

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030177.D
 Acq On : 26 May 2021 20:00
 Operator : CG/JU
 Sample : M2495-09MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB439MSD

Quant Time: May 27 02:40:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 26 15:30:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	253338	20.00	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1097942	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	716200	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1412636	20.00	ng/ul	0.00
79) Chrysene-d12	21.392	240	1148530	20.00	ng/ul	0.00
88) Perylene-d12	23.686	264	1040909	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	20918	3.38	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	7.034	99	136966	6.15	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	416962	29.66	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	426323	25.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	271762	15.37	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	268058	37.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	267770	39.23	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	555863	31.56	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	34978	1.34	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1979011	36.14	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	2399391	34.00	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	64900	7.33	ng/ul	0.00
60) Fluorene-d10	15.492	176	1703751	35.65	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	281593	41.12	ng/ul	0.00
73) Anthracene-d10	17.333	188	2599791	37.18	ng/ul	0.00
81) Pyrene-d10	19.615	212	2641253	42.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.544	264	2174955	36.86	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	19040	2.86	ng/uL	97
6) Benzaldehyde	7.022	77	488614	41.11	ng/ul	98
8) Phenol	7.057	94	166243	7.35	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.298	93	560329	30.85	ng/ul	97
12) 2-Chlorophenol	7.440	128	447474	26.19	ng/ul	99
13) 2-Methylphenol	8.310	108	325993	19.05	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.404	45	947676	31.40	ng/ul	99
16) Acetophenone	8.698	105	923492	32.31	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.687	70	494972	32.82	ng/ul	99
18) 4-Methylphenol	8.640	108	303517	16.47	ng/ul	98
19) Hexachloroethane	8.957	117	229955	31.43	ng/ul	96
22) Nitrobenzene	9.075	77	677796	34.94	ng/ul	98
23) Isophorone	9.604	82	1330287	32.52	ng/ul	99
25) 2-Nitrophenol	9.787	139	305043	39.58	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	559178	27.27	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	821830	32.78	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	551826	32.47	ng/ul	99
30) Naphthalene	10.722	128	1955074	32.46	ng/ul	99
32) 4-Chloroaniline	10.828	127	47253	1.75	ng/ul	99
33) Hexachlorobutadiene	11.010	225	377571	32.60	ng/ul	99
34) Caprolactam	11.616	113	8967	1.73	ng/ul	95
35) 4-Chloro-3-methylphenol	11.939	107	519318	29.15	ng/ul	97
36) 2-Methylnaphthalene	12.328	142	1483291	32.93	ng/ul	98
37) 1-Methylnaphthalene	12.545	142	1430765	32.67	ng/ul	99

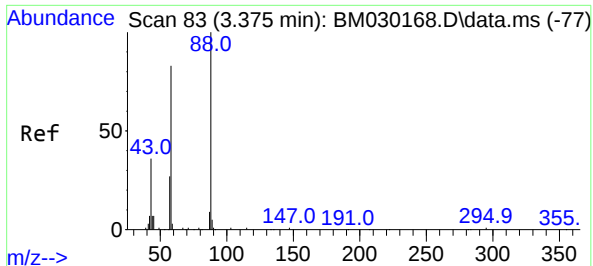
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.698	216	797621	34.32	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	481342	29.56	ng/ul	100
41) 2,4,6-Trichlorophenol	12.933	196	500231	38.35	ng/ul	96
42) 2,4,5-Trichlorophenol	12.998	196	539065	38.20	ng/ul	100
43) 1,1'-Biphenyl	13.339	154	1939044	33.95	ng/ul	100
44) 2-Chloronaphthalene	13.380	162	1493933	34.02	ng/ul	99
45) 2-Nitroaniline	13.575	65	408982	40.55	ng/ul	94
47) Dimethylphthalate	13.957	163	2124684	39.28	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	389006	45.13	ng/ul	92
50) Acenaphthylene	14.222	152	2348898	34.46	ng/ul	100
51) 3-Nitroaniline	14.398	138	176015	17.52	ng/ul#	95
52) Acenaphthene	14.563	153	1667267	34.63	ng/ul	98
53) 2,4-Dinitrophenol	14.604	184	186667	34.49	ng/ul	99
55) 4-Nitrophenol	14.692	109	52483	5.40	ng/ul	100
56) Dibenzoofuran	14.898	168	2352953	35.31	ng/ul	100
57) 2,4-Dinitrotoluene	14.857	165	548002	43.84	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.122	232	497003	41.71	ng/ul	100
59) Diethylphthalate	15.316	149	2047366	37.37	ng/ul	99
61) Fluorene	15.545	166	2039919	36.08	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	1004602	36.24	ng/ul	100
63) 4-Nitroaniline	15.557	138	331546	32.09	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.616	198	291968	41.33	ng/ul	98
67) N-Nitrosodiphenylamine	15.751	169	1796684	38.99	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	626794	39.42	ng/ul	98
69) Hexachlorobenzene	16.545	284	705492	38.82	ng/ul	99
70) Atrazine	16.698	200	602424	36.45	ng/ul	100
71) Pentachlorophenol	16.880	266	391938	35.31	ng/ul	100
72) Phenanthrene	17.280	178	3108614	37.55	ng/ul	99
74) Anthracene	17.368	178	3186346	37.52	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	751199	32.59	ng/uL	97
76) Pentachlorobenzene	14.822	250	788184	36.87	ng/uL	99
77) Carbazole	17.633	167	2831232	36.79	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3315206	38.79	ng/ul	100
80) Fluoranthene	19.280	202	3371252	44.80	ng/ul	100
82) Pyrene	19.645	202	3429883	43.61	ng/ul	100
83) Butylbenzylphthalate	20.533	149	1214645	45.24	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.309	252	963729	39.63	ng/ul	99
85) Benzo(a)anthracene	21.380	228	2954808	39.05	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.303	149	1805969	41.92	ng/ul	99
87) Chrysene	21.427	228	2850584	38.70	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	2749918	41.09	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	2729562	39.13	ng/ul	99
91) Benzo(k)fluoranthene	23.039	252	2763982	40.18	ng/ul	100
93) Benzo(a)pyrene	23.592	252	2430129	39.47	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.033	276	3086517	40.02	ng/ul	100
95) Dibenzo(a,h)anthracene	26.038	278	2600741	40.34	ng/ul	99
96) Benzo(g,h,i)perylene	26.750	276	2515888	39.93	ng/ul	99

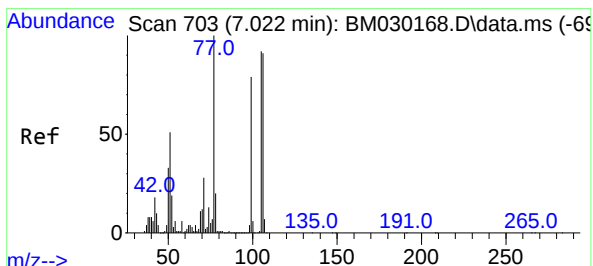
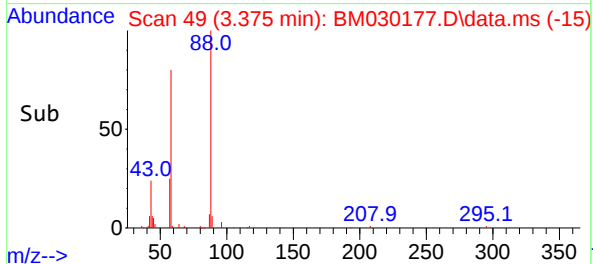
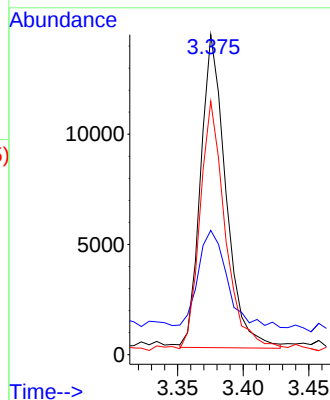
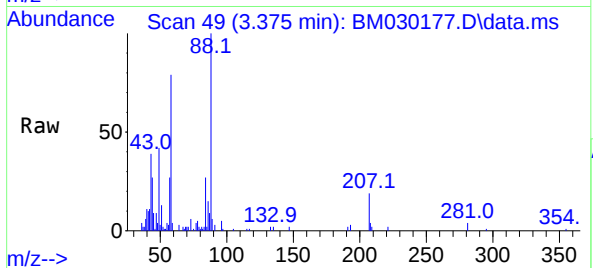
(#) = qualifier out of range (m) = manual integration (+) = signals summed



1,4-Dioxane
Concen: 2.86 ng/uL
RT: 3.375 min Scan# 49
Delta R.T. 0.001 min
Lab File: BM030177.D
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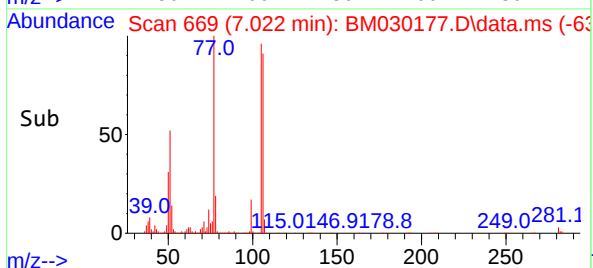
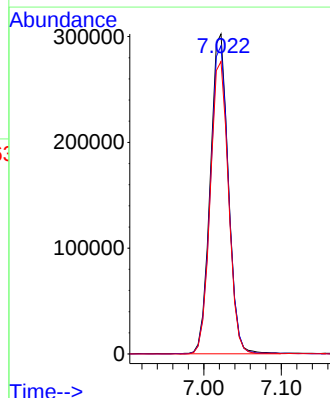
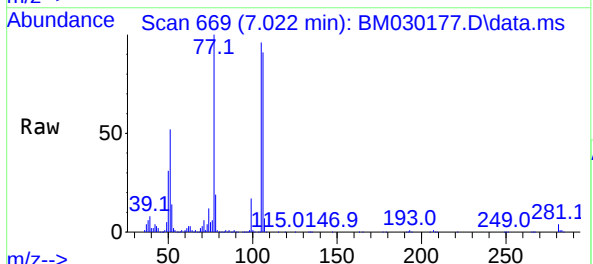
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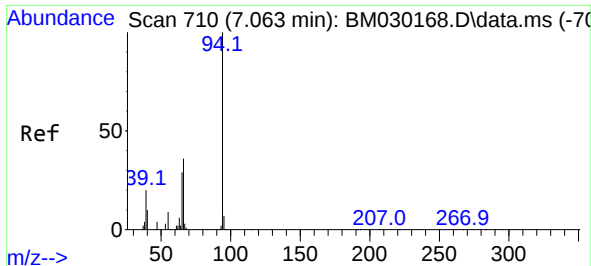
Tgt Ion:	88	Resp:	19040
Ion Ratio	Lower	Upper	
88	100		
43	38.8	30.7	46.1
58	79.2	66.0	99.0



Benzaldehyde
Concen: 41.11 ng/uL
RT: 7.022 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:	77	Resp:	488614
Ion Ratio	Lower	Upper	
77	100		
105	96.3	73.9	110.9
106	91.4	72.7	109.1

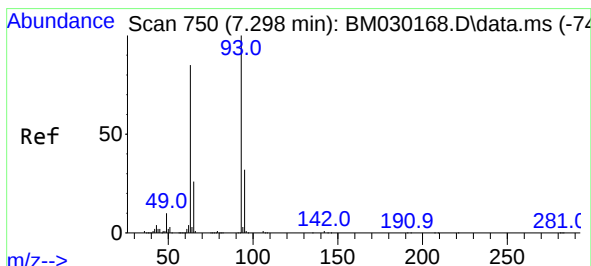
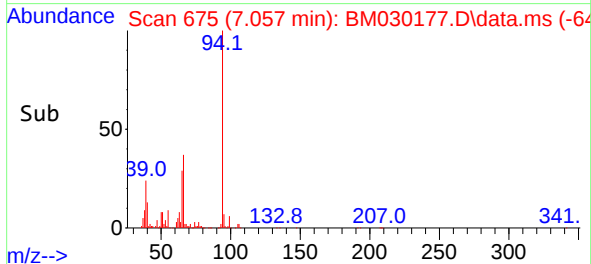
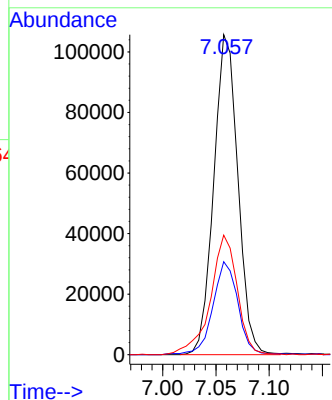
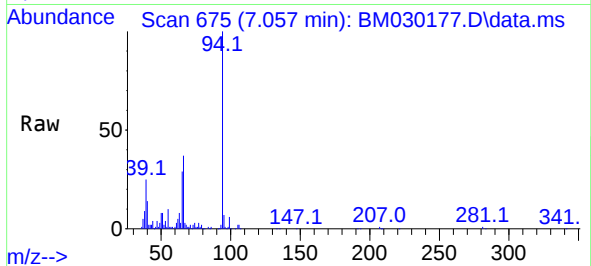




#8
Phenol
Concen: 7.35 ng/ul
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

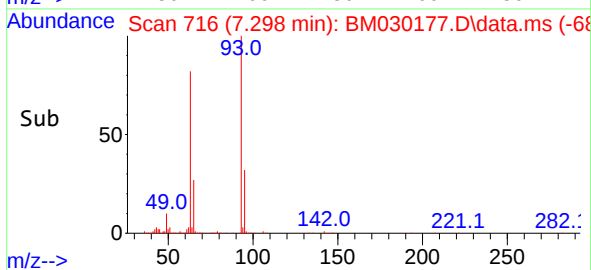
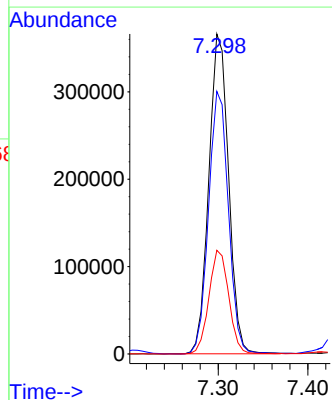
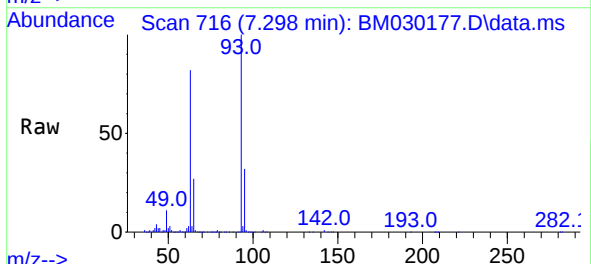
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ClientSampleId :
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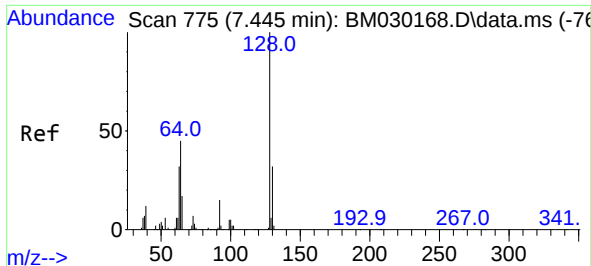
Tgt Ion: 94 Resp: 166243
Ion Ratio Lower Upper
94 100
65 29.1 23.3 34.9
66 37.4 29.8 44.6



#10
Bis(2-Chloroethyl)ether
Concen: 30.85 ng/ul
RT: 7.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion: 93 Resp: 560329
Ion Ratio Lower Upper
93 100
63 82.1 67.9 101.9
95 32.4 25.4 38.0

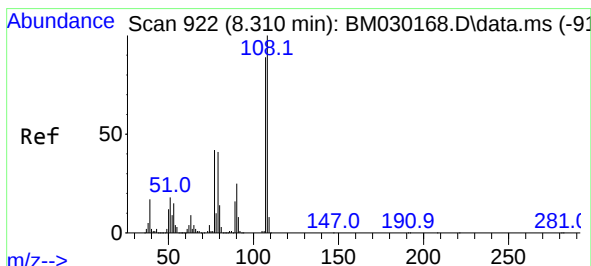
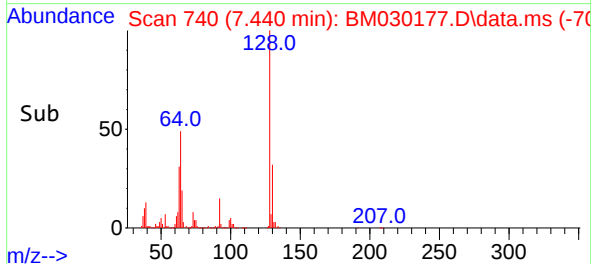
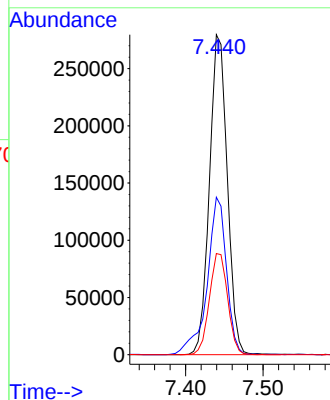
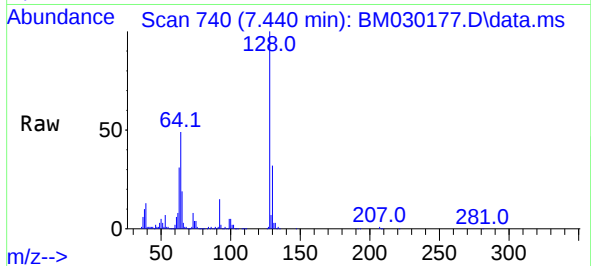




#12
2-Chlorophenol
Concen: 26.19 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

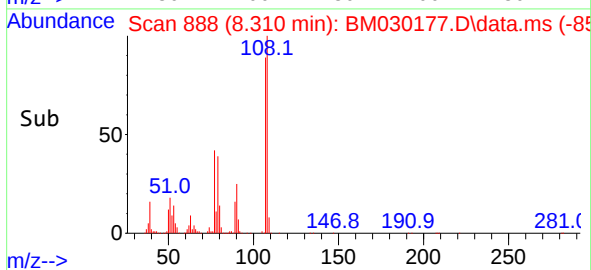
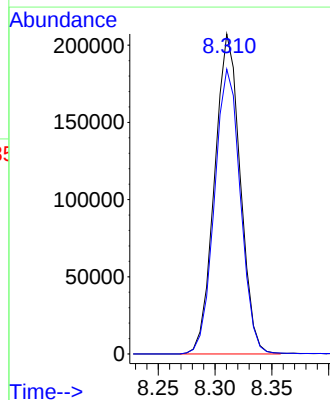
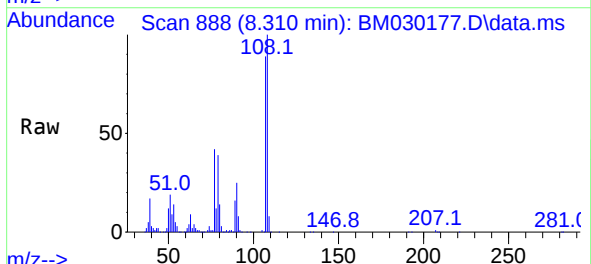
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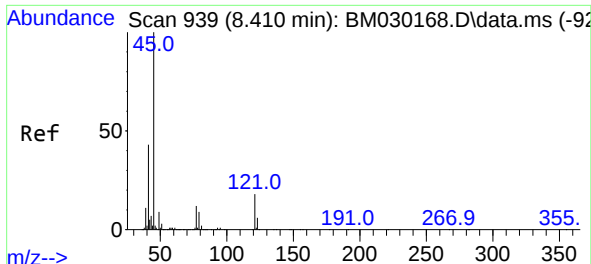
Tgt Ion:128 Resp: 447474
Ion Ratio Lower Upper
128 100
64 49.2 38.5 57.7
130 31.6 25.7 38.5



#13
2-Methylphenol
Concen: 19.05 ng/ul
RT: 8.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:108 Resp: 325993
Ion Ratio Lower Upper
108 100
107 89.0 70.9 106.3

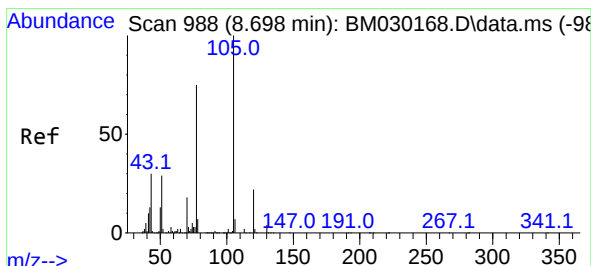
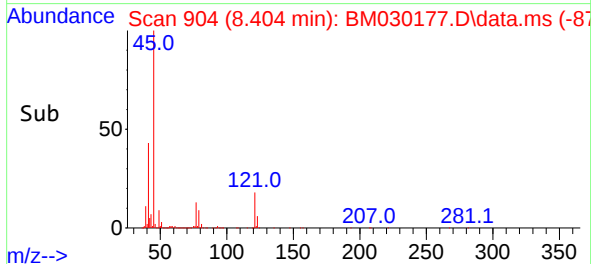
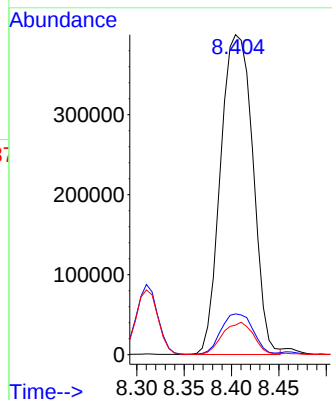
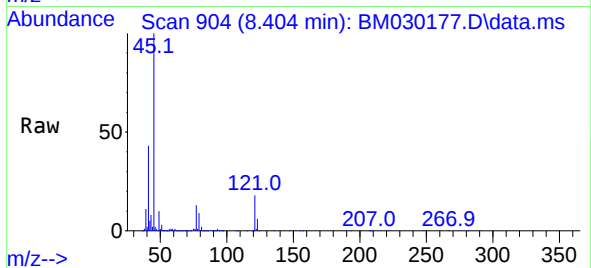




#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.40 ng/ul
RT: 8.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

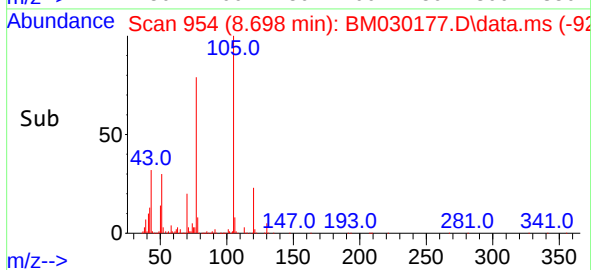
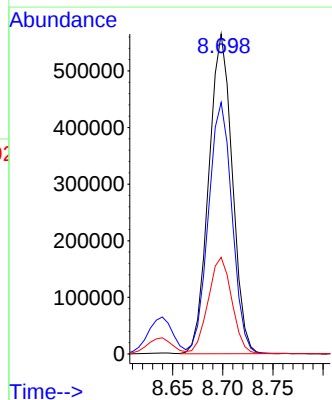
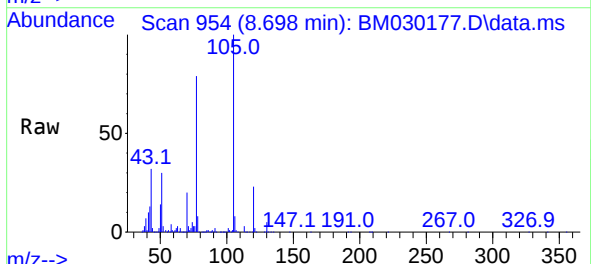
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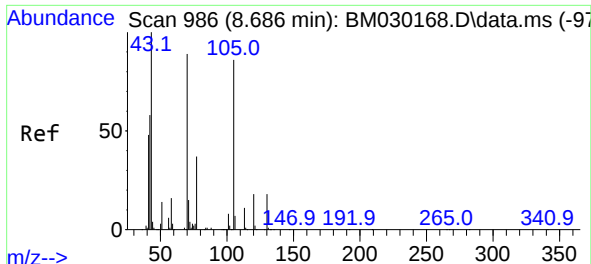
Tgt Ion: 45 Resp: 947676
Ion Ratio Lower Upper
45 100
77 12.7 9.8 14.8
79 9.3 7.6 11.4



#16
Acetophenone
Concen: 32.31 ng/ul
RT: 8.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion: 105 Resp: 923492
Ion Ratio Lower Upper
105 100
77 78.6 63.4 95.0
51 30.2 24.8 37.2

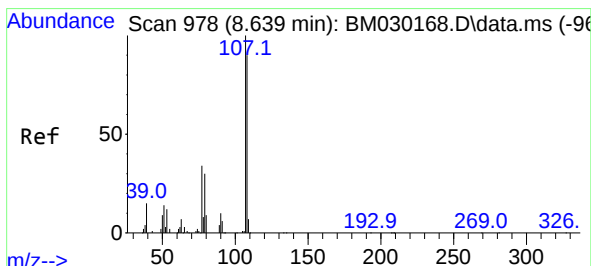
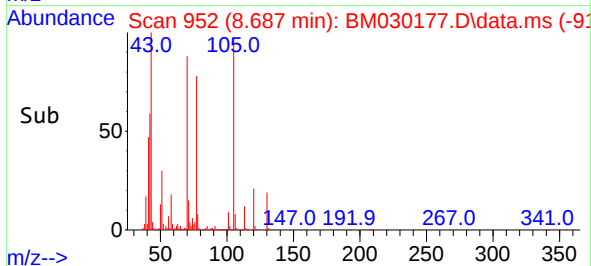
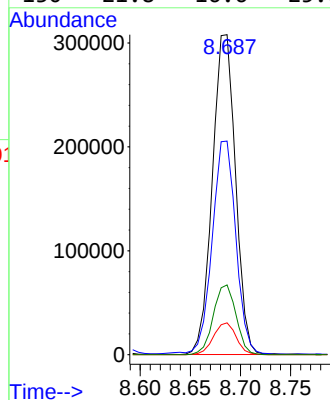
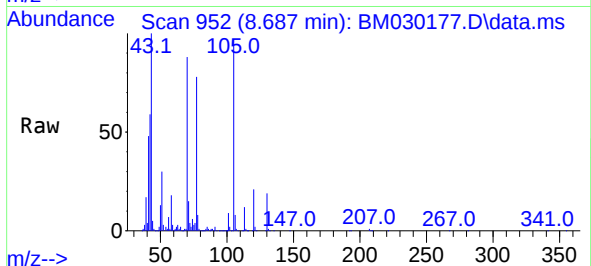




#17
N-Nitroso-di-n-propylamine
Concen: 32.82 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

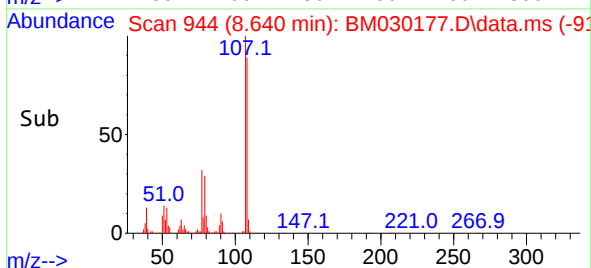
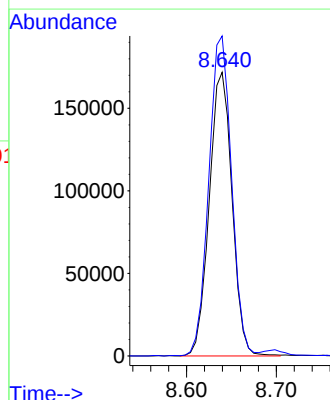
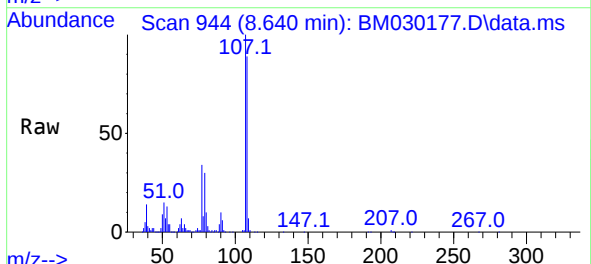
Instrument :
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ClientSampleId :
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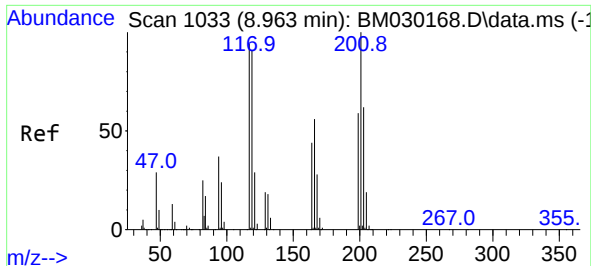
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Ion Ratio Lower Upper
70 100
42 66.7 53.8 80.6
101 10.0 7.4 11.2
130 21.8 16.6 25.0



#18
4-Methylphenol
Concen: 16.47 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion: 108 Resp: 303517
Ion Ratio Lower Upper
108 100
107 112.8 88.6 132.8

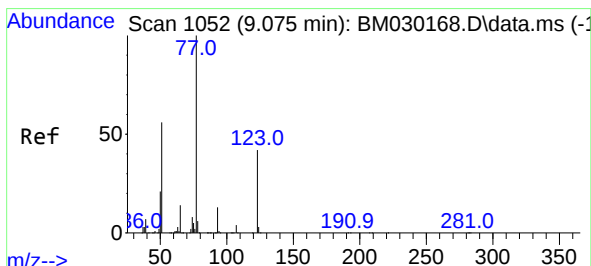
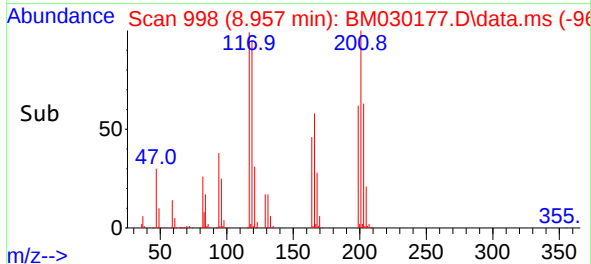
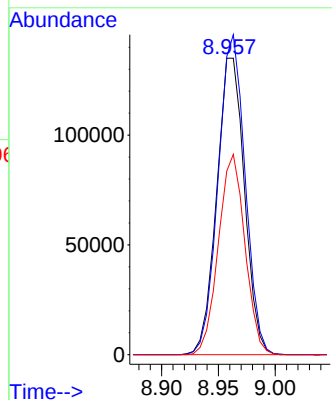
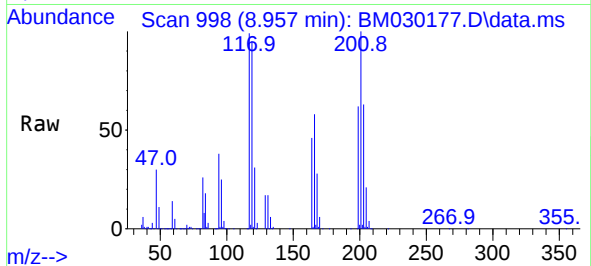




#19
Hexachloroethane
Concen: 31.43 ng/ul
RT: 8.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

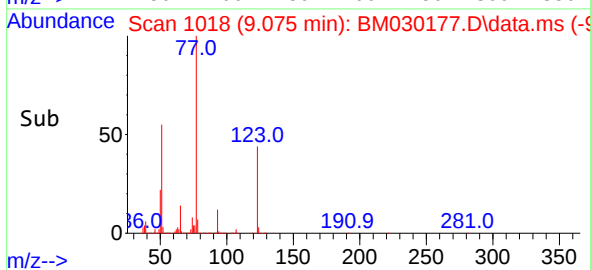
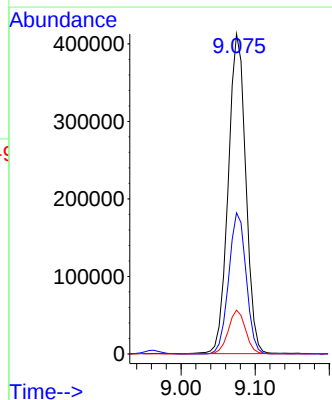
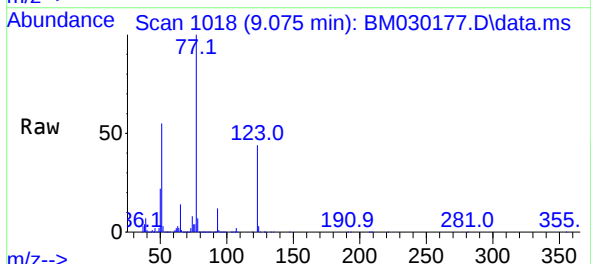
Instrument :
BNA_M
ClientSampleId :
GB439MSD

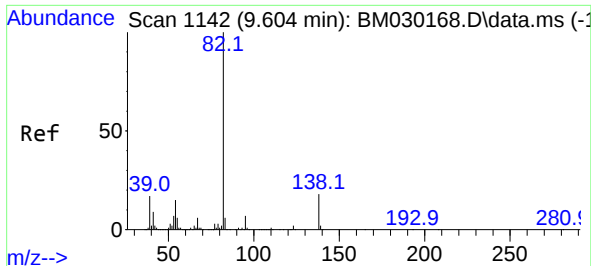
Tgt Ion:117 Resp: 229955
Ion Ratio Lower Upper
117 100
201 100.5 85.0 127.6
199 61.9 50.2 75.2



#22
Nitrobenzene
Concen: 34.94 ng/ul
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion: 77 Resp: 677796
Ion Ratio Lower Upper
77 100
123 44.1 33.8 50.8
65 13.7 11.1 16.7

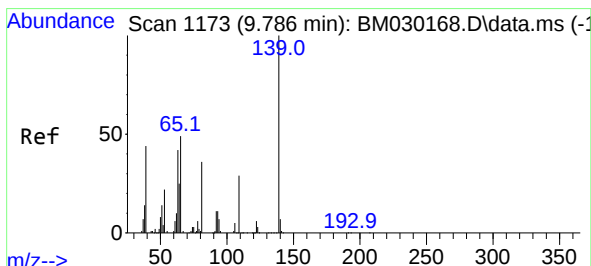
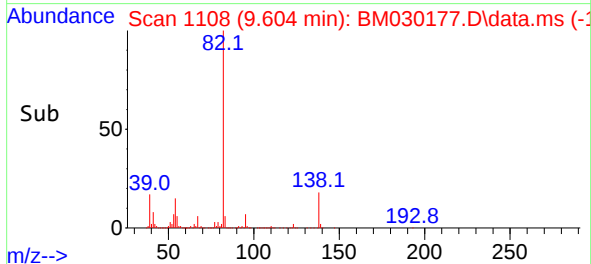
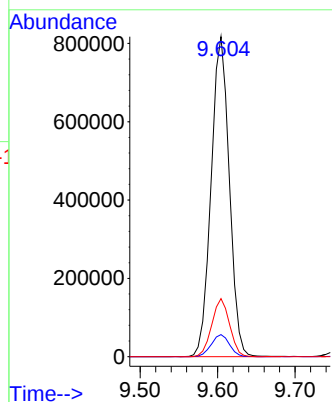
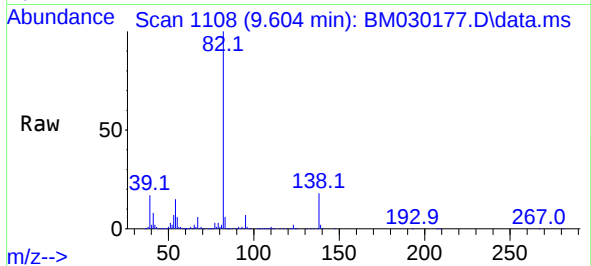




#23
Isophorone
Concen: 32.52 ng/ul
RT: 9.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

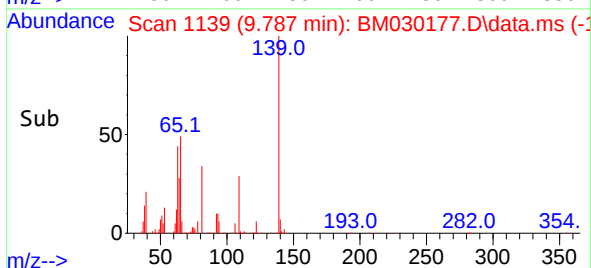
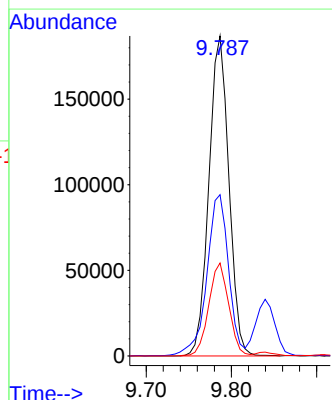
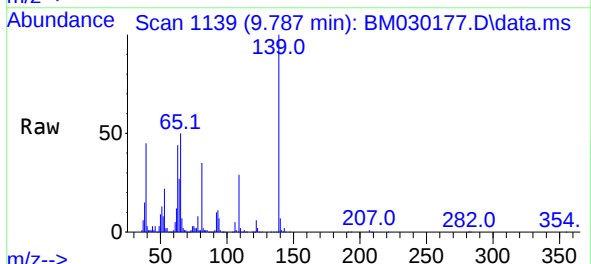
Instrument :
BNA_M
ClientSampleId :
GB439MSD

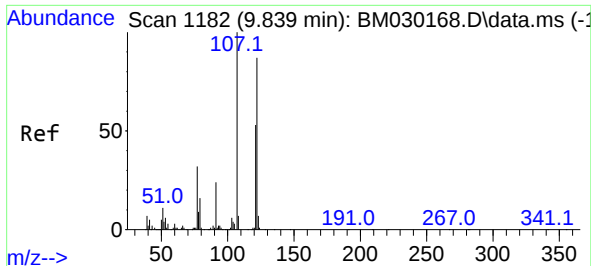
Tgt Ion: 82 Resp: 1330287
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.1 14.2 21.2



#25
2-Nitrophenol
Concen: 39.58 ng/ul
RT: 9.787 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion: 139 Resp: 305043
Ion Ratio Lower Upper
139 100
65 50.4 40.6 61.0
109 29.1 23.0 34.4

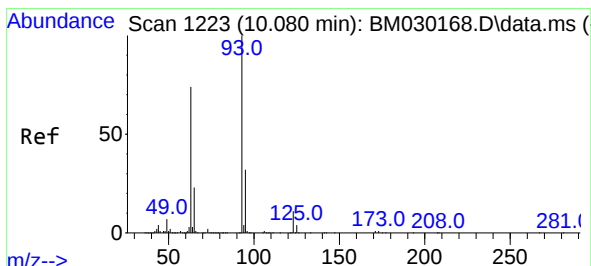
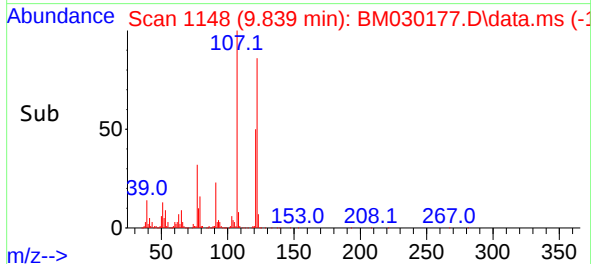
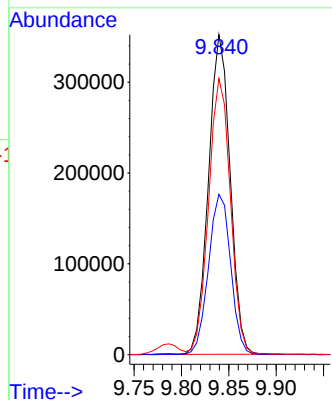
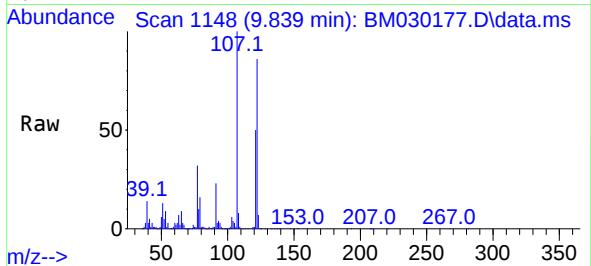




#26
2,4-Dimethylphenol
Concen: 27.27 ng/ul
RT: 9.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

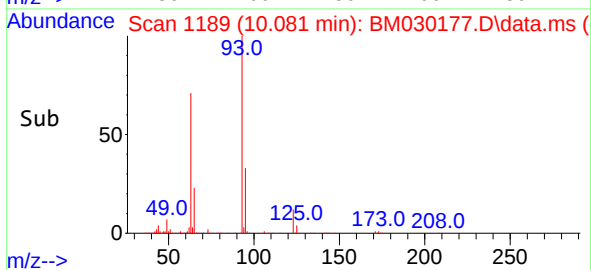
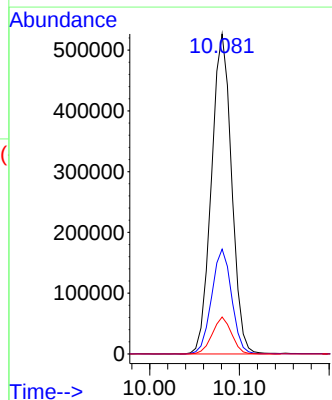
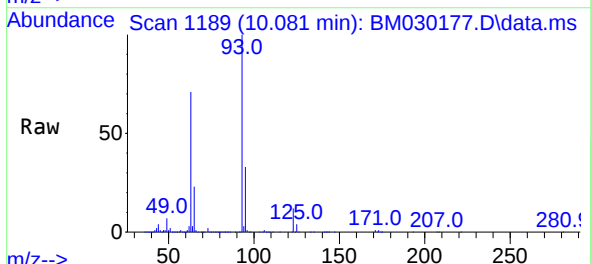
Instrument :
BNA_M
ClientSampleId :
GB439MSD

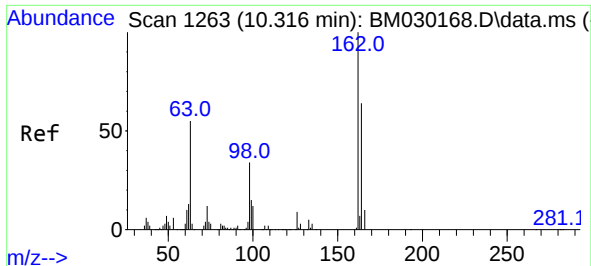
Tgt Ion:107 Resp: 559178
Ion Ratio Lower Upper
107 100
121 50.1 42.0 63.0
122 86.3 70.0 105.0



#27
Bis(2-Chloroethoxy)methane
Concen: 32.78 ng/ul
RT: 10.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion: 93 Resp: 821830
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 11.6 8.6 12.8

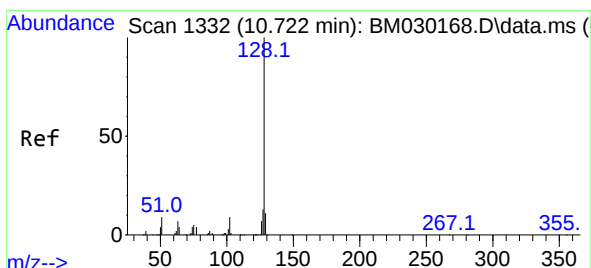
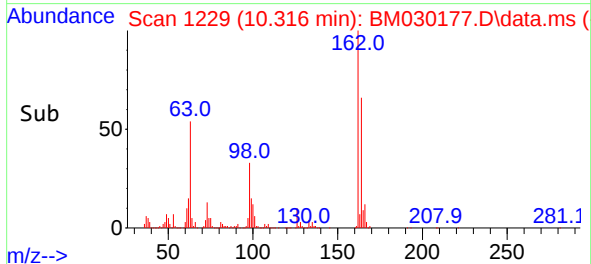
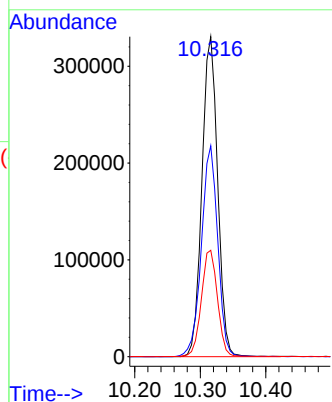
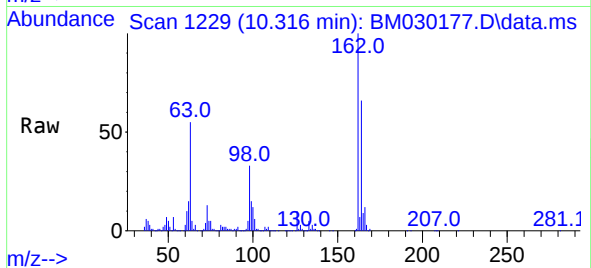




#29
2,4-Dichlorophenol
Concen: 32.47 ng/ul
RT: 10.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

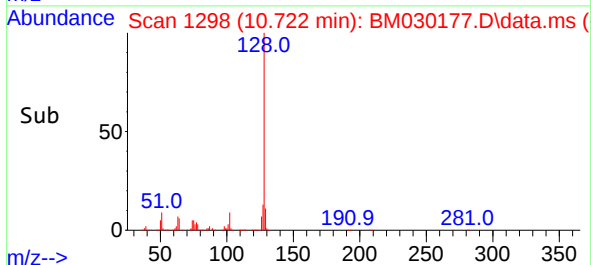
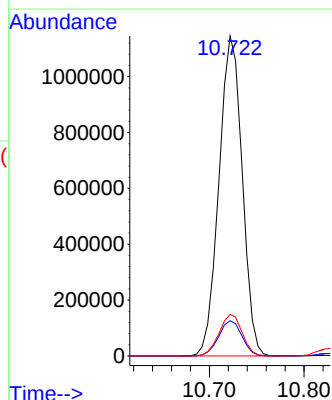
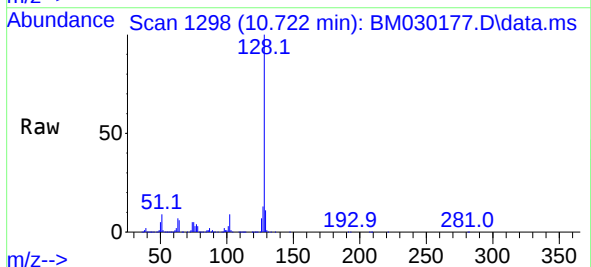
Instrument :
BNA_M
ClientSampleId :
GB439MSD

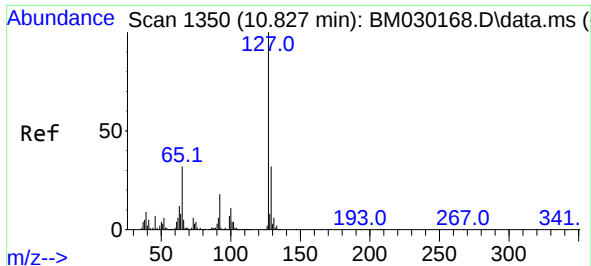
Tgt Ion:162 Resp: 551826
Ion Ratio Lower Upper
162 100
164 65.9 51.7 77.5
98 33.3 27.0 40.6



#30
Naphthalene
Concen: 32.46 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:128 Resp: 1955074
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.2 15.4

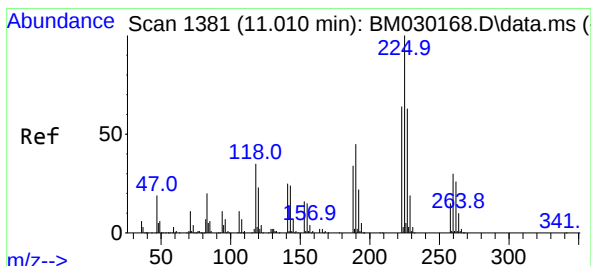
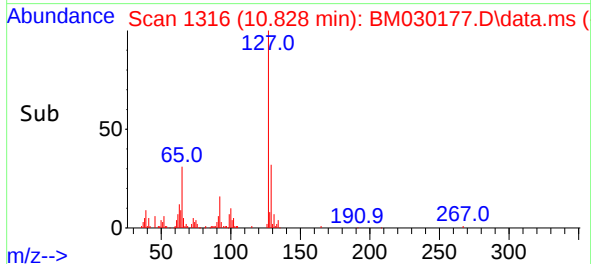
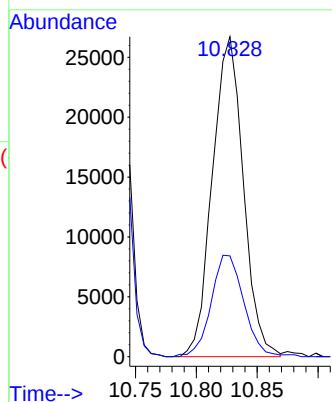
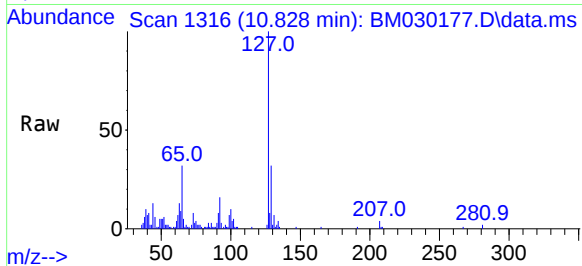




#32
4-Chloroaniline
Concen: 1.75 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

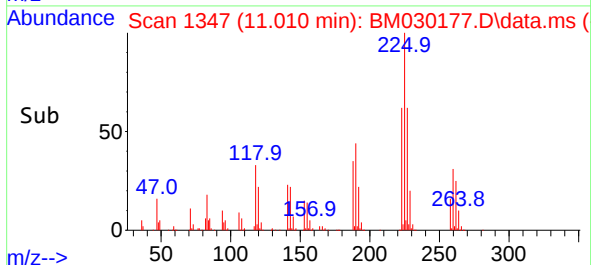
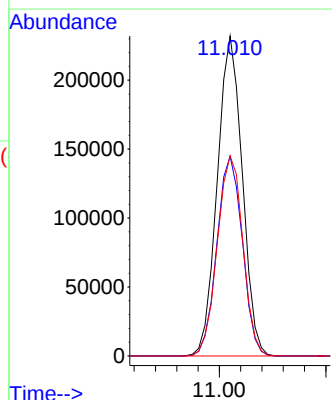
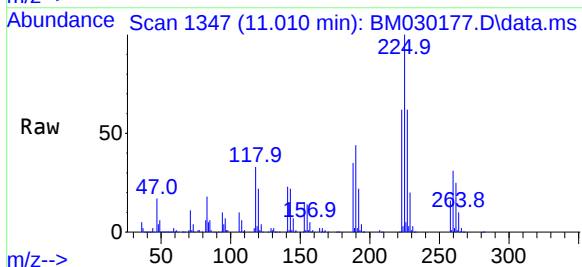
Instrument :
BNA_M
ClientSampleId :
GB439MSD

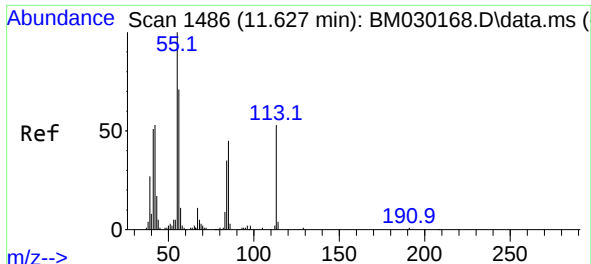
Tgt Ion:127 Resp: 47253
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.6



#33
Hexachlorobutadiene
Concen: 32.60 ng/ul
RT: 11.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:225 Resp: 377571
Ion Ratio Lower Upper
225 100
223 62.4 51.2 76.8
227 62.5 50.4 75.6

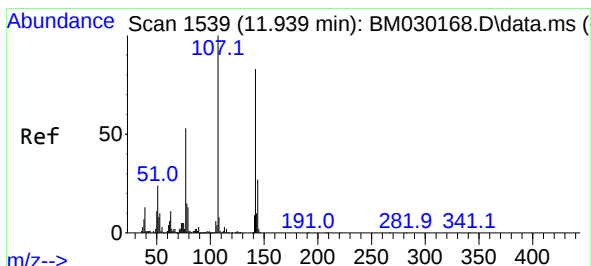
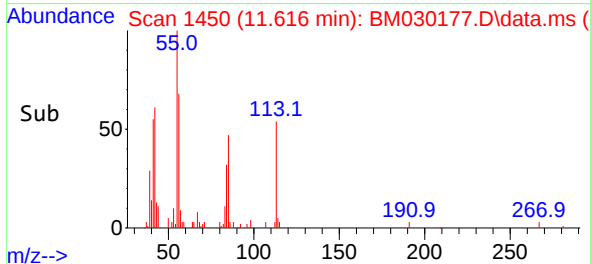
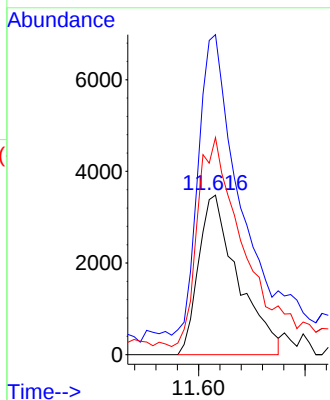
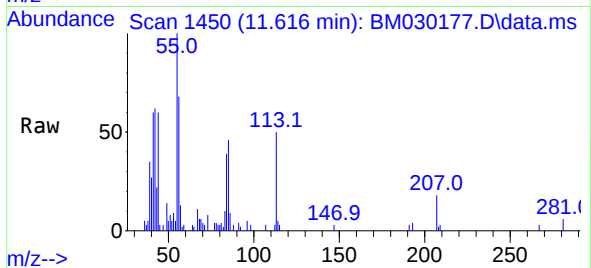




#34
Caprolactam
Concen: 1.73 ng/ul
RT: 11.616 min Scan# 1450
Delta R.T. -0.011 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

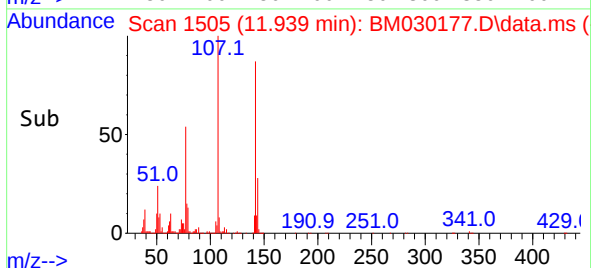
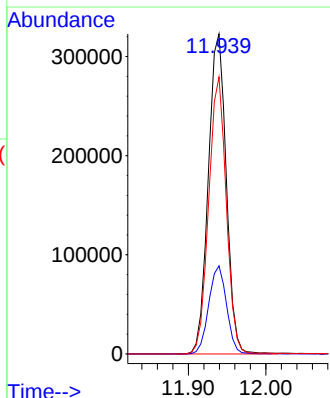
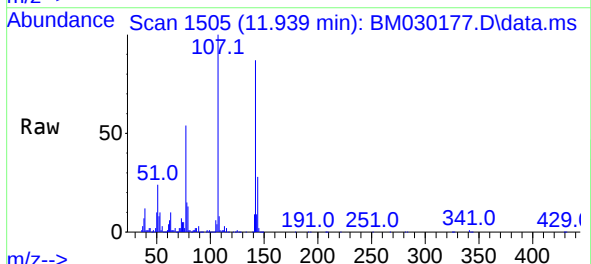
Instrument :
BNA_M
ClientSampleId :
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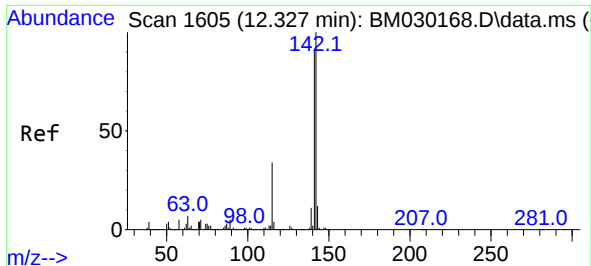
Tgt Ion:113 Resp: 8967
Ion Ratio Lower Upper
113 100
55 200.6 152.6 228.8
56 136.1 107.2 160.8



#35
4-Chloro-3-methylphenol
Concen: 29.15 ng/ul
RT: 11.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:107 Resp: 519318
Ion Ratio Lower Upper
107 100
144 27.6 21.8 32.6
142 86.6 66.7 100.1

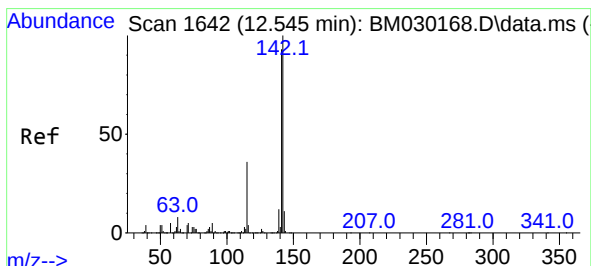
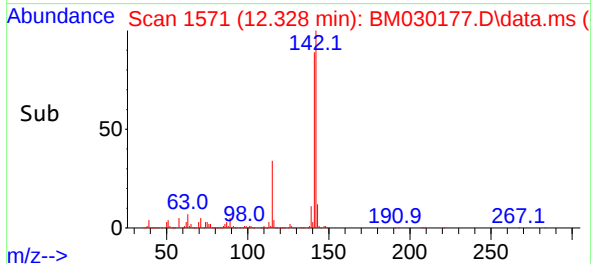
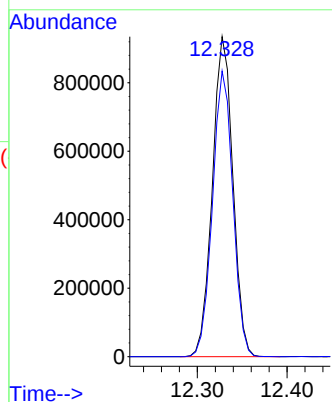
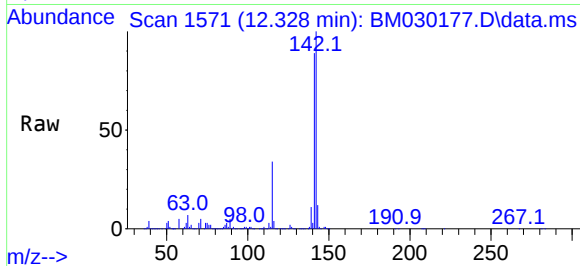




#36
2-Methylnaphthalene
Concen: 32.93 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

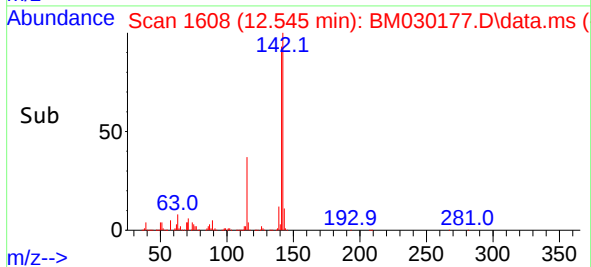
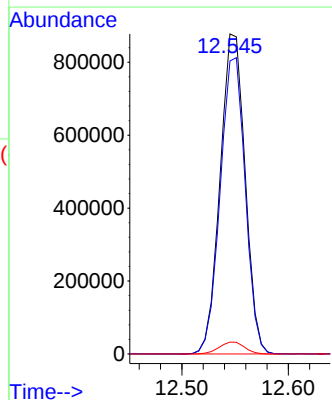
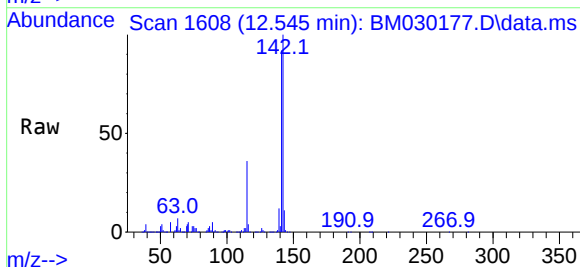
Instrument :
BNA_M
ClientSampleId :
GB439MSD

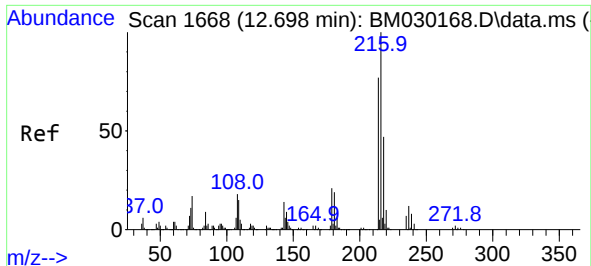
Tgt Ion:142 Resp: 1483291
Ion Ratio Lower Upper
142 100
141 89.2 72.6 108.8



#37
1-Methylnaphthalene
Concen: 32.67 ng/ul
RT: 12.545 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:142 Resp: 1430765
Ion Ratio Lower Upper
142 100
141 91.5 74.4 111.6
116 3.7 3.1 4.7

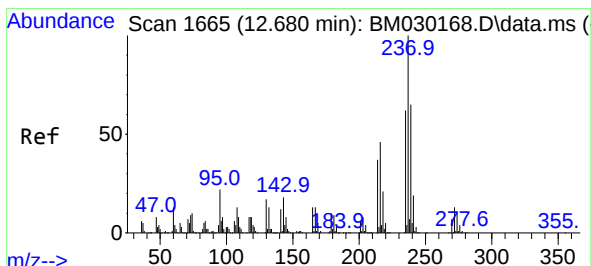
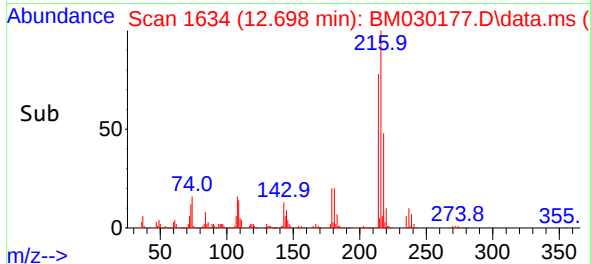
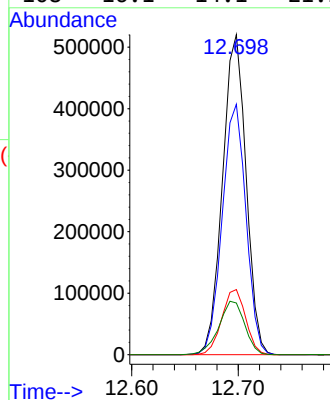
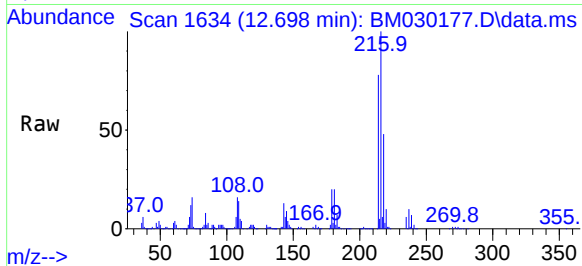




#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.32 ng/ul
RT: 12.698 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

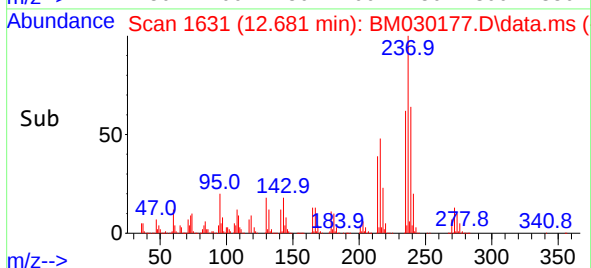
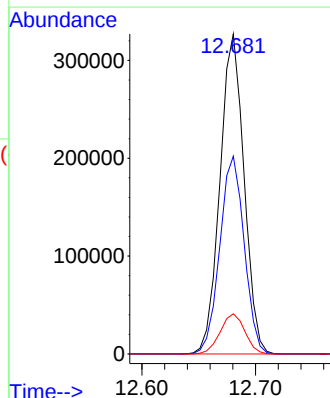
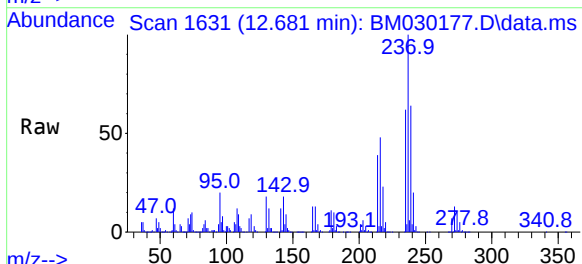
Instrument :
BNA_M
ClientSampleId :
GB439MSD

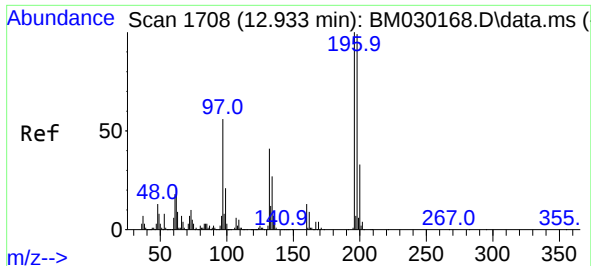
Tgt Ion:	216	Resp:	797621
Ion	Ratio	Lower	Upper
216	100		
214	78.3	61.5	92.3
179	20.3	16.6	24.8
108	16.1	14.1	21.1



#40
Hexachlorocyclopentadiene
Concen: 29.56 ng/ul
RT: 12.681 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:	237	Resp:	481342
Ion	Ratio	Lower	Upper
237	100		
235	61.8	49.5	74.3
272	12.6	10.5	15.7

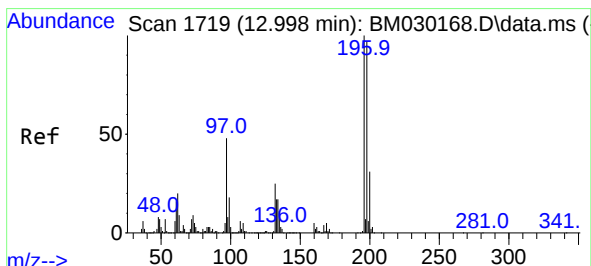
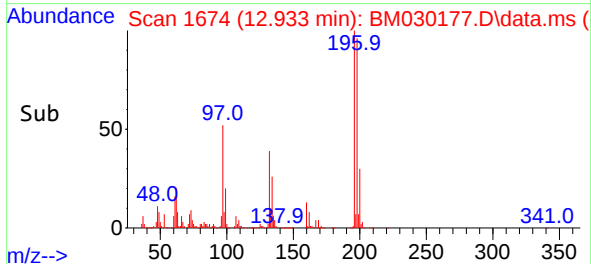
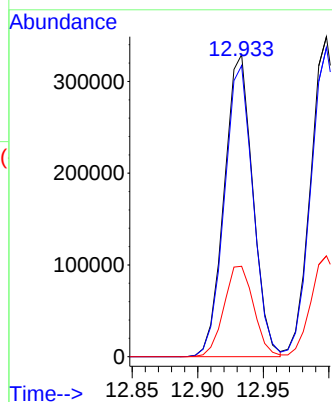
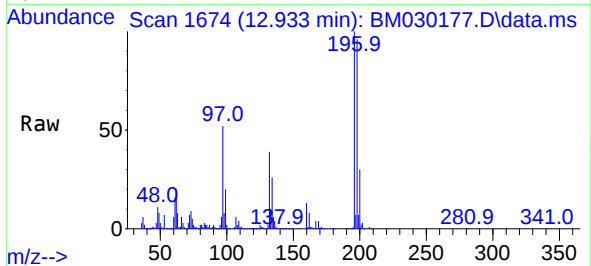




#41
2,4,6-Trichlorophenol
Concen: 38.35 ng/ul
RT: 12.933 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

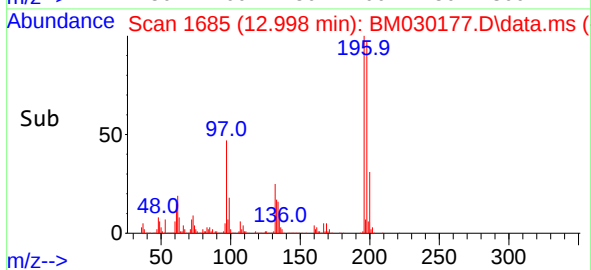
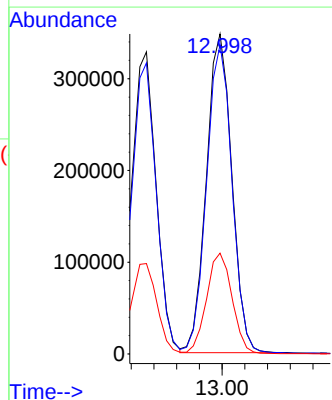
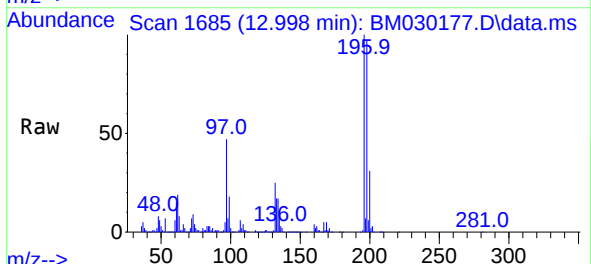
Instrument :
BNA_M
ClientSampleId :
GB439MSD

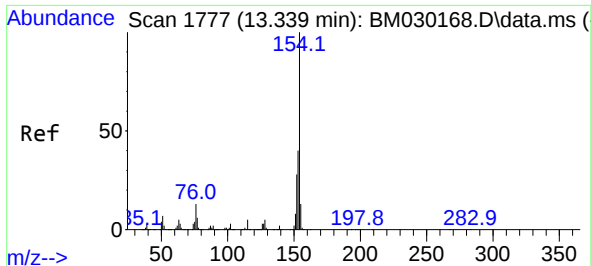
Tgt Ion:196 Resp: 500231
Ion Ratio Lower Upper
196 100
198 96.4 79.6 119.4
200 29.9 26.4 39.6



#42
2,4,5-Trichlorophenol
Concen: 38.20 ng/ul
RT: 12.998 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:196 Resp: 539065
Ion Ratio Lower Upper
196 100
198 96.6 77.4 116.2
200 31.5 24.7 37.1

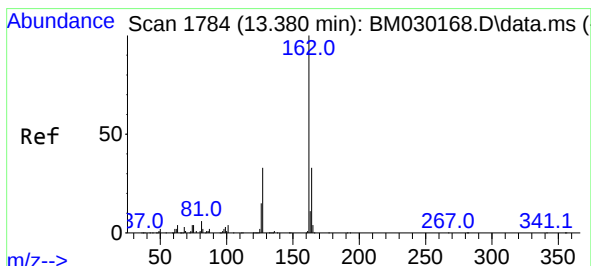
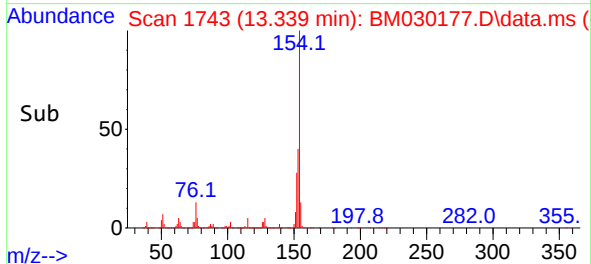
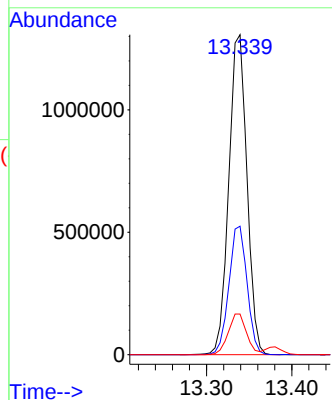
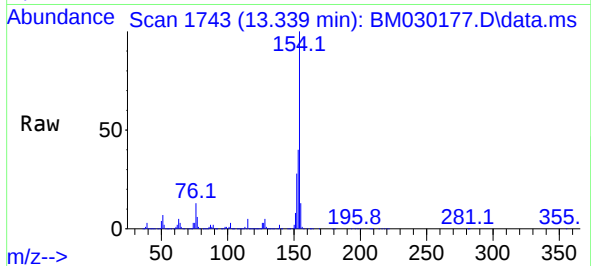




#43
1,1'-Biphenyl
Concen: 33.95 ng/ul
RT: 13.339 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

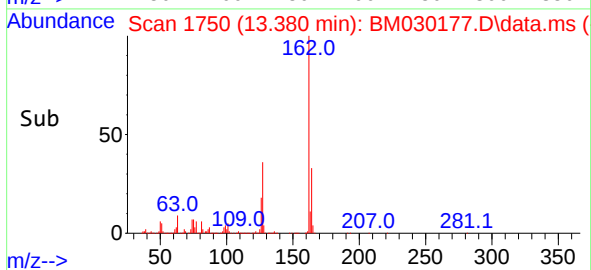
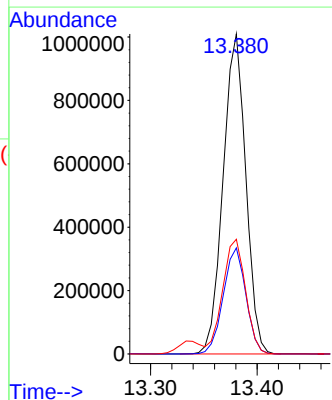
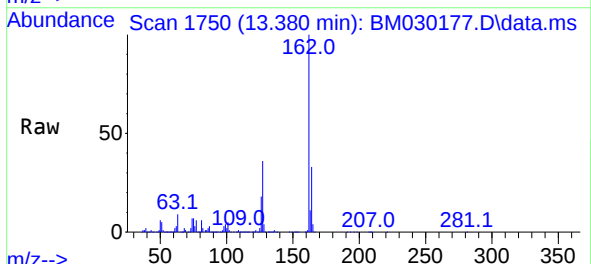
Instrument :
BNA_M
ClientSampleId :
GB439MSD

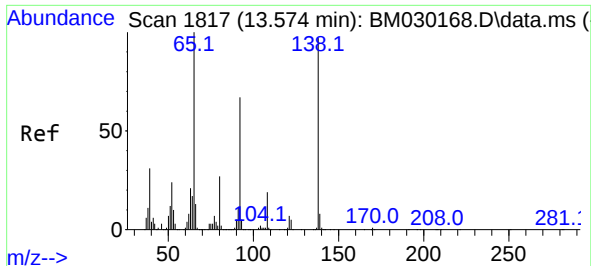
Tgt Ion:154 Resp: 1939044
Ion Ratio Lower Upper
154 100
153 40.2 32.1 48.1
76 12.7 10.3 15.5



#44
2-Chloronaphthalene
Concen: 34.02 ng/ul
RT: 13.380 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:162 Resp: 1493933
Ion Ratio Lower Upper
162 100
164 33.1 26.4 39.6
127 35.8 28.3 42.5

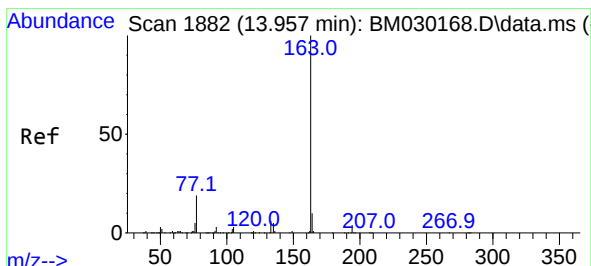
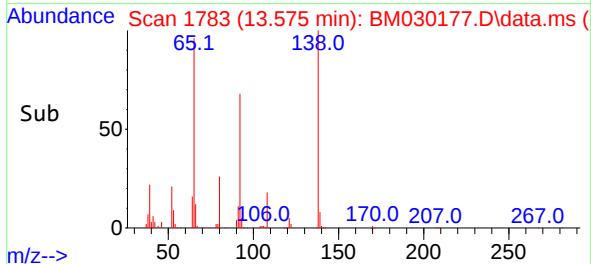
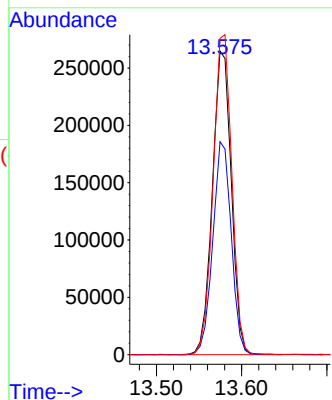
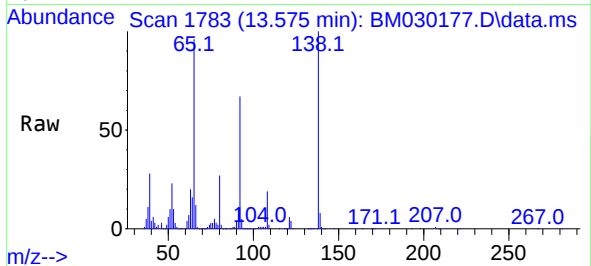




#45
2-Nitroaniline
Concen: 40.55 ng/ul
RT: 13.575 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

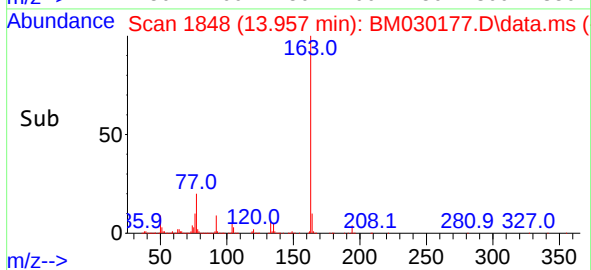
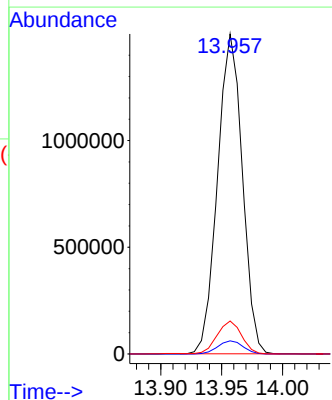
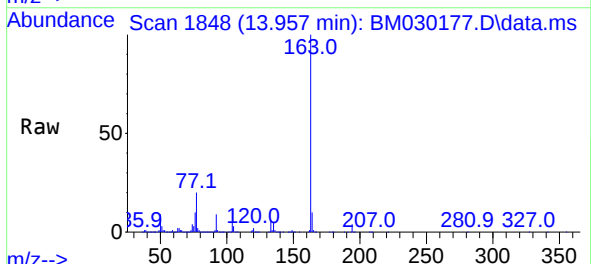
Instrument :
BNA_M
ClientSampleId :
GB439MSD

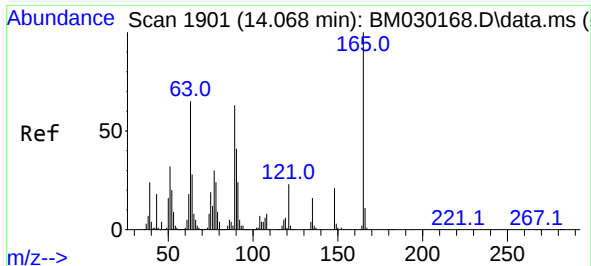
Tgt Ion: 65 Resp: 408982
Ion Ratio Lower Upper
65 100
92 70.1 53.5 80.3
138 104.2 77.3 115.9



#47
Dimethylphthalate
Concen: 39.28 ng/ul
RT: 13.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:163 Resp: 2124684
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.2

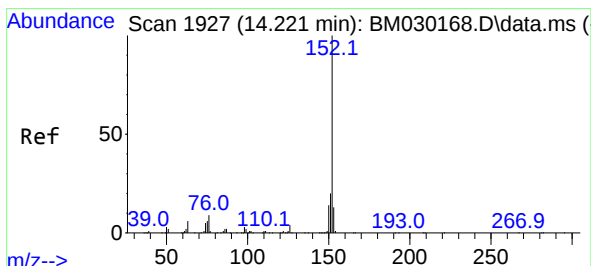
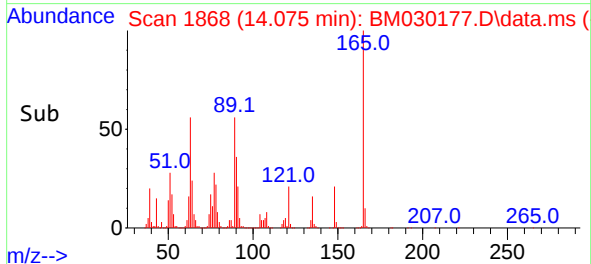
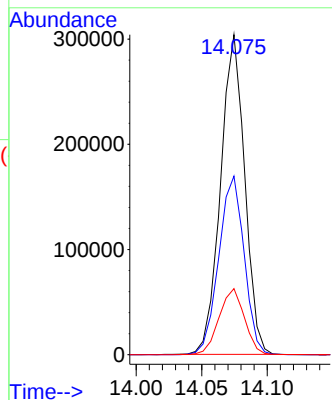
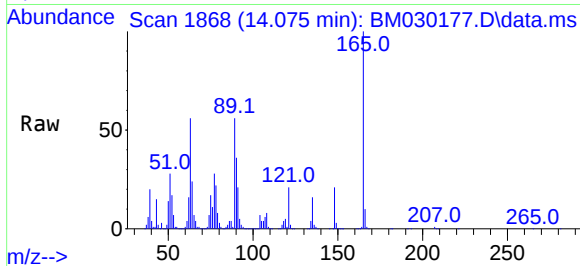




#48
2,6-Dinitrotoluene
Concen: 45.13 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

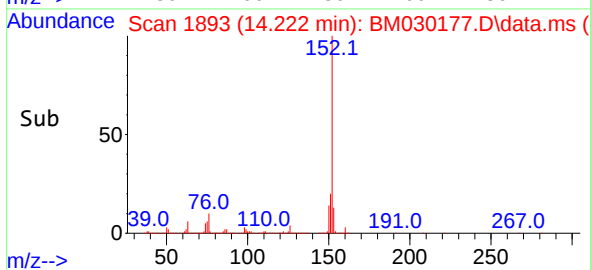
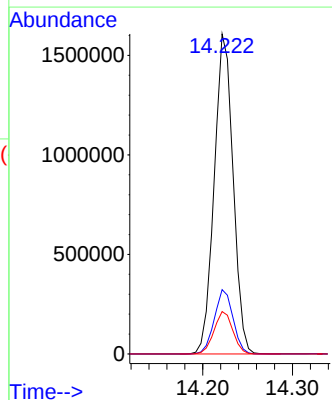
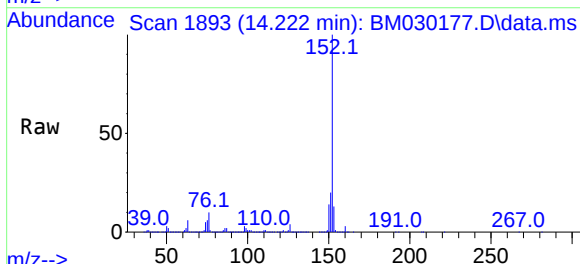
Instrument :
BNA_M
ClientSampleId :
GB439MSD

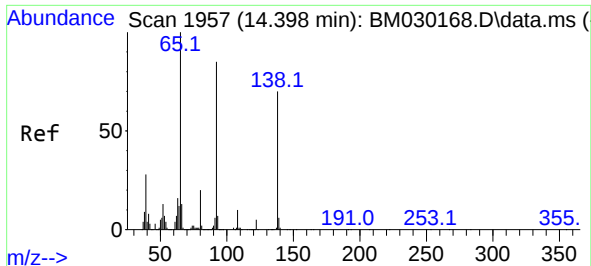
Tgt Ion:165 Resp: 389006
Ion Ratio Lower Upper
165 100
89 55.8 50.2 75.2
121 20.7 18.4 27.6



#50
Acenaphthylene
Concen: 34.46 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:152 Resp: 2348898
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.2 10.7 16.1

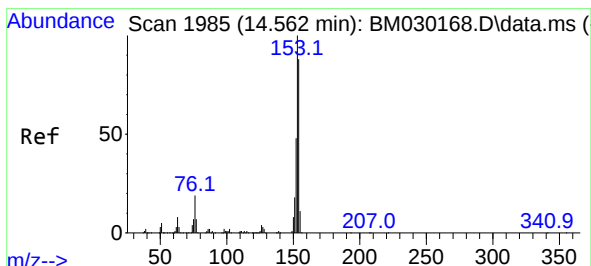
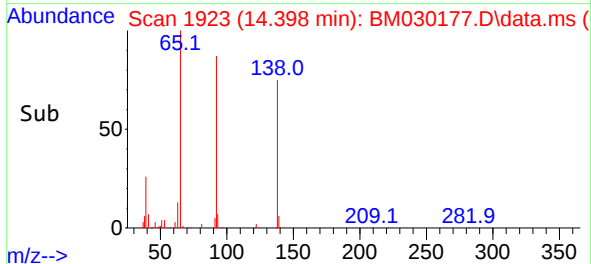
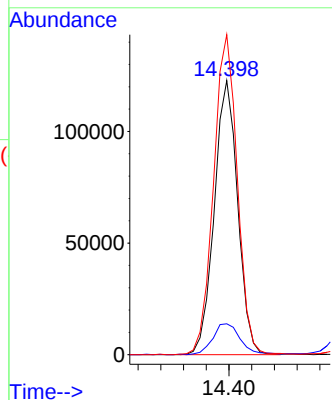
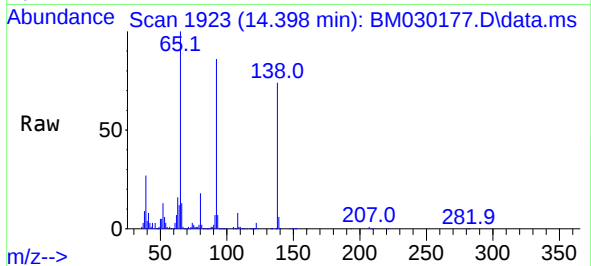




#51
3-Nitroaniline
Concen: 17.52 ng/ul
RT: 14.398 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

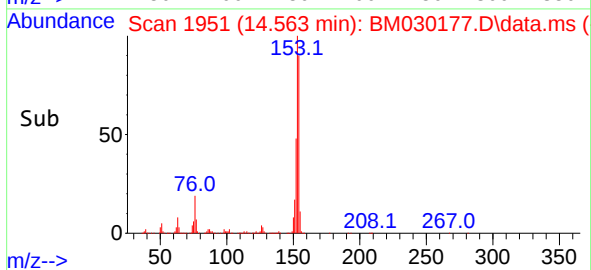
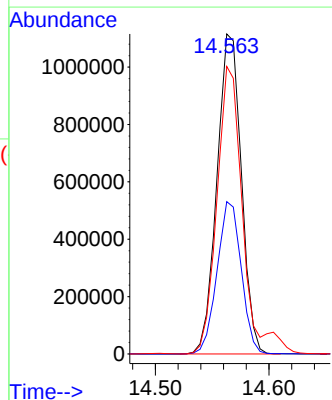
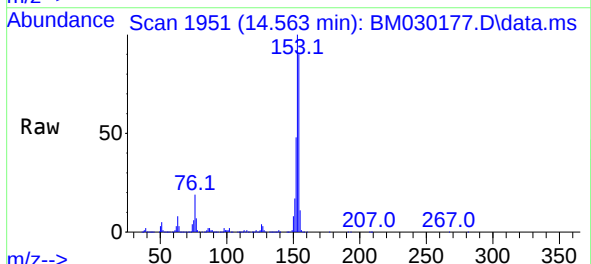
Instrument :
BNA_M
ClientSampleId :
GB439MSD

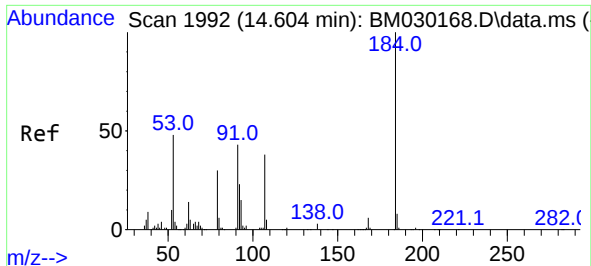
Tgt Ion:138 Resp: 176015
Ion Ratio Lower Upper
138 100
108 11.2 12.0 18.0#
92 116.7 97.2 145.8



#52
Acenaphthene
Concen: 34.63 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:153 Resp: 1667267
Ion Ratio Lower Upper
153 100
152 47.6 38.4 57.6
154 89.9 70.4 105.6

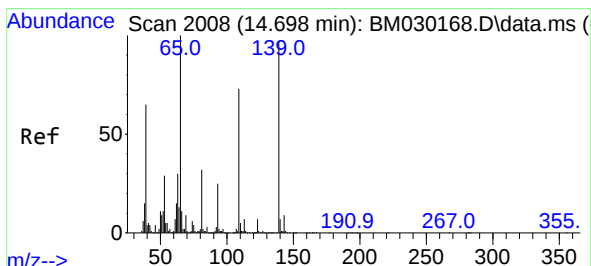
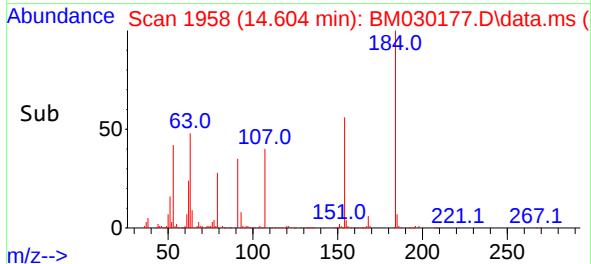
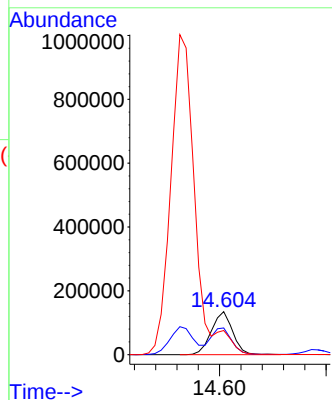
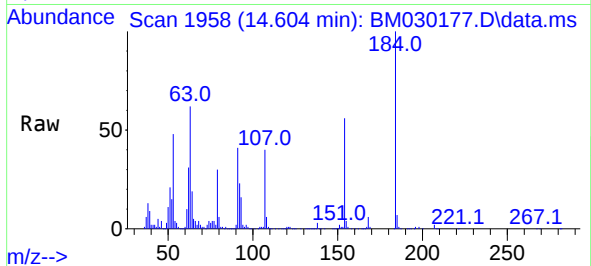




#53
2,4-Dinitrophenol
Concen: 34.49 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

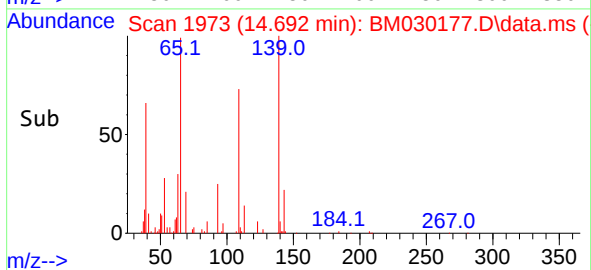
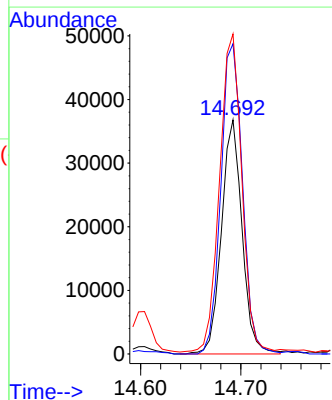
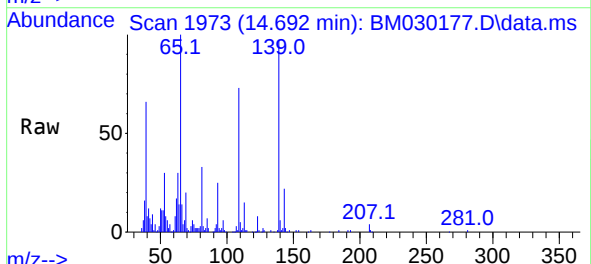
Instrument :
BNA_M
ClientSampleId :
GB439MSD

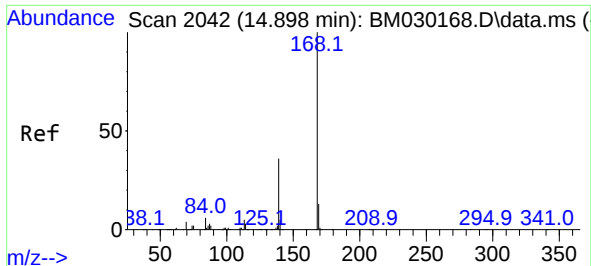
Tgt Ion:184 Resp: 186667
Ion Ratio Lower Upper
184 100
63 62.0 48.5 72.7
154 56.3 45.0 67.4



#55
4-Nitrophenol
Concen: 5.40 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:109 Resp: 52483
Ion Ratio Lower Upper
109 100
139 132.6 106.3 159.5
65 136.7 109.9 164.9

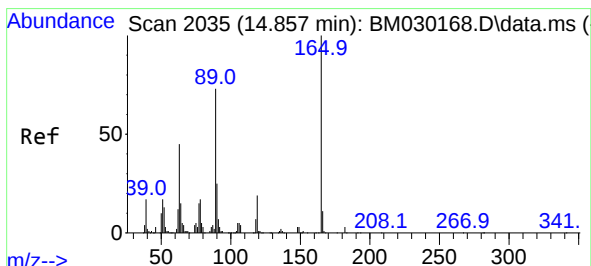
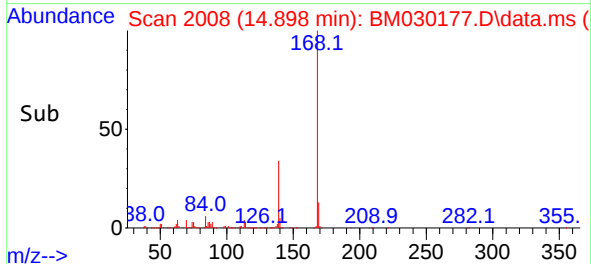
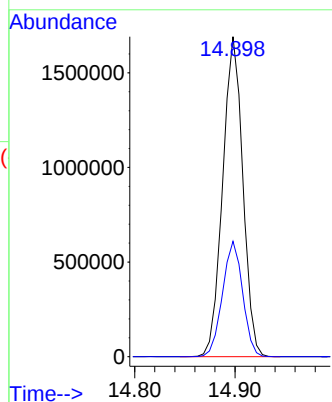
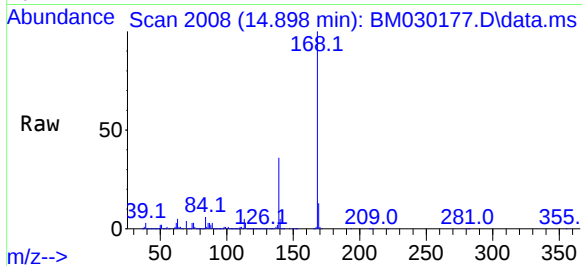




#56
Dibenzofuran
Concen: 35.31 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

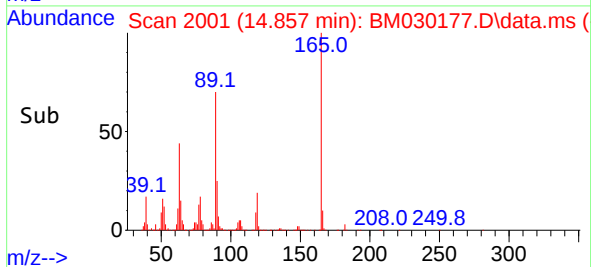
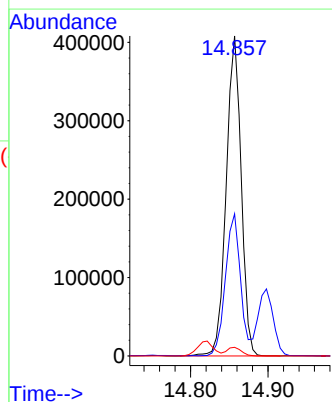
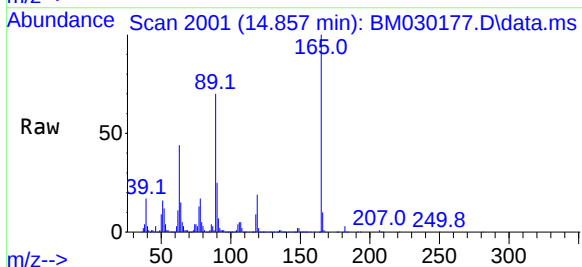
Instrument :
BNA_M
ClientSampleId :
GB439MSD

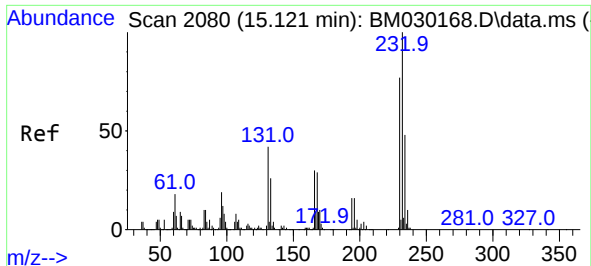
Tgt Ion:168 Resp: 2352953
Ion Ratio Lower Upper
168 100
139 36.1 28.7 43.1



#57
2,4-Dinitrotoluene
Concen: 43.84 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:165 Resp: 548002
Ion Ratio Lower Upper
165 100
63 44.4 36.2 54.4
182 2.7 2.5 3.7



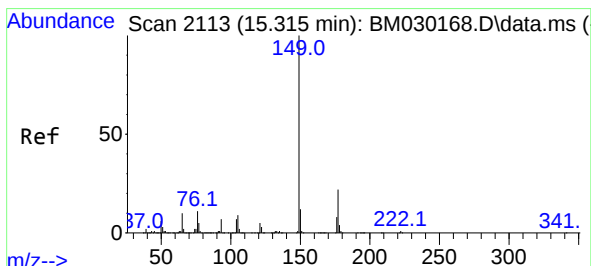
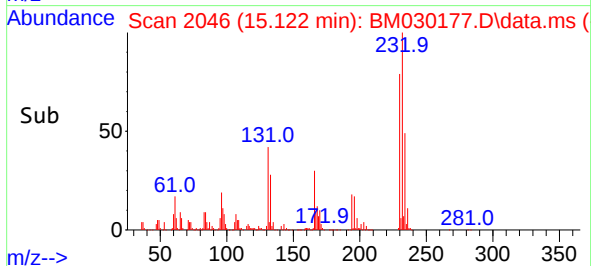
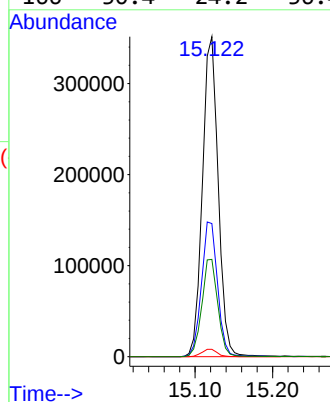
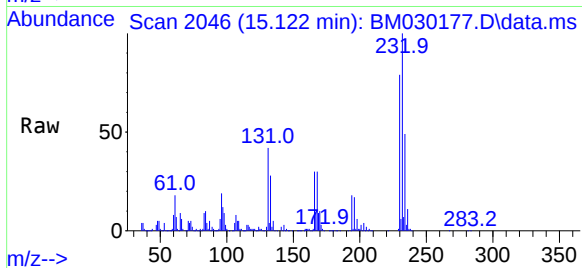


#58
2,3,4,6-Tetrachlorophenol
Concen: 41.71 ng/ul
RT: 15.122 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Instrument :
BNA_M
ClientSampleId :
GB439MSD

Tgt Ion:232 Resp: 497003

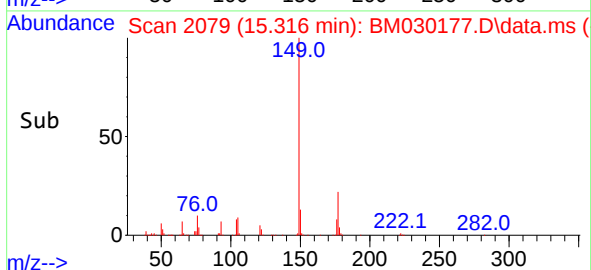
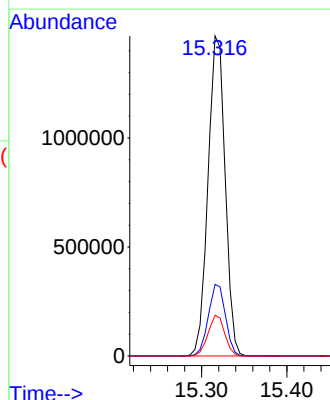
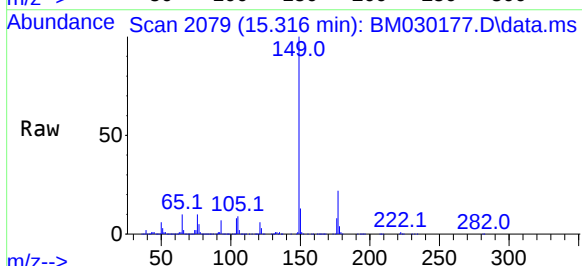
Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.5	50.3
130	2.3	1.9	2.9
166	30.4	24.2	36.4

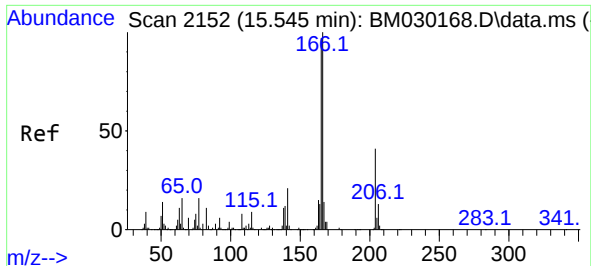


#59
Diethylphthalate
Concen: 37.37 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:149 Resp: 2047366

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.2
150	12.7	9.8	14.8

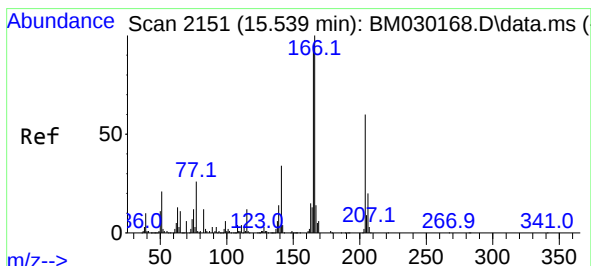
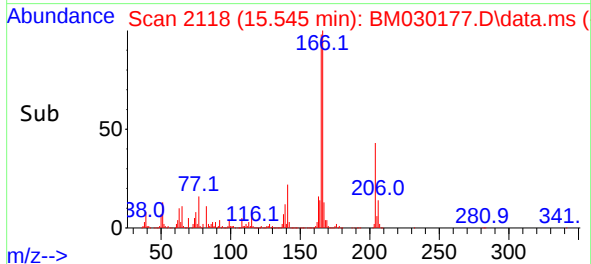
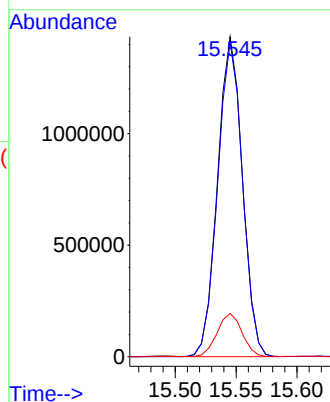
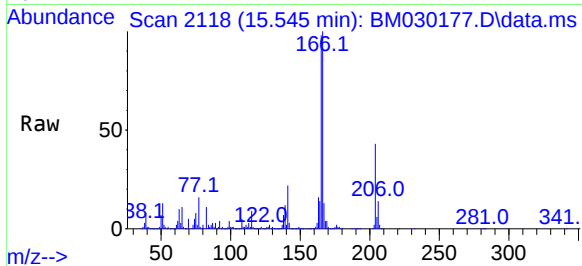




#61
Fluorene
Concen: 36.08 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

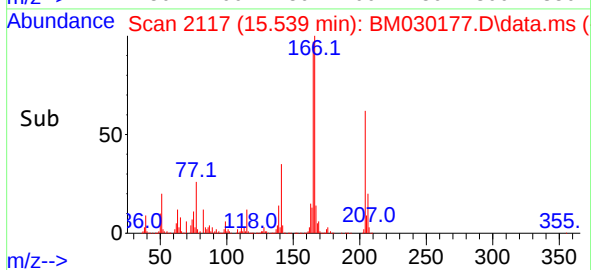
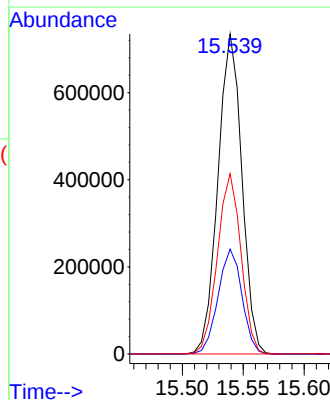
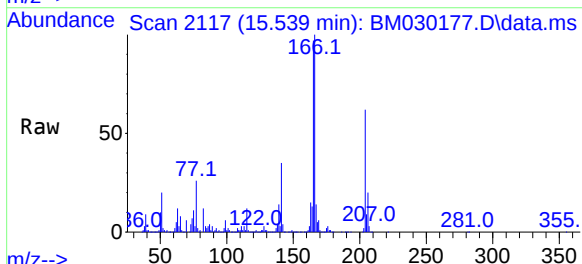
Instrument :
BNA_M
ClientSampleId :
GB439MSD

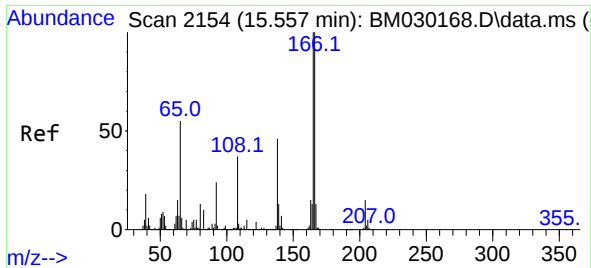
Tgt Ion:166 Resp: 2039919
Ion Ratio Lower Upper
166 100
165 98.4 77.8 116.8
167 13.5 10.8 16.2



#62
4-Chlorophenyl-phenylether
Concen: 36.24 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:204 Resp: 1004602
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 56.3 45.1 67.7



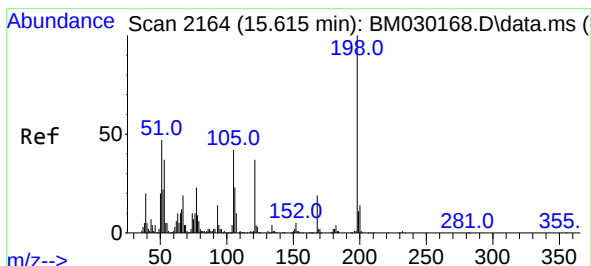
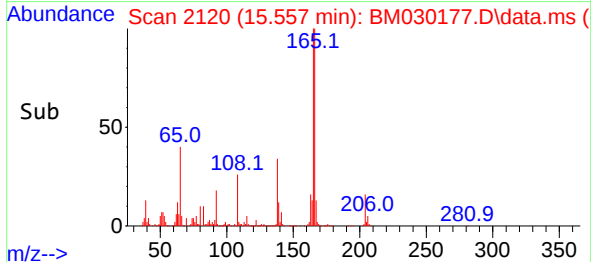
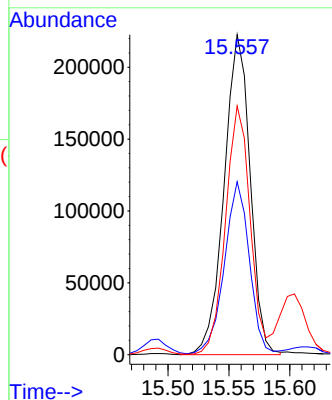
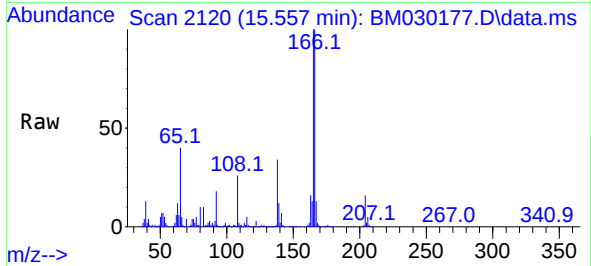


#63
4-Nitroaniline
Concen: 32.09 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Instrument :
BNA_M
ClientSampleId :
GB439MSD

Tgt Ion:138 Resp: 331546

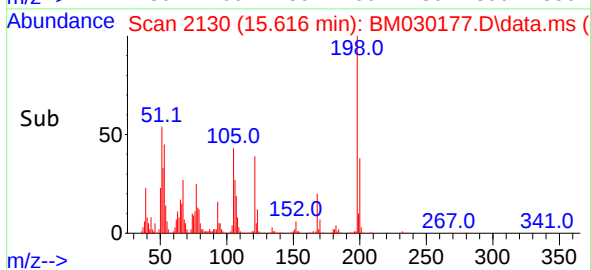
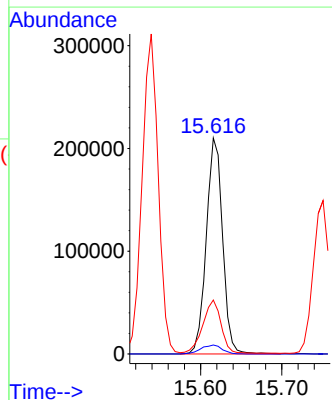
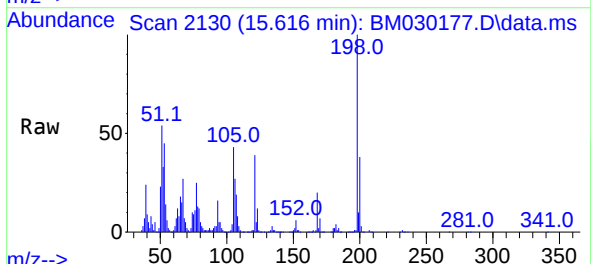
Ion	Ratio	Lower	Upper
138	100		
92	54.1	42.2	63.2
108	77.7	65.4	98.2

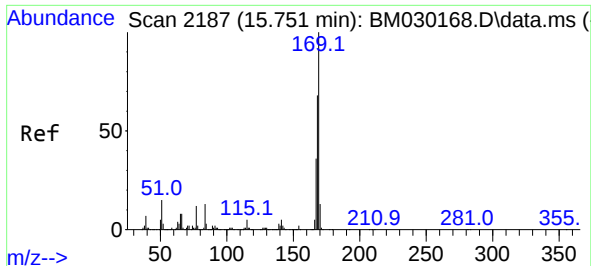


#66
4,6-Dinitro-2-methylphenol
Concen: 41.33 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:198 Resp: 291968

Ion	Ratio	Lower	Upper
198	100		
182	4.2	3.5	5.3
77	24.9	19.2	28.8

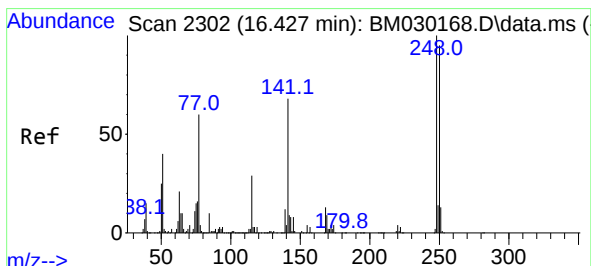
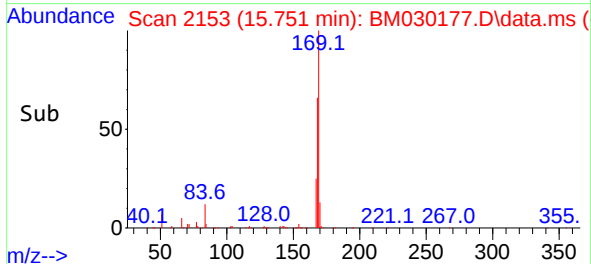
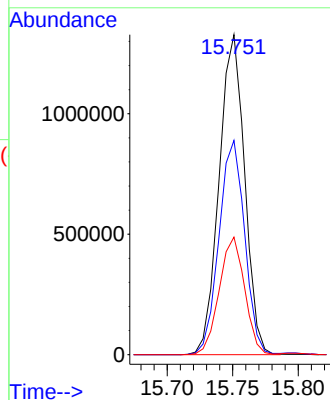
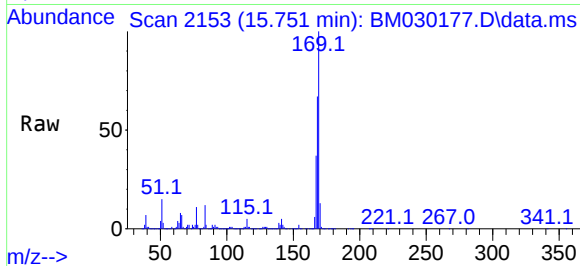




#67
N-Nitrosodiphenylamine
Concen: 38.99 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

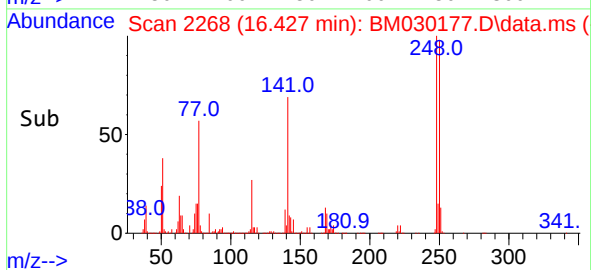
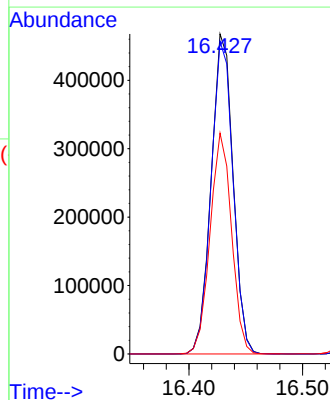
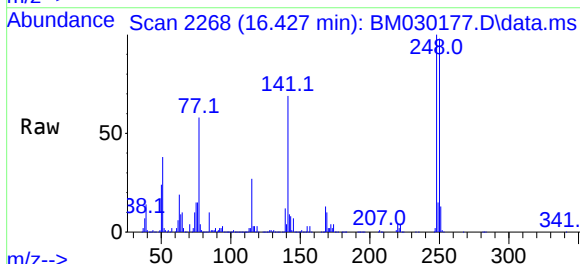
Instrument :
BNA_M
ClientSampleId :
GB439MSD

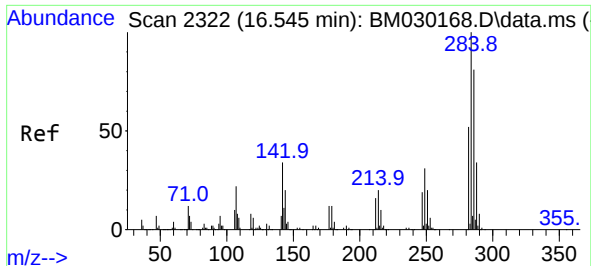
Tgt Ion:169 Resp: 1796684
Ion Ratio Lower Upper
169 100
168 67.0 54.7 82.1
167 36.7 29.0 43.6



#68
4-Bromophenyl-phenylether
Concen: 39.42 ng/ul
RT: 16.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:248 Resp: 626794
Ion Ratio Lower Upper
248 100
250 97.7 76.3 114.5
141 69.0 54.6 81.8

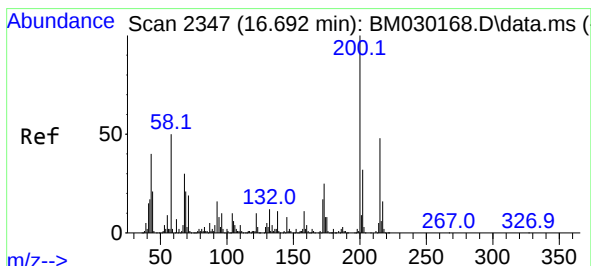
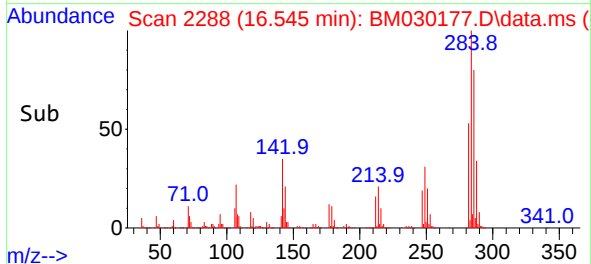
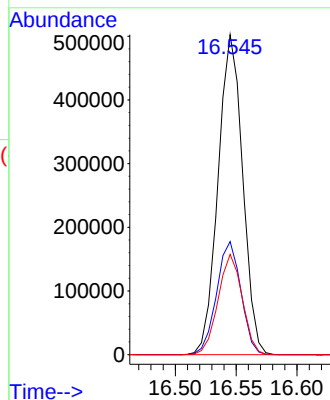
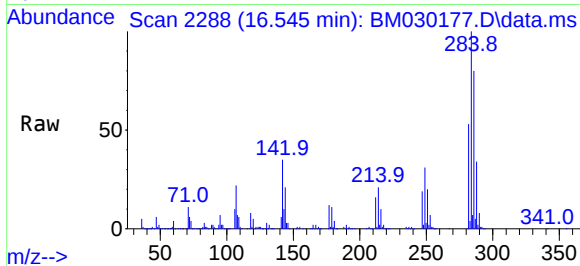




#69
Hexachlorobenzene
Concen: 38.82 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

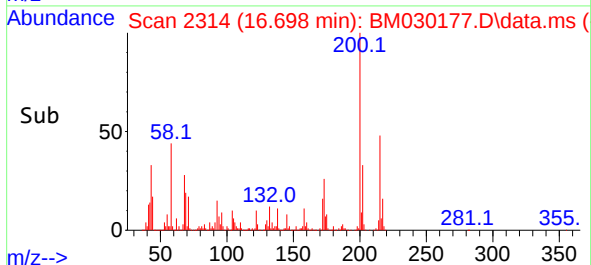
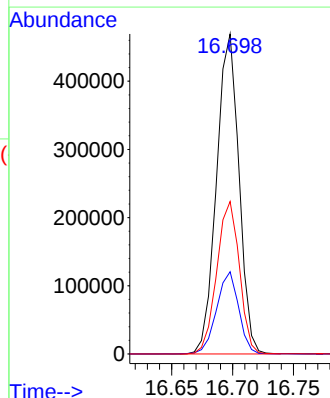
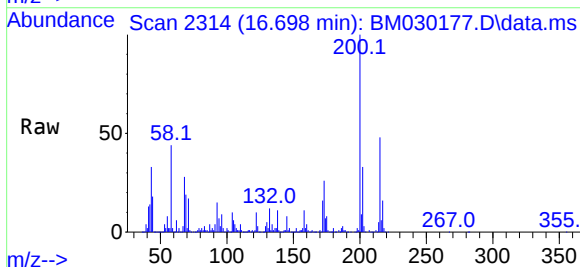
Instrument :
BNA_M
ClientSampleId :
GB439MSD

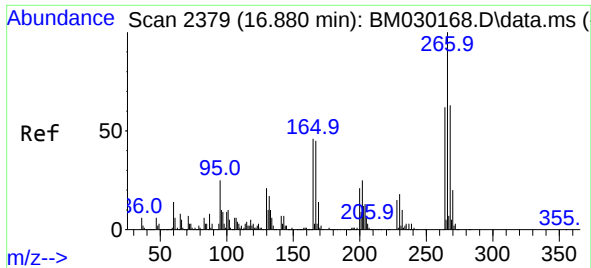
Tgt Ion:284 Resp: 705492
Ion Ratio Lower Upper
284 100
142 35.4 27.4 41.0
249 31.4 25.0 37.4



#70
Atrazine
Concen: 36.45 ng/ul
RT: 16.698 min Scan# 2314
Delta R.T. 0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:200 Resp: 602424
Ion Ratio Lower Upper
200 100
173 25.7 20.4 30.6
215 47.6 38.1 57.1

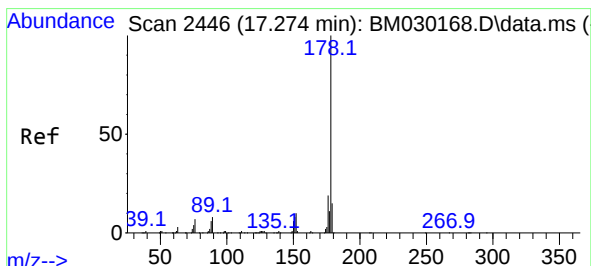
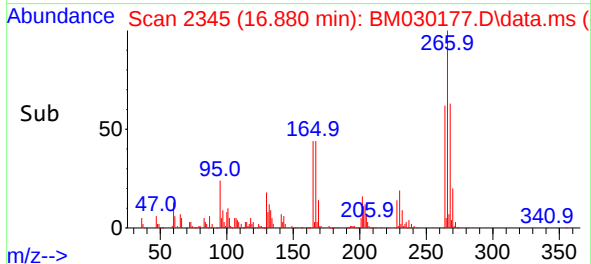
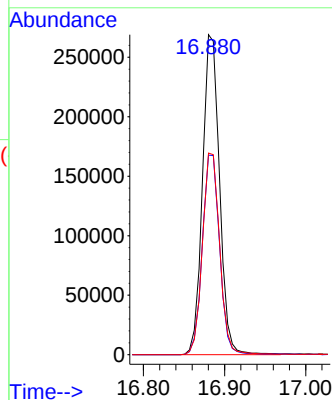
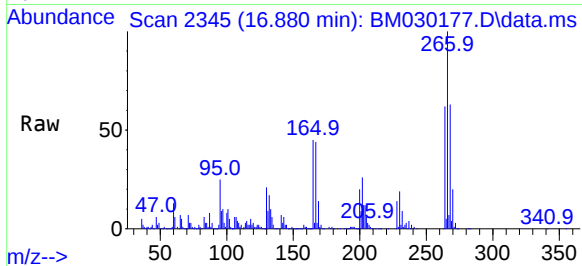




#71
 Pentachlorophenol
 Concen: 35.31 ng/ul
 RT: 16.880 min Scan# 2345
 Delta R.T. 0.000 min
 Lab File: BM030177.D
 Acq: 26 May 2021 20:00

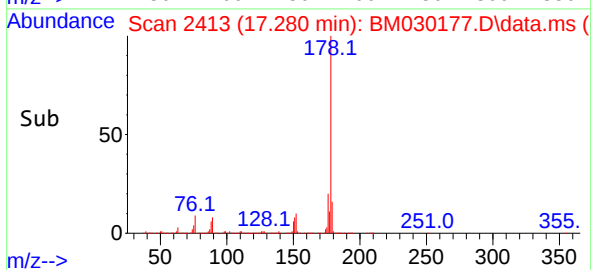
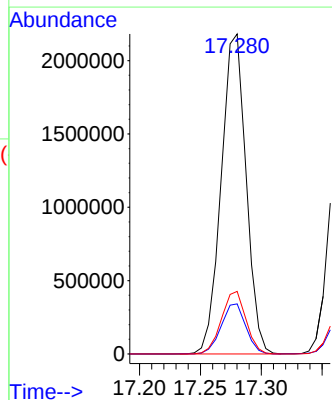
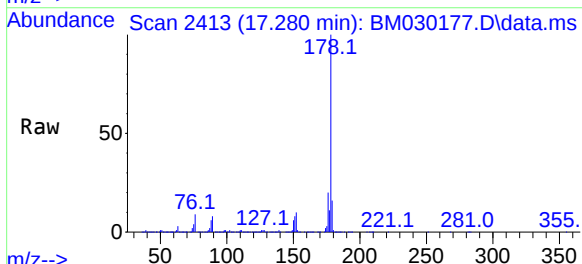
Instrument :
 BNA_M
 ClientSampleId :
 GB439MSD

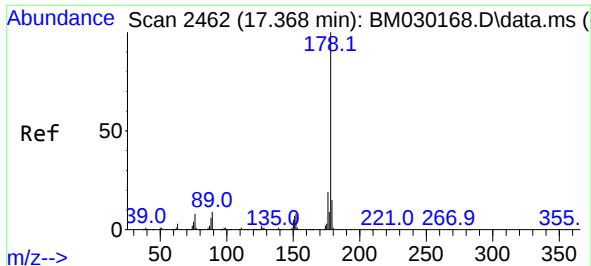
Tgt Ion:266 Resp: 391938
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.8 74.6
 268 63.0 50.8 76.2



#72
 Phenanthrene
 Concen: 37.55 ng/ul
 RT: 17.280 min Scan# 2413
 Delta R.T. 0.006 min
 Lab File: BM030177.D
 Acq: 26 May 2021 20:00

Tgt Ion:178 Resp: 3108614
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.4 18.6
 176 19.6 15.4 23.0

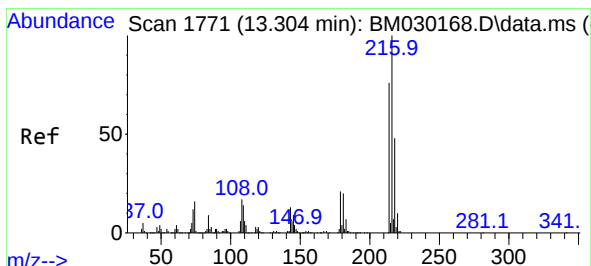
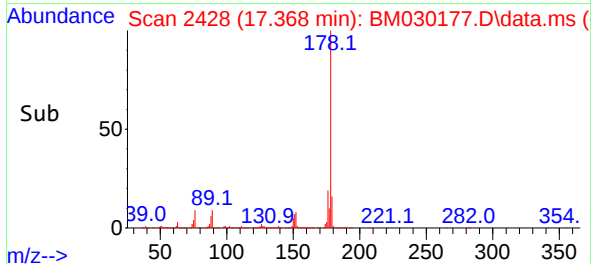
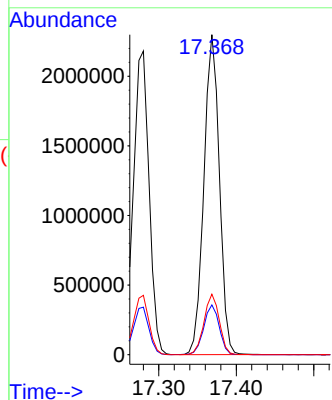
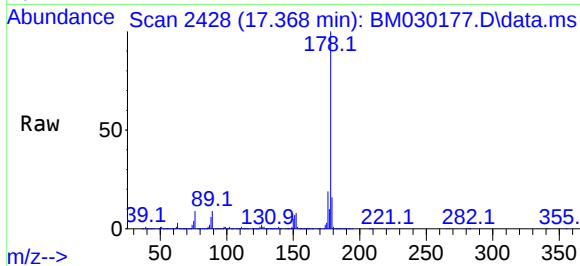




#74
 Anthracene
 Concen: 37.52 ng/u1
 RT: 17.368 min Scan# 2428
 Delta R.T. 0.000 min
 Lab File: BM030177.D
 Acq: 26 May 2021 20:00

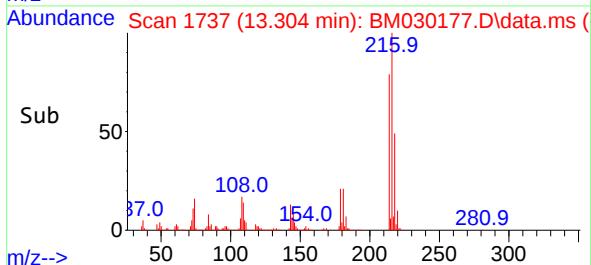
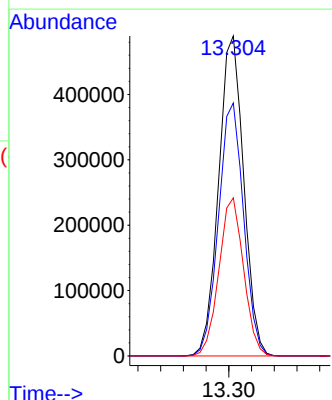
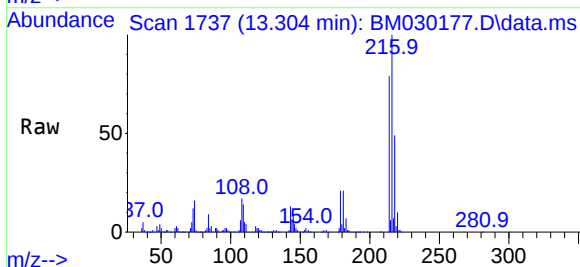
Instrument :
 BNA_M
 ClientSampleId :
 GB439MSD

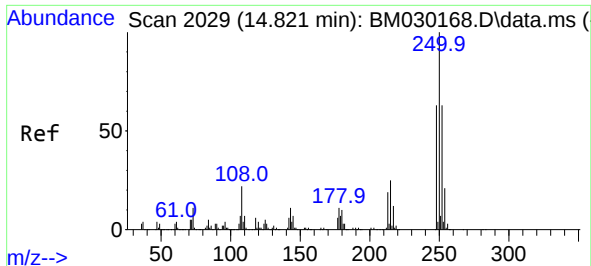
Tgt Ion:178 Resp: 3186346
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.0 18.0
 176 18.9 15.0 22.4



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 32.59 ng/uL
 RT: 13.304 min Scan# 1737
 Delta R.T. 0.000 min
 Lab File: BM030177.D
 Acq: 26 May 2021 20:00

Tgt Ion:216 Resp: 751199
 Ion Ratio Lower Upper
 216 100
 214 79.1 61.2 91.8
 218 49.4 38.6 57.8

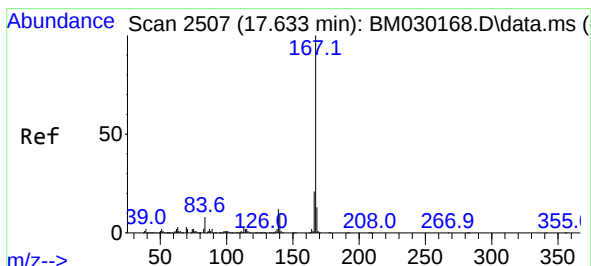
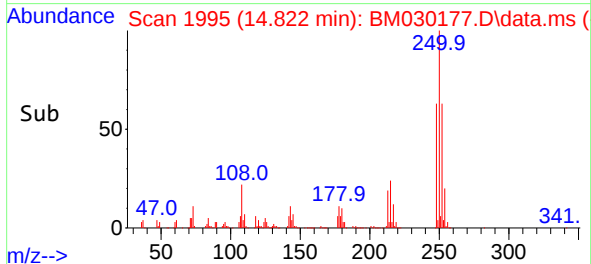
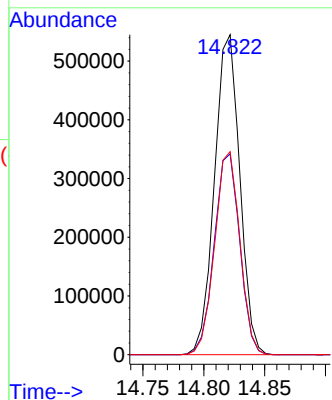
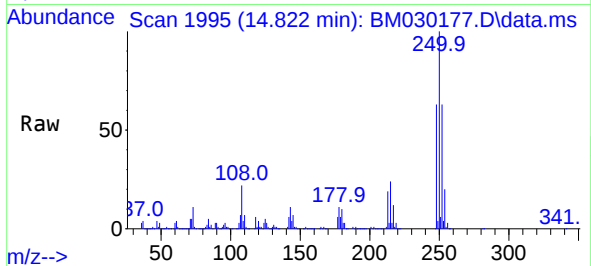




#76
 Pentachlorobenzene
 Concen: 36.87 ng/uL
 RT: 14.822 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: BM030177.D
 Acq: 26 May 2021 20:00

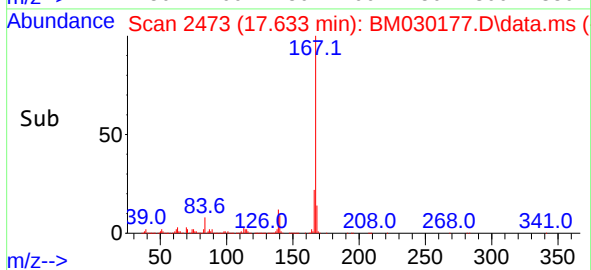
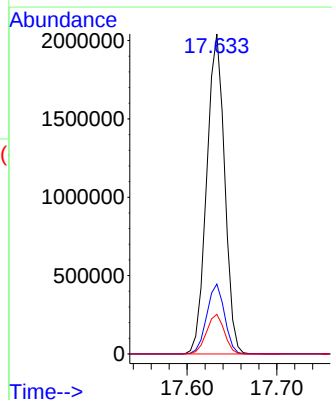
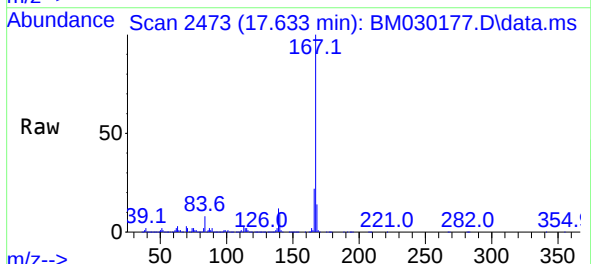
Instrument :
 BNA_M
 ClientSampleId :
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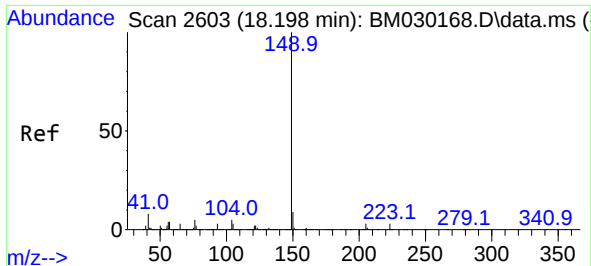
Tgt Ion:250 Resp: 788184
 Ion Ratio Lower Upper
 250 100
 248 62.7 50.7 76.1
 252 63.4 50.6 75.8



#77
 Carbazole
 Concen: 36.79 ng/uL
 RT: 17.633 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BM030177.D
 Acq: 26 May 2021 20:00

Tgt Ion:167 Resp: 2831232
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.4 9.9 14.9

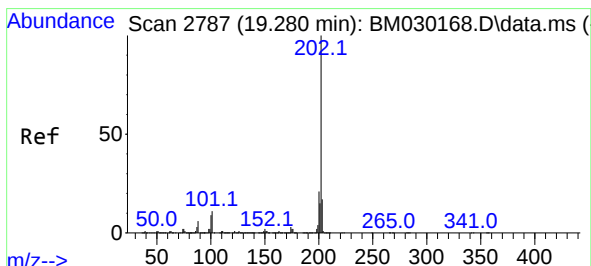
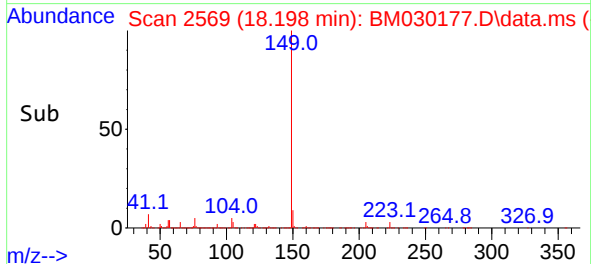
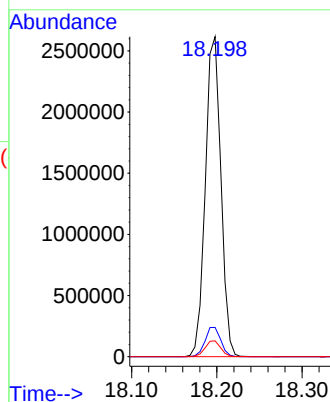
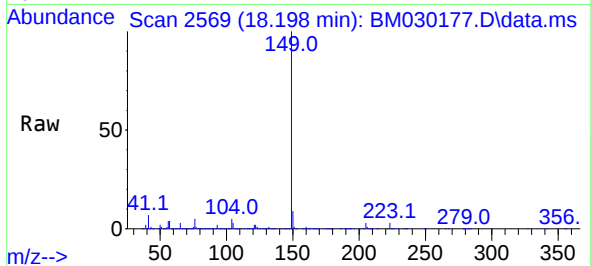




#78
Di-n-butylphthalate
Concen: 38.79 ng/ul
RT: 18.198 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

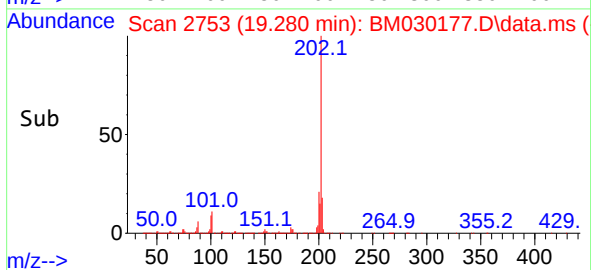
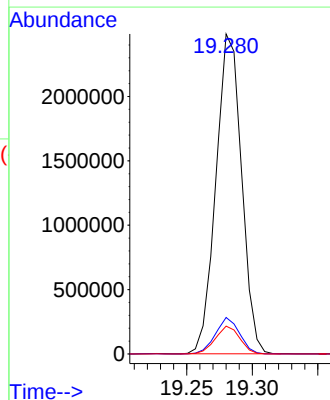
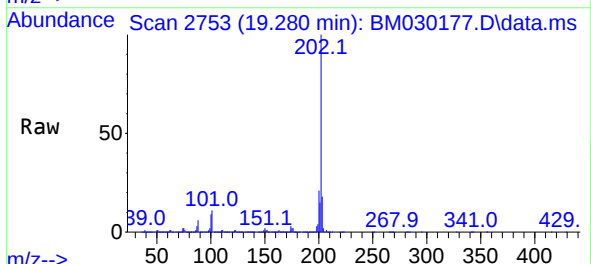
Instrument :
BNA_M
ClientSampleId :
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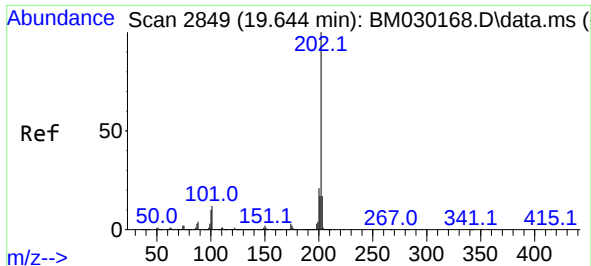
Tgt Ion:149 Resp: 3315206
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.9 4.2 6.2



#80
Fluoranthene
Concen: 44.80 ng/ul
RT: 19.280 min Scan# 2753
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:202 Resp: 3371252
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.6
100 8.7 7.1 10.7

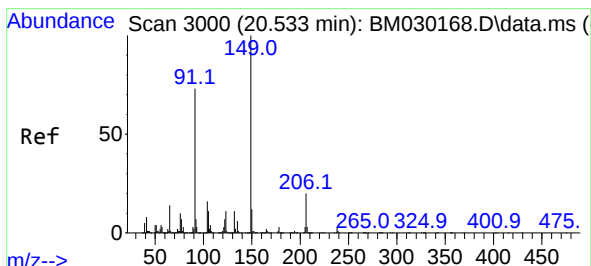
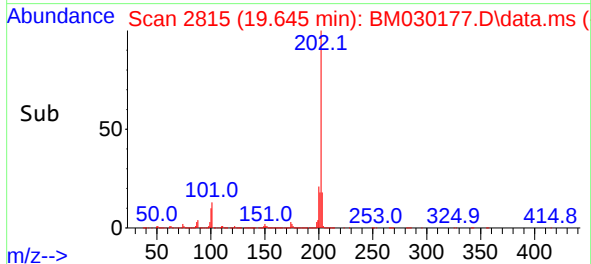
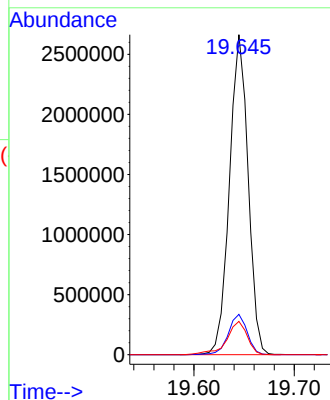
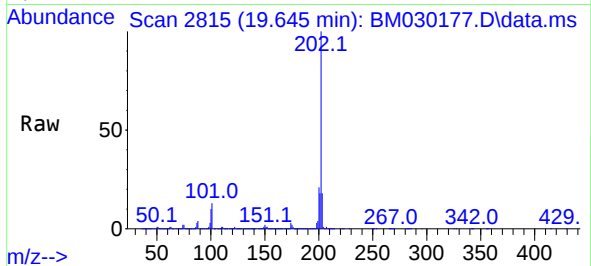




#82
Pyrene
Concen: 43.61 ng/ul
RT: 19.645 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

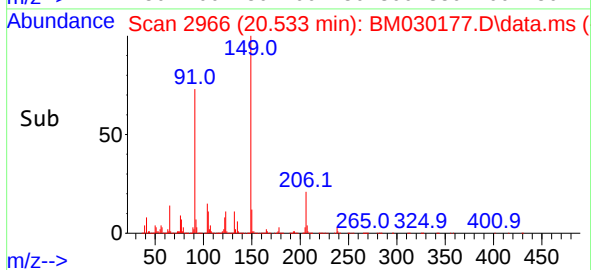
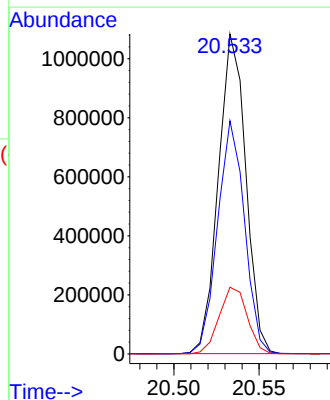
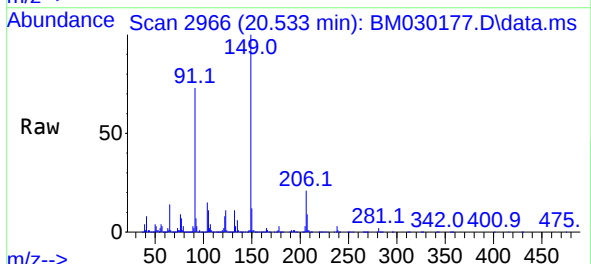
Instrument :
BNA_M
ClientSampleId :
GB439MSD

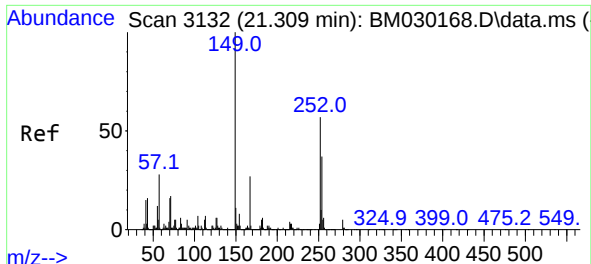
Tgt Ion:202 Resp: 3429883
Ion Ratio Lower Upper
202 100
101 12.6 9.9 14.9
100 10.4 8.2 12.4



#83
Butylbenzylphthalate
Concen: 45.24 ng/ul
RT: 20.533 min Scan# 2966
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:149 Resp: 1214645
Ion Ratio Lower Upper
149 100
91 72.9 58.1 87.1
206 20.8 15.9 23.9

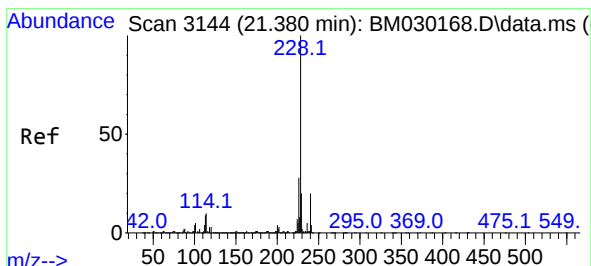
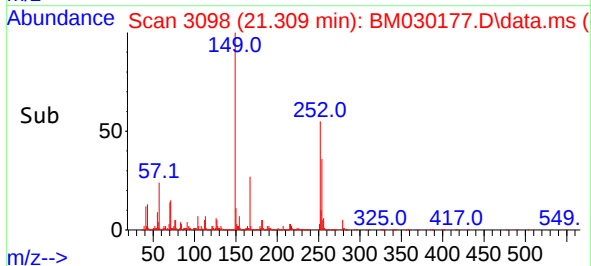
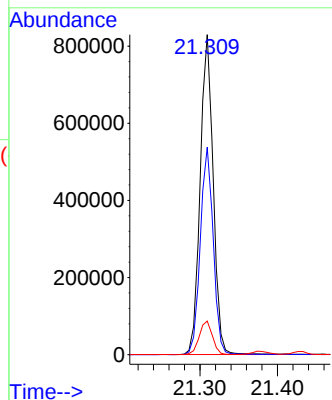
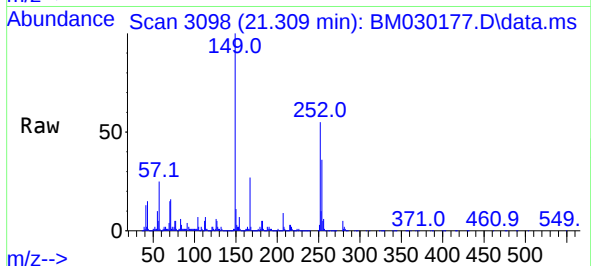




#84
3,3'-Dichlorobenzidine
Concen: 39.63 ng/ul
RT: 21.309 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

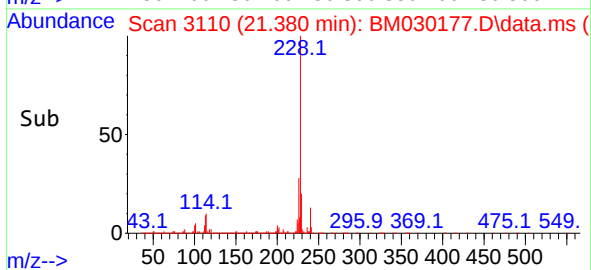
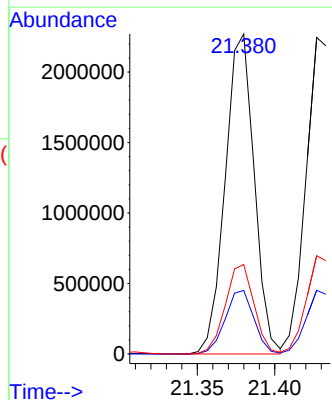
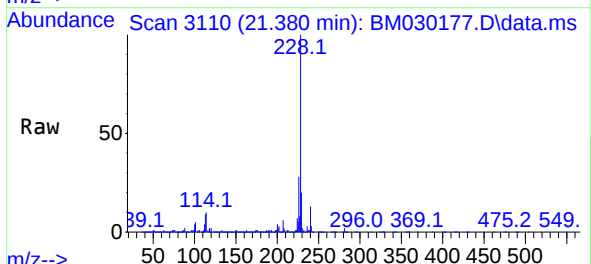
Instrument :
BNA_M
ClientSampleId :
GB439MSD

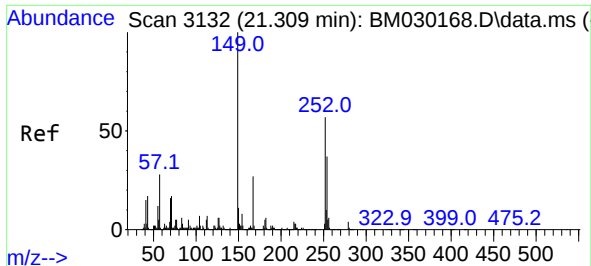
Tgt Ion:252 Resp: 963729
Ion Ratio Lower Upper
252 100
254 64.8 51.1 76.7
126 10.5 8.9 13.3



#85
Benzo(a)anthracene
Concen: 39.05 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:228 Resp: 2954808
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 28.0 22.4 33.6

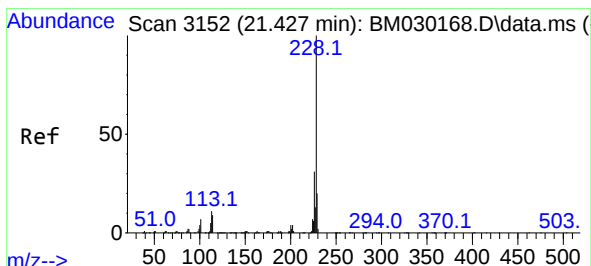
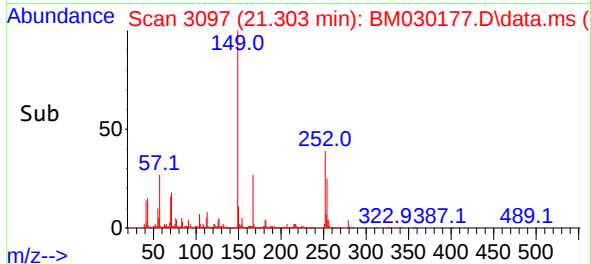
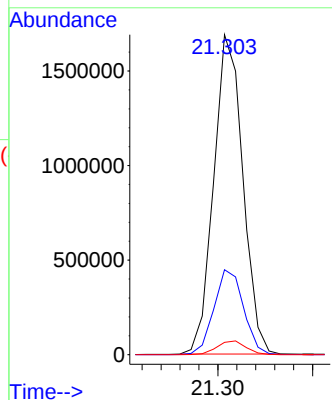
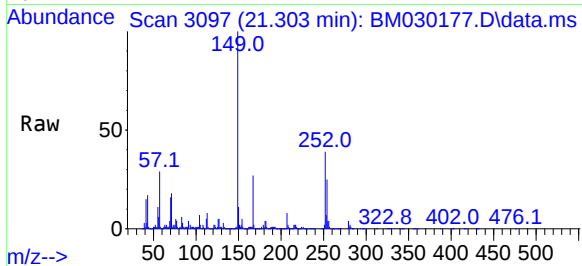




#86
Bis(2-ethylhexyl)phthalate
Concen: 41.92 ng/ul
RT: 21.303 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

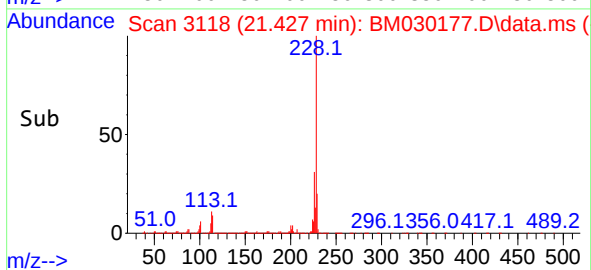
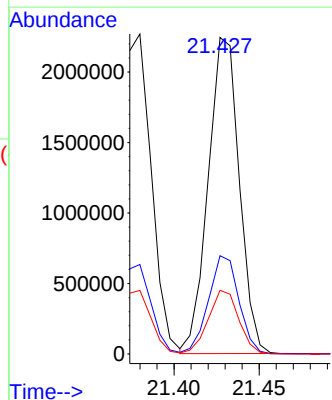
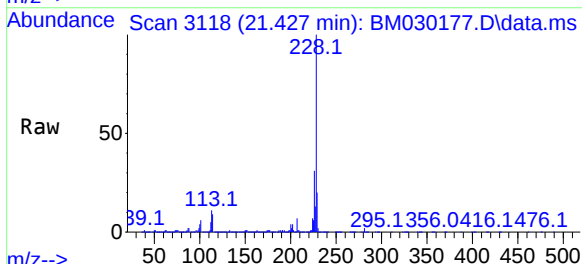
Instrument :
BNA_M
ClientSampleId :
GB439MSD

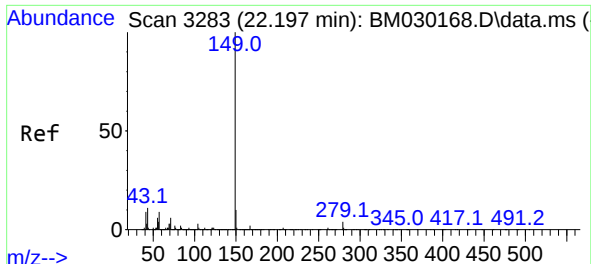
Tgt Ion:149 Resp: 1805969
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 3.9 3.6 5.4



#87
Chrysene
Concen: 38.70 ng/ul
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:228 Resp: 2850584
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 20.1 15.7 23.5

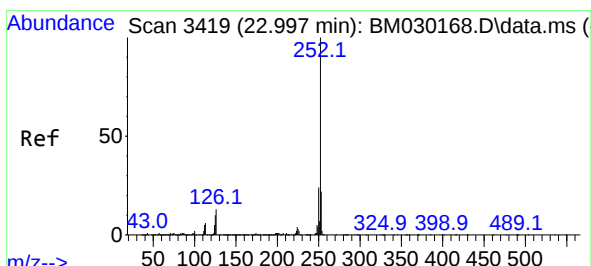
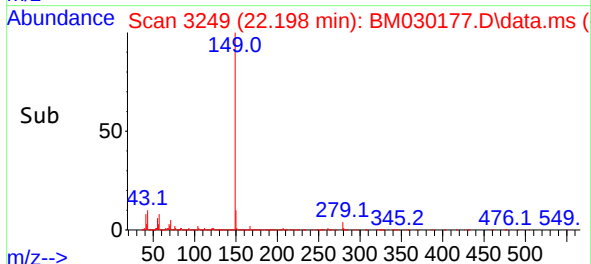
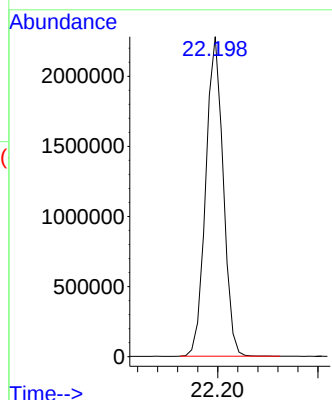
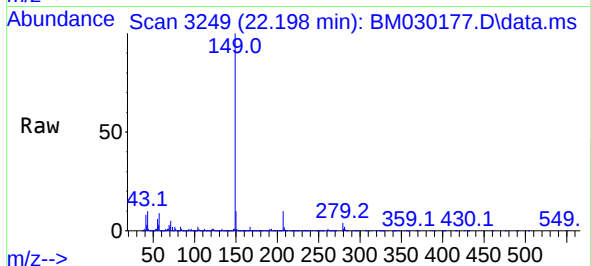




#89
Di-n-octyl phthalate
Concen: 41.09 ng/ul
RT: 22.198 min Scan# 3249
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

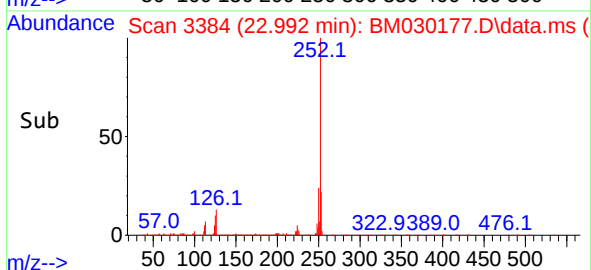
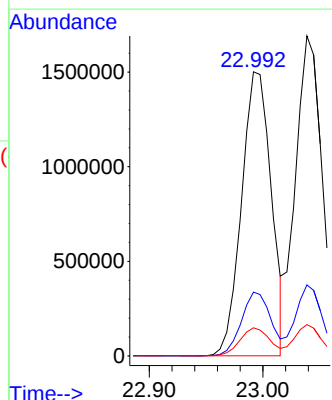
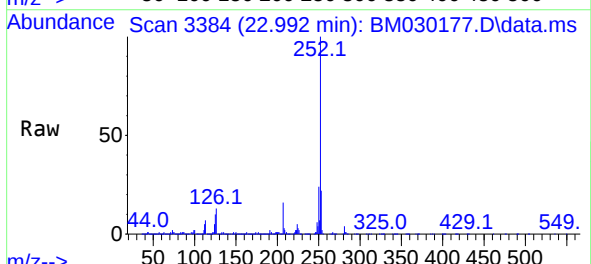
Instrument :
BNA_M
ClientSampleId :
GB439MSD

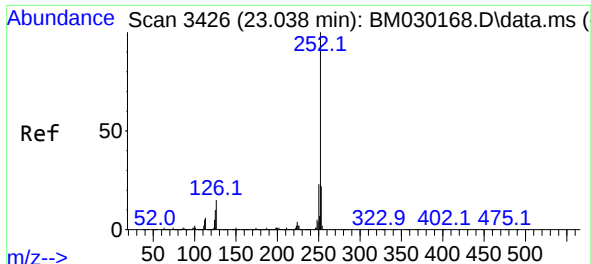
Tgt Ion:149 Resp: 2749918



#90
Benzo(b)fluoranthene
Concen: 39.13 ng/ul
RT: 22.992 min Scan# 3384
Delta R.T. -0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:252 Resp: 2729562
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.9 8.0 12.0

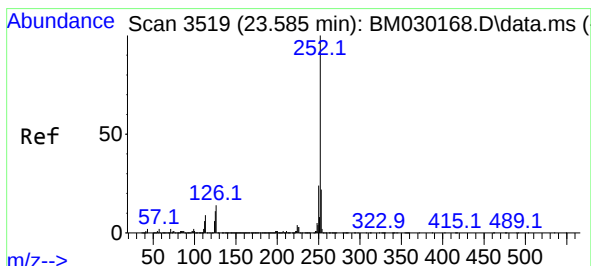
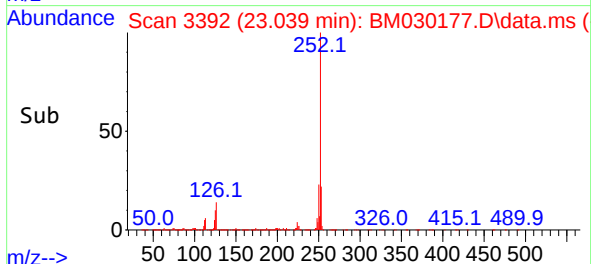
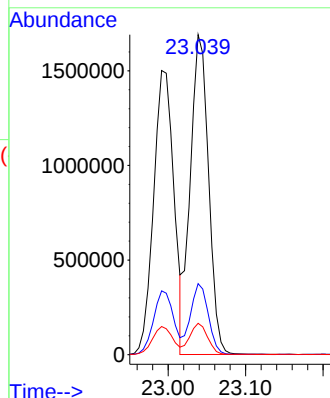
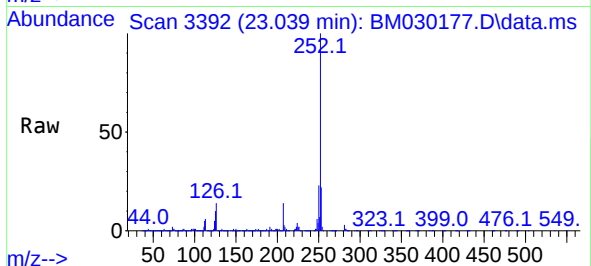




#91
Benzo(k)fluoranthene
Concen: 40.18 ng/ul
RT: 23.039 min Scan# 3392
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

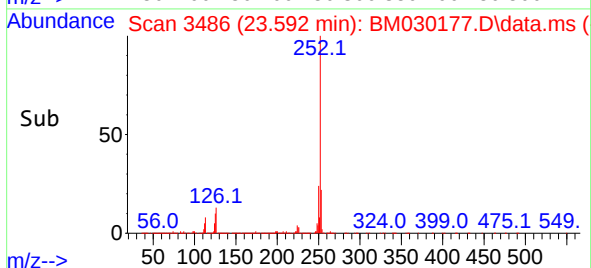
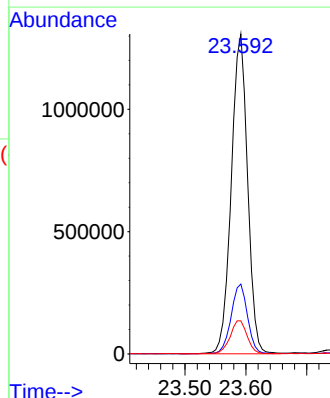
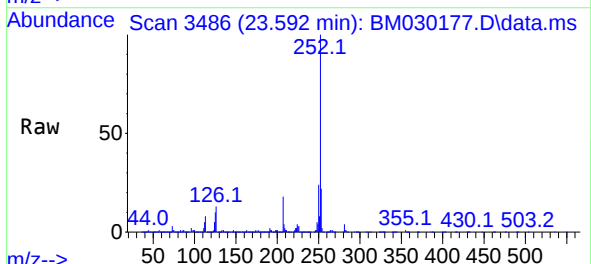
Instrument :
BNA_M
ClientSampleId :
GB439MSD

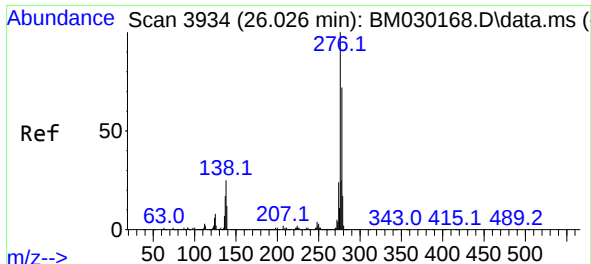
Tgt Ion:252 Resp: 2763982
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.8 7.9 11.9



#93
Benzo(a)pyrene
Concen: 39.47 ng/ul
RT: 23.592 min Scan# 3486
Delta R.T. 0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:252 Resp: 2430129
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.3 9.2 13.8

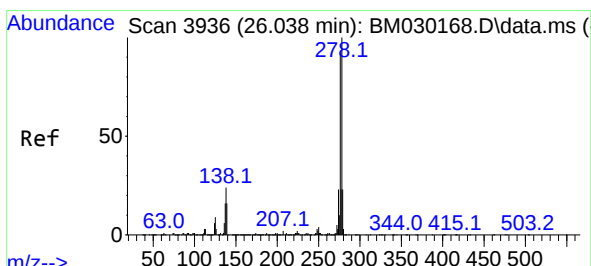
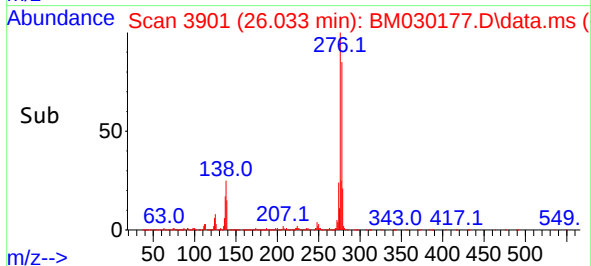
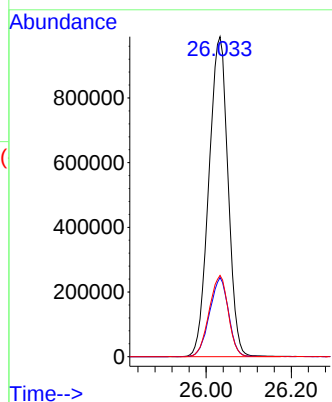
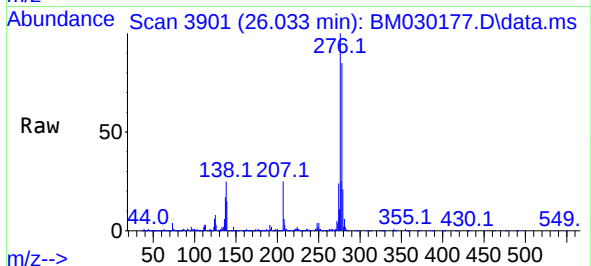




#94
Indeno(1,2,3-cd)pyrene
Concen: 40.02 ng/ul
RT: 26.033 min Scan# 3901
Delta R.T. 0.006 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

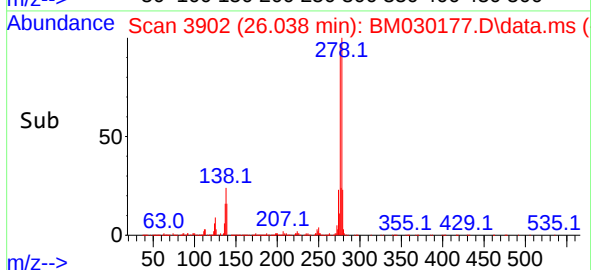
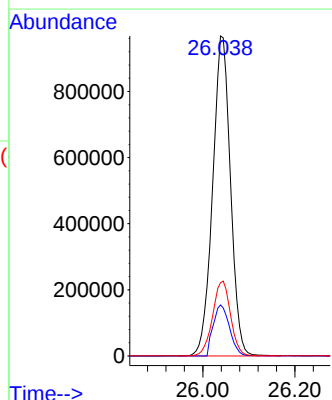
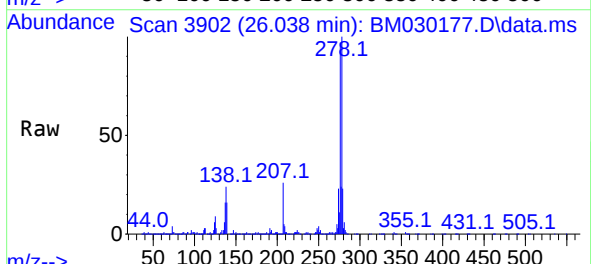
Instrument :
BNA_M
ClientSampleId :
GB439MSD

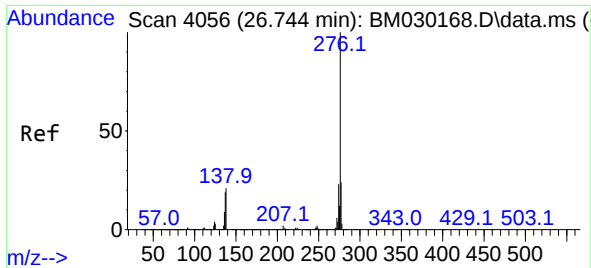
Tgt Ion:276 Resp: 3086517
Ion Ratio Lower Upper
276 100
138 24.8 19.8 29.6
277 25.4 20.2 30.4



#95
Dibenzo(a,h)anthracene
Concen: 40.34 ng/ul
RT: 26.038 min Scan# 3902
Delta R.T. 0.000 min
Lab File: BM030177.D
Acq: 26 May 2021 20:00

Tgt Ion:278 Resp: 2600741
Ion Ratio Lower Upper
278 100
139 15.9 13.1 19.7
279 22.9 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 39.93 ng/ul
 RT: 26.750 min Scan# 4023
 Delta R.T. 0.006 min
 Lab File: BM030177.D
 Acq: 26 May 2021 20:00

Instrument :
 BNA_M
 ClientSampleId :
 GB439MSD

Tgt Ion:276 Resp: 2515888

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.8	25.2
277	23.5	19.0	28.4

