

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042870.D
 Acq On : 18 Nov 2023 07:38
 Operator : MA/JU
 Sample : 05226-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 21:07:10 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	22486	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.628	136	88983	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.474	164	59117	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.227	188	136405	20.000	ng/u1	-0.01
79) Chrysene-d12	21.409	240	164075	20.000	ng/u1	#-0.01
88) Perylene-d12	23.768	264	170237	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	3189	4.450	ng/uL	0.00
4) Pyridine-d5	3.616	84	21716	12.183	ng/u1	0.00
7) Phenol-d5	6.992	99	12114	5.535	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	63731	41.444	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.340	132	42433	25.129	ng/u1	-0.01
15) 4-Methylphenol-d8	8.539	113	27990	16.244	ng/u1	-0.01
21) Nitrobenzene-d5	9.016	128	28414	36.421	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	28520	31.250	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.251	165	54604	32.177	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.804	131	64861	30.103	ng/u1	-0.01
46) Dimethylphthalate-d6	13.898	166	214570	38.350	ng/u1	0.00
49) Acenaphthylene-d8	14.174	160	225336	37.641	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.763	143	16422	25.979	ng/u1	0.02
60) Fluorene-d10	15.468	176	183164	39.533	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	35292	34.157	ng/u1	-0.01
73) Anthracene-d10	17.327	188	315544	41.277	ng/u1	-0.01
81) Pyrene-d10	19.621	212	423449	39.412	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.615	264	437758	42.990	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	4507	5.906	ng/uL	91
5) Pyridine	3.634	79	26714	13.782	ng/u1	96
6) Benzaldehyde	6.981	77	59283	47.215	ng/u1	94
8) Phenol	7.016	94	14350	6.592	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.257	93	72522	40.332	ng/u1	88
12) 2-Chlorophenol	7.369	128	46004	27.375	ng/u1#	87
13) 2-Methylphenol	8.269	108	33992	20.940	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.328	45	90944	27.783	ng/u1	97
16) Acetophenone	8.669	105	109515	37.797	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.634	70	71563	40.573	ng/u1	89
18) 4-Methylphenol	8.604	108	30563	17.318	ng/u1	98
19) Hexachloroethane	8.869	117	34551	36.888	ng/u1	84
22) Nitrobenzene	9.063	77	102047	43.278	ng/u1	94
23) Isophorone	9.569	82	190280	40.517	ng/u1	96
25) 2-Nitrophenol	9.763	139	33031	35.623	ng/u1	91
26) 2,4-Dimethylphenol	9.804	107	59622	30.053	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.057	93	100331	42.278	ng/u1	98
29) 2,4-Dichlorophenol	10.280	162	55460	34.519	ng/u1	97
30) Naphthalene	10.680	128	219077	39.299	ng/u1	99
32) 4-Chloroaniline	10.828	127	64832	31.364	ng/u1	100
33) Hexachlorobutadiene	10.898	225	53574	37.749	ng/u1	97
34) Caprolactam	11.669	113	929	1.950	ng/u1#	75
35) 4-Chloro-3-methylphenol	11.933	107	51789	30.082	ng/u1	98
36) 2-Methylnaphthalene	12.292	142	146525	39.217	ng/u1	98

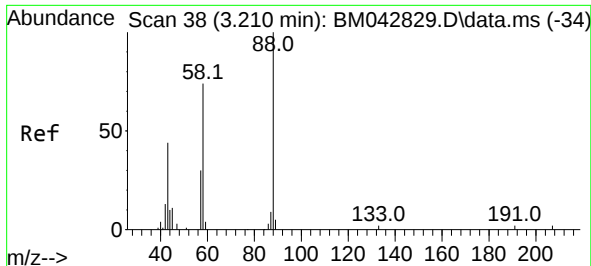
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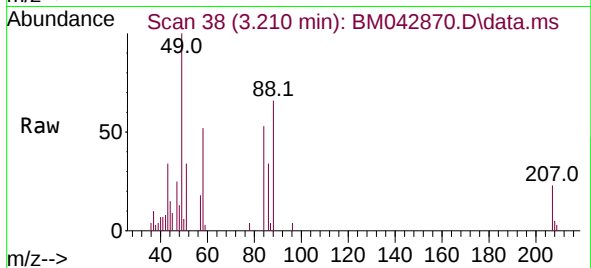
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	151151	38.478	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.645	216	95233	41.075	ng/ul	98
40) Hexachlorocyclopentadiene	12.586	237	24069	21.928	ng/ul	90
41) 2,4,6-Trichlorophenol	12.904	196	54150	38.237	ng/ul	95
42) 2,4,5-Trichlorophenol	12.980	196	53343	39.009	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	207051	41.997	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	163343	41.184	ng/ul	97
45) 2-Nitroaniline	13.604	65	63782	49.310	ng/ul	91
47) Dimethylphthalate	13.945	163	227118	41.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	42776	41.781	ng/ul	90
50) Acenaphthylene	14.204	152	278790	41.562	ng/ul	99
51) 3-Nitroaniline	14.439	138	31332	37.425	ng/ul	91
52) Acenaphthene	14.539	153	192533	42.440	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	15397	30.246	ng/ul#	84
55) 4-Nitrophenol	14.763	109	11153	11.212	ng/ul#	23
56) Dibenzofuran	14.874	168	268813	42.692	ng/ul	97
57) 2,4-Dinitrotoluene	14.880	165	67764	45.084	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.098	232	57289	40.359	ng/ul	94
59) Diethylphthalate	15.292	149	244430	42.774	ng/ul	99
61) Fluorene	15.521	166	244592	45.754	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.515	204	128557	44.622	ng/ul	99
63) 4-Nitroaniline	15.610	138	31928	41.832	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.633	198	41456	39.410	ng/ul	93
67) N-Nitrosodiphenylamine	15.745	169	186962	43.701	ng/ul	99
68) 4-Bromophenyl-phenylether	16.415	248	78081	43.004	ng/ul	89
69) Hexachlorobenzene	16.492	284	94170	42.426	ng/ul	99
70) Atrazine	16.698	200	71775	43.555	ng/ul	97
71) Pentachlorophenol	16.862	266	47321	37.023	ng/ul	99
72) Phenanthrene	17.268	178	393040	46.123	ng/ul	98
74) Anthracene	17.362	178	394214	45.992	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.263	216	98506	40.840	ng/uL	99
76) Pentachlorobenzene	14.768	250	105290	41.604	ng/uL	97
77) Carbazole	17.656	167	323618	45.724	ng/ul	99
78) Di-n-butylphthalate	18.174	149	451197	43.596	ng/ul	98
80) Fluoranthene	19.286	202	517958	42.280	ng/ul	98
82) Pyrene	19.650	202	560371	43.140	ng/ul	98
83) Butylbenzylphthalate	20.539	149	211480	38.117	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.344	252	146114	34.795	ng/ul	98
85) Benzo(a)anthracene	21.397	228	575078	44.650	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	316728	37.627	ng/ul	98
87) Chrysene	21.450	228	551468	44.149	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	546634	39.751	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	559061	48.121	ng/ul#	99
91) Benzo(k)fluoranthene	23.044	252	559061	45.205	ng/ul	98
93) Benzo(a)pyrene	23.668	252	536961	47.432	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.232	276	673810	47.892	ng/ul	99
95) Dibenzo(a,h)anthracene	26.244	278	561549	48.142	ng/ul	98
96) Benzo(g,h,i)perylene	26.997	276	522450	46.763	ng/ul	99

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

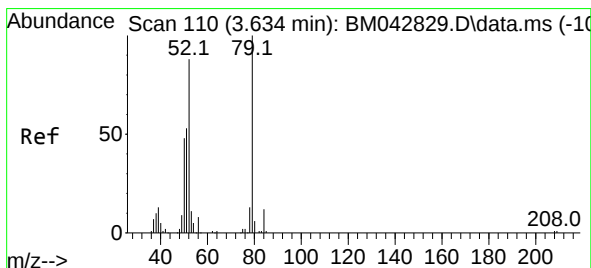
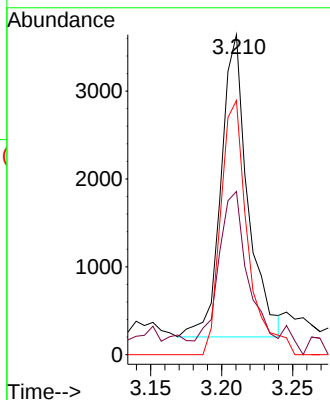
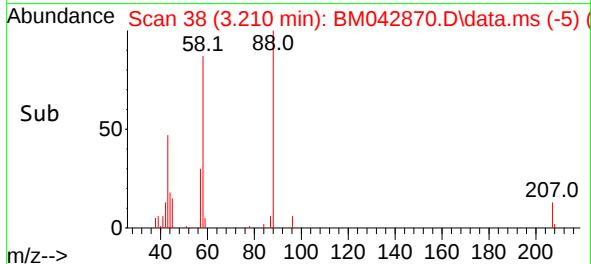


#2
1,4-Dioxane
Concen: 5.906 ng/uL
RT: 3.210 min Scan# 38
Delta R.T. -0.006 min
Lab File: BM042870.D
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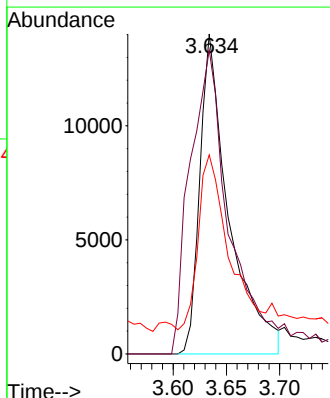
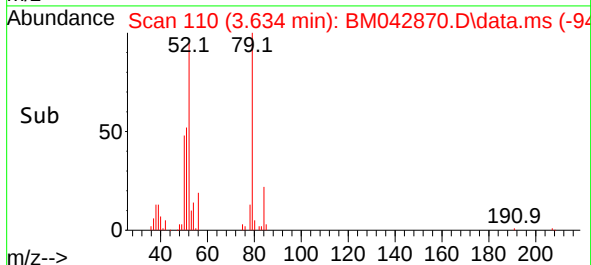
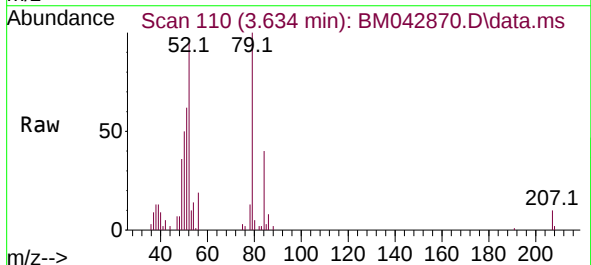


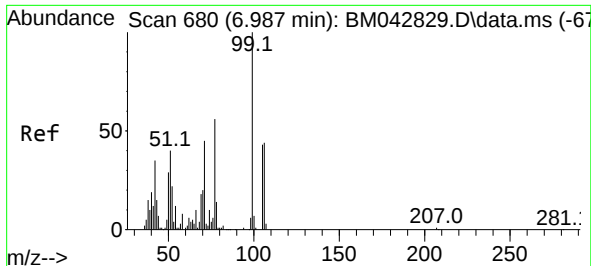
Tgt Ion: 88 Resp: 4507
Ion Ratio Lower Upper
88 100
43 51.0 34.3 51.5
58 79.5 59.4 89.0



#5
Pyridine
Concen: 13.782 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion: 79 Resp: 26714
Ion Ratio Lower Upper
79 100
52 95.0 74.6 111.8
51 62.2 44.6 67.0

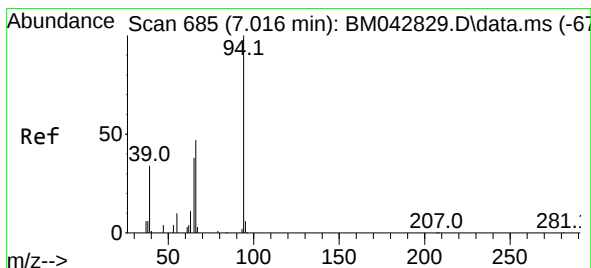
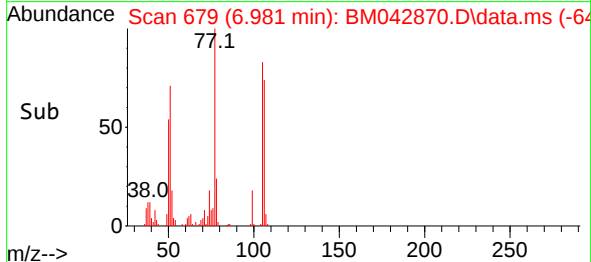
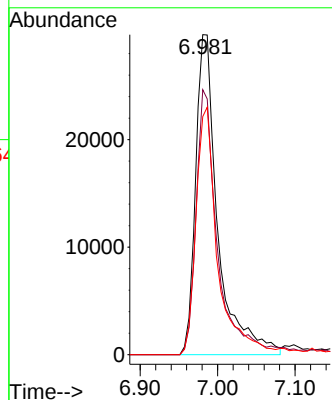
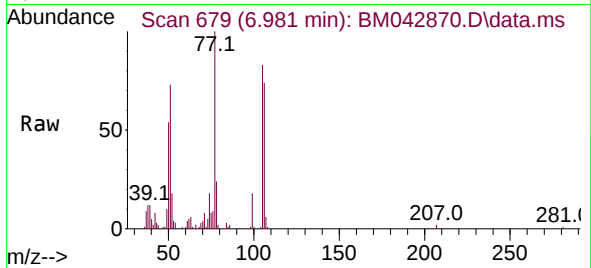




#6
Benzaldehyde
Concen: 47.215 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

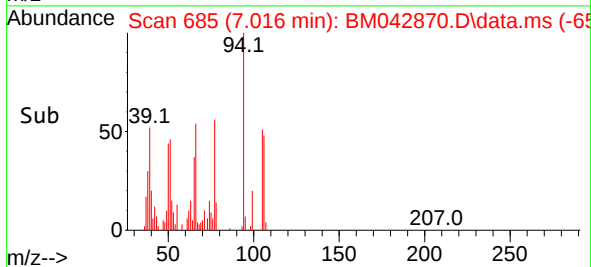
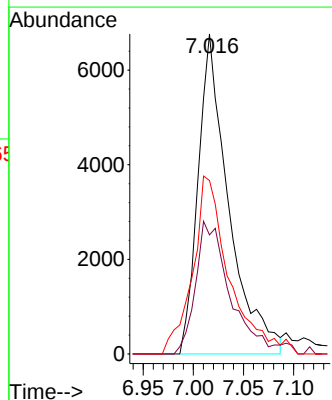
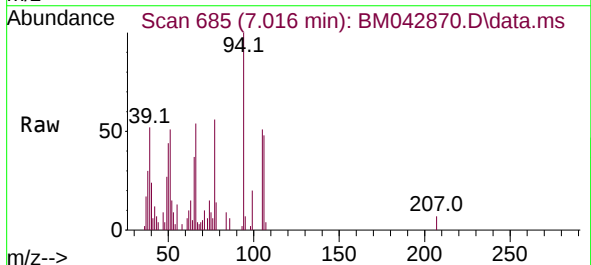
Instrument :
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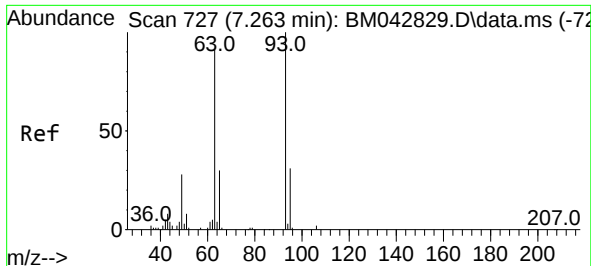
Tgt Ion: 77 Resp: 59283
Ion Ratio Lower Upper
77 100
105 82.8 69.6 104.4
106 74.4 64.2 96.2



#8
Phenol
Concen: 6.592 ng/ul
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion: 94 Resp: 14350
Ion Ratio Lower Upper
94 100
65 37.2 30.3 45.5
66 54.2 39.9 59.9

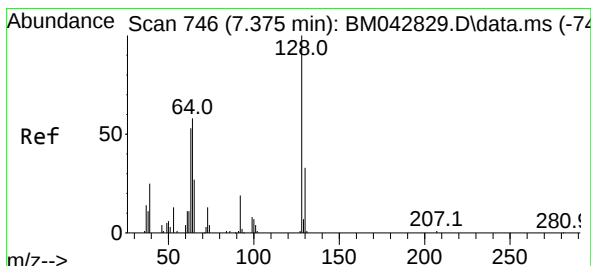
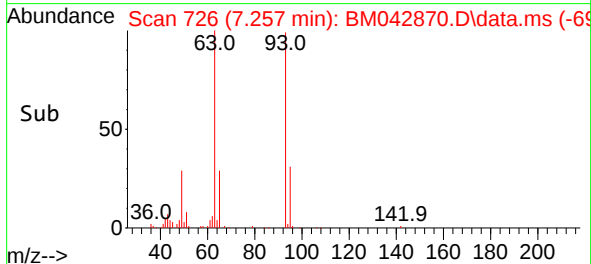
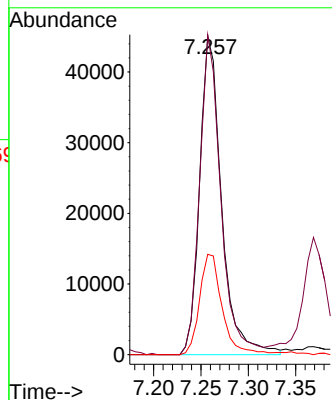
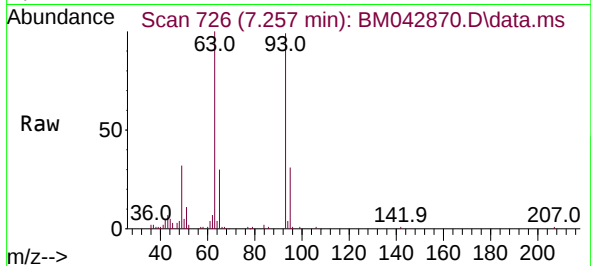




#10
Bis(2-Chloroethyl)ether
Concen: 40.332 ng/ul
RT: 7.257 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

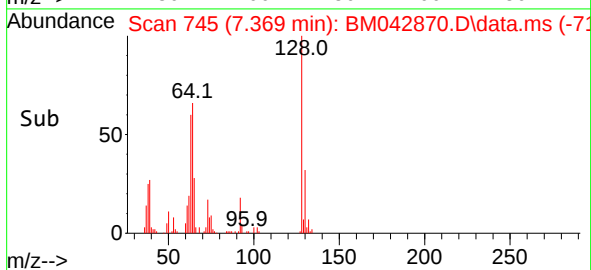
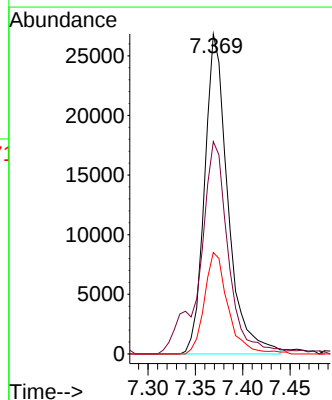
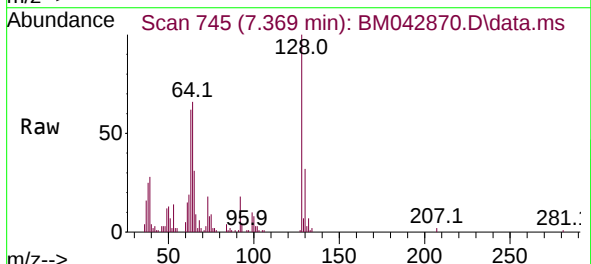
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ClientSampleId :

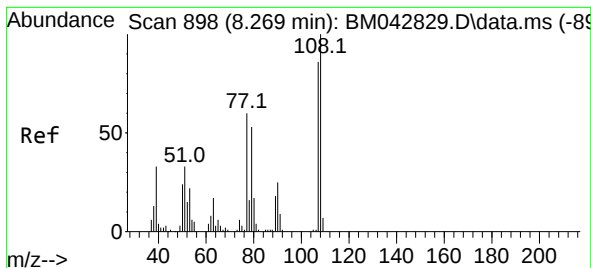
Tgt Ion: 93 Resp: 72522
Ion Ratio Lower Upper
93 100
63 100.7 68.6 102.8
95 31.6 24.8 37.2



#12
2-Chlorophenol
Concen: 27.375 ng/ul
RT: 7.369 min Scan# 745
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion: 128 Resp: 46004
Ion Ratio Lower Upper
128 100
64 66.4 42.9 64.3#
130 31.7 23.9 35.9





#13

2-Methylphenol

Concen: 20.940 ng/ul

RT: 8.269 min Scan# 898

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

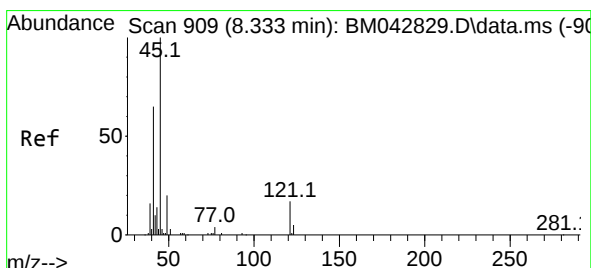
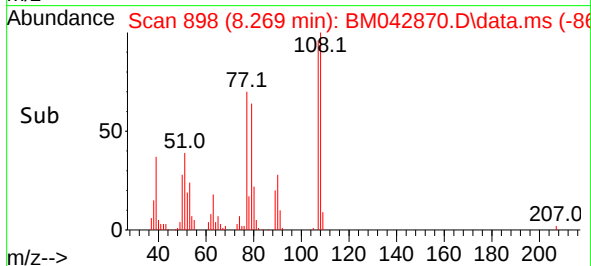
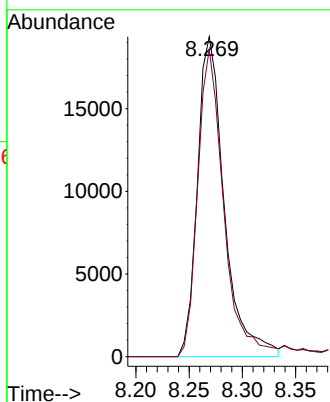
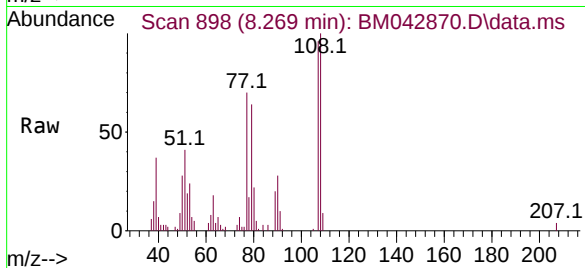
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Tgt Ion:108 Resp: 33992

Ion Ratio Lower Upper

108 100

107 96.1 70.4 105.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.783 ng/ul

RT: 8.328 min Scan# 908

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

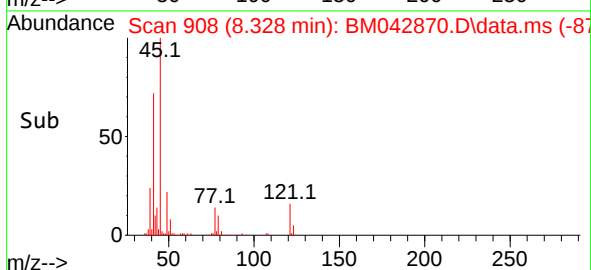
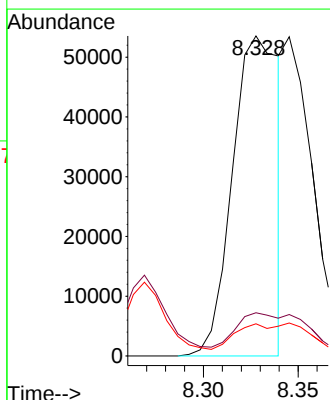
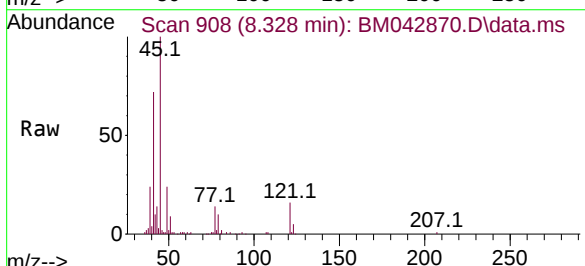
Tgt Ion: 45 Resp: 90944

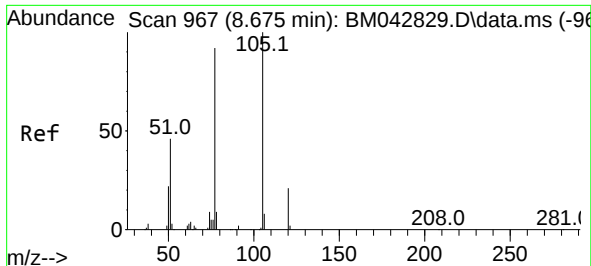
Ion Ratio Lower Upper

45 100

77 13.5 12.2 18.2

79 10.1 8.2 12.2

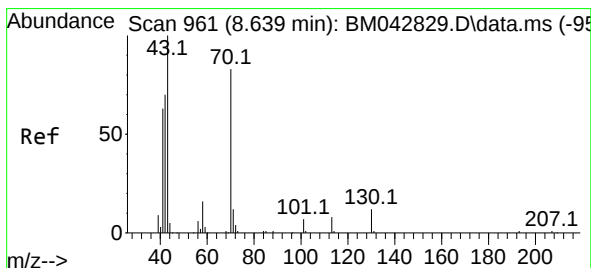
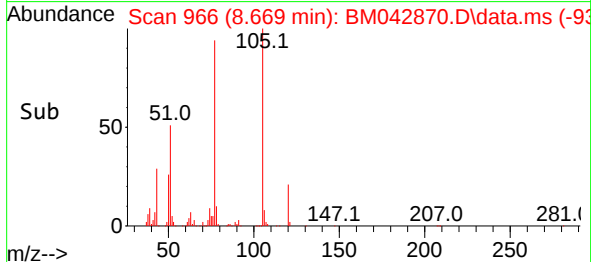
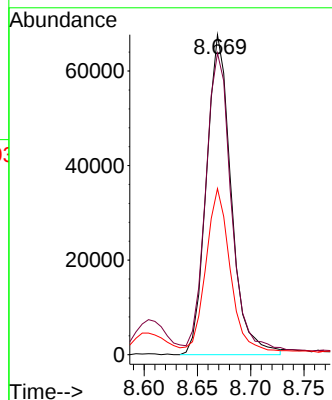
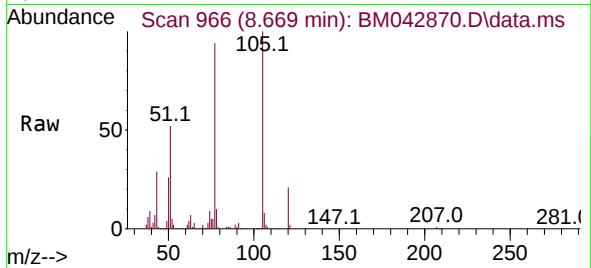




#16
Acetophenone
Concen: 37.797 ng/ul
RT: 8.669 min Scan# 967
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

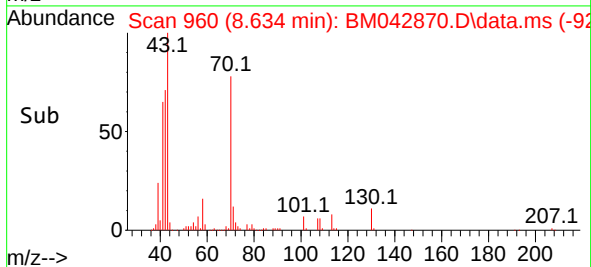
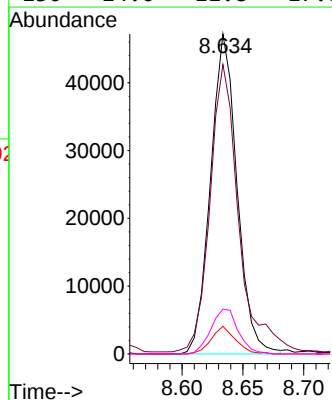
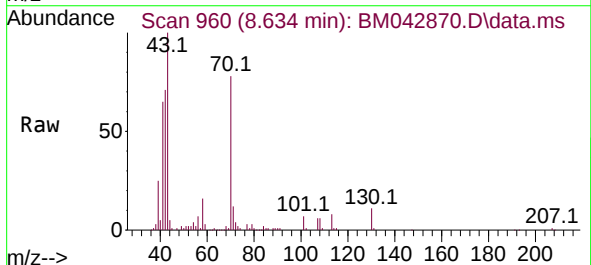
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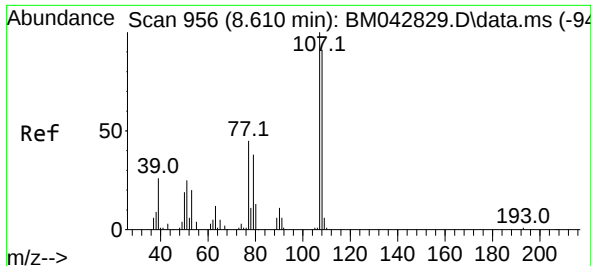
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Ion Ratio Lower Upper
105 100
77 94.2 71.6 107.4
51 51.9 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 40.573 ng/ul
RT: 8.634 min Scan# 960
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion: 70 Resp: 71563
Ion Ratio Lower Upper
70 100
42 90.5 63.0 94.6
101 8.6 7.0 10.4
130 14.0 11.8 17.8





#18

4-Methylphenol

Concen: 17.318 ng/ul

RT: 8.604 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

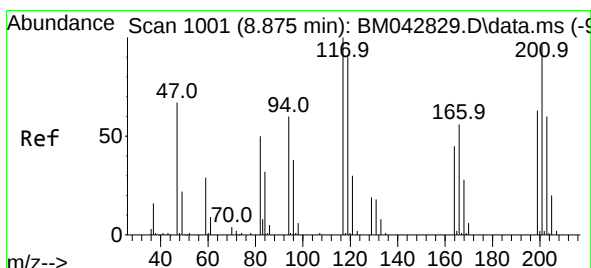
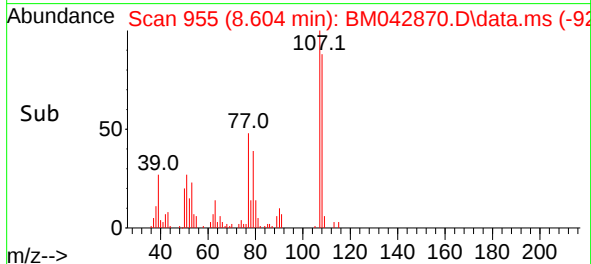
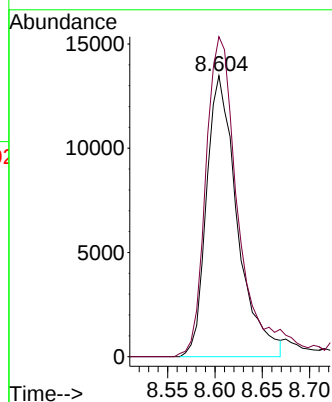
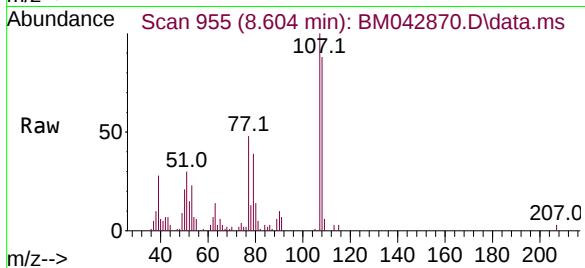
ClientSampleId :

Tgt Ion:108 Resp: 30563

Ion Ratio Lower Upper

108 100

107 113.9 89.4 134.0



#19

Hexachloroethane

Concen: 36.888 ng/ul

RT: 8.869 min Scan# 1000

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

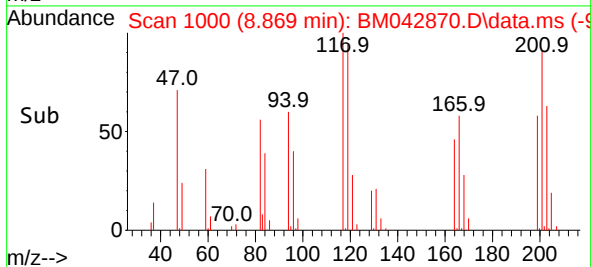
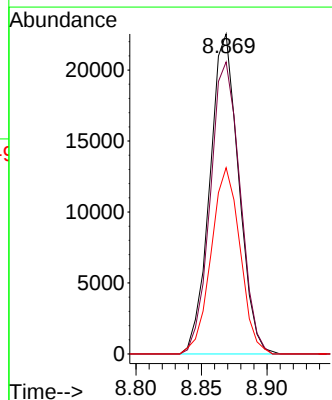
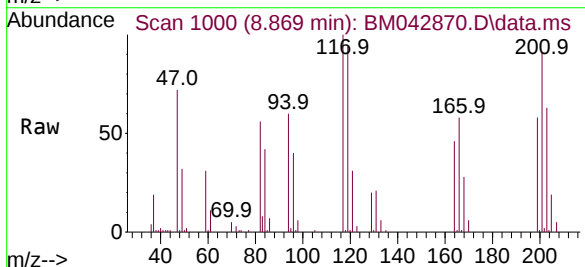
Tgt Ion:117 Resp: 34551

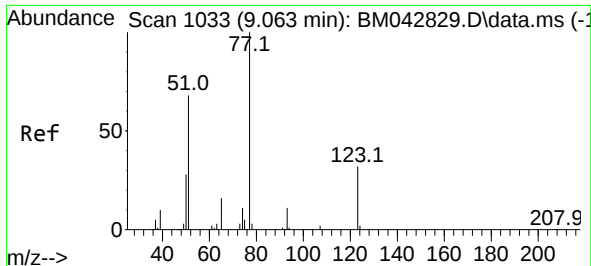
Ion Ratio Lower Upper

117 100

201 91.2 90.0 135.0

199 58.2 52.2 78.4

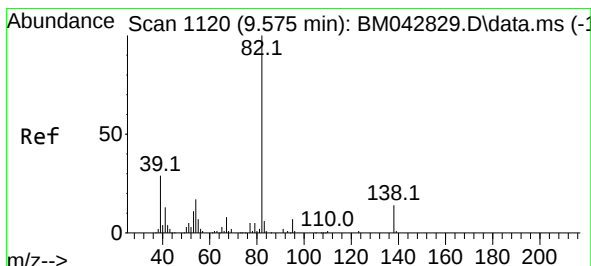
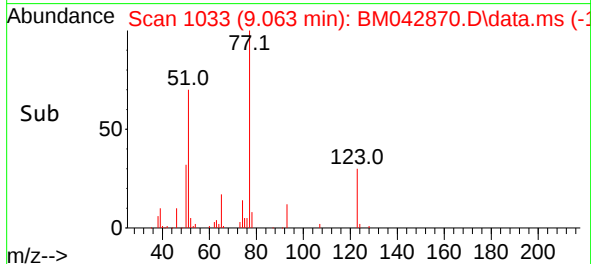
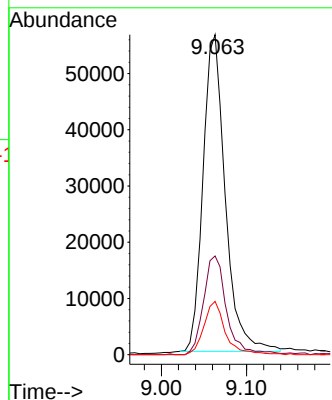
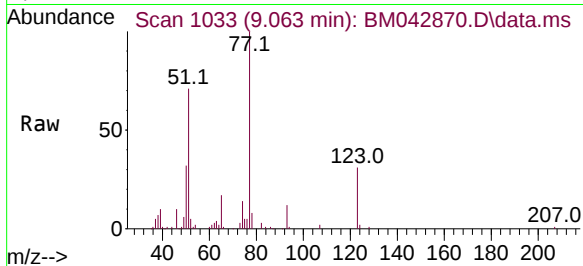




#22
Nitrobenzene
Concen: 43.278 ng/ul
RT: 9.063 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

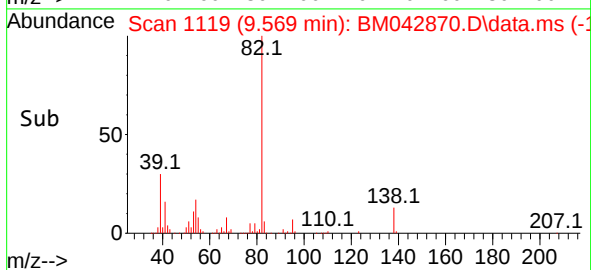
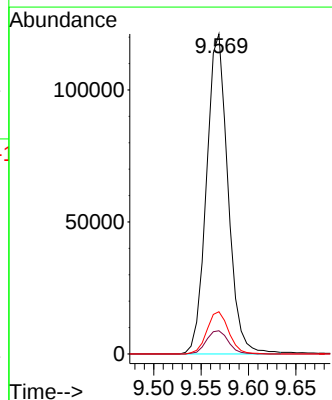
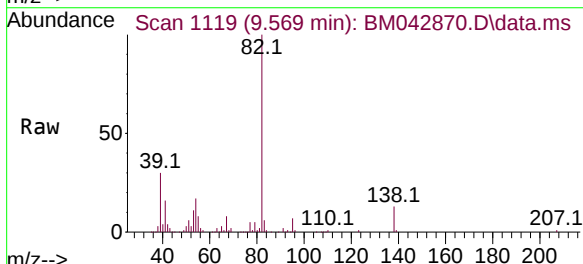
Instrument :
BNA_M
ClientSampleId :

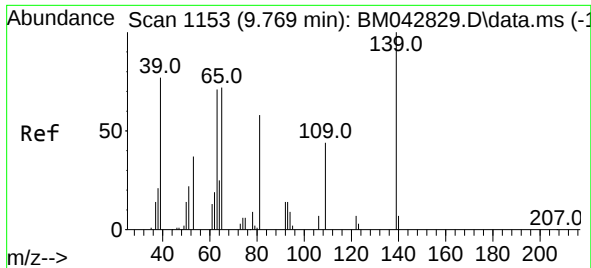
Tgt Ion: 77 Resp: 102047
Ion Ratio Lower Upper
77 100
123 30.8 28.4 42.6
65 16.7 12.4 18.6



#23
Isophorone
Concen: 40.517 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion: 82 Resp: 190280
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 13.2 12.1 18.1

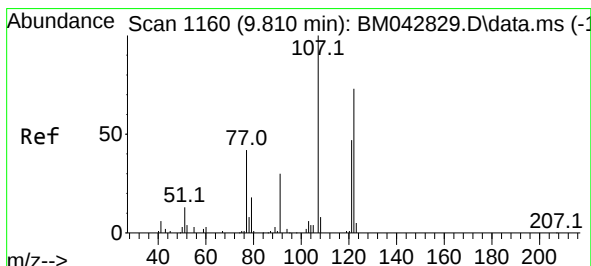
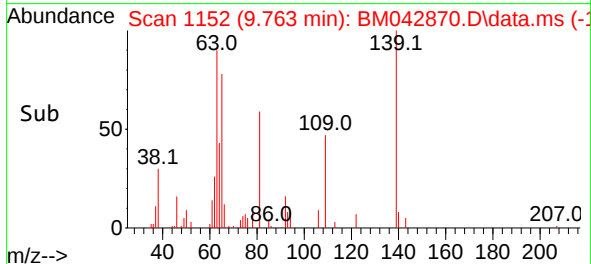
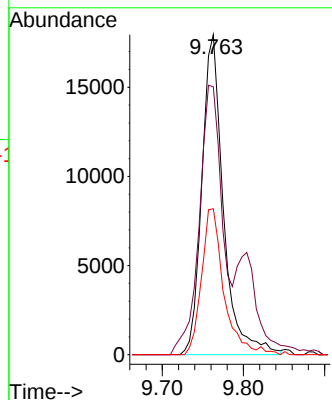
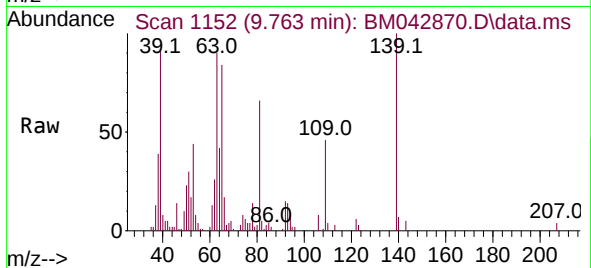




#25
2-Nitrophenol
Concen: 35.623 ng/ul
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

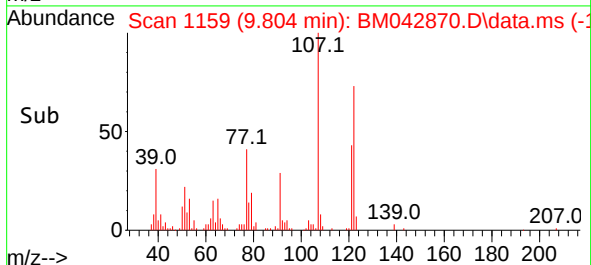
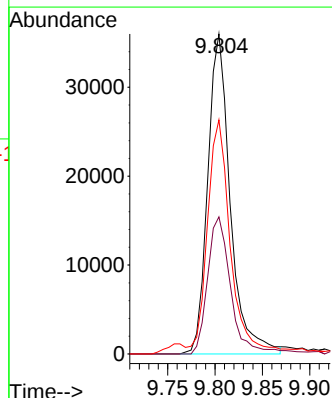
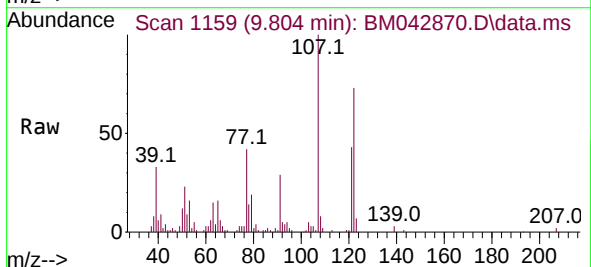
Instrument :
BNA_M
ClientSampleId :

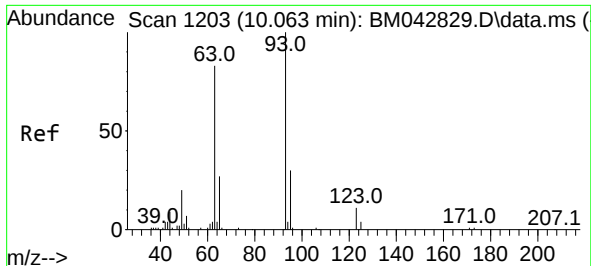
Tgt Ion:139 Resp: 33031
Ion Ratio Lower Upper
139 100
65 83.7 59.1 88.7
109 45.6 33.9 50.9



#26
2,4-Dimethylphenol
Concen: 30.053 ng/ul
RT: 9.804 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:107 Resp: 59622
Ion Ratio Lower Upper
107 100
121 42.9 38.0 57.0
122 73.2 60.5 90.7

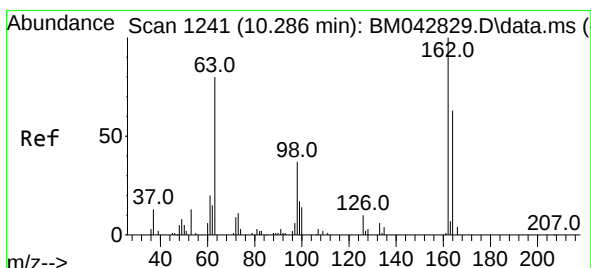
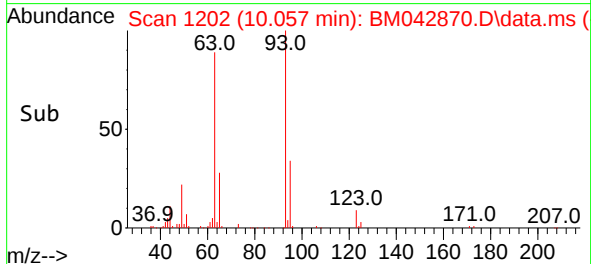
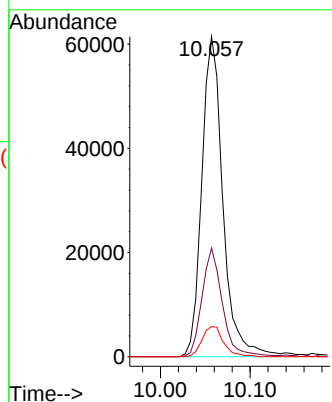
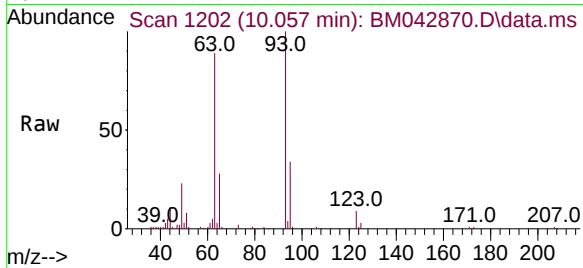




#27
 Bis(2-Chloroethoxy)methane
 Concen: 42.278 ng/ul
 RT: 10.057 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BM042870.D
 Acq: 18 Nov 2023 07:38

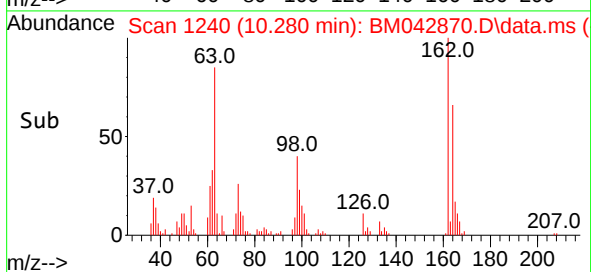
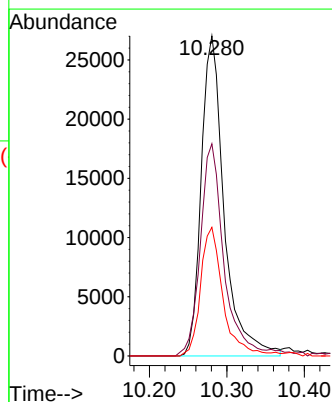
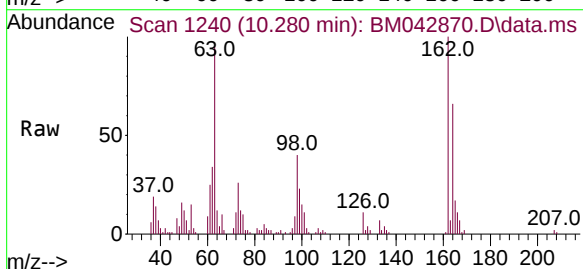
Instrument :
 BNA_M
 ClientSampleId :

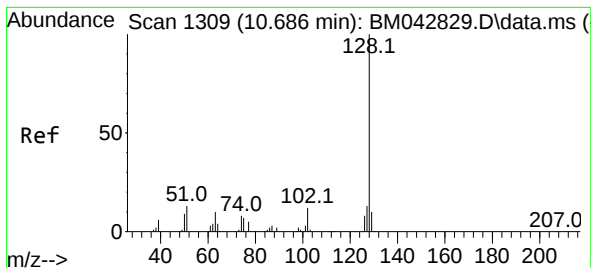
Tgt Ion: 93 Resp: 100331
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.5 39.7
 123 9.4 8.2 12.2



#29
 2,4-Dichlorophenol
 Concen: 34.519 ng/ul
 RT: 10.280 min Scan# 1240
 Delta R.T. -0.012 min
 Lab File: BM042870.D
 Acq: 18 Nov 2023 07:38

Tgt Ion:162 Resp: 55460
 Ion Ratio Lower Upper
 162 100
 164 66.3 53.4 80.2
 98 40.2 28.4 42.6

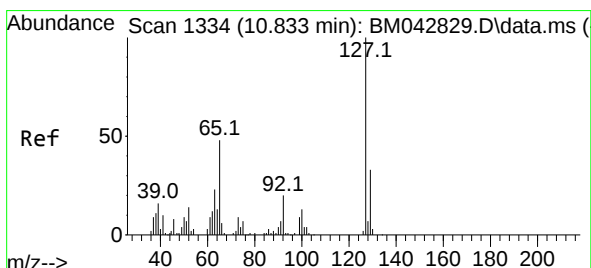
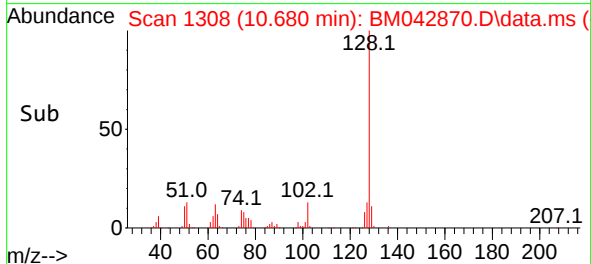
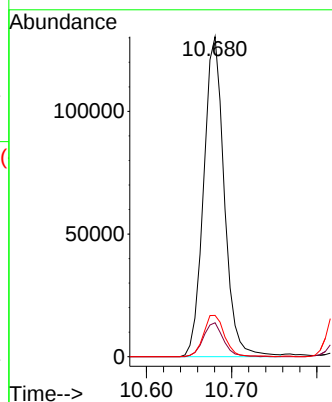
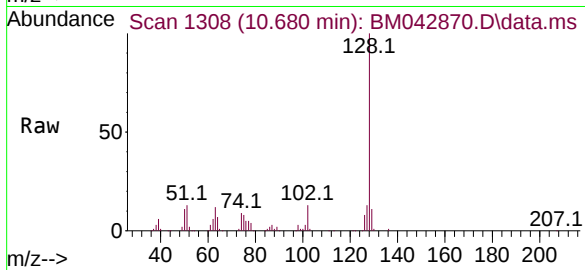




#30
Naphthalene
Concen: 39.299 ng/ul
RT: 10.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

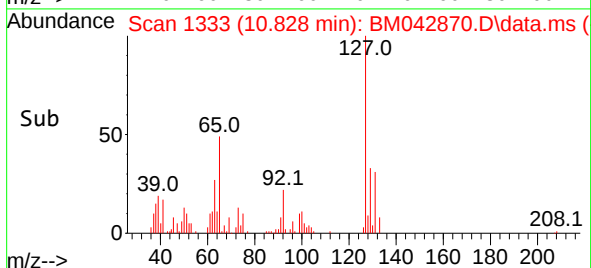
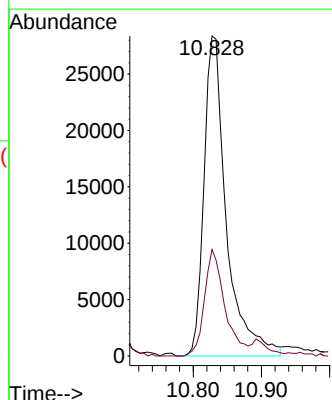
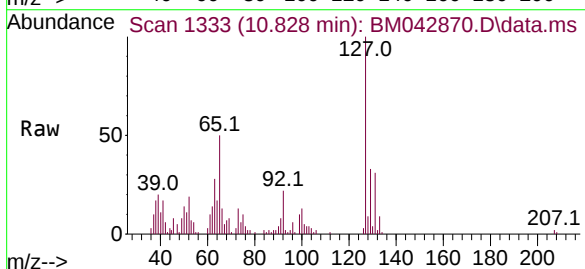
Instrument :
BNA_M
ClientSampleId :

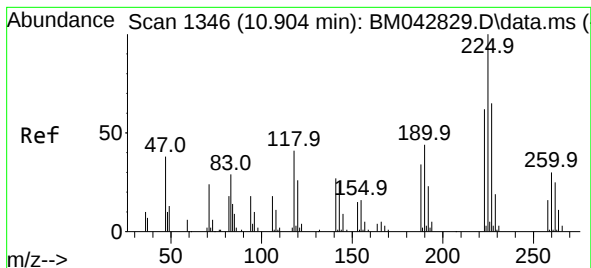
Tgt Ion:128 Resp: 219077
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.5 15.7



#32
4-Chloroaniline
Concen: 31.364 ng/ul
RT: 10.828 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:127 Resp: 64832
Ion Ratio Lower Upper
127 100
129 33.3 26.7 40.1





#33

Hexachlorobutadiene

Concen: 37.749 ng/ul

RT: 10.898 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM042870.D

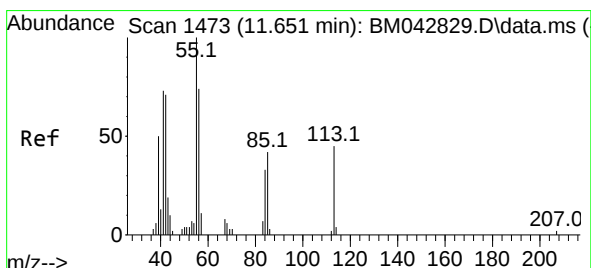
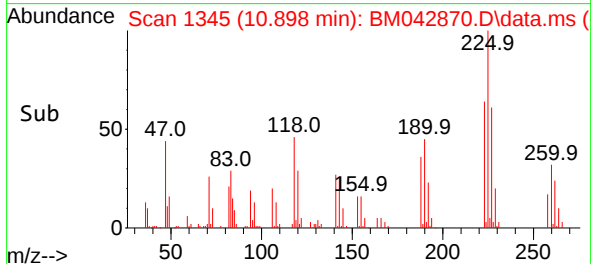
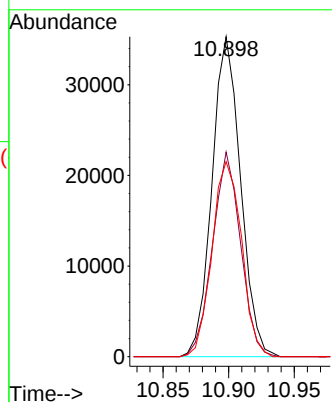
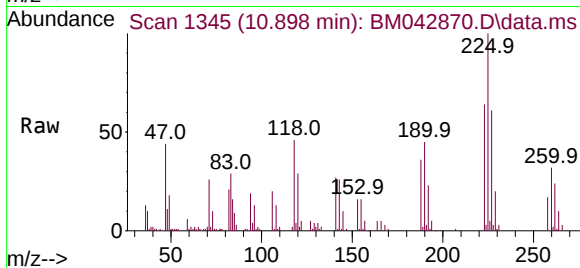
Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	225	Resp:	53574
Ion Ratio	Lower	Upper	
225	100		
223	63.9	53.0	79.4
227	60.9	50.5	75.7



#34

Caprolactam

Concen: 1.950 ng/ul

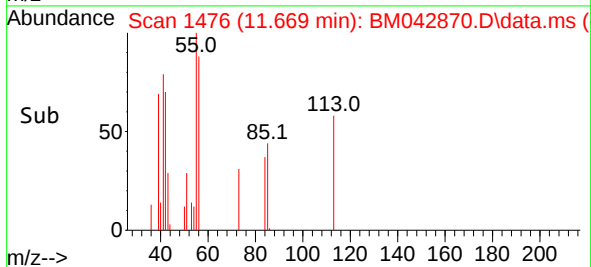
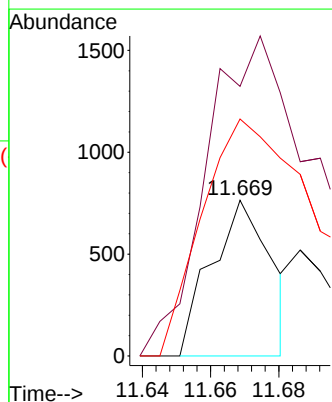
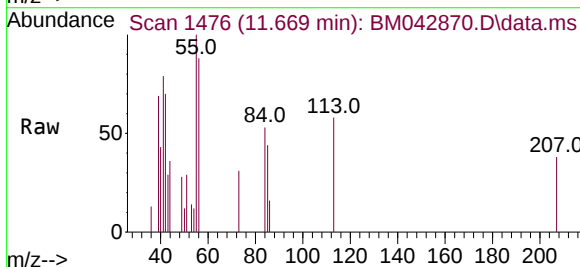
RT: 11.669 min Scan# 1476

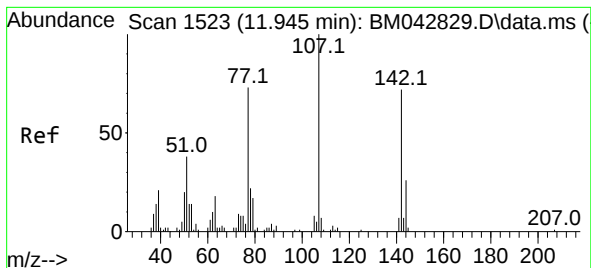
Delta R.T. 0.006 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Tgt Ion:	113	Resp:	929
Ion Ratio	Lower	Upper	
113	100		
55	173.3	184.2	276.2#
56	152.2	134.3	201.5

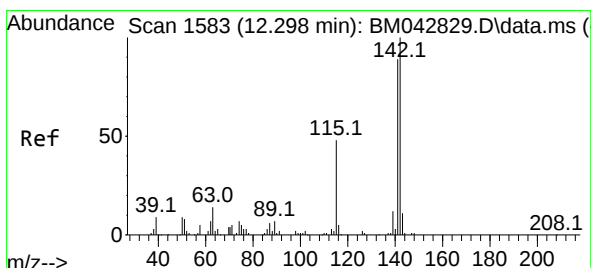
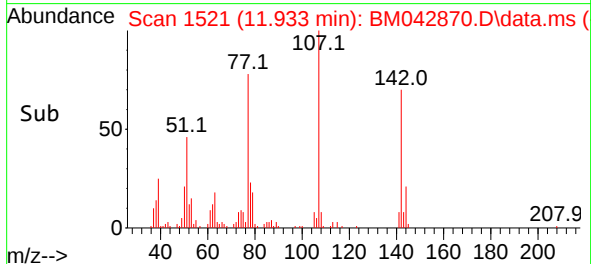
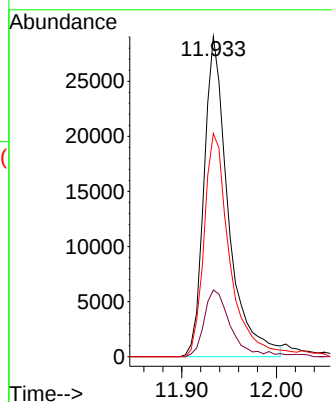
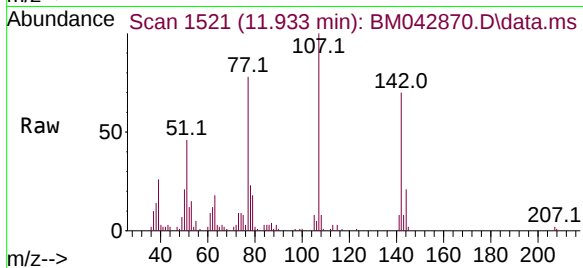




#35
4-Chloro-3-methylphenol
Concen: 30.082 ng/ul
RT: 11.933 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

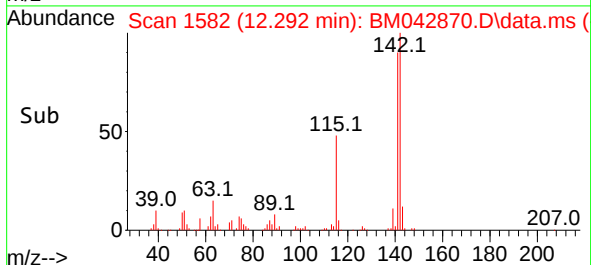
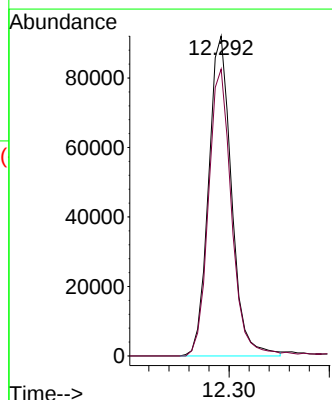
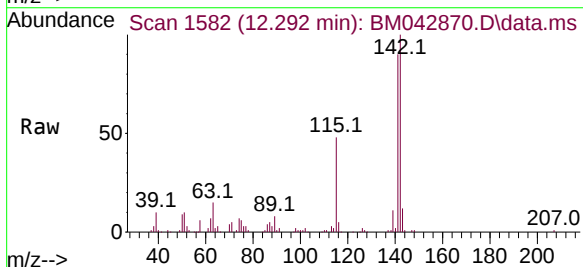
Instrument :
BNA_M
ClientSampleId :

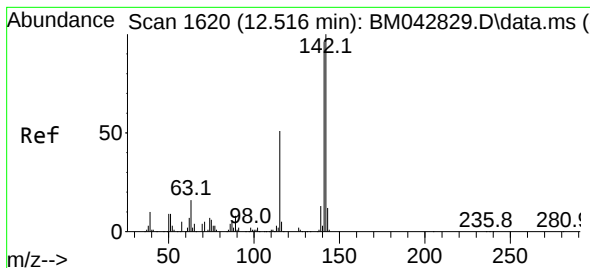
Tgt Ion:107 Resp: 51789
Ion Ratio Lower Upper
107 100
144 20.8 18.3 27.5
142 69.8 56.3 84.5



#36
2-Methylnaphthalene
Concen: 39.217 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:142 Resp: 146525
Ion Ratio Lower Upper
142 100
141 89.6 73.6 110.4





#37

1-Methylnaphthalene

Concen: 38.478 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

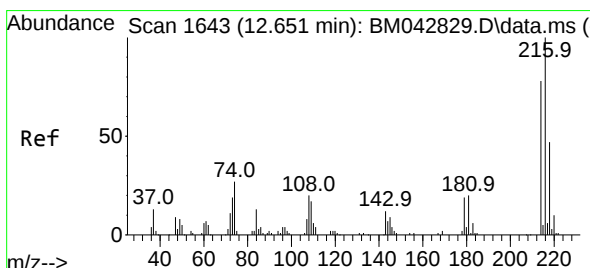
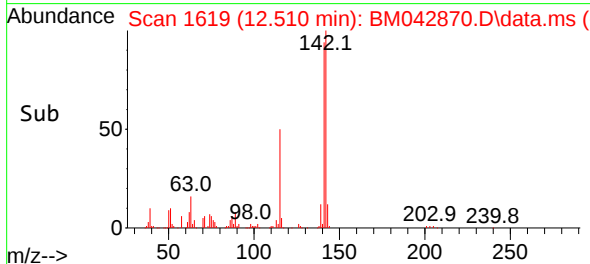
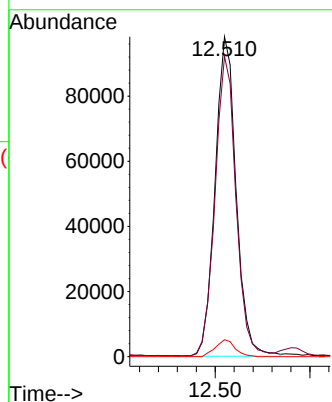
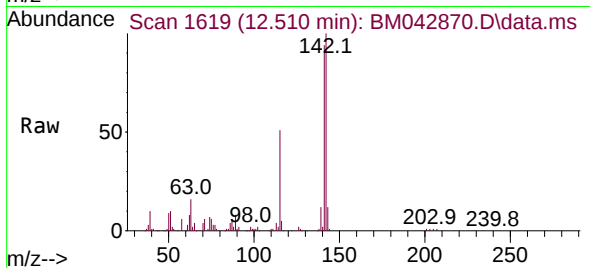
Tgt Ion:142 Resp: 151151

Ion Ratio Lower Upper

142 100

141 93.9 73.3 109.9

116 5.3 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.075 ng/ul

RT: 12.645 min Scan# 1642

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Tgt Ion:216 Resp: 95233

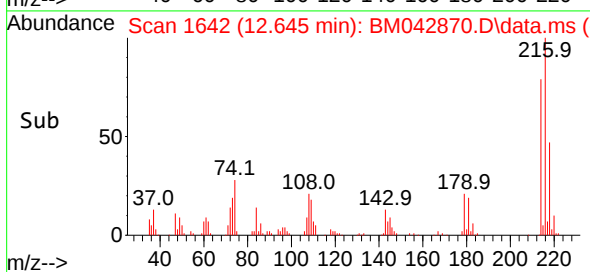
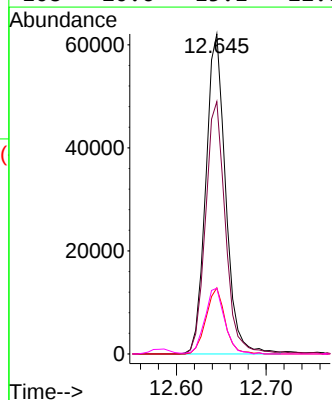
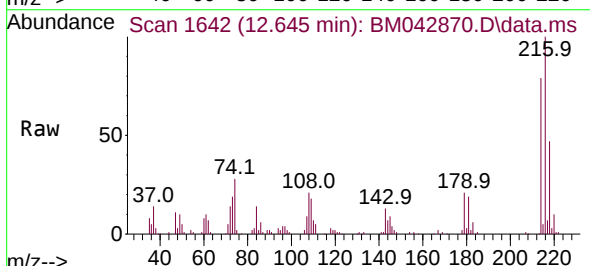
Ion Ratio Lower Upper

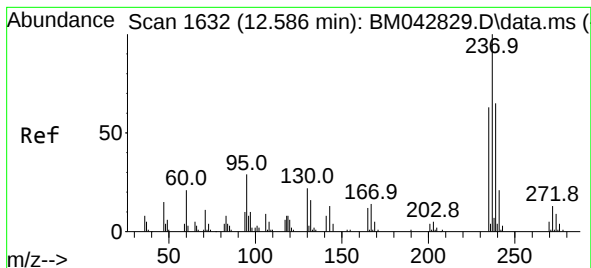
216 100

214 78.8 64.1 96.1

179 20.6 15.5 23.3

108 20.6 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 21.928 ng/ul

RT: 12.586 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042870.D

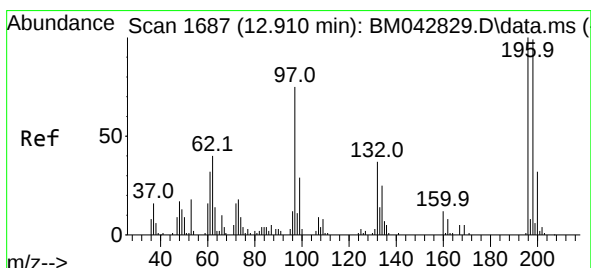
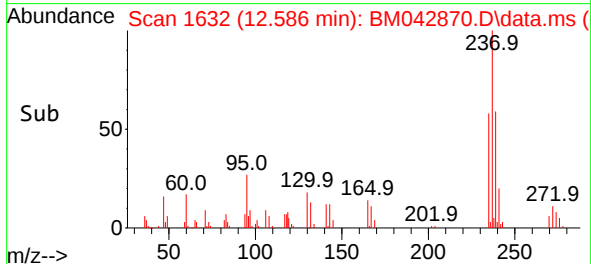
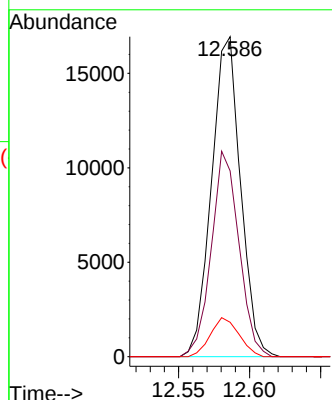
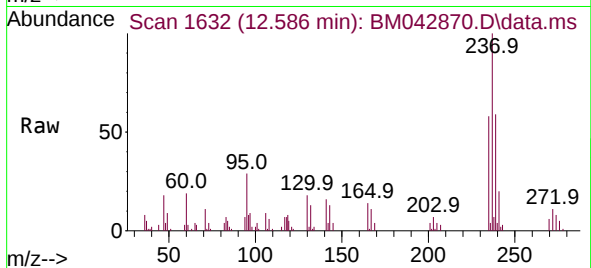
Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:237	Resp:	24069
Ion Ratio	Lower	Upper
237	100	
235	58.0	53.3 79.9
272	10.7	10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 38.237 ng/ul

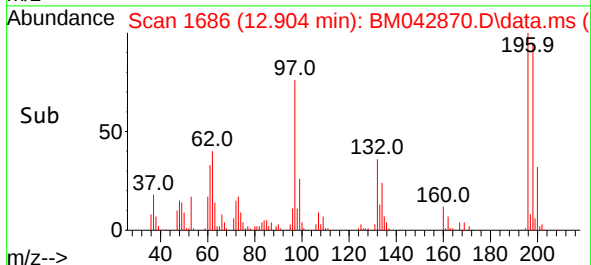
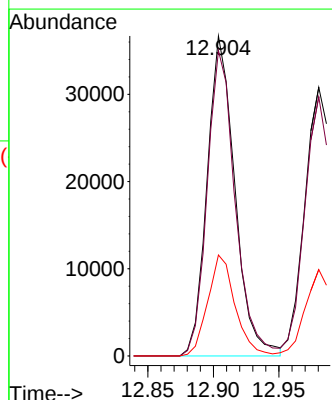
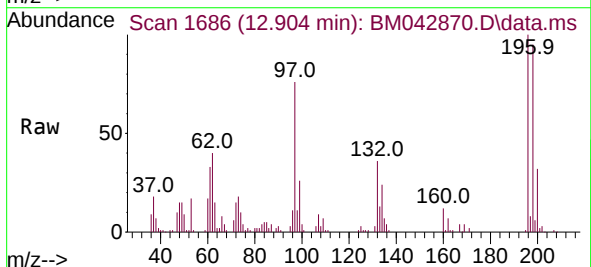
RT: 12.904 min Scan# 1686

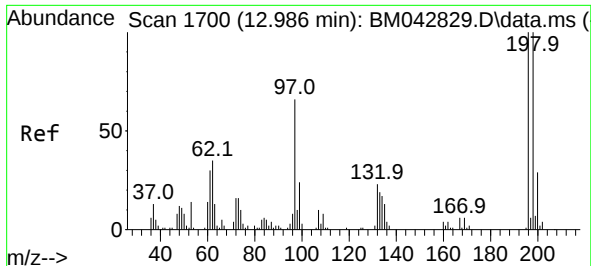
Delta R.T. -0.018 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

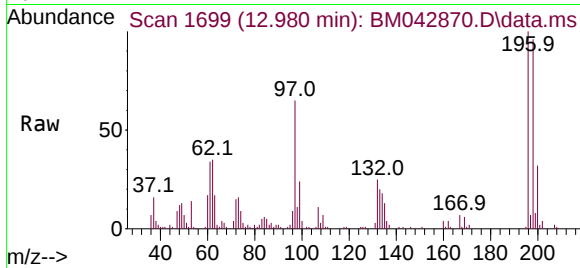
Tgt Ion:196	Resp:	54150
Ion Ratio	Lower	Upper
196	100	
198	95.5	81.0 121.4
200	31.5	24.1 36.1



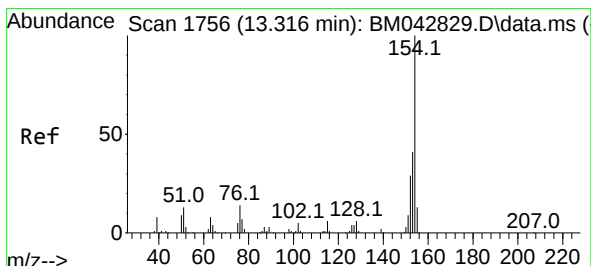
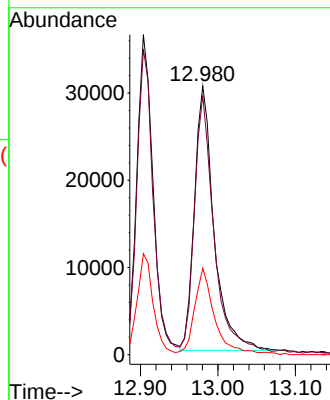
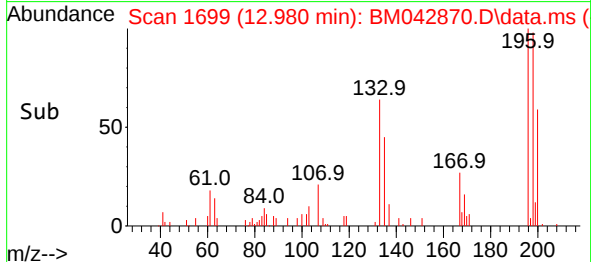


#42
2,4,5-Trichlorophenol
Concen: 39.009 ng/ul
RT: 12.980 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Instrument :
BNA_M
ClientSampleId :

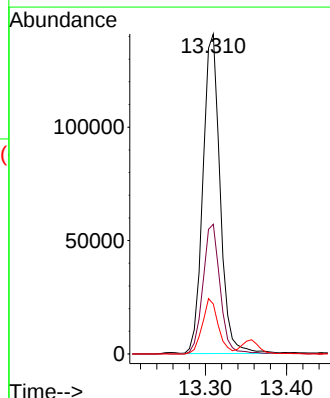
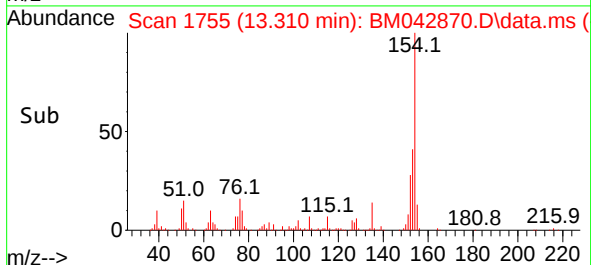
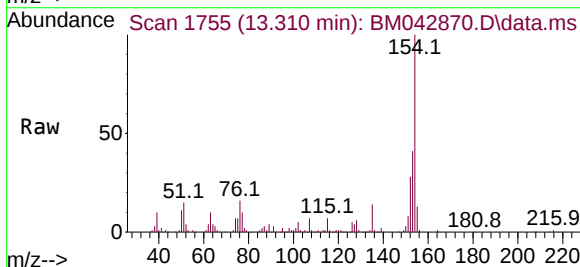


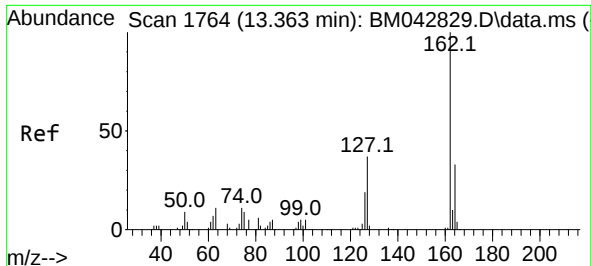
Tgt Ion:196 Resp: 53343
Ion Ratio Lower Upper
196 100
198 96.5 77.4 116.0
200 32.1 26.2 39.4



#43
1,1'-Biphenyl
Concen: 41.997 ng/ul
RT: 13.310 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:154 Resp: 207051
Ion Ratio Lower Upper
154 100
153 40.6 32.4 48.6
76 15.6 10.7 16.1

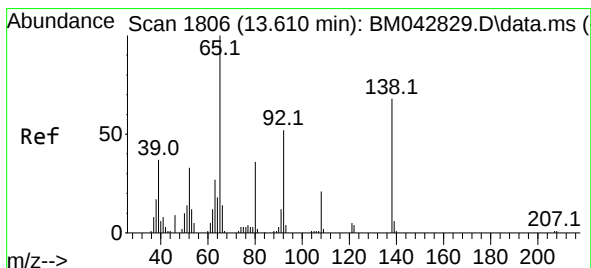
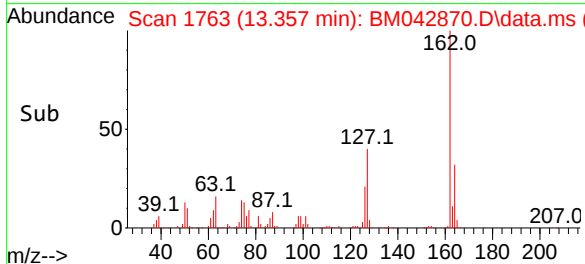
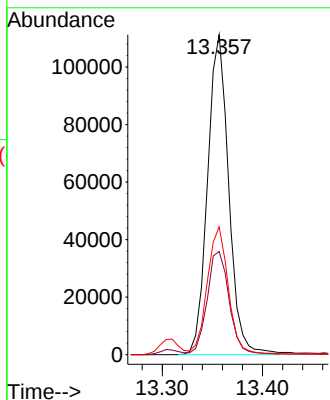
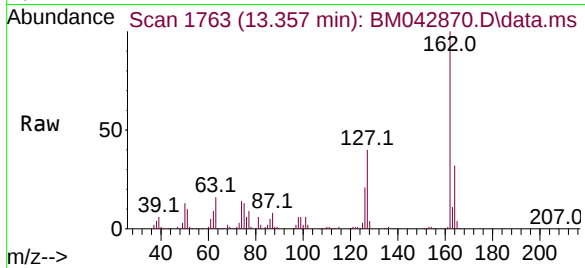




#44
2-Chloronaphthalene
Concen: 41.184 ng/ul
RT: 13.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

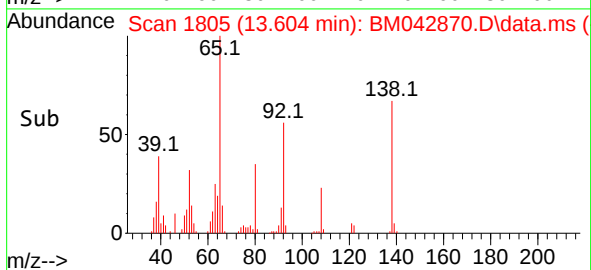
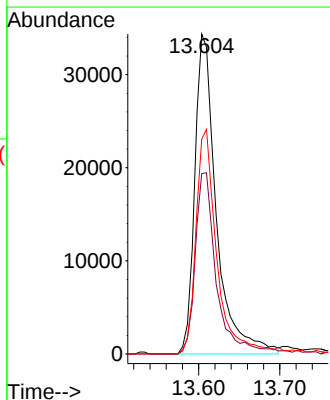
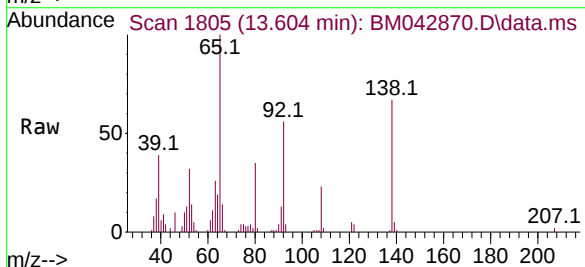
Instrument :
BNA_M
ClientSampleId :

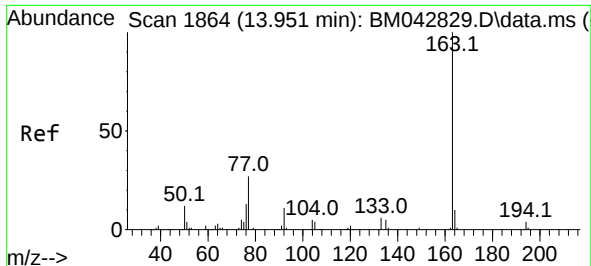
Tgt Ion:162 Resp: 163343
Ion Ratio Lower Upper
162 100
164 32.3 24.2 36.2
127 39.9 30.8 46.2



#45
2-Nitroaniline
Concen: 49.310 ng/ul
RT: 13.604 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

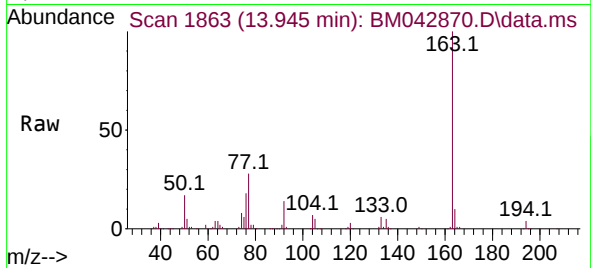
Tgt Ion: 65 Resp: 63782
Ion Ratio Lower Upper
65 100
92 56.4 49.1 73.7
138 67.1 61.8 92.8



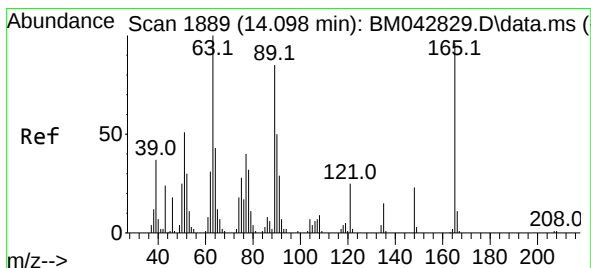
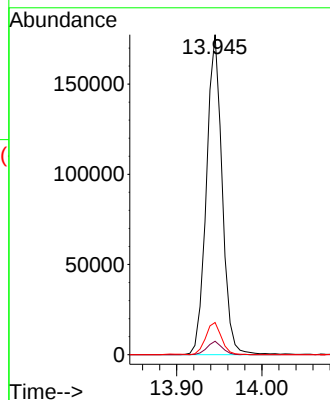
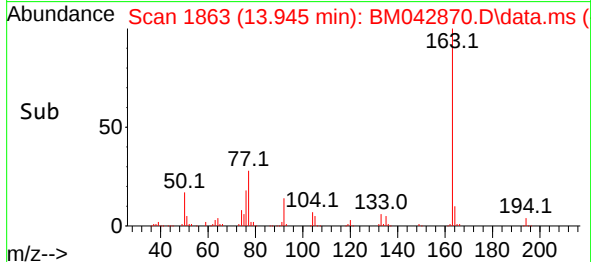


#47
Dimethylphthalate
Concen: 41.677 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

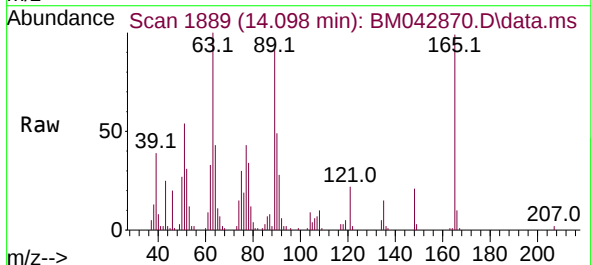
Instrument :
BNA_M
ClientSampleId :



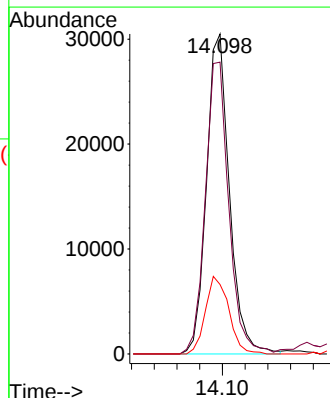
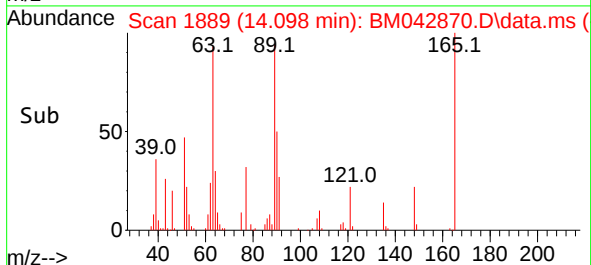
Tgt Ion:163 Resp: 227118
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 7.9 11.9

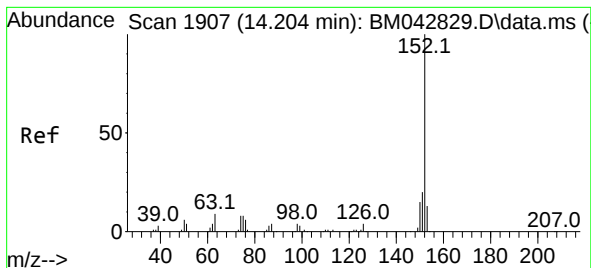


#48
2,6-Dinitrotoluene
Concen: 41.781 ng/ul
RT: 14.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38



Tgt Ion:165 Resp: 42776
Ion Ratio Lower Upper
165 100
89 91.2 64.1 96.1
121 21.7 18.4 27.6





#50

Acenaphthylene

Concen: 41.562 ng/ul

RT: 14.204 min Scan# 1907

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

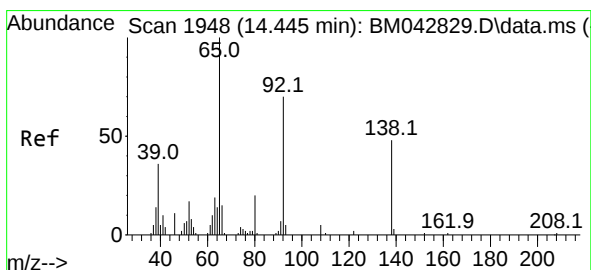
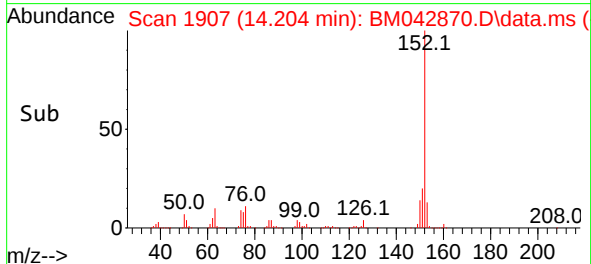
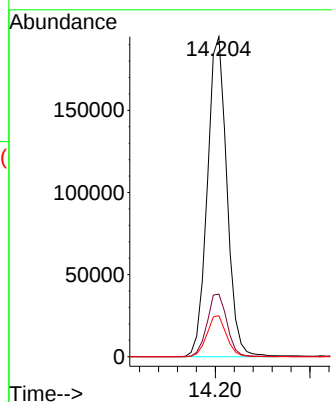
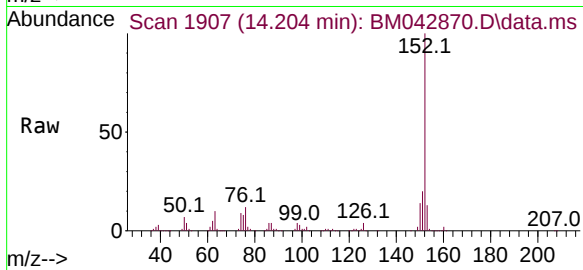
Tgt Ion:152 Resp: 278790

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

153 12.8 10.5 15.7



#51

3-Nitroaniline

Concen: 37.425 ng/ul

RT: 14.439 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

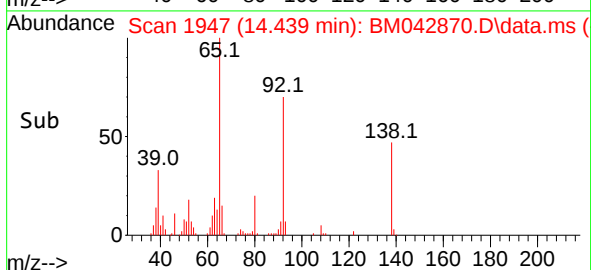
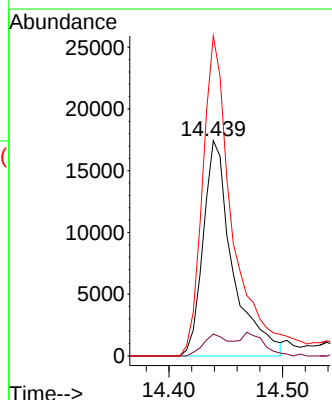
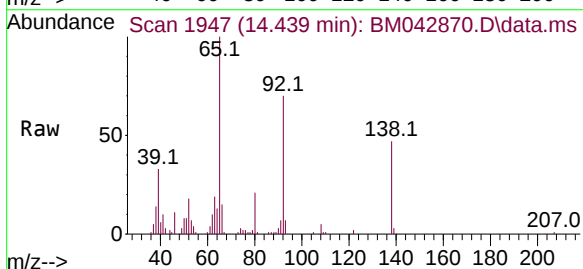
Tgt Ion:138 Resp: 31332

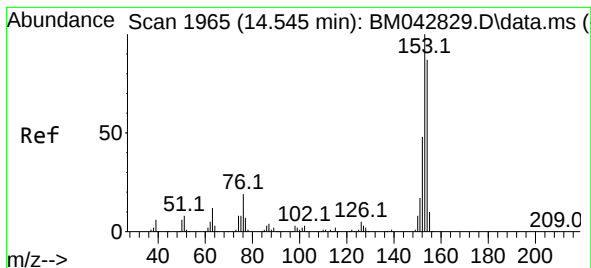
Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

92 148.6 109.4 164.0





#52

Acenaphthene

Concen: 42.440 ng/ul

RT: 14.539 min Scan# 1964

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

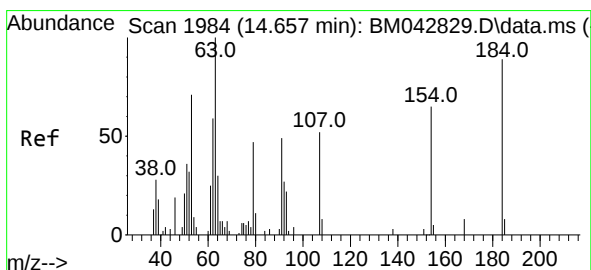
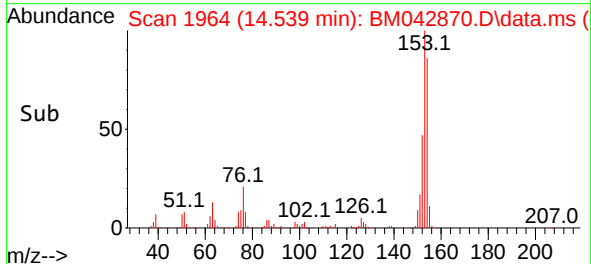
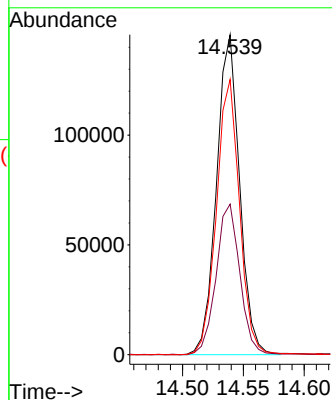
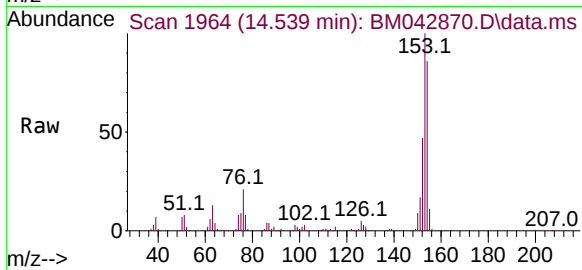
Tgt Ion:153 Resp: 192533

Ion Ratio Lower Upper

153 100

152 47.0 38.2 57.2

154 86.0 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 30.246 ng/ul

RT: 14.651 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

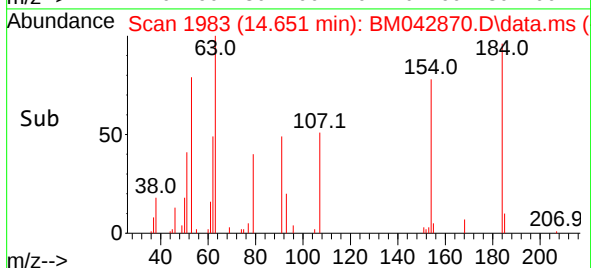
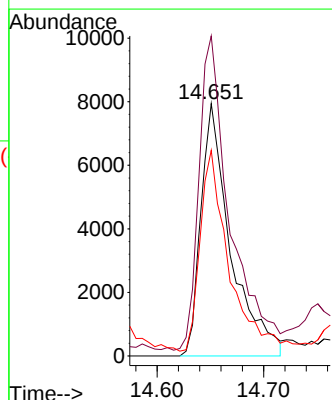
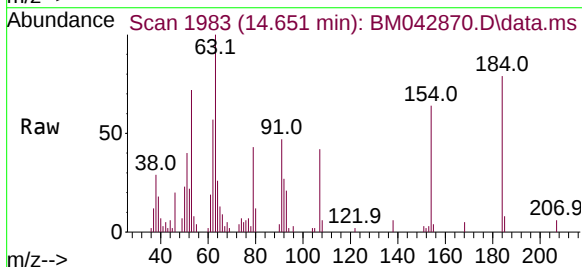
Tgt Ion:184 Resp: 15397

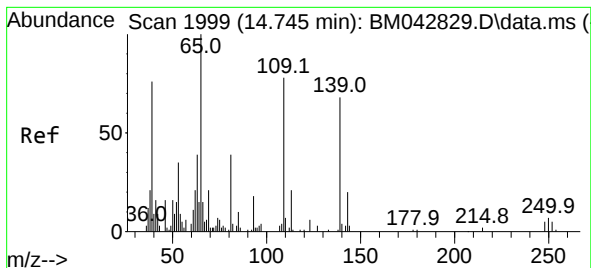
Ion Ratio Lower Upper

184 100

63 126.8 79.1 118.7#

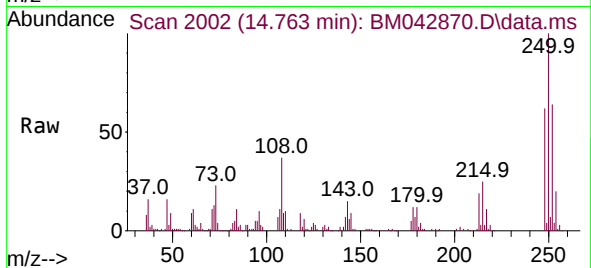
154 81.5 65.7 98.5



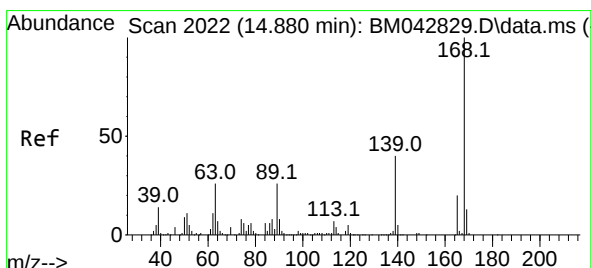
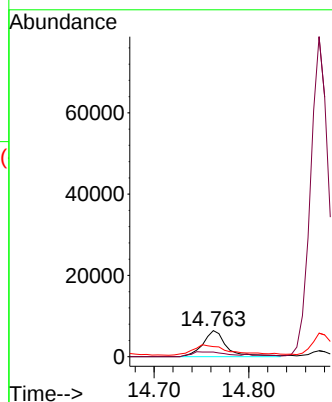
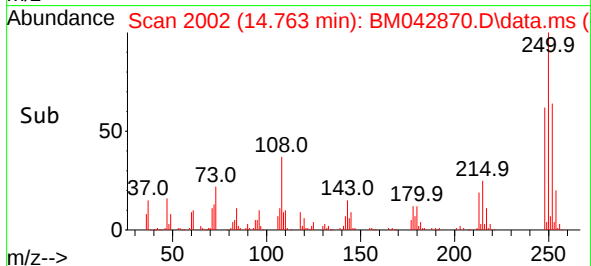


#55
4-Nitrophenol
Concen: 11.212 ng/ul
RT: 14.763 min Scan# 20
Delta R.T. 0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Instrument :
BNA_M
ClientSampleId :

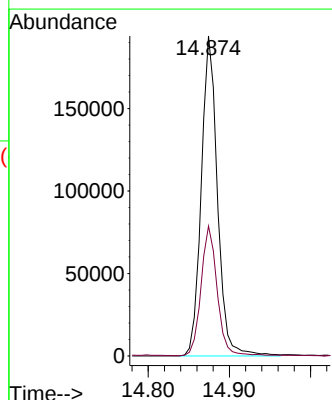
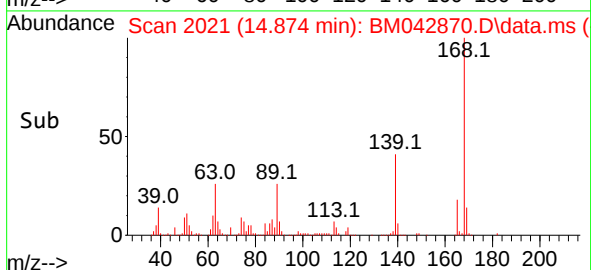
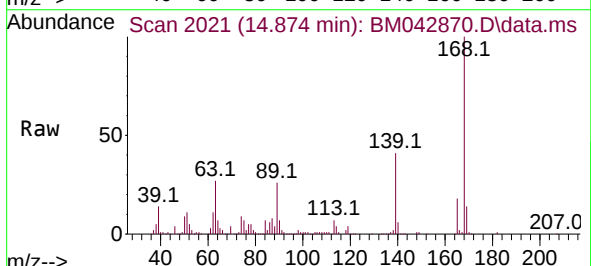


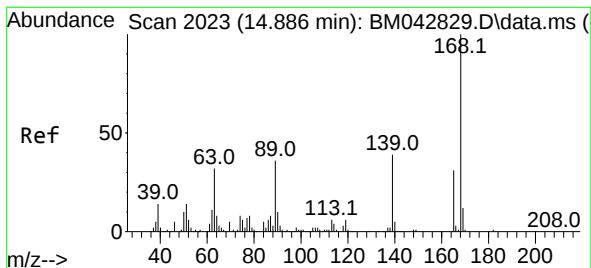
Tgt Ion:109 Resp: 11153
Ion Ratio Lower Upper
109 100
139 18.1 67.1 100.7#
65 38.6 107.1 160.7#



#56
Dibenzofuran
Concen: 42.692 ng/ul
RT: 14.874 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:168 Resp: 268813
Ion Ratio Lower Upper
168 100
139 40.6 30.8 46.2

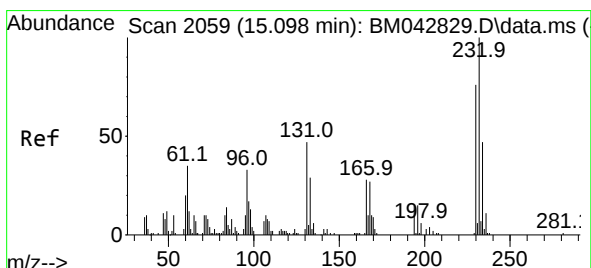
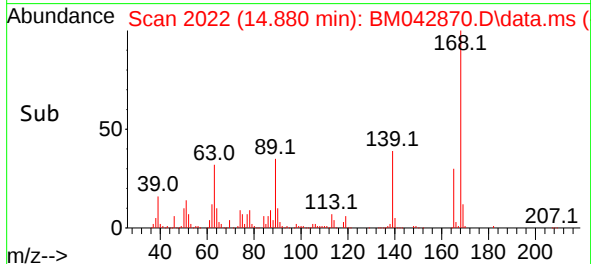
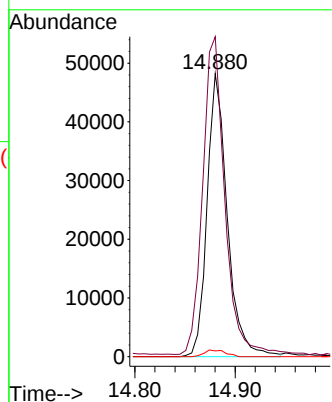
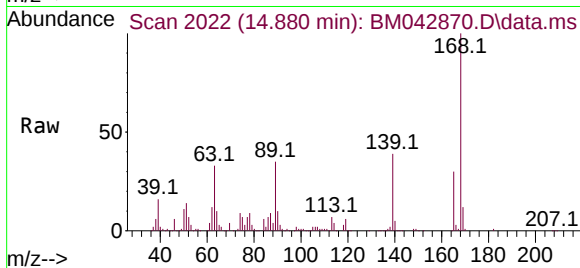




#57
2,4-Dinitrotoluene
Concen: 45.084 ng/ul
RT: 14.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

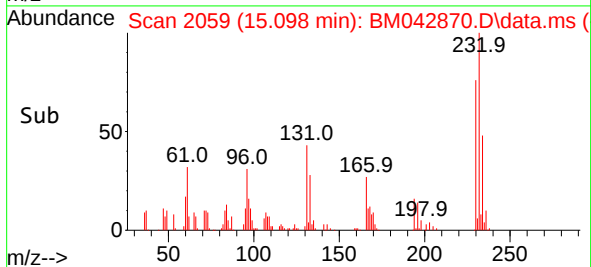
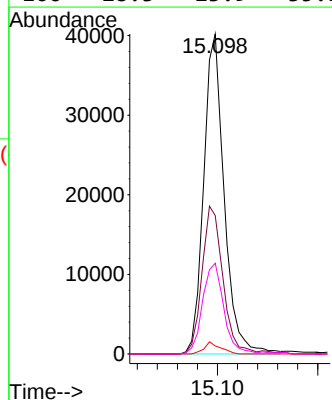
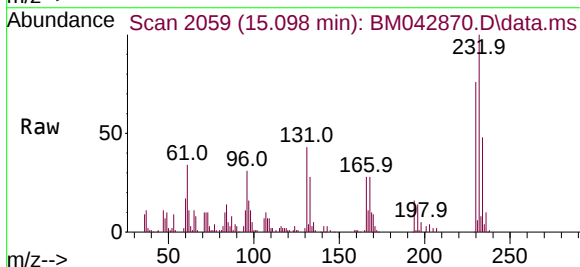
Instrument :
BNA_M
ClientSampleId :

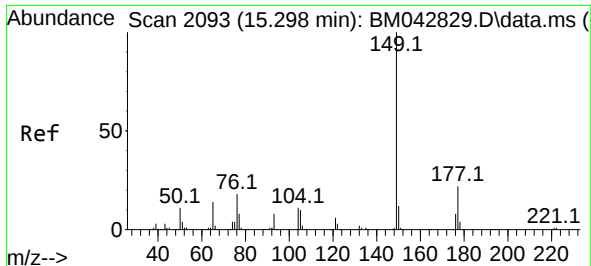
Tgt Ion:165 Resp: 67764
Ion Ratio Lower Upper
165 100
63 113.0 83.5 125.3
182 2.1 2.4 3.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.359 ng/ul
RT: 15.098 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

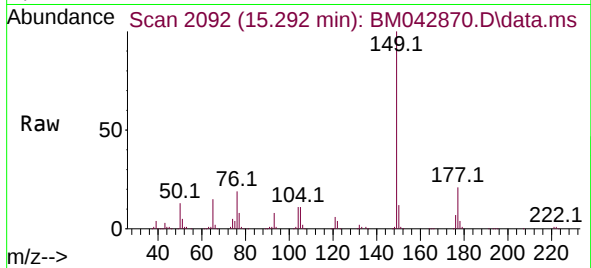
Tgt Ion:232 Resp: 57289
Ion Ratio Lower Upper
232 100
131 43.3 38.9 58.3
130 2.5 1.9 2.9
166 28.3 23.9 35.9



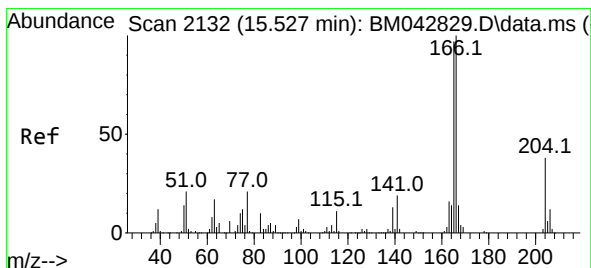
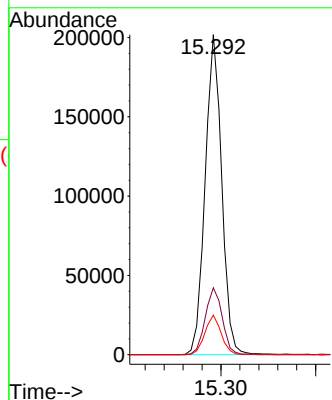
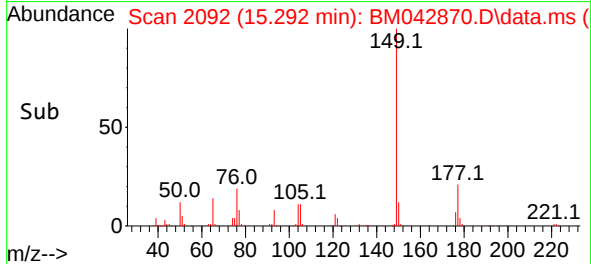


#59
Diethylphthalate
Concen: 42.774 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Instrument :
BNA_M
ClientSampleId :

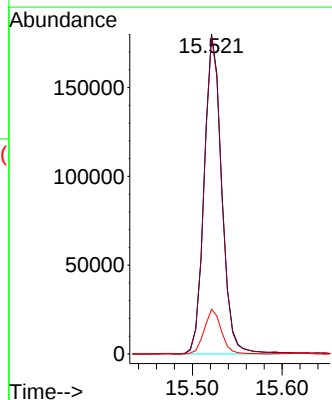
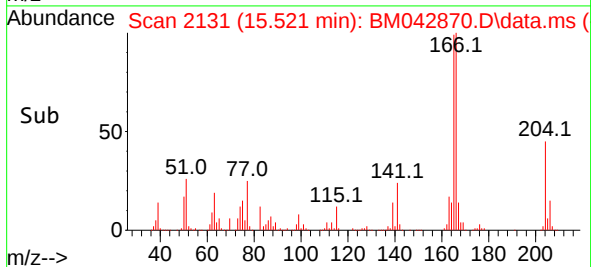
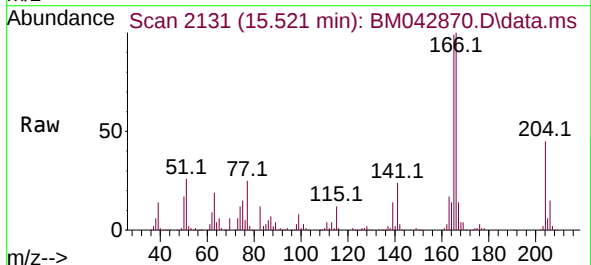


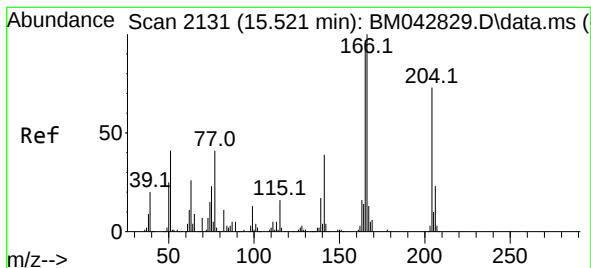
Tgt Ion:149 Resp: 244430
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.3 9.7 14.5



#61
Fluorene
Concen: 45.754 ng/ul
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:166 Resp: 244592
Ion Ratio Lower Upper
166 100
165 99.2 79.3 118.9
167 14.0 10.6 15.8

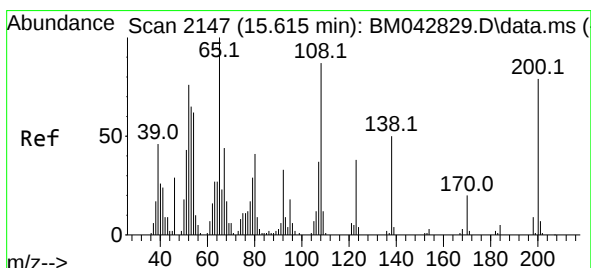
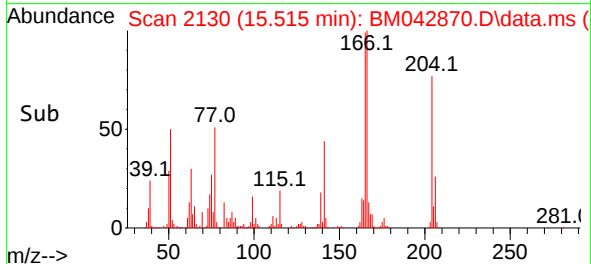
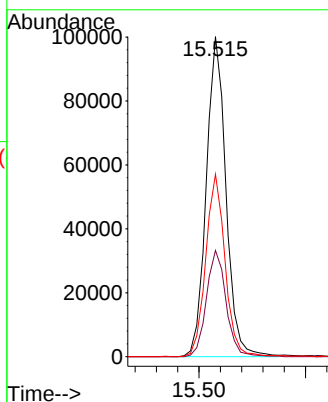
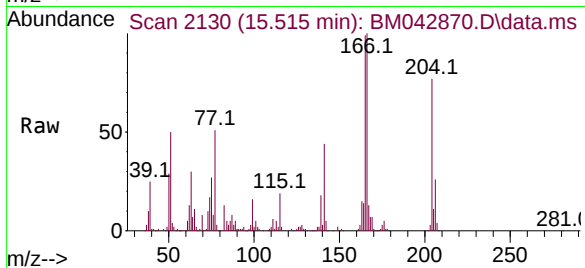




#62
4-Chlorophenyl-phenylether
Concen: 44.622 ng/ul
RT: 15.515 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

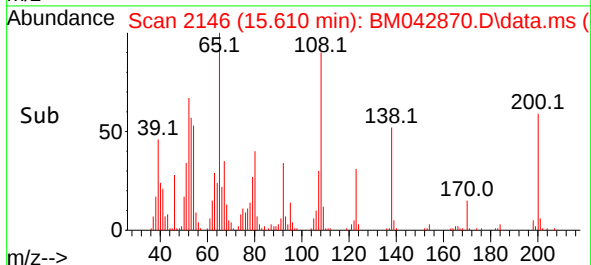
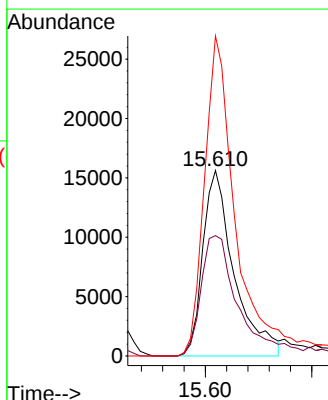
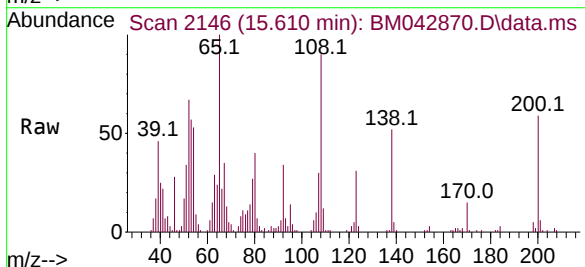
Instrument :
BNA_M
ClientSampleId :

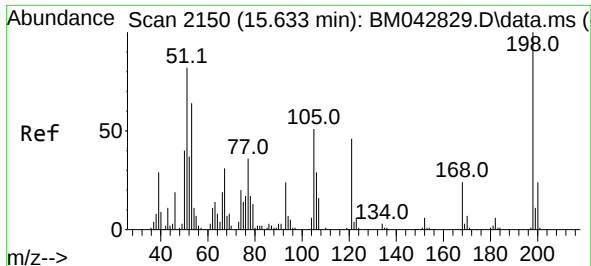
Tgt Ion:204 Resp: 128557
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 57.0 46.0 69.0



#63
4-Nitroaniline
Concen: 41.832 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:138 Resp: 31928
Ion Ratio Lower Upper
138 100
92 64.9 47.4 71.0
108 172.5 129.5 194.3

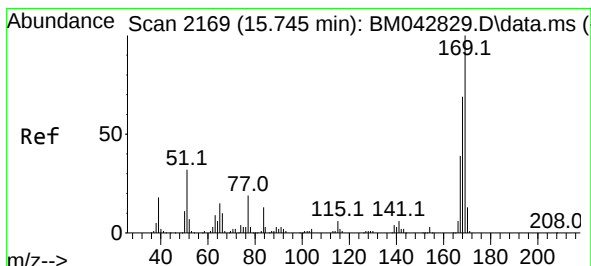
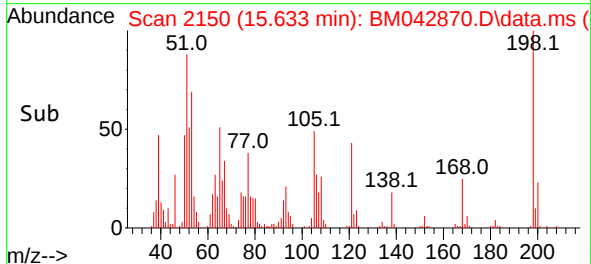
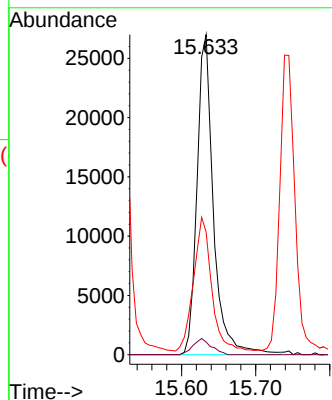
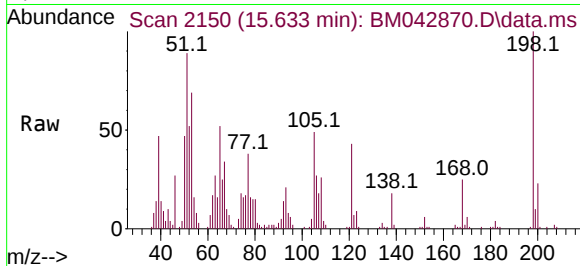




#66
 4,6-Dinitro-2-methylphenol
 Concen: 39.410 ng/ul
 RT: 15.633 min Scan# 2150
 Delta R.T. -0.006 min
 Lab File: BM042870.D
 Acq: 18 Nov 2023 07:38

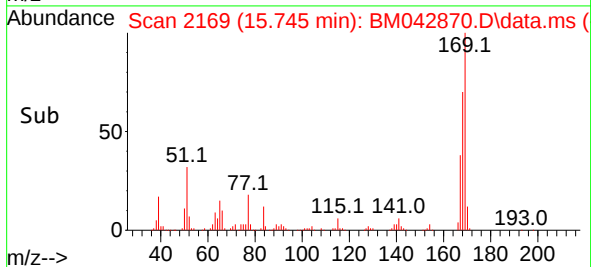
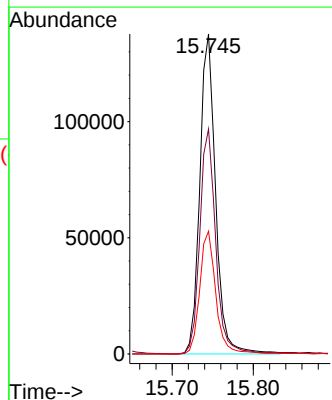
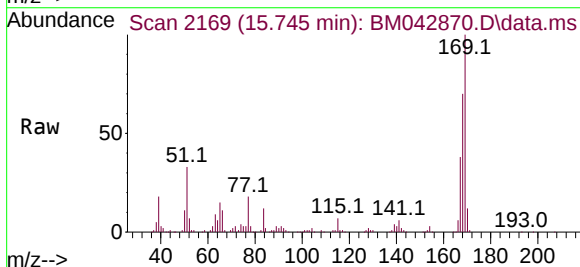
Instrument :
 BNA_M
 ClientSampleId :

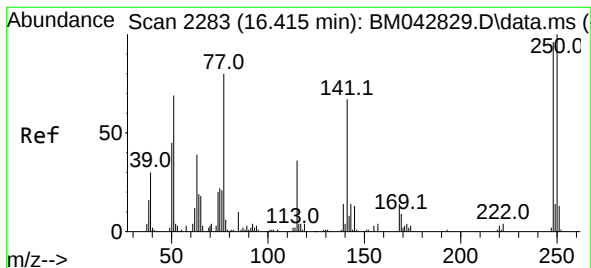
Tgt Ion:198 Resp: 41456
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.4 5.0
 77 38.3 26.9 40.3



#67
 N-Nitrosodiphenylamine
 Concen: 43.701 ng/ul
 RT: 15.745 min Scan# 2169
 Delta R.T. -0.012 min
 Lab File: BM042870.D
 Acq: 18 Nov 2023 07:38

Tgt Ion:169 Resp: 186962
 Ion Ratio Lower Upper
 169 100
 168 70.3 55.8 83.6
 167 38.4 31.4 47.2

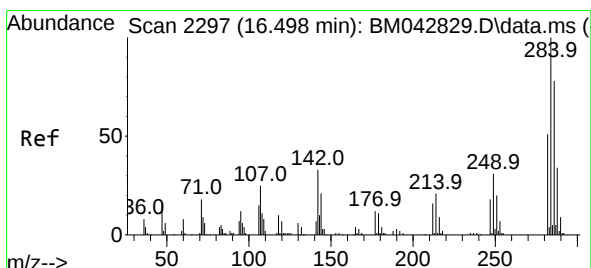
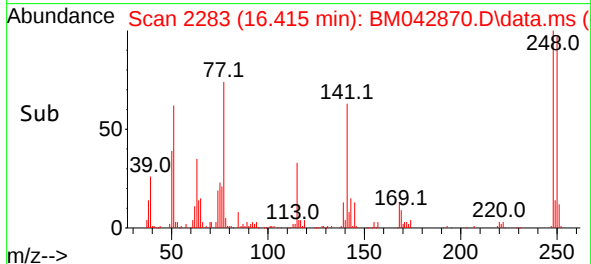
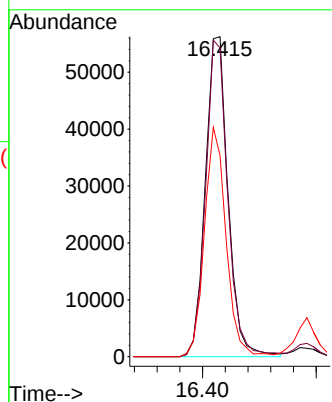
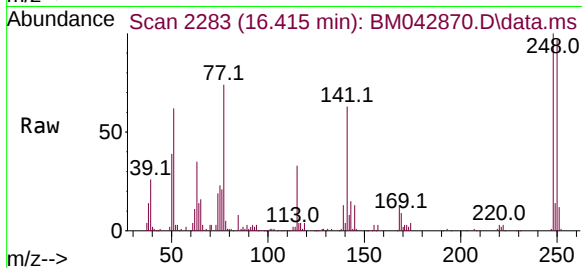




#68
4-Bromophenyl-phenylether
Concen: 43.004 ng/ul
RT: 16.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

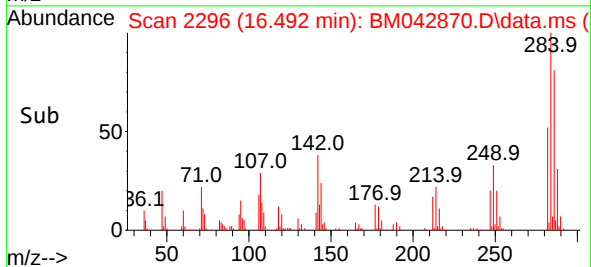
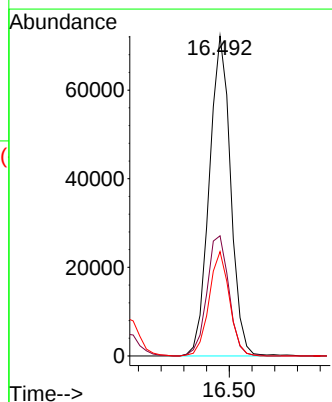
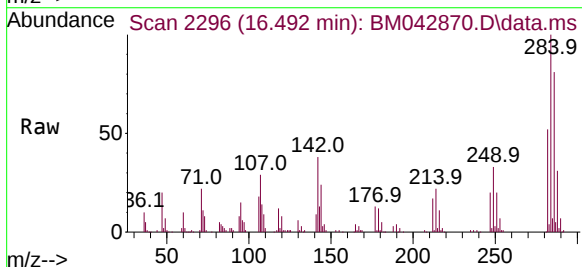
Instrument :
BNA_M
ClientSampleId :

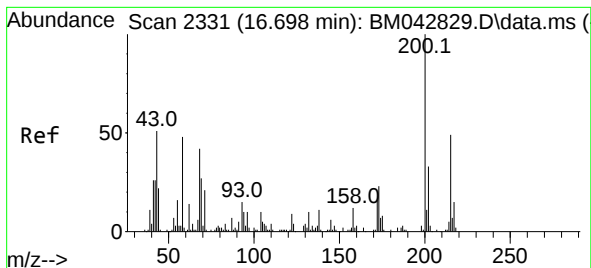
Tgt Ion:248 Resp: 78081
Ion Ratio Lower Upper
248 100
250 96.5 84.3 126.5
141 62.8 60.1 90.1



#69
Hexachlorobenzene
Concen: 42.426 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:284 Resp: 94170
Ion Ratio Lower Upper
284 100
142 37.5 30.5 45.7
249 32.6 25.3 37.9





#70

Atrazine

Concen: 43.555 ng/ul

RT: 16.698 min Scan# 21

Delta R.T. -0.006 min

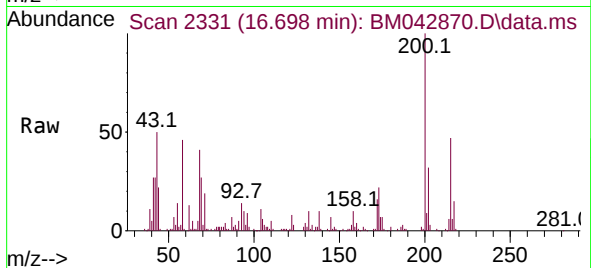
Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

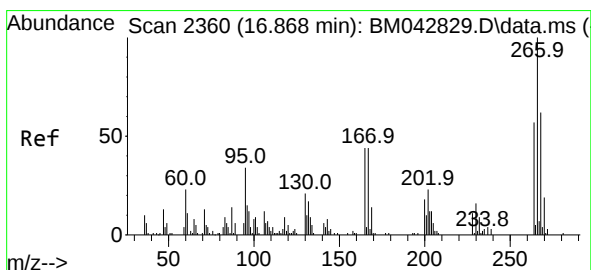
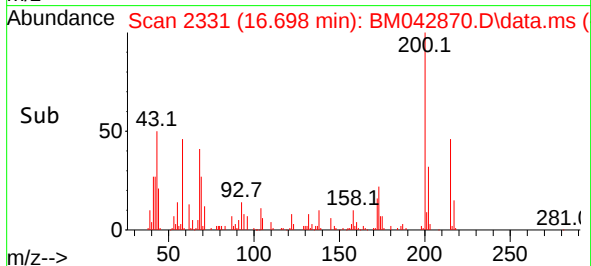
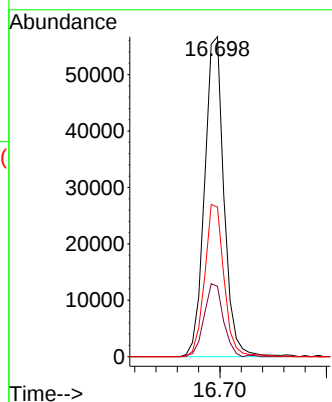
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	200	Resp:	71775
Ion Ratio	Lower	Upper	
200	100		
173	22.0	19.8	29.6
215	46.7	38.2	57.2



#71

Pentachlorophenol

Concen: 37.023 ng/ul

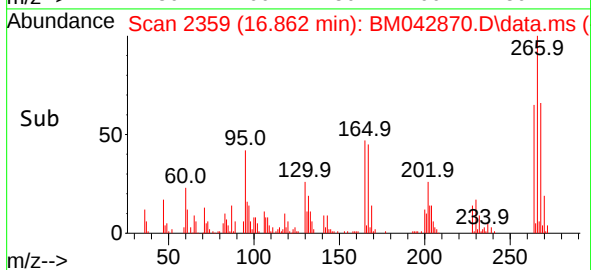
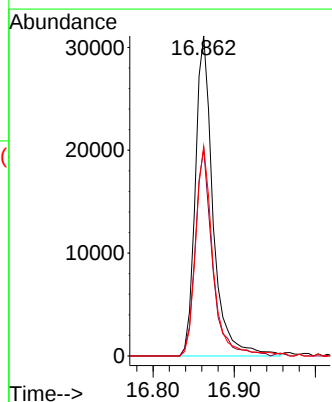
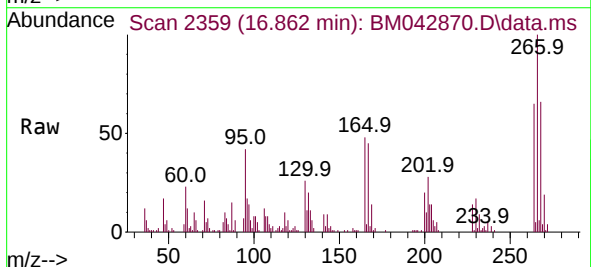
RT: 16.862 min Scan# 2359

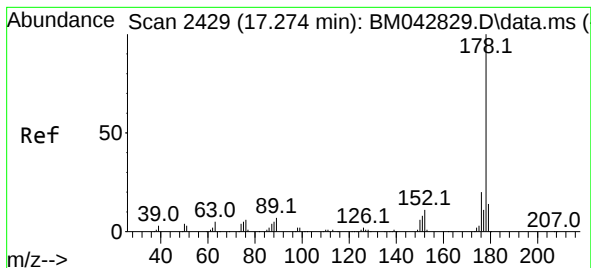
Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Tgt Ion:	266	Resp:	47321
Ion Ratio	Lower	Upper	
266	100		
264	64.7	50.3	75.5
268	65.5	52.1	78.1





#72

Phenanthrene

Concen: 46.123 ng/ul

RT: 17.268 min Scan# 2428

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

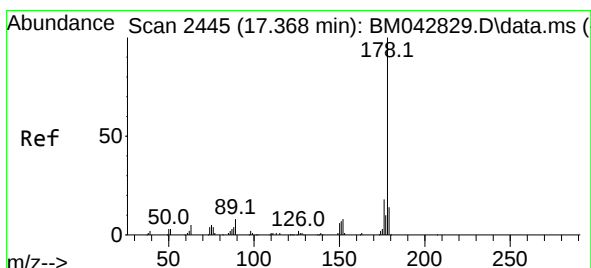
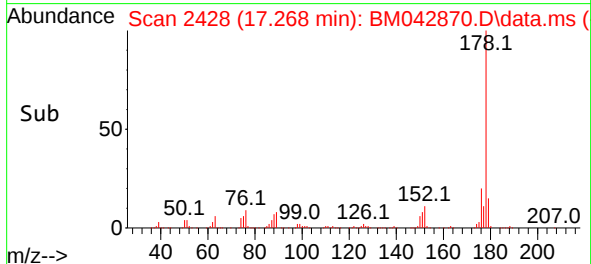
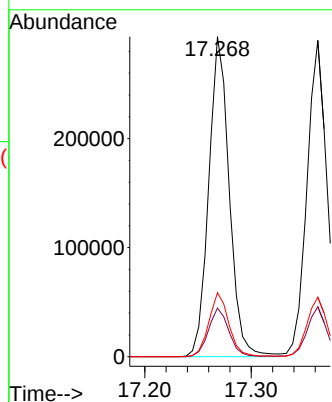
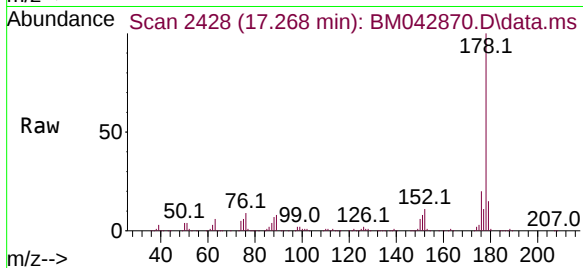
Tgt Ion:178 Resp: 393040

Ion Ratio Lower Upper

178 100

179 15.2 11.4 17.2

176 20.0 15.5 23.3



#74

Anthracene

Concen: 45.992 ng/ul

RT: 17.362 min Scan# 2444

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

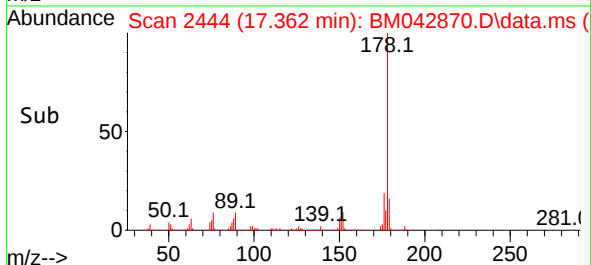
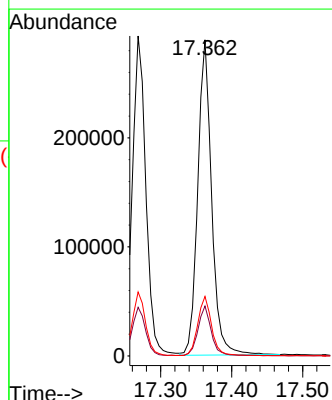
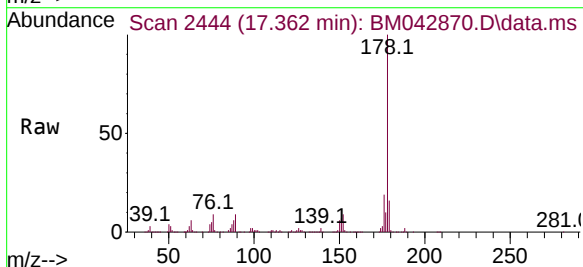
Tgt Ion:178 Resp: 394214

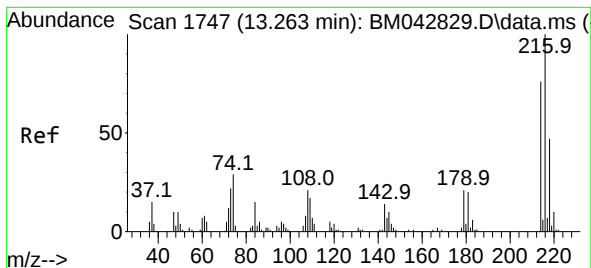
Ion Ratio Lower Upper

178 100

179 15.8 12.0 18.0

176 18.8 15.7 23.5

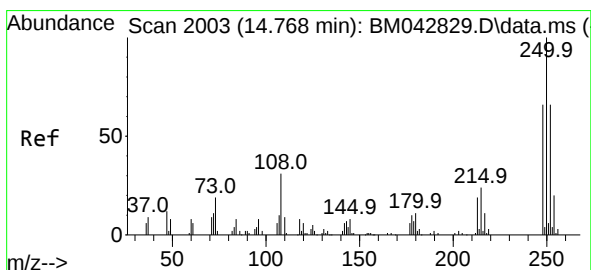
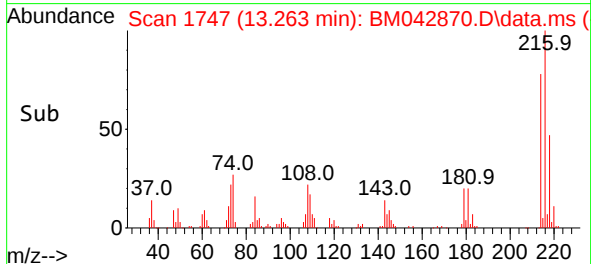
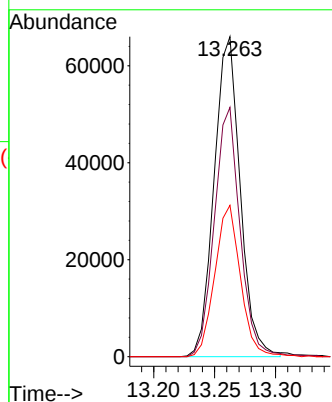
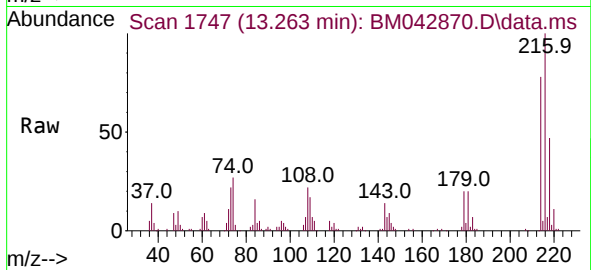




#75
1,2,3,4-Tetrachlorobenzene
Concen: 40.840 ng/uL
RT: 13.263 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

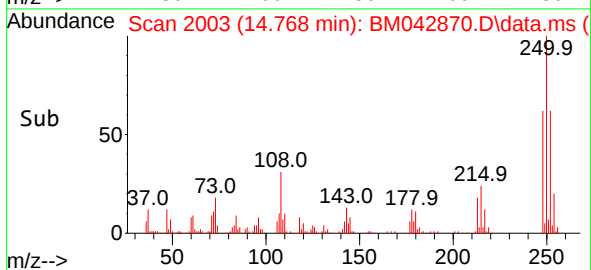
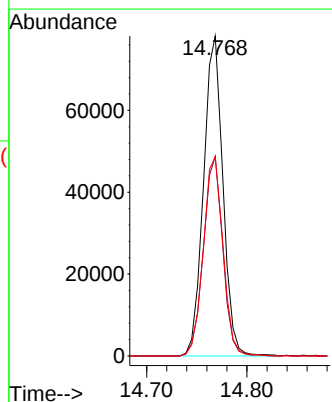
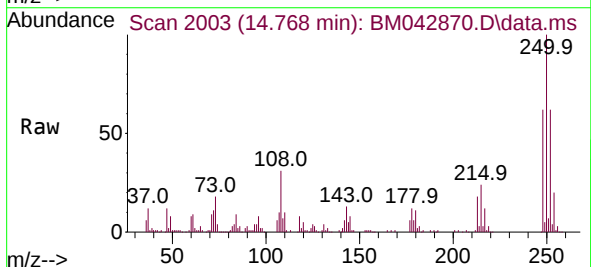
Instrument :
BNA_M
ClientSampleId :

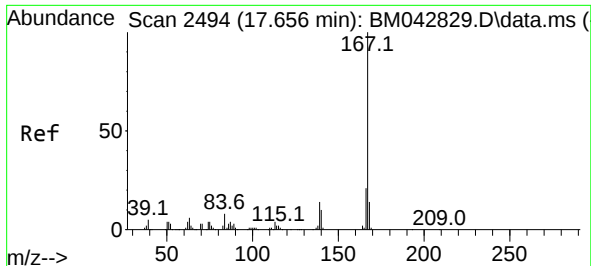
Tgt Ion:216 Resp: 98506
Ion Ratio Lower Upper
216 100
214 77.9 62.6 94.0
218 47.3 39.3 58.9



#76
Pentachlorobenzene
Concen: 41.604 ng/uL
RT: 14.768 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:250 Resp: 105290
Ion Ratio Lower Upper
250 100
248 62.3 51.0 76.6
252 62.3 51.8 77.8

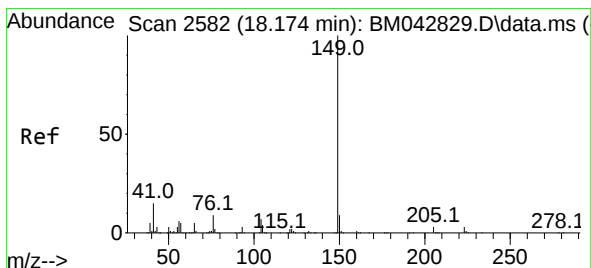
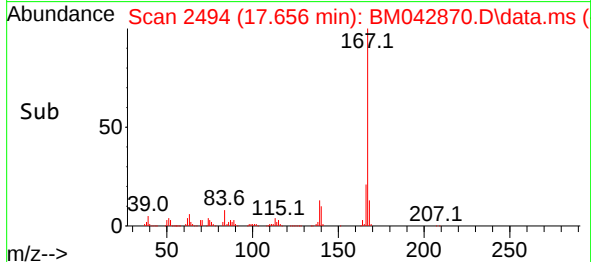
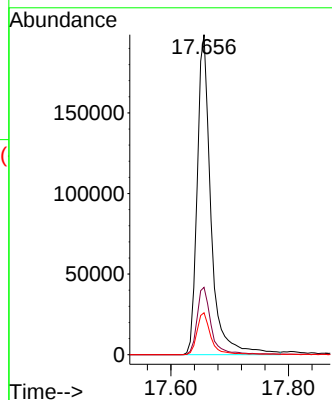
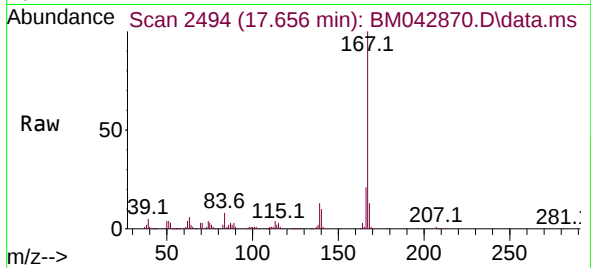




#77
 Carbazole
 Concen: 45.724 ng/ul
 RT: 17.656 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BM042870.D
 Acq: 18 Nov 2023 07:38

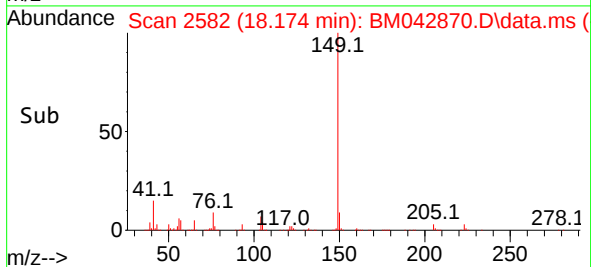
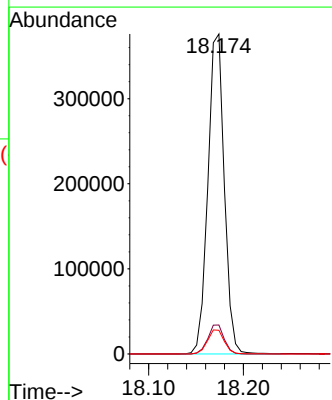
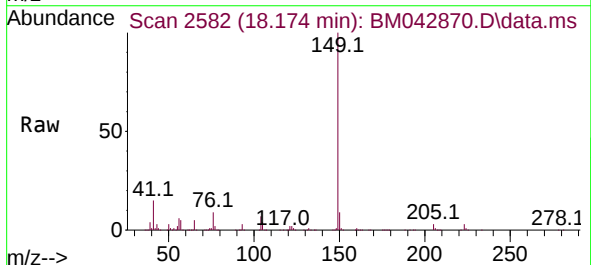
Instrument :
 BNA_M
 ClientSampleId :

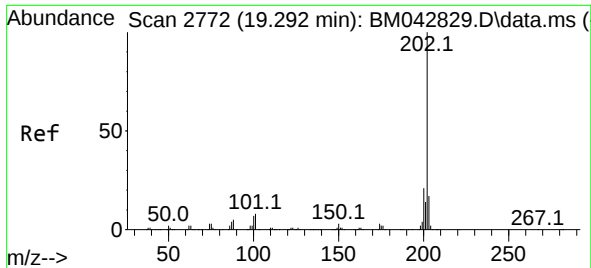
Tgt Ion:167 Resp: 323618
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 13.1 10.8 16.2



#78
 Di-n-butylphthalate
 Concen: 43.596 ng/ul
 RT: 18.174 min Scan# 2582
 Delta R.T. -0.006 min
 Lab File: BM042870.D
 Acq: 18 Nov 2023 07:38

Tgt Ion:149 Resp: 451197
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 7.4 5.3 7.9

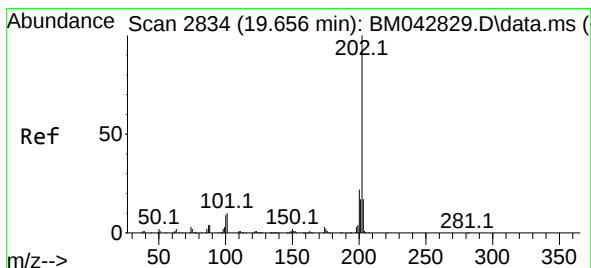
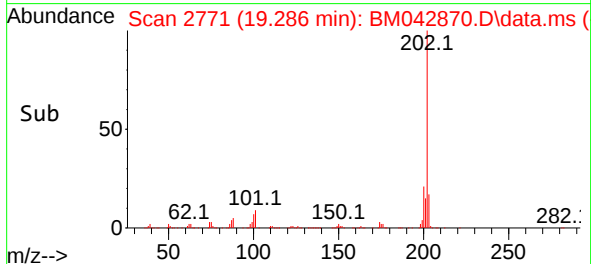
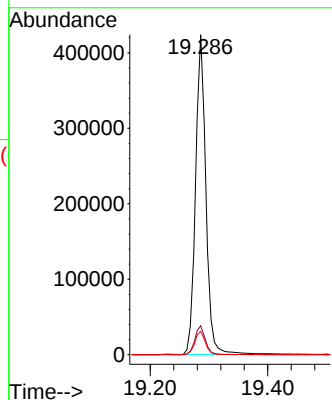
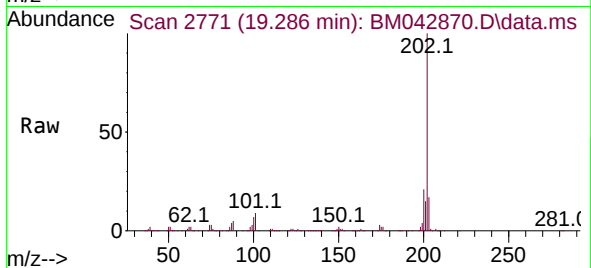




#80
Fluoranthene
Concen: 42.280 ng/ul
RT: 19.286 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

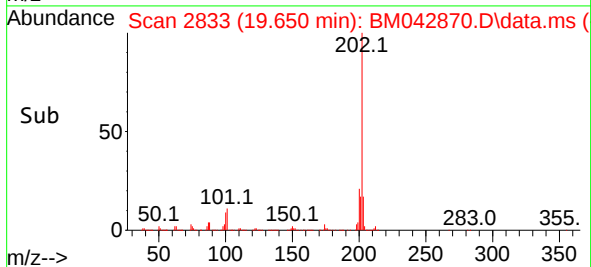
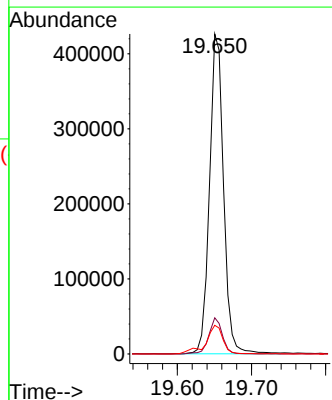
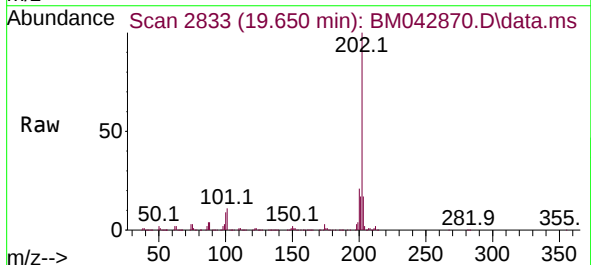
Instrument :
BNA_M
ClientSampleId :

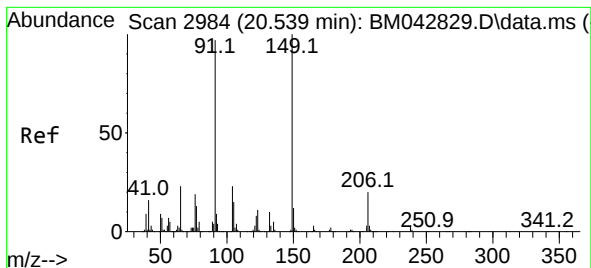
Tgt Ion:202 Resp: 517958
Ion Ratio Lower Upper
202 100
101 9.0 6.6 9.8
100 7.3 5.6 8.4



#82
Pyrene
Concen: 43.140 ng/ul
RT: 19.650 min Scan# 2833
Delta R.T. -0.012 min
Lab File: BM042870.D
Acq: 18 Nov 2023 07:38

Tgt Ion:202 Resp: 560371
Ion Ratio Lower Upper
202 100
101 11.3 8.1 12.1
100 9.0 6.9 10.3





#83

Butylbenzylphthalate

Concen: 38.117 ng/ul

RT: 20.539 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

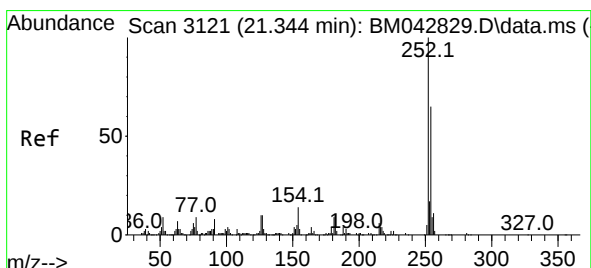
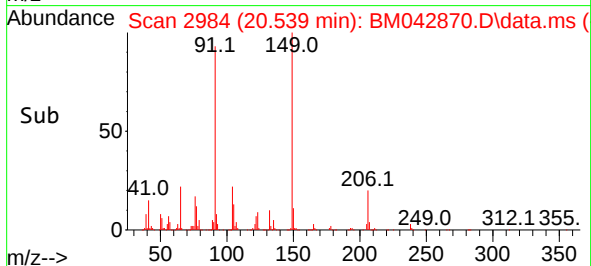
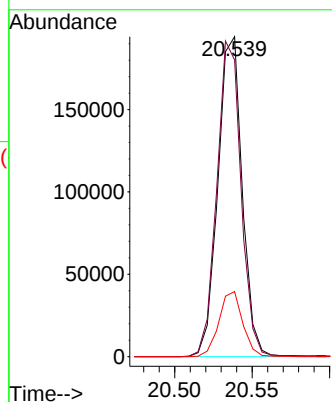
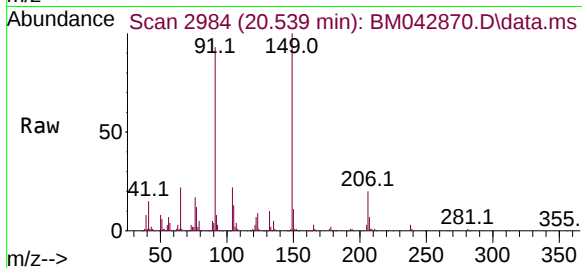
Tgt Ion:149 Resp: 211480

Ion Ratio Lower Upper

149 100

91 92.7 69.3 103.9

206 20.4 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 34.795 ng/ul

RT: 21.344 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

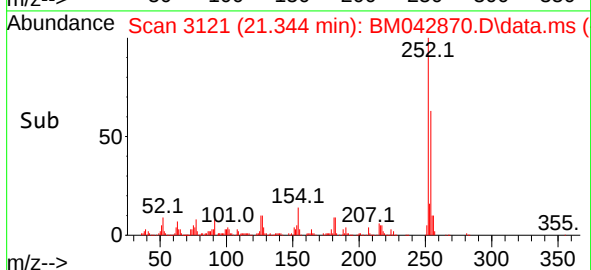
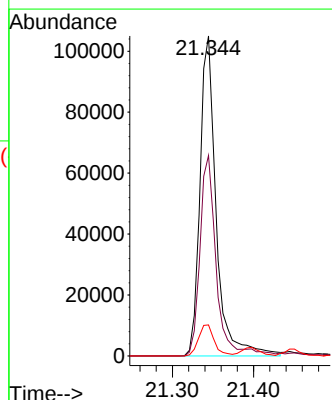
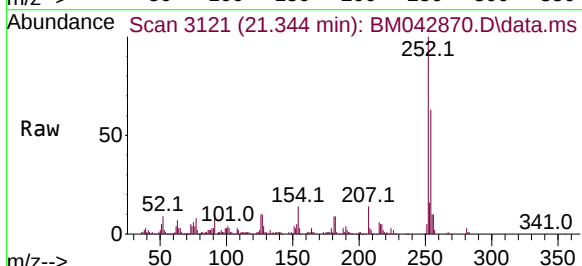
Tgt Ion:252 Resp: 146114

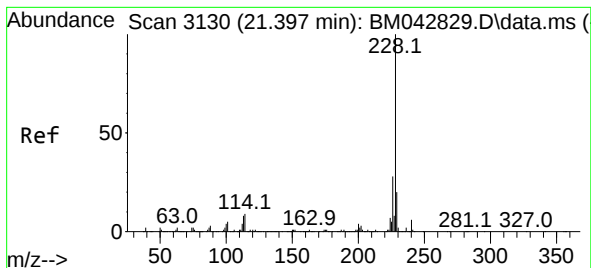
Ion Ratio Lower Upper

252 100

254 62.7 51.8 77.6

126 9.7 7.8 11.8





#85

Benzo(a)anthracene

Concen: 44.650 ng/ul

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

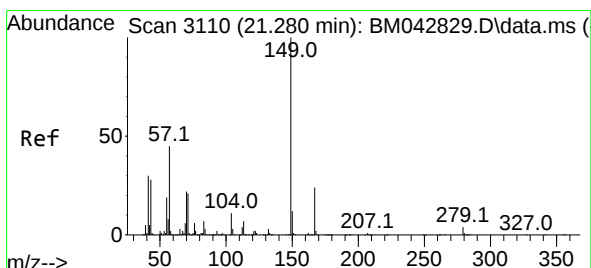
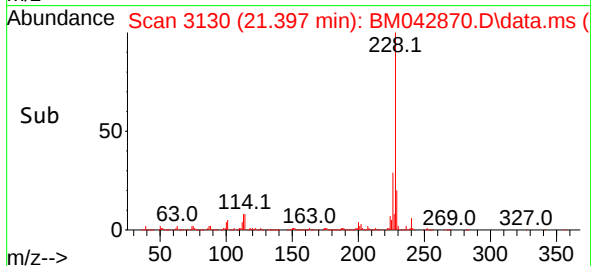
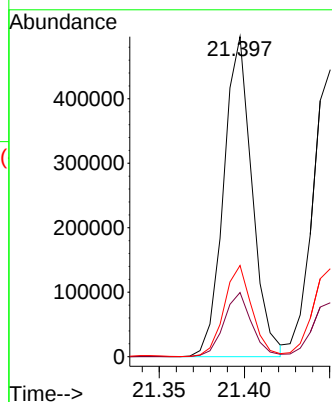
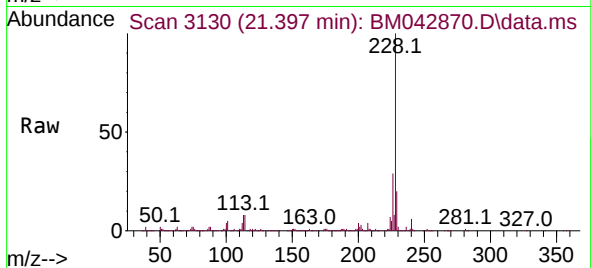
Tgt Ion:228 Resp: 575078

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 28.5 22.5 33.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.627 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

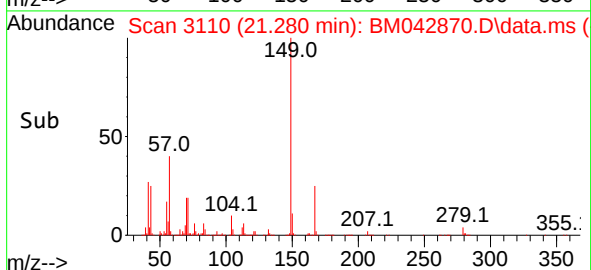
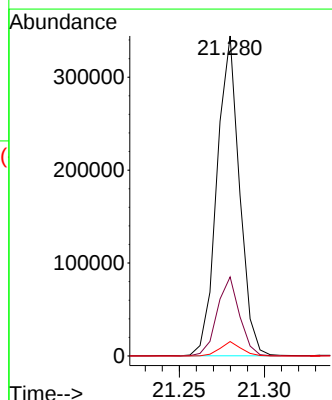
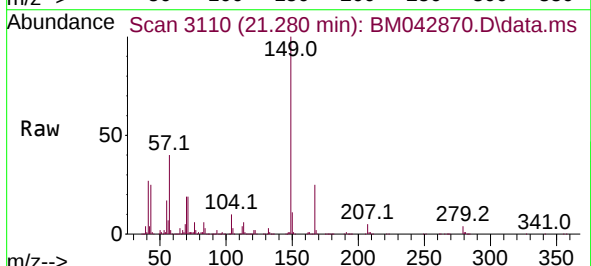
Tgt Ion:149 Resp: 316728

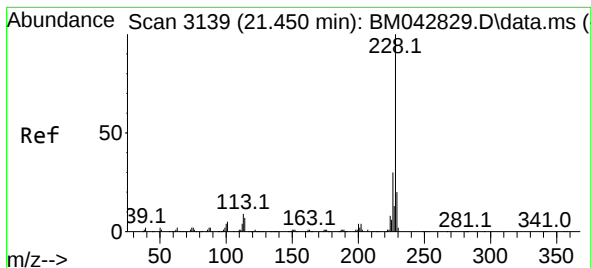
Ion Ratio Lower Upper

149 100

167 24.7 20.6 31.0

279 4.5 3.5 5.3





#87

Chrysene

Concen: 44.149 ng/ul

RT: 21.450 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

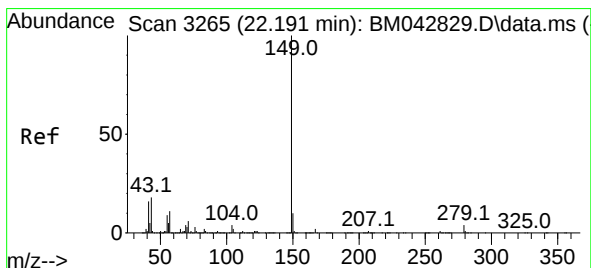
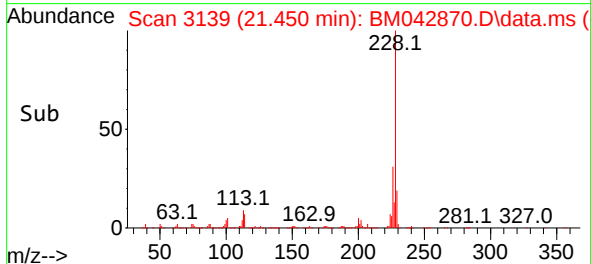
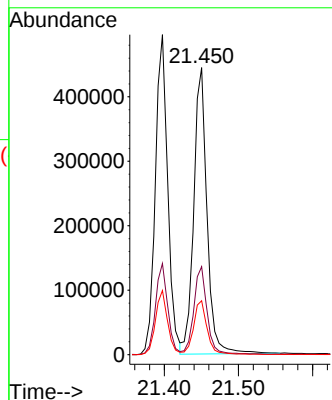
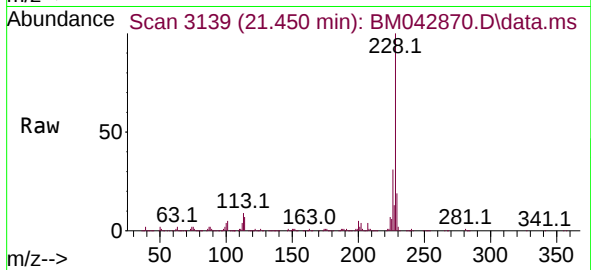
Tgt Ion:228 Resp: 551468

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 18.8 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 39.751 ng/ul

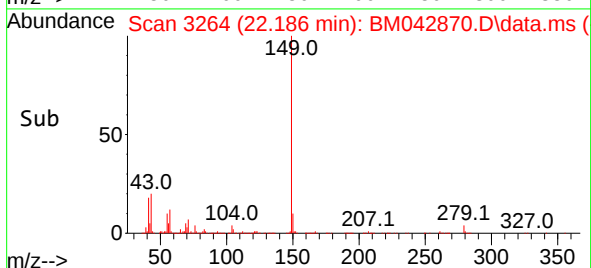
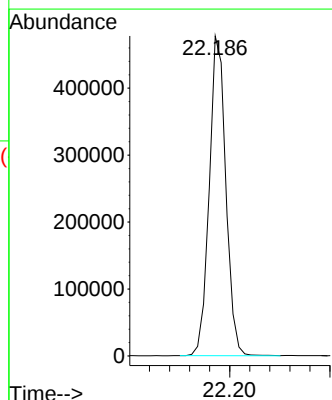
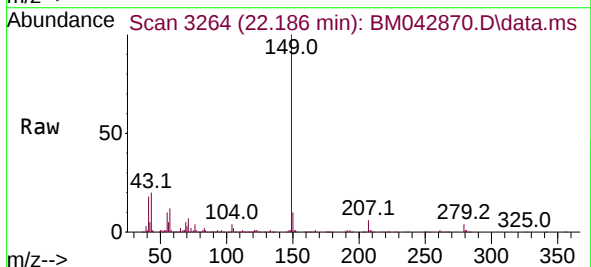
RT: 22.186 min Scan# 3264

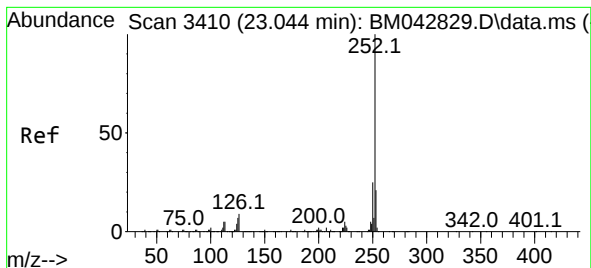
Delta R.T. -0.018 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Tgt Ion:149 Resp: 546634





#90

Benzo(b)fluoranthene

Concen: 48.121 ng/ul

RT: 23.044 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :

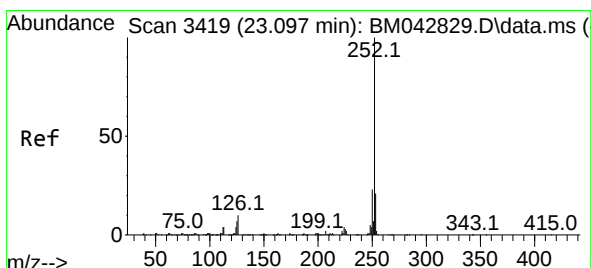
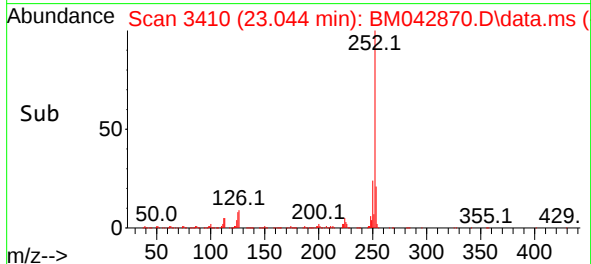
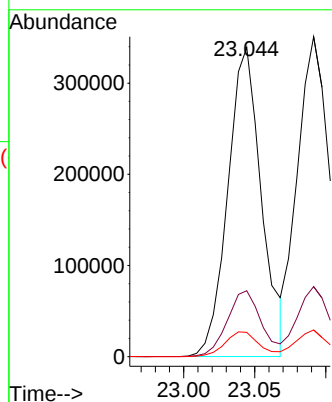
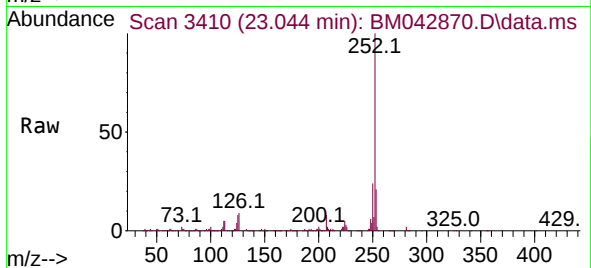
Tgt Ion:252 Resp: 559061

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 7.9 5.2 7.8#



#91

Benzo(k)fluoranthene

Concen: 45.205 ng/ul

RT: 23.044 min Scan# 3410

Delta R.T. -0.059 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

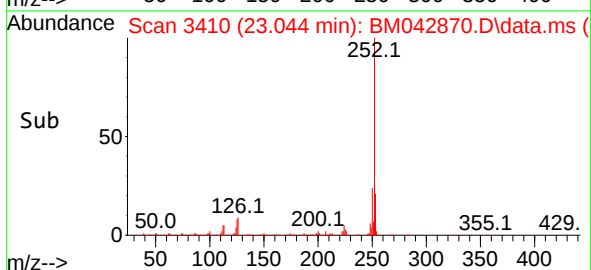
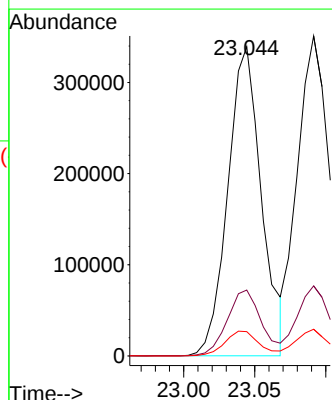
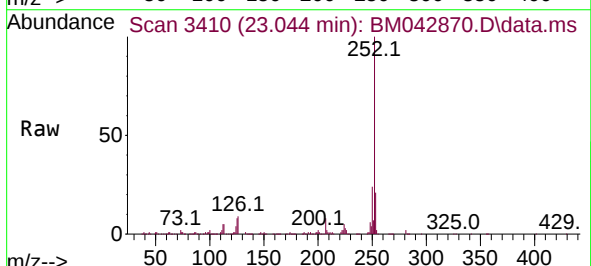
Tgt Ion:252 Resp: 559061

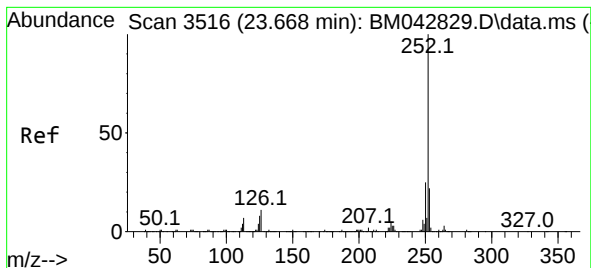
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 7.9 5.5 8.3





#93

Benzo(a)pyrene

Concen: 47.432 ng/u1

RT: 23.668 min Scan# 3

Delta R.T. -0.012 min

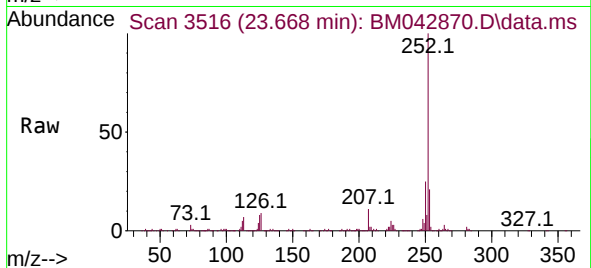
Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

Instrument :

BNA_M

ClientSampleId :



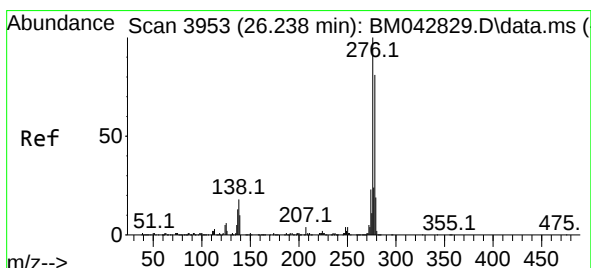
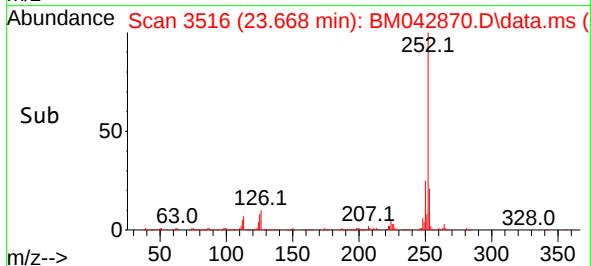
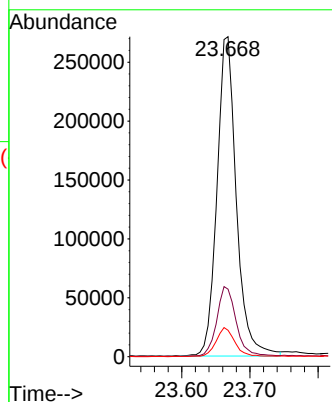
Tgt Ion:252 Resp: 536961

Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.6

125 8.3 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 47.892 ng/u1

RT: 26.232 min Scan# 3952

Delta R.T. -0.012 min

Lab File: BM042870.D

Acq: 18 Nov 2023 07:38

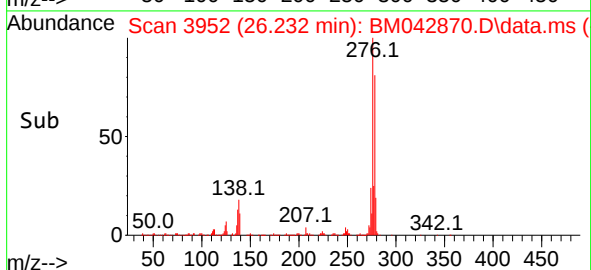
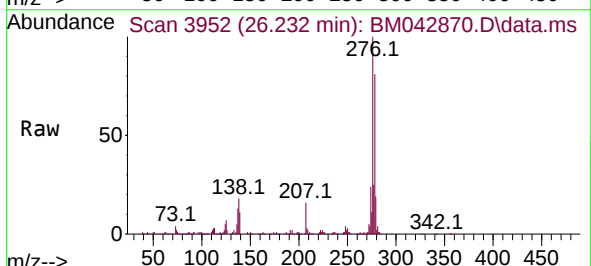
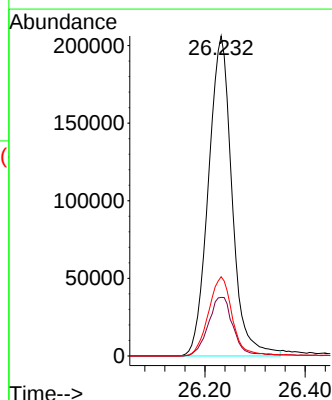
Tgt Ion:276 Resp: 673810

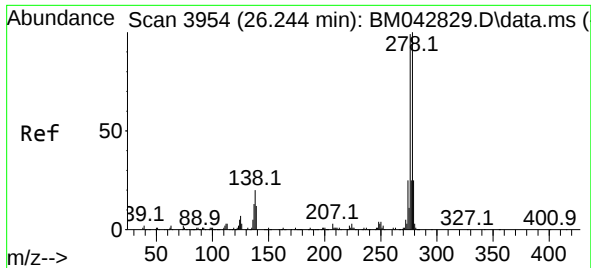
Ion Ratio Lower Upper

276 100

138 18.3 13.8 20.8

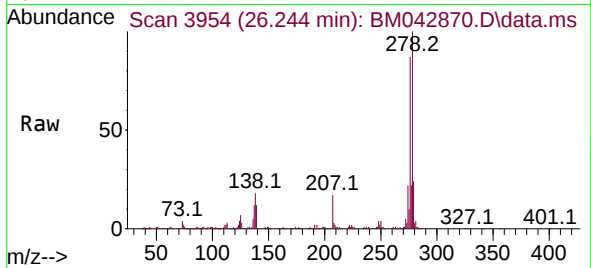
277 24.7 19.7 29.5





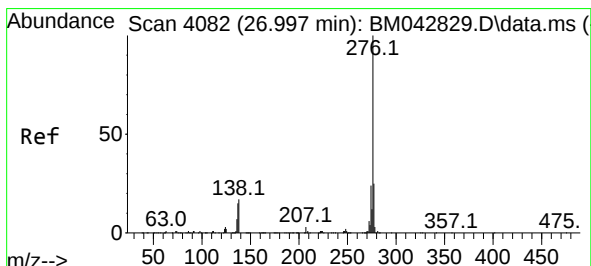
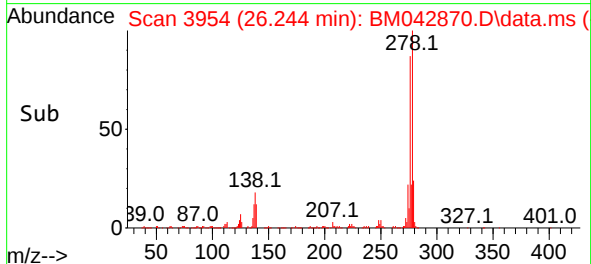
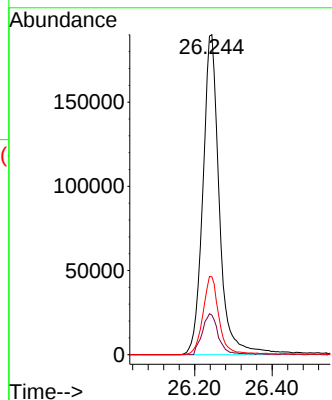
#95
 Dibenzo(a,h)anthracene
 Concen: 48.142 ng/ul
 RT: 26.244 min Scan# 3954
 Delta R.T. -0.018 min
 Lab File: BM042870.D
 Acq: 18 Nov 2023 07:38

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 561549

Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.0	13.4
279	24.3	18.8	28.2



#96
 Benzo(g,h,i)perylene
 Concen: 46.763 ng/ul
 RT: 26.997 min Scan# 4082
 Delta R.T. -0.024 min
 Lab File: BM042870.D
 Acq: 18 Nov 2023 07:38

Tgt Ion:276 Resp: 522450

Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.0	19.6
277	23.8	18.4	27.6

