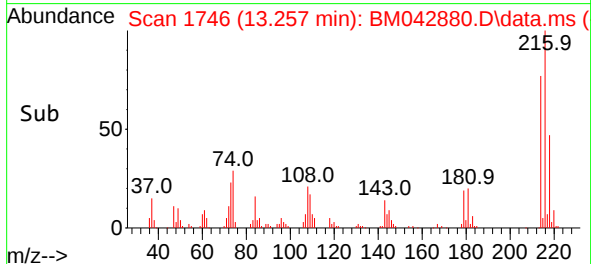
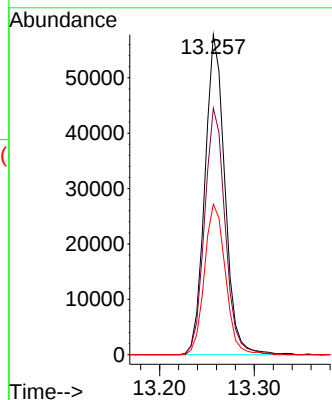
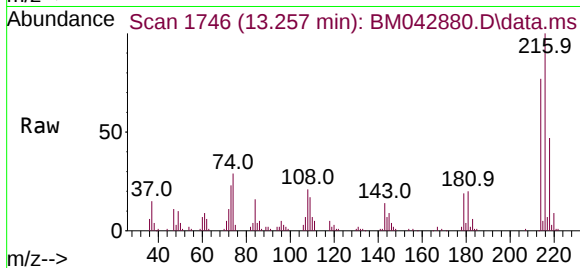




#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.692 ng/uL
RT: 13.257 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

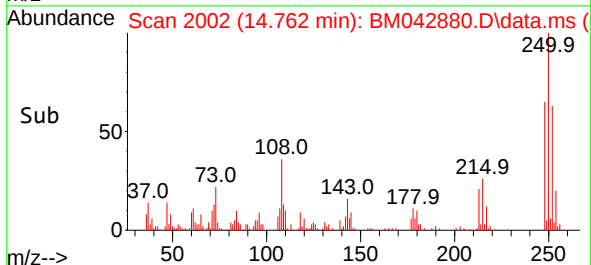
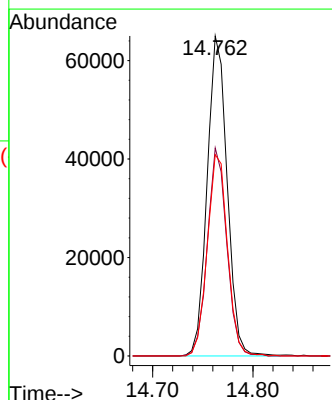
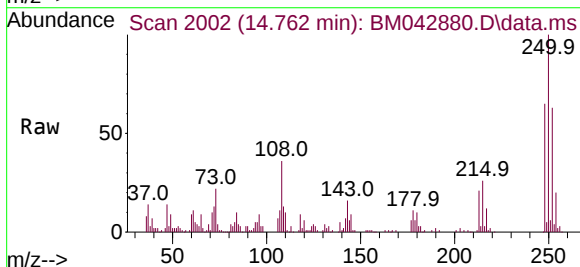
Instrument :
BNA_M
ClientSampleId :

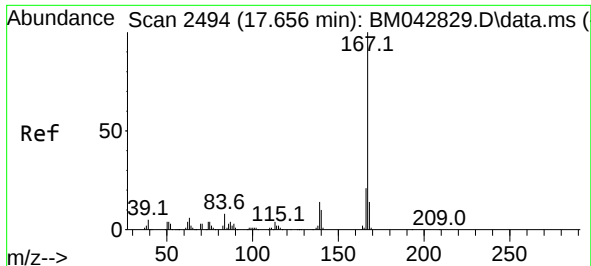
Tgt Ion:216 Resp: 84541
Ion Ratio Lower Upper
216 100
214 77.0 62.6 94.0
218 47.0 39.3 58.9



#76
Pentachlorobenzene
Concen: 33.259 ng/uL
RT: 14.762 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

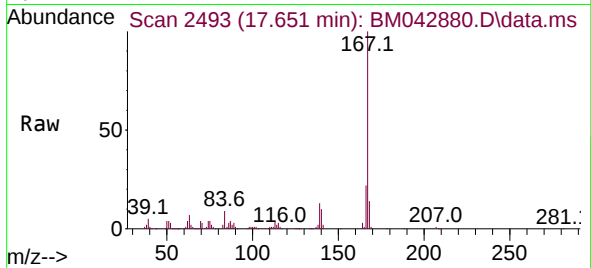
Tgt Ion:250 Resp: 90245
Ion Ratio Lower Upper
250 100
248 65.0 51.0 76.6
252 62.9 51.8 77.8



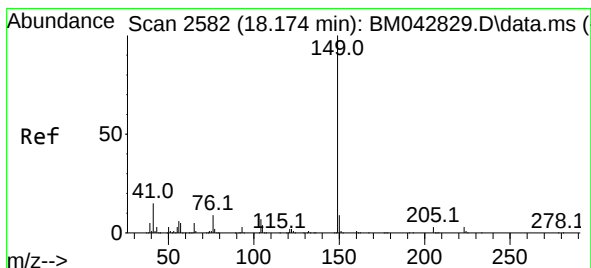
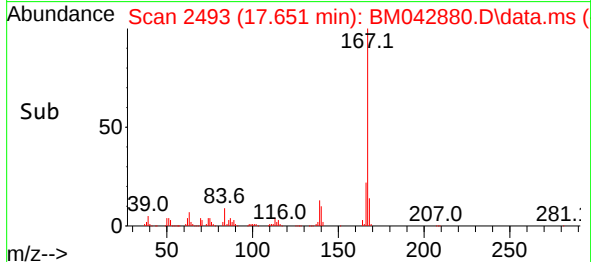
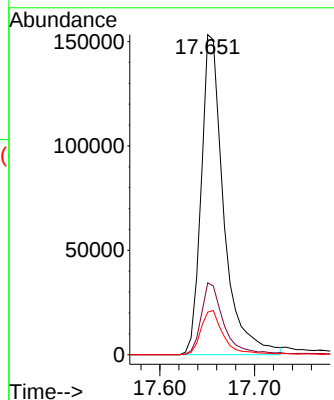


#77
 Carbazole
 Concen: 33.418 ng/ul
 RT: 17.651 min Scan# 2493
 Delta R.T. -0.012 min
 Lab File: BM042880.D
 Acq: 18 Nov 2023 13:39

Instrument :
 BNA_M
 ClientSampleId :

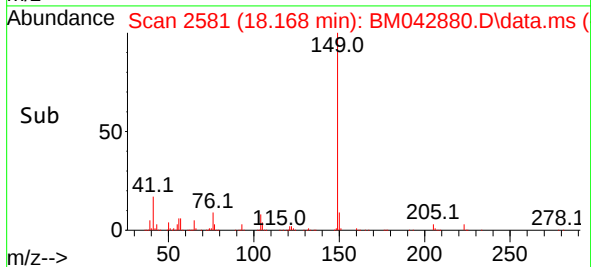
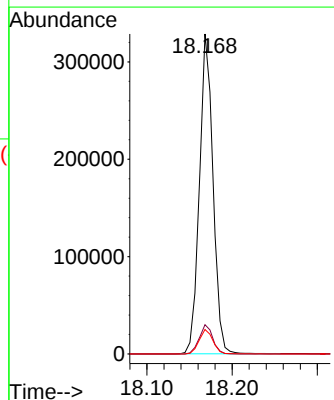
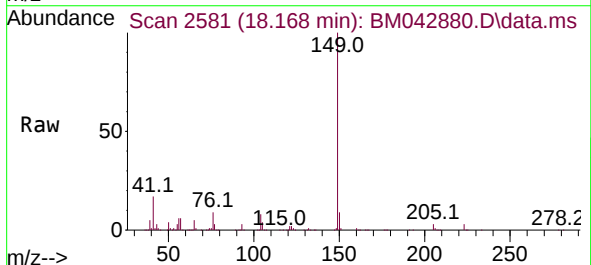


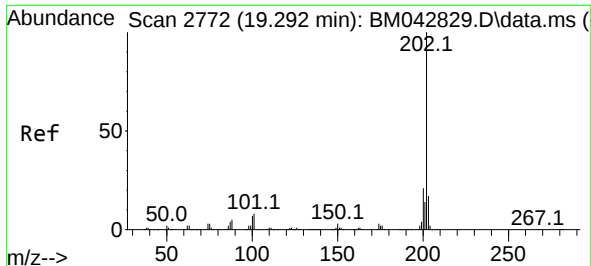
Tgt Ion:167 Resp: 253585
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 13.3 10.8 16.2



#78
 Di-n-butylphthalate
 Concen: 32.801 ng/ul
 RT: 18.168 min Scan# 2581
 Delta R.T. -0.012 min
 Lab File: BM042880.D
 Acq: 18 Nov 2023 13:39

Tgt Ion:149 Resp: 363976
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 7.7 5.3 7.9

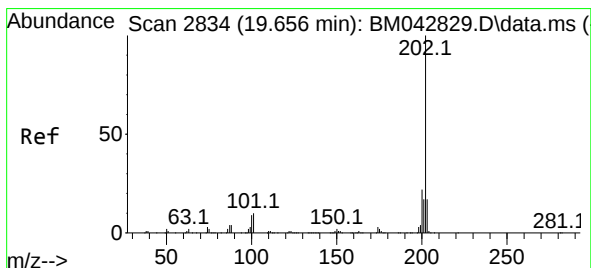
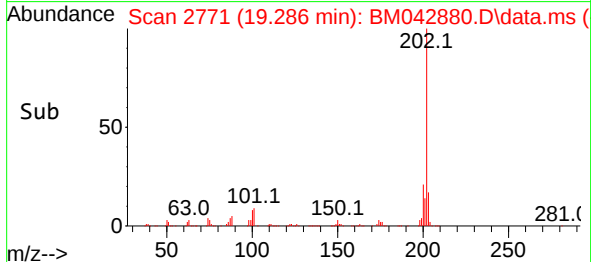
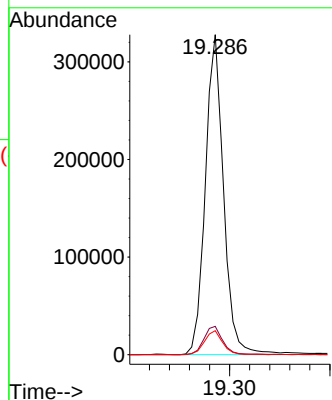
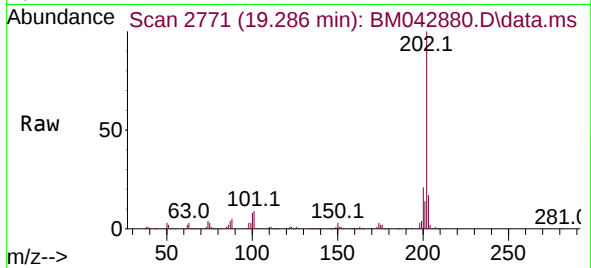




#80
 Fluoranthene
 Concen: 30.748 ng/ul
 RT: 19.286 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM042880.D
 Acq: 18 Nov 2023 13:39

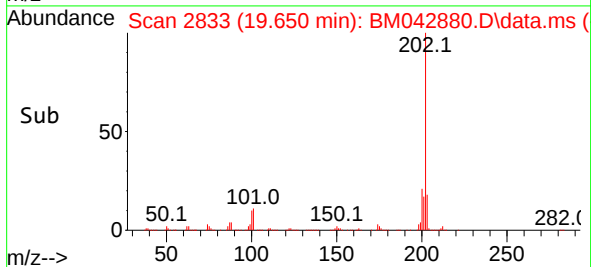
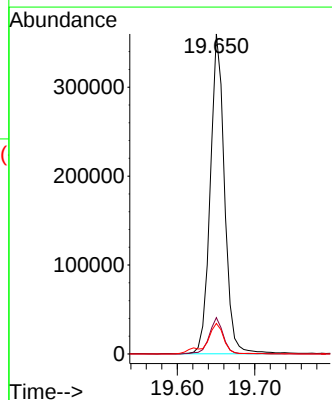
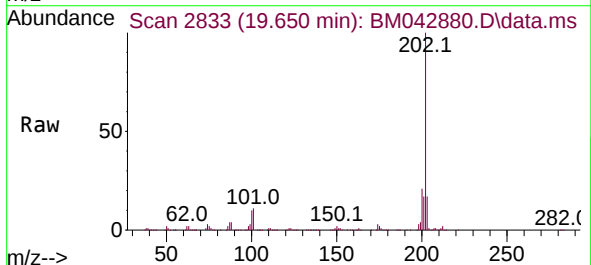
Instrument :
 BNA_M
 ClientSampleId :

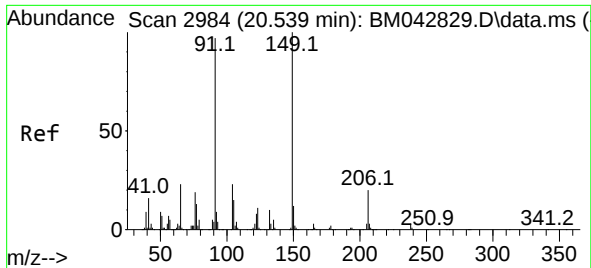
Tgt Ion:202 Resp: 413052
 Ion Ratio Lower Upper
 202 100
 101 8.9 6.6 9.8
 100 7.5 5.6 8.4



#82
 Pyrene
 Concen: 32.231 ng/ul
 RT: 19.650 min Scan# 2833
 Delta R.T. -0.012 min
 Lab File: BM042880.D
 Acq: 18 Nov 2023 13:39

Tgt Ion:202 Resp: 459088
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.1 12.1
 100 9.6 6.9 10.3

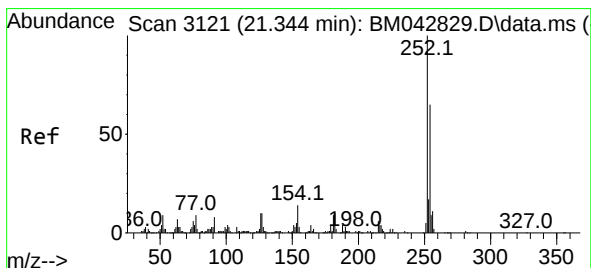
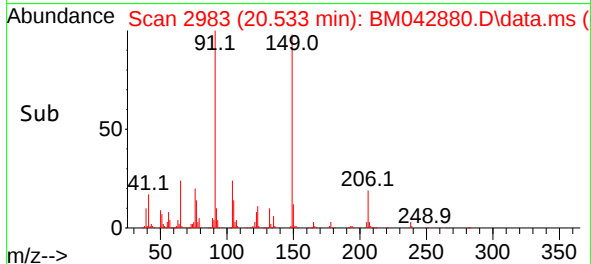
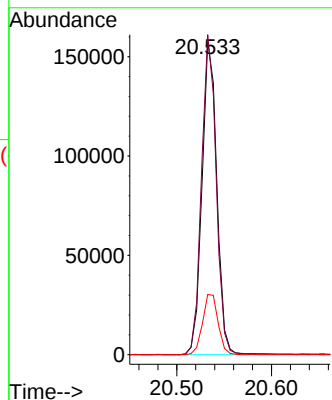
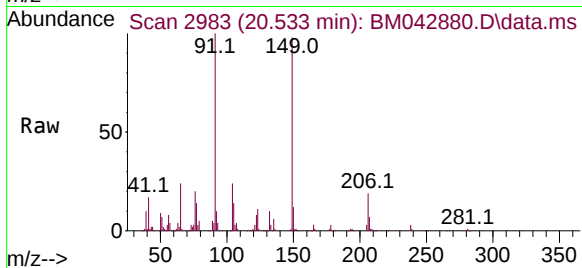




#83
Butylbenzylphthalate
Concen: 28.265 ng/ul
RT: 20.533 min Scan# 2983
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

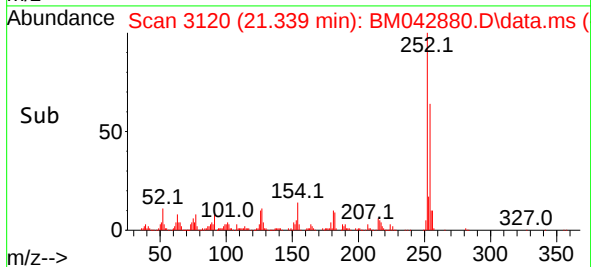
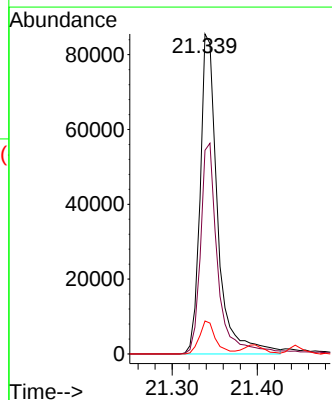
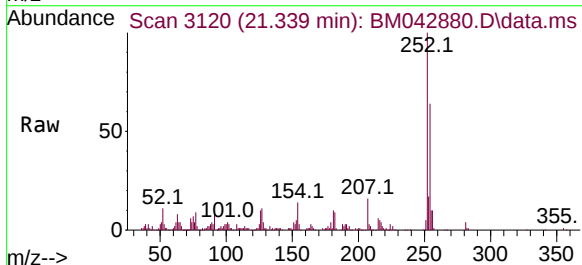
Instrument :
BNA_M
ClientSampleId :

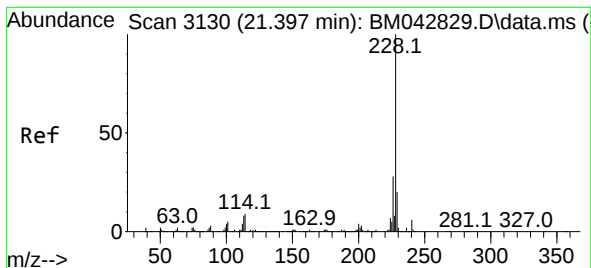
Tgt Ion:149 Resp: 171963
Ion Ratio Lower Upper
149 100
91 102.2 69.3 103.9
206 19.2 16.6 25.0



#84
3,3'-Dichlorobenzidine
Concen: 26.503 ng/ul
RT: 21.339 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:252 Resp: 122040
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.6
126 10.3 7.8 11.8





#85

Benzo(a)anthracene

Concen: 33.876 ng/ul

RT: 21.391 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

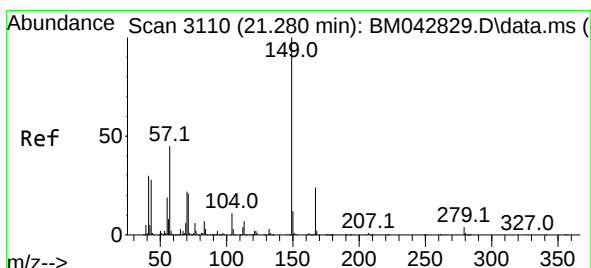
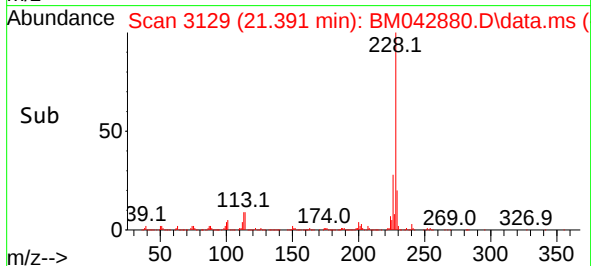
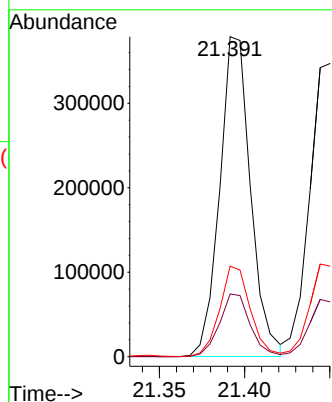
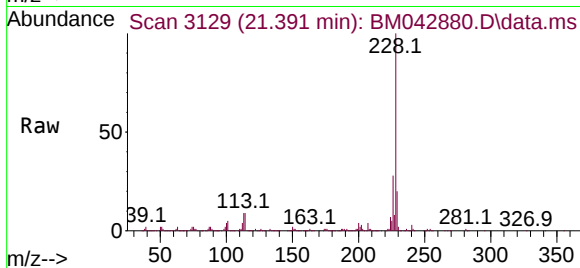
Tgt Ion:228 Resp: 478446

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 28.3 22.5 33.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.896 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

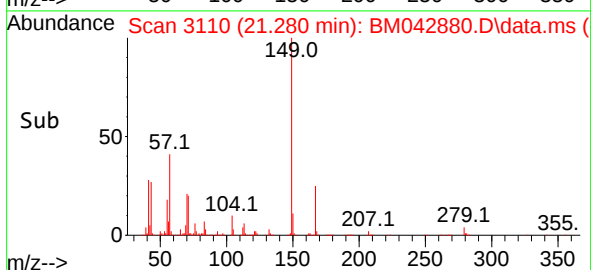
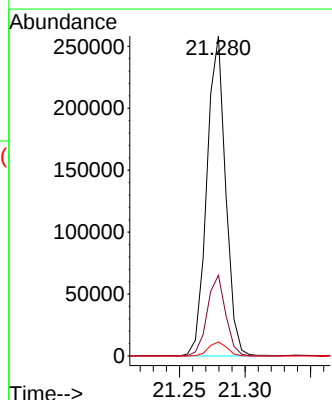
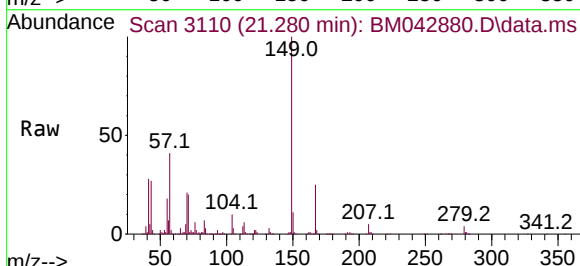
Tgt Ion:149 Resp: 257496

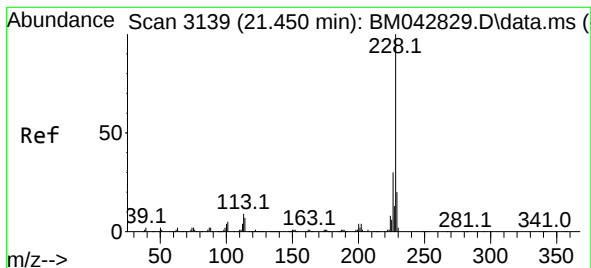
Ion Ratio Lower Upper

149 100

167 25.3 20.6 31.0

279 4.4 3.5 5.3





#87

Chrysene

Concen: 34.322 ng/ul

RT: 21.450 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

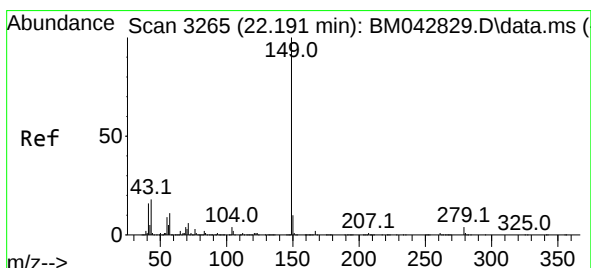
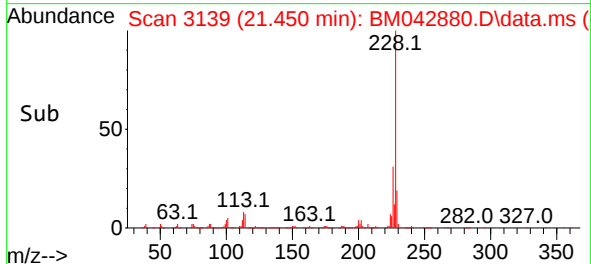
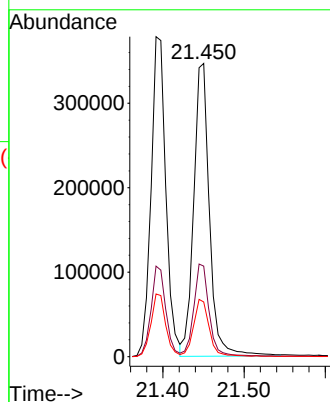
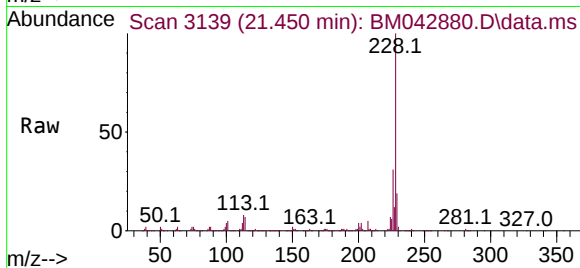
Tgt Ion:228 Resp: 470121

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 18.7 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 30.782 ng/ul

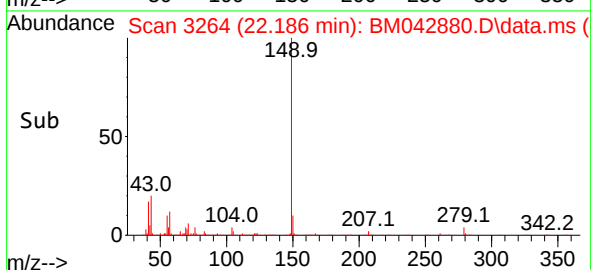
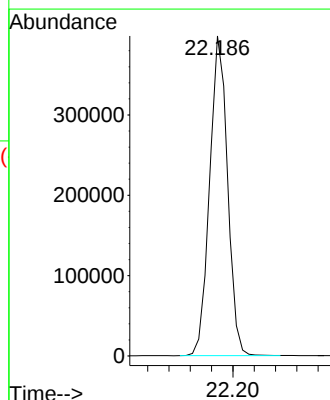
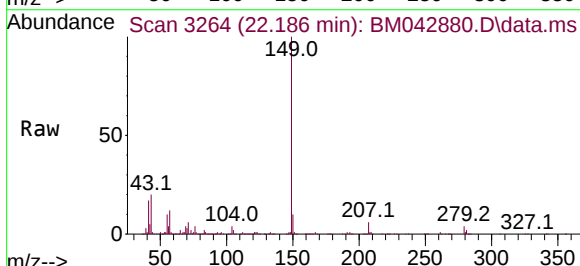
RT: 22.186 min Scan# 3264

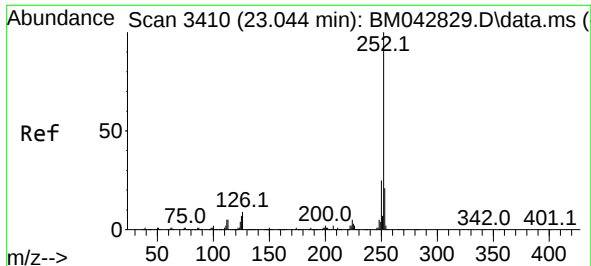
Delta R.T. -0.018 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Tgt Ion:149 Resp: 463510

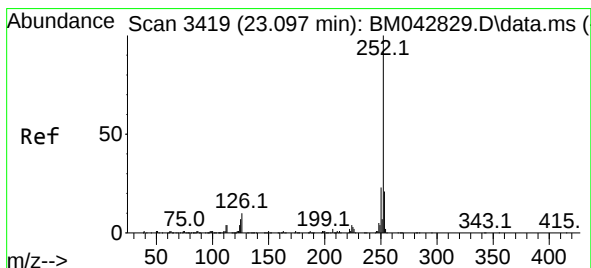
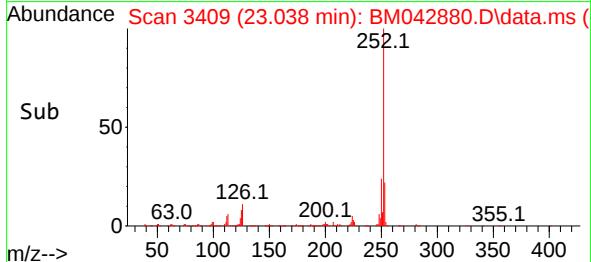
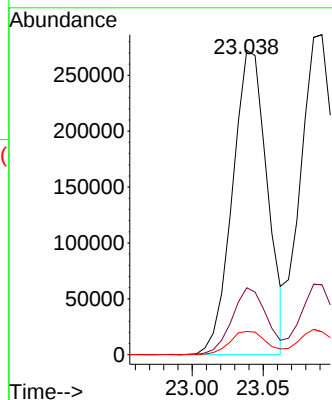
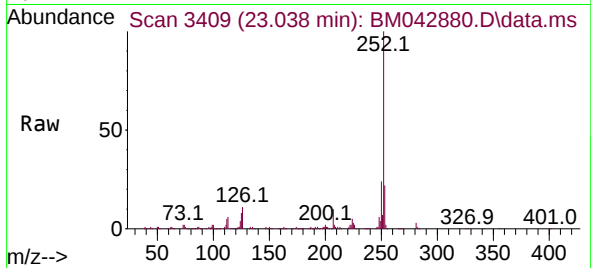




#90
Benzo(b)fluoranthene
Concen: 36.448 ng/ul
RT: 23.038 min Scan# 3410
Delta R.T. -0.018 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

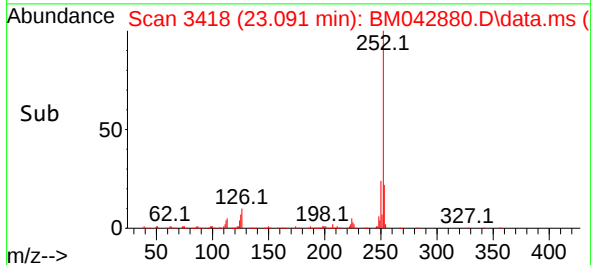
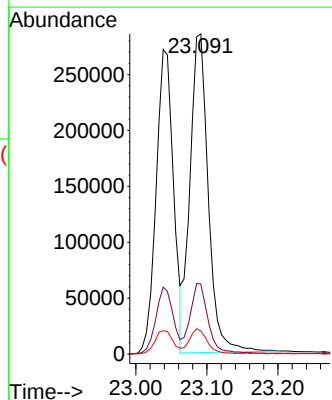
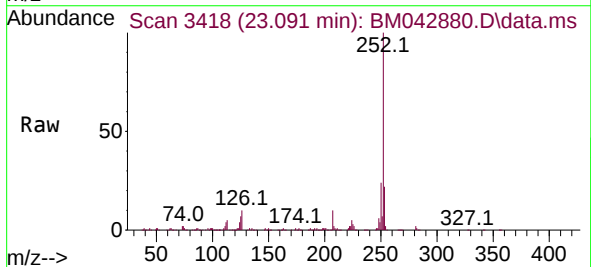
Instrument :
BNA_M
ClientSampleId :

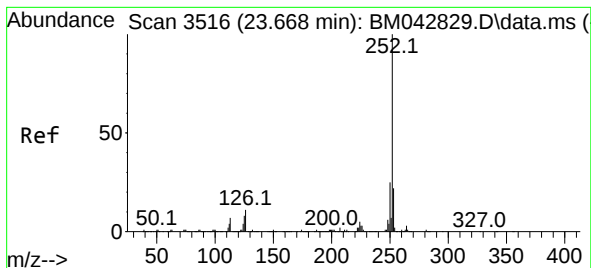
Tgt Ion:252 Resp: 463663
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 7.7 5.2 7.8



#91
Benzo(k)fluoranthene
Concen: 37.777 ng/ul
RT: 23.091 min Scan# 3418
Delta R.T. -0.012 min
Lab File: BM042880.D
Acq: 18 Nov 2023 13:39

Tgt Ion:252 Resp: 511573
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.2 5.5 8.3





#93

Benzo(a)pyrene

Concen: 37.102 ng/u1

RT: 23.662 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

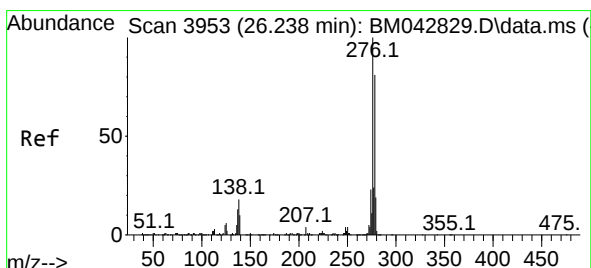
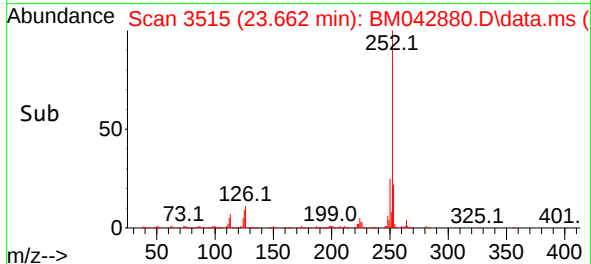
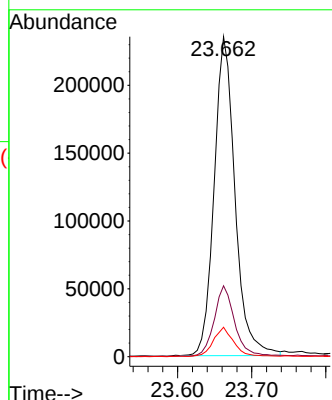
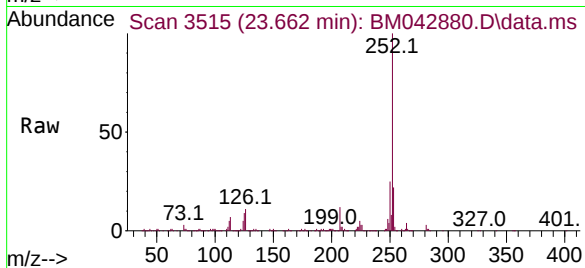
Tgt Ion:252 Resp: 459923

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 9.2 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.086 ng/u1

RT: 26.226 min Scan# 3951

Delta R.T. -0.018 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

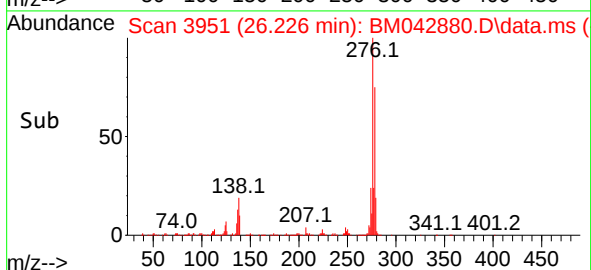
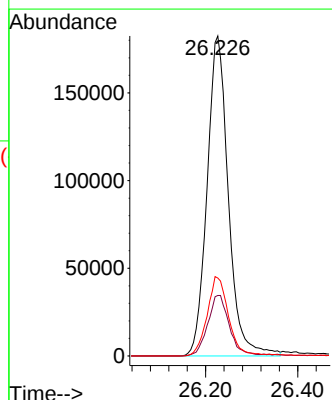
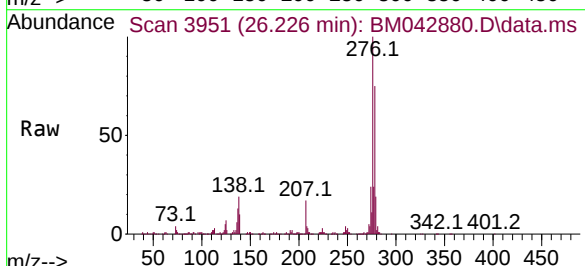
Tgt Ion:276 Resp: 586748

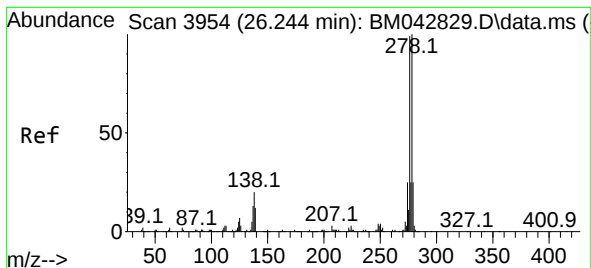
Ion Ratio Lower Upper

276 100

138 18.9 13.8 20.8

277 24.3 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 37.115 ng/ul

RT: 26.238 min Scan# 3953

Delta R.T. -0.024 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Instrument :

BNA_M

ClientSampleId :

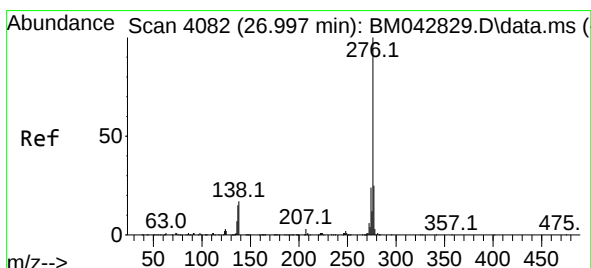
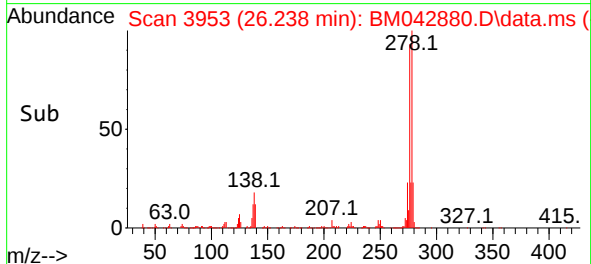
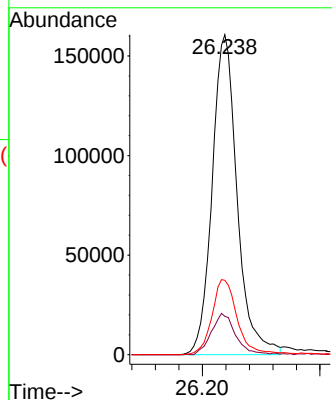
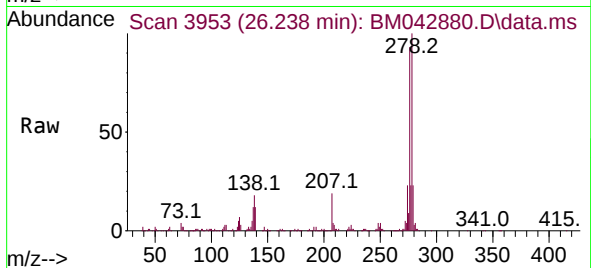
Tgt Ion:278 Resp: 474041

Ion Ratio Lower Upper

278 100

139 12.0 9.0 13.4

279 23.3 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 36.888 ng/ul

RT: 26.991 min Scan# 4081

Delta R.T. -0.030 min

Lab File: BM042880.D

Acq: 18 Nov 2023 13:39

Tgt Ion:276 Resp: 451271

Ion Ratio Lower Upper

276 100

138 17.2 13.0 19.6

277 23.9 18.4 27.6

