

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051022\
 Data File : BM034964.D
 Acq On : 10 May 2022 15:02
 Operator : CG/JU
 Sample : SSTD02034
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020038

Quant Time: May 10 16:10:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 16:06:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	217823	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	961860	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	619142	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	1185968	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	882401	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	798698	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	44357	8.948	ng/uL	0.00
4) Pyridine-d5	3.775	84	305836	24.854	ng/u1	0.00
7) Phenol-d5	7.081	99	411451	25.009	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	257411	27.899	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	335567	24.100	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	347356	26.388	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	169505	24.124	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	189616	25.992	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	348136	22.655	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	494752	23.811	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1058104	23.475	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1345862	23.218	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	176935	23.384	ng/u1	0.00
60) Fluorene-d10	15.545	176	885573	22.706	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	157774	23.188	ng/u1	0.00
73) Anthracene-d10	17.392	188	1283253	22.221	ng/u1	0.00
81) Pyrene-d10	19.680	212	1238392	25.787	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	963846	23.860	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	44400	9.165	ng/uL	95
5) Pyridine	3.793	79	321596	24.915	ng/u1	94
6) Benzaldehyde	7.057	77	268543	30.890	ng/u1	97
8) Phenol	7.110	94	411685	25.428	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.345	93	325379	26.039	ng/u1	96
12) 2-Chlorophenol	7.487	128	339154	24.064	ng/u1	100
13) 2-Methylphenol	8.363	108	314985	25.660	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.457	45	524858	31.215	ng/u1	100
16) Acetophenone	8.745	105	542130	26.881	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.734	70	291742	30.158	ng/u1	93
18) 4-Methylphenol	8.692	108	351791	26.490	ng/u1	98
19) Hexachloroethane	9.010	117	141008	23.880	ng/u1	96
22) Nitrobenzene	9.122	77	407695	25.701	ng/u1	98
23) Isophorone	9.651	82	781842	26.882	ng/u1	98
25) 2-Nitrophenol	9.834	139	202061	25.224	ng/u1	91
26) 2,4-Dimethylphenol	9.898	107	406761	24.128	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.134	93	469808	25.769	ng/u1	100
29) 2,4-Dichlorophenol	10.369	162	337450	22.512	ng/u1	98
30) Naphthalene	10.775	128	1118038	22.747	ng/u1	99
32) 4-Chloroaniline	10.881	127	492405	23.873	ng/u1	99
33) Hexachlorobutadiene	11.069	225	217061	20.041	ng/u1	99
34) Caprolactam	11.645	113	103660	27.738	ng/u1	93
35) 4-Chloro-3-methylphenol	12.004	107	366205	25.783	ng/u1	99
36) 2-Methylnaphthalene	12.386	142	794104	23.312	ng/u1	100

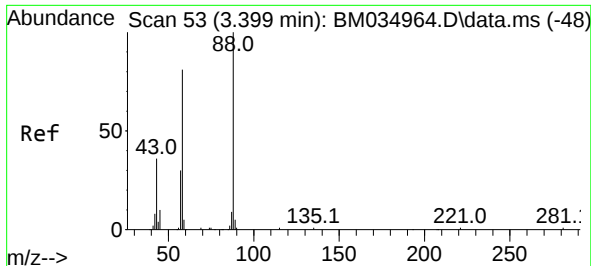
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	802754	23.419	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	409419	20.767	ng/ul	99
40) Hexachlorocyclopentadiene	12.739	237	263908	18.491	ng/ul	99
41) 2,4,6-Trichlorophenol	12.986	196	270338	22.798	ng/ul	97
42) 2,4,5-Trichlorophenol	13.057	196	292831	23.082	ng/ul	99
43) 1,1'-Biphenyl	13.392	154	1090708	22.791	ng/ul	99
44) 2-Chloronaphthalene	13.433	162	829645	22.260	ng/ul	98
45) 2-Nitroaniline	13.627	65	244643	30.446	ng/ul	93
47) Dimethylphthalate	14.010	163	1044819	23.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	206089	25.911	ng/ul	92
50) Acenaphthylene	14.274	152	1348117	23.321	ng/ul	99
51) 3-Nitroaniline	14.451	138	150067	21.241	ng/ul	94
52) Acenaphthene	14.616	153	876460	23.006	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	105897	22.849	ng/ul	91
55) 4-Nitrophenol	14.757	109	154466	25.724	ng/ul	96
56) Dibenzofuran	14.951	168	1217756	22.468	ng/ul	95
57) 2,4-Dinitrotoluene	14.910	165	295487	26.453	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.174	232	231613	22.949	ng/ul	98
59) Diethylphthalate	15.374	149	1064773	24.614	ng/ul	99
61) Fluorene	15.598	166	1001412	22.954	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.598	204	498081	22.199	ng/ul	99
63) 4-Nitroaniline	15.610	138	128668	20.760	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.674	198	157167	23.028	ng/ul#	97
67) N-Nitrosodiphenylamine	15.804	169	852589	23.371	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	281205	21.567	ng/ul	95
69) Hexachlorobenzene	16.604	284	312443	20.972	ng/ul	97
70) Atrazine	16.757	200	292804	21.824	ng/ul	100
71) Pentachlorophenol	16.945	266	183462	18.965	ng/ul	98
72) Phenanthrene	17.339	178	1464386	22.455	ng/ul	99
74) Anthracene	17.427	178	1485825	22.407	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	423704	21.219	ng/ul	99
76) Pentachlorobenzene	14.874	250	389389	21.155	ng/ul	98
77) Carbazole	17.692	167	1277716	22.051	ng/ul	100
78) Di-n-butylphthalate	18.268	149	1633742	24.701	ng/ul	99
80) Fluoranthene	19.351	202	1492309	26.577	ng/ul	98
82) Pyrene	19.709	202	1515911	26.213	ng/ul	98
83) Butylbenzylphthalate	20.609	149	621380	30.657	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.386	252	354516	19.584	ng/ul	99
85) Benzo(a)anthracene	21.456	228	1272355	23.190	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	916865	28.531	ng/ul	99
87) Chrysene	21.509	228	1252830	23.223	ng/ul	100
89) Di-n-octyl phthalate	22.315	149	1437276	31.745	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1254087	25.689	ng/ul	100
91) Benzo(k)fluoranthene	23.180	252	1138799	24.571	ng/ul	100
93) Benzo(a)pyrene	23.750	252	1176898	24.049	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.327	276	1337994	22.655	ng/ul#	95
96) Benzo(g,h,i)perylene	27.079	276	1100254	22.032	ng/ul#	94

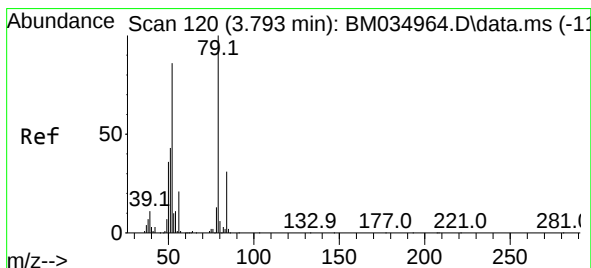
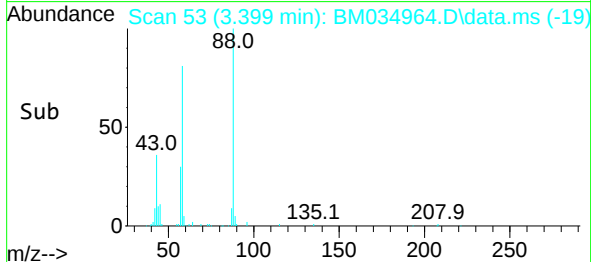
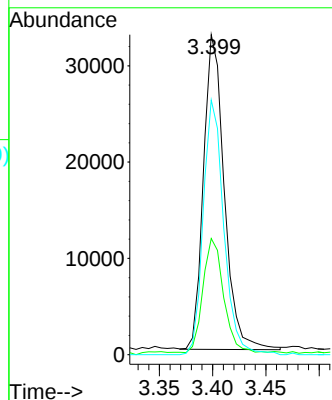
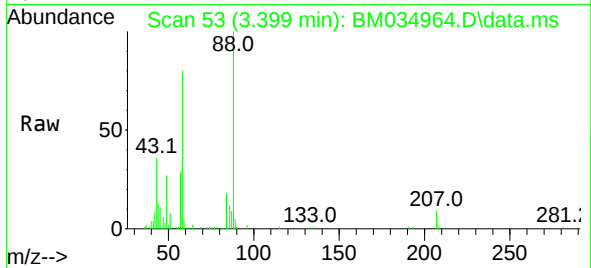
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#2
1,4-Dioxane
Concen: 9.165 ng/uL
RT: 3.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034964.D
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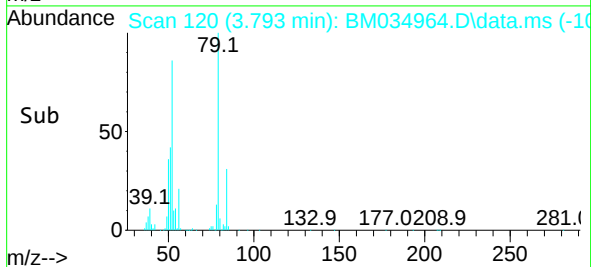
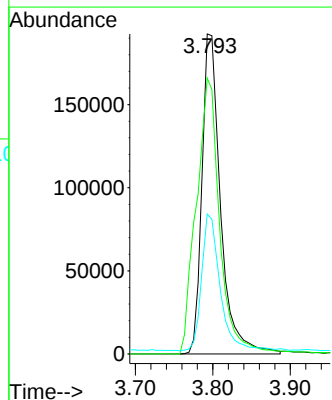
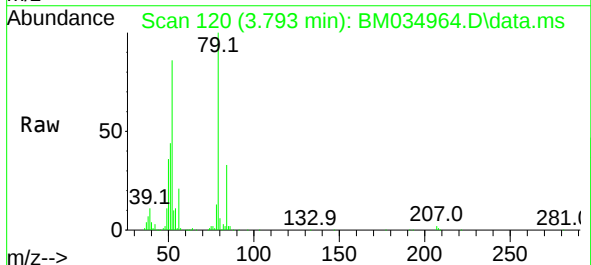
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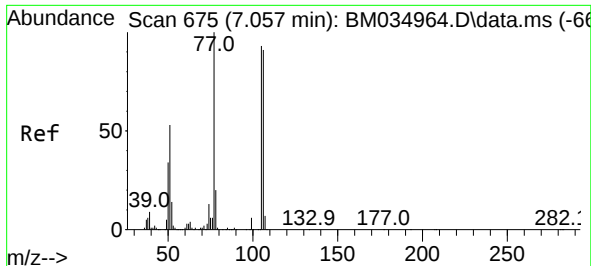
Tgt Ion: 88 Resp: 44400
Ion Ratio Lower Upper
88 100
43 36.3 27.6 41.4
58 79.6 59.5 89.3



#5
Pyridine
Concen: 24.915 ng/uL
RT: 3.793 min Scan# 120
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion: 79 Resp: 321596
Ion Ratio Lower Upper
79 100
52 86.2 64.3 96.5
51 43.8 32.4 48.6

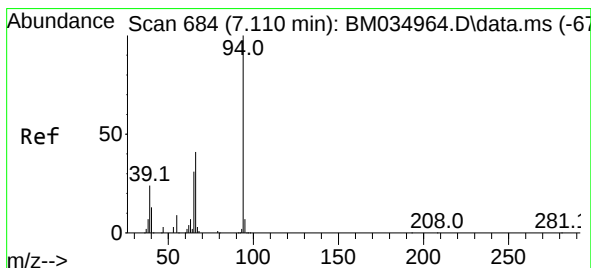
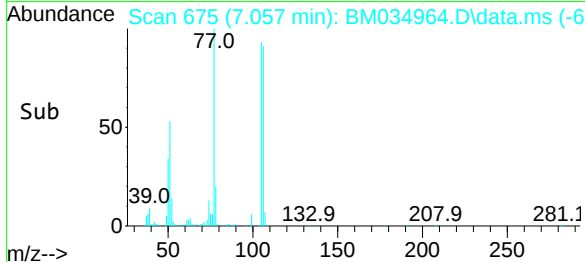
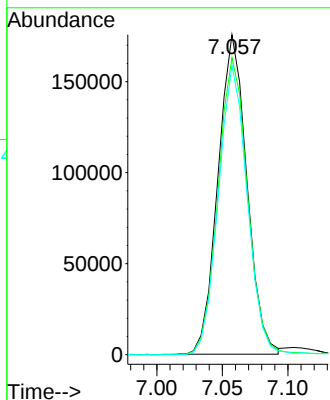
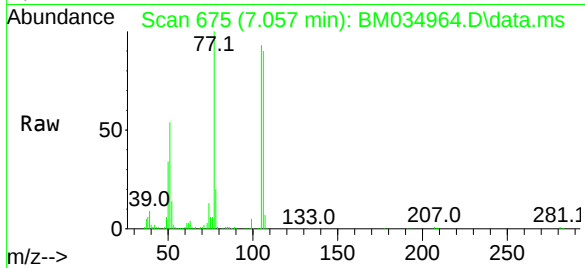




#6
Benzaldehyde
Concen: 30.890 ng/ul
RT: 7.057 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

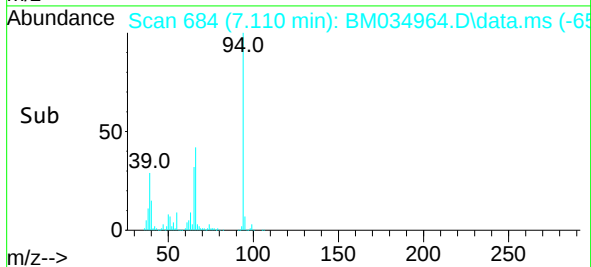
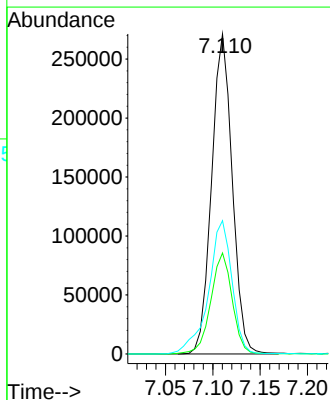
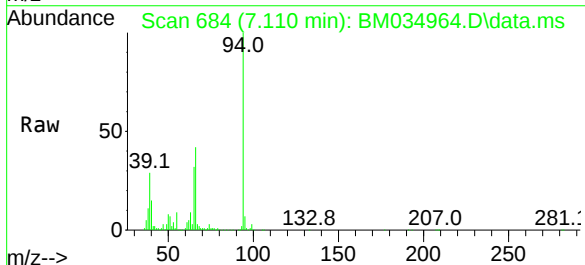
Instrument :
BNA_M
ClientSampleId :
SSTD020038

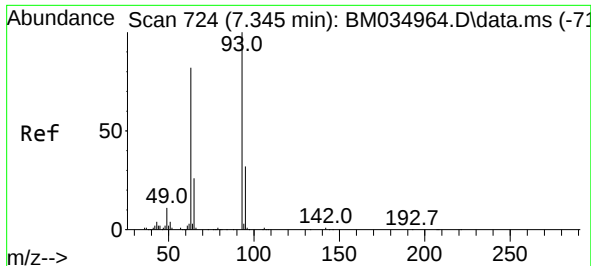
Tgt Ion: 77 Resp: 268543
Ion Ratio Lower Upper
77 100
105 92.8 77.4 116.0
106 90.4 73.4 110.2



#8
Phenol
Concen: 25.428 ng/ul
RT: 7.110 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion: 94 Resp: 411685
Ion Ratio Lower Upper
94 100
65 31.5 23.8 35.6
66 41.7 31.3 46.9

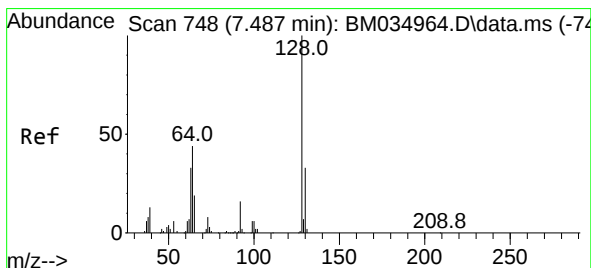
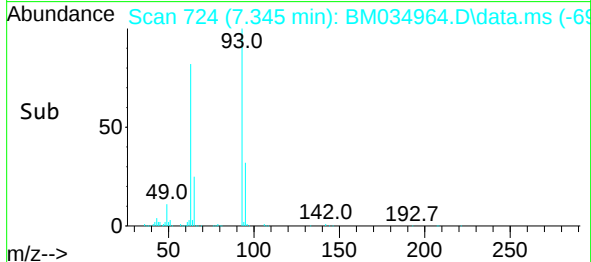
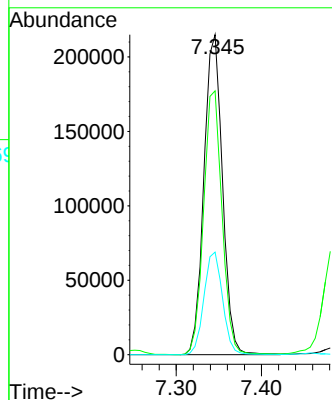
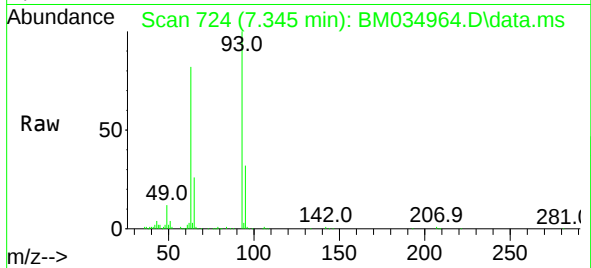




#10
Bis(2-Chloroethyl)ether
Concen: 26.039 ng/ul
RT: 7.345 min Scan# 724
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

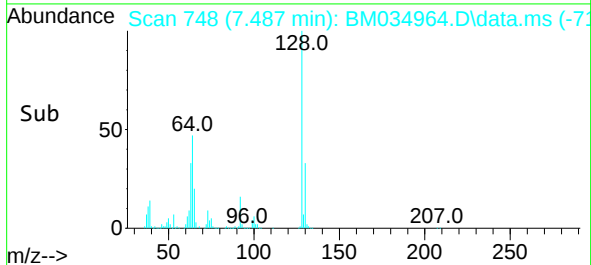
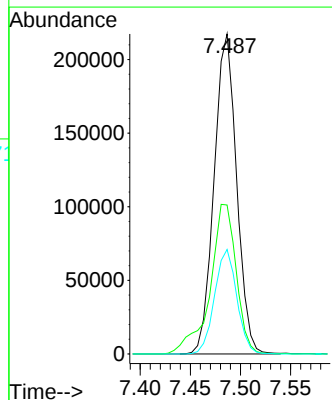
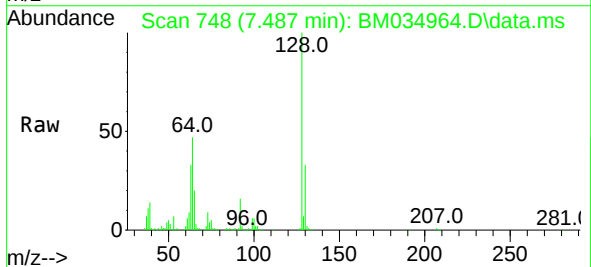
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ClientSampleId :
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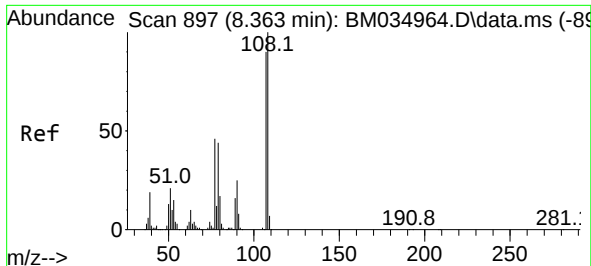
Tgt Ion: 93 Resp: 325379
Ion Ratio Lower Upper
93 100
63 82.4 62.5 93.7
95 32.1 25.8 38.8



#12
2-Chlorophenol
Concen: 24.064 ng/ul
RT: 7.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:128 Resp: 339154
Ion Ratio Lower Upper
128 100
64 46.6 37.1 55.7
130 32.7 26.2 39.4





#13

2-Methylphenol

Concen: 25.660 ng/ul

RT: 8.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

Instrument :

BNA_M

ClientSampleId :

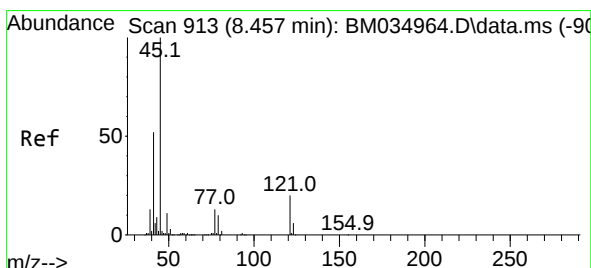
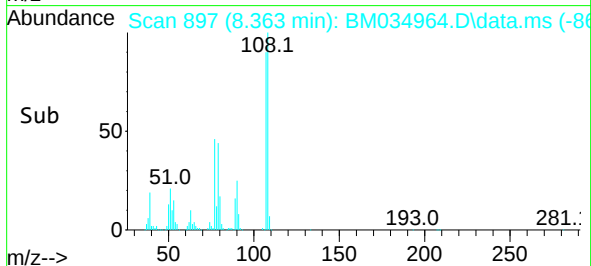
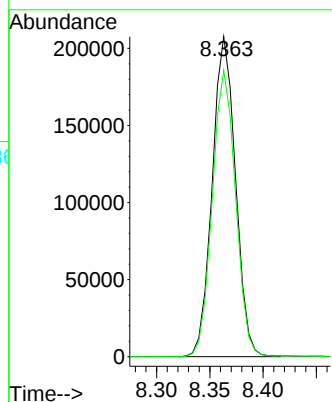
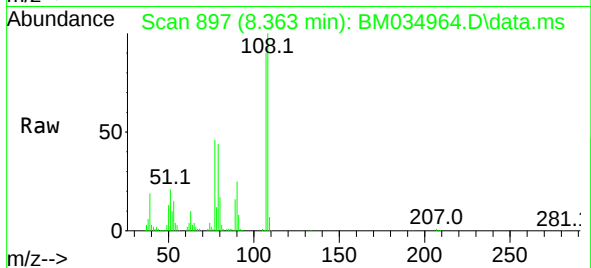
SSTD020038

Tgt Ion:108 Resp: 314985

Ion Ratio Lower Upper

108 100

107 89.5 70.8 106.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.215 ng/ul

RT: 8.457 min Scan# 913

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

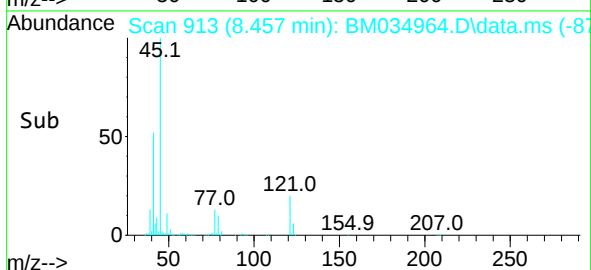
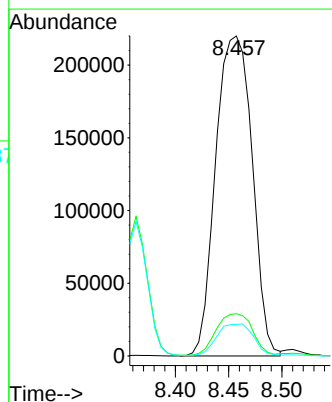
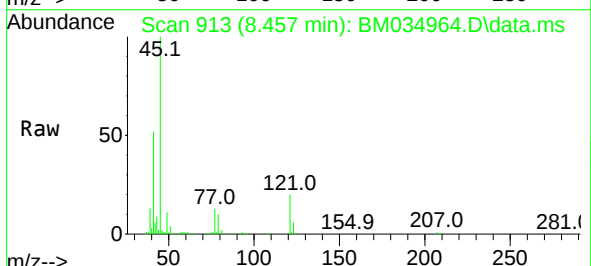
Tgt Ion: 45 Resp: 524858

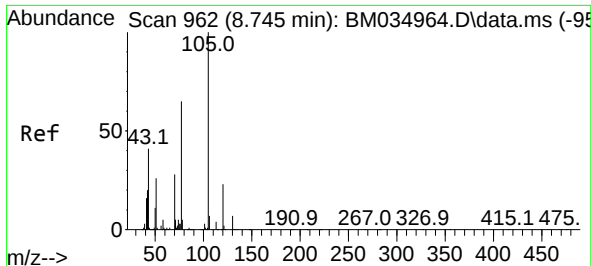
Ion Ratio Lower Upper

45 100

77 13.2 10.6 15.8

79 9.8 8.1 12.1

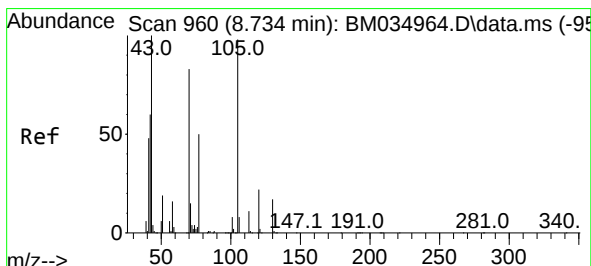
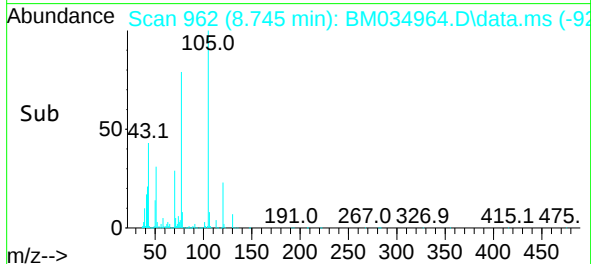
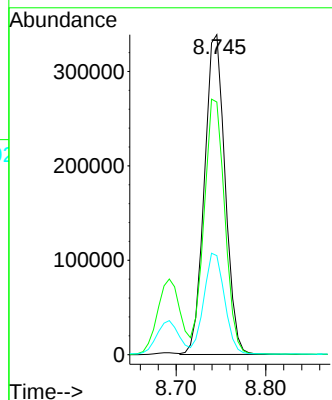
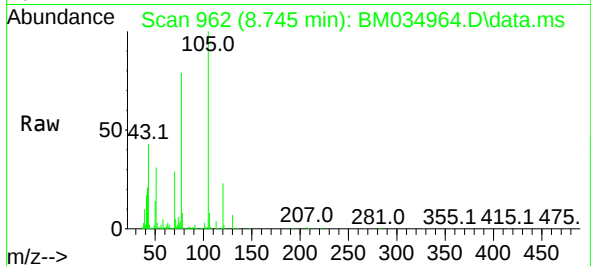




#16
Acetophenone
Concen: 26.881 ng/ul
RT: 8.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

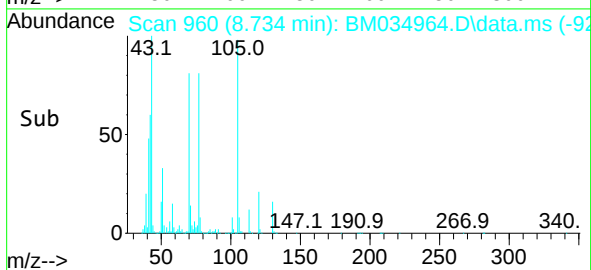
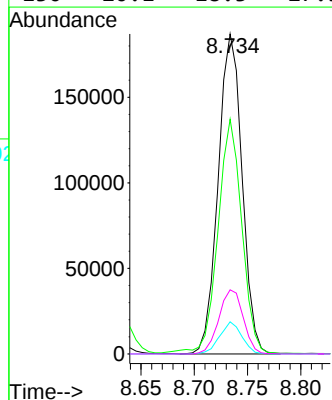
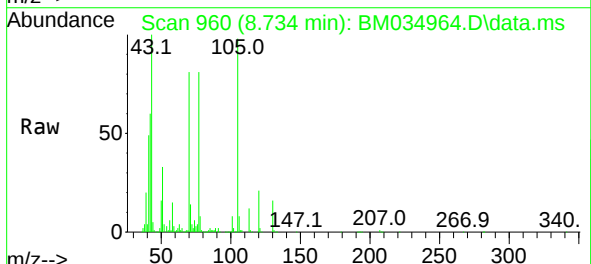
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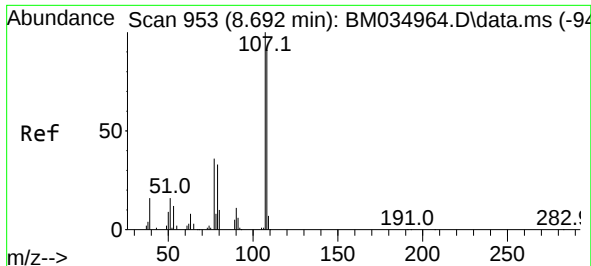
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Ion Ratio Lower Upper
105 100
77 79.0 62.4 93.6
51 31.0 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 30.158 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion: 70 Resp: 291742
Ion Ratio Lower Upper
70 100
42 73.4 53.3 79.9
101 10.0 8.2 12.4
130 20.1 18.3 27.5

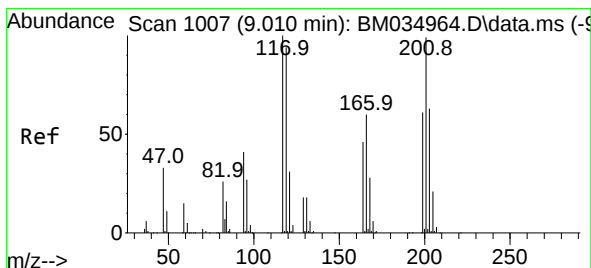
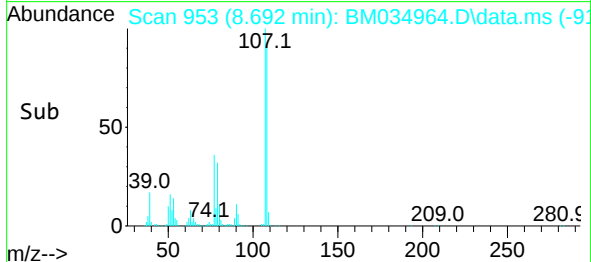
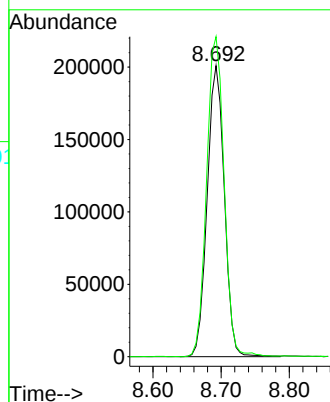
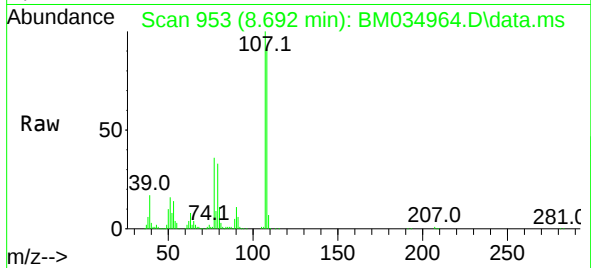




#18
4-Methylphenol
Concen: 26.490 ng/ul
RT: 8.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

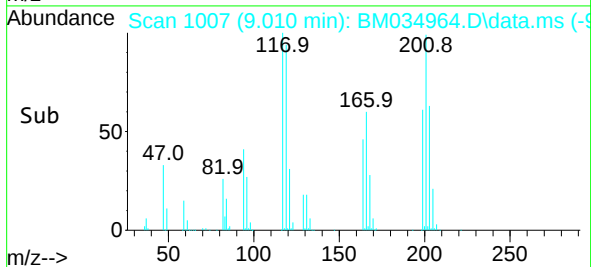
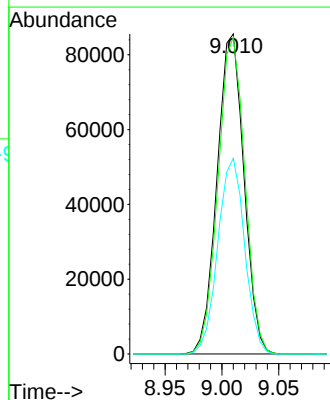
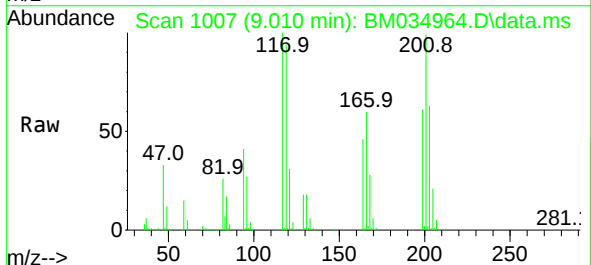
Instrument :
BNA_M
ClientSampleId :
SSTD020038

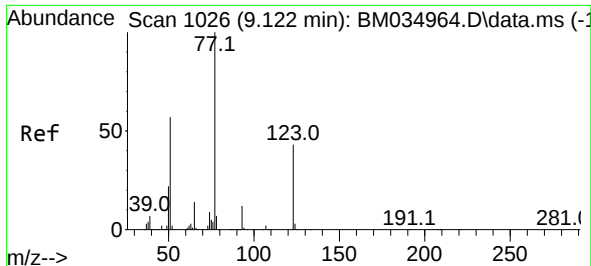
Tgt Ion:108 Resp: 351791
Ion Ratio Lower Upper
108 100
107 109.9 89.7 134.5



#19
Hexachloroethane
Concen: 23.880 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:117 Resp: 141008
Ion Ratio Lower Upper
117 100
201 99.0 81.3 121.9
199 61.1 53.4 80.0

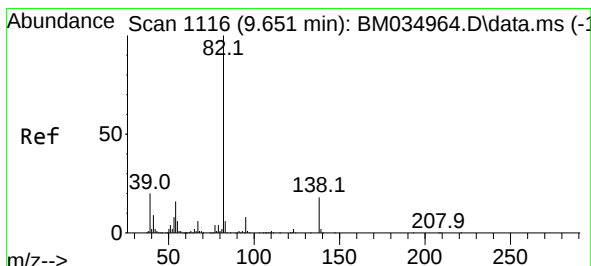
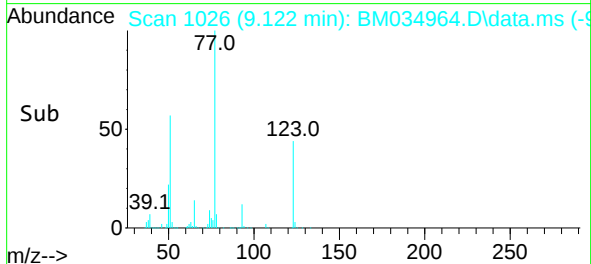
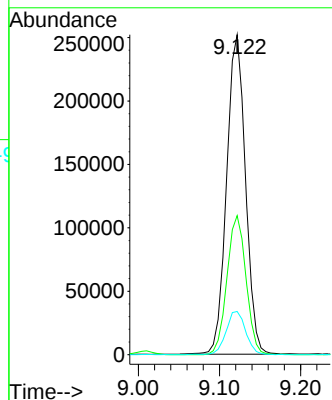
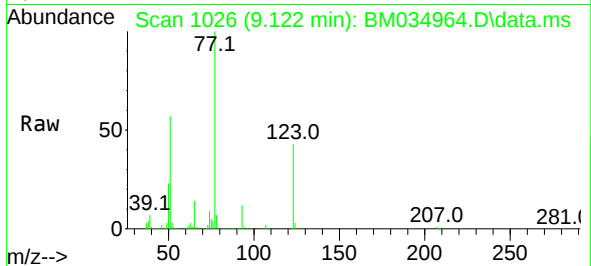




#22
Nitrobenzene
Concen: 25.701 ng/ul
RT: 9.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

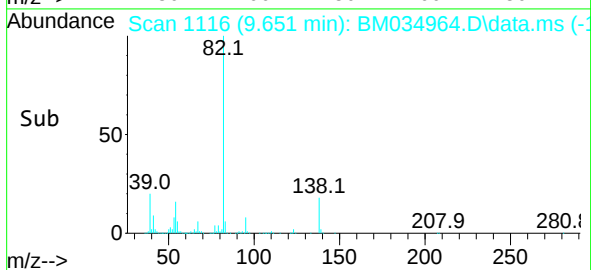
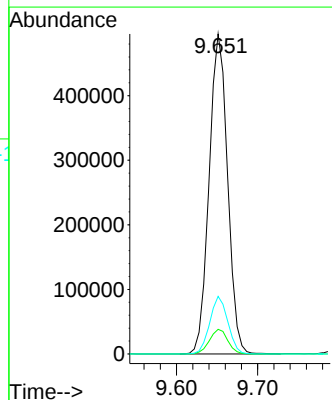
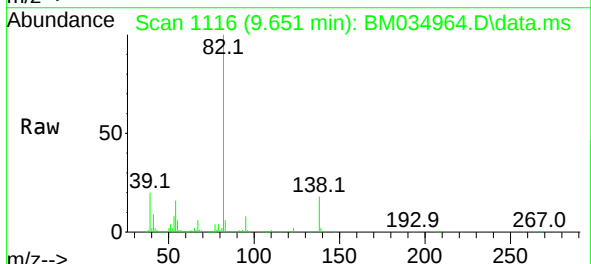
Instrument :
BNA_M
ClientSampleId :
SSTD020038

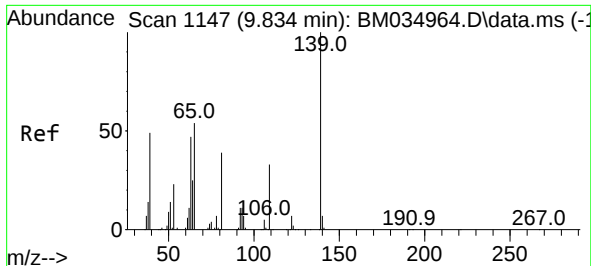
Tgt Ion: 77 Resp: 407695
Ion Ratio Lower Upper
77 100
123 43.4 36.1 54.1
65 13.5 11.0 16.6



#23
Isophorone
Concen: 26.882 ng/ul
RT: 9.651 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion: 82 Resp: 781842
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 18.0 15.3 22.9

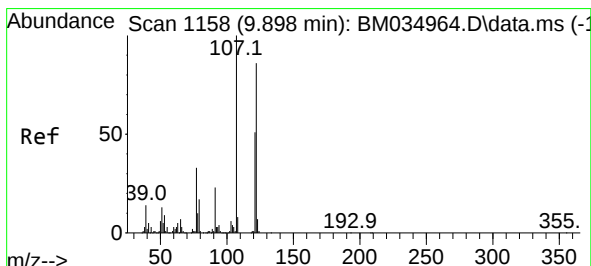
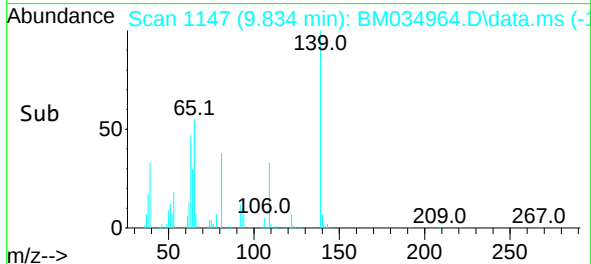
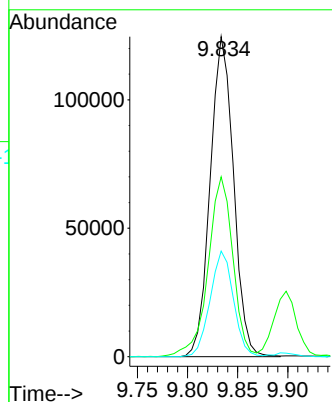
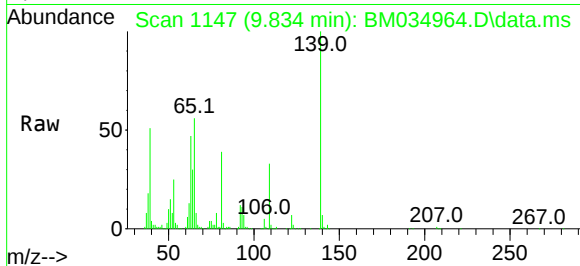




#25
2-Nitrophenol
Concen: 25.224 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

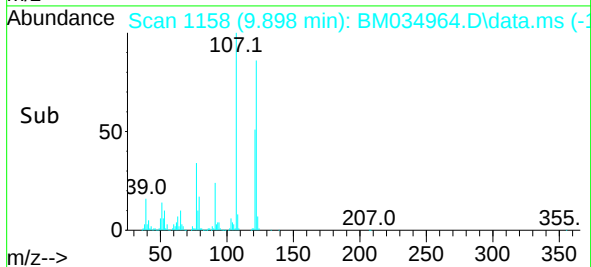
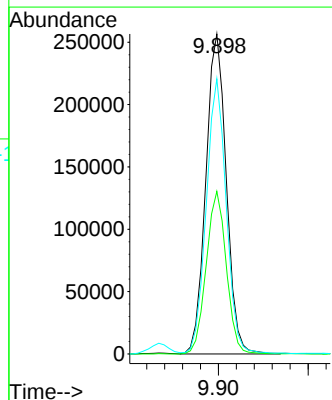
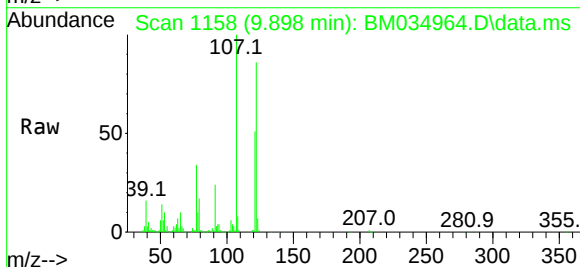
Instrument :
BNA_M
ClientSampleId :
SSTD020038

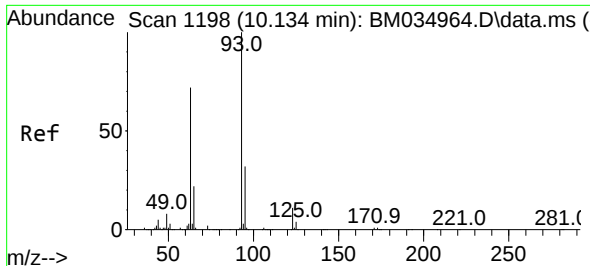
Tgt Ion:139 Resp: 202061
Ion Ratio Lower Upper
139 100
65 56.2 38.9 58.3
109 33.0 24.1 36.1



#26
2,4-Dimethylphenol
Concen: 24.128 ng/ul
RT: 9.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:107 Resp: 406761
Ion Ratio Lower Upper
107 100
121 50.8 40.3 60.5
122 86.0 66.6 100.0



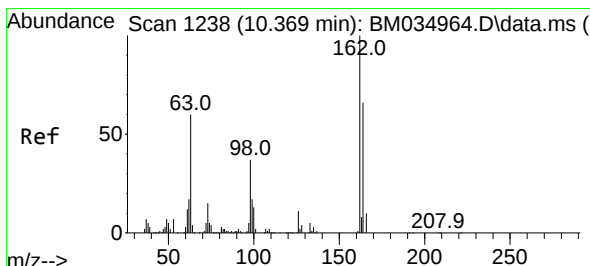
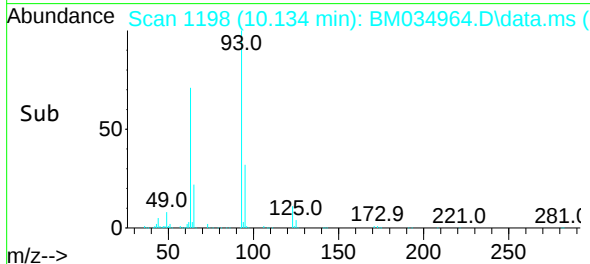
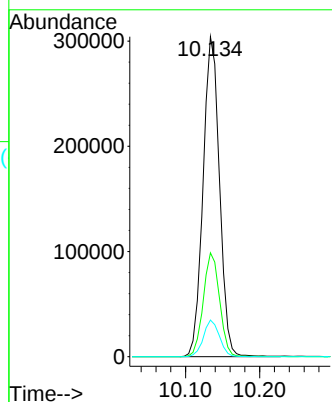
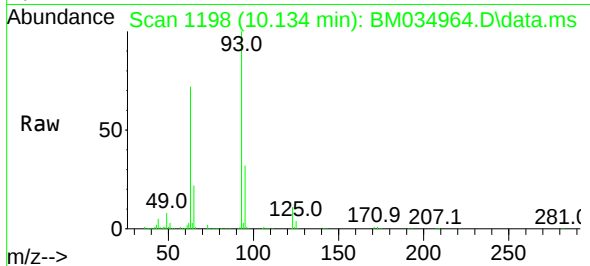


#27
 Bis(2-Chloroethoxy)methane
 Concen: 25.769 ng/ul
 RT: 10.134 min Scan# 1198
 Delta R.T. 0.000 min
 Lab File: BM034964.D
 Acq: 10 May 2022 15:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020038

Tgt Ion: 93 Resp: 469808

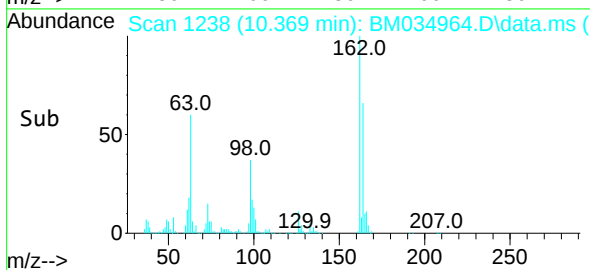
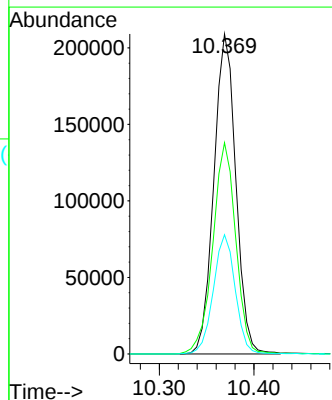
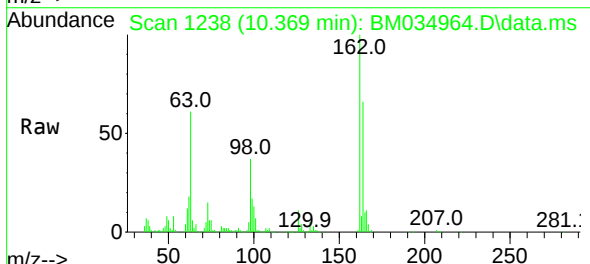
Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	11.5	9.2	13.8

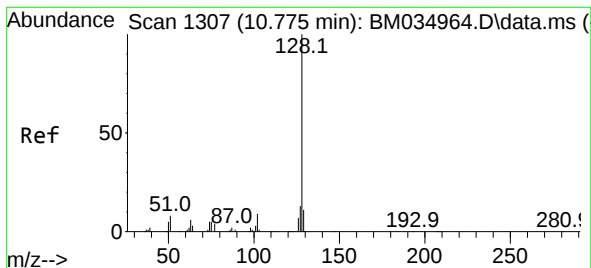


#29
 2,4-Dichlorophenol
 Concen: 22.512 ng/ul
 RT: 10.369 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: BM034964.D
 Acq: 10 May 2022 15:02

Tgt Ion:162 Resp: 337450

Ion	Ratio	Lower	Upper
162	100		
164	66.0	53.0	79.4
98	37.2	27.4	41.0

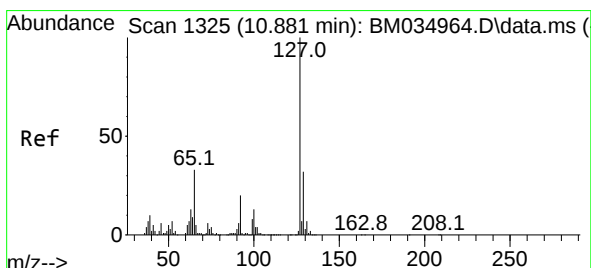
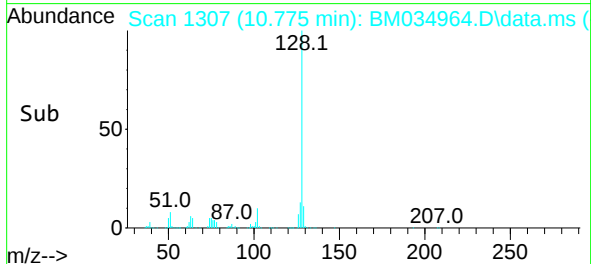
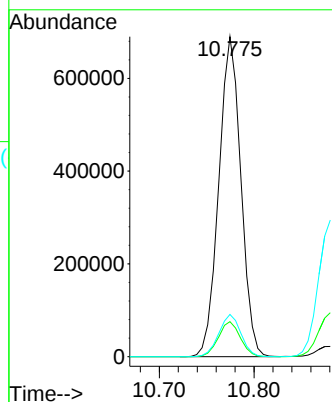
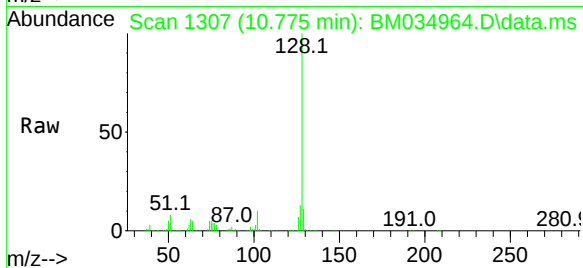




#30
Naphthalene
Concen: 22.747 ng/ul
RT: 10.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

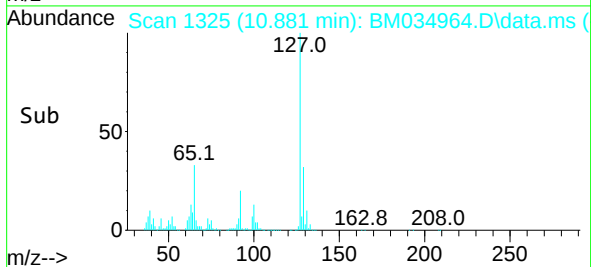
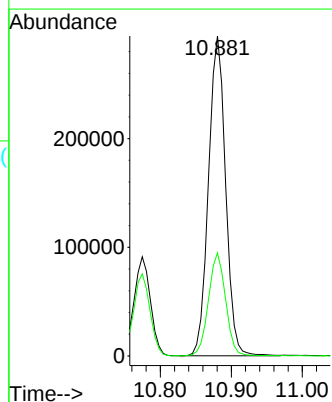
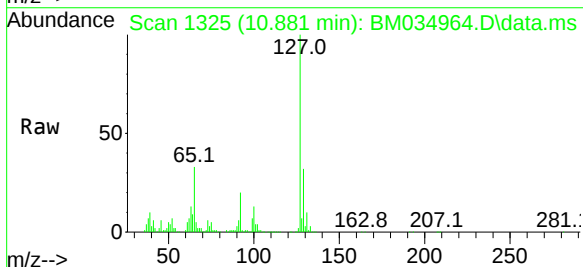
Instrument :
BNA_M
ClientSampleId :
SSTD020038

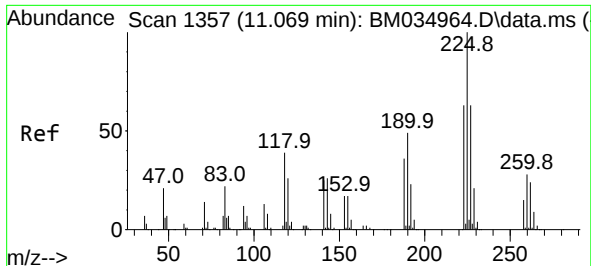
Tgt Ion:128 Resp: 1118038
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.2 10.6 16.0



#32
4-Chloroaniline
Concen: 23.873 ng/ul
RT: 10.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:127 Resp: 492405
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2

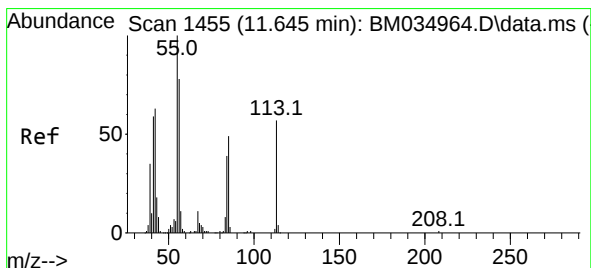
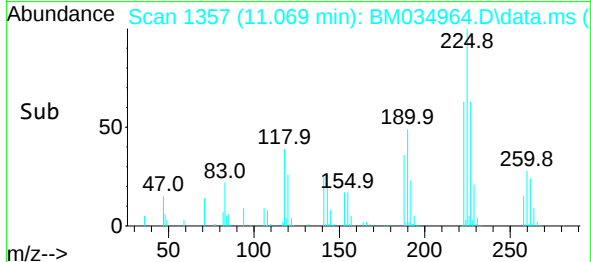
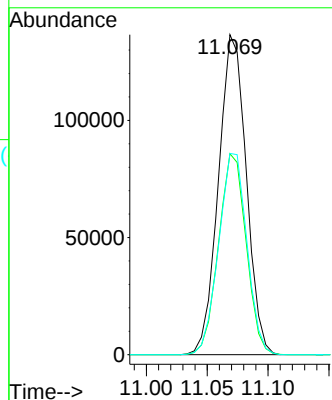
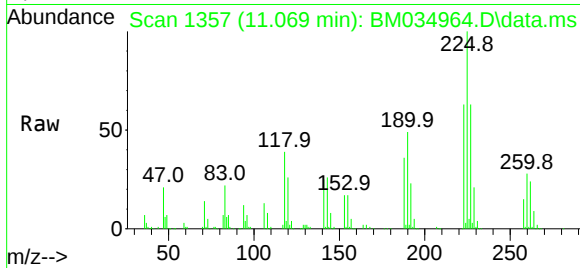




#33
Hexachlorobutadiene
Concen: 20.041 ng/ul
RT: 11.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

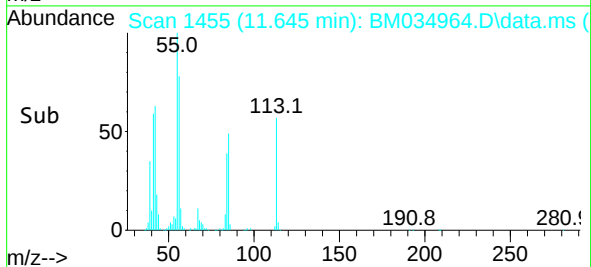
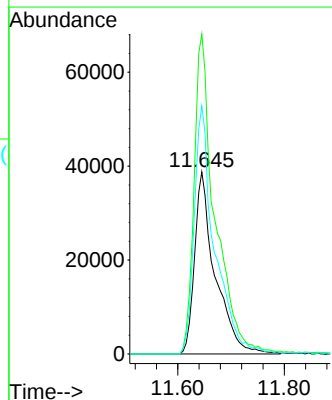
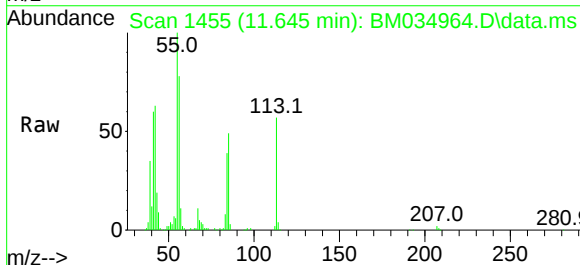
Instrument :
BNA_M
ClientSampleId :
SSTD020038

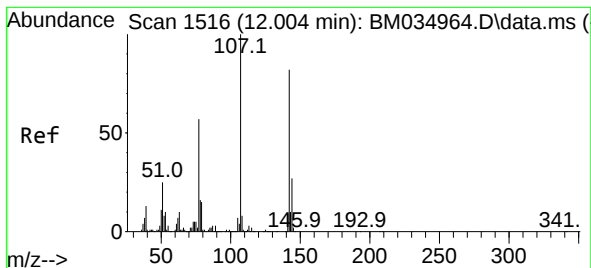
Tgt Ion:225 Resp: 217061
Ion Ratio Lower Upper
225 100
223 62.8 49.8 74.8
227 62.9 49.6 74.4



#34
Caprolactam
Concen: 27.738 ng/ul
RT: 11.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:113 Resp: 103660
Ion Ratio Lower Upper
113 100
55 175.8 130.6 195.8
56 136.3 104.3 156.5

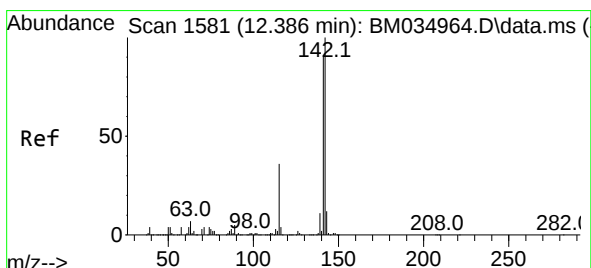
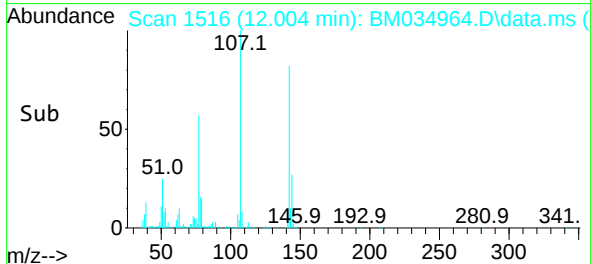
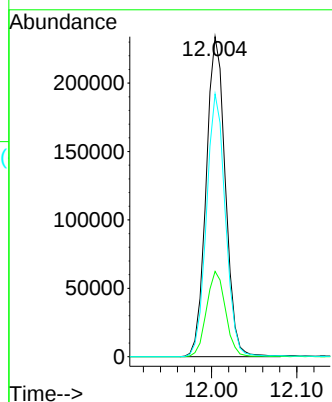
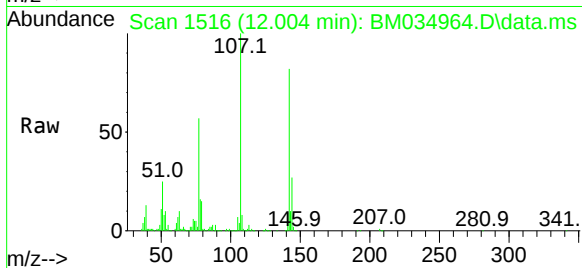




#35
4-Chloro-3-methylphenol
Concen: 25.783 ng/ul
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

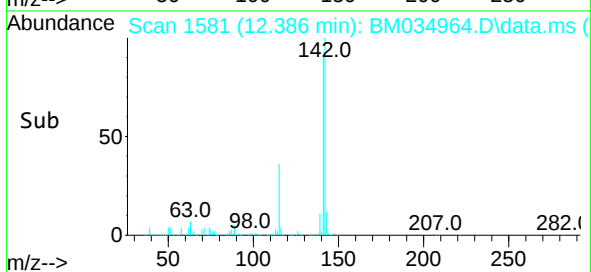
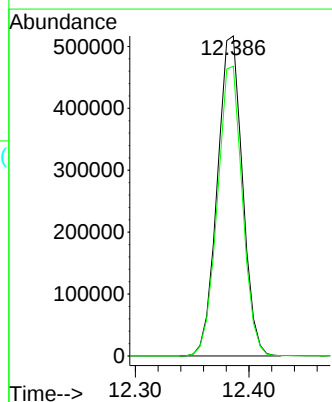
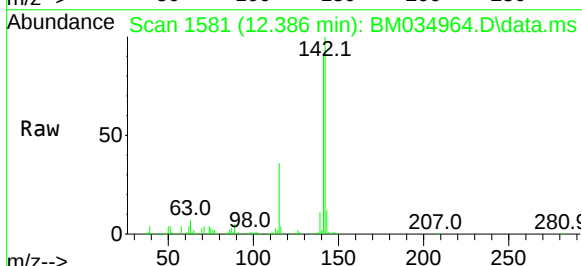
Instrument :
BNA_M
ClientSampleId :
SSTD020038

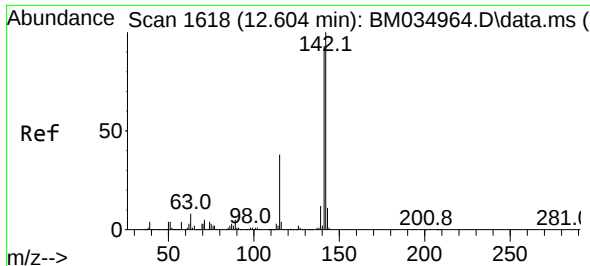
Tgt Ion:107 Resp: 366205
Ion Ratio Lower Upper
107 100
144 26.6 21.5 32.3
142 82.1 66.8 100.2



#36
2-Methylnaphthalene
Concen: 23.312 ng/ul
RT: 12.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:142 Resp: 794104
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2

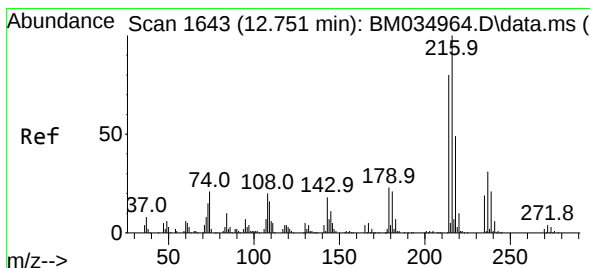
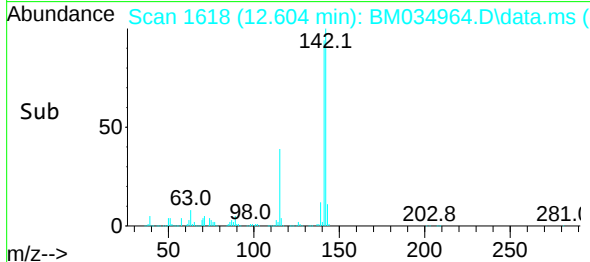
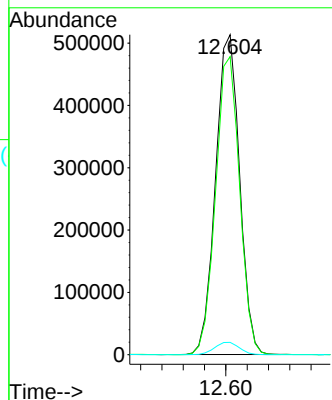
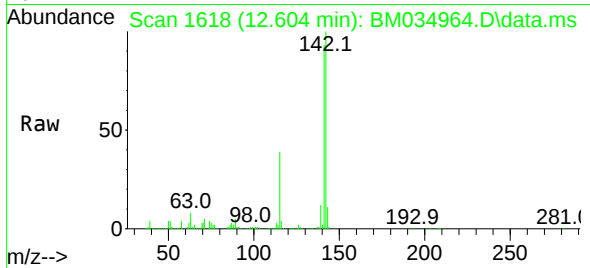




#37
1-Methylnaphthalene
Concen: 23.419 ng/ul
RT: 12.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

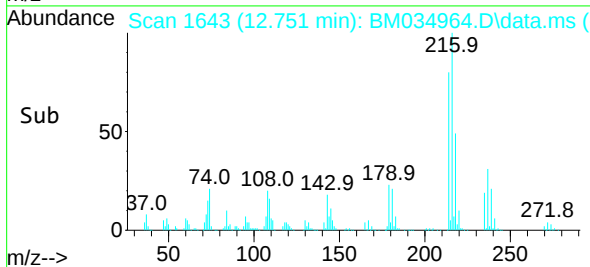
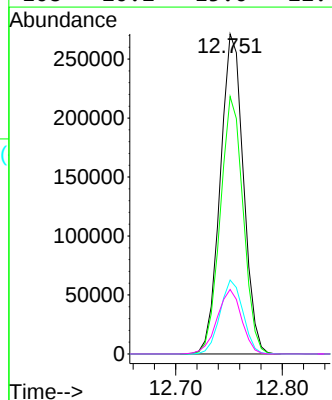
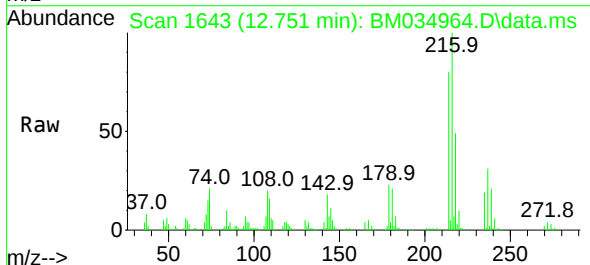
Instrument :
BNA_M
ClientSampleId :
SSTD020038

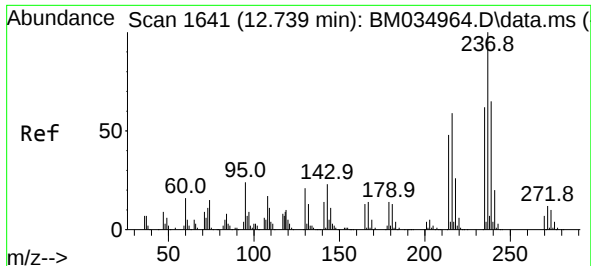
Tgt Ion:142 Resp: 802754
Ion Ratio Lower Upper
142 100
141 93.2 73.0 109.4
116 3.9 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.767 ng/ul
RT: 12.751 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:216 Resp: 409419
Ion Ratio Lower Upper
216 100
214 80.4 64.5 96.7
179 23.1 17.9 26.9
108 20.2 15.0 22.4

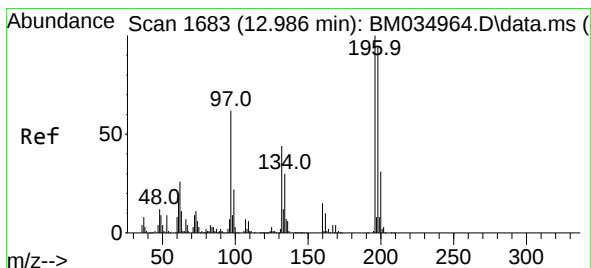
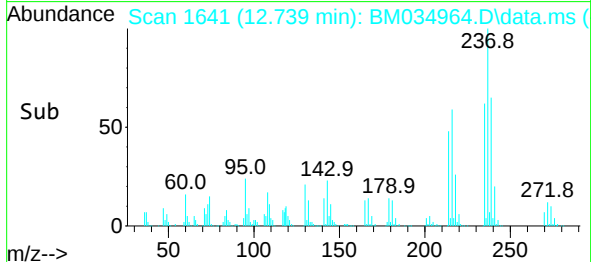
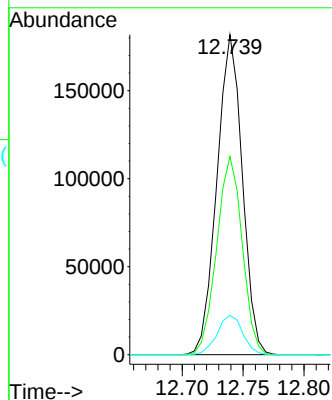
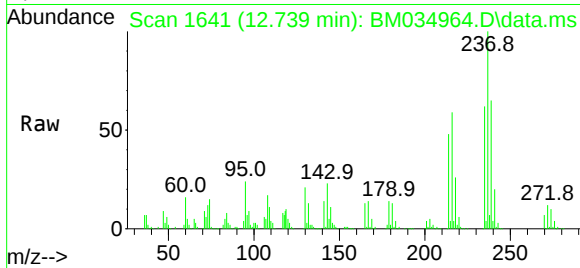




#40
Hexachlorocyclopentadiene
Concen: 18.491 ng/ul
RT: 12.739 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

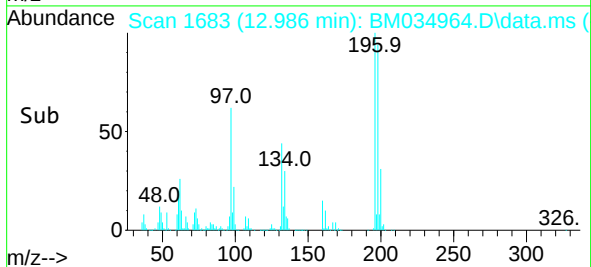
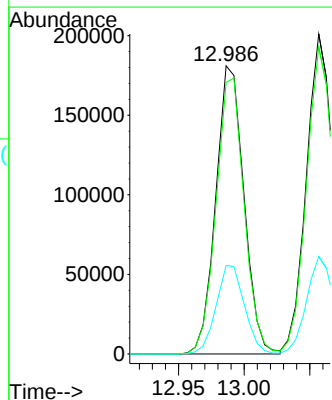
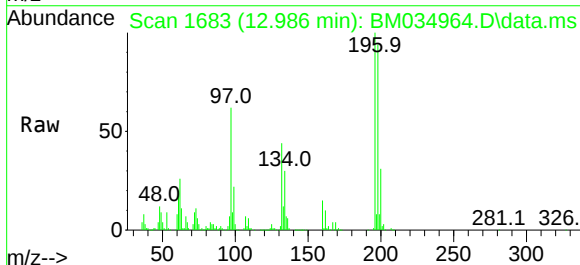
Instrument :
BNA_M
ClientSampleId :
SSTD020038

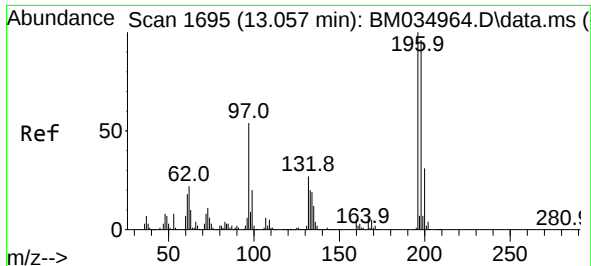
Tgt Ion:237 Resp: 263908
Ion Ratio Lower Upper
237 100
235 61.9 49.2 73.8
272 12.3 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 22.798 ng/ul
RT: 12.986 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:196 Resp: 270338
Ion Ratio Lower Upper
196 100
198 94.2 78.5 117.7
200 30.7 25.0 37.6

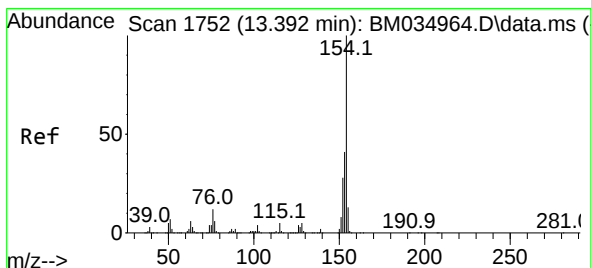
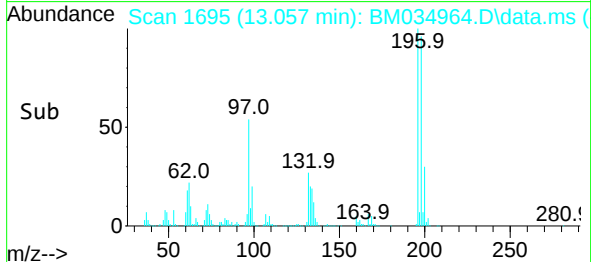
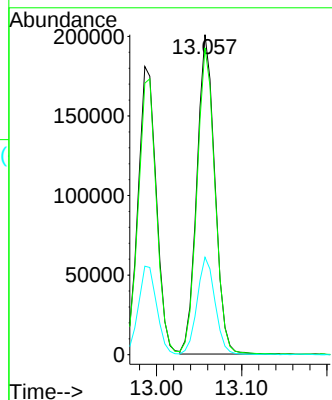
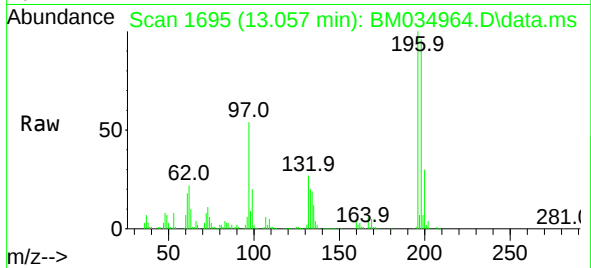




#42
2,4,5-Trichlorophenol
Concen: 23.082 ng/ul
RT: 13.057 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

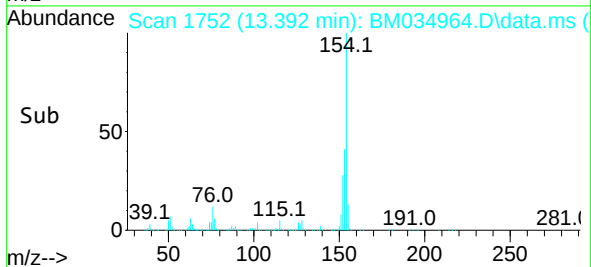
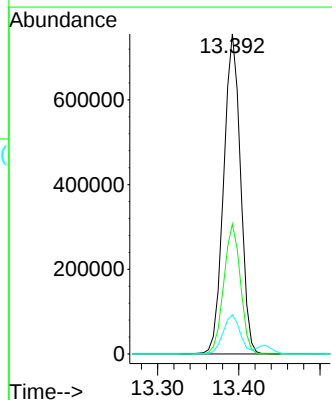
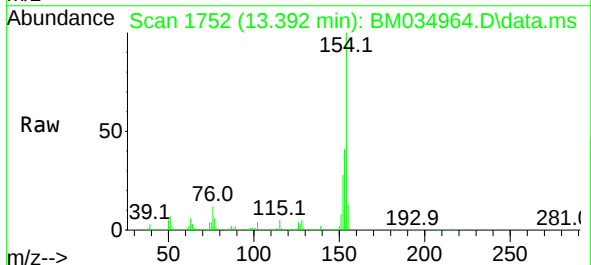
Instrument :
BNA_M
ClientSampleId :
SSTD020038

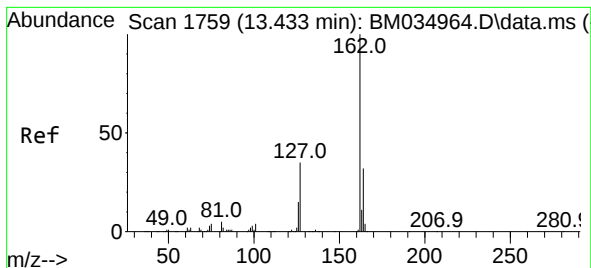
Tgt Ion:196 Resp: 292831
Ion Ratio Lower Upper
196 100
198 95.9 77.7 116.5
200 30.5 25.0 37.4



#43
1,1'-Biphenyl
Concen: 22.791 ng/ul
RT: 13.392 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:154 Resp: 1090708
Ion Ratio Lower Upper
154 100
153 40.6 32.2 48.2
76 12.3 8.6 12.8





#44

2-Chloronaphthalene

Concen: 22.260 ng/ul

RT: 13.433 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

Instrument :

BNA_M

ClientSampleId :

SSTD020038

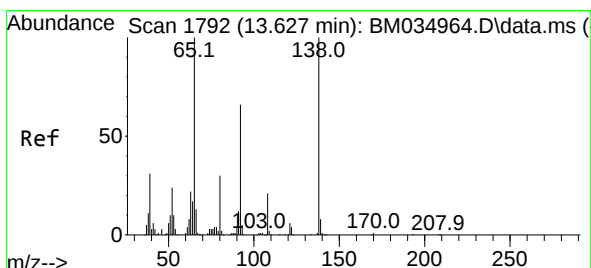
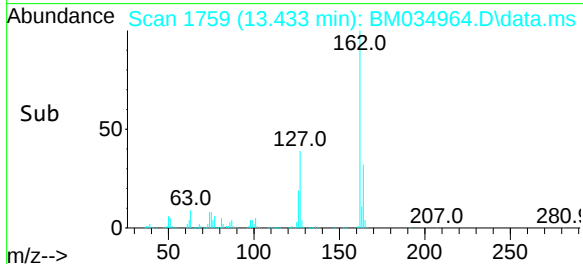
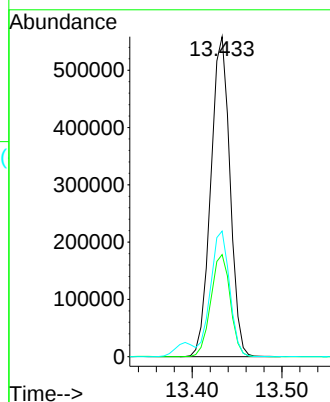
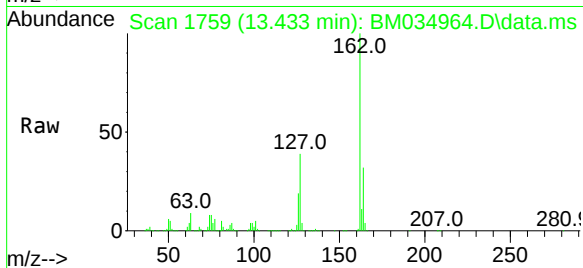
Tgt Ion:162 Resp: 829645

Ion Ratio Lower Upper

162 100

164 31.9 25.7 38.5

127 39.3 29.8 44.8



#45

2-Nitroaniline

Concen: 30.446 ng/ul

RT: 13.627 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

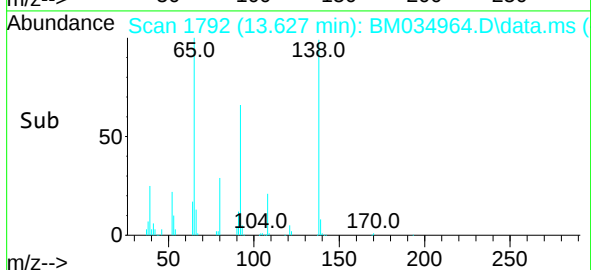
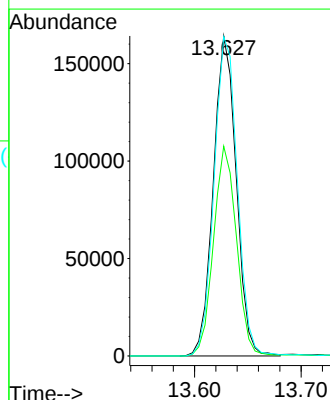
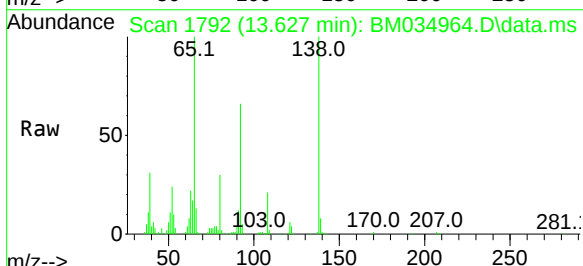
Tgt Ion: 65 Resp: 244643

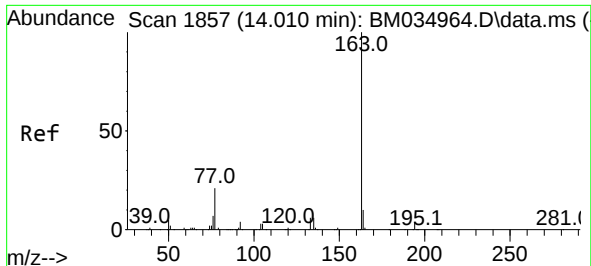
Ion Ratio Lower Upper

65 100

92 65.6 55.9 83.9

138 99.8 87.3 130.9

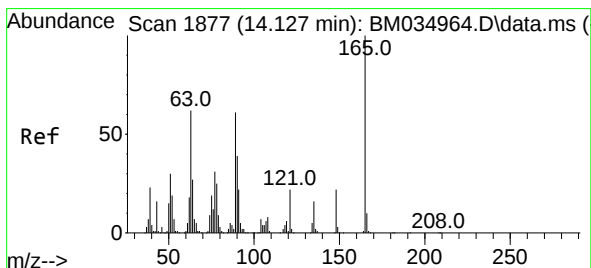
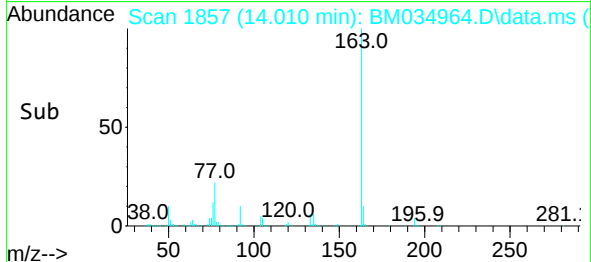
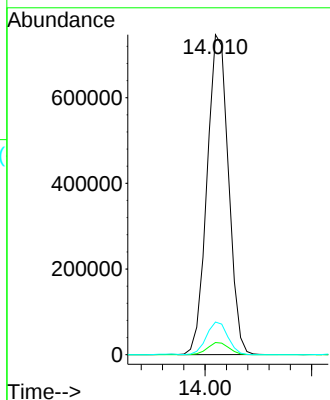
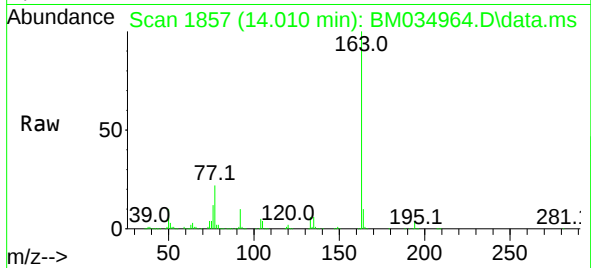




#47
Dimethylphthalate
Concen: 23.677 ng/ul
RT: 14.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

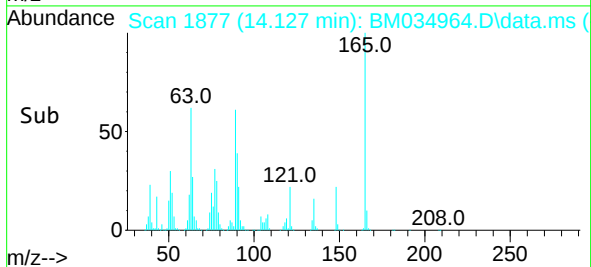
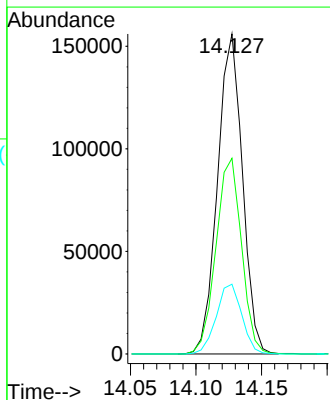
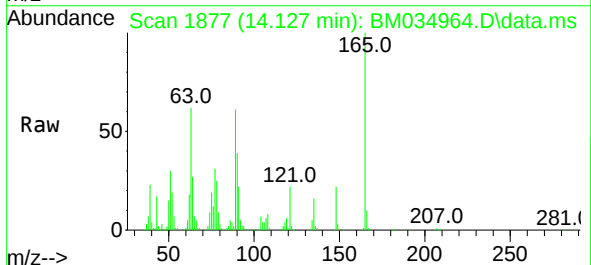
Instrument :
BNA_M
ClientSampleId :
SSTD020038

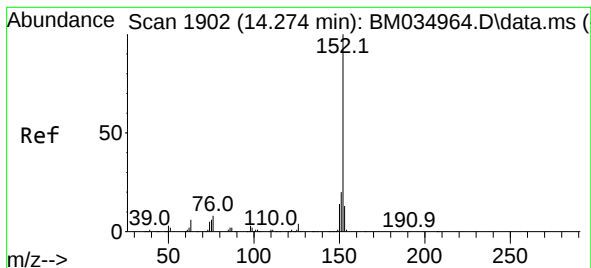
Tgt Ion:163 Resp: 1044819
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 25.911 ng/ul
RT: 14.127 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:165 Resp: 206089
Ion Ratio Lower Upper
165 100
89 61.1 43.1 64.7
121 21.8 16.6 24.8





#50

Acenaphthylene

Concen: 23.321 ng/ul

RT: 14.274 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

Instrument :

BNA_M

ClientSampleId :

SSTD020038

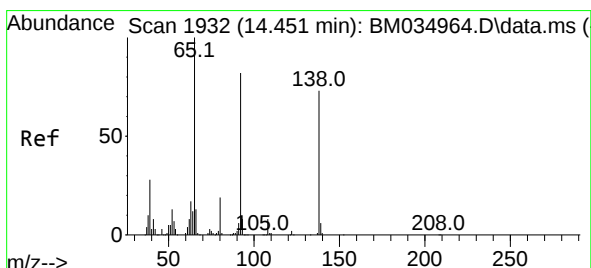
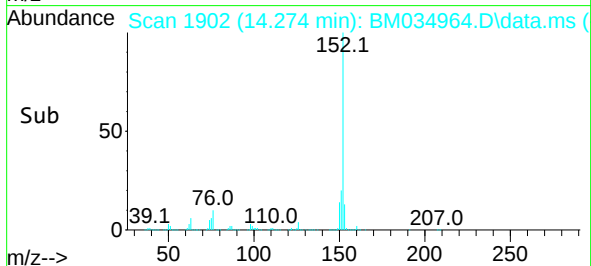
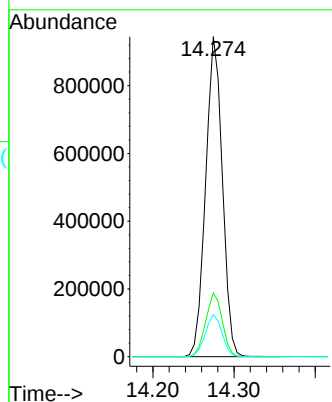
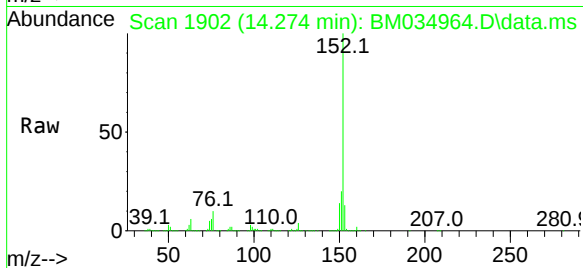
Tgt Ion:152 Resp: 1348117

Ion Ratio Lower Upper

152 100

151 19.9 15.3 22.9

153 13.1 10.2 15.4



#51

3-Nitroaniline

Concen: 21.241 ng/ul

RT: 14.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

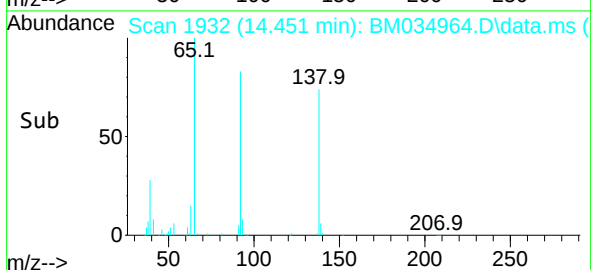
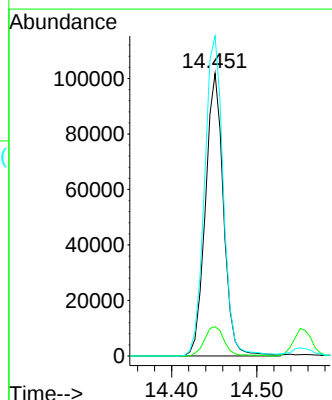
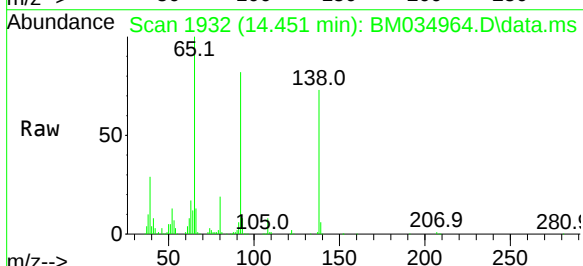
Tgt Ion:138 Resp: 150067

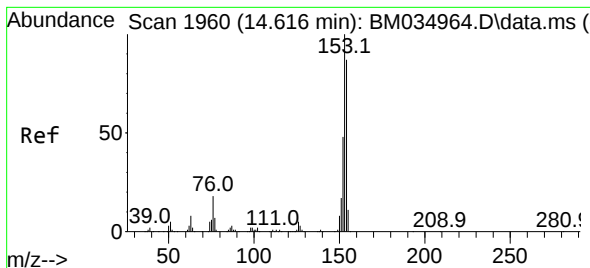
Ion Ratio Lower Upper

138 100

108 10.3 10.2 15.4

92 113.2 85.4 128.0

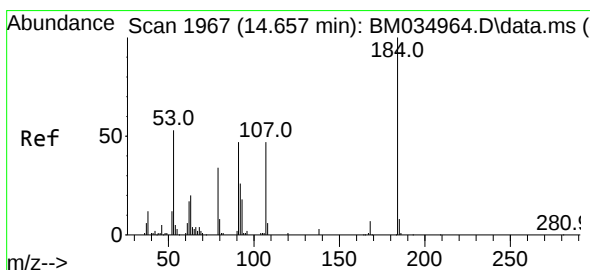
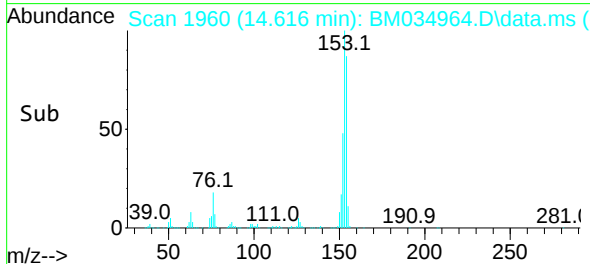
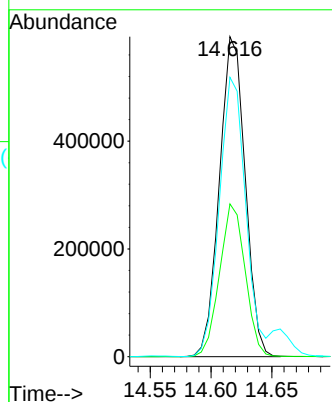
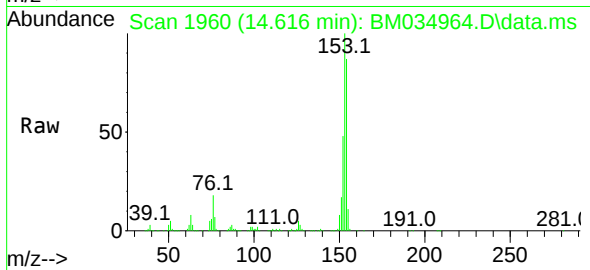




#52
Acenaphthene
Concen: 23.006 ng/ul
RT: 14.616 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

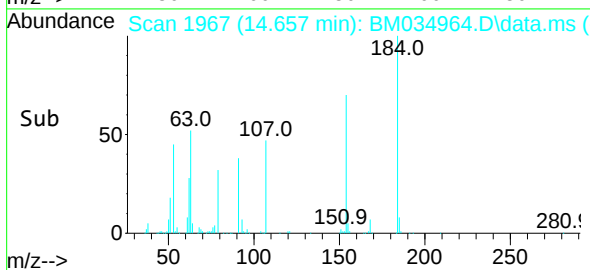
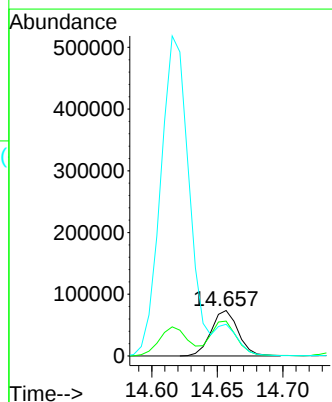
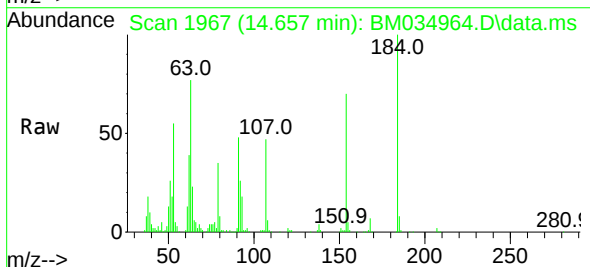
Instrument :
BNA_M
ClientSampleId :
SSTD020038

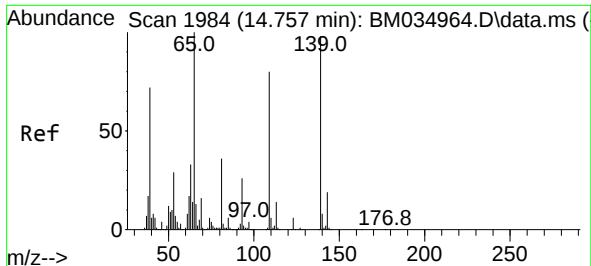
Tgt Ion:153 Resp: 876460
Ion Ratio Lower Upper
153 100
152 47.8 37.5 56.3
154 87.3 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 22.849 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:184 Resp: 105897
Ion Ratio Lower Upper
184 100
63 76.8 51.8 77.6
154 69.8 54.3 81.5

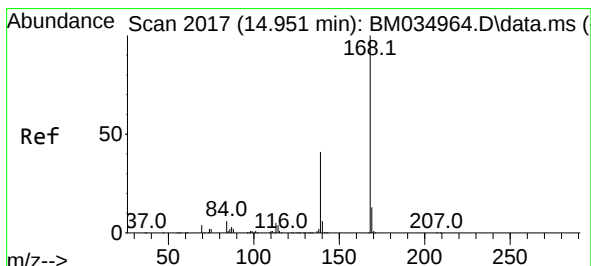
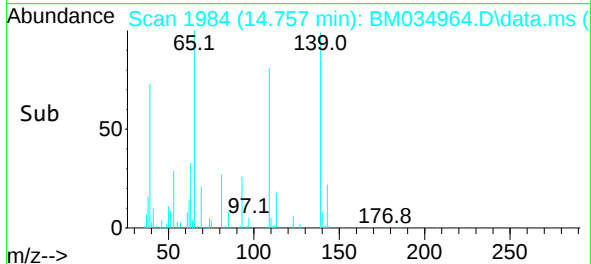
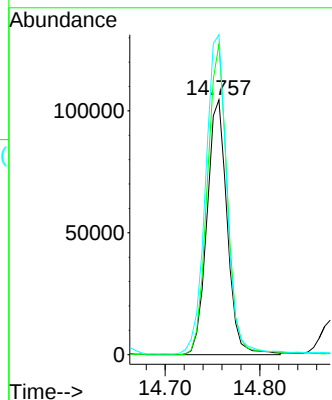
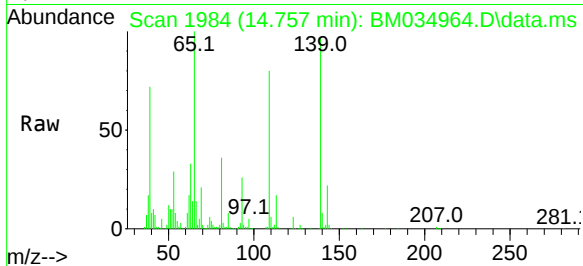




#55
4-Nitrophenol
Concen: 25.724 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

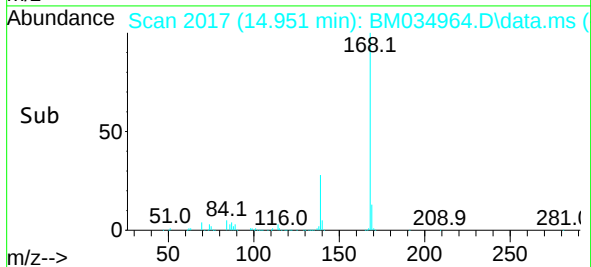
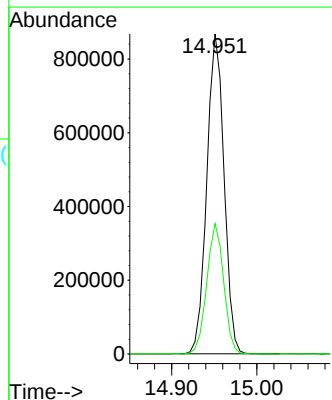
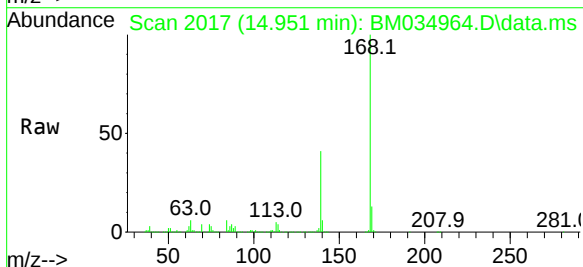
Instrument :
BNA_M
ClientSampleId :
SSTD020038

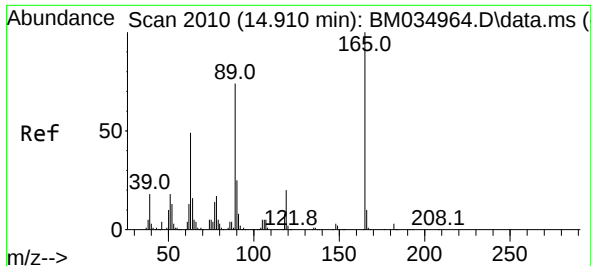
Tgt Ion:109 Resp: 154466
Ion Ratio Lower Upper
109 100
139 121.7 104.6 156.8
65 125.5 100.6 150.8



#56
Dibenzofuran
Concen: 22.468 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:168 Resp: 1217756
Ion Ratio Lower Upper
168 100
139 40.7 30.0 45.0

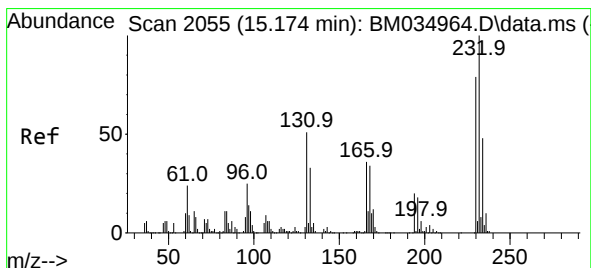
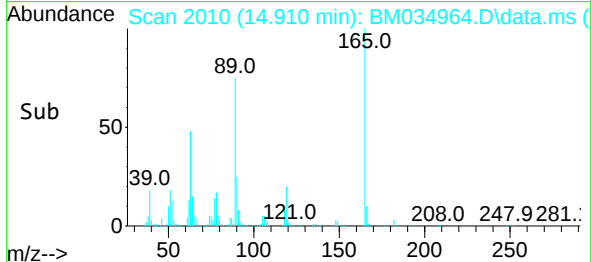
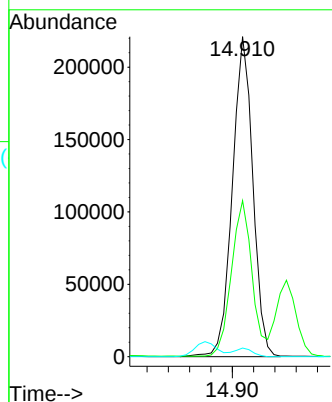
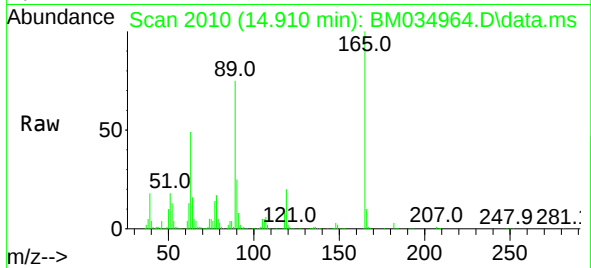




#57
2,4-Dinitrotoluene
Concen: 26.453 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

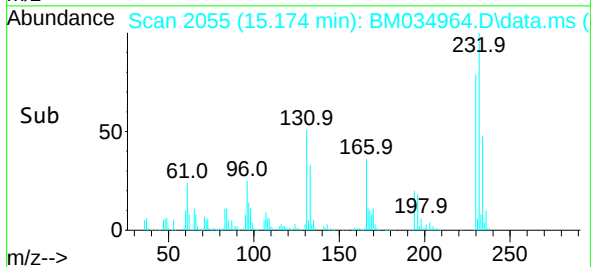
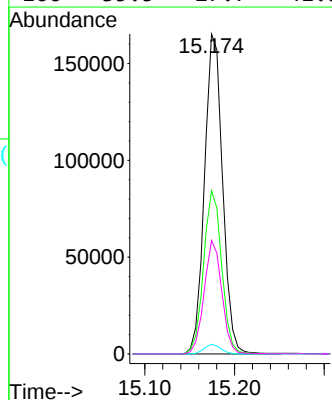
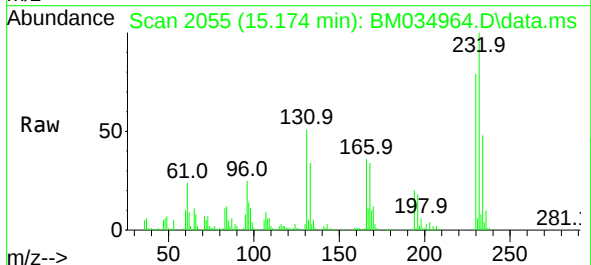
Instrument :
BNA_M
ClientSampleId :
SSTD020038

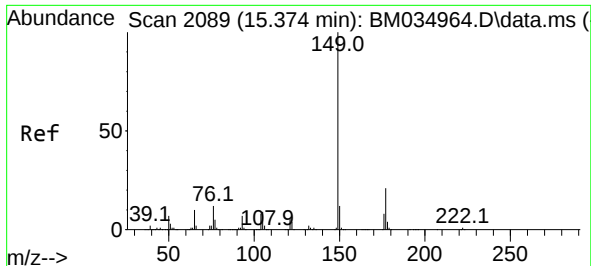
Tgt Ion:165 Resp: 295487
Ion Ratio Lower Upper
165 100
63 48.7 34.2 51.4
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.949 ng/ul
RT: 15.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:232 Resp: 231613
Ion Ratio Lower Upper
232 100
131 51.0 39.6 59.4
130 3.0 2.1 3.1
166 35.5 27.7 41.5

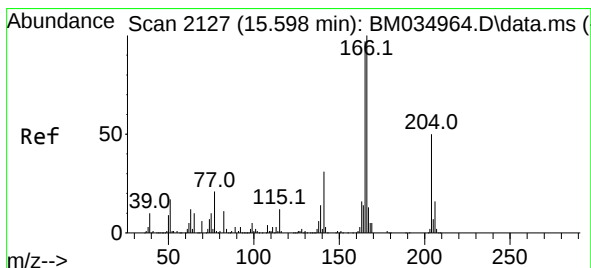
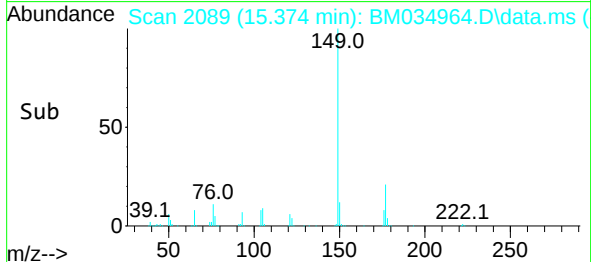
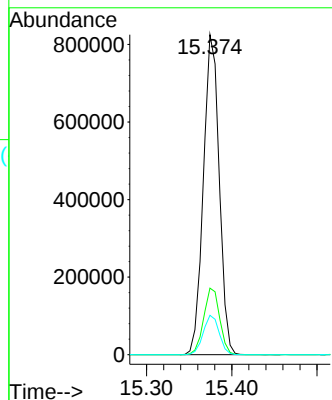
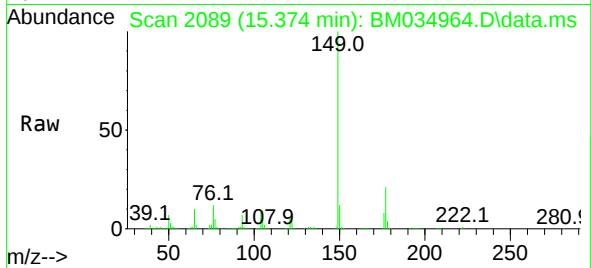




#59
Diethylphthalate
Concen: 24.614 ng/ul
RT: 15.374 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

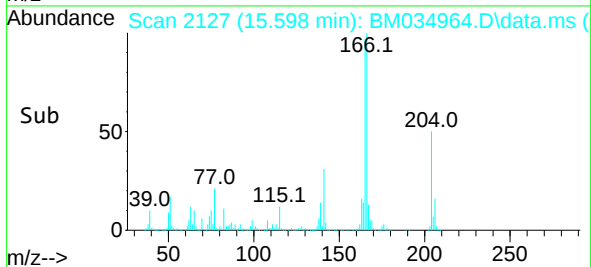
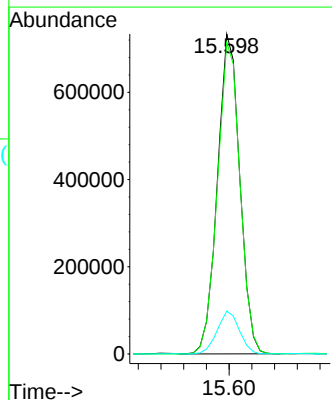
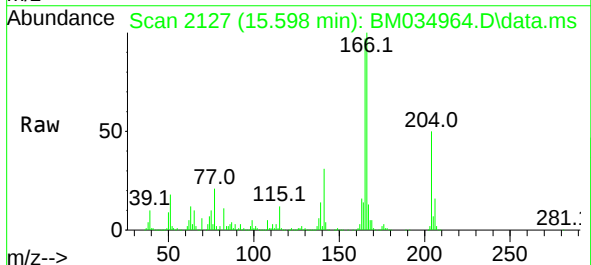
Instrument :
BNA_M
ClientSampleId :
SSTD020038

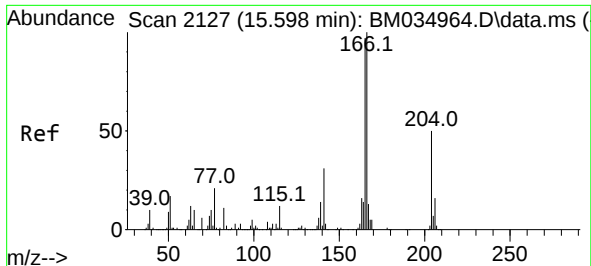
Tgt Ion:149 Resp: 1064773
Ion Ratio Lower Upper
149 100
177 20.8 17.2 25.8
150 12.3 9.8 14.6



#61
Fluorene
Concen: 22.954 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:166 Resp: 1001412
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.4 10.3 15.5

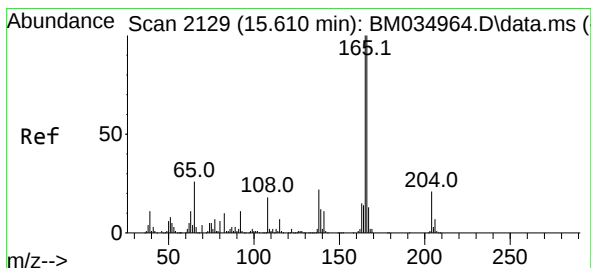
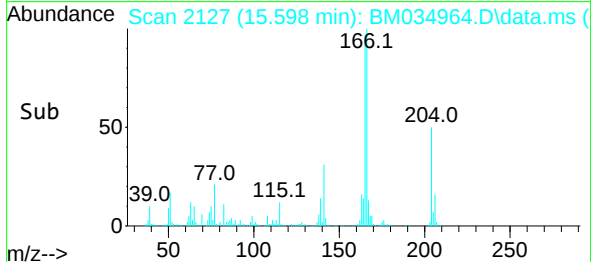
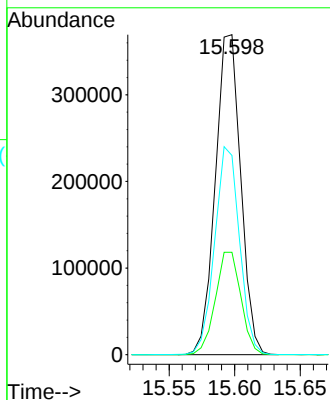
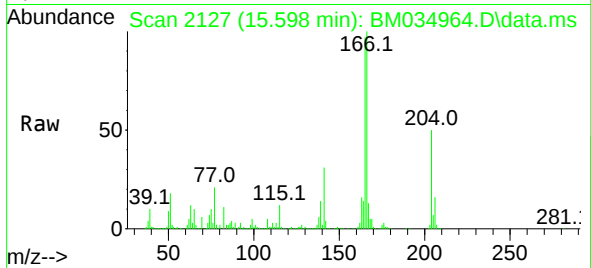




#62
4-Chlorophenyl-phenylether
Concen: 22.199 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

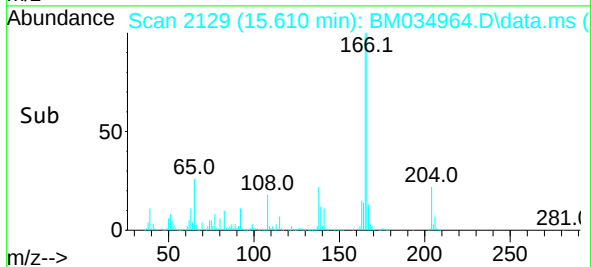
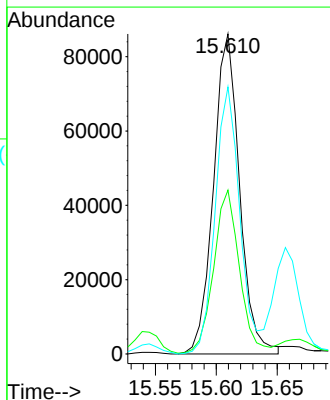
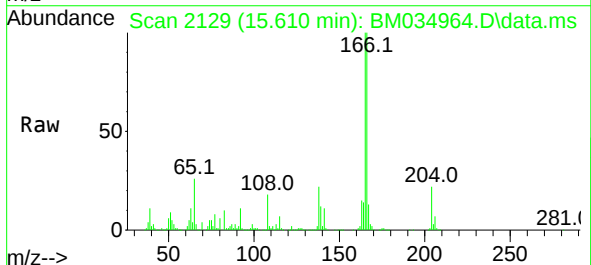
Instrument :
BNA_M
ClientSampleId :
SSTD020038

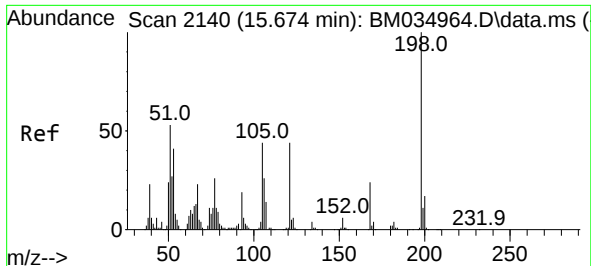
Tgt Ion:204 Resp: 498081
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.4
141 62.3 49.5 74.3



#63
4-Nitroaniline
Concen: 20.760 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:138 Resp: 128668
Ion Ratio Lower Upper
138 100
92 51.2 37.2 55.8
108 83.4 58.4 87.6

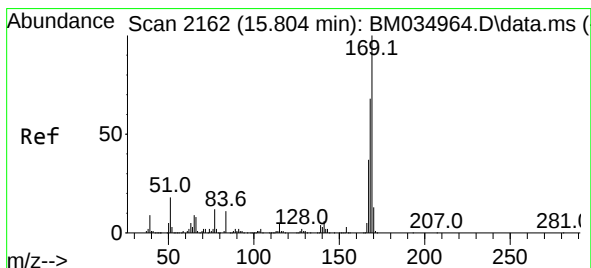
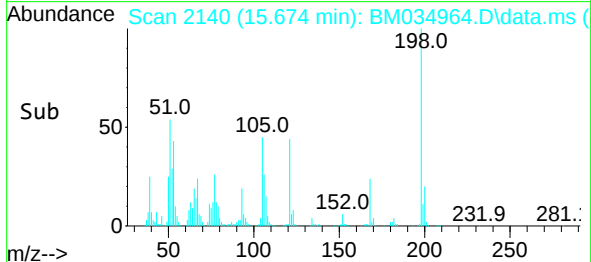
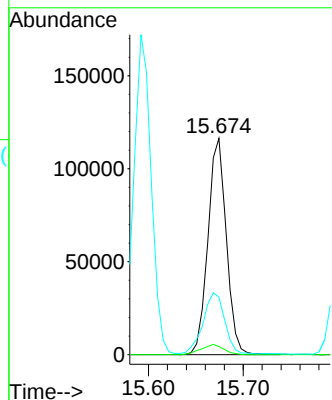
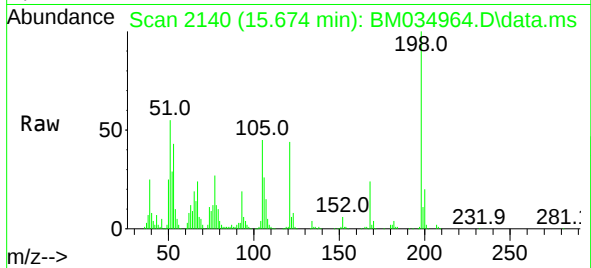




#66
 4,6-Dinitro-2-methylphenol
 Concen: 23.028 ng/ul
 RT: 15.674 min Scan# 2140
 Delta R.T. 0.000 min
 Lab File: BM034964.D
 Acq: 10 May 2022 15:02

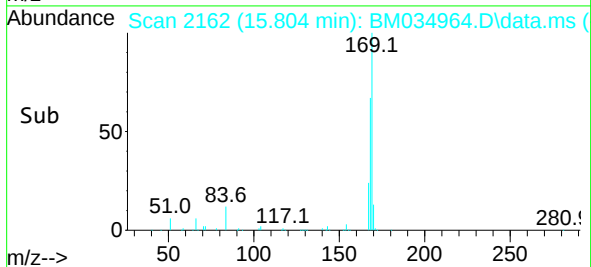
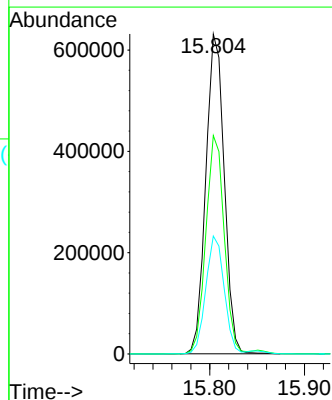
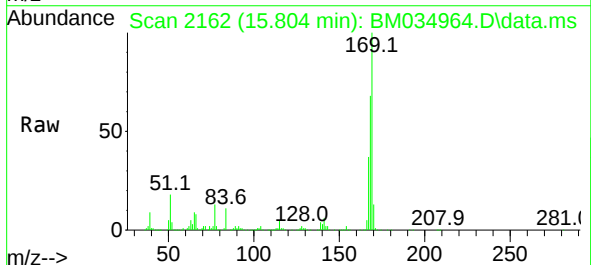
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020038

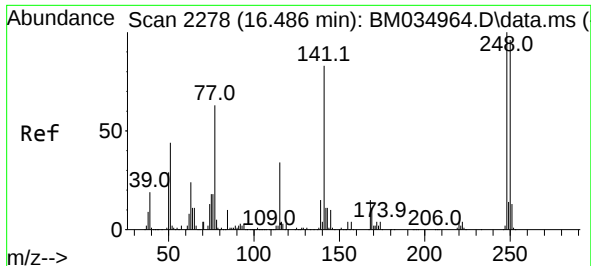
Tgt Ion:198 Resp: 157167
 Ion Ratio Lower Upper
 198 100
 182 3.8 4.6 6.8#
 77 26.6 22.2 33.2



#67
 N-Nitrosodiphenylamine
 Concen: 23.371 ng/ul
 RT: 15.804 min Scan# 2162
 Delta R.T. 0.000 min
 Lab File: BM034964.D
 Acq: 10 May 2022 15:02

Tgt Ion:169 Resp: 852589
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.8 82.2
 167 36.8 28.9 43.3

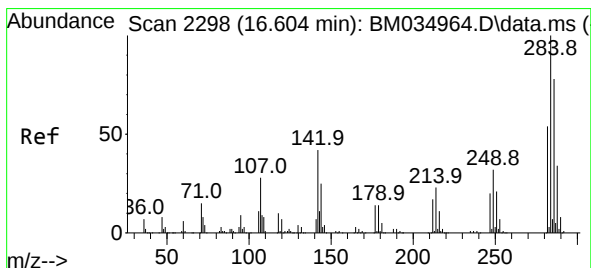
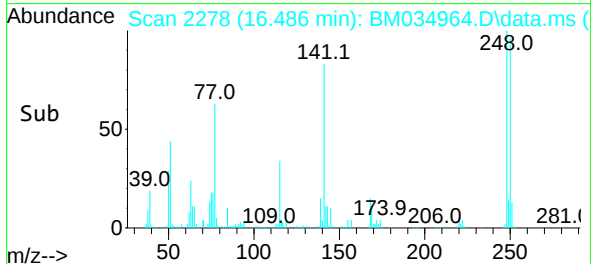
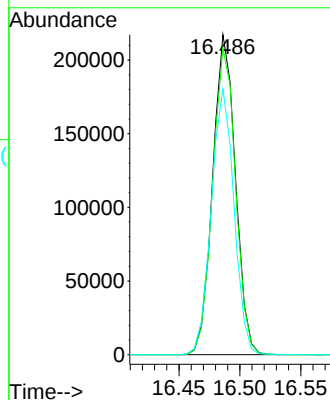
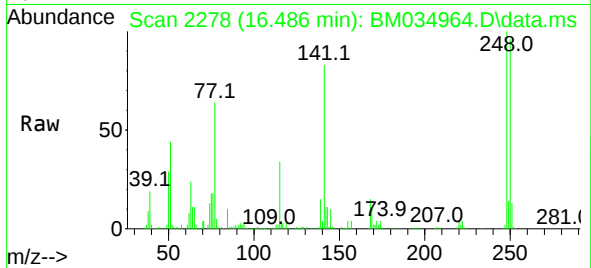




#68
4-Bromophenyl-phenylether
Concen: 21.567 ng/ul
RT: 16.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

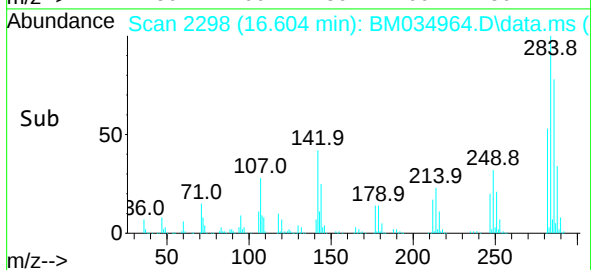
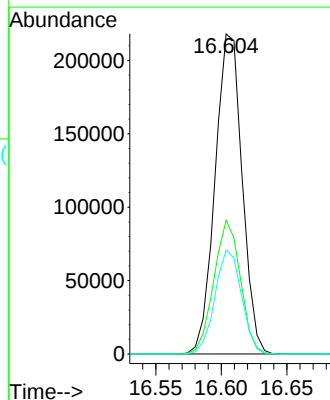
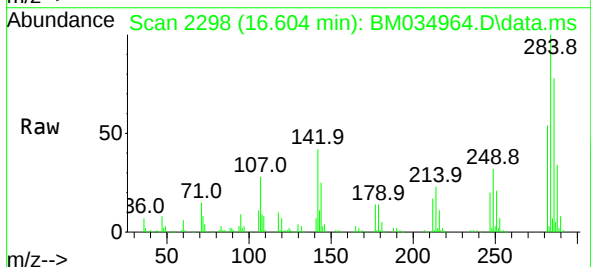
Instrument :
BNA_M
ClientSampleId :
SSTD020038

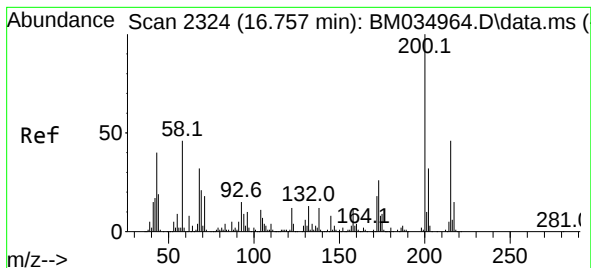
Tgt Ion:248 Resp: 281205
Ion Ratio Lower Upper
248 100
250 95.6 77.9 116.9
141 83.1 61.0 91.4



#69
Hexachlorobenzene
Concen: 20.972 ng/ul
RT: 16.604 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:284 Resp: 312443
Ion Ratio Lower Upper
284 100
142 41.7 31.2 46.8
249 32.5 25.9 38.9





#70

Atrazine

Concen: 21.824 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

Instrument :

BNA_M

ClientSampleId :

SSTD020038

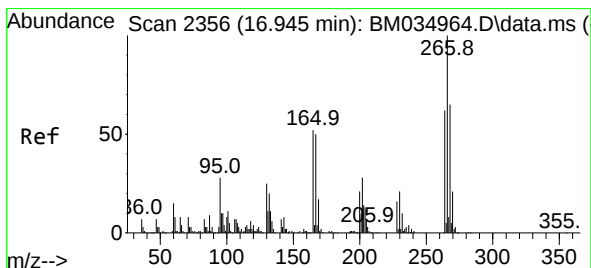
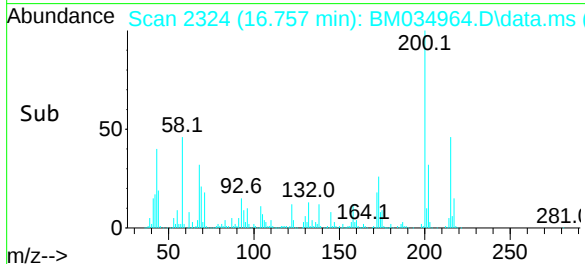
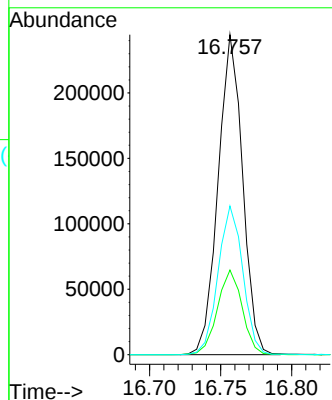
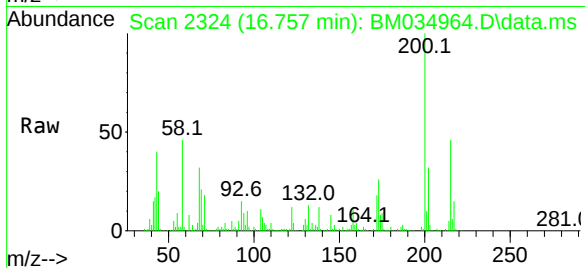
Tgt Ion:200 Resp: 292804

Ion Ratio Lower Upper

200 100

173 26.5 21.3 31.9

215 46.5 37.1 55.7



#71

Pentachlorophenol

Concen: 18.965 ng/ul

RT: 16.945 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

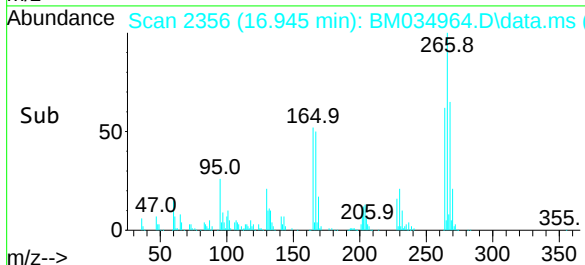
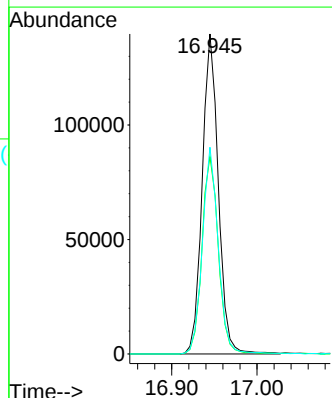
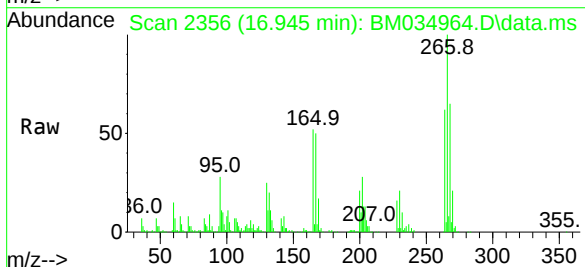
Tgt Ion:266 Resp: 183462

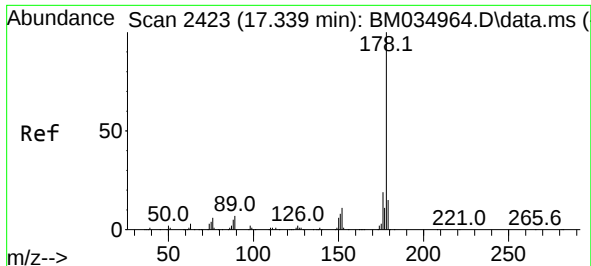
Ion Ratio Lower Upper

266 100

264 61.7 48.4 72.6

268 64.6 50.6 76.0

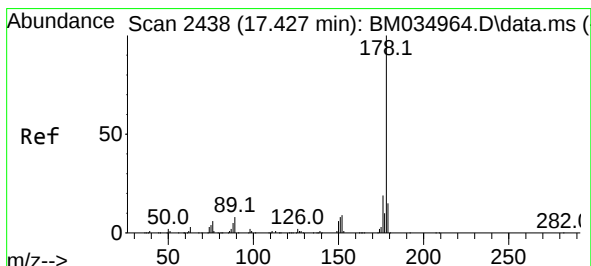
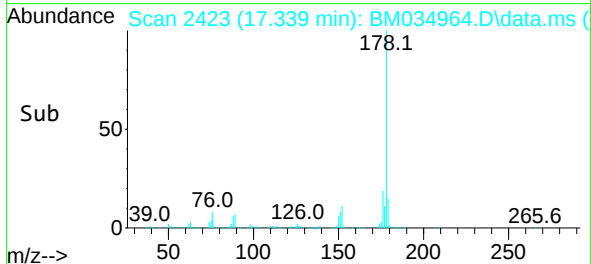
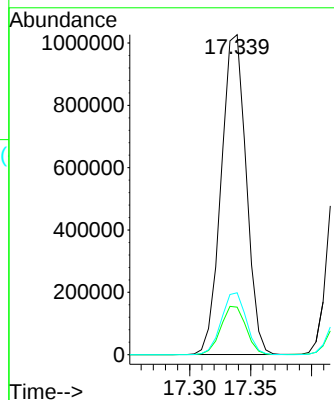
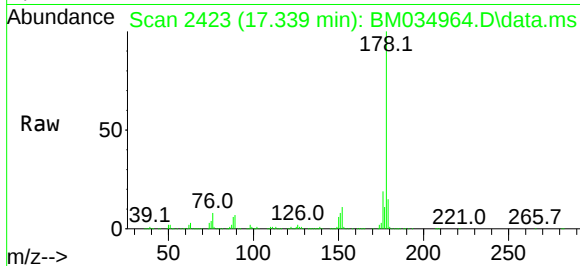




#72
Phenanthrene
Concen: 22.455 ng/u1
RT: 17.339 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

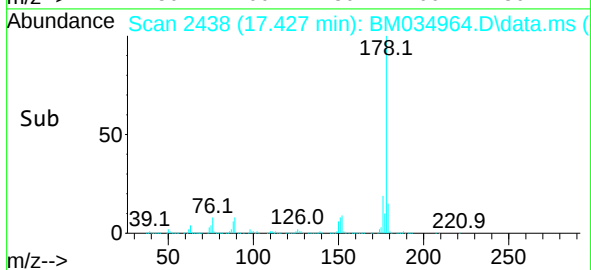
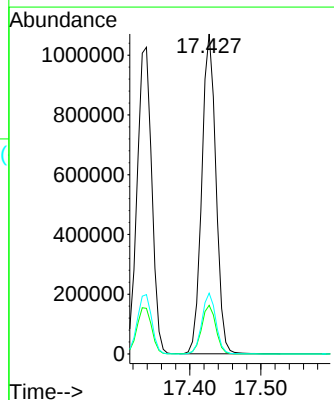
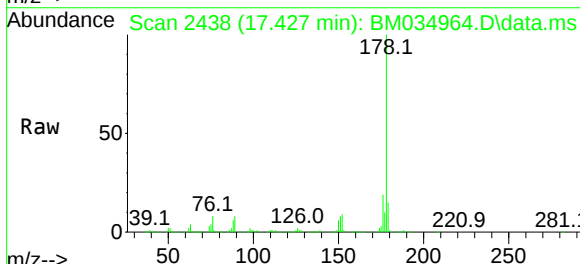
Instrument :
BNA_M
ClientSampleId :
SSTD020038

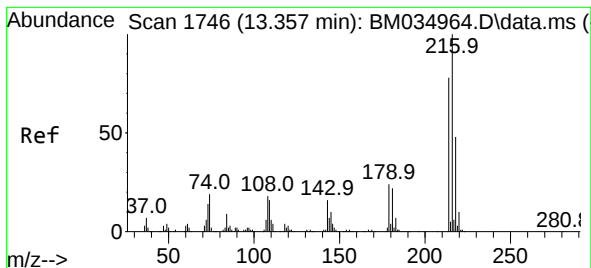
Tgt Ion:178 Resp: 1464386
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.4
176 19.4 15.0 22.6



#74
Anthracene
Concen: 22.407 ng/u1
RT: 17.427 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:178 Resp: 1485825
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.0 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.219 ng/uL

RT: 13.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

Instrument :

BNA_M

ClientSampleId :

SSTD020038

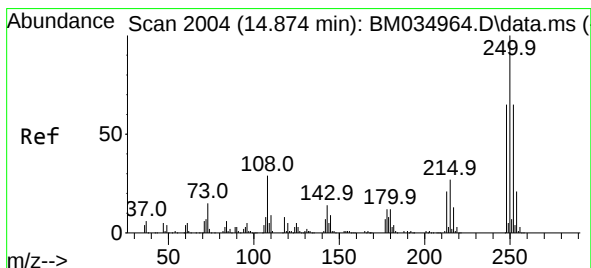
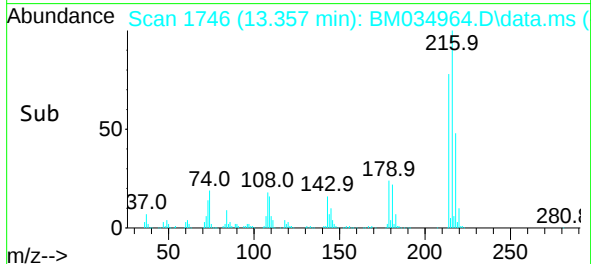
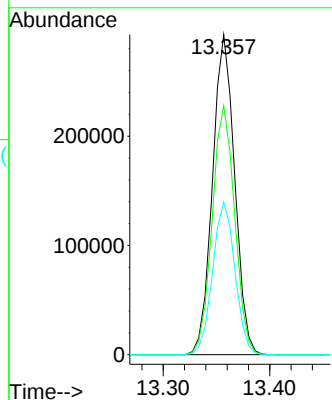
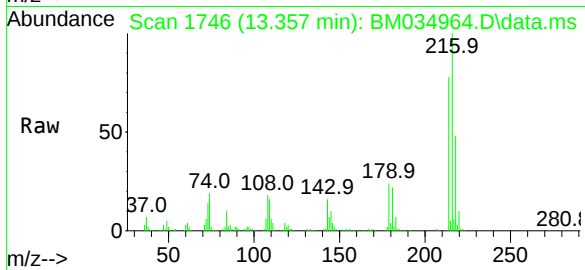
Tgt Ion:216 Resp: 423704

Ion Ratio Lower Upper

216 100

214 77.8 62.6 94.0

218 47.6 37.1 55.7



#76

Pentachlorobenzene

Concen: 21.155 ng/uL

RT: 14.874 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

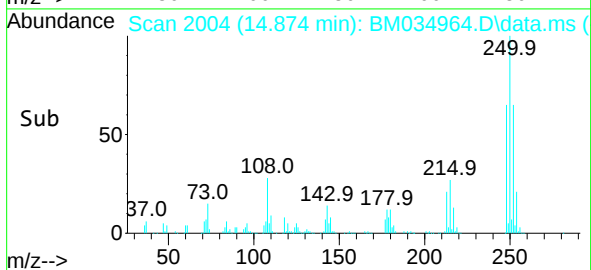
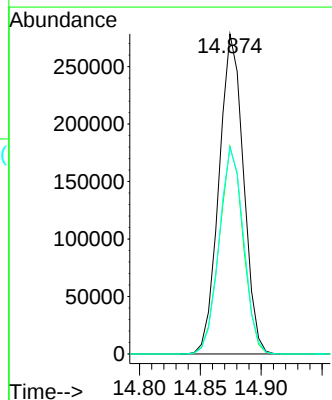
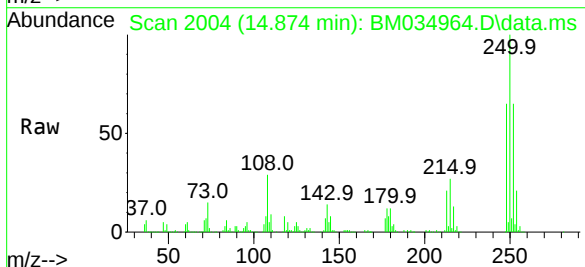
Tgt Ion:250 Resp: 389389

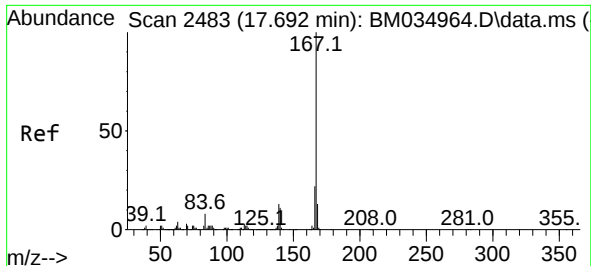
Ion Ratio Lower Upper

250 100

248 64.9 49.9 74.9

252 64.5 51.5 77.3

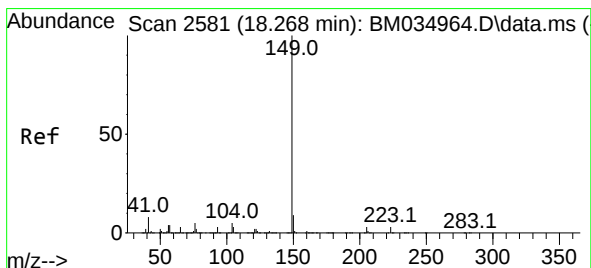
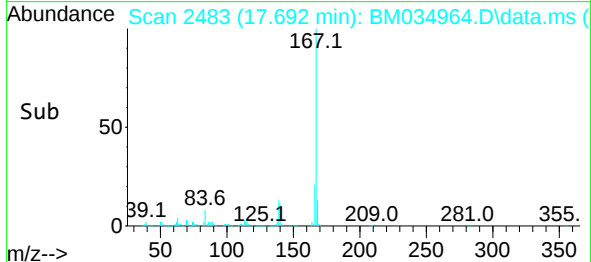
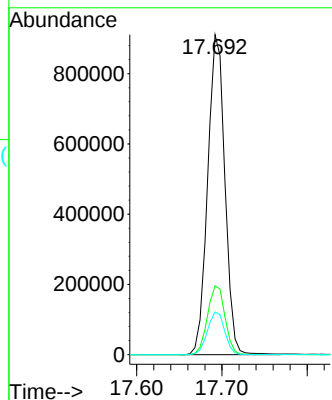
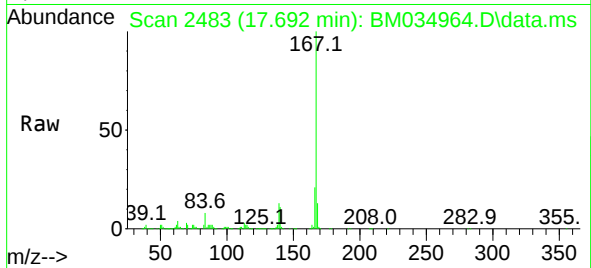




#77
 Carbazole
 Concen: 22.051 ng/ul
 RT: 17.692 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BM034964.D
 Acq: 10 May 2022 15:02

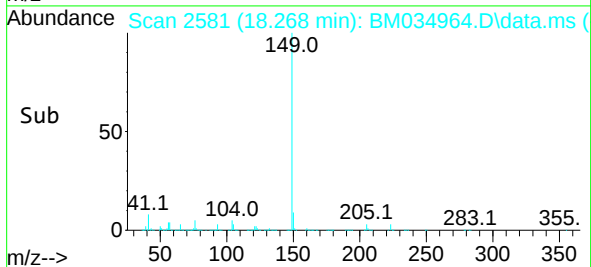
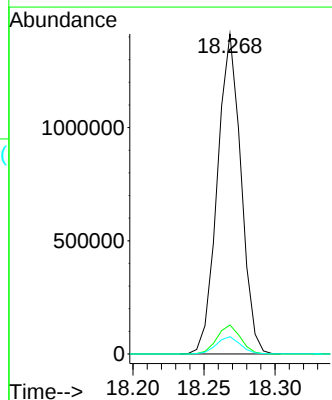
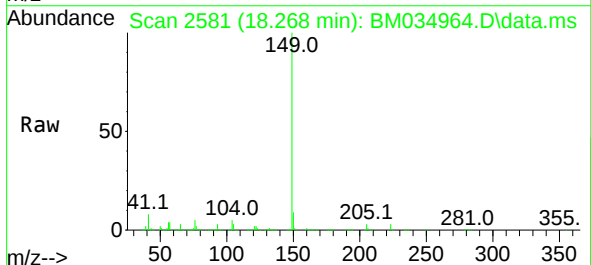
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020038

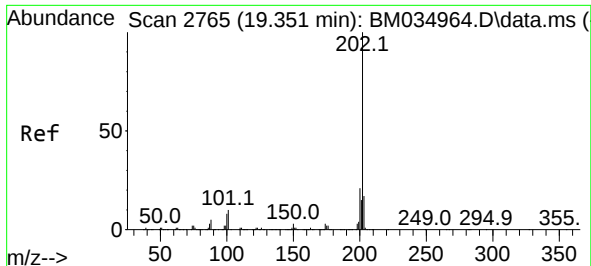
Tgt Ion:167 Resp: 1277716
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.3 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 24.701 ng/ul
 RT: 18.268 min Scan# 2581
 Delta R.T. 0.000 min
 Lab File: BM034964.D
 Acq: 10 May 2022 15:02

Tgt Ion:149 Resp: 1633742
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.4 4.1 6.1

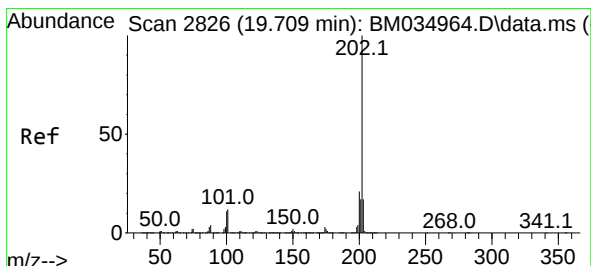
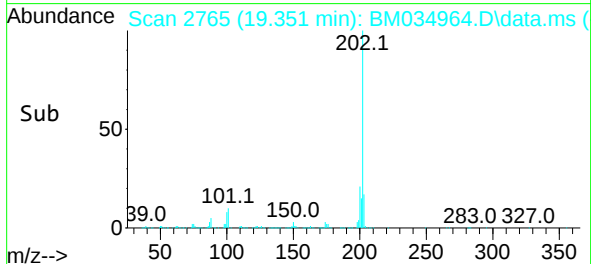
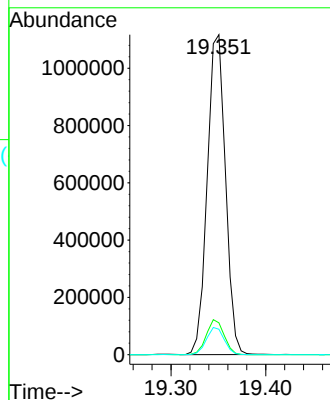
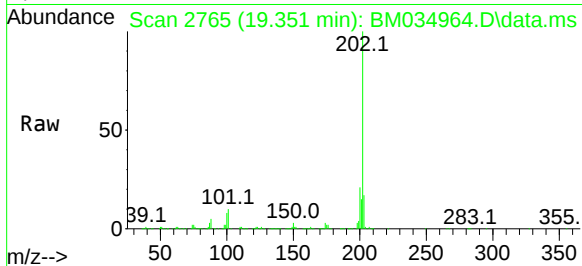




#80
 Fluoranthene
 Concen: 26.577 ng/u1
 RT: 19.351 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM034964.D
 Acq: 10 May 2022 15:02

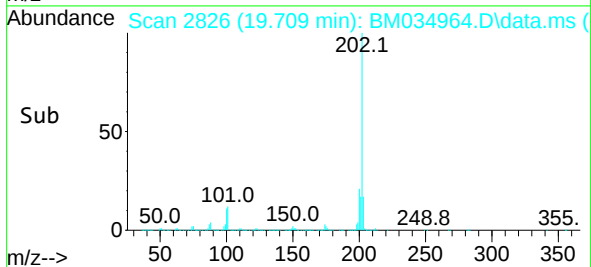
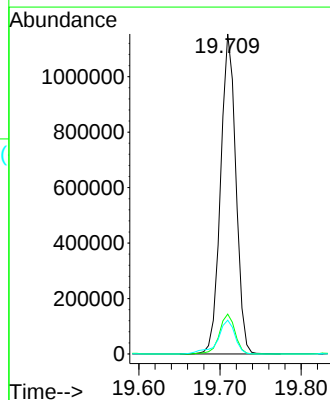
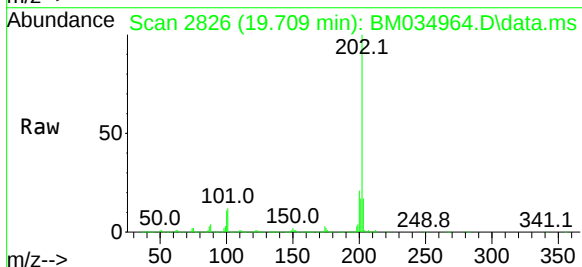
Instrument :
 BNA_M
 ClientSampleId :
 SST020038

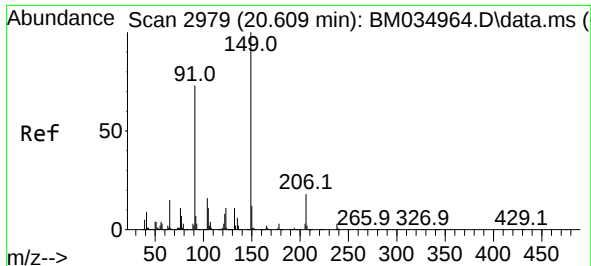
Tgt Ion:202 Resp: 1492309
 Ion Ratio Lower Upper
 202 100
 101 10.0 7.4 11.2
 100 7.9 5.8 8.6



#82
 Pyrene
 Concen: 26.213 ng/u1
 RT: 19.709 min Scan# 2826
 Delta R.T. 0.000 min
 Lab File: BM034964.D
 Acq: 10 May 2022 15:02

Tgt Ion:202 Resp: 1515911
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.4 14.0
 100 10.6 7.8 11.6

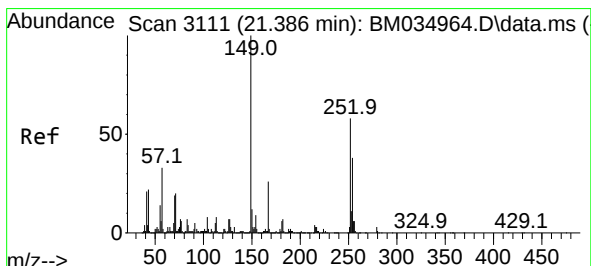
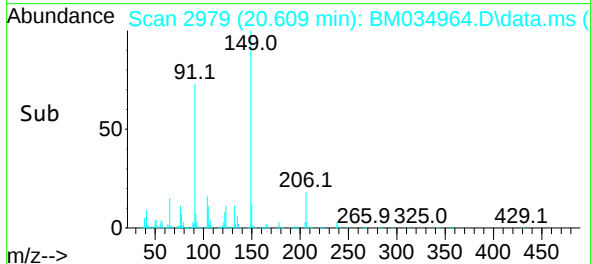
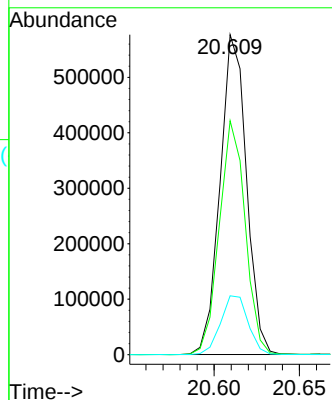
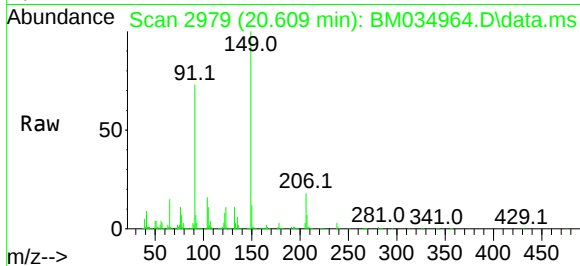




#83
Butylbenzylphthalate
Concen: 30.657 ng/ul
RT: 20.609 min Scan# 2979
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

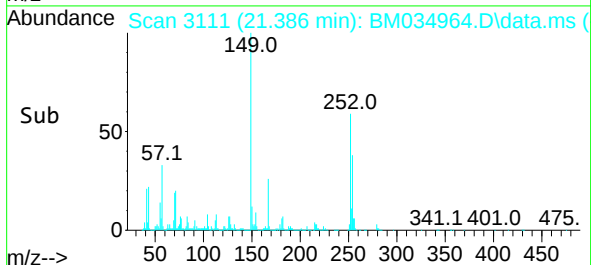
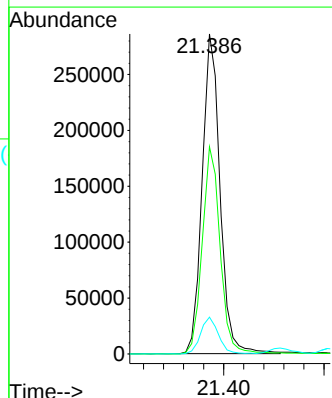
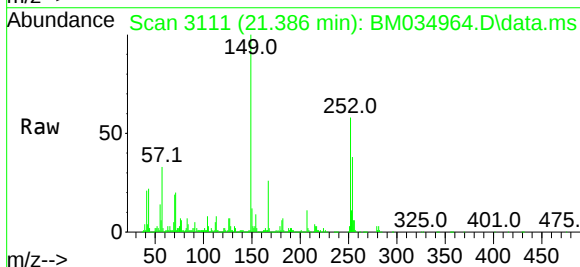
Instrument :
BNA_M
ClientSampleId :
SSTD020038

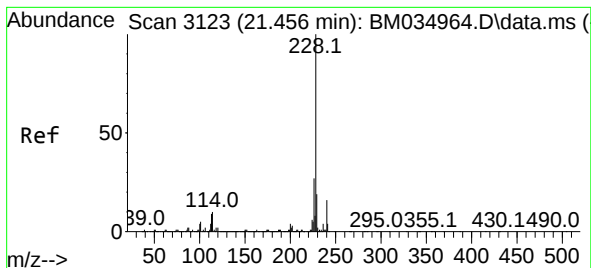
Tgt Ion:149 Resp: 621380
Ion Ratio Lower Upper
149 100
91 73.1 54.3 81.5
206 18.4 15.8 23.6



#84
3,3'-Dichlorobenzidine
Concen: 19.584 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:252 Resp: 354516
Ion Ratio Lower Upper
252 100
254 64.8 51.0 76.4
126 11.5 9.0 13.6





#85

Benzo(a)anthracene

Concen: 23.190 ng/ul

RT: 21.456 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

Instrument :

BNA_M

ClientSampleId :

SSTD020038

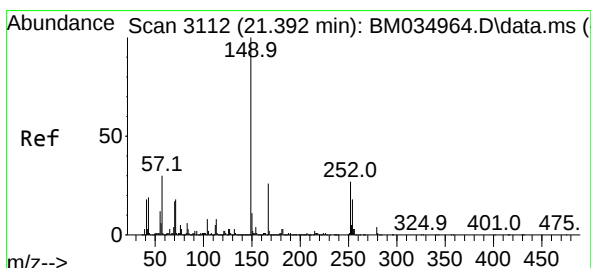
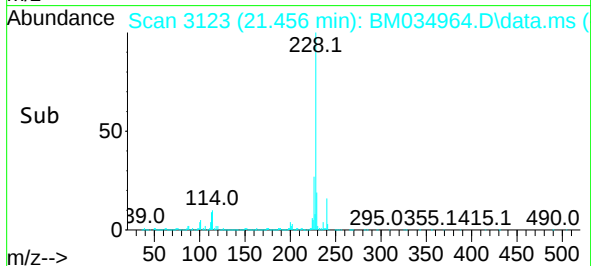
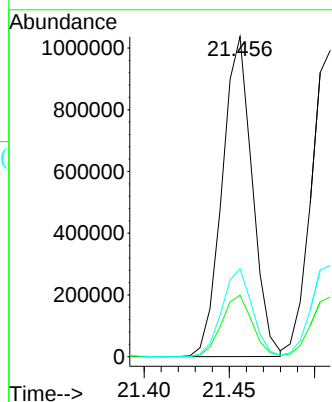
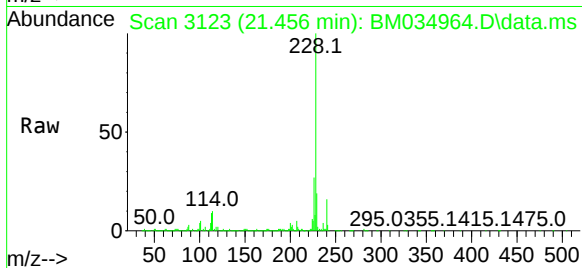
Tgt Ion:228 Resp: 1272355

Ion Ratio Lower Upper

228 100

229 19.2 15.4 23.0

226 27.4 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 28.531 ng/ul

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

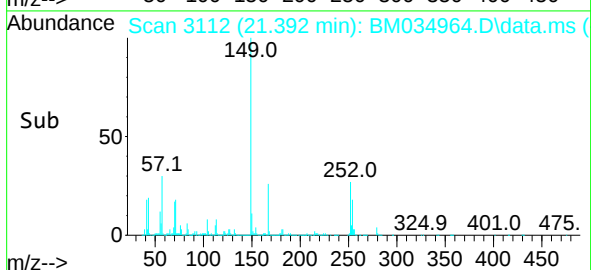
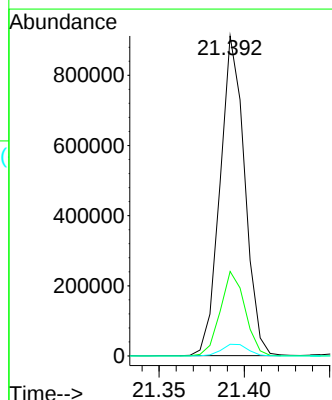
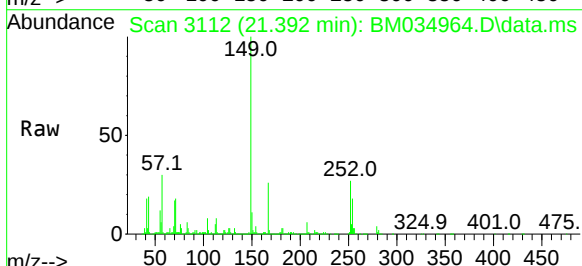
Tgt Ion:149 Resp: 916865

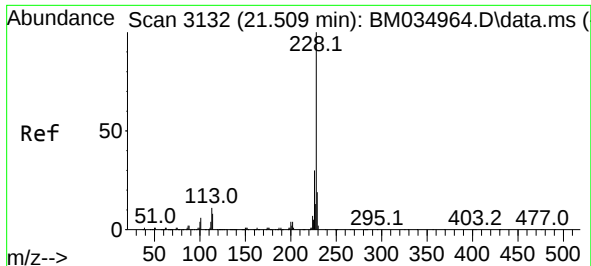
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 3.7 3.4 5.2

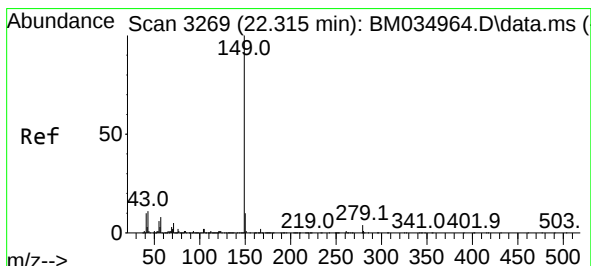
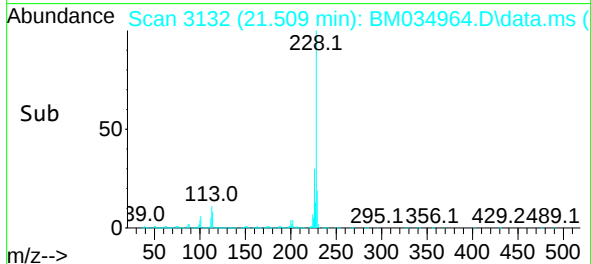
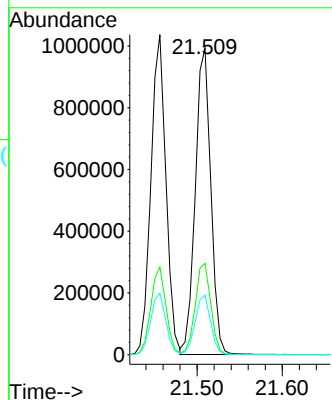
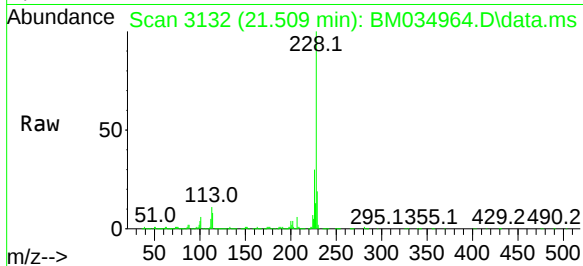




#87
Chrysene
Concen: 23.223 ng/ul
RT: 21.509 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

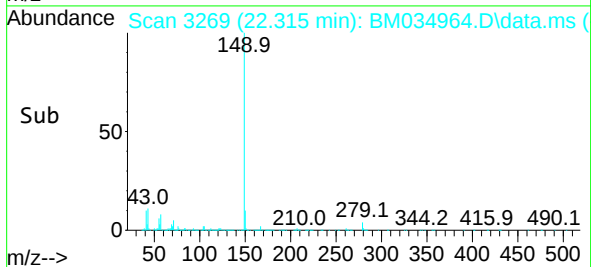
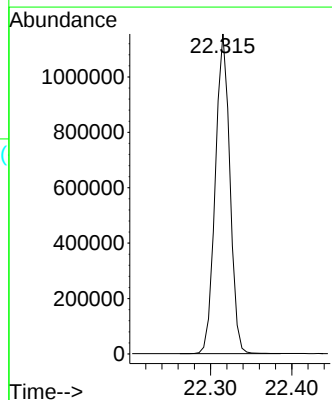
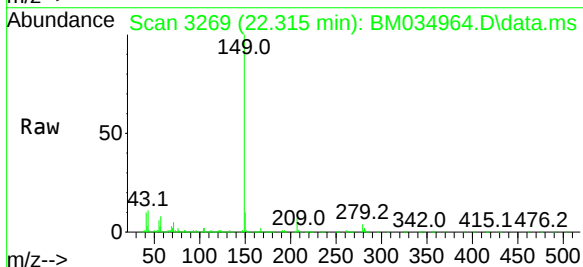
Instrument :
BNA_M
ClientSampleId :
SSTD020038

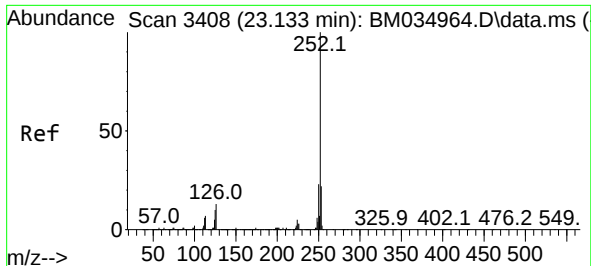
Tgt Ion:228 Resp: 1252830
Ion Ratio Lower Upper
228 100
226 29.8 23.7 35.5
229 19.5 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 31.745 ng/ul
RT: 22.315 min Scan# 3269
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:149 Resp: 1437276

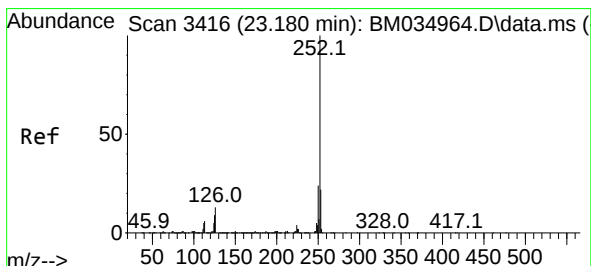
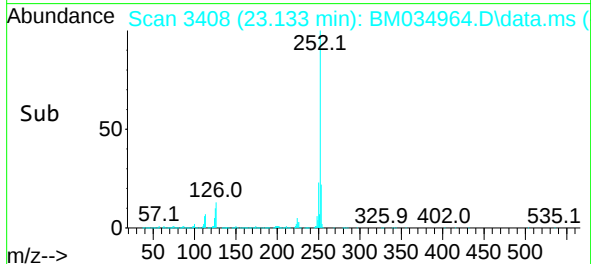
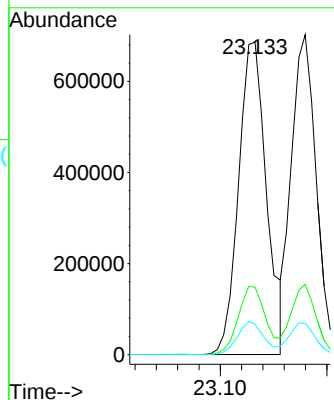
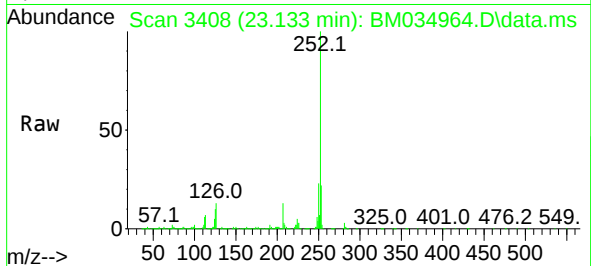




#90
Benzo(b)fluoranthene
Concen: 25.689 ng/u1
RT: 23.133 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

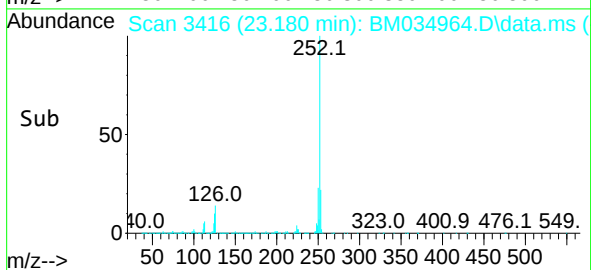
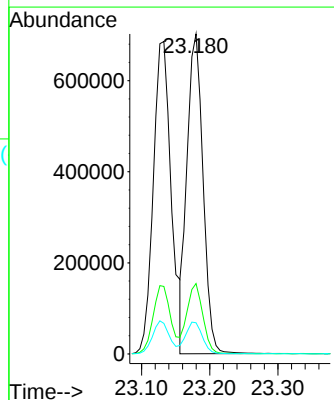
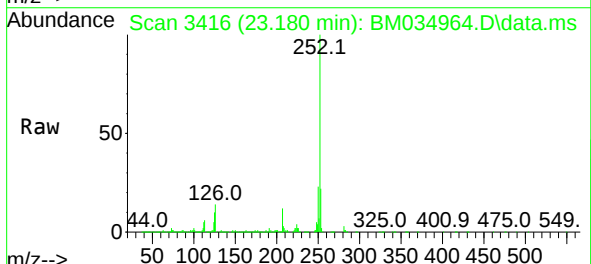
Instrument :
BNA_M
ClientSampleId :
SSTD020038

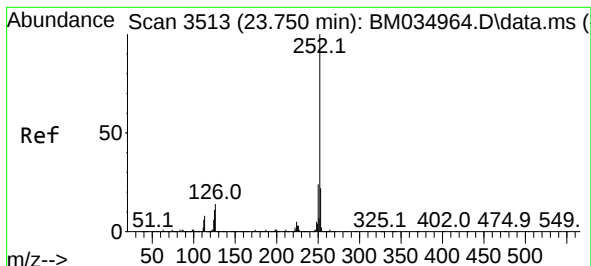
Tgt Ion:252 Resp: 1254087
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.8 7.6 11.4



#91
Benzo(k)fluoranthene
Concen: 24.571 ng/u1
RT: 23.180 min Scan# 3416
Delta R.T. 0.000 min
Lab File: BM034964.D
Acq: 10 May 2022 15:02

Tgt Ion:252 Resp: 1138799
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.7 7.8 11.6





#93

Benzo(a)pyrene

Concen: 24.049 ng/ul

RT: 23.750 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

Instrument :

BNA_M

ClientSampleId :

SSTD020038

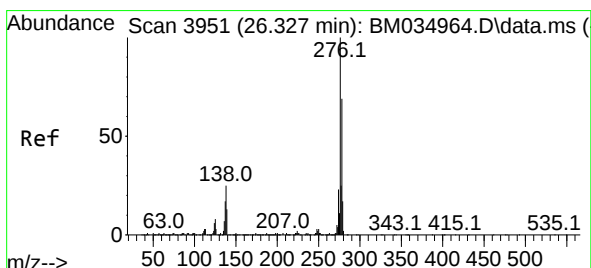
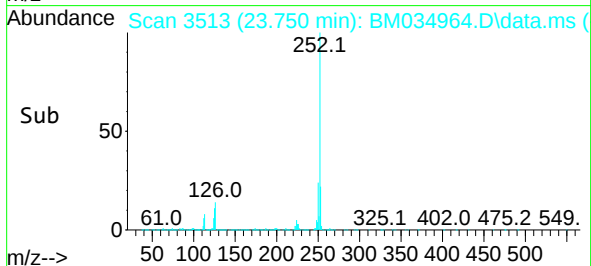
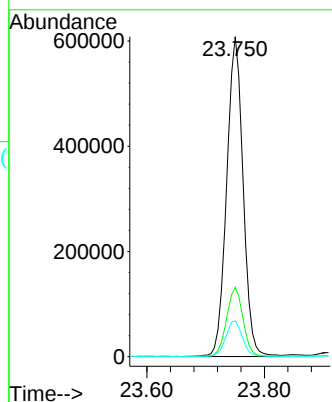
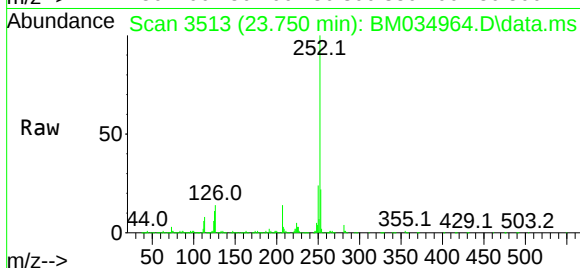
Tgt Ion:252 Resp: 1176898

Ion Ratio Lower Upper

252 100

253 21.7 16.6 25.0

125 11.2 6.2 9.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.655 ng/ul

RT: 26.327 min Scan# 3951

Delta R.T. 0.000 min

Lab File: BM034964.D

Acq: 10 May 2022 15:02

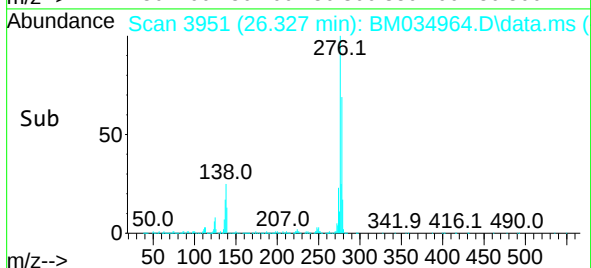
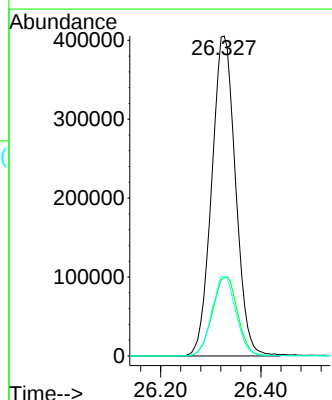
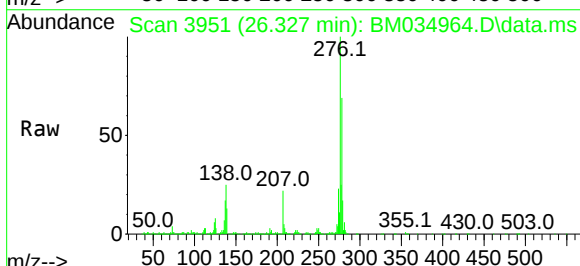
Tgt Ion:276 Resp: 1337994

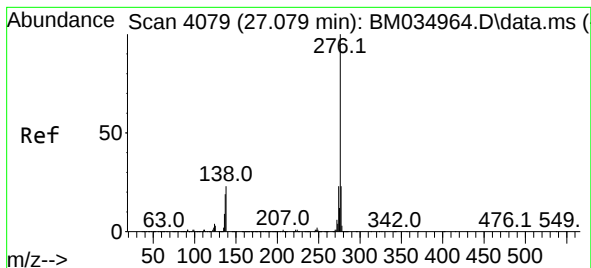
Ion Ratio Lower Upper

276 100

138 24.6 15.3 22.9#

277 24.6 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 22.032 ng/ul

RT: 27.079 min Scan# 4079

Delta R.T. 0.000 min

Lab File: BM034964.D

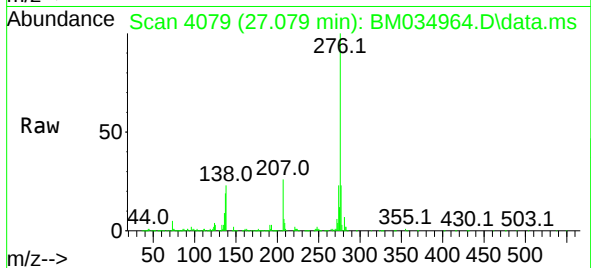
Acq: 10 May 2022 15:02

Instrument :

BNA_M

ClientSampleId :

SSTD020038



Tgt Ion:276 Resp: 1100254

Ion Ratio Lower Upper

276 100

138 22.9 13.0 19.6#

277 23.2 18.6 28.0

