

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042871.D
 Acq On : 18 Nov 2023 08:14
 Operator : MA/JU
 Sample : 05226-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 21:07:52 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	23256	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.628	136	99203	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.474	164	65955	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.227	188	150290	20.000	ng/u1	-0.01
79) Chrysene-d12	21.409	240	177734	20.000	ng/u1	-0.01
88) Perylene-d12	23.768	264	184872	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	3320	4.479	ng/uL	-0.01
4) Pyridine-d5	3.616	84	19741	10.708	ng/u1	0.00
7) Phenol-d5	6.992	99	10992	4.856	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	57927	36.422	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.340	132	39754	22.763	ng/u1	-0.01
15) 4-Methylphenol-d8	8.539	113	27989	15.705	ng/u1	-0.01
21) Nitrobenzene-d5	9.016	128	26690	30.687	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	27717	27.241	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.251	165	51004	26.959	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.804	131	66666	27.753	ng/u1	-0.01
46) Dimethylphthalate-d6	13.898	166	199903	32.025	ng/u1	0.00
49) Acenaphthylene-d8	14.174	160	215811	32.312	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.763	143	16006	22.696	ng/u1	0.02
60) Fluorene-d10	15.468	176	172341	33.341	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	33063	29.043	ng/u1	-0.01
73) Anthracene-d10	17.327	188	283943	33.712	ng/u1	-0.01
81) Pyrene-d10	19.621	212	374585	32.184	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.615	264	387318	35.025	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	3901	4.942	ng/uL#	89
5) Pyridine	3.634	79	25715	12.827	ng/u1#	88
6) Benzaldehyde	6.981	77	54274	41.794	ng/u1	94
8) Phenol	7.016	94	13949	6.196	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.257	93	67805	36.460	ng/u1	89
12) 2-Chlorophenol	7.369	128	45364	26.100	ng/u1	90
13) 2-Methylphenol	8.269	108	36038	21.466	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.328	45	87841	25.947	ng/u1	98
16) Acetophenone	8.669	105	107939	36.020	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.634	70	70805	38.814	ng/u1	87
18) 4-Methylphenol	8.604	108	32137	17.606	ng/u1	95
19) Hexachloroethane	8.869	117	33472	34.552	ng/u1	88
22) Nitrobenzene	9.063	77	99233	37.749	ng/u1	95
23) Isophorone	9.569	82	189451	36.185	ng/u1	97
25) 2-Nitrophenol	9.763	139	32741	31.672	ng/u1	92
26) 2,4-Dimethylphenol	9.804	107	59731	27.006	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.057	93	98587	37.263	ng/u1	98
29) 2,4-Dichlorophenol	10.281	162	55053	30.735	ng/u1	99
30) Naphthalene	10.680	128	216070	34.766	ng/u1	99
32) 4-Chloroaniline	10.833	127	66642	28.918	ng/u1	97
33) Hexachlorobutadiene	10.898	225	52086	32.919	ng/u1	98
34) Caprolactam	11.675	113	1258	2.369	ng/u1	91
35) 4-Chloro-3-methylphenol	11.933	107	55560	28.948	ng/u1	98
36) 2-Methylnaphthalene	12.292	142	147025	35.297	ng/u1	98

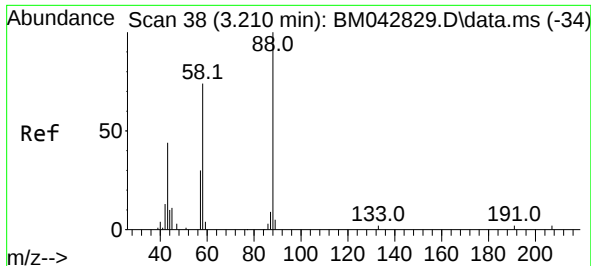
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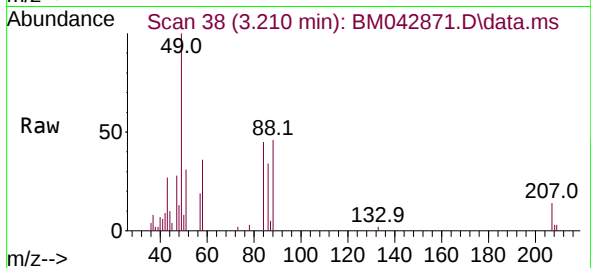
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	149623	34.165	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	95107	36.768	ng/ul	99
40) Hexachlorocyclopentadiene	12.580	237	24828	20.274	ng/ul	93
41) 2,4,6-Trichlorophenol	12.904	196	54696	34.618	ng/ul	99
42) 2,4,5-Trichlorophenol	12.980	196	53588	35.125	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	209979	38.175	ng/ul#	97
44) 2-Chloronaphthalene	13.357	162	163810	37.020	ng/ul	97
45) 2-Nitroaniline	13.604	65	62915	43.597	ng/ul	91
47) Dimethylphthalate	13.945	163	220655	36.293	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	42179	36.927	ng/ul	96
50) Acenaphthylene	14.204	152	280383	37.466	ng/ul	99
51) 3-Nitroaniline	14.439	138	32599	34.902	ng/ul	90
52) Acenaphthene	14.539	153	191052	37.748	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	15080	26.552	ng/ul#	80
55) 4-Nitrophenol	14.763	109	10141	9.138	ng/ul#	27
56) Dibenzofuran	14.874	168	270499	38.506	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	64491	38.458	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.092	232	57428	36.262	ng/ul#	99
59) Diethylphthalate	15.292	149	232161	36.415	ng/ul	100
61) Fluorene	15.521	166	238037	39.911	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.515	204	128090	39.850	ng/ul	97
63) 4-Nitroaniline	15.610	138	32031	37.616	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.633	198	38989	33.641	ng/ul	95
67) N-Nitrosodiphenylamine	15.745	169	178862	37.945	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	74045	37.013	ng/ul	93
69) Hexachlorobenzene	16.492	284	90671	37.076	ng/ul	99
70) Atrazine	16.692	200	64245	35.384	ng/ul	98
71) Pentachlorophenol	16.862	266	44563	31.644	ng/ul	97
72) Phenanthrene	17.268	178	374408	39.877	ng/ul	98
74) Anthracene	17.362	178	377402	39.962	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	96614	36.355	ng/uL	96
76) Pentachlorobenzene	14.768	250	104733	37.560	ng/uL	99
77) Carbazole	17.657	167	301964	38.723	ng/ul	99
78) Di-n-butylphthalate	18.174	149	408821	35.852	ng/ul	98
80) Fluoranthene	19.286	202	481530	36.286	ng/ul	98
82) Pyrene	19.651	202	522924	37.164	ng/ul	97
83) Butylbenzylphthalate	20.533	149	193962	32.273	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.345	252	132784	29.191	ng/ul	98
85) Benzo(a)anthracene	21.397	228	529054	37.920	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	283365	31.076	ng/ul	98
87) Chrysene	21.450	228	516800	38.194	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	493559	33.050	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	525973	41.689	ng/ul	99
91) Benzo(k)fluoranthene	23.091	252	533362	39.713	ng/ul	99
93) Benzo(a)pyrene	23.668	252	492732	40.079	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.232	276	619649	40.556	ng/ul	98
95) Dibenzo(a,h)anthracene	26.244	278	505116	39.876	ng/ul	99
96) Benzo(g,h,i)perylene	26.997	276	483669	39.865	ng/ul	99

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

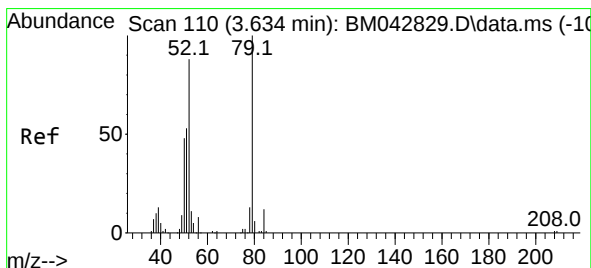
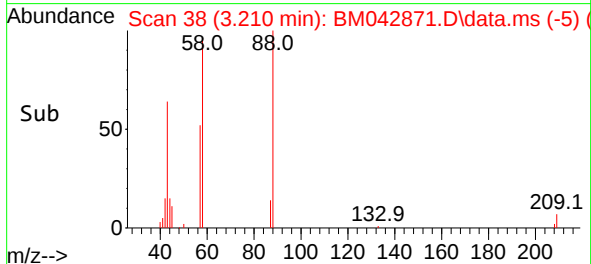
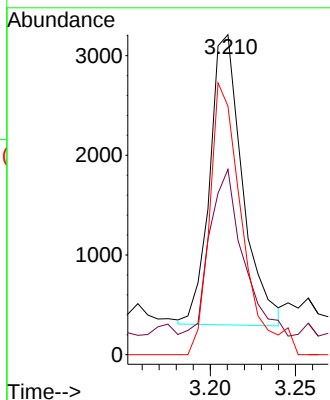


#2
1,4-Dioxane
Concen: 4.942 ng/uL
RT: 3.210 min Scan# 31
Delta R.T. -0.006 min
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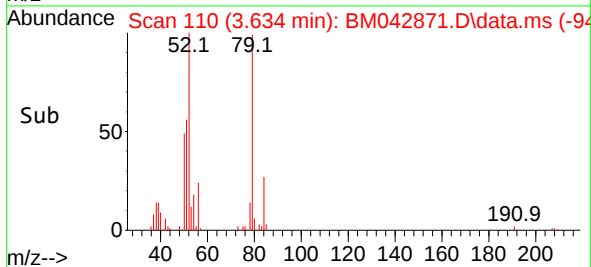
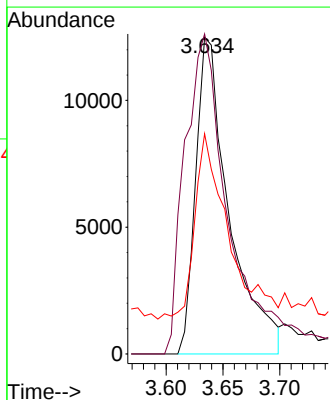
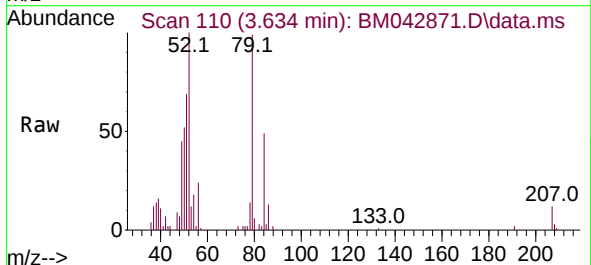


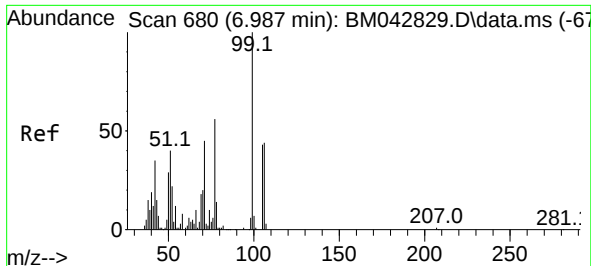
Tgt Ion: 88 Resp: 3901
Ion Ratio Lower Upper
88 100
43 57.9 34.3 51.5#
58 77.6 59.4 89.0



#5
Pyridine
Concen: 12.827 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion: 79 Resp: 25715
Ion Ratio Lower Upper
79 100
52 101.0 74.6 111.8
51 69.5 44.6 67.0#

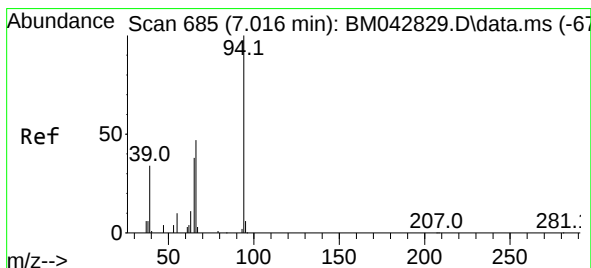
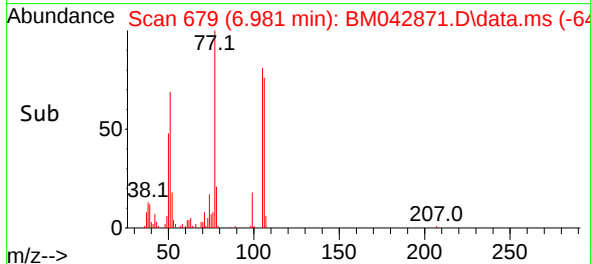
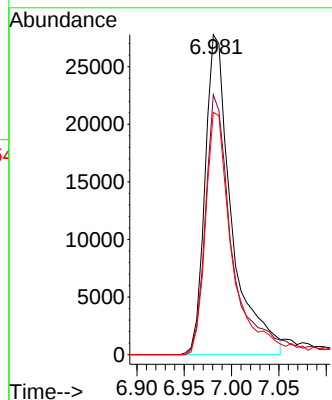
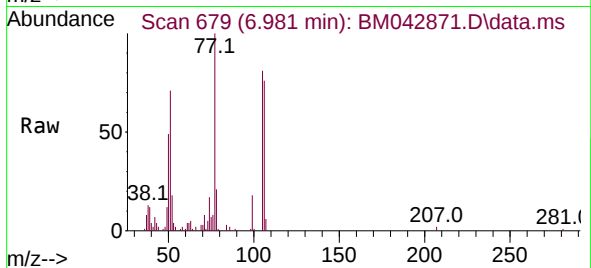




#6
Benzaldehyde
Concen: 41.794 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

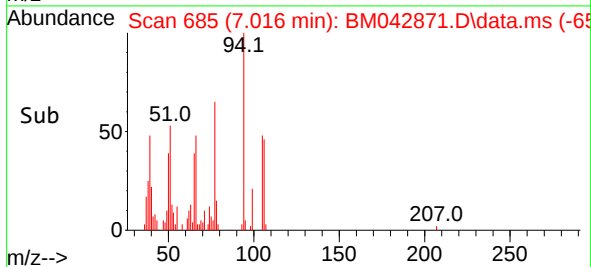
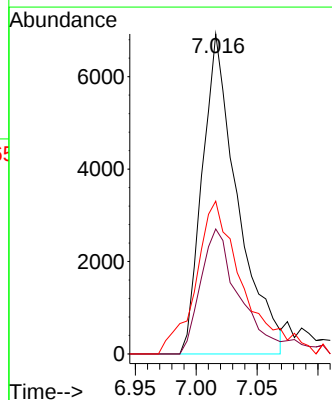
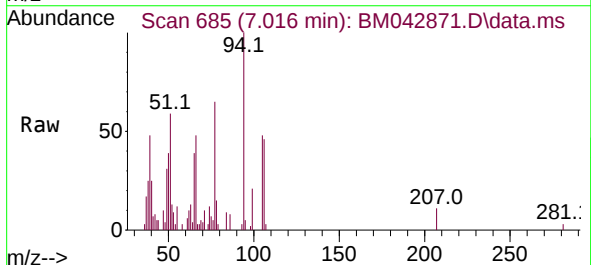
Instrument :
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ClientSampleId :

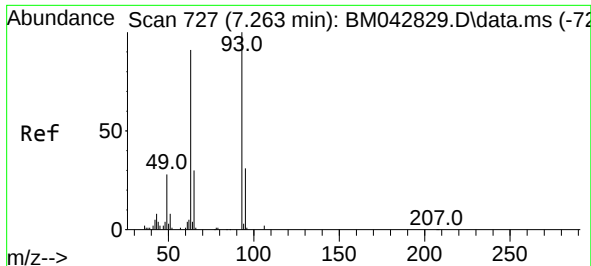
Tgt Ion: 77 Resp: 54274
Ion Ratio Lower Upper
77 100
105 81.3 69.6 104.4
106 75.8 64.2 96.2



#8
Phenol
Concen: 6.196 ng/ul
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

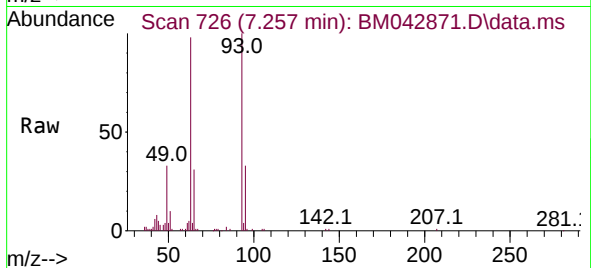
Tgt Ion: 94 Resp: 13949
Ion Ratio Lower Upper
94 100
65 39.1 30.3 45.5
66 47.7 39.9 59.9



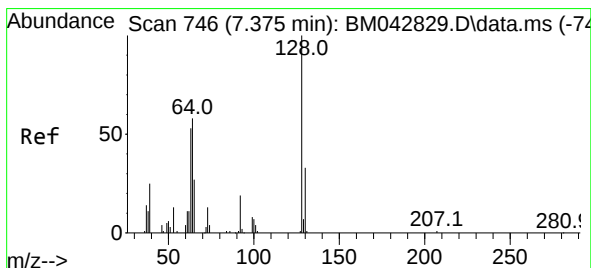
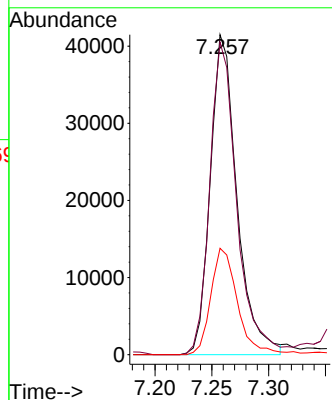
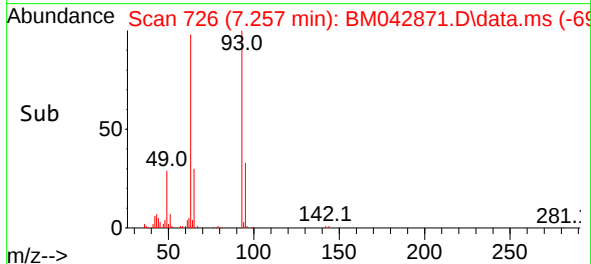


#10
Bis(2-Chloroethyl)ether
Concen: 36.460 ng/ul
RT: 7.257 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Instrument :
BNA_M
ClientSampleId :

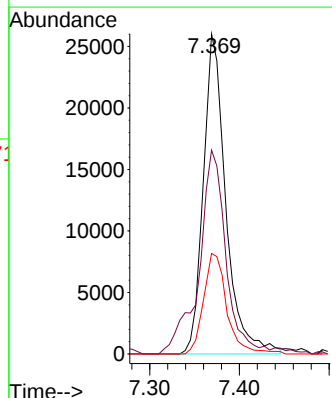
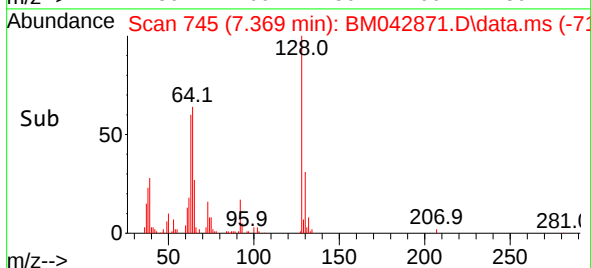
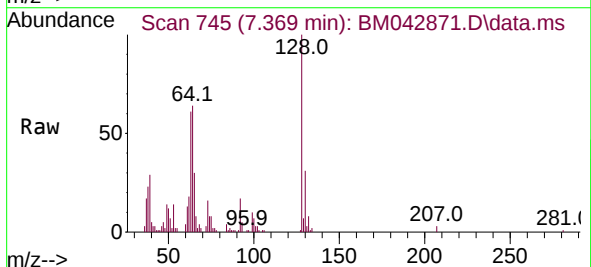


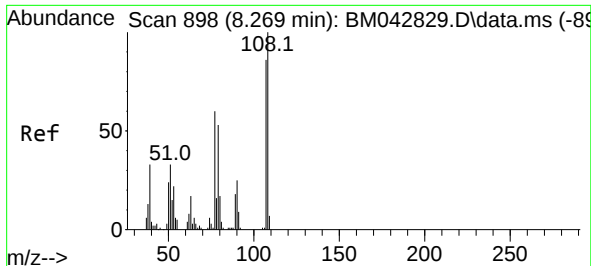
Tgt Ion: 93 Resp: 67805
Ion Ratio Lower Upper
93 100
63 97.6 68.6 102.8
95 33.3 24.8 37.2



#12
2-Chlorophenol
Concen: 26.100 ng/ul
RT: 7.369 min Scan# 745
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion: 128 Resp: 45364
Ion Ratio Lower Upper
128 100
64 63.7 42.9 64.3
130 31.4 23.9 35.9

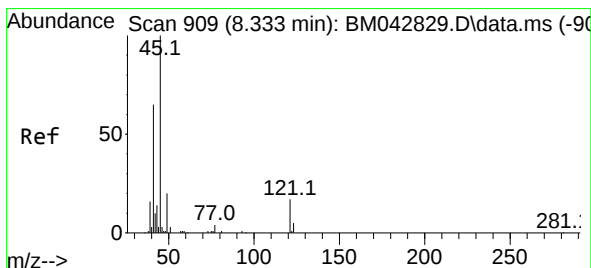
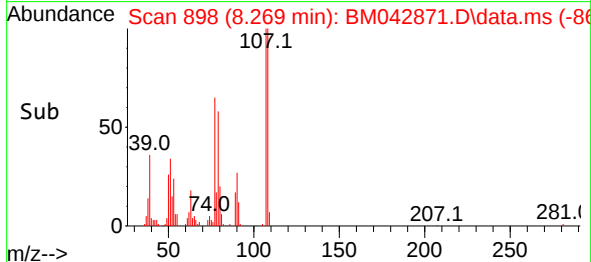
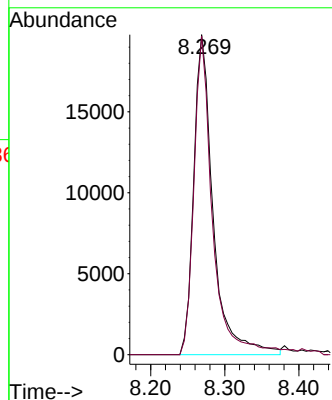
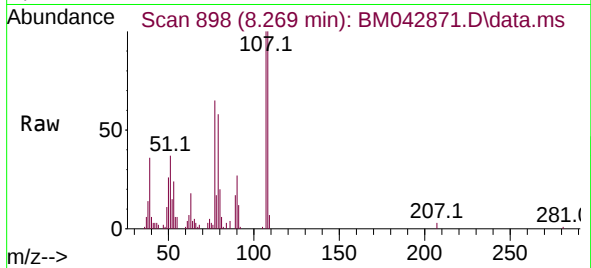




#13
2-Methylphenol
Concen: 21.466 ng/ul
RT: 8.269 min Scan# 898
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

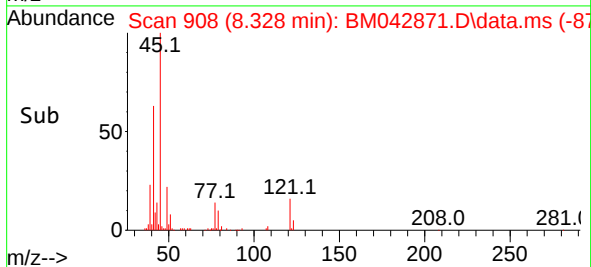
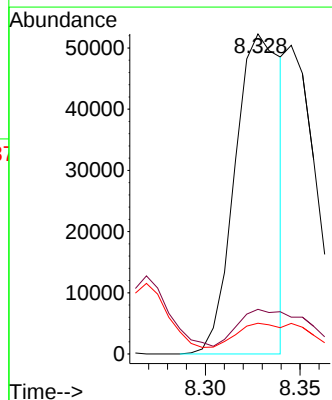
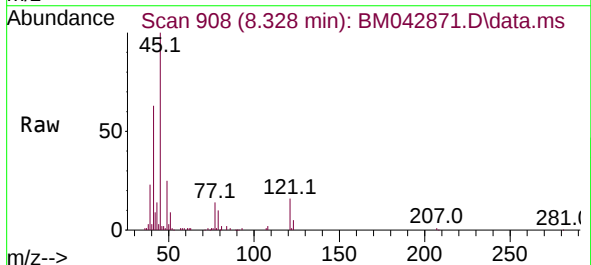
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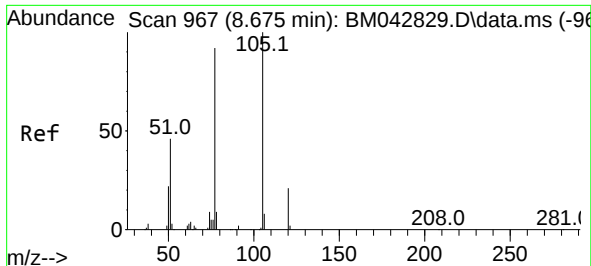
Tgt Ion:108 Resp: 36038
Ion Ratio Lower Upper
108 100
107 99.6 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 25.947 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion: 45 Resp: 87841
Ion Ratio Lower Upper
45 100
77 13.9 12.2 18.2
79 9.6 8.2 12.2

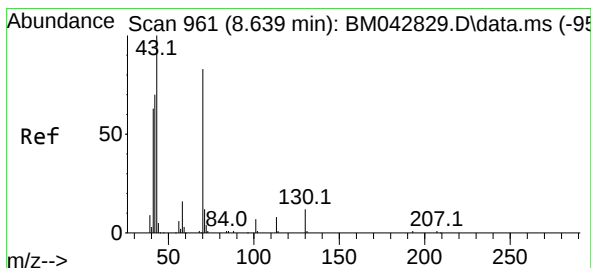
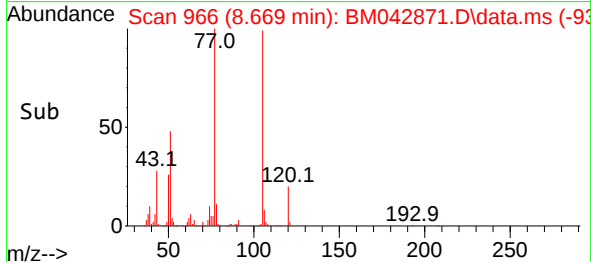
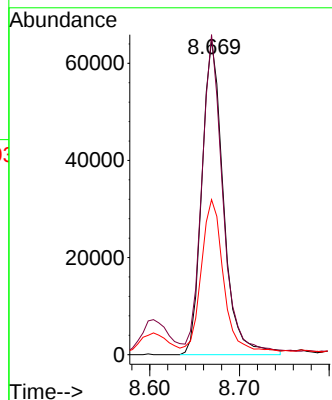
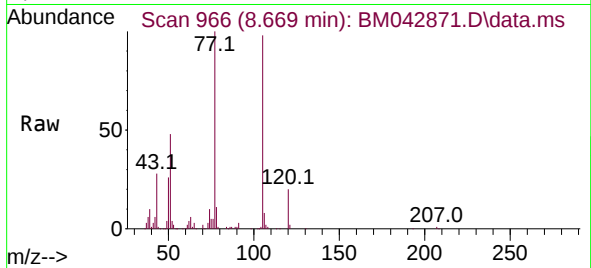




#16
Acetophenone
Concen: 36.020 ng/ul
RT: 8.669 min Scan# 967
Delta R.T. -0.012 min
Lab File: BM042871.D
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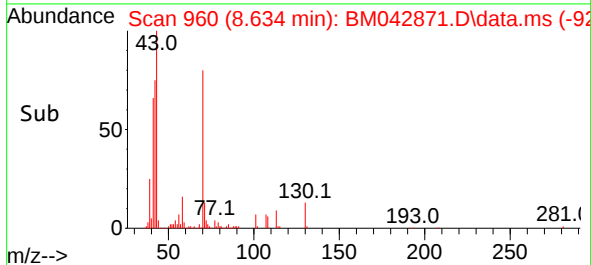
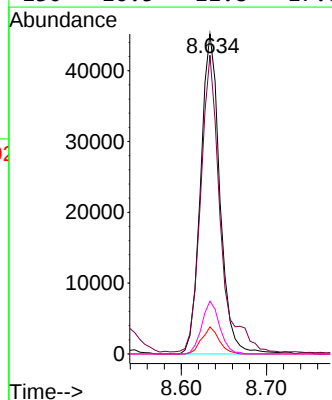
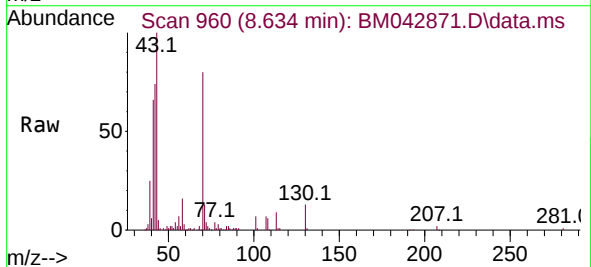
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ClientSampleId :

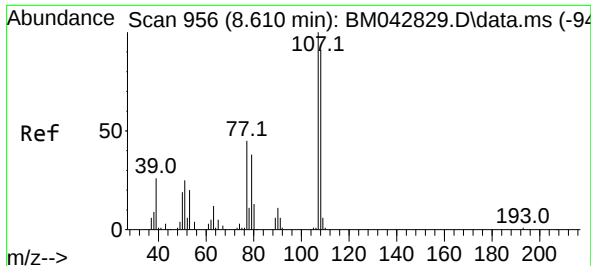
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Ion Ratio Lower Upper
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77 101.7 71.6 107.4
51 49.3 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 38.814 ng/ul
RT: 8.634 min Scan# 960
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion: 70 Resp: 70805
Ion Ratio Lower Upper
70 100
42 93.4 63.0 94.6
101 8.4 7.0 10.4
130 16.5 11.8 17.8

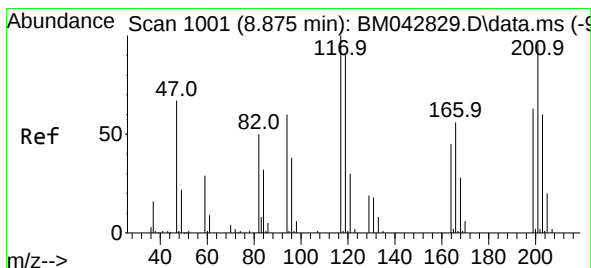
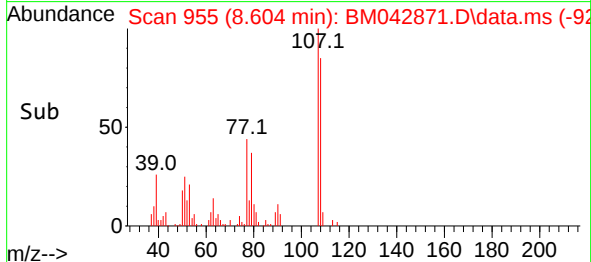
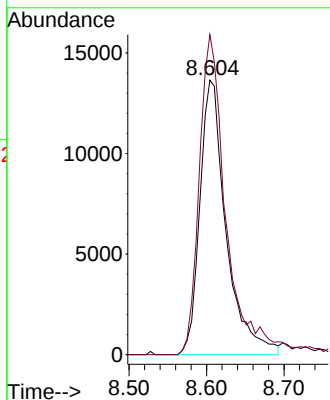
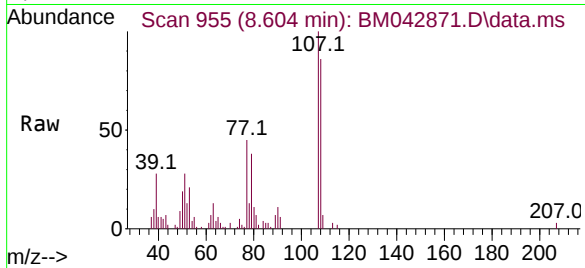




#18
4-Methylphenol
Concen: 17.606 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

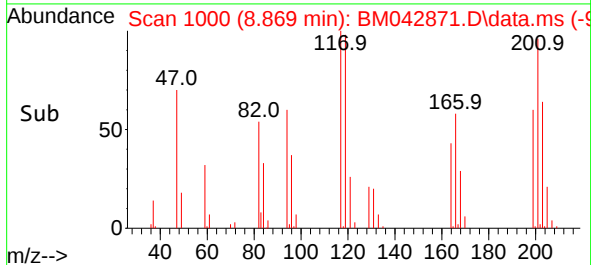
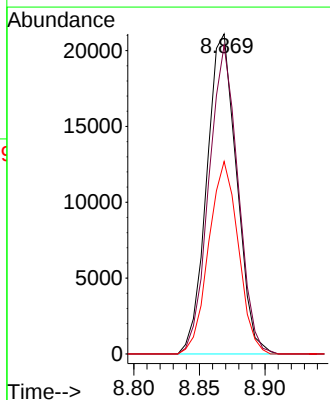
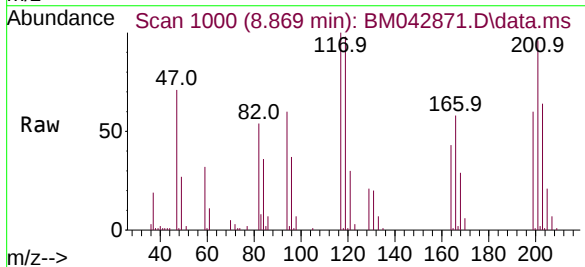
Instrument :
BNA_M
ClientSampleId :

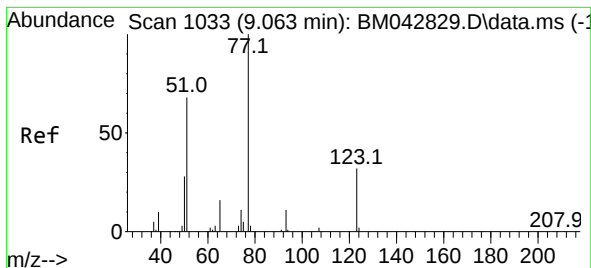
Tgt Ion:108 Resp: 32137
Ion Ratio Lower Upper
108 100
107 116.5 89.4 134.0



#19
Hexachloroethane
Concen: 34.552 ng/ul
RT: 8.869 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:117 Resp: 33472
Ion Ratio Lower Upper
117 100
201 96.4 90.0 135.0
199 60.1 52.2 78.4





#22

Nitrobenzene

Concen: 37.749 ng/ul

RT: 9.063 min Scan# 1119

Delta R.T. -0.012 min

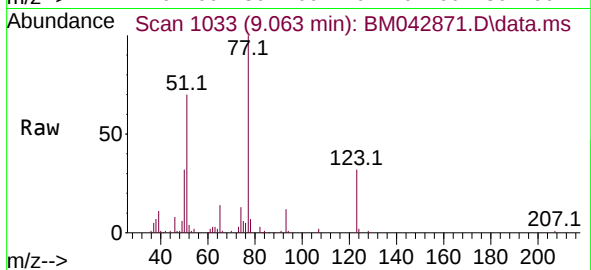
Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

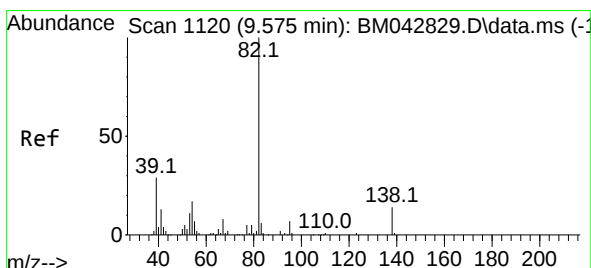
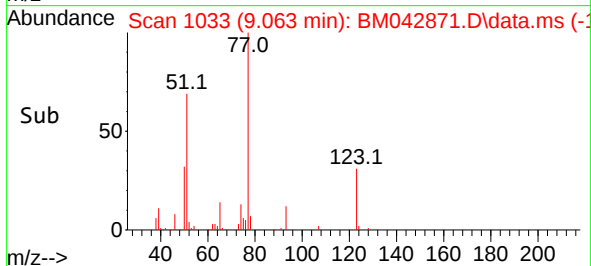
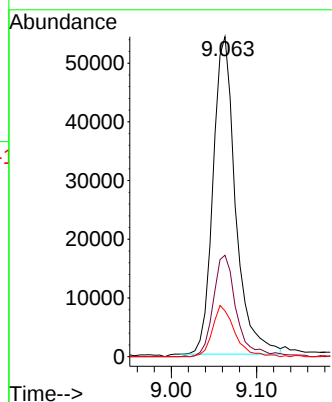
Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 77	Resp: 99233
Ion Ratio	Lower Upper
77 100	
123 31.7	28.4 42.6
65 14.3	12.4 18.6



#23

Isophorone

Concen: 36.185 ng/ul

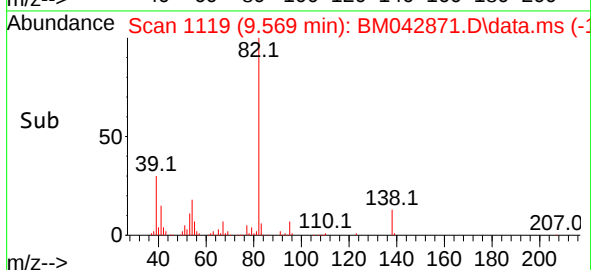
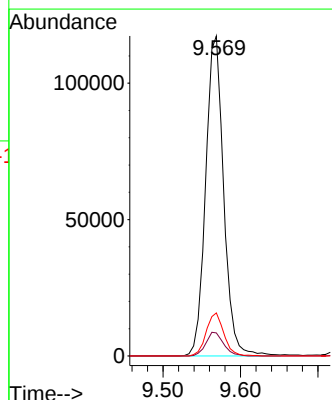
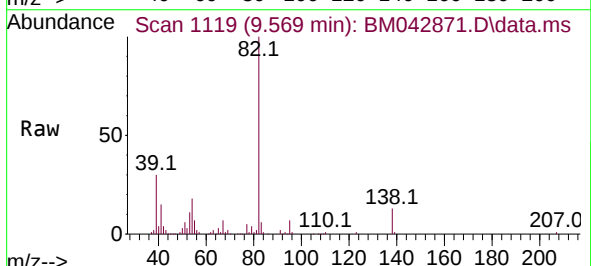
RT: 9.569 min Scan# 1119

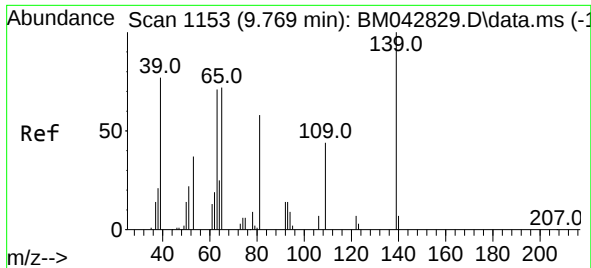
Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Tgt Ion: 82	Resp: 189451
Ion Ratio	Lower Upper
82 100	
95 7.2	6.4 9.6
138 13.5	12.1 18.1

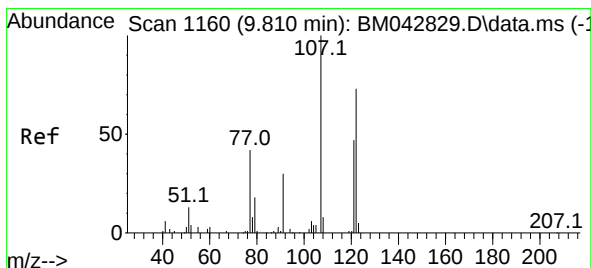
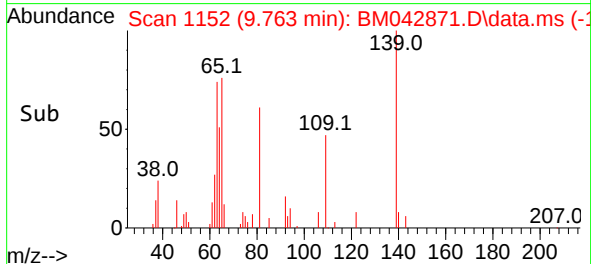
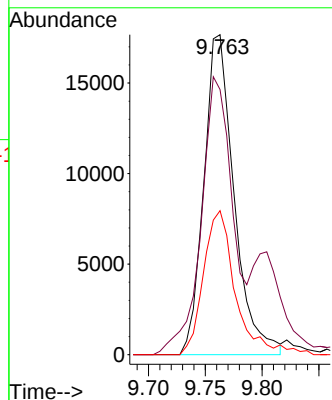
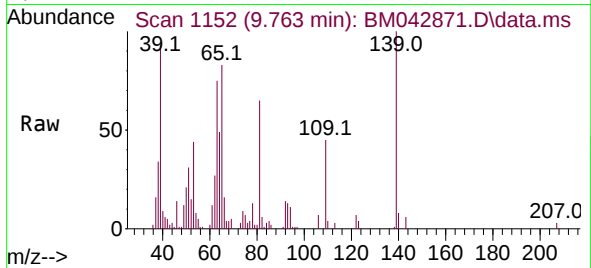




#25
2-Nitrophenol
Concen: 31.672 ng/ul
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

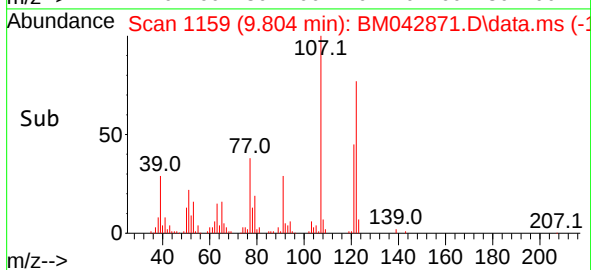
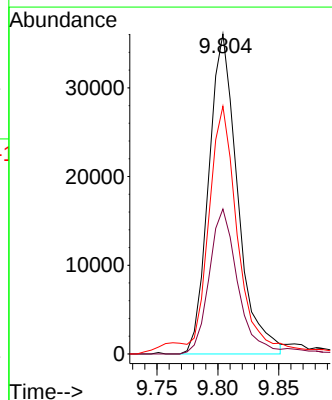
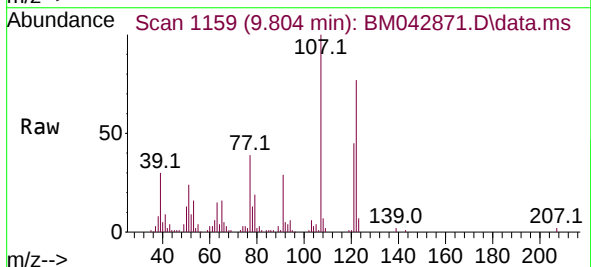
Instrument :
BNA_M
ClientSampleId :

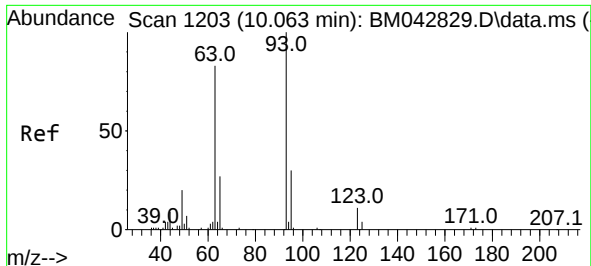
Tgt Ion:139 Resp: 32741
Ion Ratio Lower Upper
139 100
65 82.9 59.1 88.7
109 45.0 33.9 50.9



#26
2,4-Dimethylphenol
Concen: 27.006 ng/ul
RT: 9.804 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:107 Resp: 59731
Ion Ratio Lower Upper
107 100
121 45.3 38.0 57.0
122 77.4 60.5 90.7





#27

Bis(2-Chloroethoxy)methane

Concen: 37.263 ng/ul

RT: 10.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042871.D

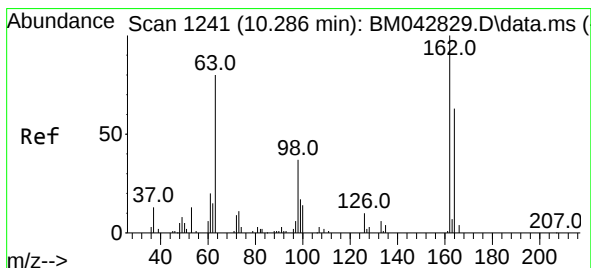
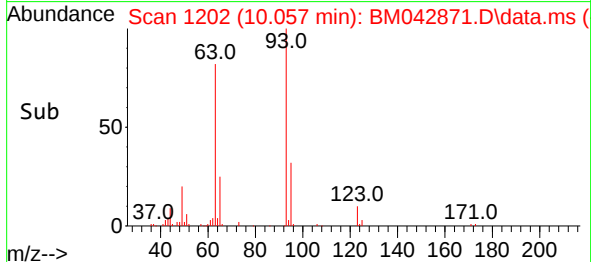
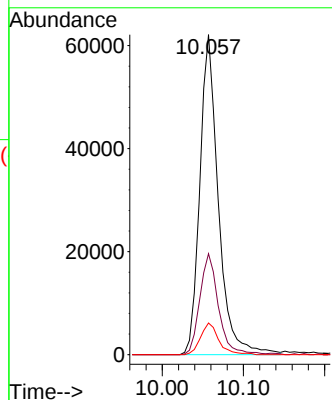
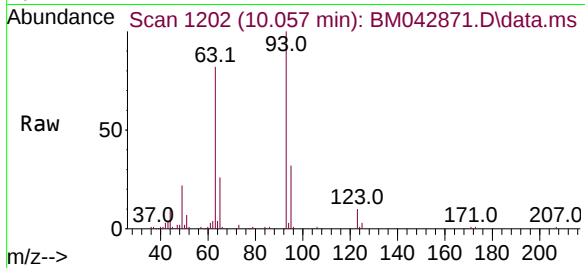
Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 93	Resp:	98587
Ion Ratio	Lower	Upper
93	100	
95	31.6	26.5 39.7
123	9.9	8.2 12.2



#29

2,4-Dichlorophenol

Concen: 30.735 ng/ul

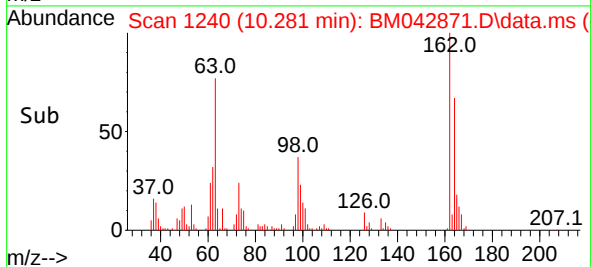
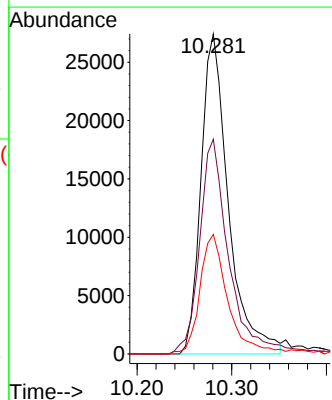
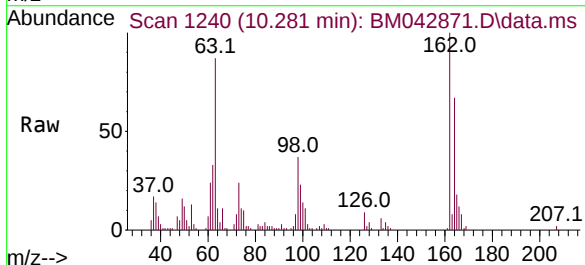
RT: 10.281 min Scan# 1240

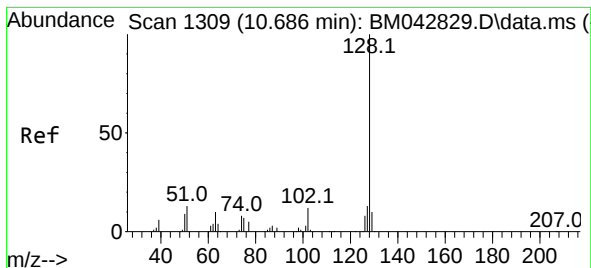
Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Tgt Ion: 162	Resp:	55053
Ion Ratio	Lower	Upper
162	100	
164	67.1	53.4 80.2
98	37.4	28.4 42.6

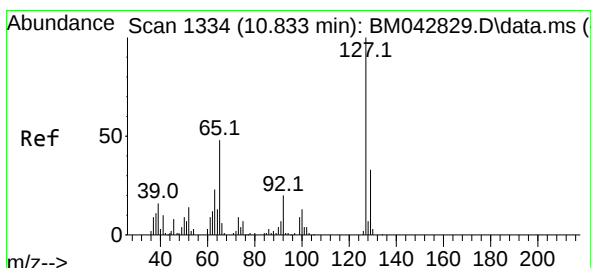
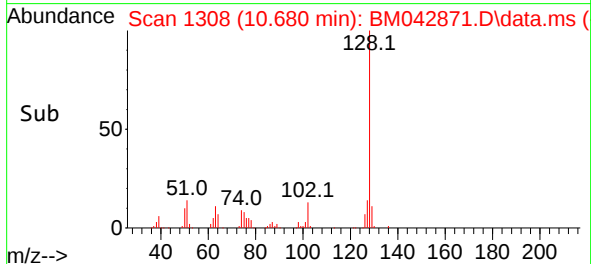
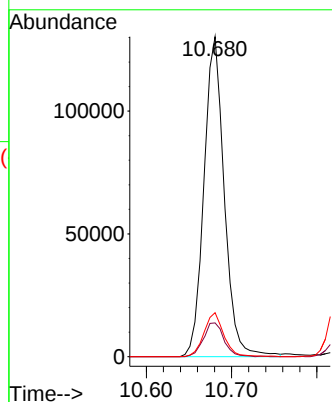
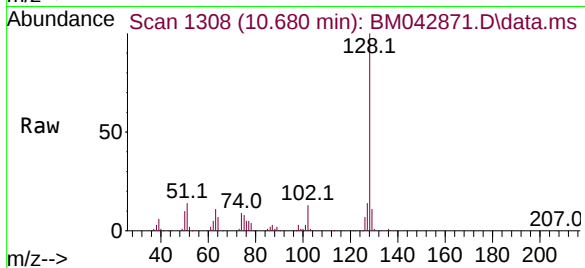




#30
Naphthalene
Concen: 34.766 ng/ul
RT: 10.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

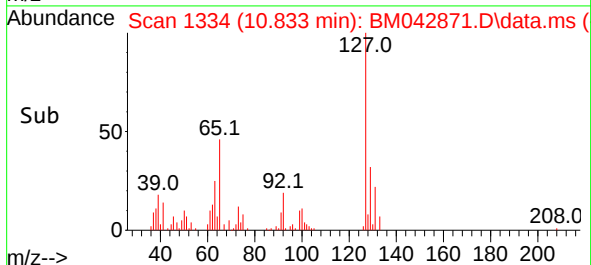
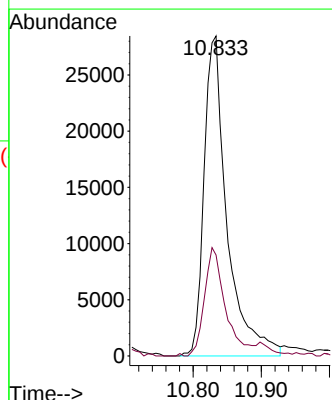
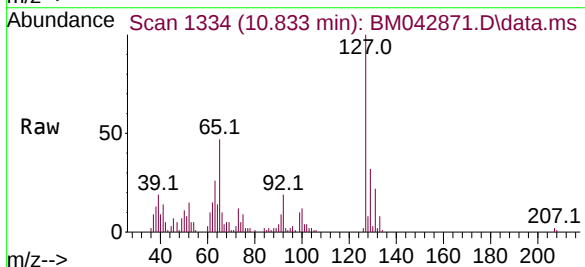
Instrument :
BNA_M
ClientSampleId :

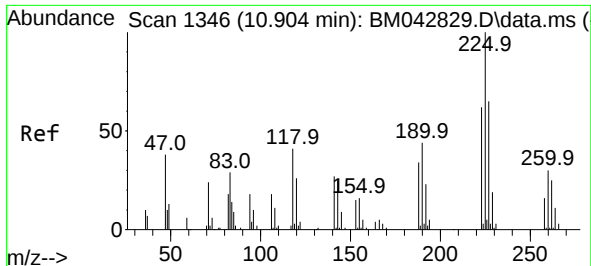
Tgt Ion:128 Resp: 216070
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.7 10.5 15.7



#32
4-Chloroaniline
Concen: 28.918 ng/ul
RT: 10.833 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:127 Resp: 66642
Ion Ratio Lower Upper
127 100
129 31.6 26.7 40.1

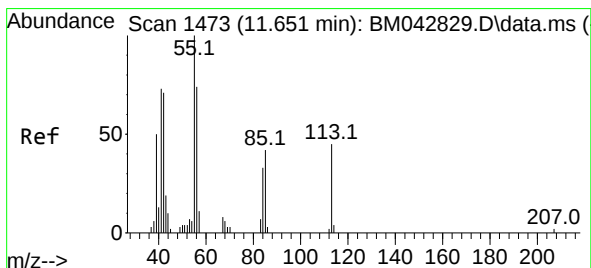
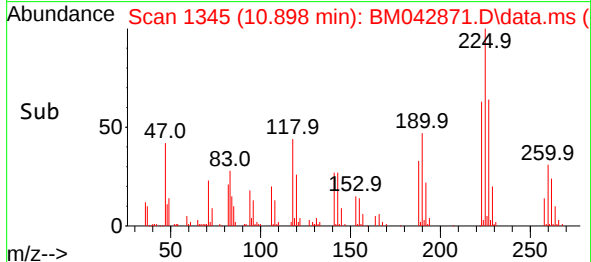
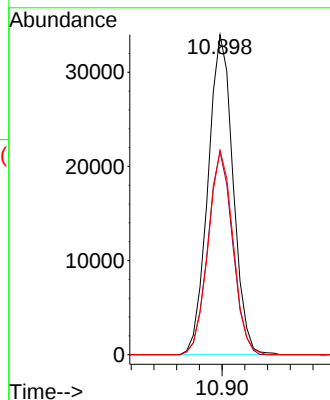
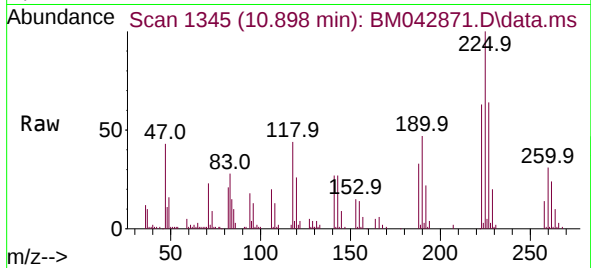




#33
Hexachlorobutadiene
Concen: 32.919 ng/ul
RT: 10.898 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

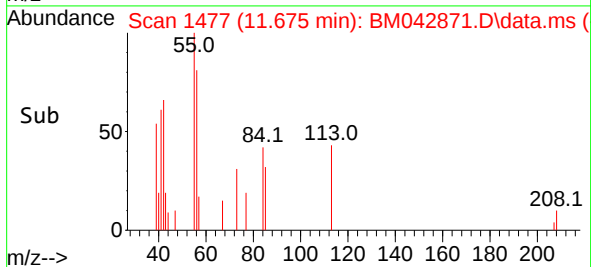
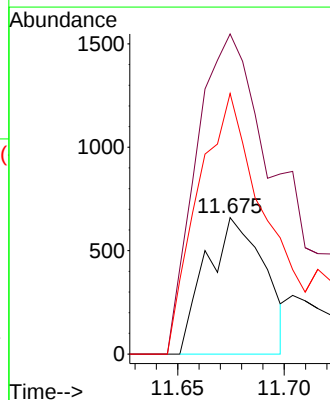
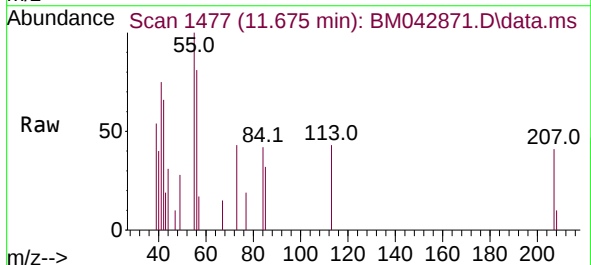
Instrument :
BNA_M
ClientSampleId :

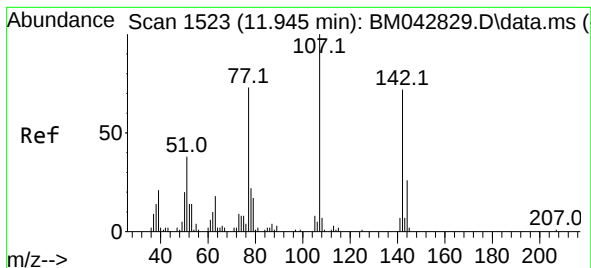
Tgt Ion:225 Resp: 52086
Ion Ratio Lower Upper
225 100
223 63.5 53.0 79.4
227 63.9 50.5 75.7



#34
Caprolactam
Concen: 2.369 ng/ul
RT: 11.675 min Scan# 1477
Delta R.T. 0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:113 Resp: 1258
Ion Ratio Lower Upper
113 100
55 234.5 184.2 276.2
56 190.9 134.3 201.5

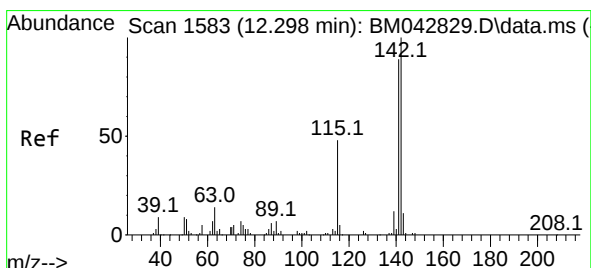
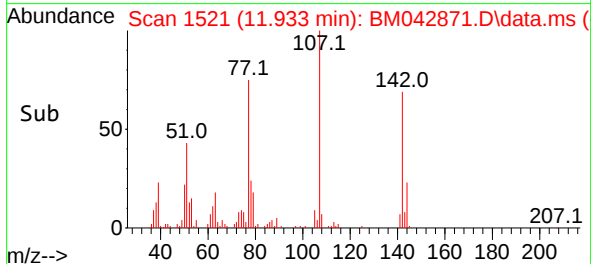
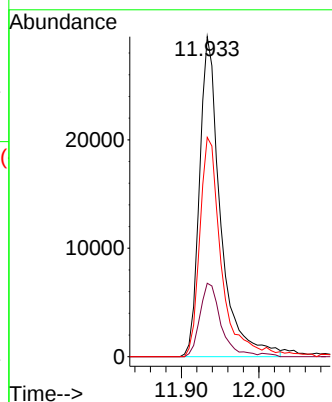
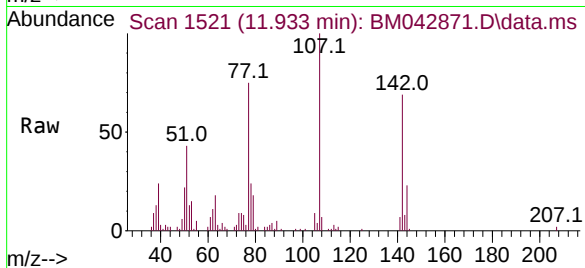




#35
4-Chloro-3-methylphenol
Concen: 28.948 ng/ul
RT: 11.933 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

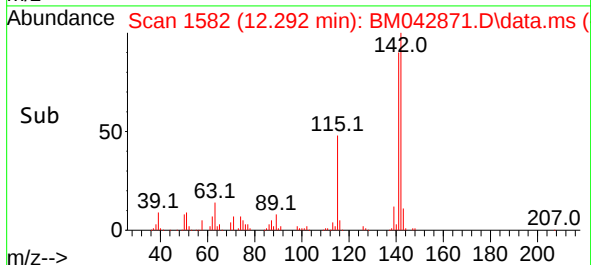
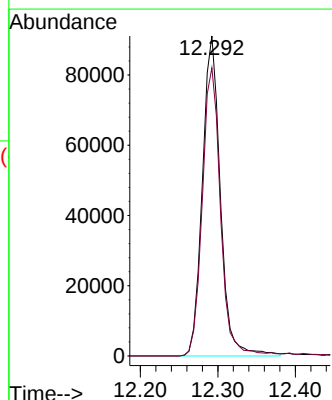
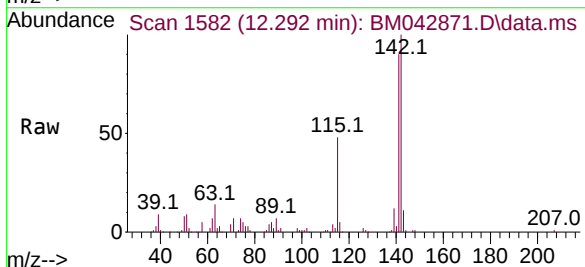
Instrument :
BNA_M
ClientSampleId :

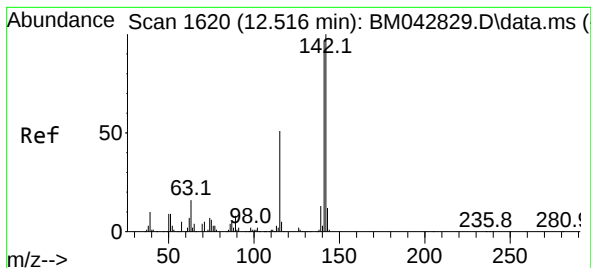
Tgt Ion:107 Resp: 55560
Ion Ratio Lower Upper
107 100
144 23.0 18.3 27.5
142 68.5 56.3 84.5



#36
2-Methylnaphthalene
Concen: 35.297 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:142 Resp: 147025
Ion Ratio Lower Upper
142 100
141 90.0 73.6 110.4





#37

1-Methylnaphthalene

Concen: 34.165 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

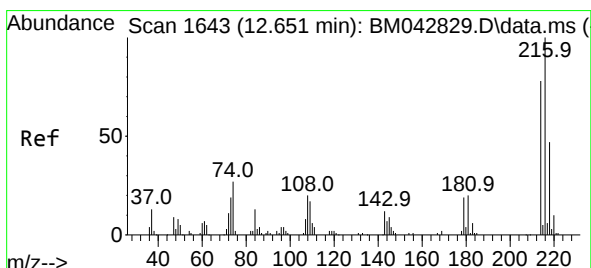
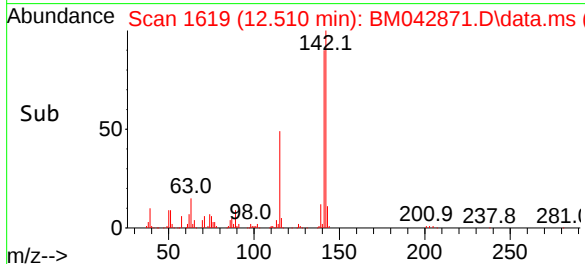
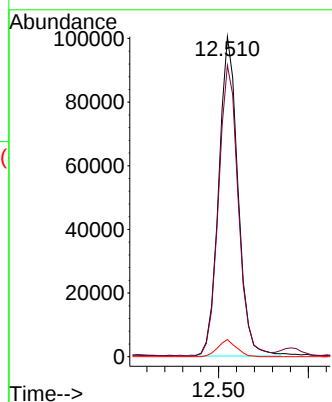
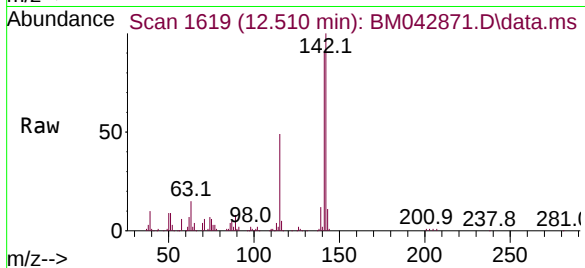
Tgt Ion:142 Resp: 149623

Ion Ratio Lower Upper

142 100

141 91.0 73.3 109.9

116 5.3 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.768 ng/ul

RT: 12.645 min Scan# 1642

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Tgt Ion:216 Resp: 95107

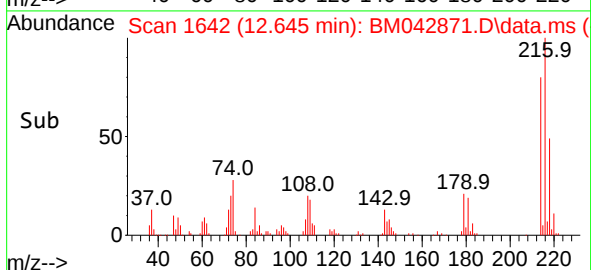
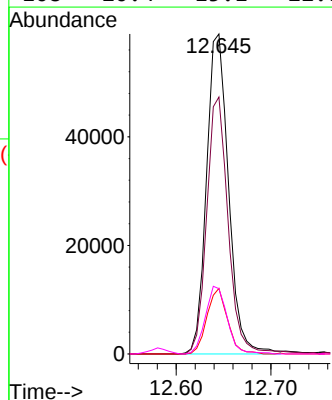
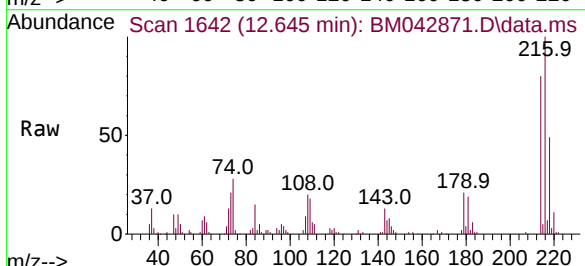
Ion Ratio Lower Upper

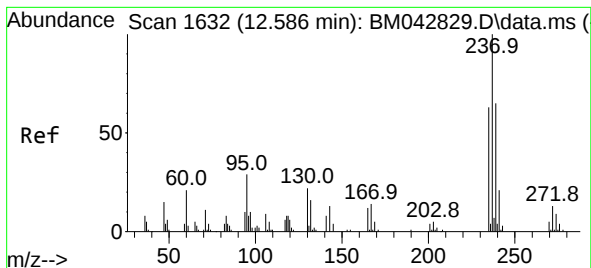
216 100

214 80.3 64.1 96.1

179 20.5 15.5 23.3

108 20.4 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 20.274 ng/ul

RT: 12.580 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM042871.D

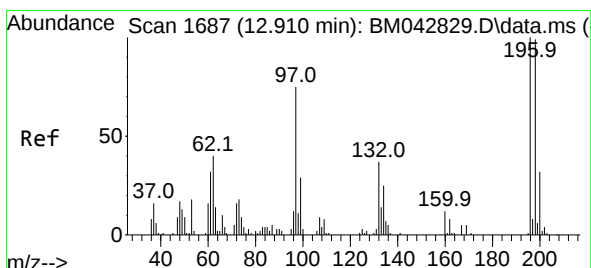
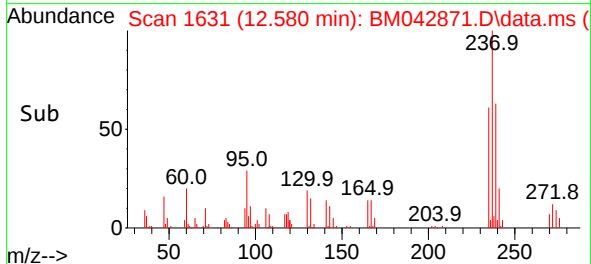
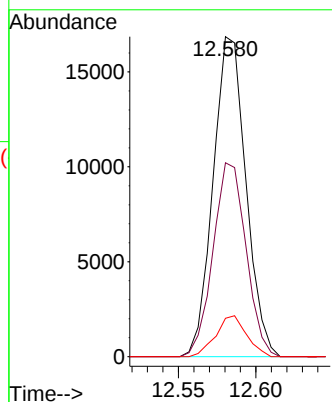
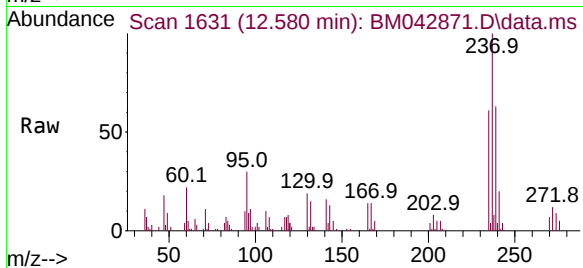
Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:237	Resp:	24828
Ion Ratio	Lower	Upper
237	100	
235	60.6	53.3 79.9
272	12.0	10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 34.618 ng/ul

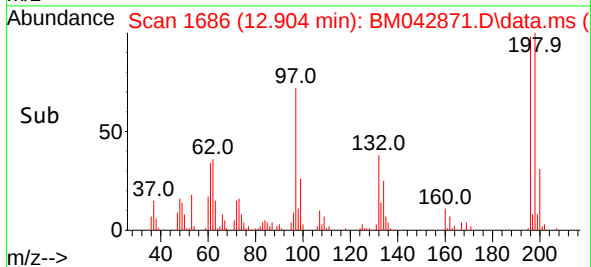
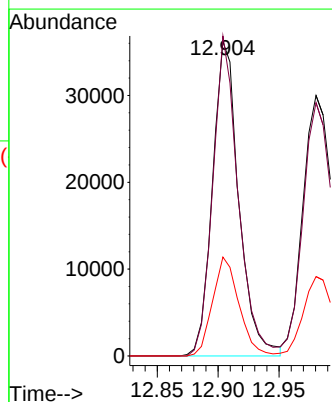
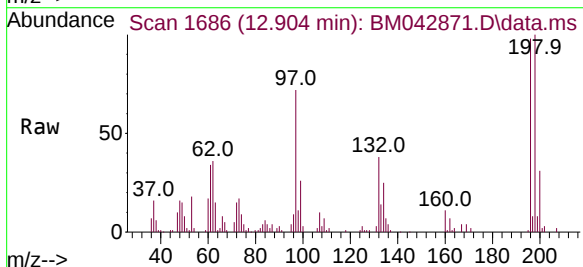
RT: 12.904 min Scan# 1686

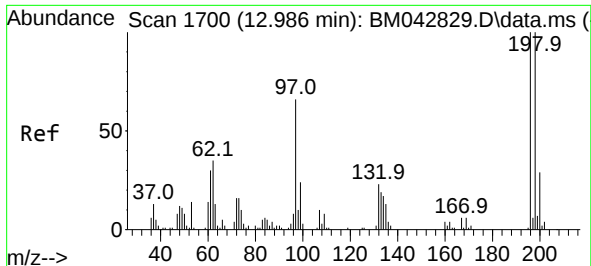
Delta R.T. -0.018 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Tgt Ion:196	Resp:	54696
Ion Ratio	Lower	Upper
196	100	
198	101.8	81.0 121.4
200	31.5	24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 35.125 ng/ul

RT: 12.980 min Scan# 1

Delta R.T. -0.018 min

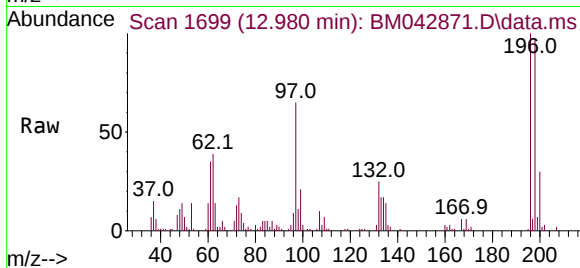
Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :



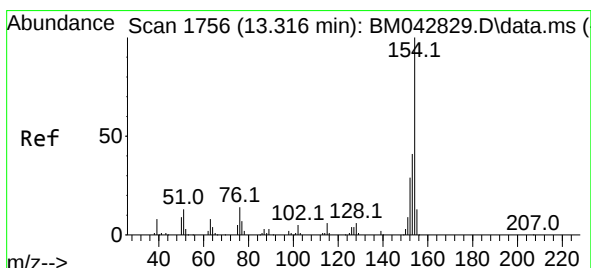
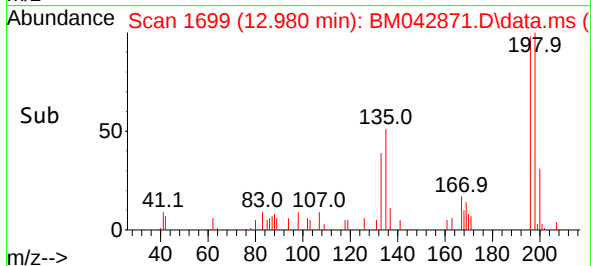
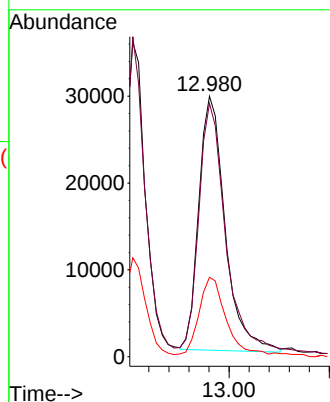
Tgt Ion:196 Resp: 53588

Ion Ratio Lower Upper

196 100

198 97.2 77.4 116.0

200 30.5 26.2 39.4



#43

1,1'-Biphenyl

Concen: 38.175 ng/ul

RT: 13.304 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

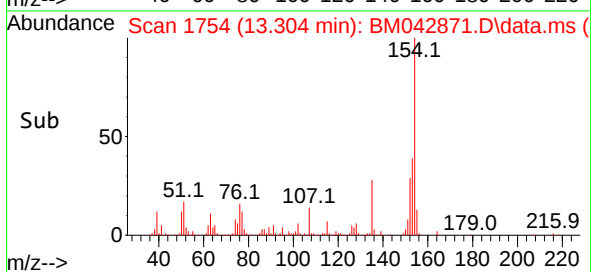
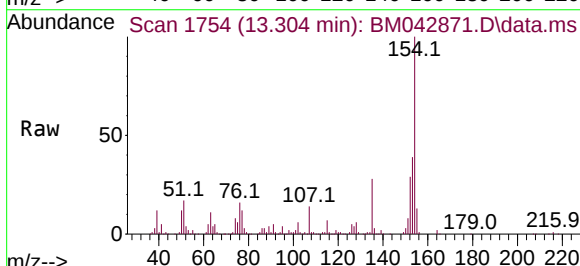
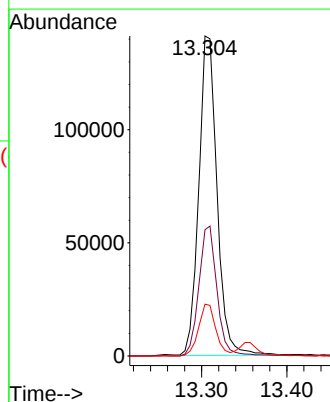
Tgt Ion:154 Resp: 209979

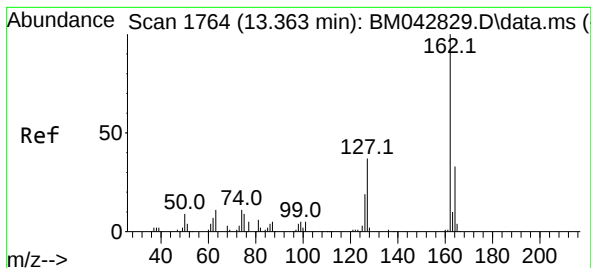
Ion Ratio Lower Upper

154 100

153 39.4 32.4 48.6

76 16.2 10.7 16.1#





#44

2-Chloronaphthalene

Concen: 37.020 ng/ul

RT: 13.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

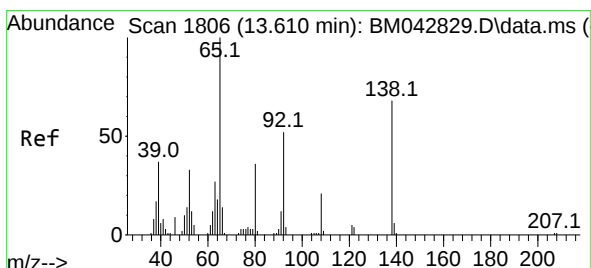
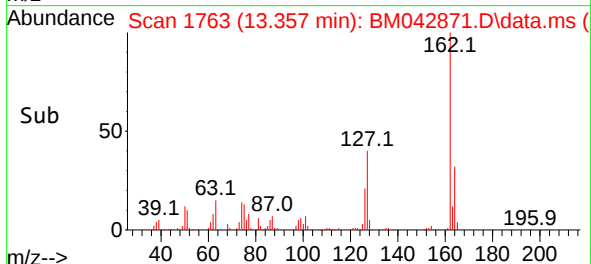
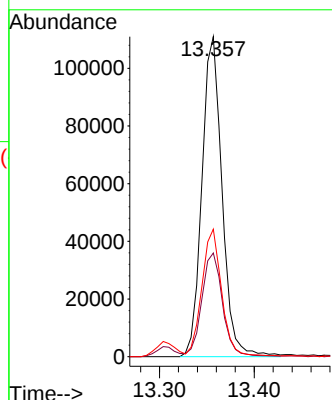
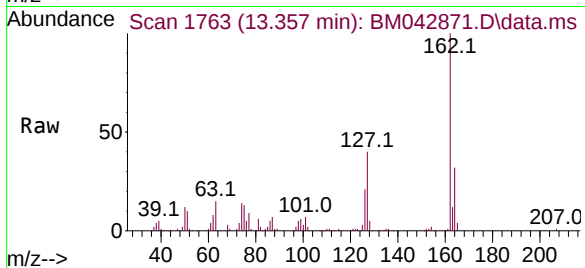
Tgt Ion:162 Resp: 163810

Ion Ratio Lower Upper

162 100

164 32.4 24.2 36.2

127 39.9 30.8 46.2



#45

2-Nitroaniline

Concen: 43.597 ng/ul

RT: 13.604 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

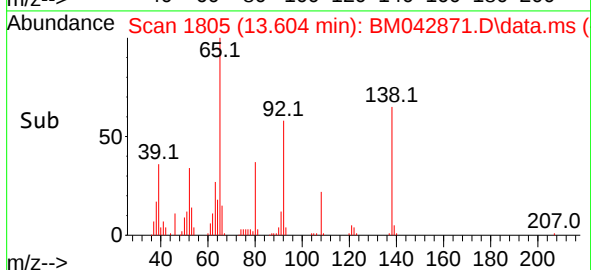
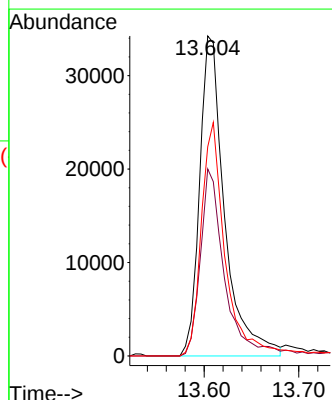
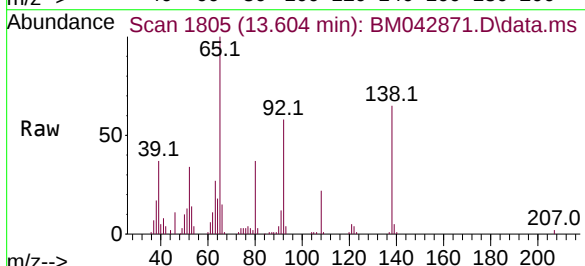
Tgt Ion: 65 Resp: 62915

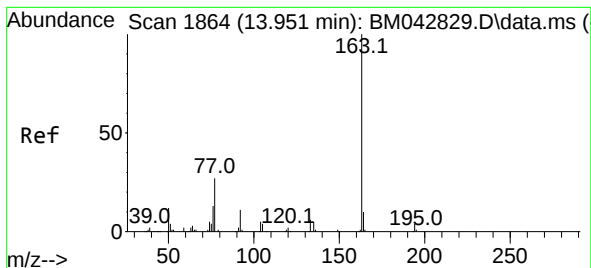
Ion Ratio Lower Upper

65 100

92 58.4 49.1 73.7

138 65.4 61.8 92.8





#47

Dimethylphthalate

Concen: 36.293 ng/ul

RT: 13.945 min Scan# 1863

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

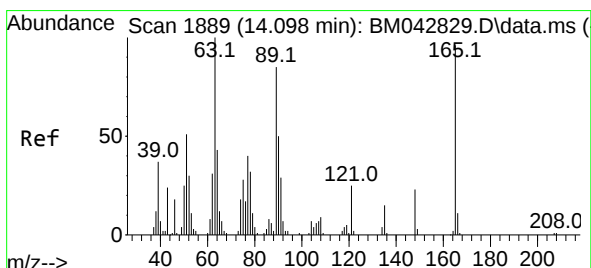
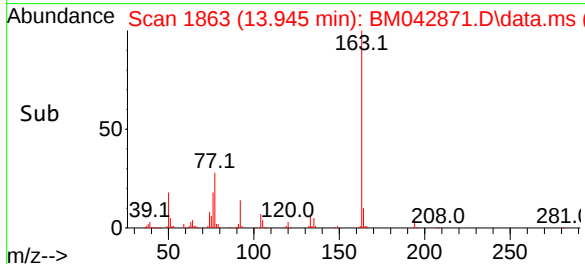
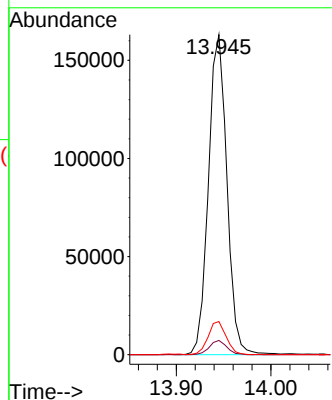
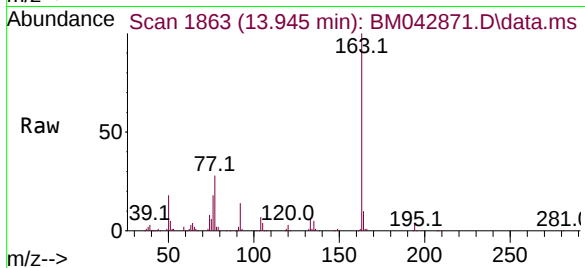
Tgt Ion:163 Resp: 220655

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.4 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 36.927 ng/ul

RT: 14.098 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

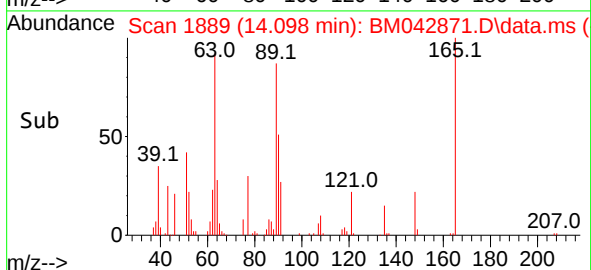
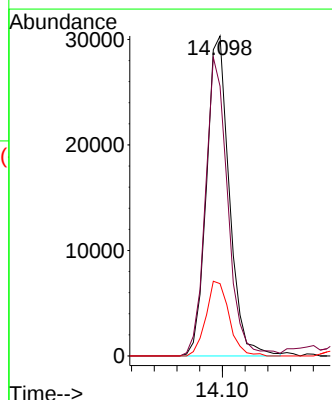
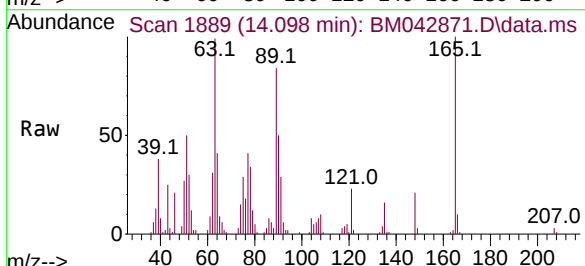
Tgt Ion:165 Resp: 42179

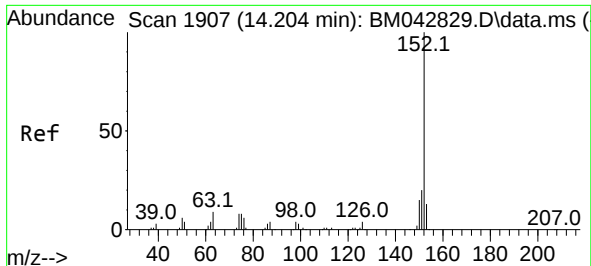
Ion Ratio Lower Upper

165 100

89 84.3 64.1 96.1

121 22.6 18.4 27.6

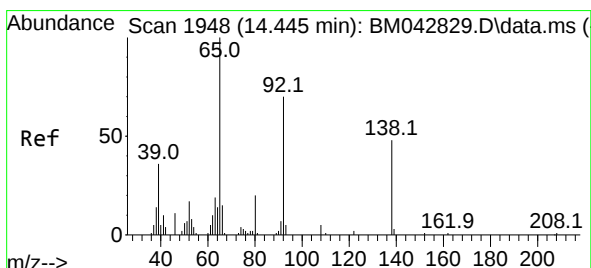
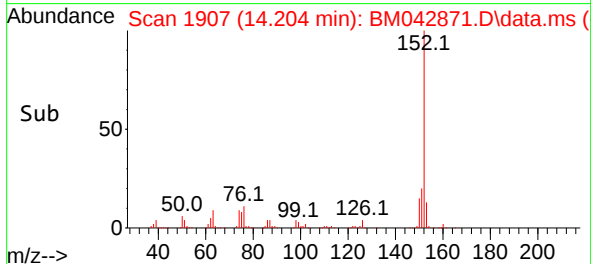
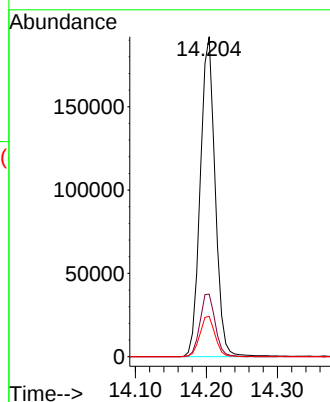
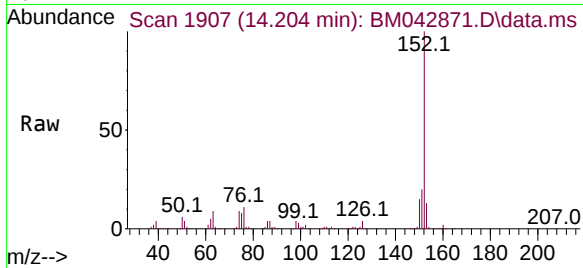




#50
Acenaphthylene
Concen: 37.466 ng/ul
RT: 14.204 min Scan# 1907
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

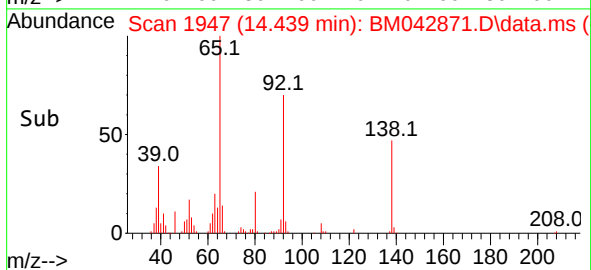
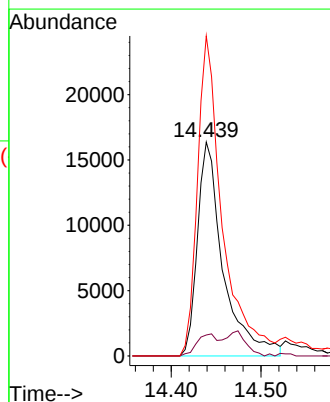
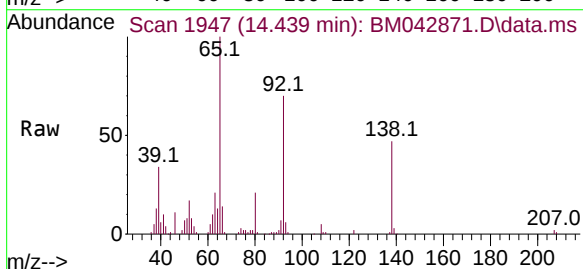
Instrument :
BNA_M
ClientSampleId :

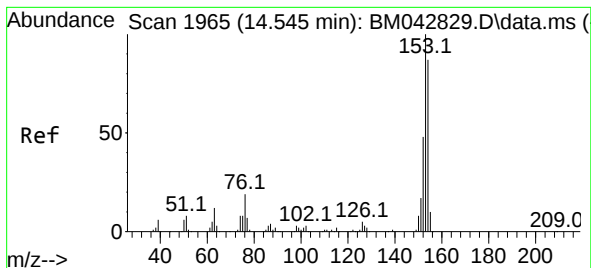
Tgt Ion:152 Resp: 280383
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 12.6 10.5 15.7



#51
3-Nitroaniline
Concen: 34.902 ng/ul
RT: 14.439 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:138 Resp: 32599
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 149.6 109.4 164.0





#52

Acenaphthene

Concen: 37.748 ng/ul

RT: 14.539 min Scan# 1964

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

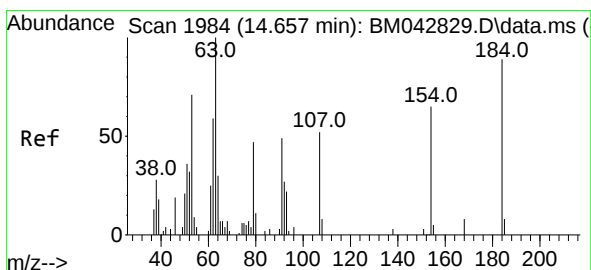
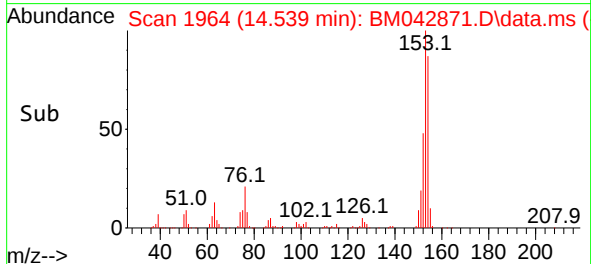
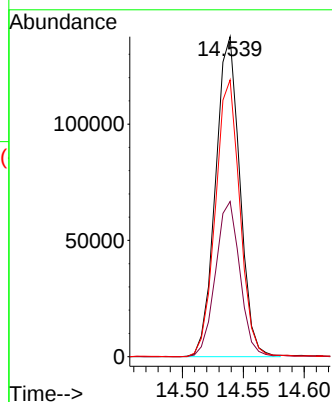
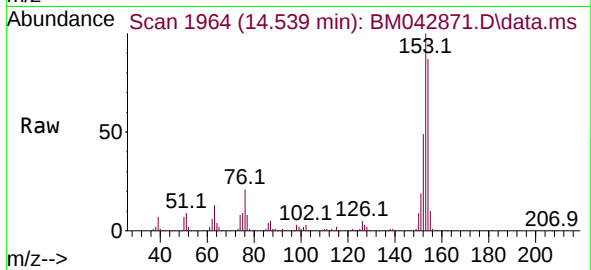
Tgt Ion:153 Resp: 191052

Ion Ratio Lower Upper

153 100

152 48.5 38.2 57.2

154 86.5 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 26.552 ng/ul

RT: 14.651 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

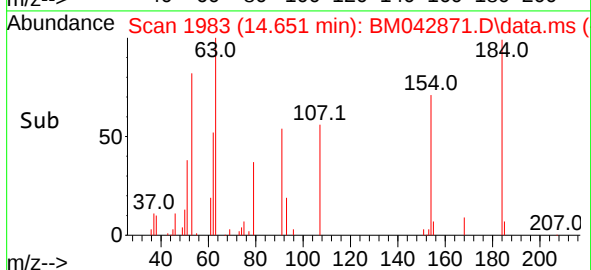
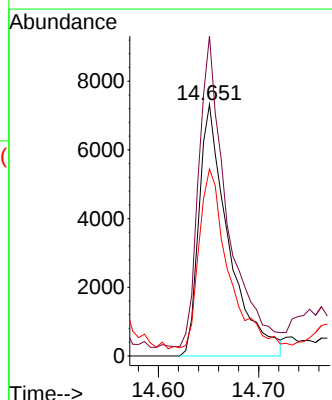
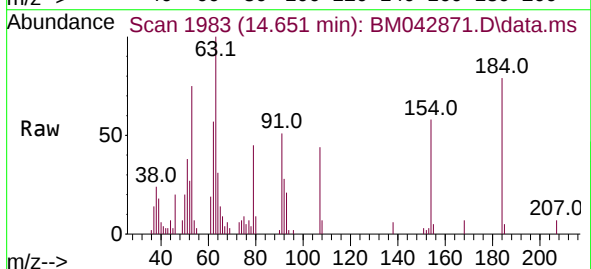
Tgt Ion:184 Resp: 15080

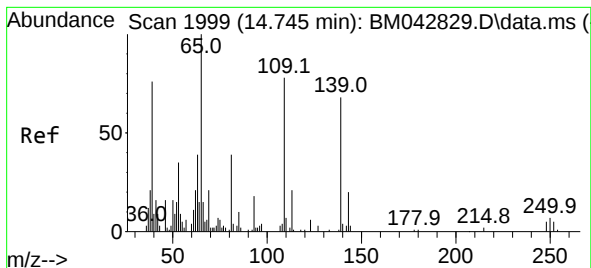
Ion Ratio Lower Upper

184 100

63 127.3 79.1 118.7#

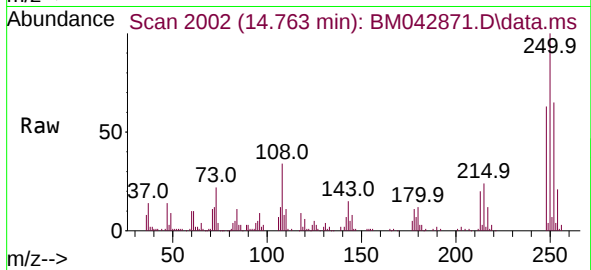
154 74.3 65.7 98.5



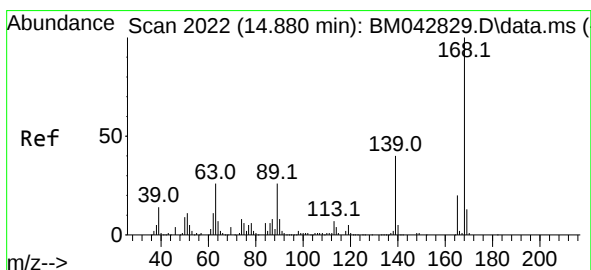
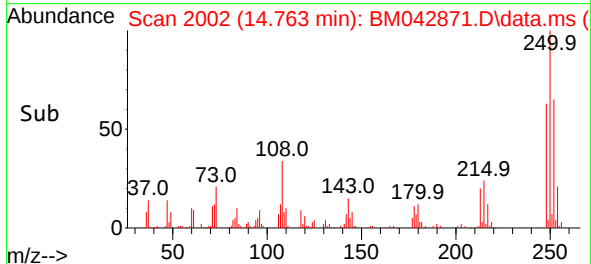
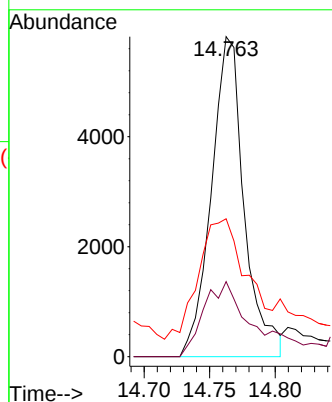


#55
4-Nitrophenol
Concen: 9.138 ng/ul
RT: 14.763 min Scan# 20
Delta R.T. 0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Instrument :
BNA_M
ClientSampleId :

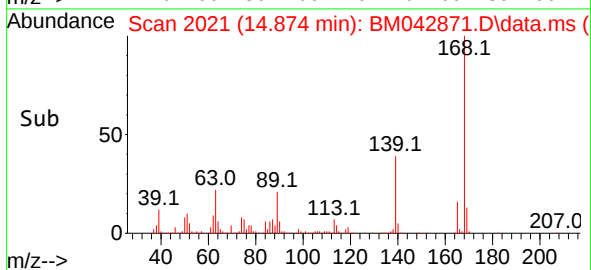
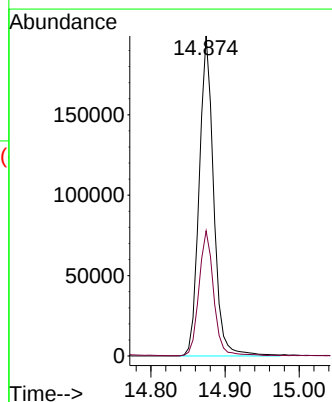
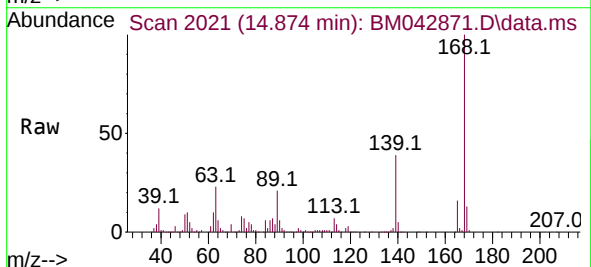


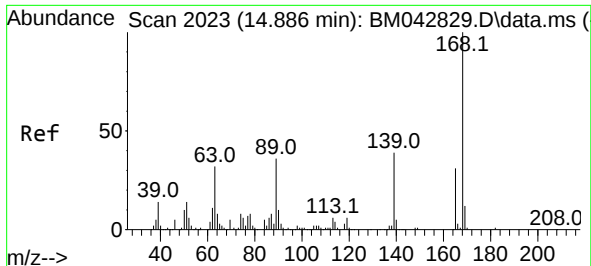
Tgt Ion:109 Resp: 10141
Ion Ratio Lower Upper
109 100
139 23.5 67.1 100.7#
65 43.1 107.1 160.7#



#56
Dibenzofuran
Concen: 38.506 ng/ul
RT: 14.874 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:168 Resp: 270499
Ion Ratio Lower Upper
168 100
139 39.1 30.8 46.2





#57

2,4-Dinitrotoluene

Concen: 38.458 ng/ul

RT: 14.880 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

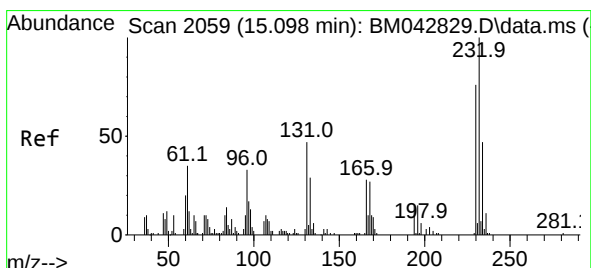
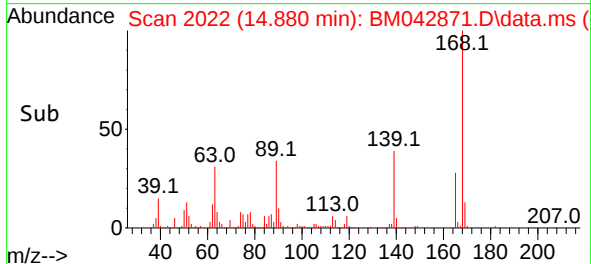
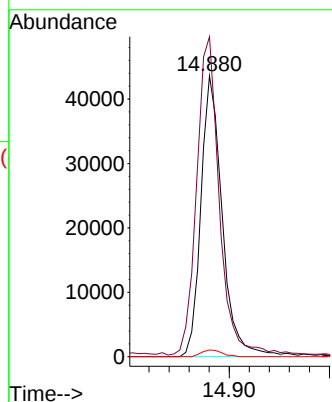
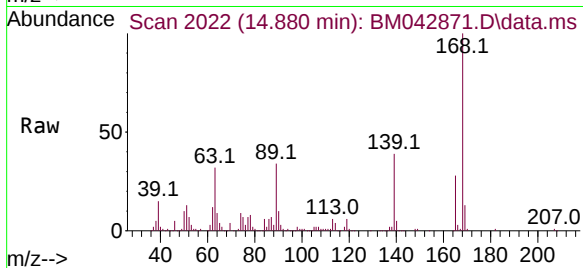
Tgt Ion:165 Resp: 64491

Ion Ratio Lower Upper

165 100

63 113.9 83.5 125.3

182 2.4 2.4 3.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.262 ng/ul

RT: 15.092 min Scan# 2058

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Tgt Ion:232 Resp: 57428

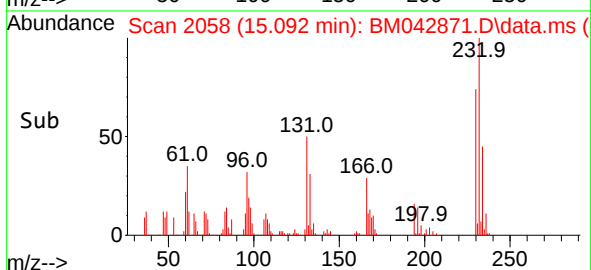
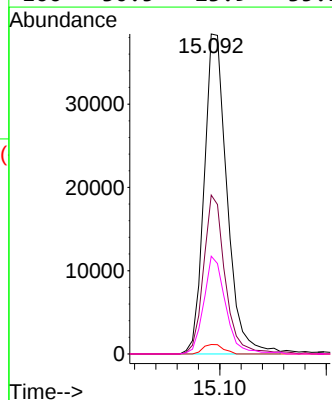
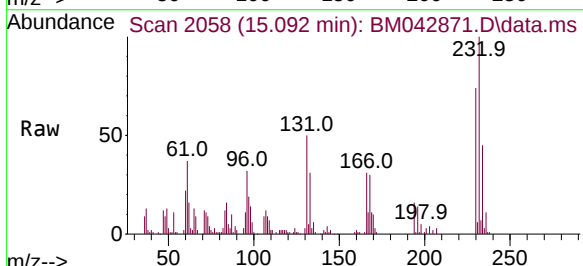
Ion Ratio Lower Upper

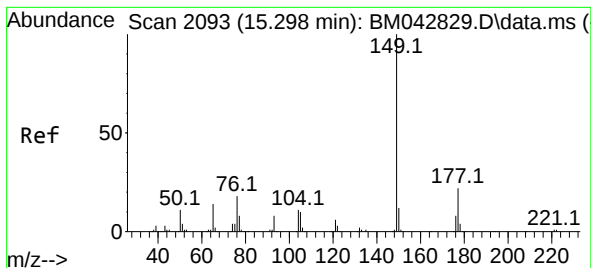
232 100

131 49.7 38.9 58.3

130 2.9 1.9 2.9#

166 30.5 23.9 35.9





#59

Diethylphthalate

Concen: 36.415 ng/ul

RT: 15.292 min Scan# 2093

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

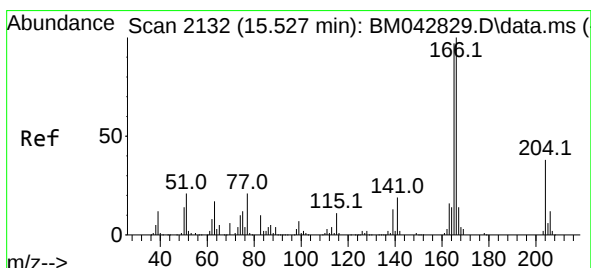
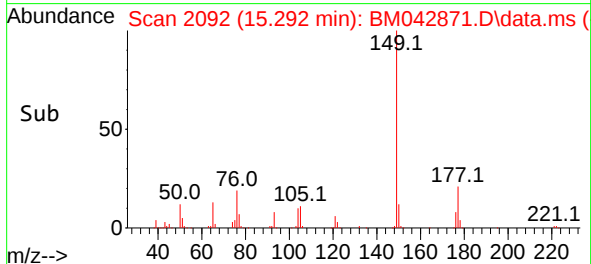
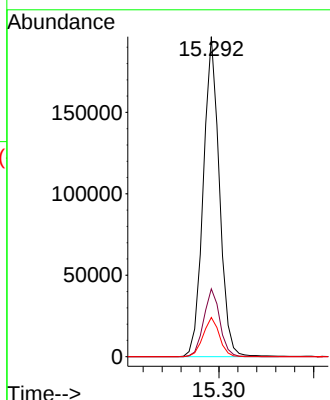
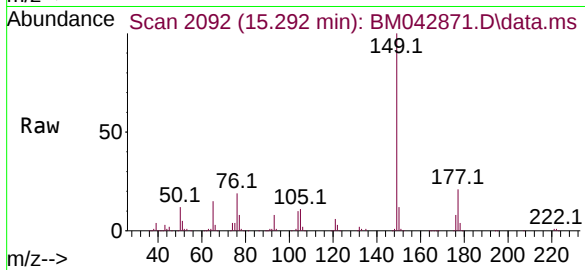
Tgt Ion:149 Resp: 232161

Ion Ratio Lower Upper

149 100

177 21.2 17.0 25.6

150 12.3 9.7 14.5



#61

Fluorene

Concen: 39.911 ng/ul

RT: 15.521 min Scan# 2131

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

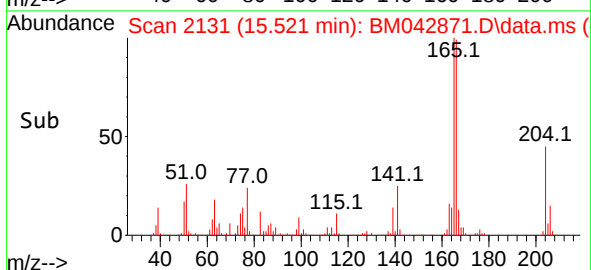
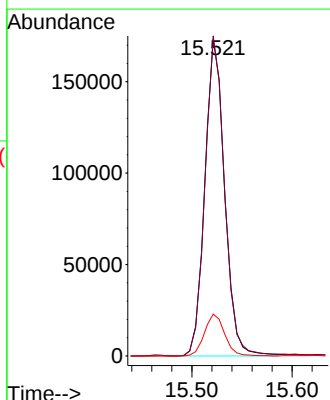
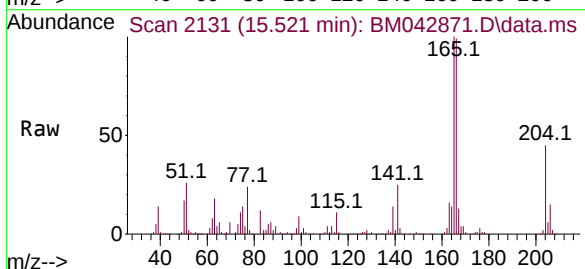
Tgt Ion:166 Resp: 238037

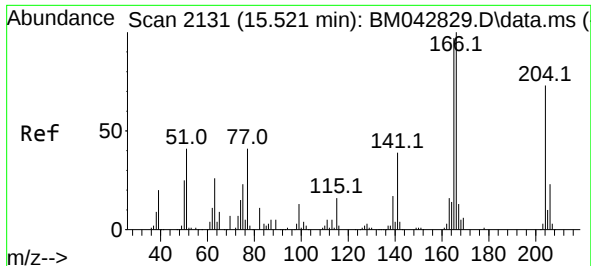
Ion Ratio Lower Upper

166 100

165 101.0 79.3 118.9

167 13.2 10.6 15.8

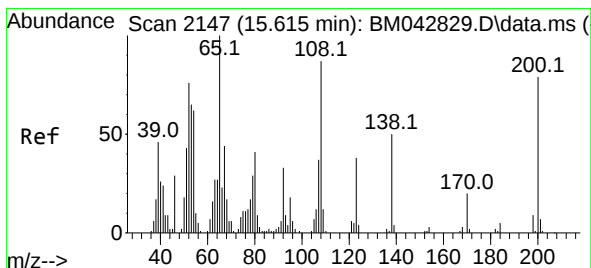
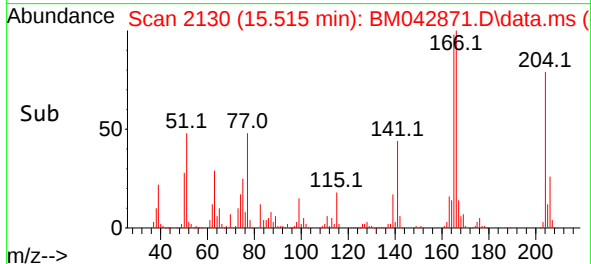
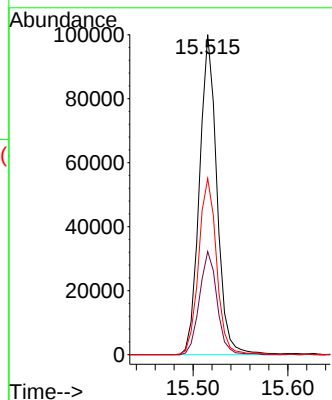
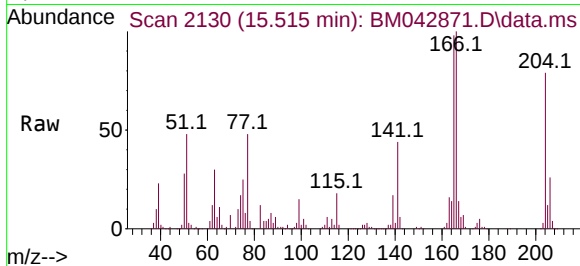




#62
4-Chlorophenyl-phenylether
Concen: 39.850 ng/ul
RT: 15.515 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

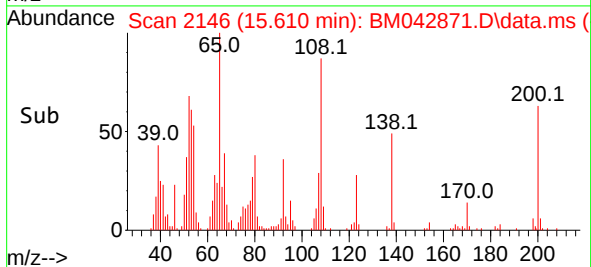
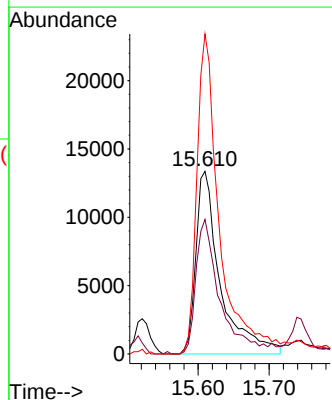
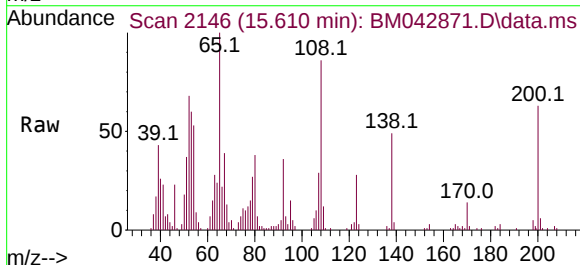
Instrument :
BNA_M
ClientSampleId :

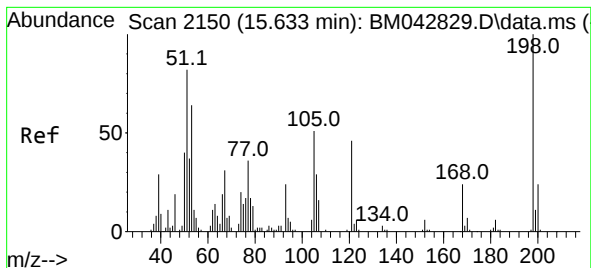
Tgt Ion:204 Resp: 128090
Ion Ratio Lower Upper
204 100
206 32.3 27.0 40.4
141 55.1 46.0 69.0



#63
4-Nitroaniline
Concen: 37.616 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:138 Resp: 32031
Ion Ratio Lower Upper
138 100
92 73.7 47.4 71.0#
108 175.3 129.5 194.3

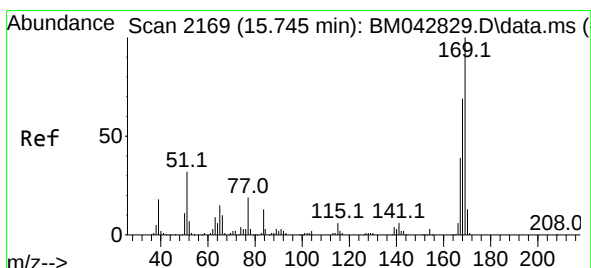
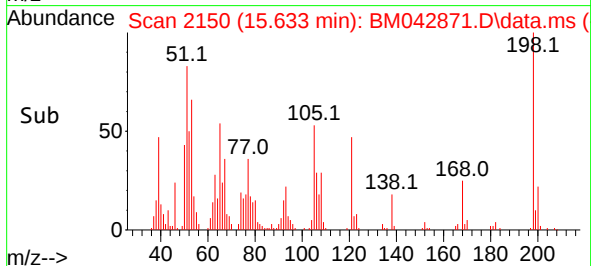
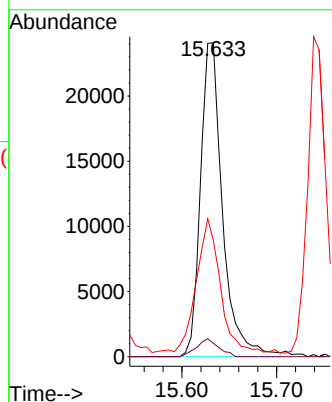
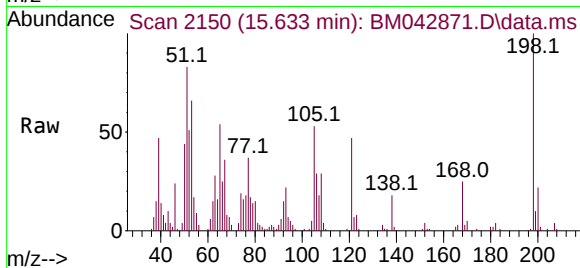




#66
 4,6-Dinitro-2-methylphenol
 Concen: 33.641 ng/ul
 RT: 15.633 min Scan# 2150
 Delta R.T. -0.006 min
 Lab File: BM042871.D
 Acq: 18 Nov 2023 08:14

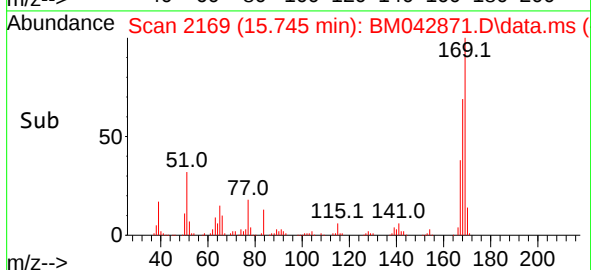
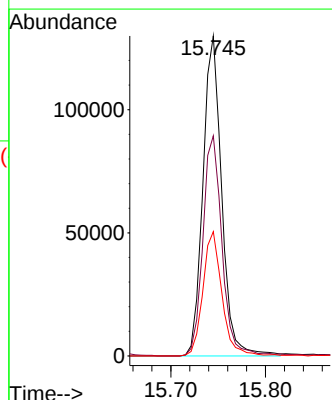
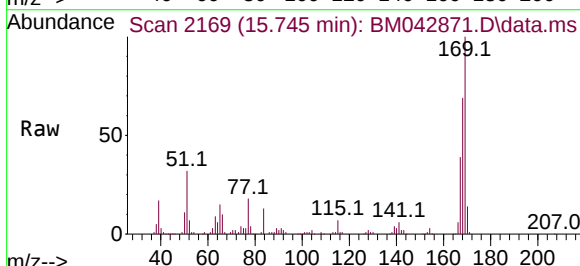
Instrument :
 BNA_M
 ClientSampleId :

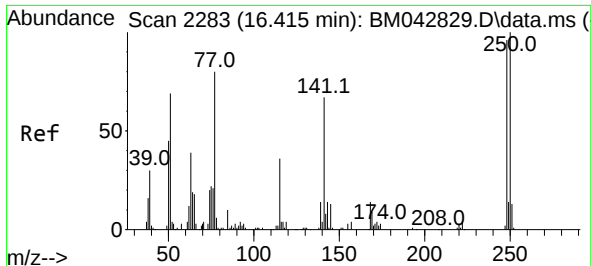
Tgt Ion:198 Resp: 38989
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.4 5.0
 77 37.0 26.9 40.3



#67
 N-Nitrosodiphenylamine
 Concen: 37.945 ng/ul
 RT: 15.745 min Scan# 2169
 Delta R.T. -0.012 min
 Lab File: BM042871.D
 Acq: 18 Nov 2023 08:14

Tgt Ion:169 Resp: 178862
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.8 83.6
 167 38.9 31.4 47.2

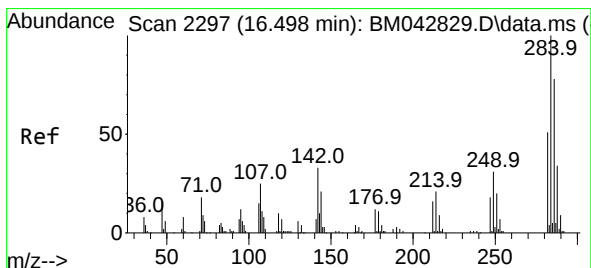
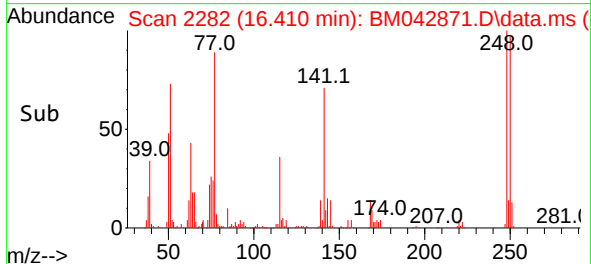
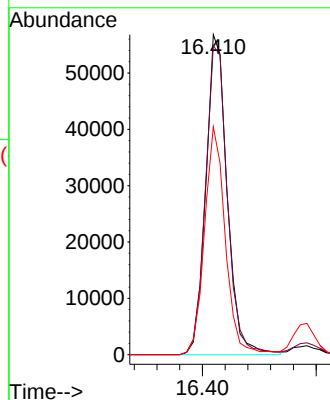
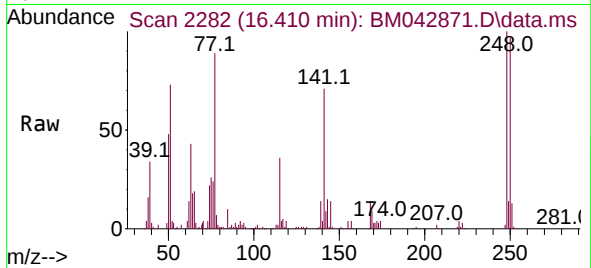




#68
4-Bromophenyl-phenylether
Concen: 37.013 ng/ul
RT: 16.410 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

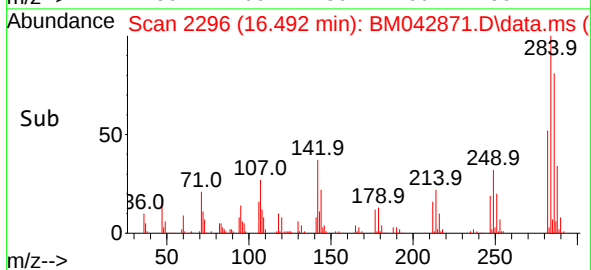
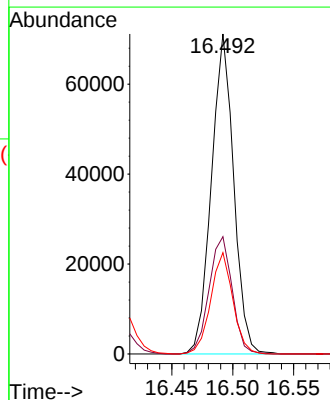
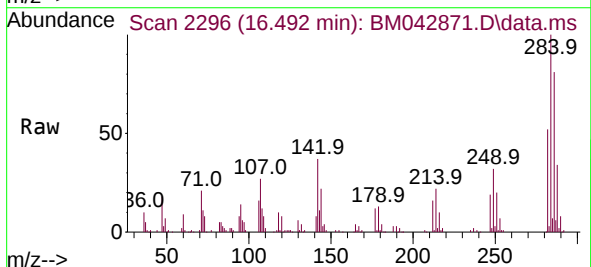
Instrument :
BNA_M
ClientSampleId :

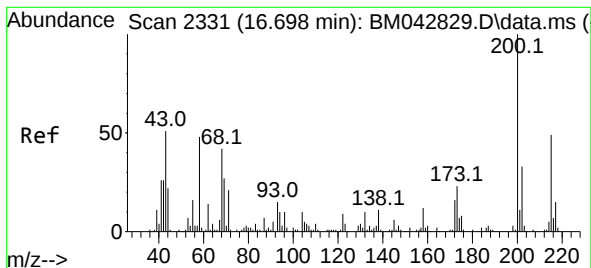
Tgt Ion:248 Resp: 74045
Ion Ratio Lower Upper
248 100
250 96.5 84.3 126.5
141 71.2 60.1 90.1



#69
Hexachlorobenzene
Concen: 37.076 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:284 Resp: 90671
Ion Ratio Lower Upper
284 100
142 36.7 30.5 45.7
249 31.7 25.3 37.9





#70

Atrazine

Concen: 35.384 ng/ul

RT: 16.692 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

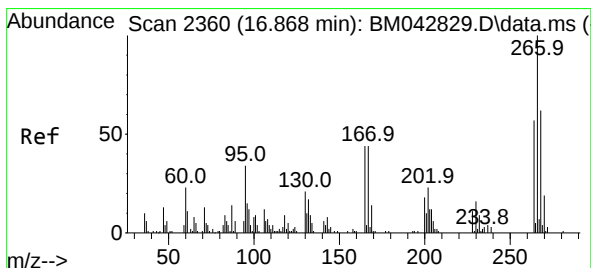
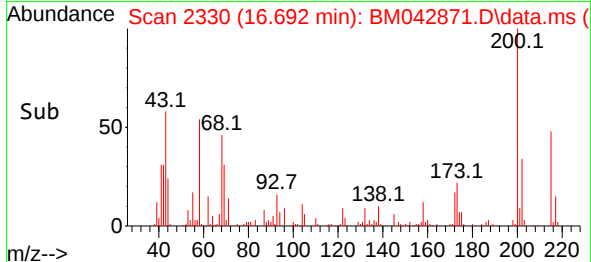
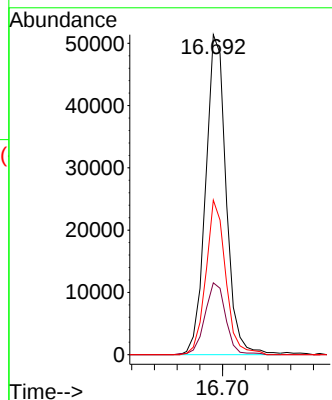
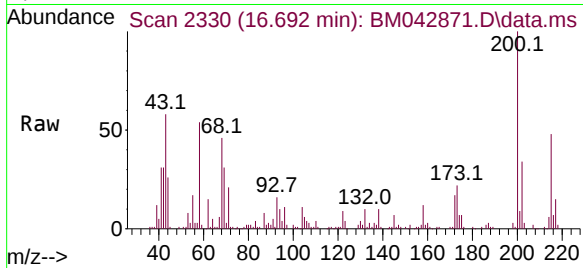
Tgt Ion:200 Resp: 64245

Ion Ratio Lower Upper

200 100

173 22.4 19.8 29.6

215 48.3 38.2 57.2



#71

Pentachlorophenol

Concen: 31.644 ng/ul

RT: 16.862 min Scan# 2359

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

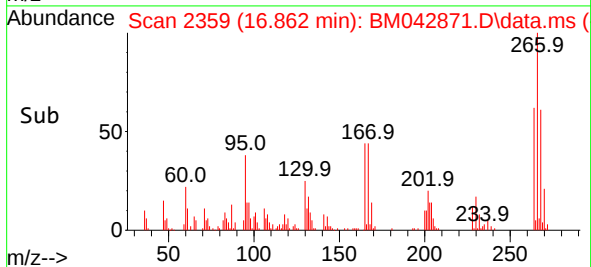
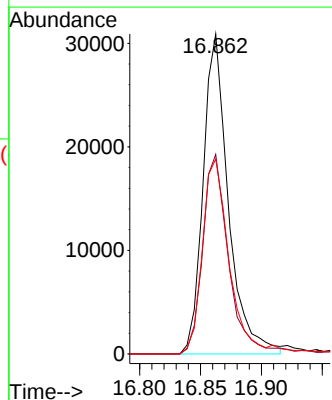
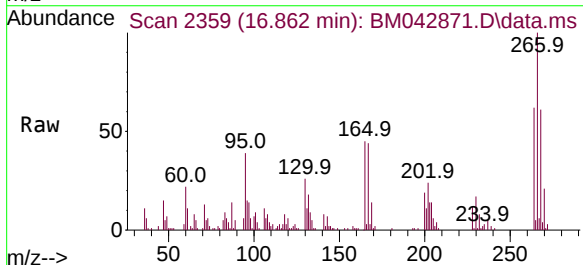
Tgt Ion:266 Resp: 44563

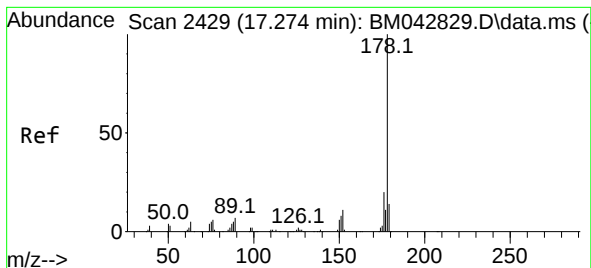
Ion Ratio Lower Upper

266 100

264 62.3 50.3 75.5

268 60.9 52.1 78.1





#72

Phenanthrene

Concen: 39.877 ng/u1

RT: 17.268 min Scan# 2429

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

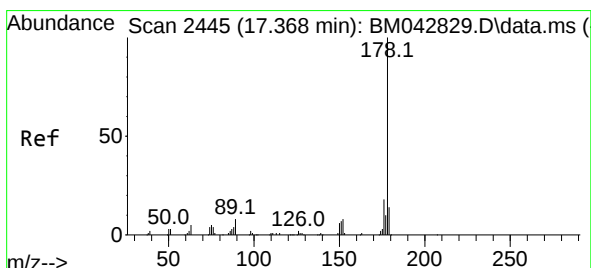
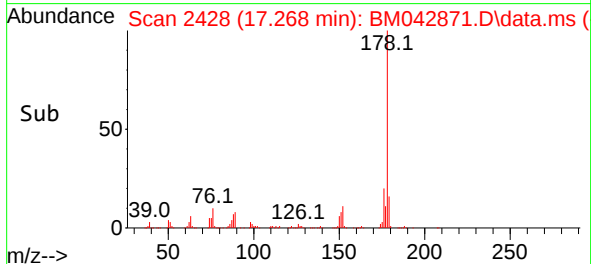
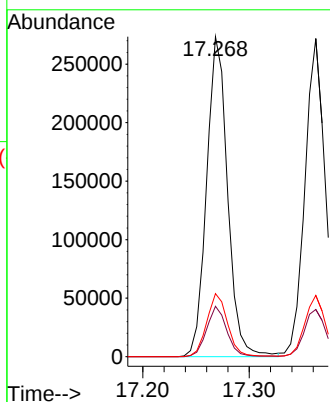
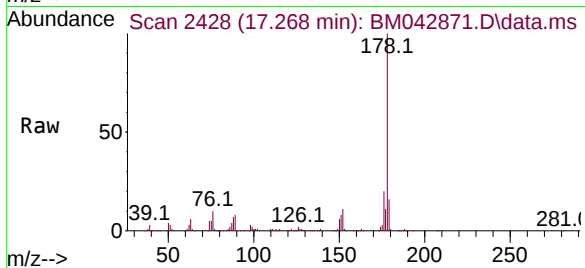
Tgt Ion:178 Resp: 374408

Ion Ratio Lower Upper

178 100

179 15.8 11.4 17.2

176 19.7 15.5 23.3



#74

Anthracene

Concen: 39.962 ng/u1

RT: 17.362 min Scan# 2444

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

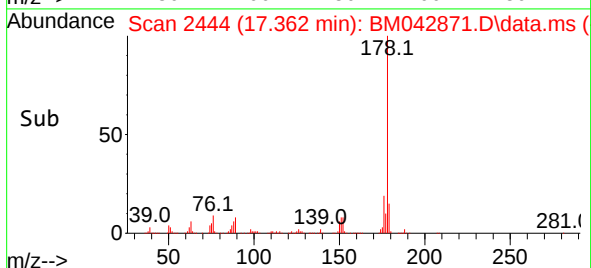
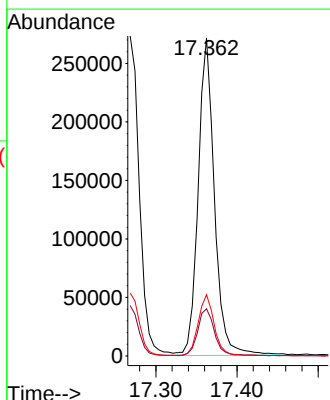
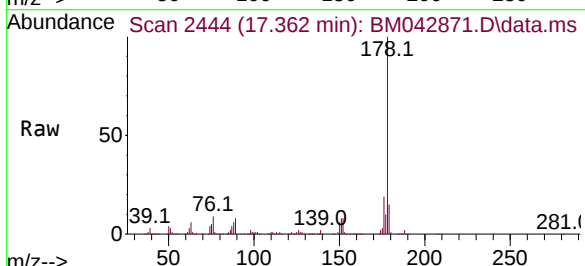
Tgt Ion:178 Resp: 377402

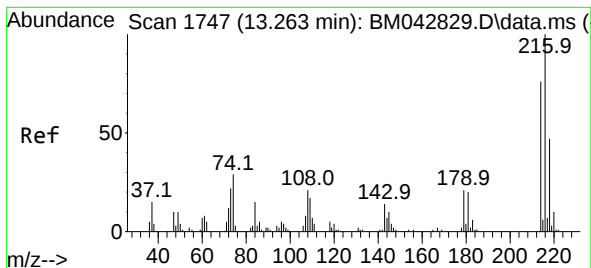
Ion Ratio Lower Upper

178 100

179 14.8 12.0 18.0

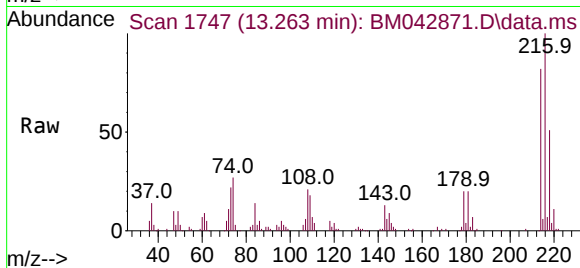
176 19.3 15.7 23.5



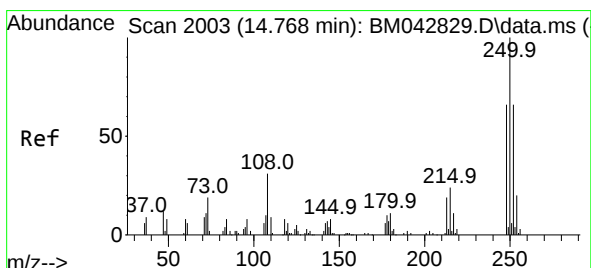
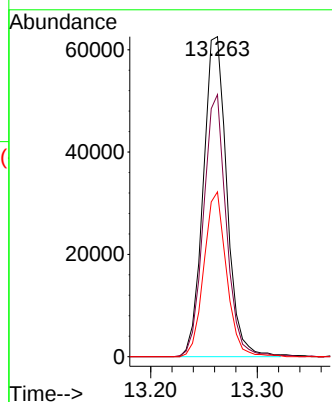
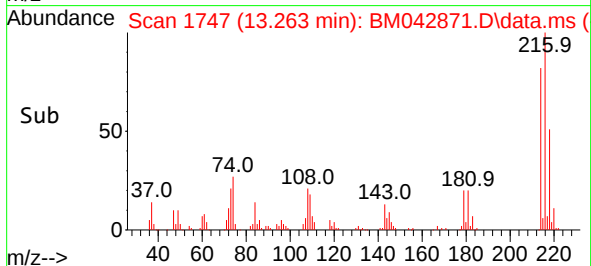


#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.355 ng/uL
RT: 13.263 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

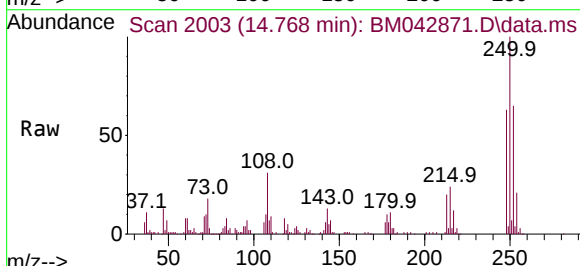
Instrument :
BNA_M
ClientSampleId :



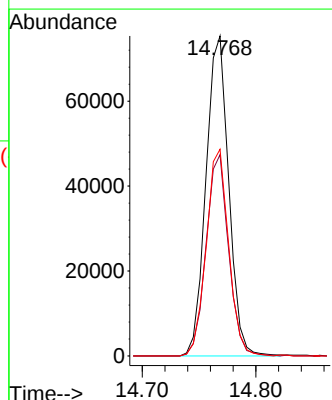
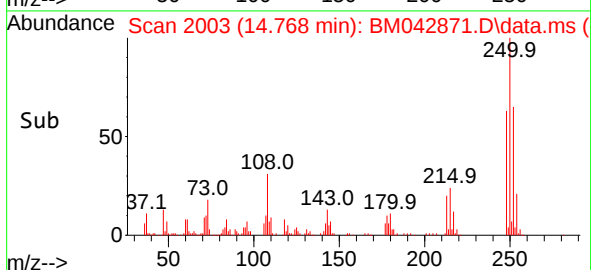
Tgt Ion:216 Resp: 96614
Ion Ratio Lower Upper
216 100
214 81.9 62.6 94.0
218 51.5 39.3 58.9

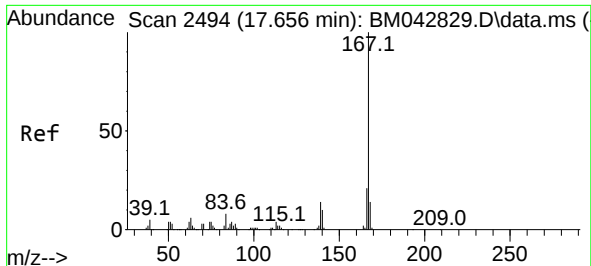


#76
Pentachlorobenzene
Concen: 37.560 ng/uL
RT: 14.768 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14



Tgt Ion:250 Resp: 104733
Ion Ratio Lower Upper
250 100
248 62.9 51.0 76.6
252 64.6 51.8 77.8

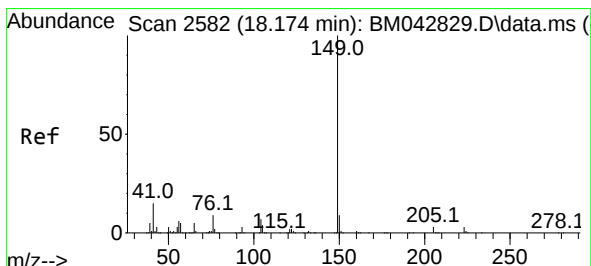
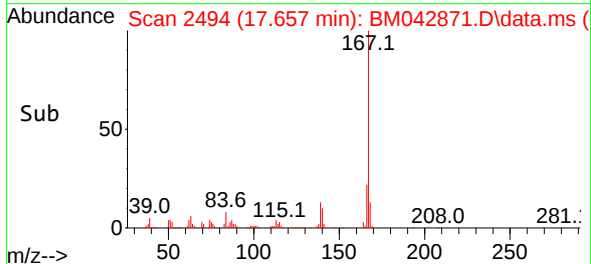
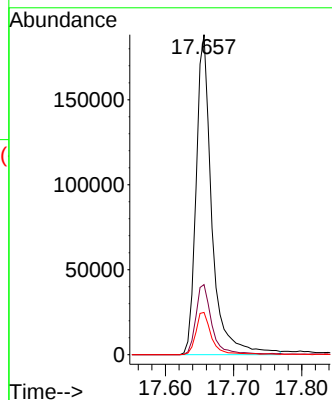
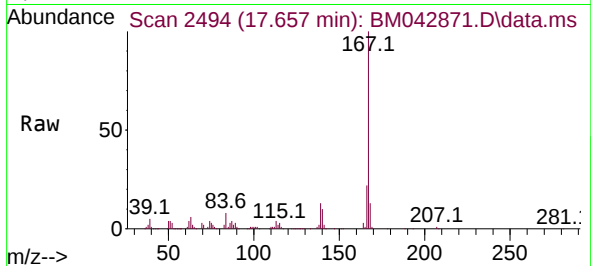




#77
 Carbazole
 Concen: 38.723 ng/ul
 RT: 17.657 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BM042871.D
 Acq: 18 Nov 2023 08:14

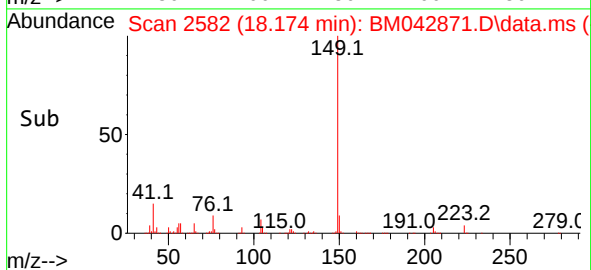
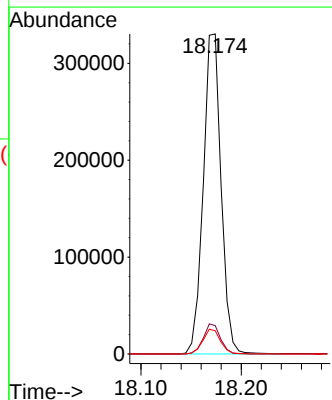
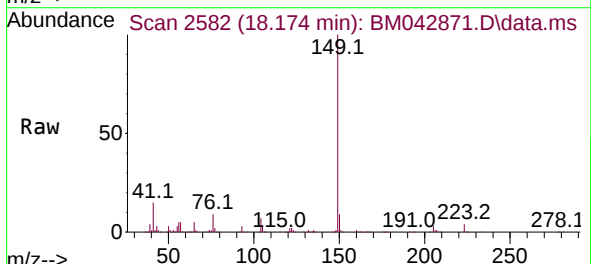
Instrument :
 BNA_M
 ClientSampleId :

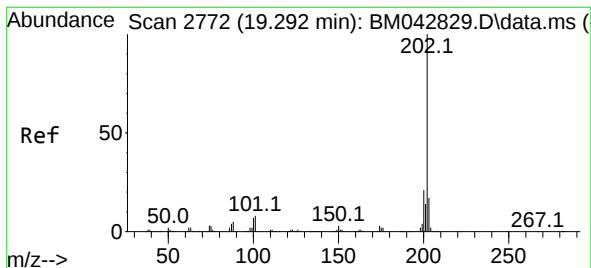
Tgt Ion:167 Resp: 301964
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.2 10.8 16.2



#78
 Di-n-butylphthalate
 Concen: 35.852 ng/ul
 RT: 18.174 min Scan# 2582
 Delta R.T. -0.006 min
 Lab File: BM042871.D
 Acq: 18 Nov 2023 08:14

Tgt Ion:149 Resp: 408821
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 7.3 5.3 7.9





#80

Fluoranthene

Concen: 36.286 ng/u1

RT: 19.286 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

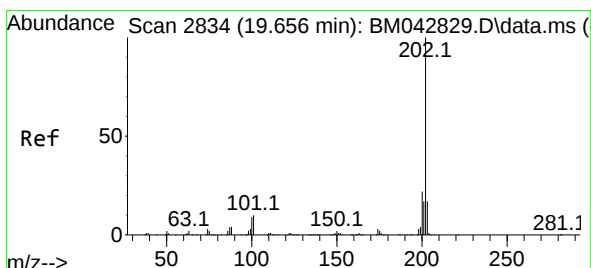
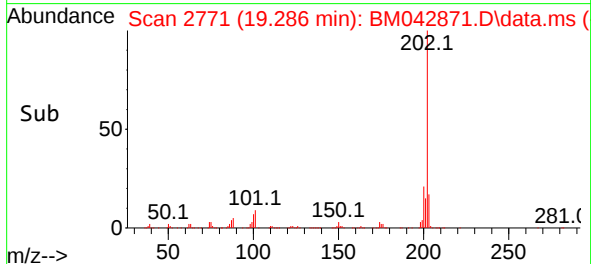
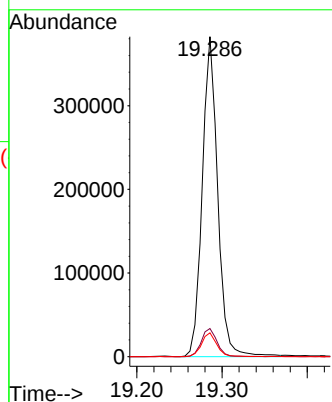
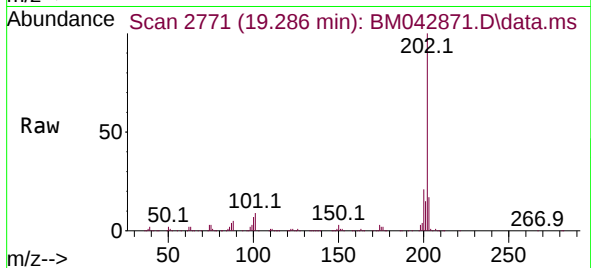
Tgt Ion:202 Resp: 481530

Ion Ratio Lower Upper

202 100

101 8.8 6.6 9.8

100 7.5 5.6 8.4



#82

Pyrene

Concen: 37.164 ng/u1

RT: 19.651 min Scan# 2833

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

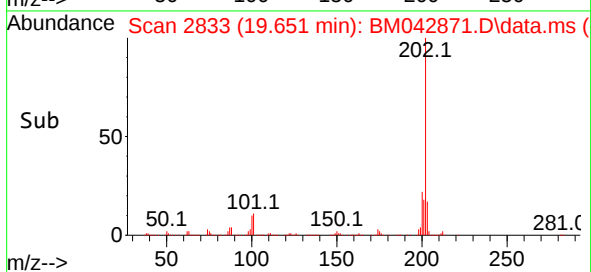
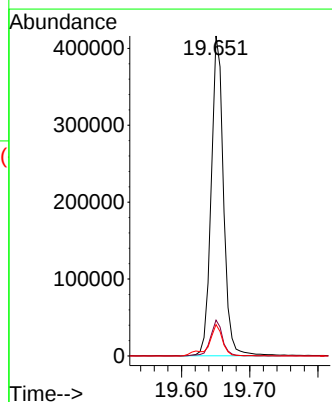
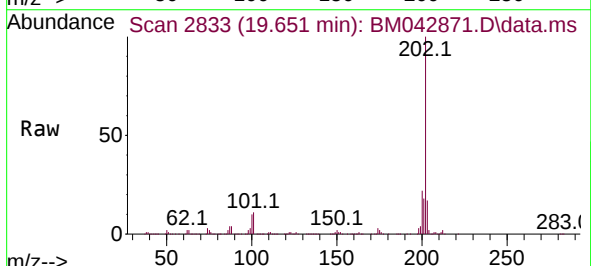
Tgt Ion:202 Resp: 522924

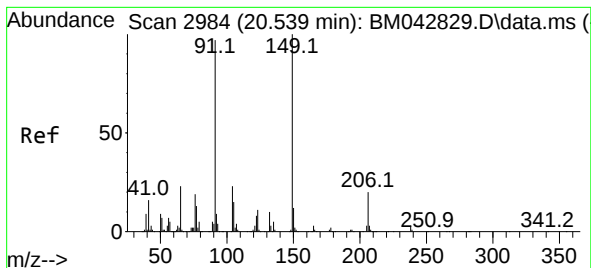
Ion Ratio Lower Upper

202 100

101 11.2 8.1 12.1

100 9.8 6.9 10.3





#83

Butylbenzylphthalate

Concen: 32.273 ng/ul

RT: 20.533 min Scan# 2984

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

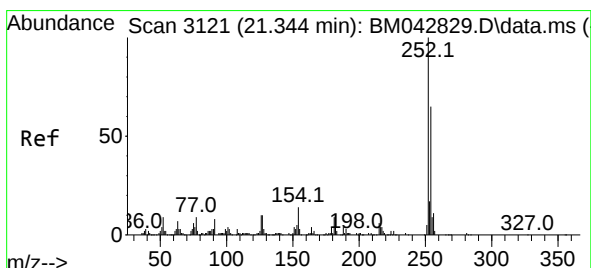
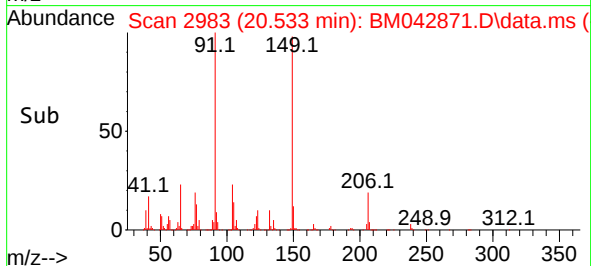
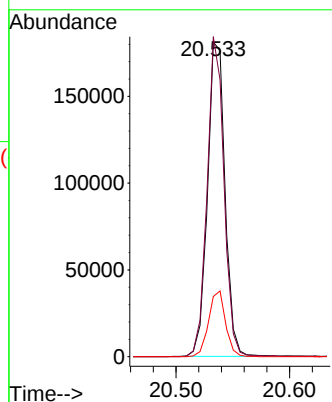
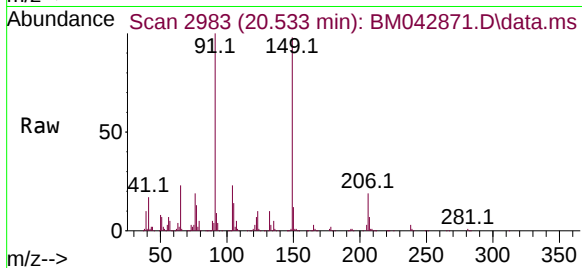
Tgt Ion:149 Resp: 193962

Ion Ratio Lower Upper

149 100

91 101.7 69.3 103.9

206 19.1 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 29.191 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

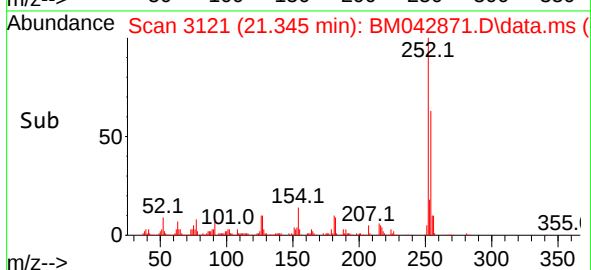
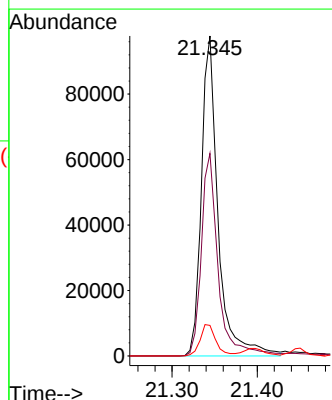
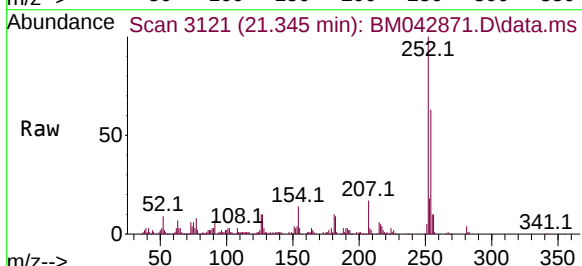
Tgt Ion:252 Resp: 132784

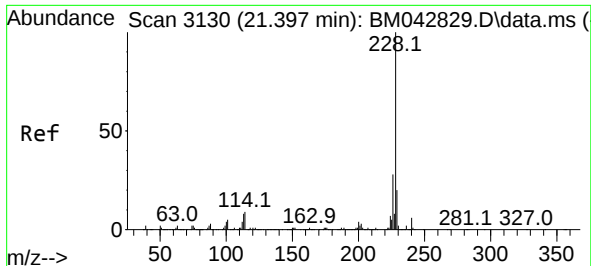
Ion Ratio Lower Upper

252 100

254 63.3 51.8 77.6

126 9.6 7.8 11.8

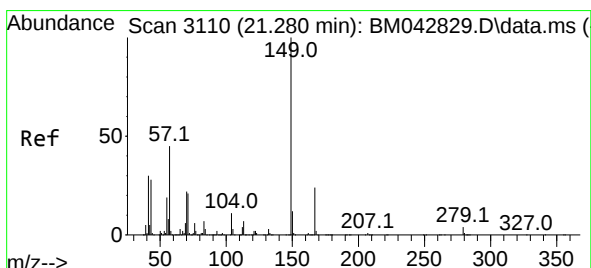
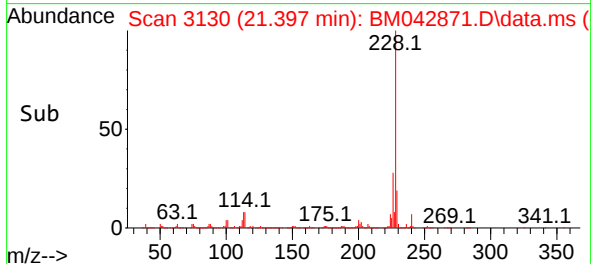
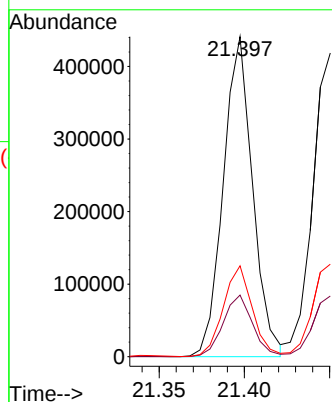
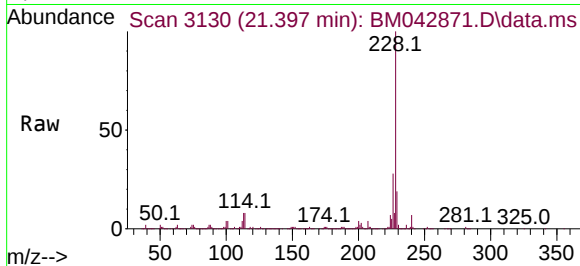




#85
Benzo(a)anthracene
Concen: 37.920 ng/ul
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

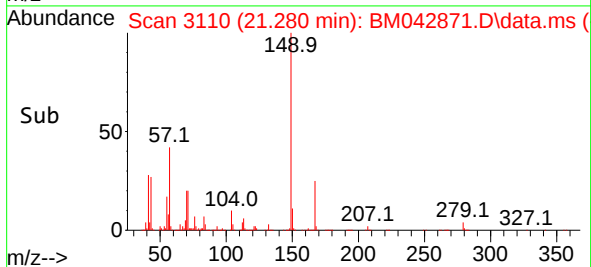
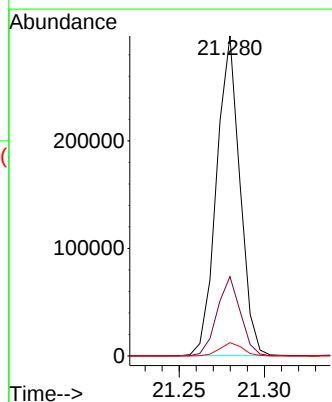
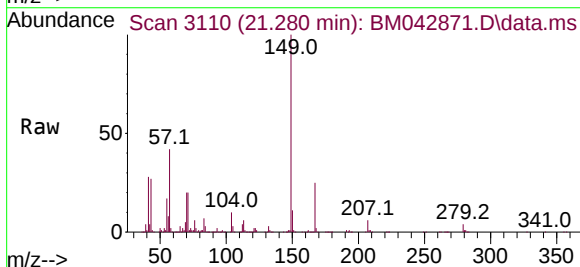
Instrument :
BNA_M
ClientSampleId :

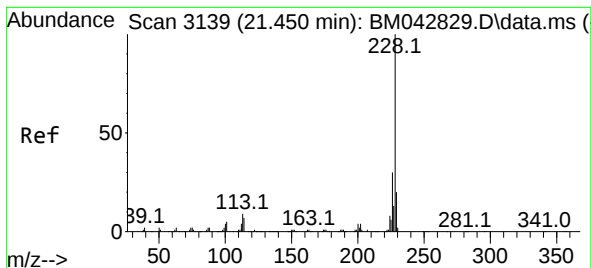
Tgt Ion:228 Resp: 529054
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 28.4 22.5 33.7



#86
Bis(2-ethylhexyl)phthalate
Concen: 31.076 ng/ul
RT: 21.280 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BM042871.D
Acq: 18 Nov 2023 08:14

Tgt Ion:149 Resp: 283365
Ion Ratio Lower Upper
149 100
167 24.8 20.6 31.0
279 4.2 3.5 5.3





#87

Chrysene

Concen: 38.194 ng/ul

RT: 21.450 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

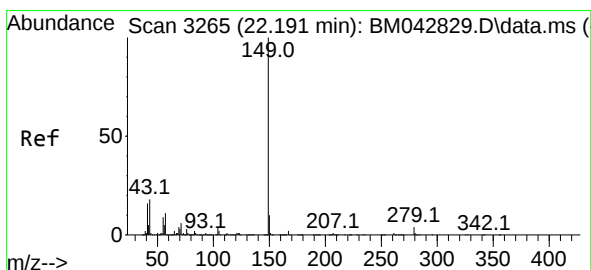
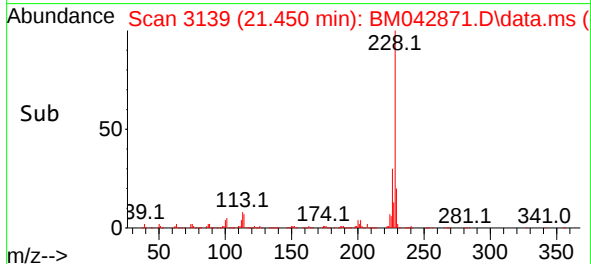
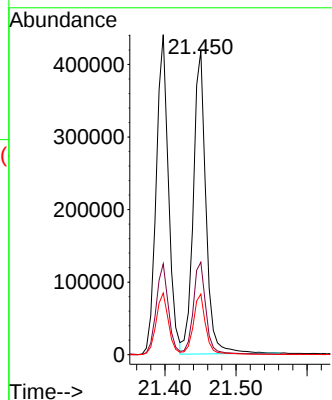
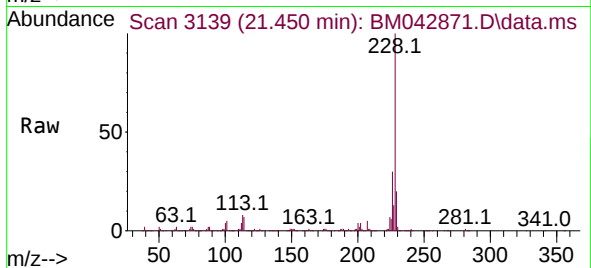
Tgt Ion:228 Resp: 516800

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.9 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 33.050 ng/ul

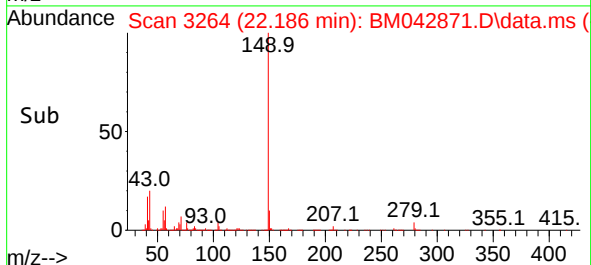
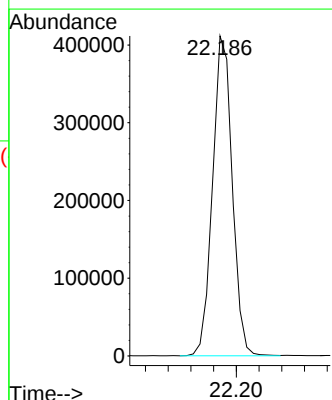
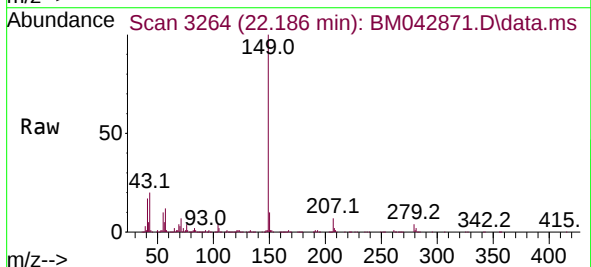
RT: 22.186 min Scan# 3264

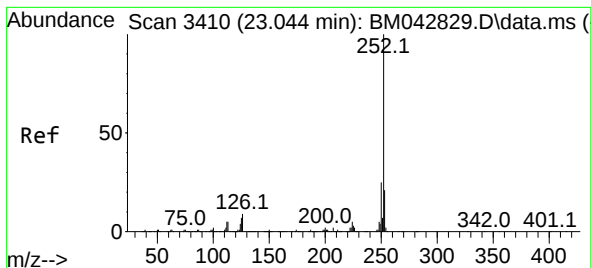
Delta R.T. -0.018 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Tgt Ion:149 Resp: 493559





#90

Benzo(b)fluoranthene

Concen: 41.689 ng/ul

RT: 23.044 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

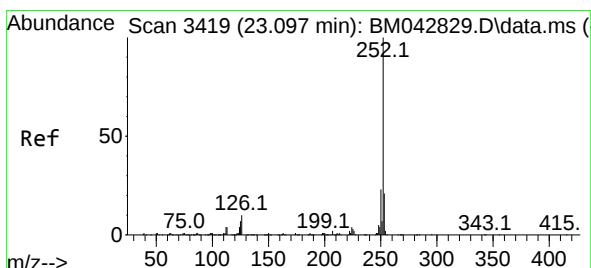
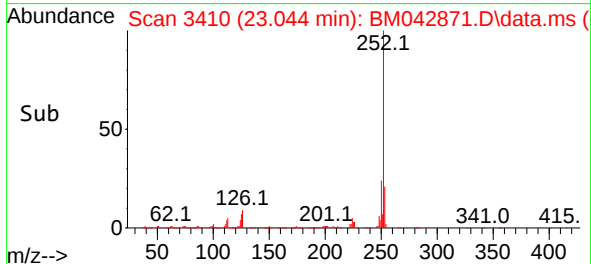
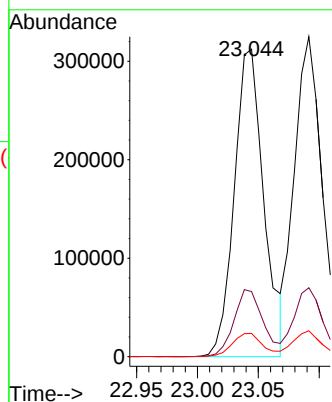
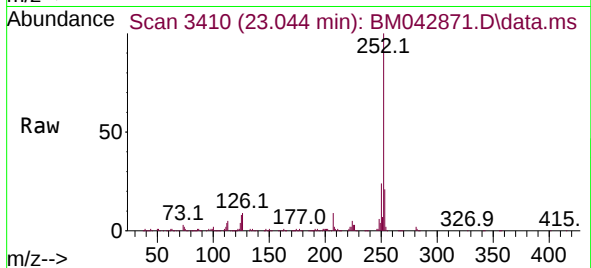
Tgt Ion:252 Resp: 525973

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 7.5 5.2 7.8



#91

Benzo(k)fluoranthene

Concen: 39.713 ng/ul

RT: 23.091 min Scan# 3418

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

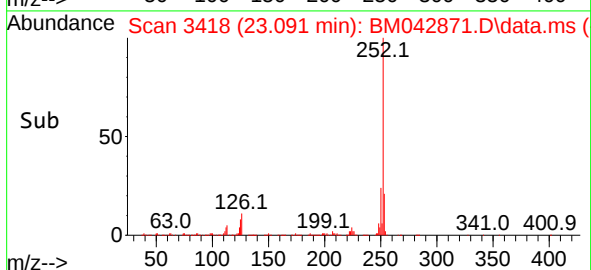
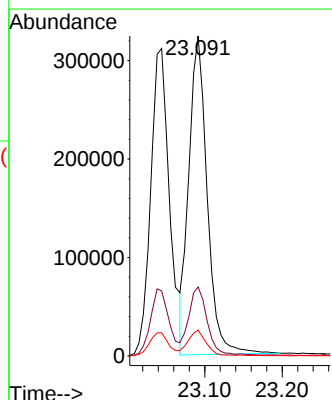
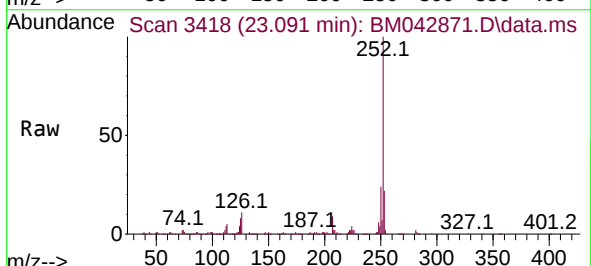
Tgt Ion:252 Resp: 533362

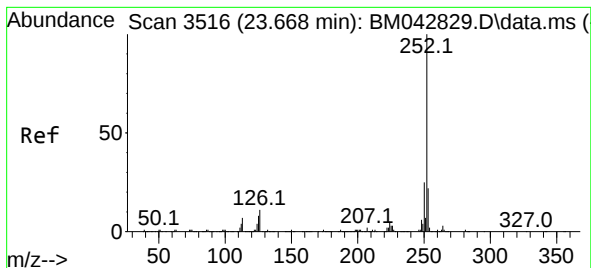
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.1 5.5 8.3





#93

Benzo(a)pyrene

Concen: 40.079 ng/ul

RT: 23.668 min Scan# 3516

Delta R.T. -0.012 min

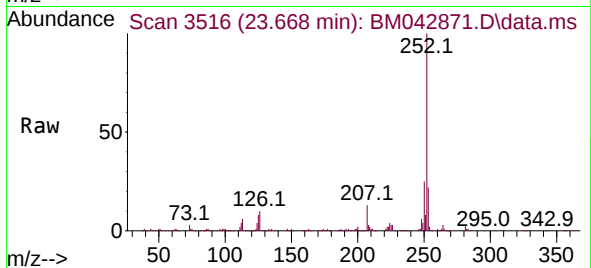
Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :



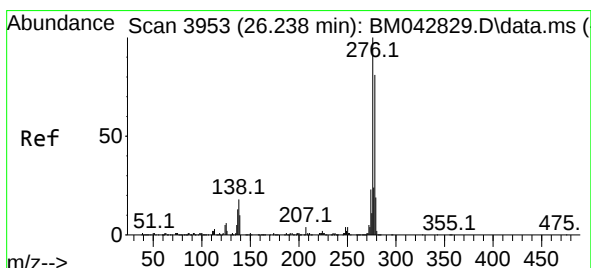
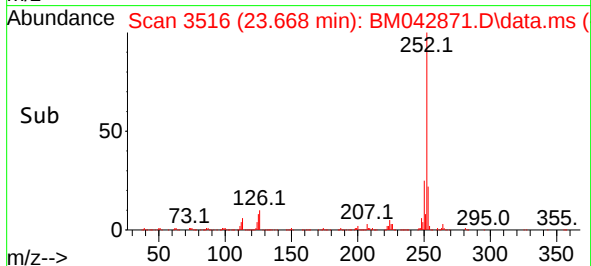
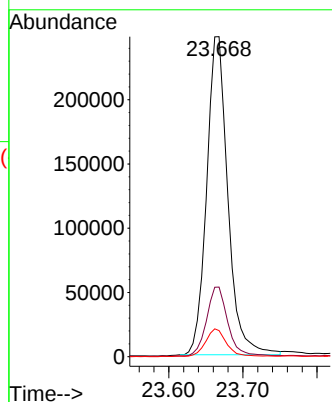
Tgt Ion:252 Resp: 492732

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 8.2 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 40.556 ng/ul

RT: 26.232 min Scan# 3952

Delta R.T. -0.012 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

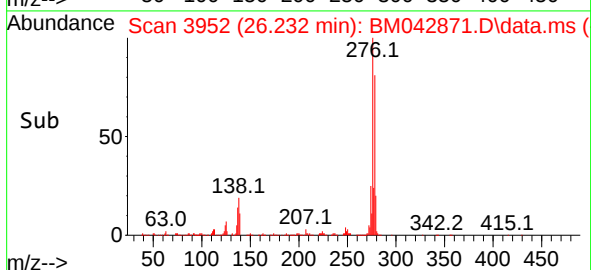
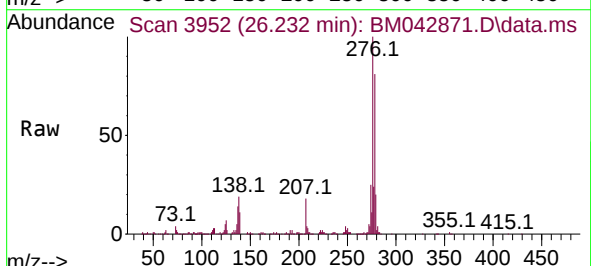
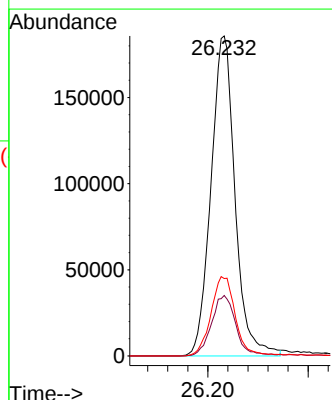
Tgt Ion:276 Resp: 619649

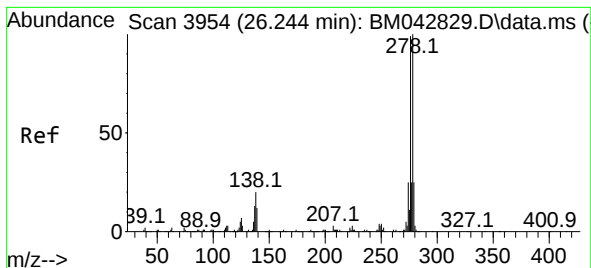
Ion Ratio Lower Upper

276 100

138 18.9 13.8 20.8

277 24.2 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 39.876 ng/ul

RT: 26.244 min Scan# 3954

Delta R.T. -0.018 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Instrument :

BNA_M

ClientSampleId :

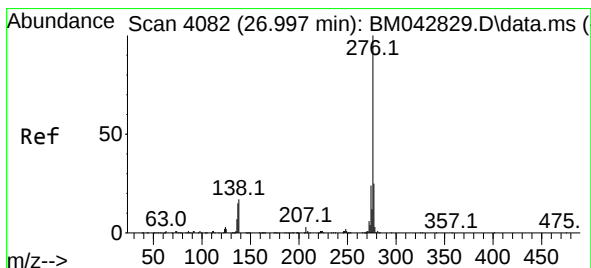
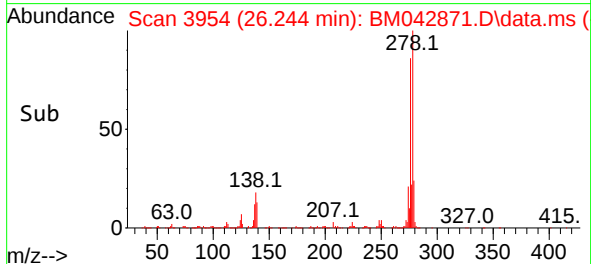
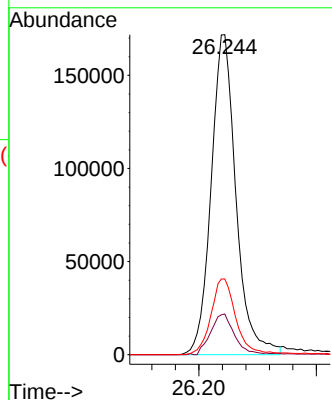
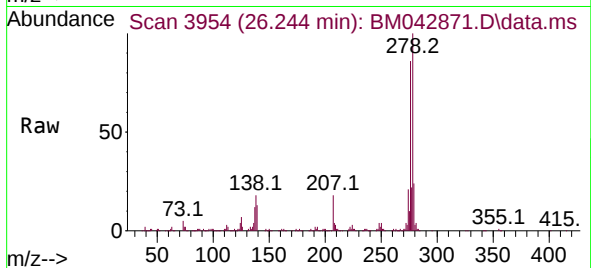
Tgt Ion:278 Resp: 505116

Ion Ratio Lower Upper

278 100

139 12.7 9.0 13.4

279 23.6 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 39.865 ng/ul

RT: 26.997 min Scan# 4082

Delta R.T. -0.024 min

Lab File: BM042871.D

Acq: 18 Nov 2023 08:14

Tgt Ion:276 Resp: 483669

Ion Ratio Lower Upper

276 100

138 16.9 13.0 19.6

277 23.5 18.4 27.6

