

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042888.D
 Acq On : 18 Nov 2023 19:09
 Operator : MA/JU
 Sample : 05370-12MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 22:09:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	18088	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	71437	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.468	164	46326	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	103618	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	121097	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	121231	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	3676	6.377	ng/uL	0.00
4) Pyridine-d5	3.616	84	21786	15.194	ng/u1	0.01
7) Phenol-d5	6.987	99	15054	8.551	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	66532	53.785	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	47789	35.181	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	28619	20.647	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	30553	48.782	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	32276	44.051	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	59313	43.537	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	67405	38.968	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	234208	53.418	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	237903	50.713	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	17557	35.443	ng/u1	0.04
60) Fluorene-d10	15.463	176	193886	53.402	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	39135	49.861	ng/u1	0.00
73) Anthracene-d10	17.327	188	324609	55.899	ng/u1	0.00
81) Pyrene-d10	19.621	212	437252	55.140	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	463238	63.881	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	4880	7.949	ng/uL#	89
5) Pyridine	3.634	79	26379	16.918	ng/u1	93
6) Benzaldehyde	6.981	77	55068	54.521	ng/u1	92
8) Phenol	7.016	94	17456	9.969	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.257	93	71774	49.621	ng/u1	91
12) 2-Chlorophenol	7.369	128	49835	36.865	ng/u1#	88
13) 2-Methylphenol	8.269	108	34806	26.655	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	80134	30.433	ng/u1	96
16) Acetophenone	8.663	105	110624	47.464	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.628	70	71132	50.135	ng/u1	88
18) 4-Methylphenol	8.598	108	31536	22.214	ng/u1	96
19) Hexachloroethane	8.863	117	32760	43.480	ng/u1	86
22) Nitrobenzene	9.057	77	102731	54.269	ng/u1	95
23) Isophorone	9.563	82	188754	50.064	ng/u1	97
25) 2-Nitrophenol	9.757	139	34327	46.113	ng/u1	90
26) 2,4-Dimethylphenol	9.798	107	51491	32.329	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.051	93	98609	51.758	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	58428	45.298	ng/u1	98
30) Naphthalene	10.675	128	209519	46.815	ng/u1	99
32) 4-Chloroaniline	10.828	127	61163	36.857	ng/u1	98
33) Hexachlorobutadiene	10.892	225	52262	45.869	ng/u1	96
34) Caprolactam	11.663	113	1833	4.793	ng/u1	98
35) 4-Chloro-3-methylphenol	11.933	107	55719	40.314	ng/u1	93
36) 2-Methylnaphthalene	12.286	142	146026	48.683	ng/u1	99

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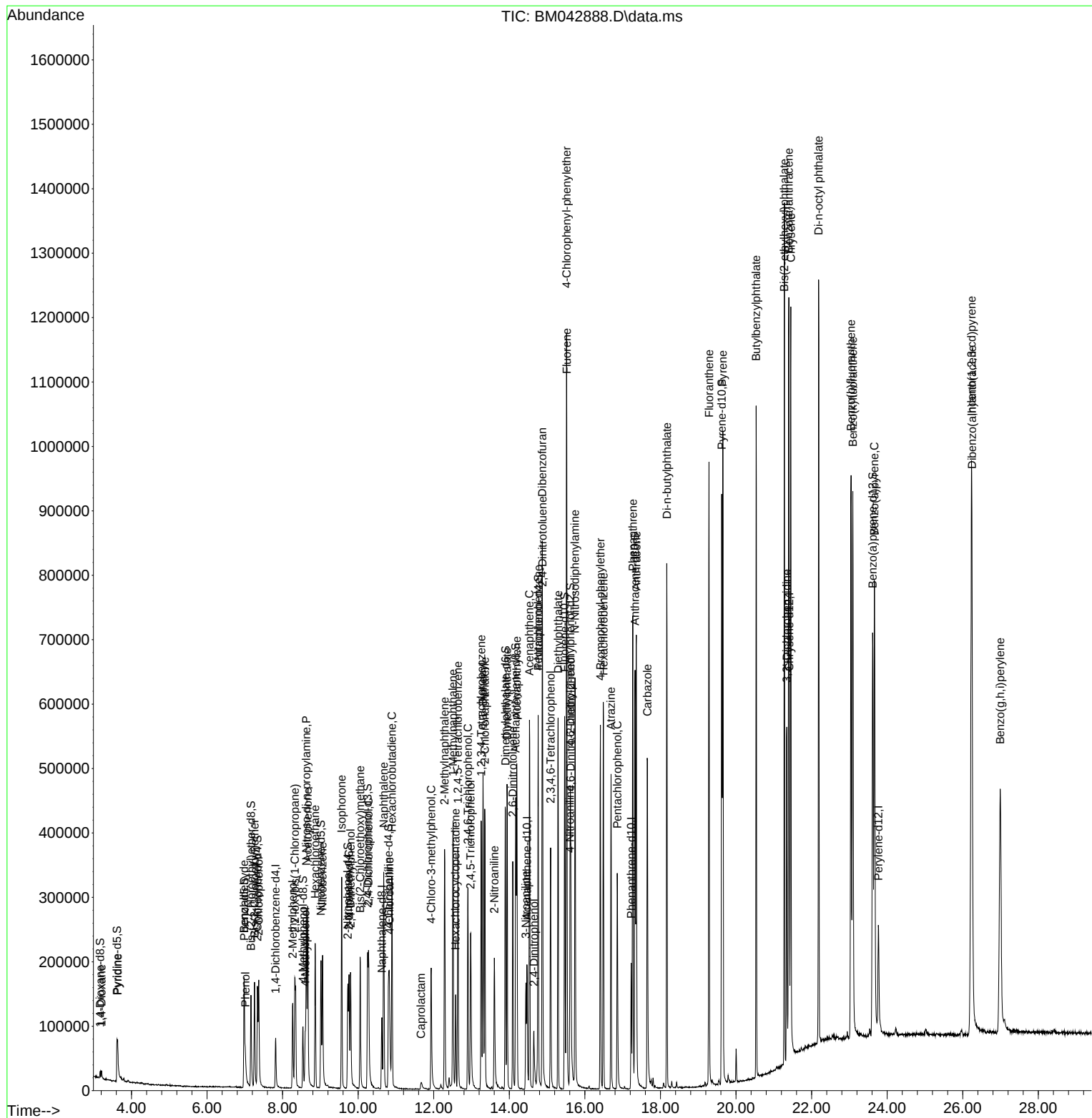
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	149017	47.252	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	96536	53.134	ng/ul	97
40) Hexachlorocyclopentadiene	12.580	237	30233	35.149	ng/ul	94
41) 2,4,6-Trichlorophenol	12.904	196	56607	51.008	ng/ul	96
42) 2,4,5-Trichlorophenol	12.974	196	57502	53.660	ng/ul	96
43) 1,1'-Biphenyl	13.304	154	203243	52.607	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	160382	51.603	ng/ul	97
45) 2-Nitroaniline	13.604	65	63339	62.488	ng/ul	90
47) Dimethylphthalate	13.939	163	232356	54.410	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	43464	54.175	ng/ul	88
50) Acenaphthylene	14.198	152	280740	53.408	ng/ul	99
51) 3-Nitroaniline	14.439	138	31617	48.193	ng/ul	96
52) Acenaphthene	14.533	153	191049	53.741	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	16670	41.788	ng/ul	94
56) Dibenzoofuran	14.874	168	271454	55.015	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	67651	57.437	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	61010	54.848	ng/ul#	97
59) Diethylphthalate	15.292	149	248717	55.542	ng/ul	100
61) Fluorene	15.521	166	242635	57.919	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	131171	58.100	ng/ul	96
63) 4-Nitroaniline	15.604	138	32599	54.504	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.627	198	42100	52.687	ng/ul	89
67) N-Nitrosodiphenylamine	15.739	169	185322	57.025	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	78158	56.667	ng/ul	94
69) Hexachlorobenzene	16.492	284	97076	57.574	ng/ul	97
70) Atrazine	16.692	200	69182	55.265	ng/ul	99
71) Pentachlorophenol	16.857	266	50063	51.562	ng/ul	98
72) Phenanthrene	17.268	178	385085	59.489	ng/ul	98
74) Anthracene	17.362	178	383547	58.906	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	97733	53.341	ng/uL	96
76) Pentachlorobenzene	14.763	250	108149	56.255	ng/uL	99
77) Carbazole	17.657	167	317879	59.125	ng/ul	99
78) Di-n-butylphthalate	18.168	149	447602	56.933	ng/ul	99
80) Fluoranthene	19.286	202	505392	55.896	ng/ul	99
82) Pyrene	19.651	202	543561	56.698	ng/ul	98
83) Butylbenzylphthalate	20.533	149	211401	51.626	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.345	252	150852	48.673	ng/ul	99
85) Benzo(a)anthracene	21.397	228	553680	58.245	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	320405	51.572	ng/ul	99
87) Chrysene	21.450	228	533247	57.841	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	569876	58.194	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	570401	68.944	ng/ul	99
91) Benzo(k)fluoranthene	23.091	252	586048	66.543	ng/ul	98
93) Benzo(a)pyrene	23.662	252	530100	65.754	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.232	276	676610	67.531	ng/ul	99
95) Dibenzo(a,h)anthracene	26.244	278	559884	67.403	ng/ul	98
96) Benzo(g,h,i)perylene	26.991	276	520665	65.443	ng/ul	99

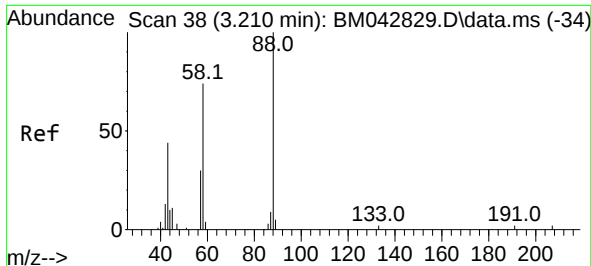
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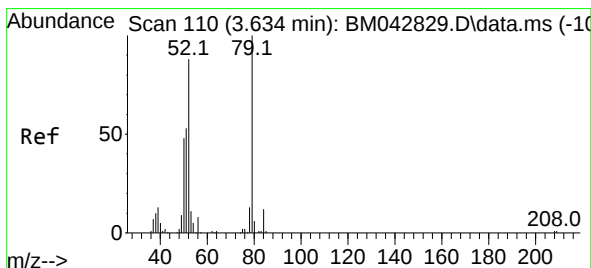
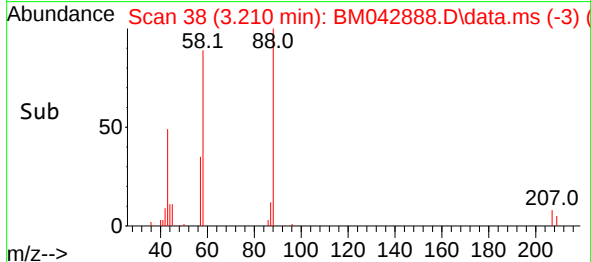
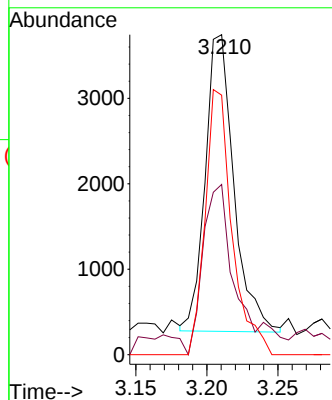
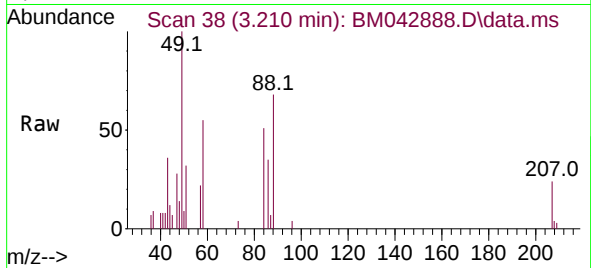




#2
1,4-Dioxane
Concen: 7.949 ng/uL
RT: 3.210 min Scan# 38
Delta R.T. 0.006 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

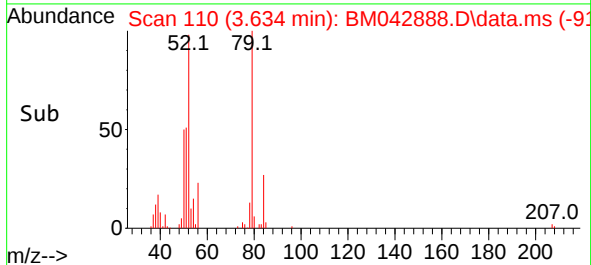
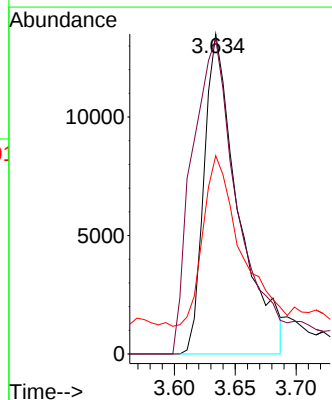
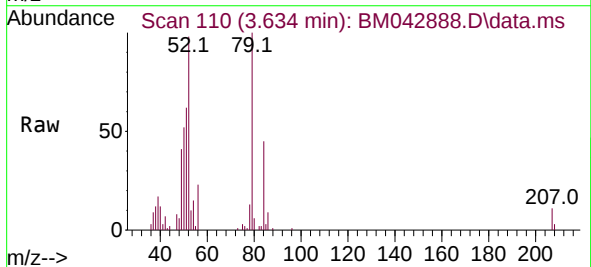
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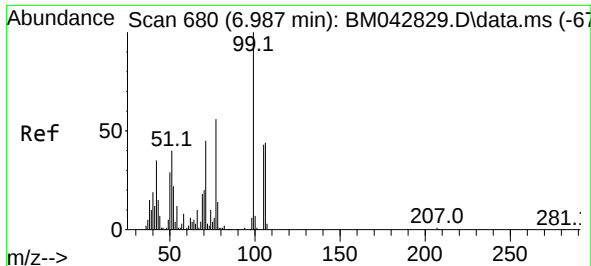
Tgt Ion: 88 Resp: 4880
Ion Ratio Lower Upper
88 100
43 53.2 34.3 51.5#
58 81.1 59.4 89.0



#5
Pyridine
Concen: 16.918 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. 0.012 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion: 79 Resp: 26379
Ion Ratio Lower Upper
79 100
52 98.5 74.6 111.8
51 61.9 44.6 67.0

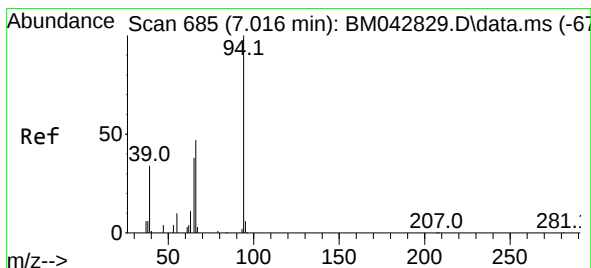
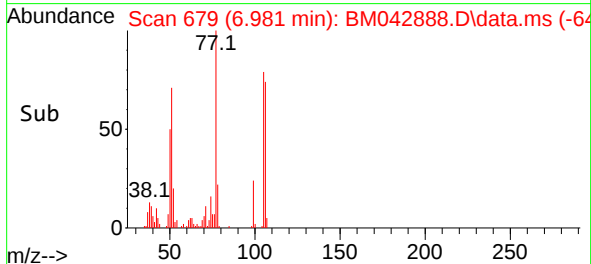
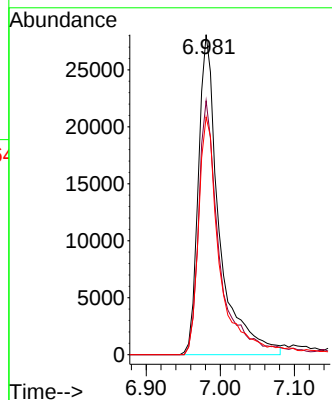
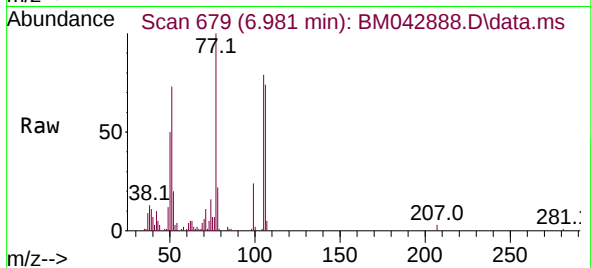




#6
Benzaldehyde
Concen: 54.521 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

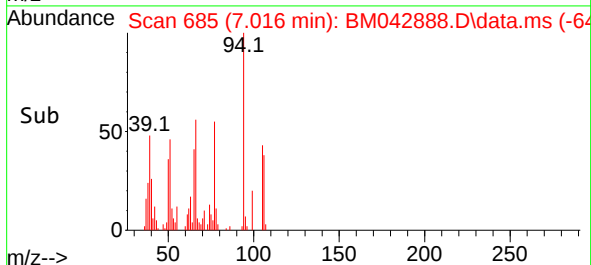
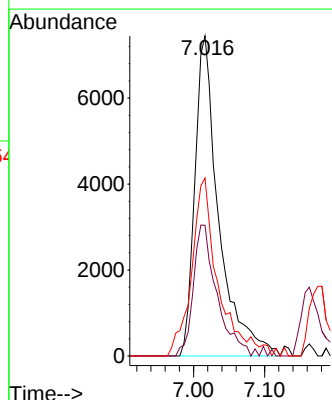
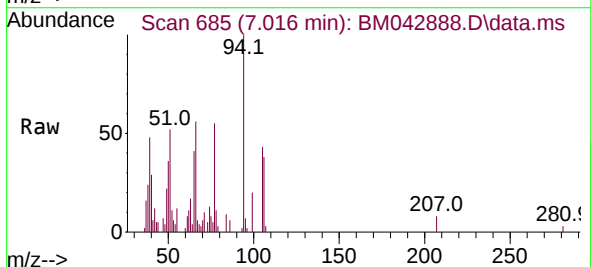
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ClientSampleId :

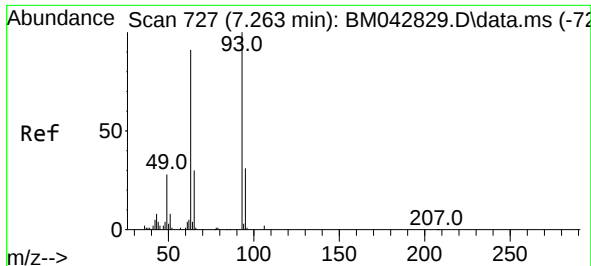
Tgt Ion: 77 Resp: 55068
Ion Ratio Lower Upper
77 100
105 79.4 69.6 104.4
106 74.3 64.2 96.2



#8
Phenol
Concen: 9.969 ng/ul
RT: 7.016 min Scan# 685
Delta R.T. 0.012 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion: 94 Resp: 17456
Ion Ratio Lower Upper
94 100
65 40.8 30.3 45.5
66 55.6 39.9 59.9





#10

Bis(2-Chloroethyl)ether

Concen: 49.621 ng/ul

RT: 7.257 min Scan# 71

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

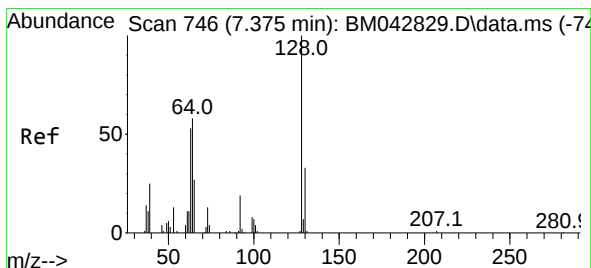
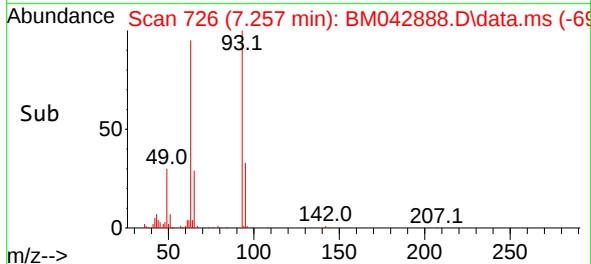
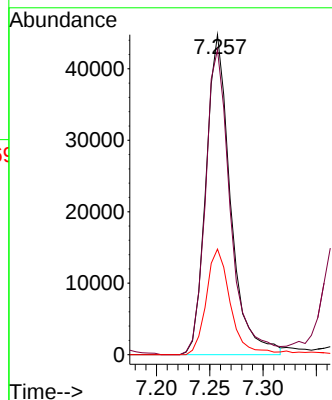
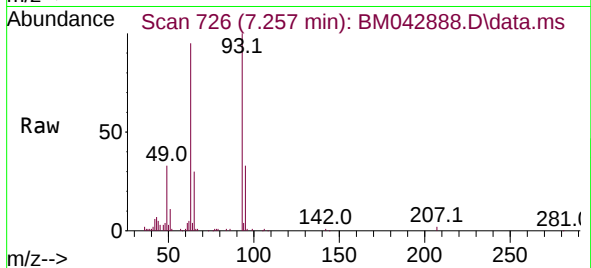
Tgt Ion: 93 Resp: 71774

Ion Ratio Lower Upper

93 100

63 95.3 68.6 102.8

95 33.0 24.8 37.2



#12

2-Chlorophenol

Concen: 36.865 ng/ul

RT: 7.369 min Scan# 745

Delta R.T. 0.006 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

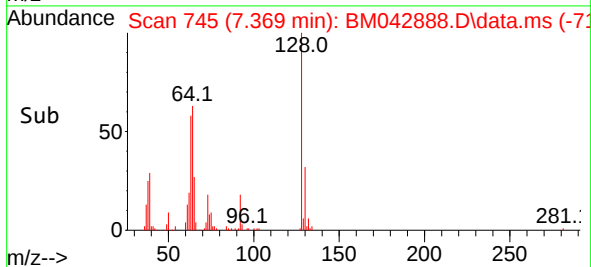
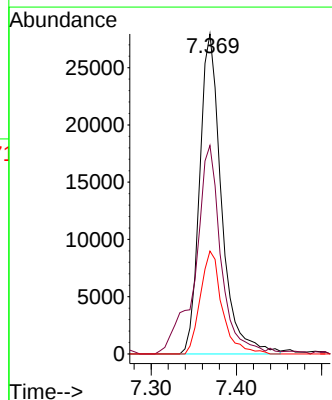
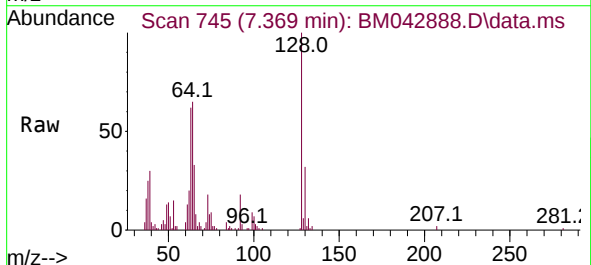
Tgt Ion:128 Resp: 49835

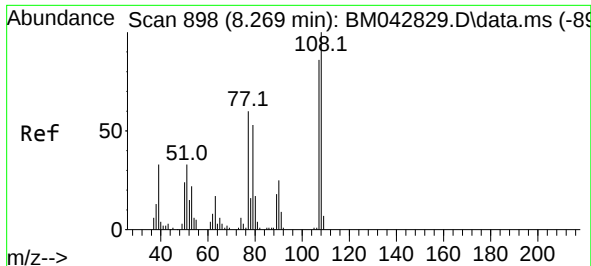
Ion Ratio Lower Upper

128 100

64 65.1 42.9 64.3#

130 32.1 23.9 35.9

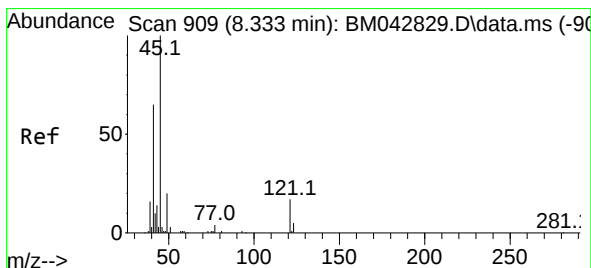
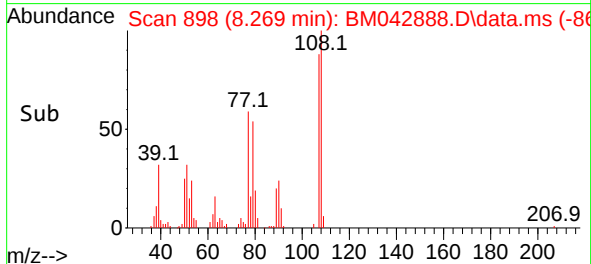
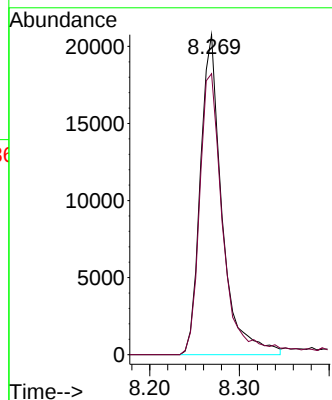
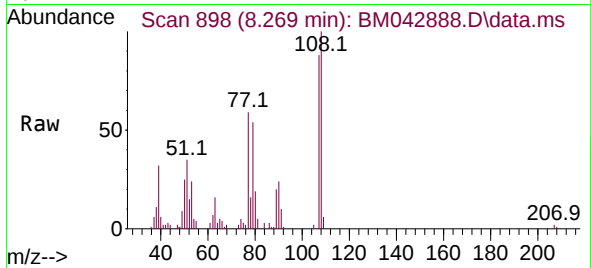




#13
2-Methylphenol
Concen: 26.655 ng/ul
RT: 8.269 min Scan# 898
Delta R.T. 0.006 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

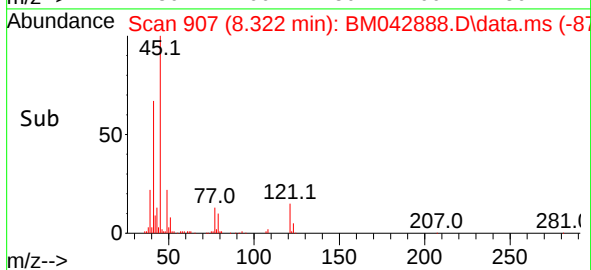
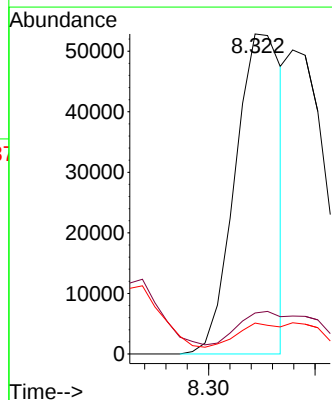
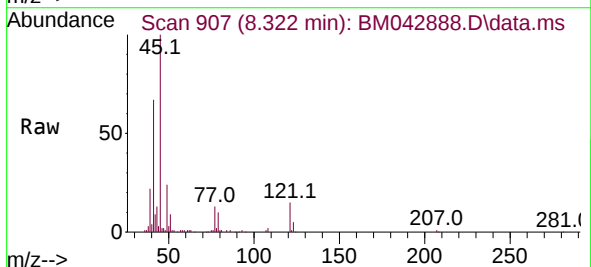
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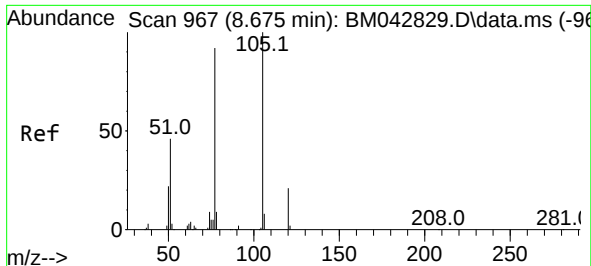
Tgt Ion:108 Resp: 34806
Ion Ratio Lower Upper
108 100
107 87.8 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.433 ng/ul
RT: 8.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion: 45 Resp: 80134
Ion Ratio Lower Upper
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77 12.8 12.2 18.2
79 9.6 8.2 12.2

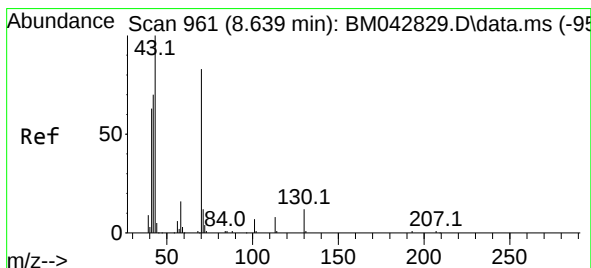
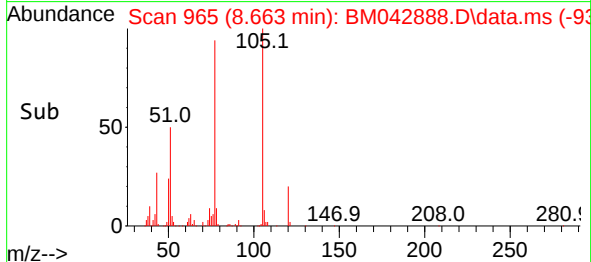
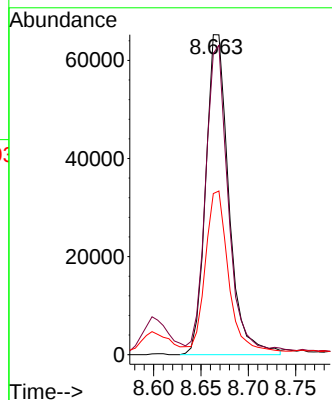
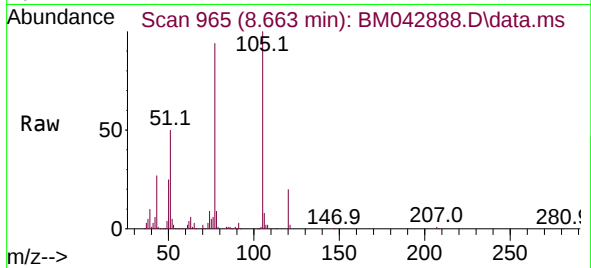




#16
Acetophenone
Concen: 47.464 ng/ul
RT: 8.663 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

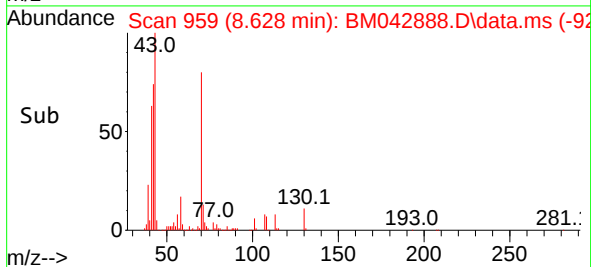
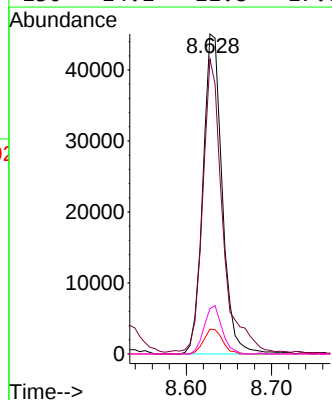
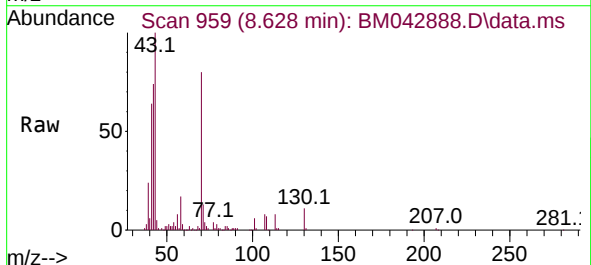
Instrument :
BNA_M
ClientSampleId :

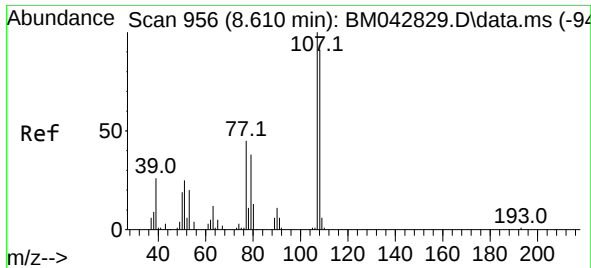
Tgt Ion:105 Resp: 110624
Ion Ratio Lower Upper
105 100
77 94.1 71.6 107.4
51 50.4 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 50.135 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion: 70 Resp: 71132
Ion Ratio Lower Upper
70 100
42 92.2 63.0 94.6
101 7.8 7.0 10.4
130 14.1 11.8 17.8

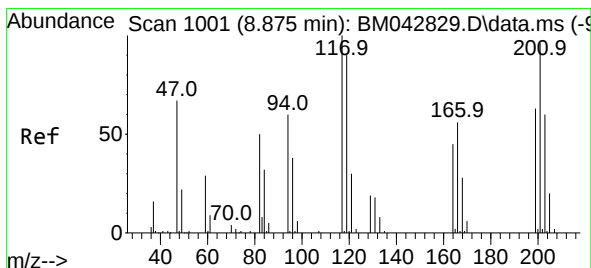
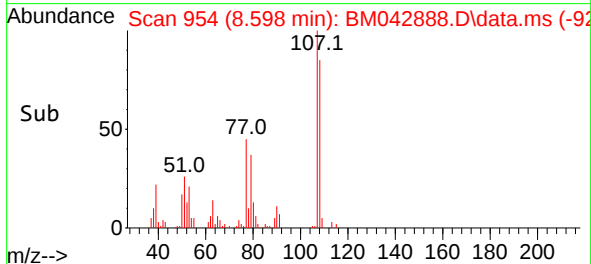
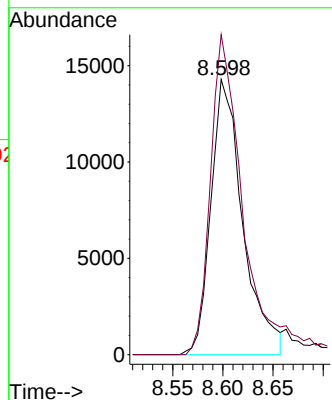
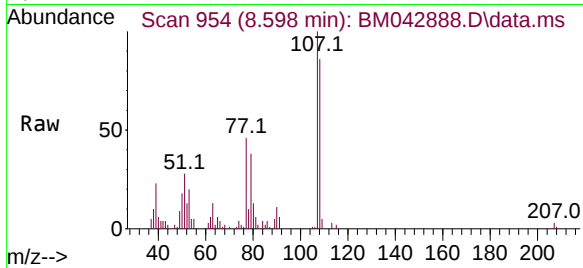




#18
4-Methylphenol
Concen: 22.214 ng/ul
RT: 8.598 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

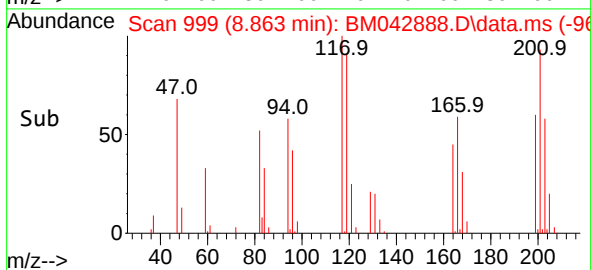
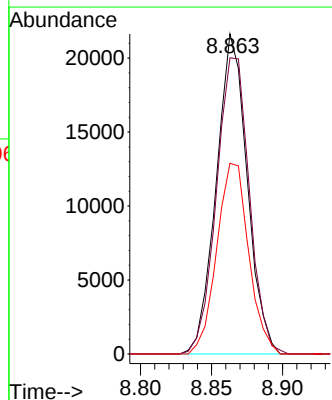
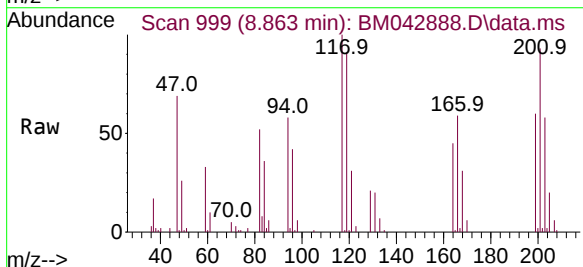
Instrument :
BNA_M
ClientSampleId :

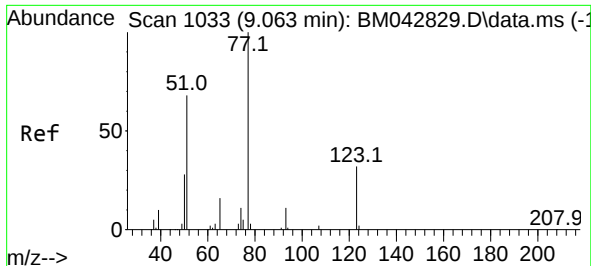
Tgt Ion:108 Resp: 31536
Ion Ratio Lower Upper
108 100
107 116.3 89.4 134.0



#19
Hexachloroethane
Concen: 43.480 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion:117 Resp: 32760
Ion Ratio Lower Upper
117 100
201 92.6 90.0 135.0
199 59.6 52.2 78.4

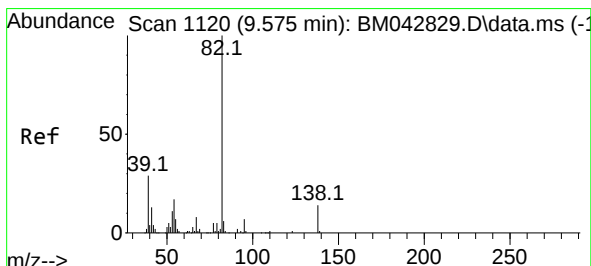
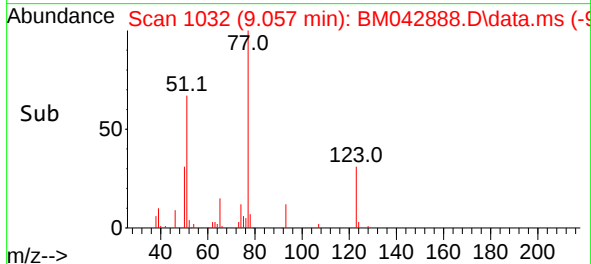
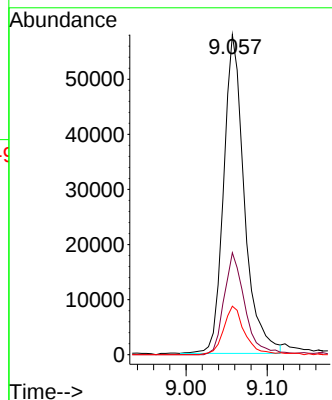
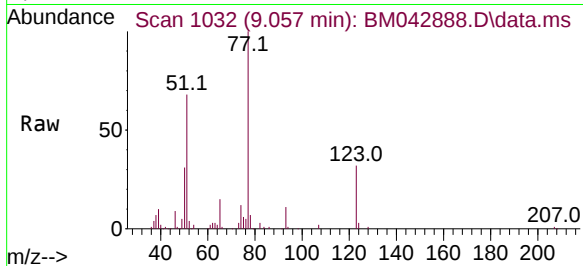




#22
Nitrobenzene
Concen: 54.269 ng/ul
RT: 9.057 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

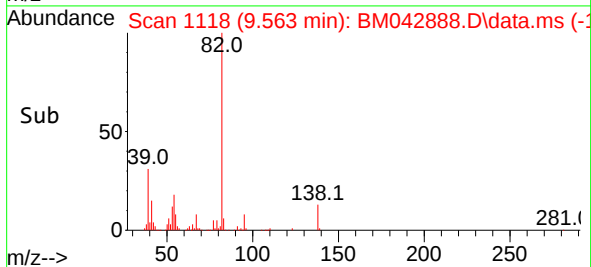
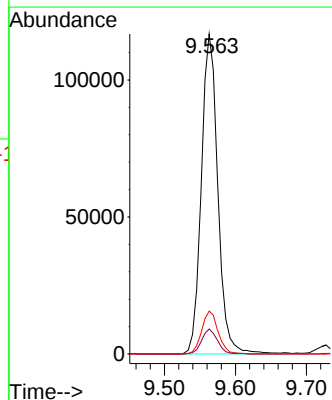
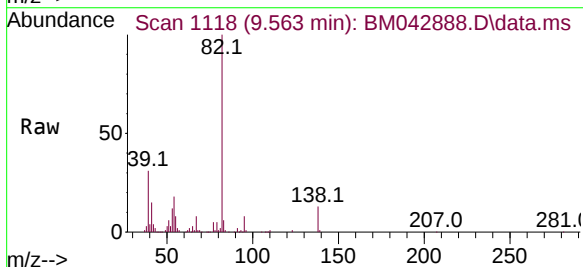
Instrument :
BNA_M
ClientSampleId :

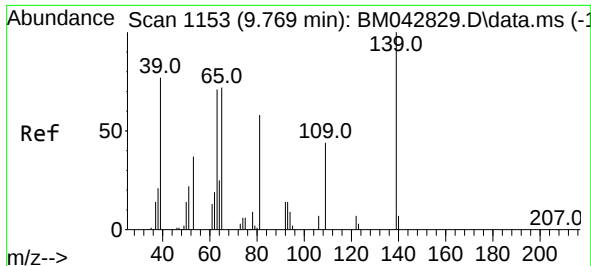
Tgt Ion: 77 Resp: 102731
Ion Ratio Lower Upper
77 100
123 31.9 28.4 42.6
65 15.2 12.4 18.6



#23
Isophorone
Concen: 50.064 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion: 82 Resp: 188754
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 13.4 12.1 18.1

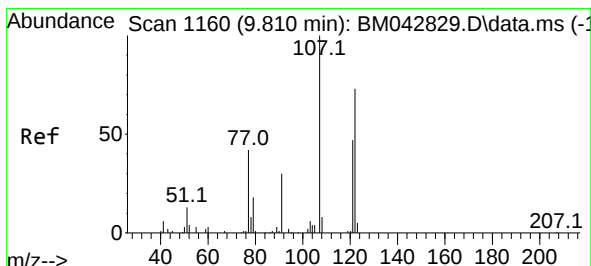
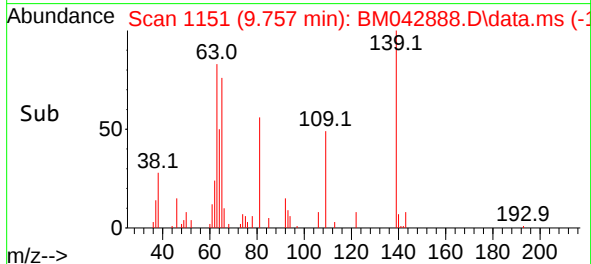
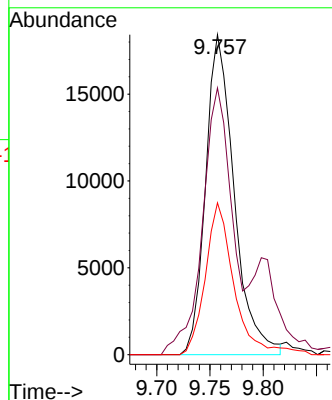
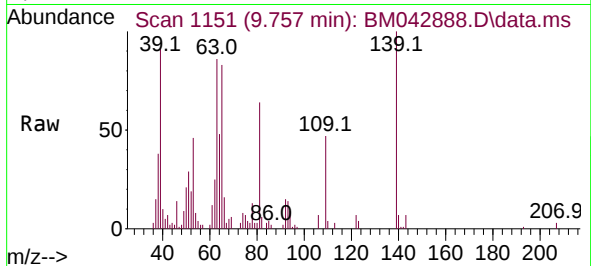




#25
2-Nitrophenol
Concen: 46.113 ng/ul
RT: 9.757 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

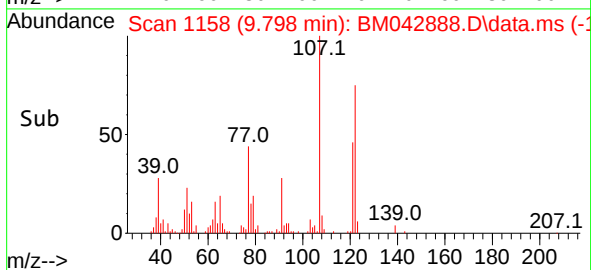
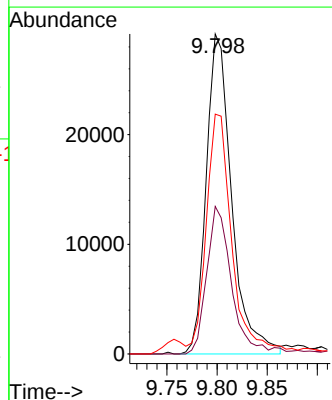
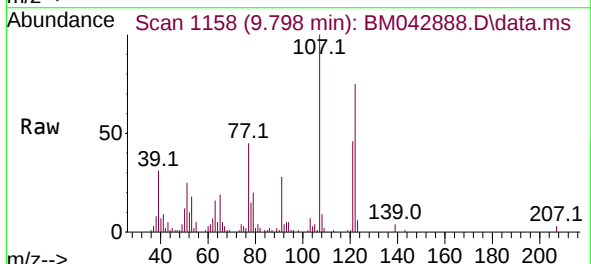
Instrument :
BNA_M
ClientSampleId :

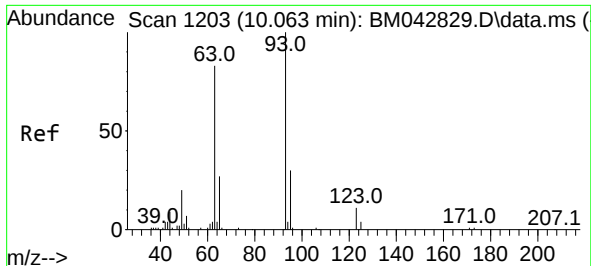
Tgt Ion:139 Resp: 34327
Ion Ratio Lower Upper
139 100
65 83.4 59.1 88.7
109 47.4 33.9 50.9



#26
2,4-Dimethylphenol
Concen: 32.329 ng/ul
RT: 9.798 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion:107 Resp: 51491
Ion Ratio Lower Upper
107 100
121 46.1 38.0 57.0
122 75.0 60.5 90.7





#27

Bis(2-Chloroethoxy)methane

Concen: 51.758 ng/ul

RT: 10.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

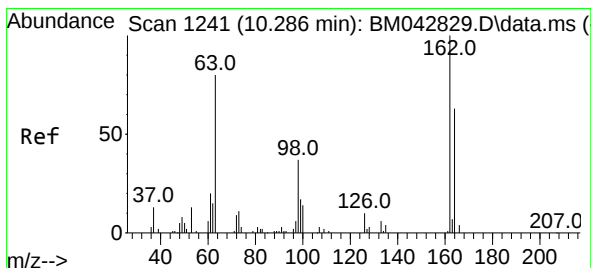
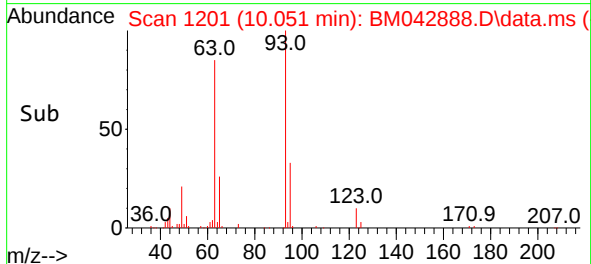
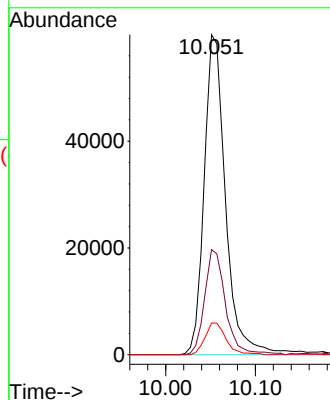
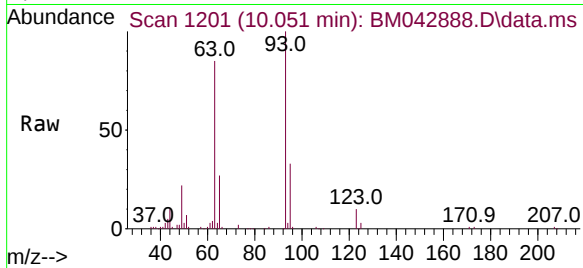
Tgt Ion: 93 Resp: 98609

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 9.9 8.2 12.2



#29

2,4-Dichlorophenol

Concen: 45.298 ng/ul

RT: 10.275 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

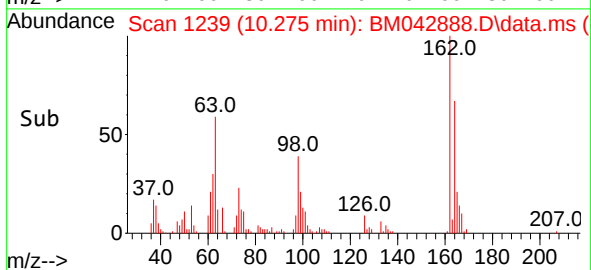
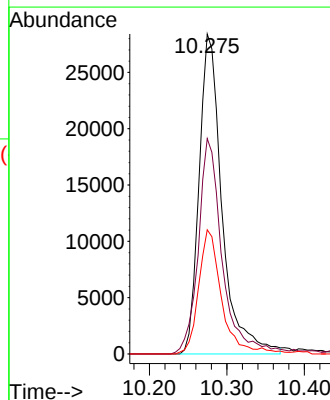
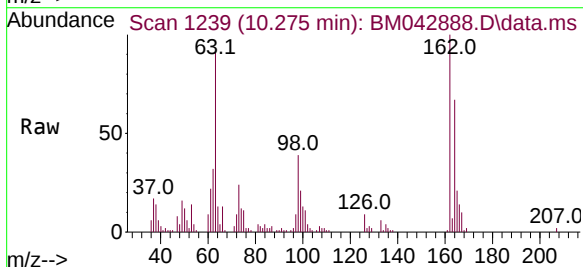
Tgt Ion:162 Resp: 58428

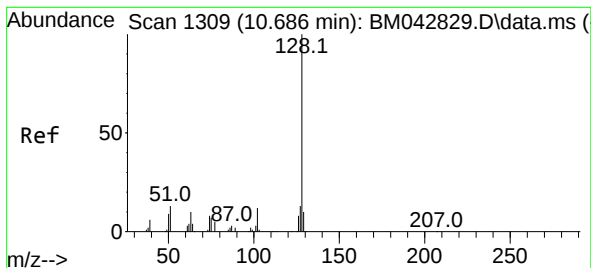
Ion Ratio Lower Upper

162 100

164 67.3 53.4 80.2

98 38.8 28.4 42.6

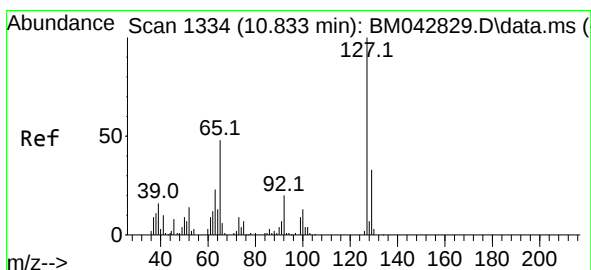
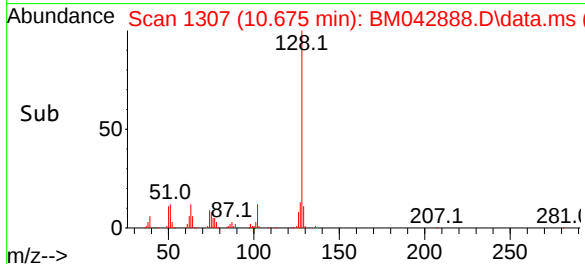
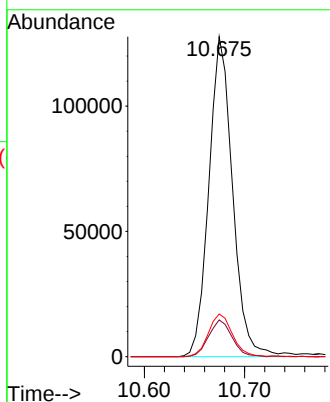
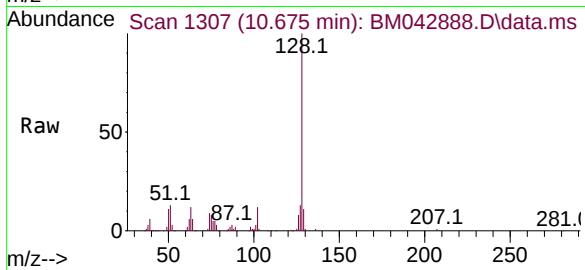




#30
Naphthalene
Concen: 46.815 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

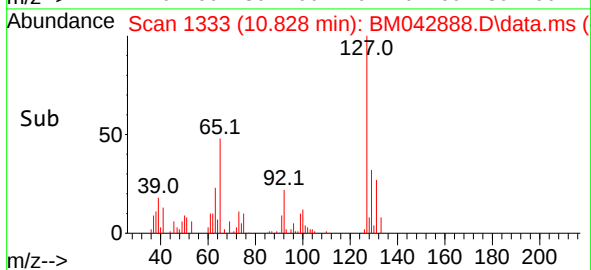
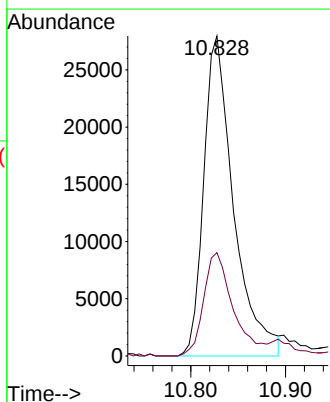
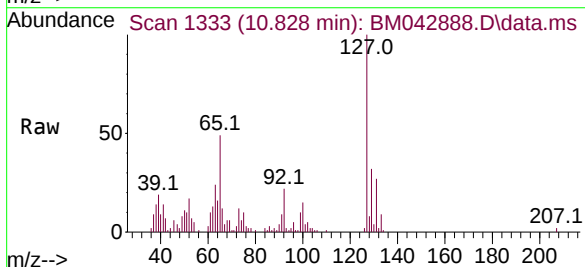
Instrument :
BNA_M
ClientSampleId :

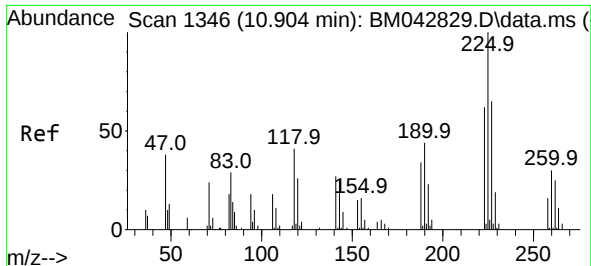
Tgt Ion:128 Resp: 209519
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.3 10.5 15.7



#32
4-Chloroaniline
Concen: 36.857 ng/ul
RT: 10.828 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

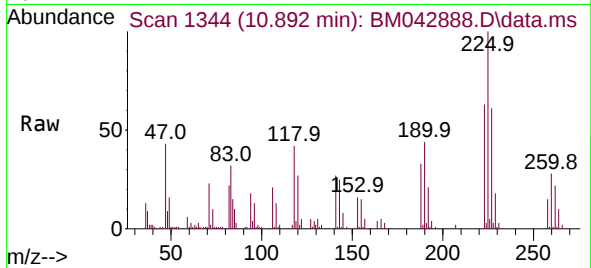
Tgt Ion:127 Resp: 61163
Ion Ratio Lower Upper
127 100
129 32.3 26.7 40.1



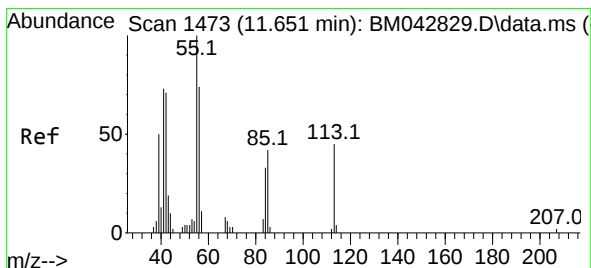
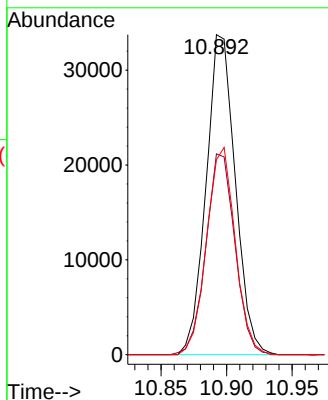
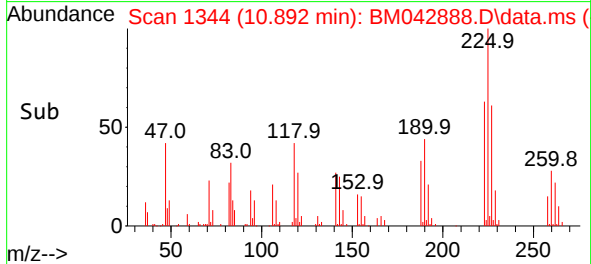


#33
Hexachlorobutadiene
Concen: 45.869 ng/ul
RT: 10.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

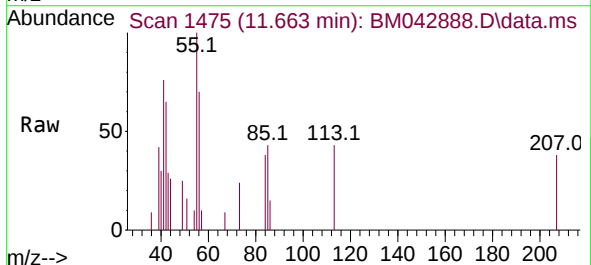
Instrument :
BNA_M
ClientSampleId :



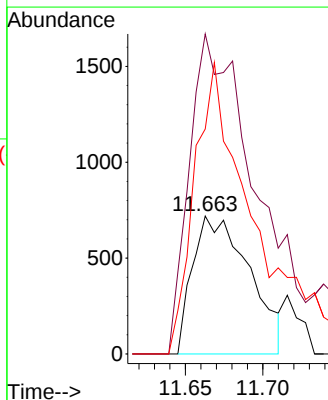
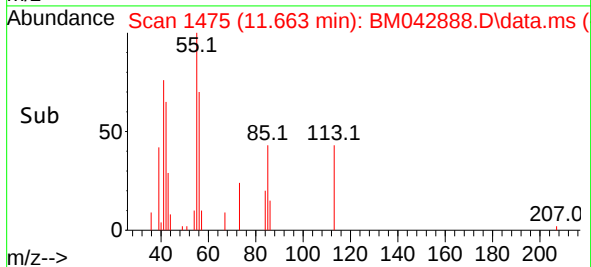
Tgt Ion:225 Resp: 52262
Ion Ratio Lower Upper
225 100
223 62.8 53.0 79.4
227 60.9 50.5 75.7

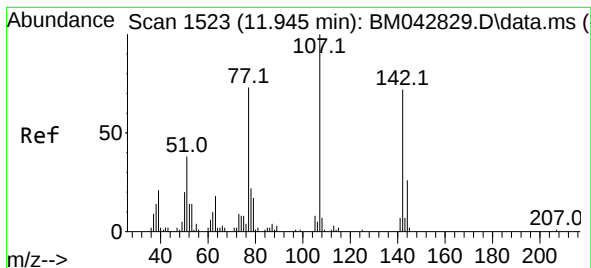


#34
Caprolactam
Concen: 4.793 ng/ul
RT: 11.663 min Scan# 1475
Delta R.T. 0.018 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09



Tgt Ion:113 Resp: 1833
Ion Ratio Lower Upper
113 100
55 232.1 184.2 276.2
56 163.1 134.3 201.5

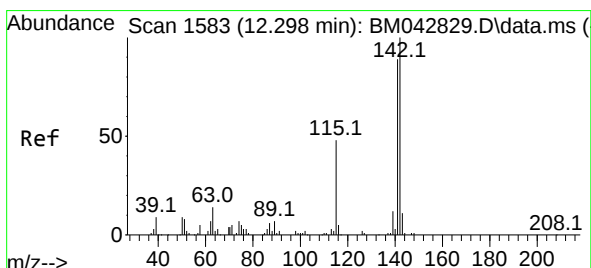
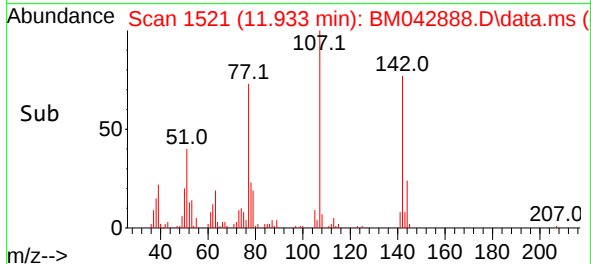
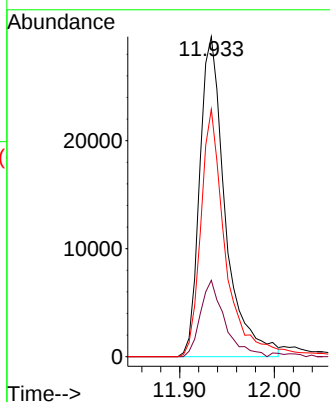
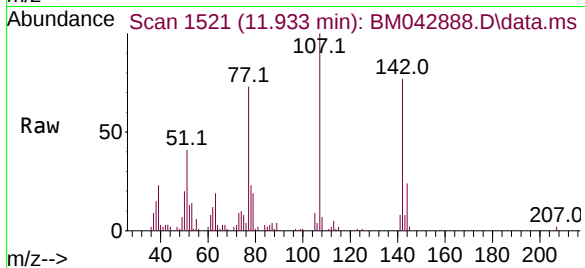




#35
 4-Chloro-3-methylphenol
 Concen: 40.314 ng/ul
 RT: 11.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

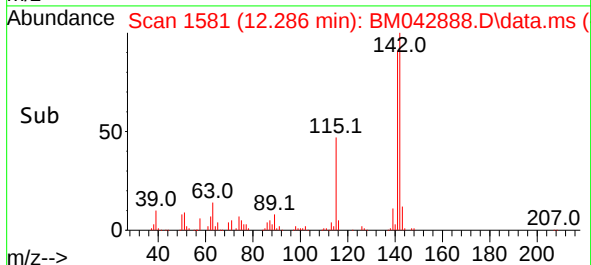
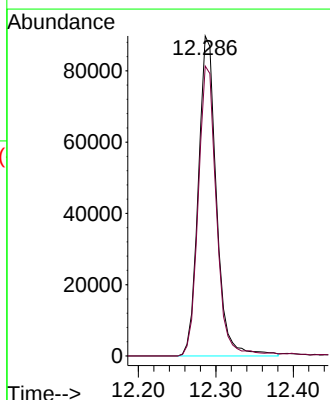
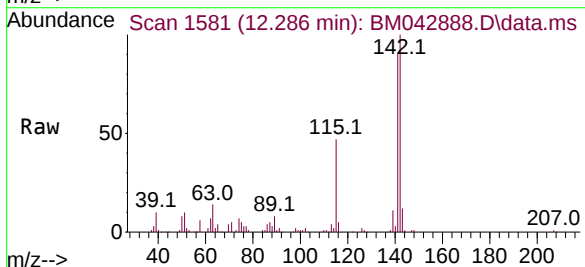
Instrument :
 BNA_M
 ClientSampleId :

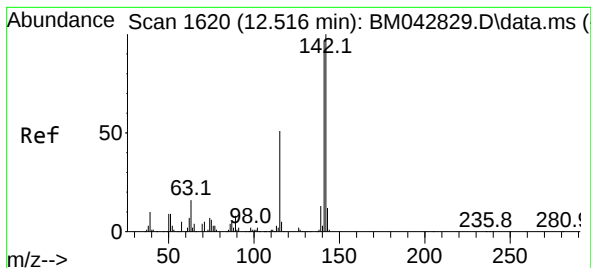
Tgt Ion:107 Resp: 55719
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.3 27.5
 142 77.3 56.3 84.5



#36
 2-Methylnaphthalene
 Concen: 48.683 ng/ul
 RT: 12.286 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

Tgt Ion:142 Resp: 146026
 Ion Ratio Lower Upper
 142 100
 141 90.6 73.6 110.4





#37

1-Methylnaphthalene

Concen: 47.252 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

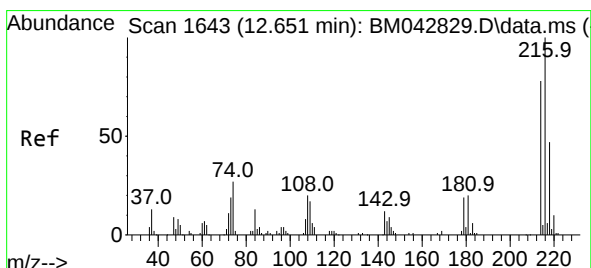
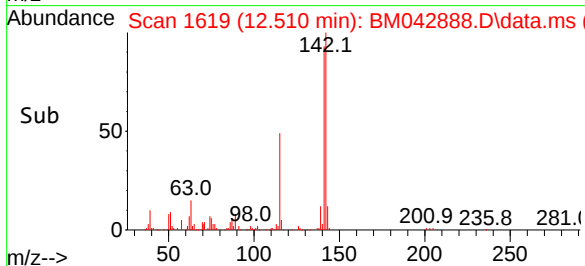
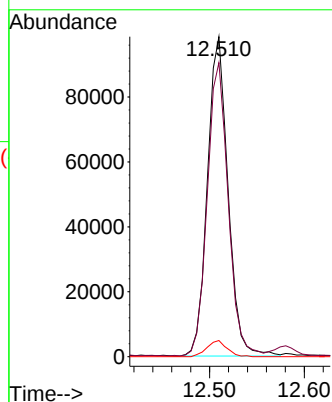
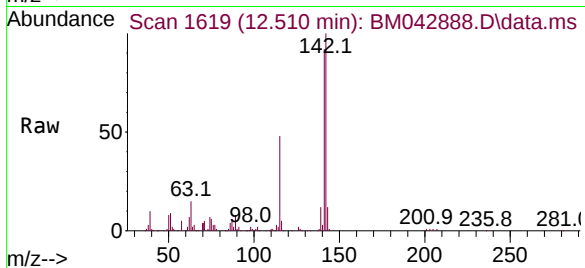
Tgt Ion:142 Resp: 149017

Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9

116 5.0 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.134 ng/ul

RT: 12.639 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Tgt Ion:216 Resp: 96536

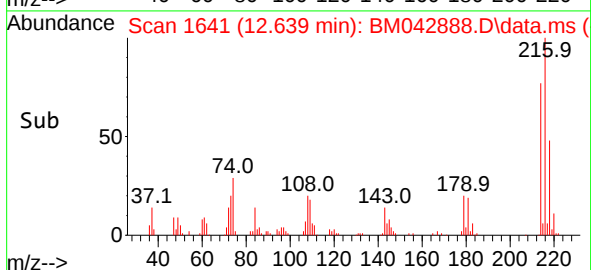
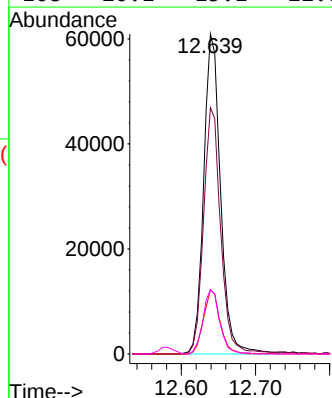
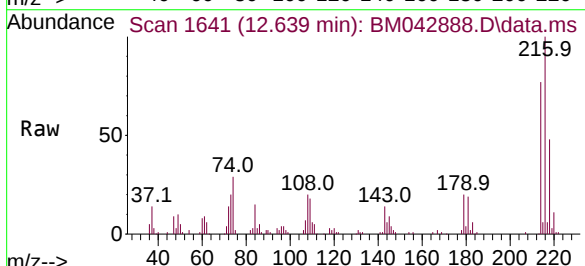
Ion Ratio Lower Upper

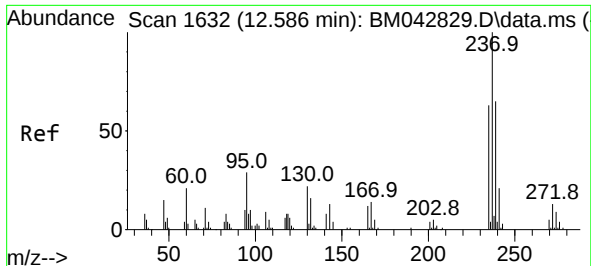
216 100

214 77.0 64.1 96.1

179 20.0 15.5 23.3

108 20.1 15.1 22.7

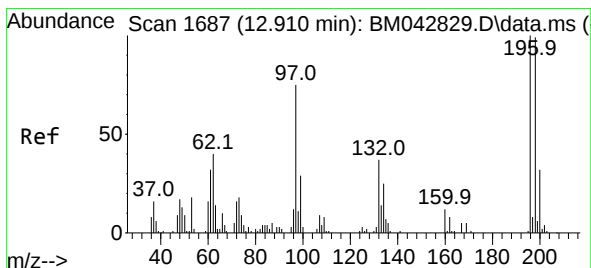
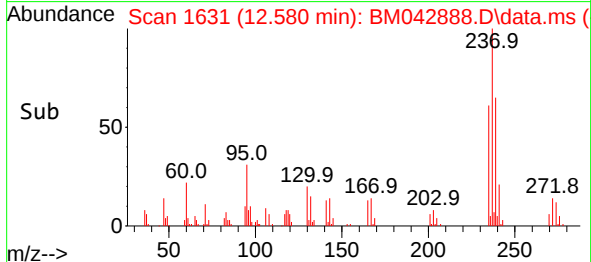
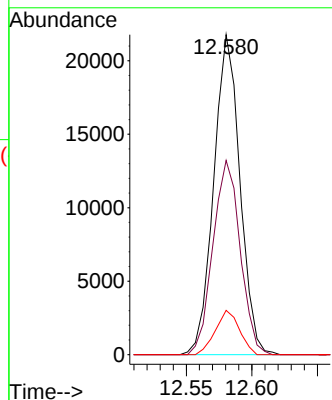
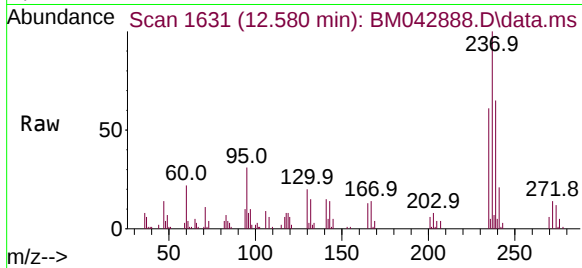




#40
Hexachlorocyclopentadiene
Concen: 35.149 ng/ul
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

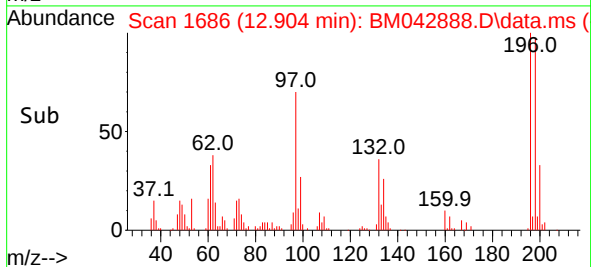
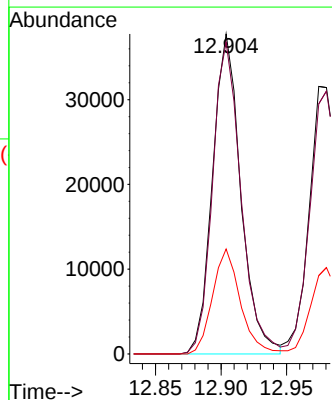
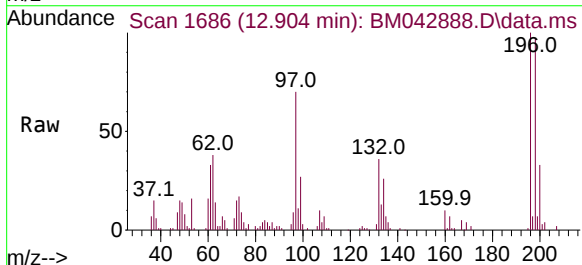
Instrument :
BNA_M
ClientSampleId :

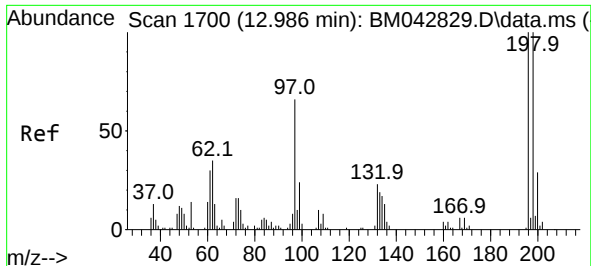
Tgt Ion:237 Resp: 30233
Ion Ratio Lower Upper
237 100
235 60.7 53.3 79.9
272 13.8 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 51.008 ng/ul
RT: 12.904 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion:196 Resp: 56607
Ion Ratio Lower Upper
196 100
198 97.4 81.0 121.4
200 32.8 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 53.660 ng/ul

RT: 12.974 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042888.D

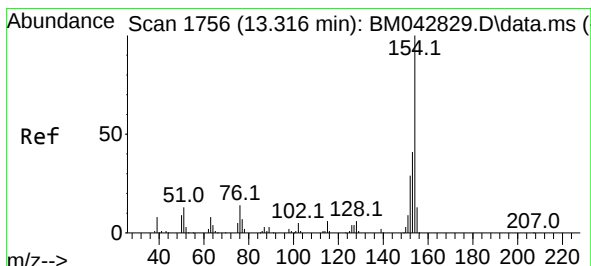
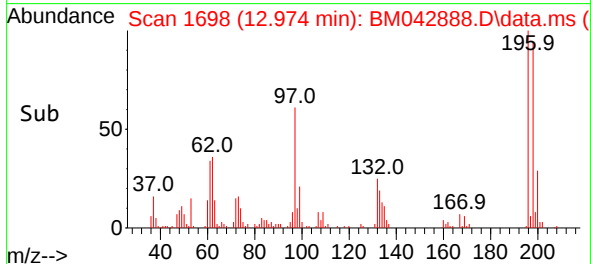
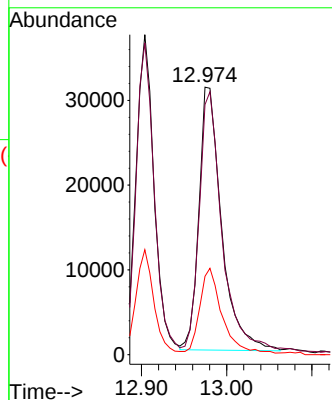
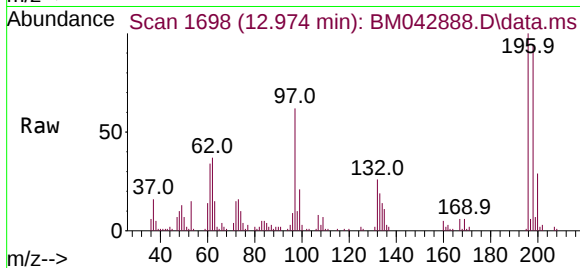
Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:196	Resp:	57502
Ion Ratio	Lower	Upper
196	100	
198	93.5	77.4 116.0
200	29.3	26.2 39.4



#43

1,1'-Biphenyl

Concen: 52.607 ng/ul

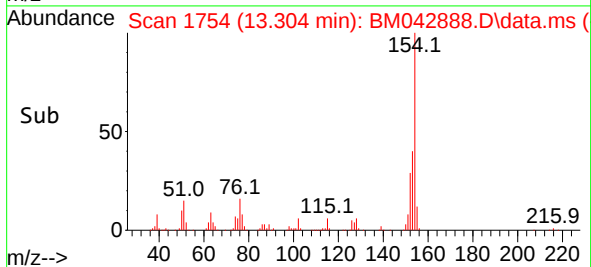
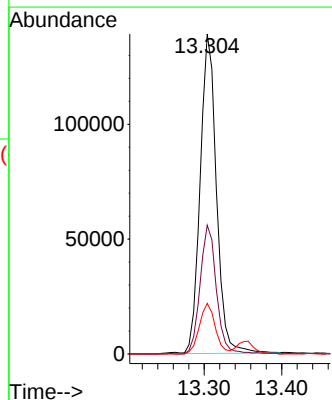
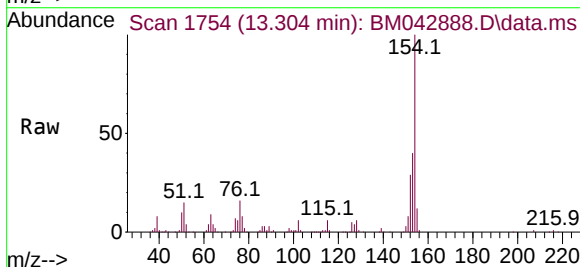
RT: 13.304 min Scan# 1754

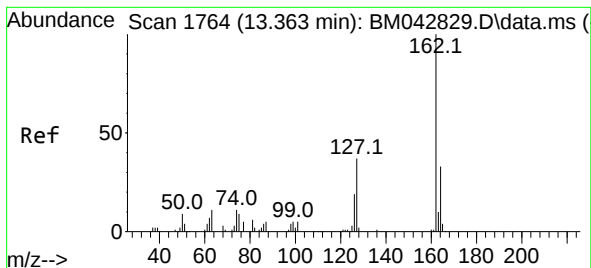
Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Tgt Ion:154	Resp:	203243
Ion Ratio	Lower	Upper
154	100	
153	40.3	32.4 48.6
76	15.8	10.7 16.1





#44

2-Chloronaphthalene

Concen: 51.603 ng/ul

RT: 13.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

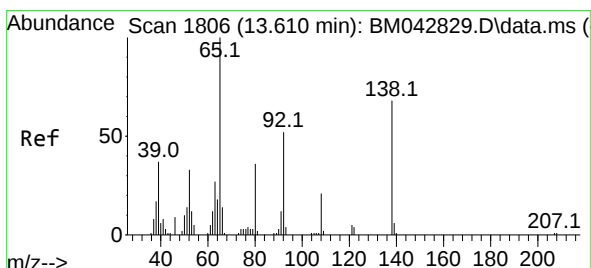
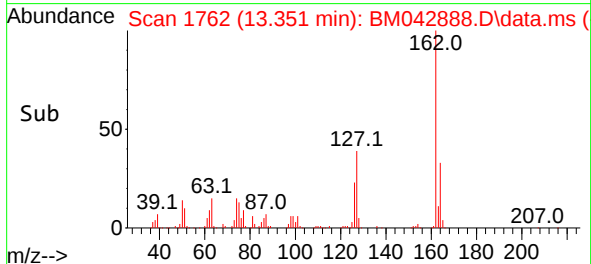
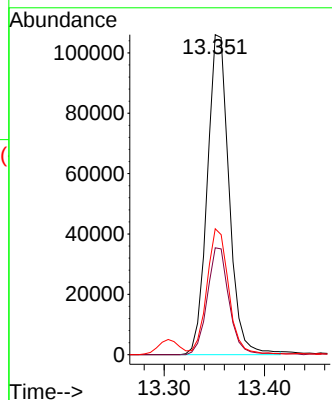
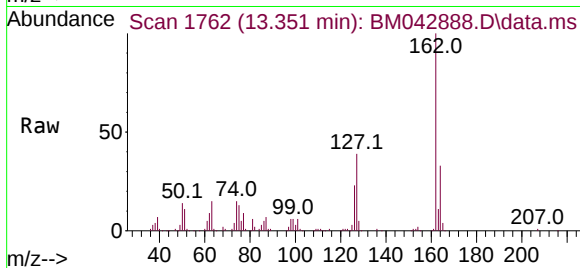
Tgt Ion:162 Resp: 160382

Ion Ratio Lower Upper

162 100

164 33.4 24.2 36.2

127 39.4 30.8 46.2



#45

2-Nitroaniline

Concen: 62.488 ng/ul

RT: 13.604 min Scan# 1805

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

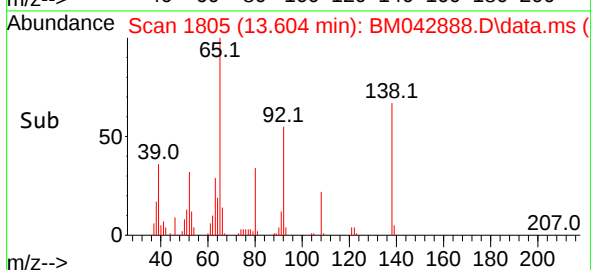
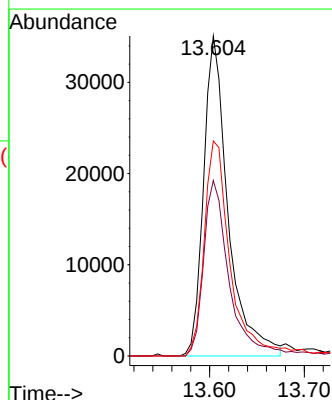
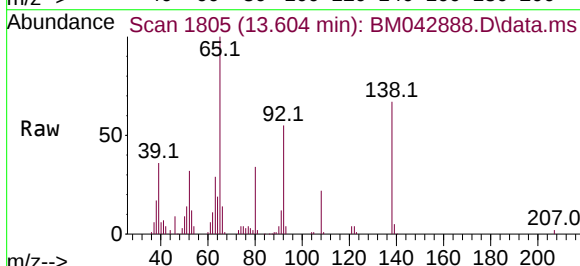
Tgt Ion: 65 Resp: 63339

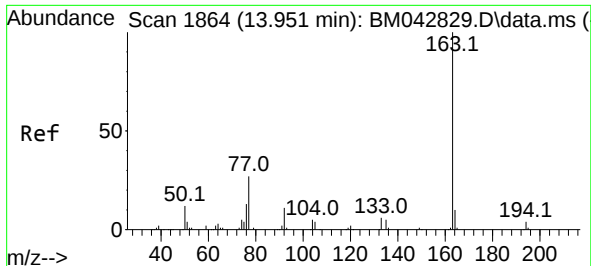
Ion Ratio Lower Upper

65 100

92 54.8 49.1 73.7

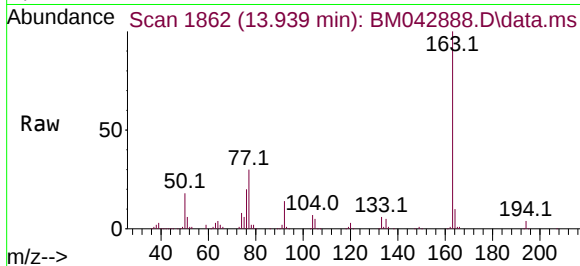
138 67.2 61.8 92.8



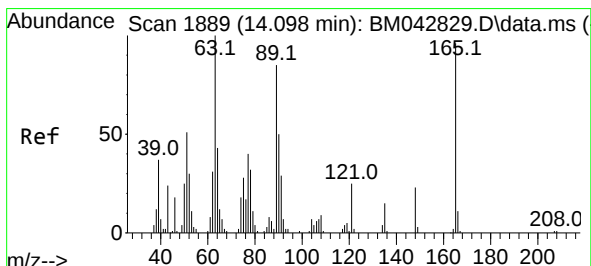
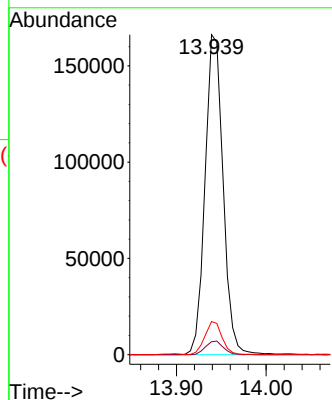
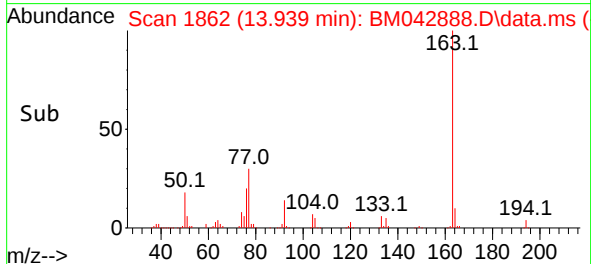


#47
Dimethylphthalate
Concen: 54.410 ng/ul
RT: 13.939 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

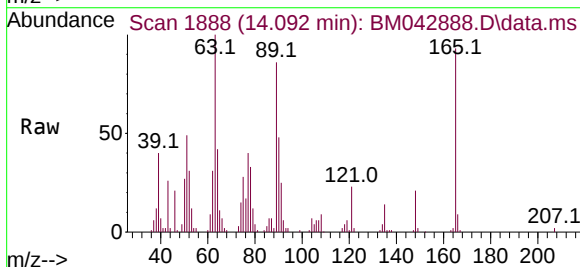
Instrument :
BNA_M
ClientSampleId :



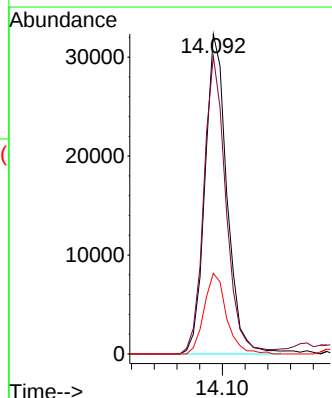
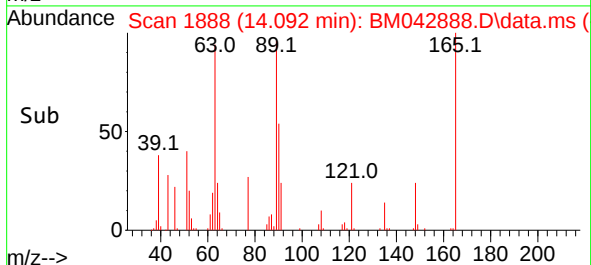
Tgt Ion:163 Resp: 232356
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 7.9 11.9

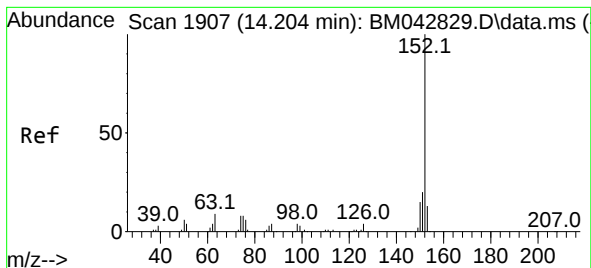


#48
2,6-Dinitrotoluene
Concen: 54.175 ng/ul
RT: 14.092 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09



Tgt Ion:165 Resp: 43464
Ion Ratio Lower Upper
165 100
89 93.1 64.1 96.1
121 25.2 18.4 27.6





#50

Acenaphthylene

Concen: 53.408 ng/ul

RT: 14.198 min Scan# 1906

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

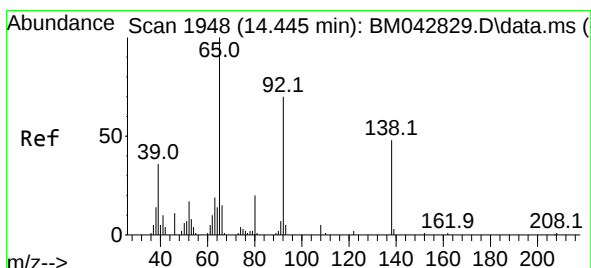
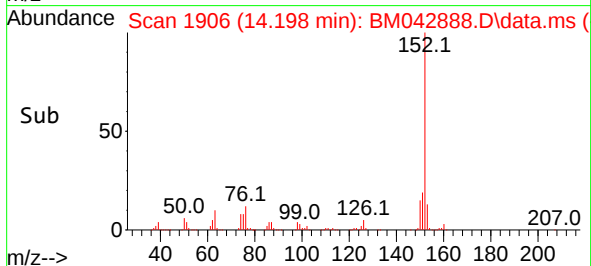
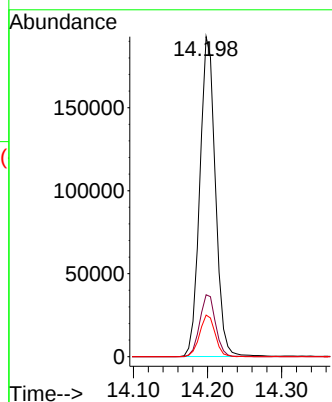
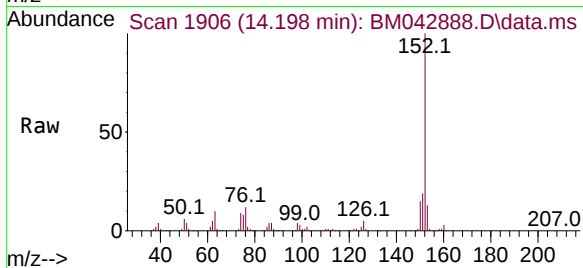
Tgt Ion:152 Resp: 280740

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

153 13.0 10.5 15.7



#51

3-Nitroaniline

Concen: 48.193 ng/ul

RT: 14.439 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

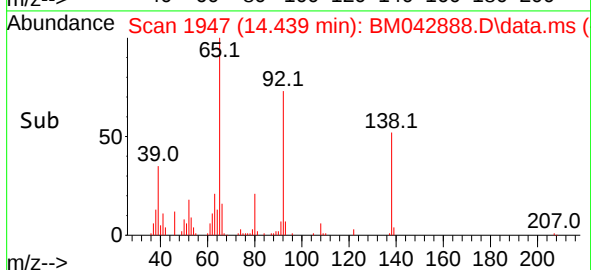
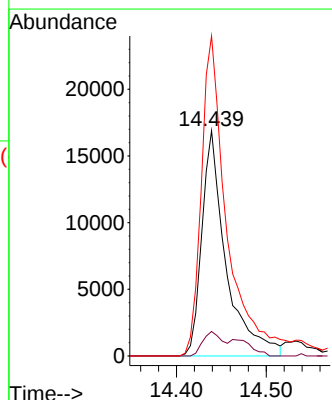
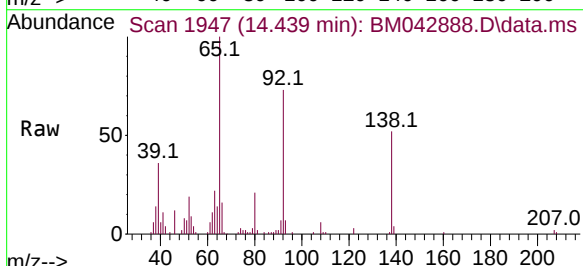
Tgt Ion:138 Resp: 31617

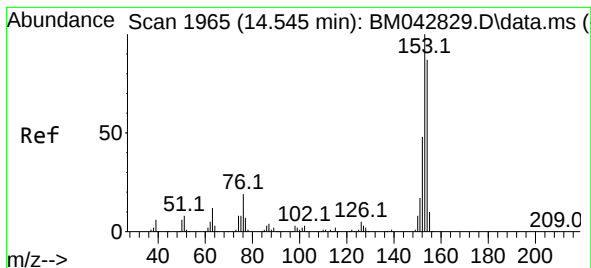
Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

92 142.0 109.4 164.0





#52

Acenaphthene

Concen: 53.741 ng/ul

RT: 14.533 min Scan# 1963

Delta R.T. 0.000 min

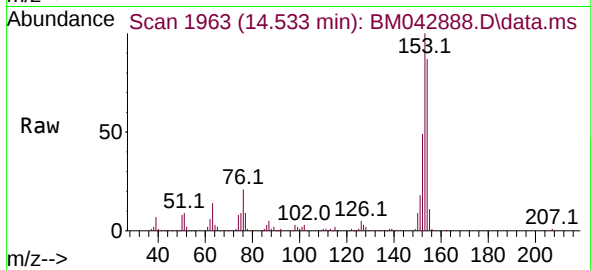
Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :



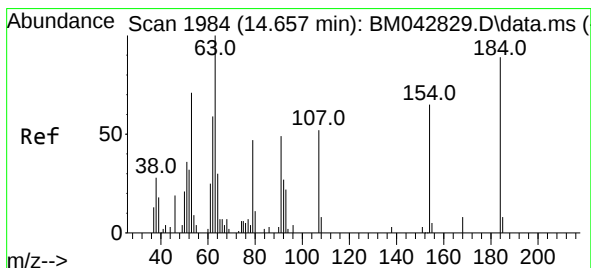
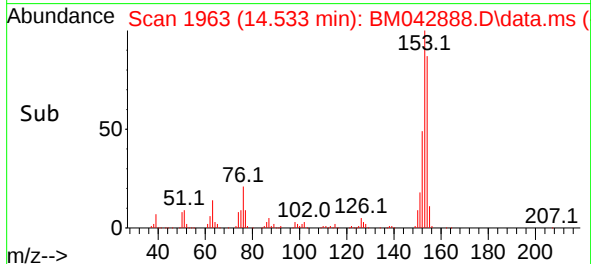
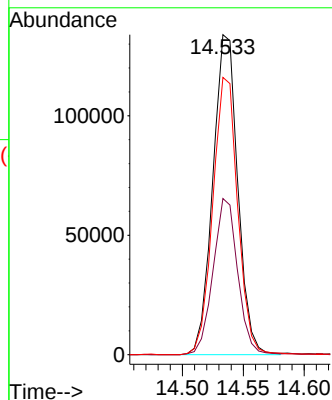
Tgt Ion:153 Resp: 191049

Ion Ratio Lower Upper

153 100

152 48.8 38.2 57.2

154 86.7 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 41.788 ng/ul

RT: 14.651 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

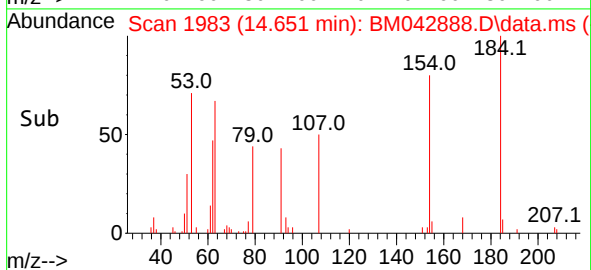
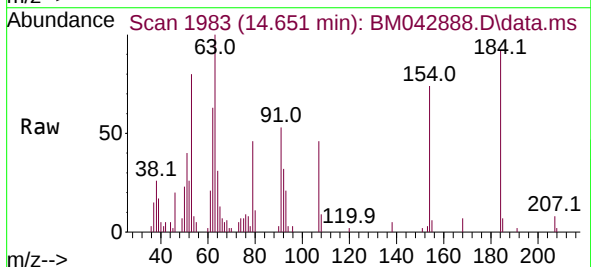
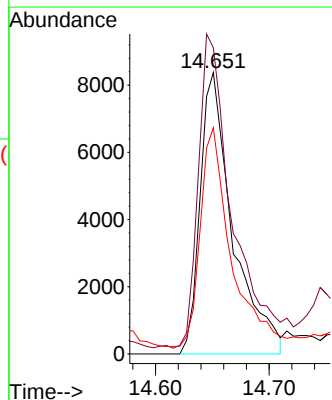
Tgt Ion:184 Resp: 16670

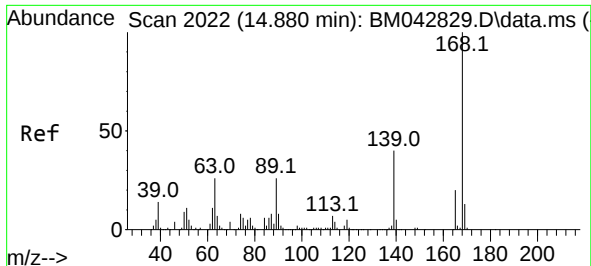
Ion Ratio Lower Upper

184 100

63 108.8 79.1 118.7

154 80.4 65.7 98.5

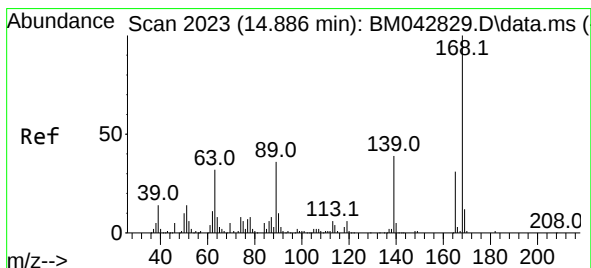
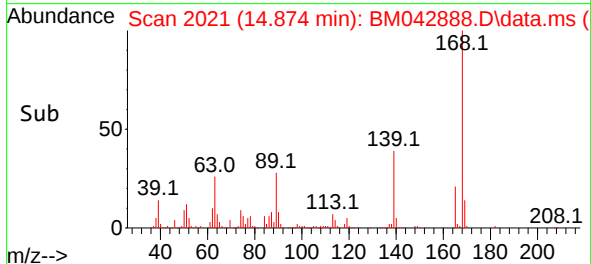
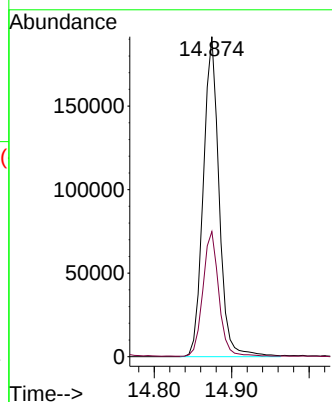
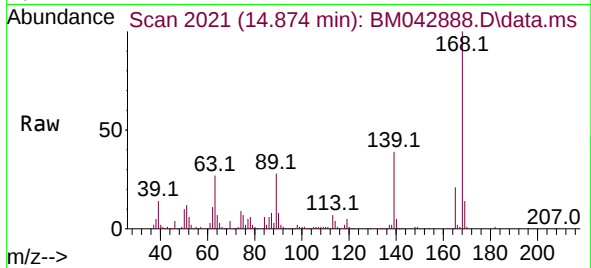




#56
Dibenzenofuran
Concen: 55.015 ng/ul
RT: 14.874 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

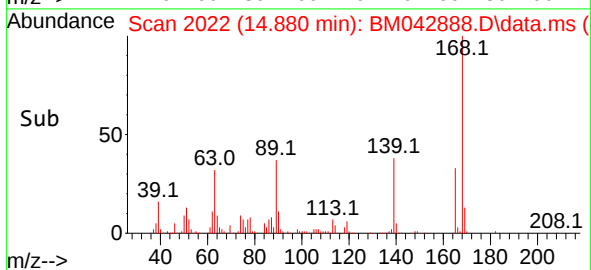
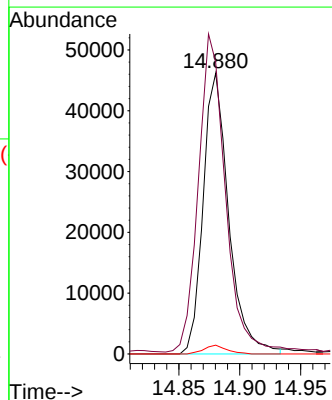
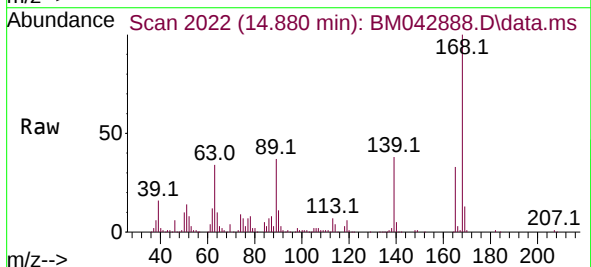
Instrument :
BNA_M
ClientSampleId :

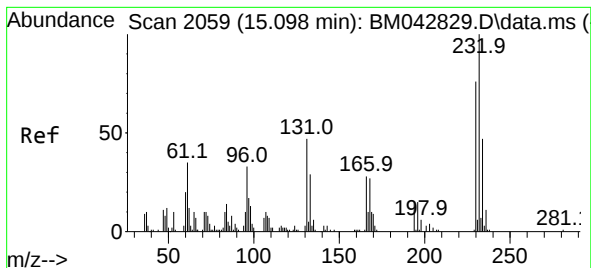
Tgt Ion:168 Resp: 271454
Ion Ratio Lower Upper
168 100
139 39.1 30.8 46.2



#57
2,4-Dinitrotoluene
Concen: 57.437 ng/ul
RT: 14.880 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

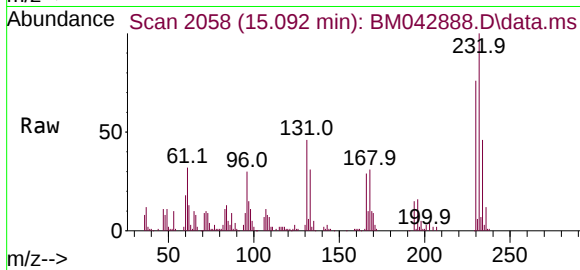
Tgt Ion:165 Resp: 67651
Ion Ratio Lower Upper
165 100
63 103.8 83.5 125.3
182 3.1 2.4 3.6



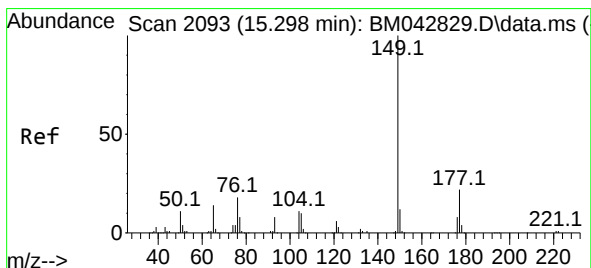
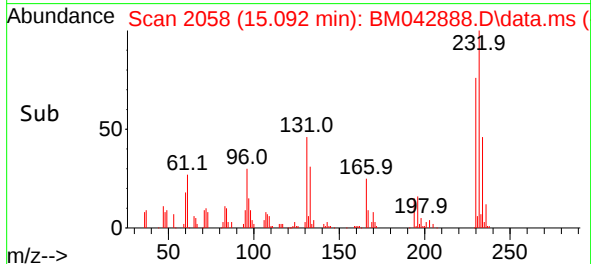
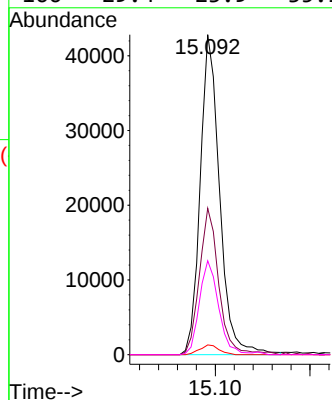


#58
2,3,4,6-Tetrachlorophenol
Concen: 54.848 ng/ul
RT: 15.092 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Instrument :
BNA_M
ClientSampleId :

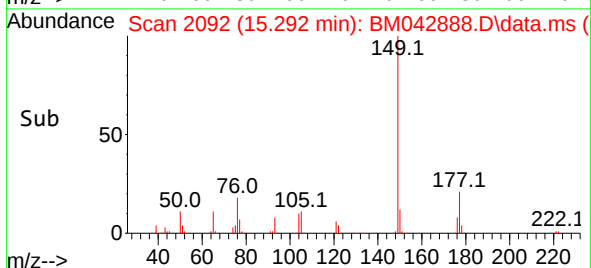
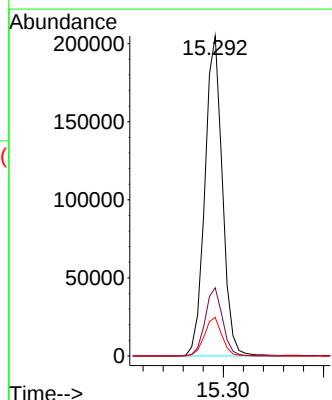
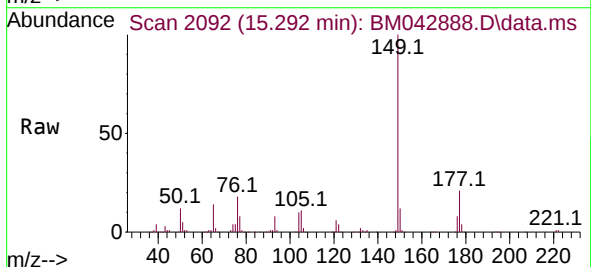


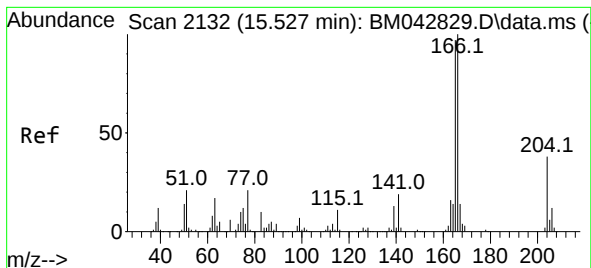
Tgt Ion:232 Resp: 61010
Ion Ratio Lower Upper
232 100
131 45.8 38.9 58.3
130 3.1 1.9 2.9#
166 29.4 23.9 35.9



#59
Diethylphthalate
Concen: 55.542 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion:149 Resp: 248717
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.1 9.7 14.5





#61

Fluorene

Concen: 57.919 ng/ul

RT: 15.521 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

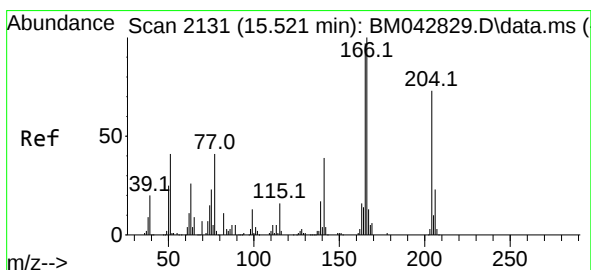
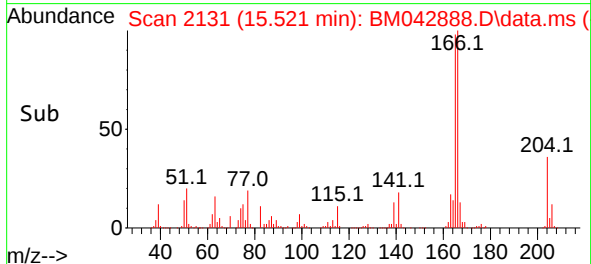
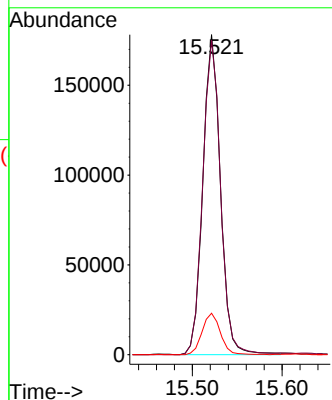
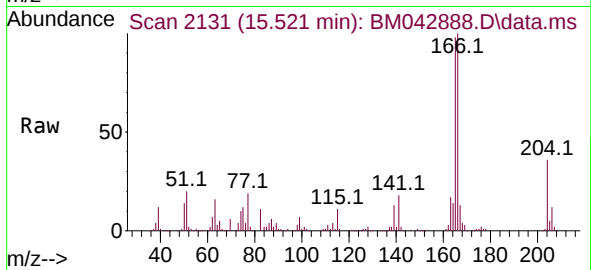
Tgt Ion:166 Resp: 242635

Ion Ratio Lower Upper

166 100

165 98.3 79.3 118.9

167 13.0 10.6 15.8



#62

4-Chlorophenyl-phenylether

Concen: 58.100 ng/ul

RT: 15.515 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

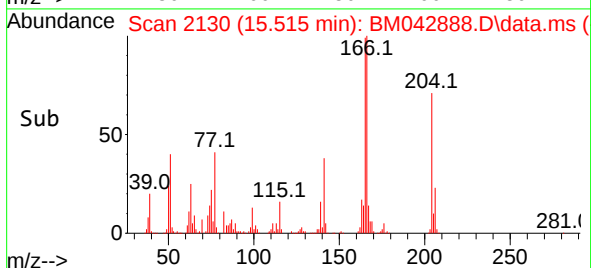
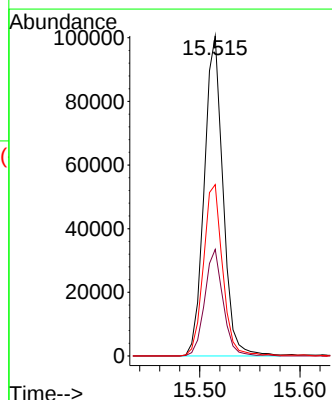
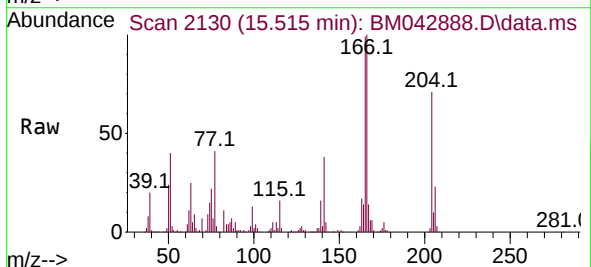
Tgt Ion:204 Resp: 131171

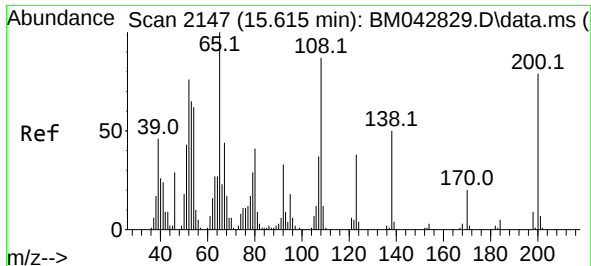
Ion Ratio Lower Upper

204 100

206 33.3 27.0 40.4

141 53.6 46.0 69.0

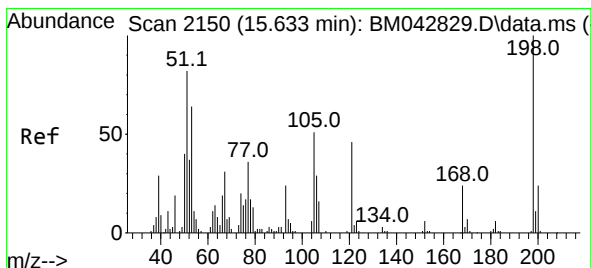
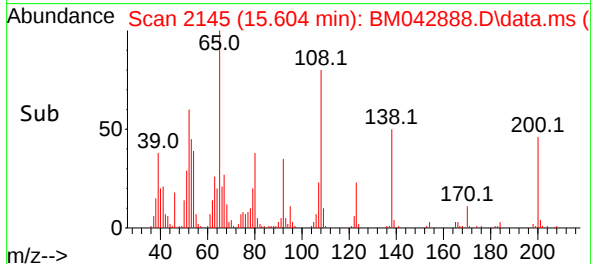
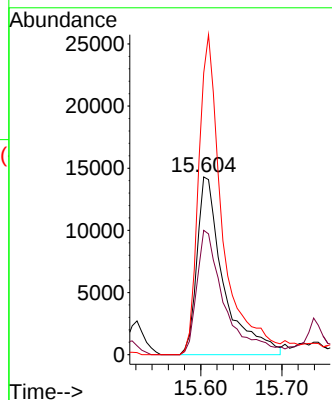
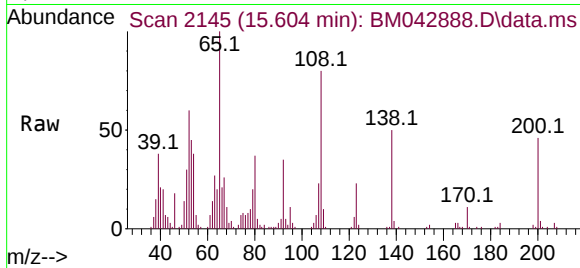




#63
4-Nitroaniline
Concen: 54.504 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

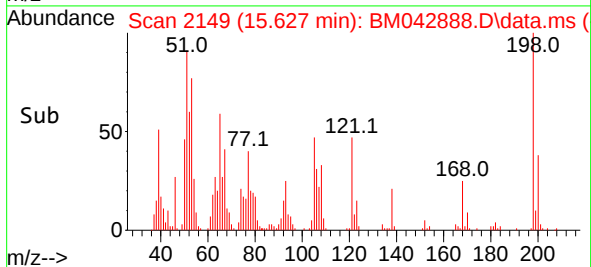
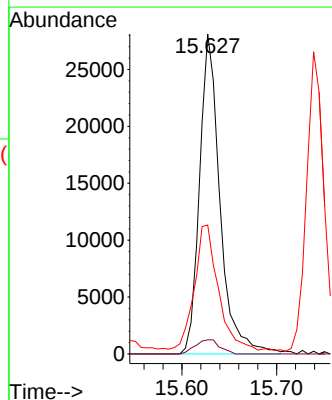
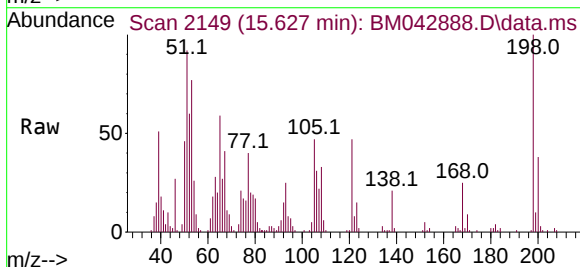
Instrument :
BNA_M
ClientSampleId :

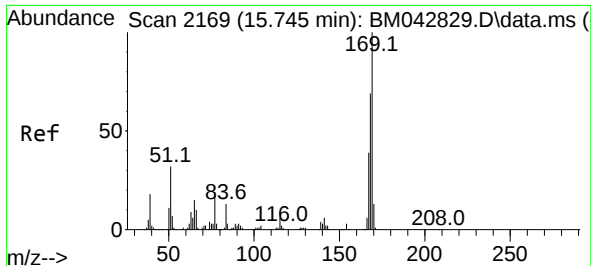
Tgt Ion:138 Resp: 32599
Ion Ratio Lower Upper
138 100
92 70.0 47.4 71.0
108 158.5 129.5 194.3



#66
4,6-Dinitro-2-methylphenol
Concen: 52.687 ng/ul
RT: 15.627 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

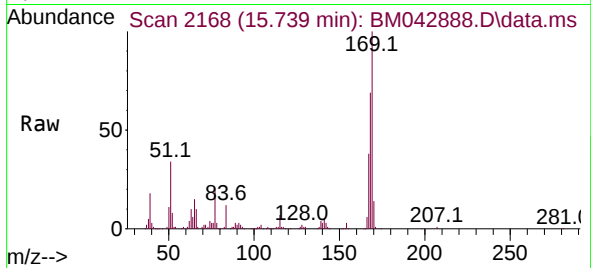
Tgt Ion:198 Resp: 42100
Ion Ratio Lower Upper
198 100
182 4.4 3.4 5.0
77 40.3 26.9 40.3



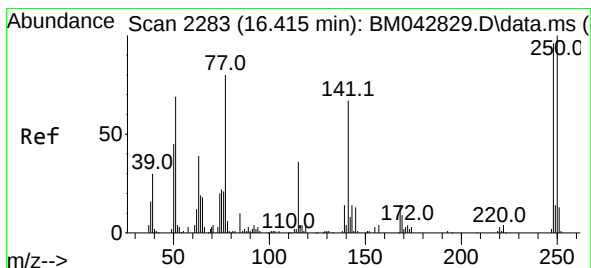
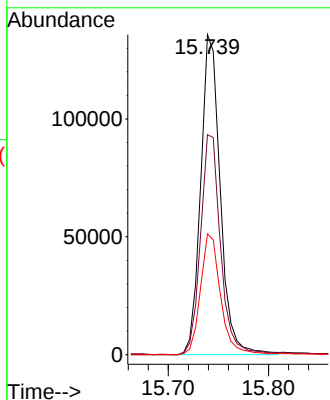
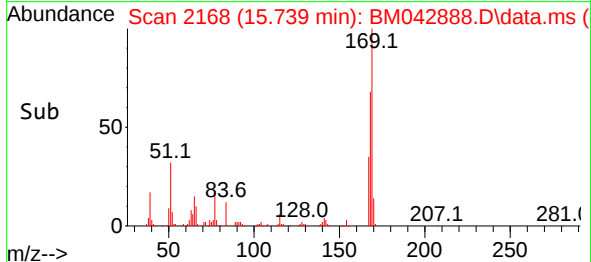


#67
N-Nitrosodiphenylamine
Concen: 57.025 ng/ul
RT: 15.739 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

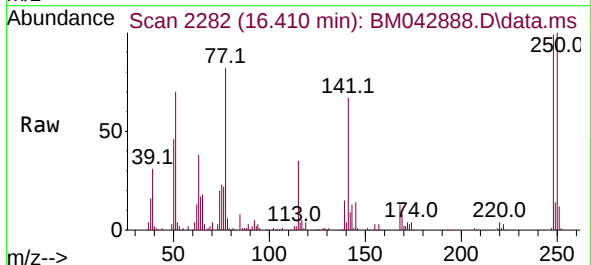
Instrument :
BNA_M
ClientSampleId :



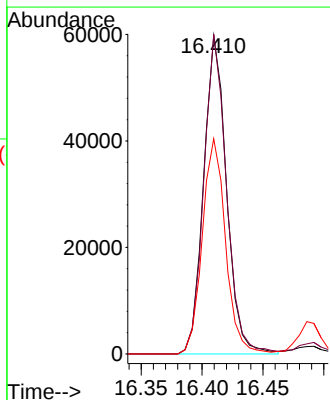
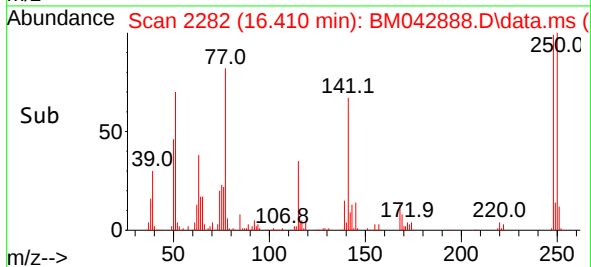
Tgt Ion:169 Resp: 185322
Ion Ratio Lower Upper
169 100
168 68.7 55.8 83.6
167 37.8 31.4 47.2

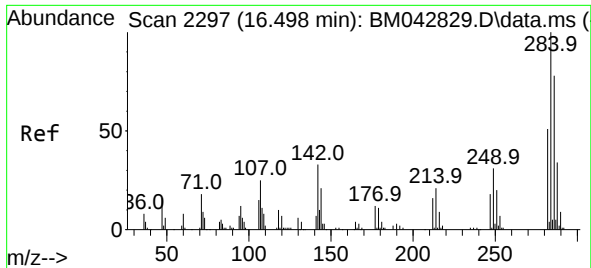


#68
4-Bromophenyl-phenylether
Concen: 56.667 ng/ul
RT: 16.410 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09



Tgt Ion:248 Resp: 78158
Ion Ratio Lower Upper
248 100
250 100.5 84.3 126.5
141 67.6 60.1 90.1

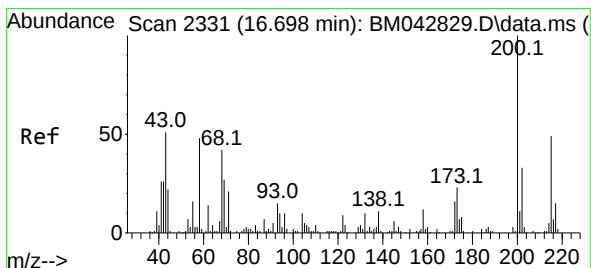
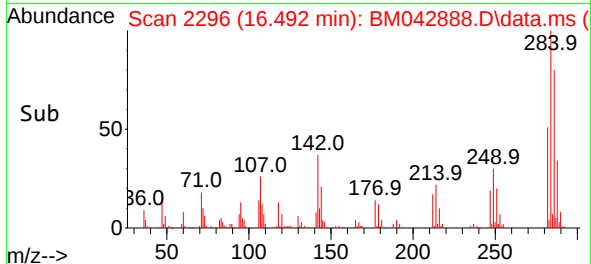
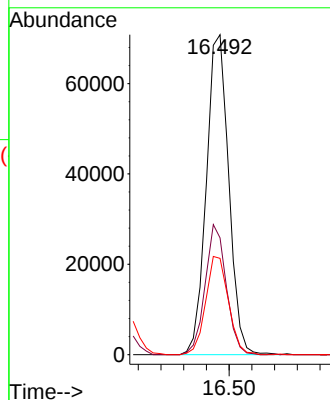
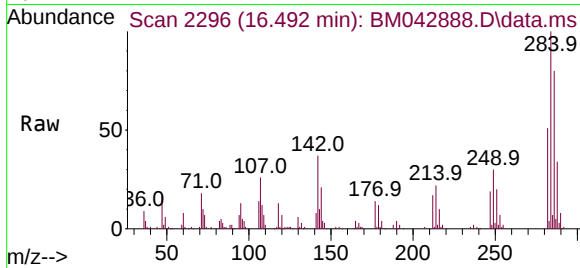




#69
Hexachlorobenzene
Concen: 57.574 ng/ul
RT: 16.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

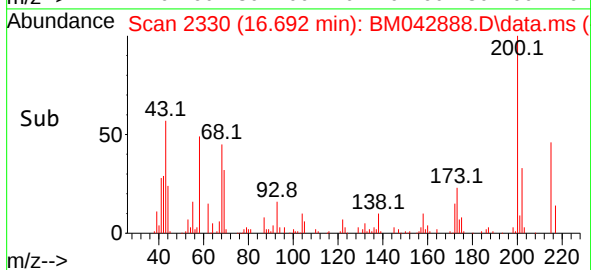
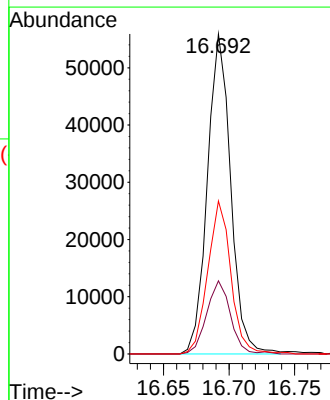
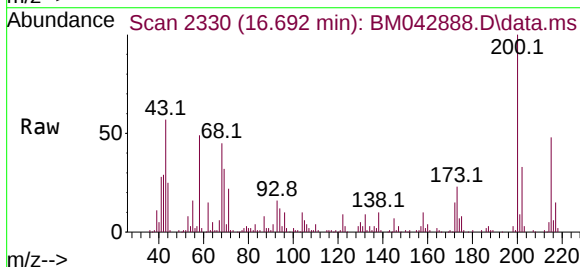
Instrument :
BNA_M
ClientSampleId :

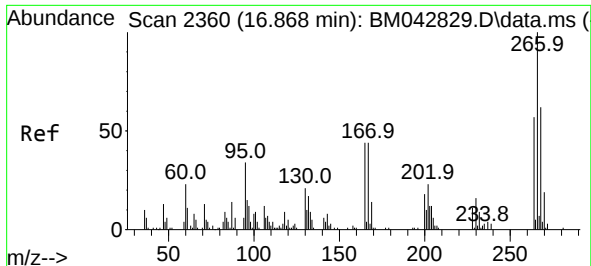
Tgt Ion:284 Resp: 97076
Ion Ratio Lower Upper
284 100
142 36.5 30.5 45.7
249 30.1 25.3 37.9



#70
Atrazine
Concen: 55.265 ng/ul
RT: 16.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion:200 Resp: 69182
Ion Ratio Lower Upper
200 100
173 22.9 19.8 29.6
215 47.8 38.2 57.2

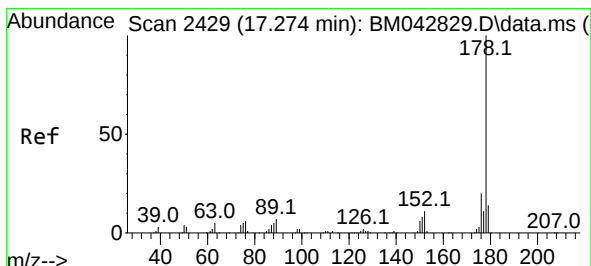
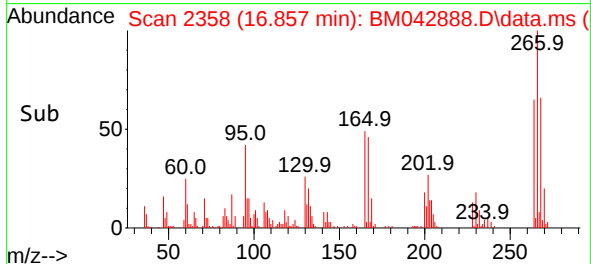
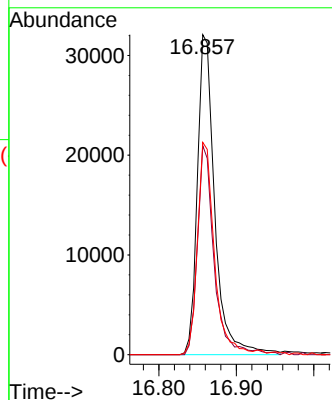
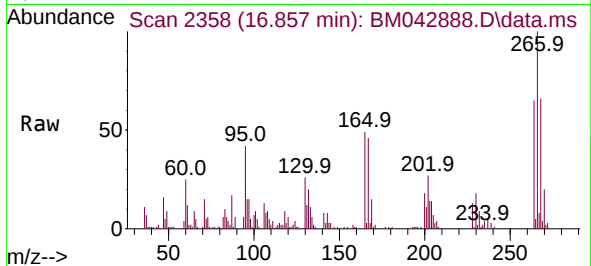




#71
 Pentachlorophenol
 Concen: 51.562 ng/ul
 RT: 16.857 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

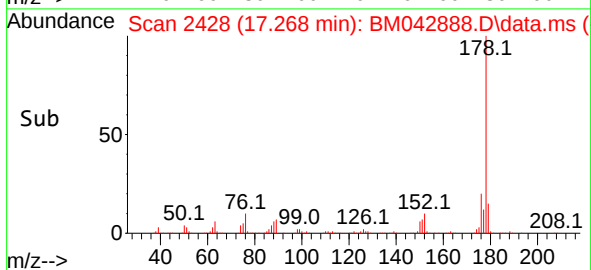
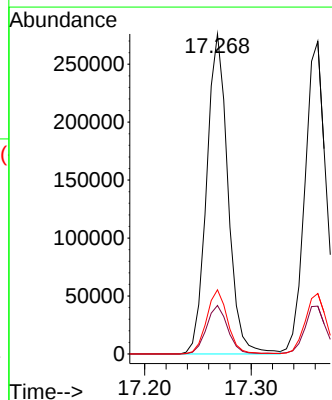
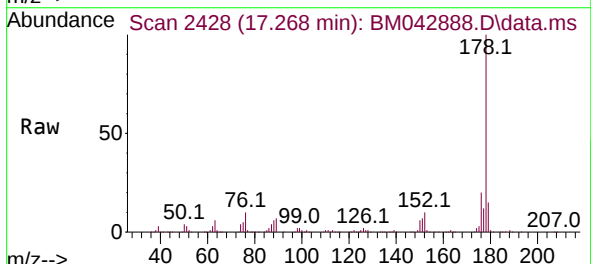
Instrument :
 BNA_M
 ClientSampleId :

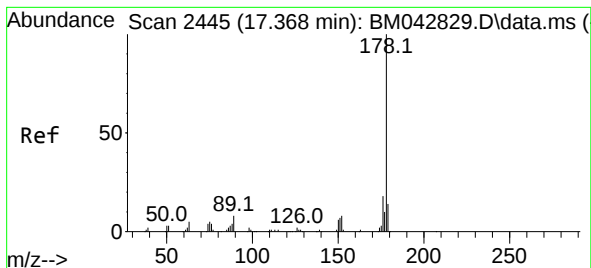
Tgt Ion:266 Resp: 50063
 Ion Ratio Lower Upper
 266 100
 264 65.3 50.3 75.5
 268 66.4 52.1 78.1



#72
 Phenanthrene
 Concen: 59.489 ng/ul
 RT: 17.268 min Scan# 2428
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

Tgt Ion:178 Resp: 385085
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.4 17.2
 176 20.0 15.5 23.3





#74

Anthracene

Concen: 58.906 ng/uI

RT: 17.362 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

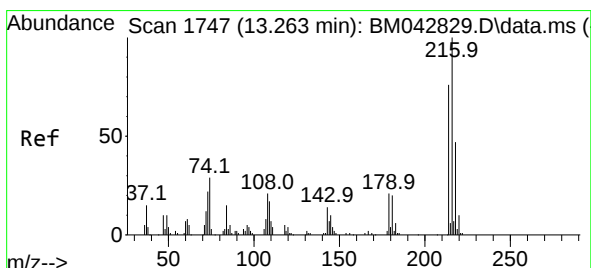
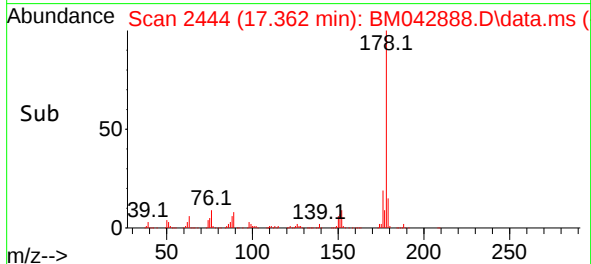
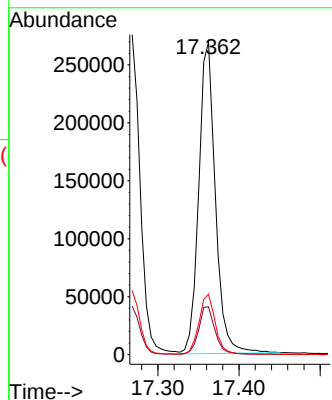
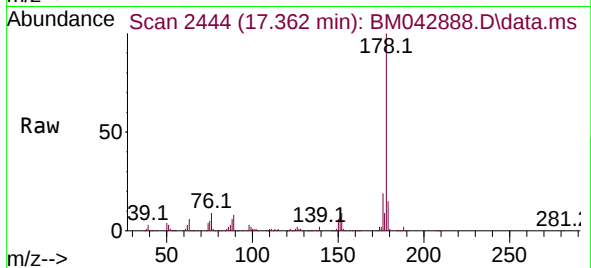
Tgt Ion:178 Resp: 383547

Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

176 19.3 15.7 23.5



#75

1,2,3,4-Tetrachlorobenzene

Concen: 53.341 ng/uI

RT: 13.257 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

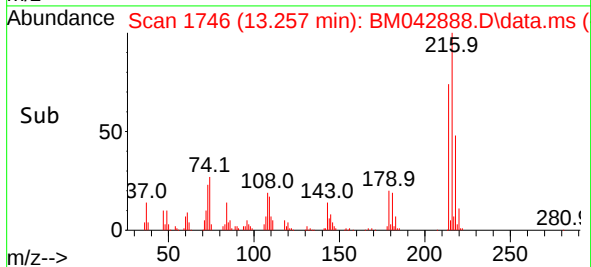
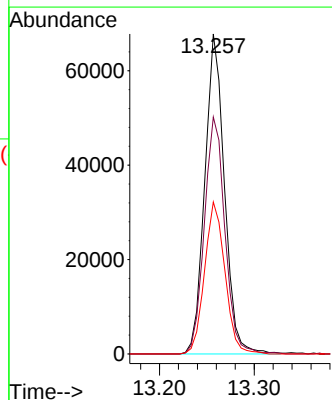
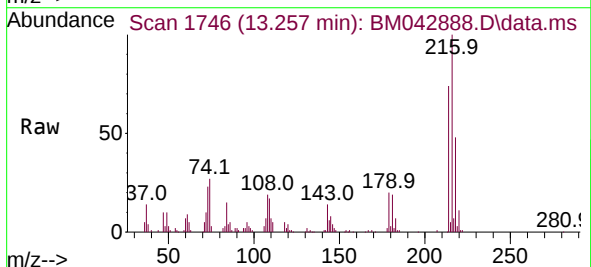
Tgt Ion:216 Resp: 97733

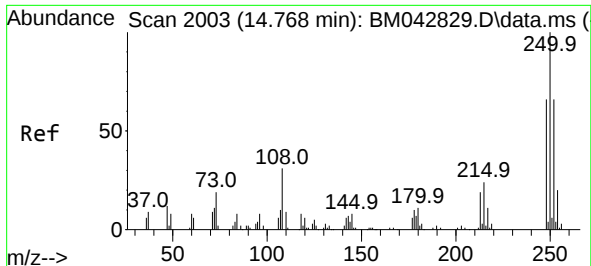
Ion Ratio Lower Upper

216 100

214 74.0 62.6 94.0

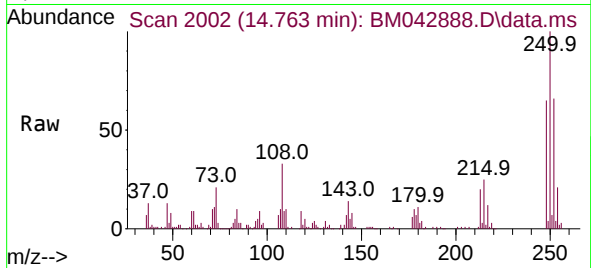
218 47.5 39.3 58.9



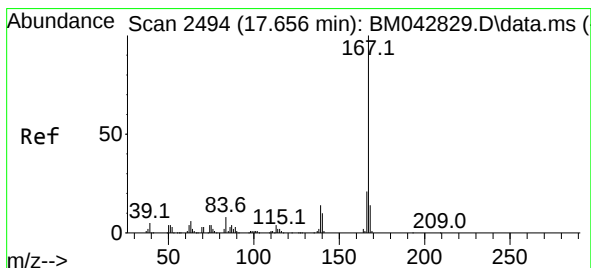
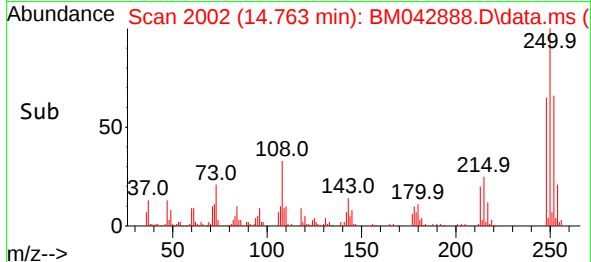
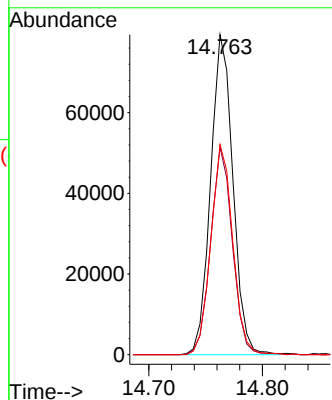


#76
 Pentachlorobenzene
 Concen: 56.255 ng/uL
 RT: 14.763 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

Instrument :
 BNA_M
 ClientSampleId :

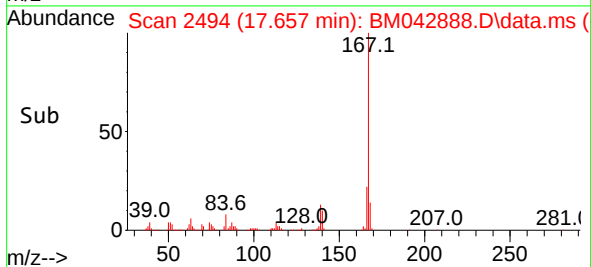
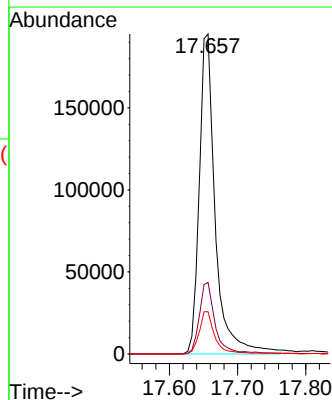
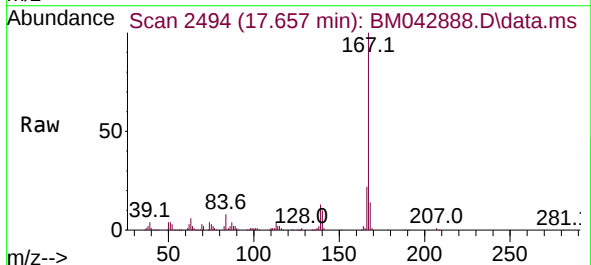


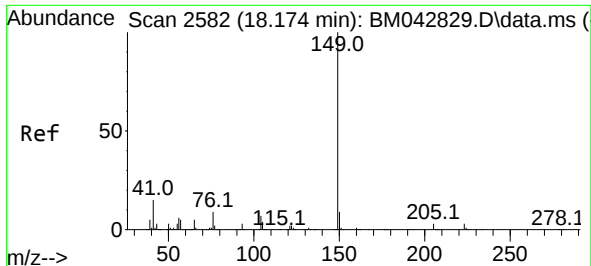
Tgt Ion:250 Resp: 108149
 Ion Ratio Lower Upper
 250 100
 248 64.8 51.0 76.6
 252 65.6 51.8 77.8



#77
 Carbazole
 Concen: 59.125 ng/uL
 RT: 17.657 min Scan# 2494
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

Tgt Ion:167 Resp: 317879
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 13.2 10.8 16.2

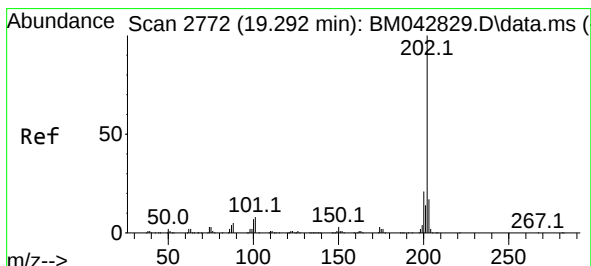
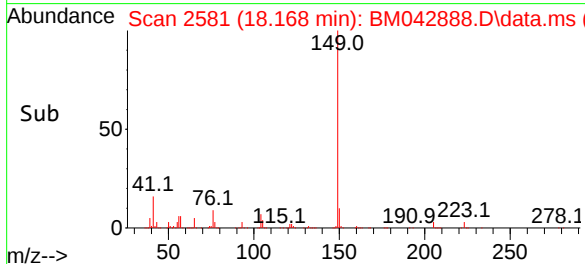
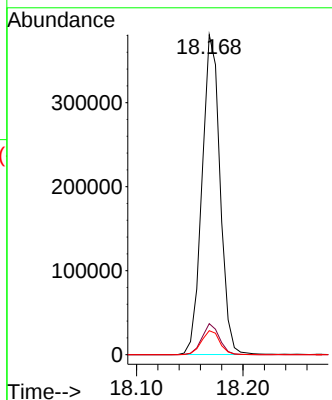
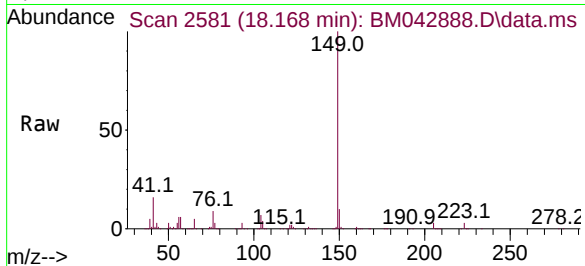




#78
Di-n-butylphthalate
Concen: 56.933 ng/ul
RT: 18.168 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

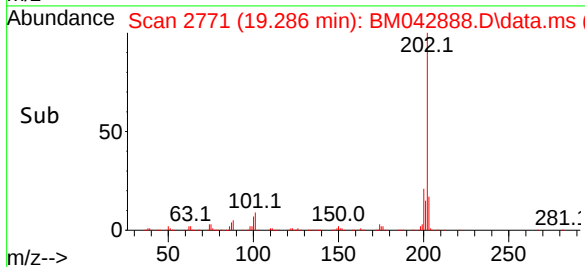
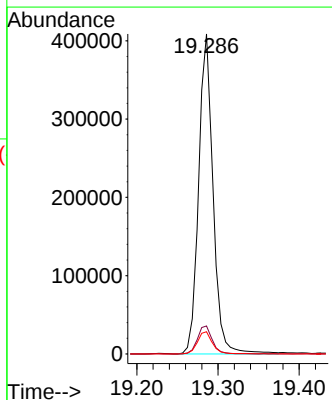
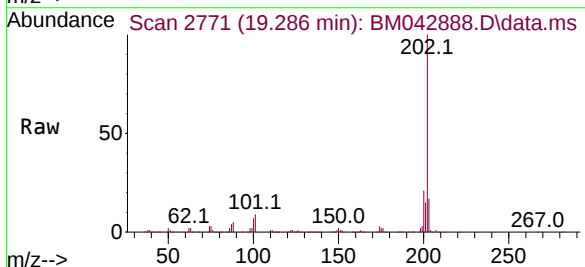
Instrument :
BNA_M
ClientSampleId :

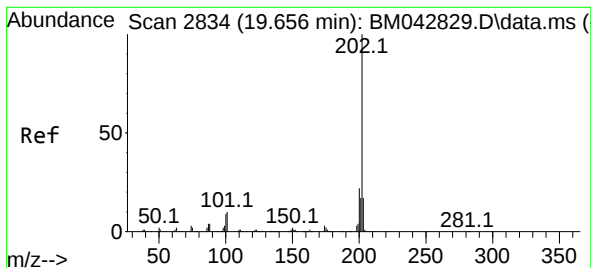
Tgt Ion:149 Resp: 447602
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 7.5 5.3 7.9



#80
Fluoranthene
Concen: 55.896 ng/ul
RT: 19.286 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BM042888.D
Acq: 18 Nov 2023 19:09

Tgt Ion:202 Resp: 505392
Ion Ratio Lower Upper
202 100
101 8.8 6.6 9.8
100 7.0 5.6 8.4





#82

Pyrene

Concen: 56.698 ng/ul

RT: 19.651 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

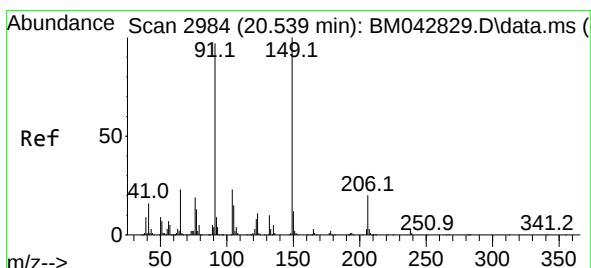
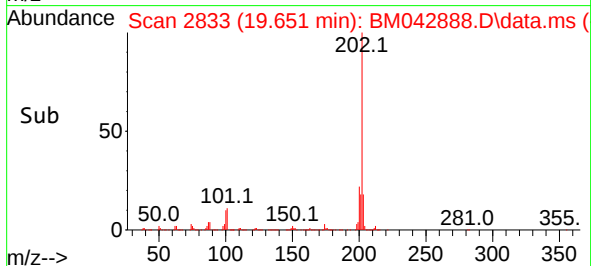
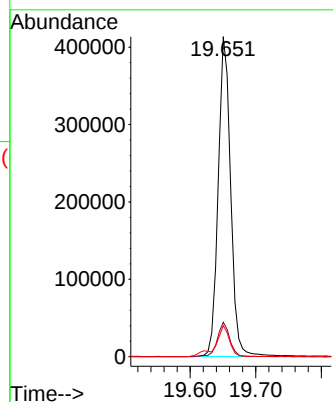
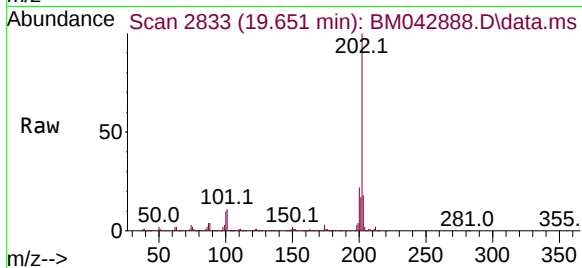
Tgt Ion:202 Resp: 543561

Ion Ratio Lower Upper

202 100

101 10.8 8.1 12.1

100 9.7 6.9 10.3



#83

Butylbenzylphthalate

Concen: 51.626 ng/ul

RT: 20.533 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

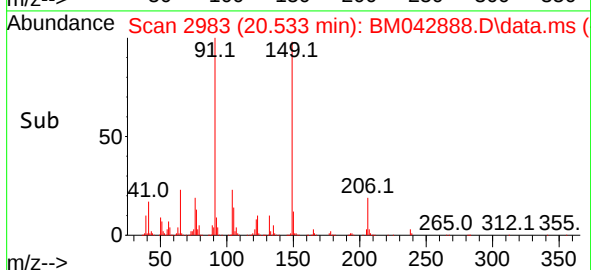
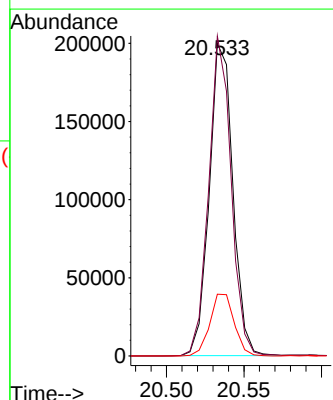
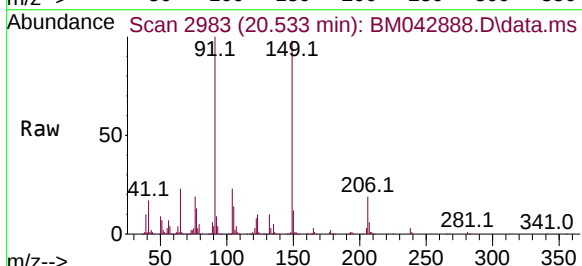
Tgt Ion:149 Resp: 211401

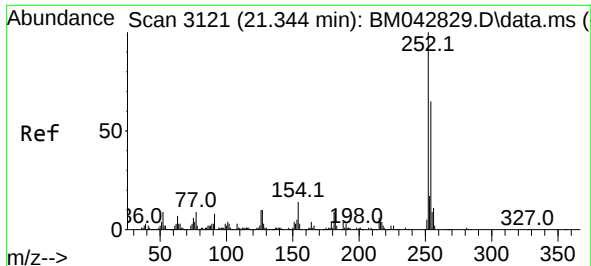
Ion Ratio Lower Upper

149 100

91 102.3 69.3 103.9

206 19.8 16.6 25.0

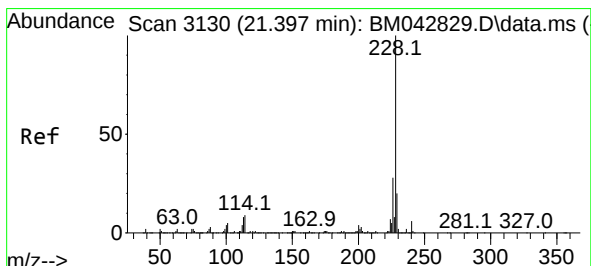
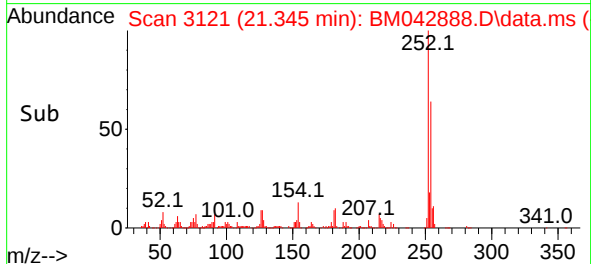
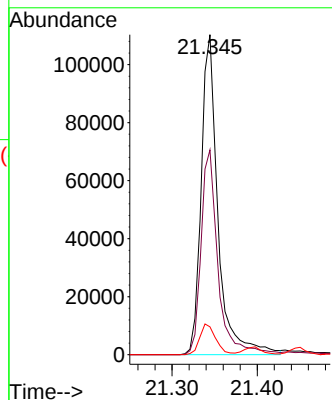
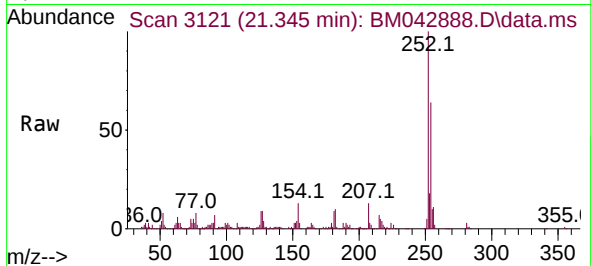




#84
 3,3'-Dichlorobenzidine
 Concen: 48.673 ng/ul
 RT: 21.345 min Scan# 3121
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

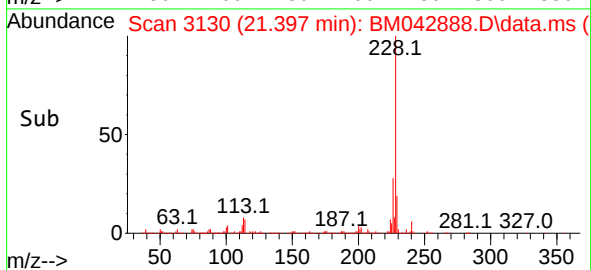
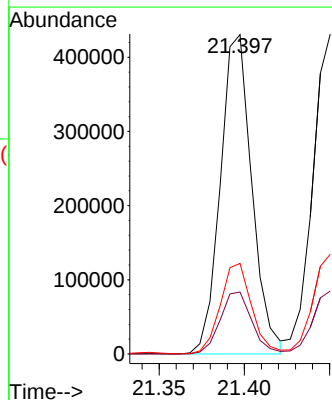
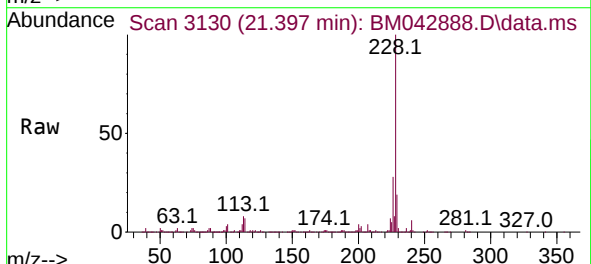
Instrument :
 BNA_M
 ClientSampleId :

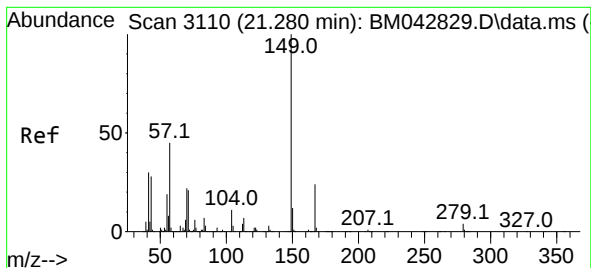
Tgt Ion:252 Resp: 150852
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.8 77.6
 126 8.7 7.8 11.8



#85
 Benzo(a)anthracene
 Concen: 58.245 ng/ul
 RT: 21.397 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

Tgt Ion:228 Resp: 553680
 Ion Ratio Lower Upper
 228 100
 229 19.4 15.8 23.6
 226 28.4 22.5 33.7

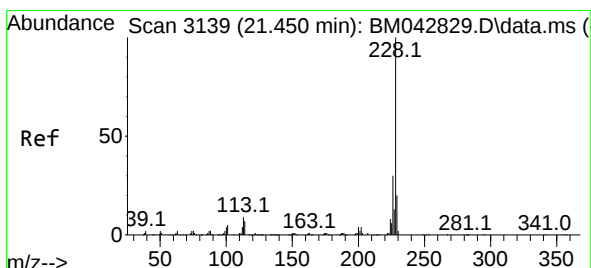
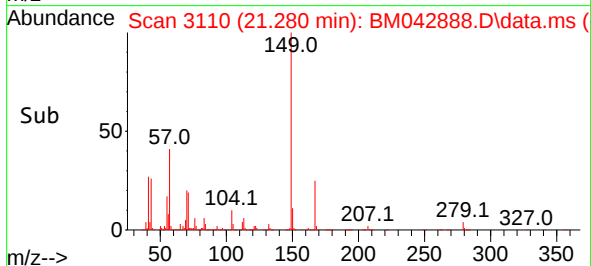
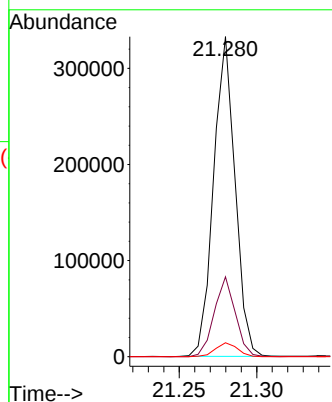
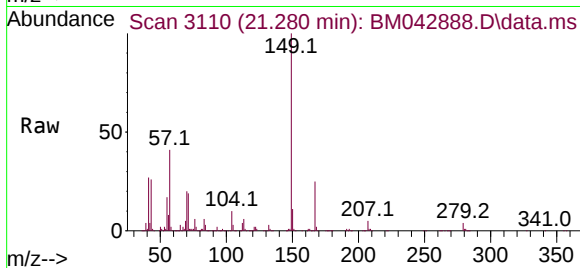




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 51.572 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

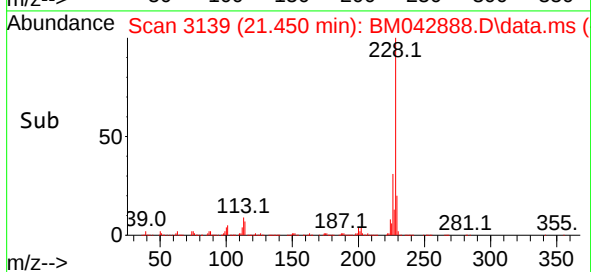
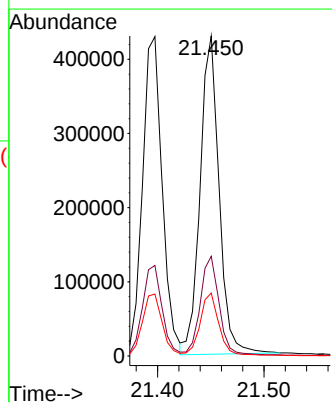
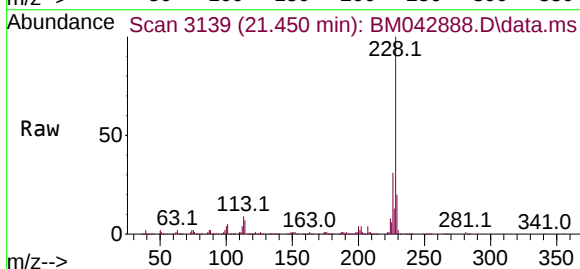
Instrument :
 BNA_M
 ClientSampleId :

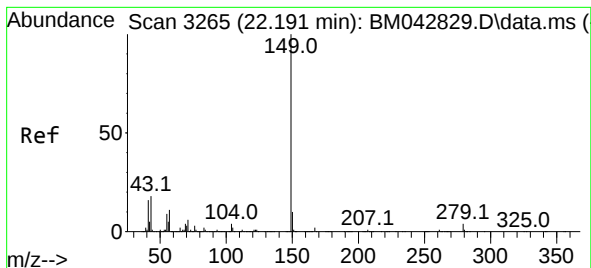
Tgt Ion:149 Resp: 320405
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.6 31.0
 279 4.4 3.5 5.3



#87
 Chrysene
 Concen: 57.841 ng/ul
 RT: 21.450 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

Tgt Ion:228 Resp: 533247
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 19.7 15.7 23.5





#89

Di-n-octyl phthalate

Concen: 58.194 ng/ul

RT: 22.186 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042888.D

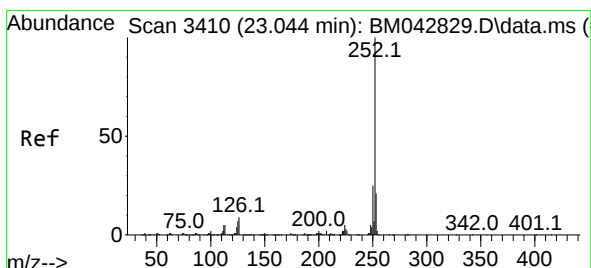
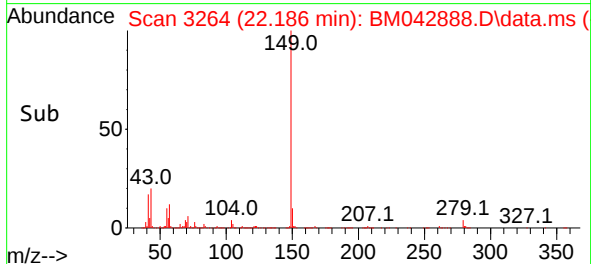
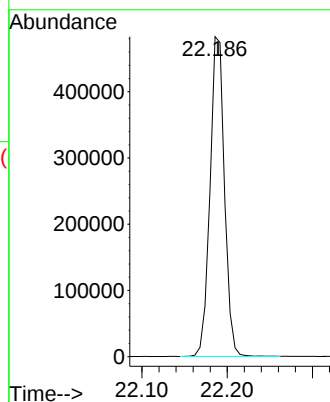
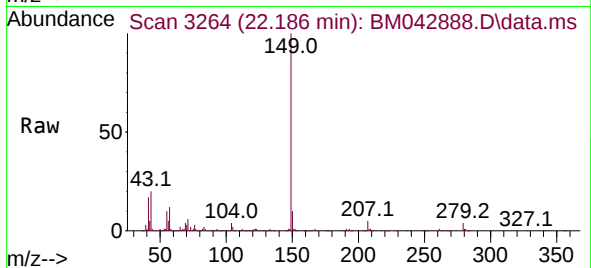
Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 569876



#90

Benzo(b)fluoranthene

Concen: 68.944 ng/ul

RT: 23.044 min Scan# 3410

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

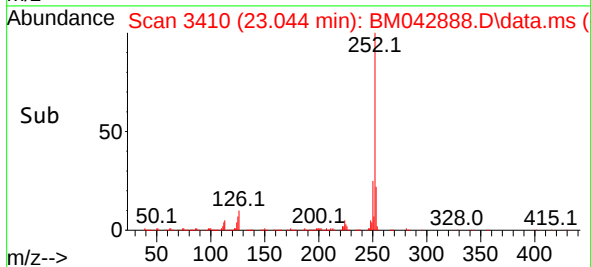
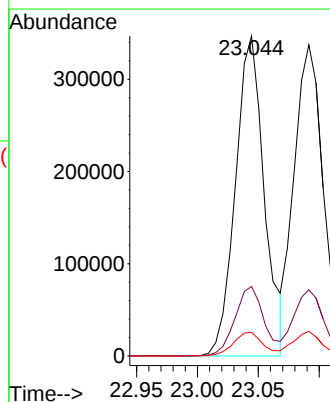
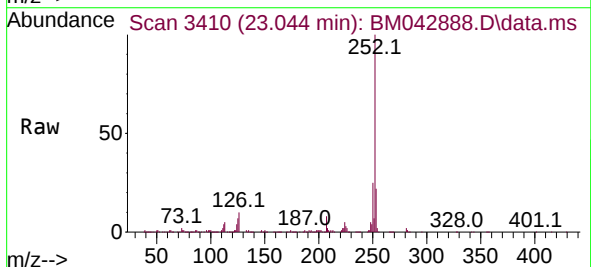
Tgt Ion:252 Resp: 570401

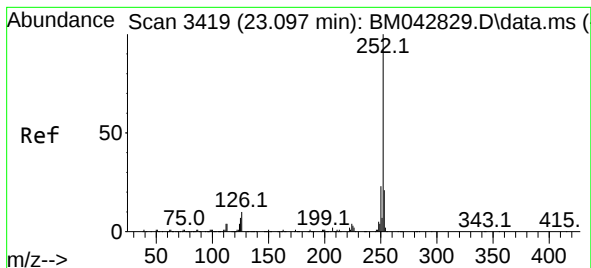
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 7.4 5.2 7.8





#91

Benzo(k)fluoranthene

Concen: 66.543 ng/ul

RT: 23.091 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

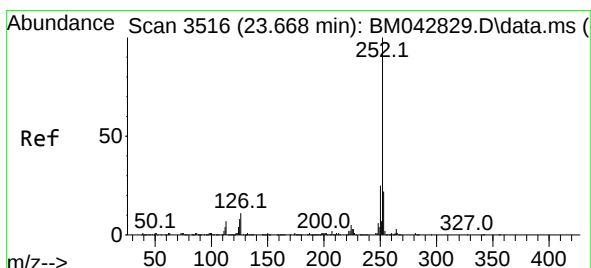
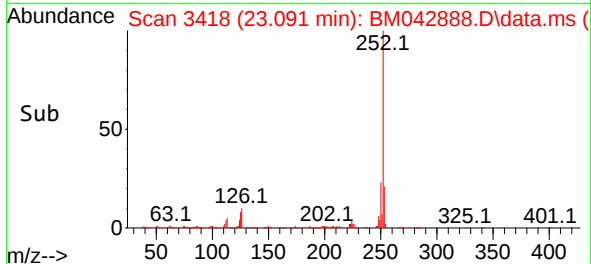
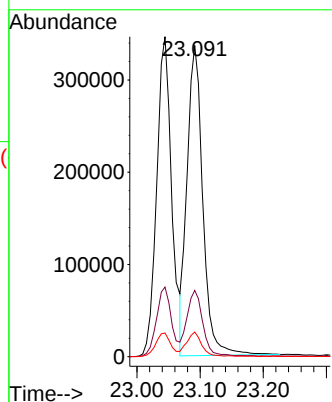
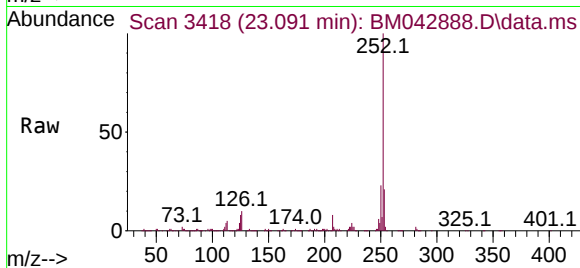
Tgt Ion:252 Resp: 586048

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 7.9 5.5 8.3



#93

Benzo(a)pyrene

Concen: 65.754 ng/ul

RT: 23.662 min Scan# 3515

Delta R.T. 0.000 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

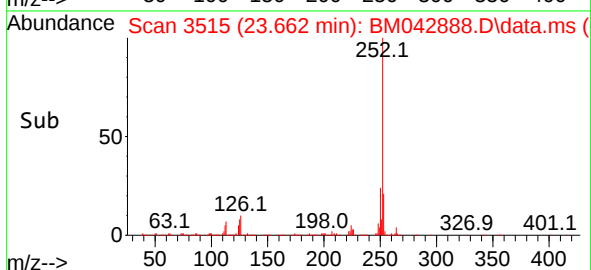
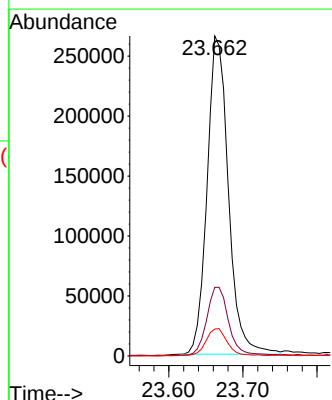
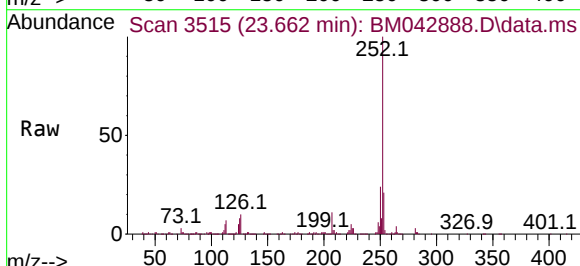
Tgt Ion:252 Resp: 530100

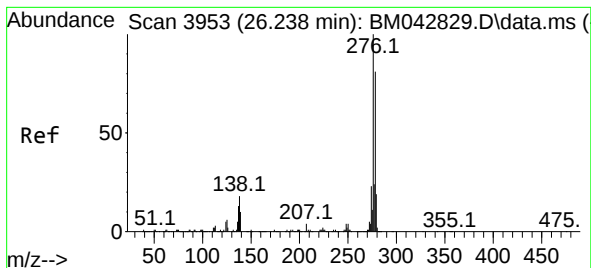
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 8.4 6.3 9.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 67.531 ng/ul

RT: 26.232 min Scan# 3952

Delta R.T. 0.006 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

Instrument :

BNA_M

ClientSampleId :

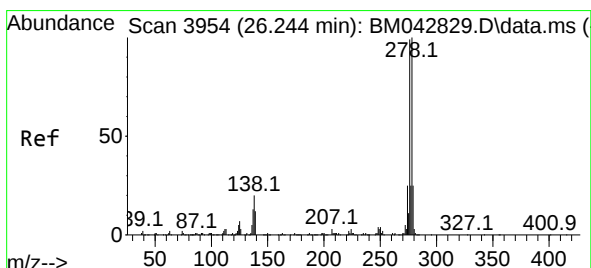
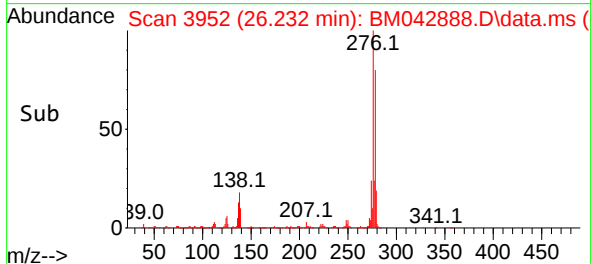
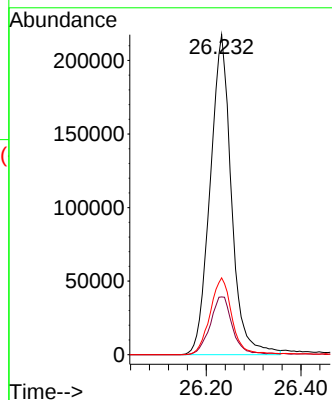
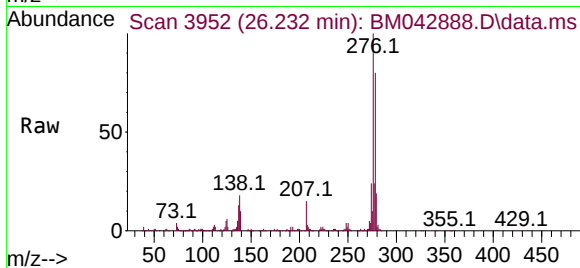
Tgt Ion:276 Resp: 676610

Ion Ratio Lower Upper

276 100

138 18.0 13.8 20.8

277 24.0 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 67.403 ng/ul

RT: 26.244 min Scan# 3954

Delta R.T. 0.006 min

Lab File: BM042888.D

Acq: 18 Nov 2023 19:09

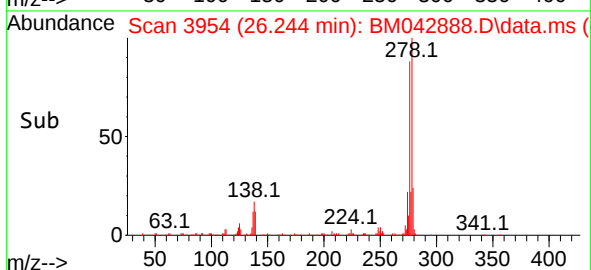
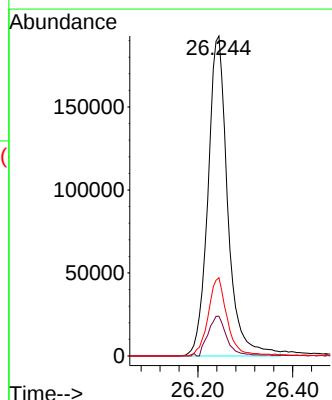
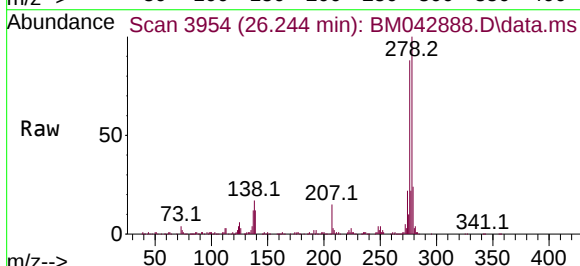
Tgt Ion:278 Resp: 559884

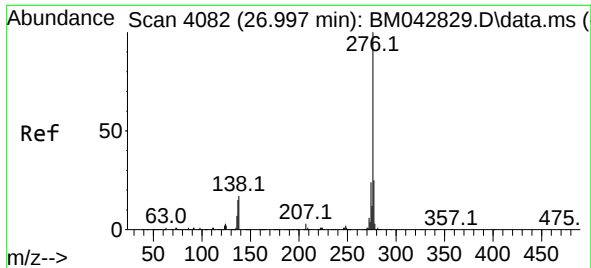
Ion Ratio Lower Upper

278 100

139 12.4 9.0 13.4

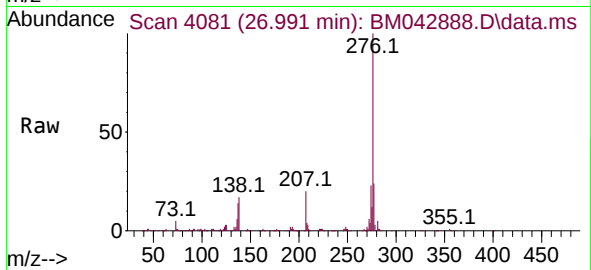
279 24.5 18.8 28.2





#96
 Benzo(g,h,i)perylene
 Concen: 65.443 ng/ul
 RT: 26.991 min Scan# 4081
 Delta R.T. 0.000 min
 Lab File: BM042888.D
 Acq: 18 Nov 2023 19:09

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 520665
 Ion Ratio Lower Upper
 276 100
 138 16.8 13.0 19.6
 277 23.6 18.4 27.6

