

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
 Data File : BM030215.D
 Acq On : 28 May 2021 00:05
 Operator : CG/JU
 Sample : M2528-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARK5MSD

Quant Time: May 28 02:10:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 27 10:27:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	273262	20.00	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1151153	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	723660	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1364940	20.00	ng/ul	0.00
79) Chrysene-d12	21.386	240	1211427	20.00	ng/ul	0.00
88) Perylene-d12	23.674	264	1150723	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	21631	3.24	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	7.028	99	156437	6.51	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	444803	29.33	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	452248	25.13	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	294728	15.45	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	283090	37.68	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	284968	39.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	571232	30.94	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	40563	1.48	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1988998	35.95	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	2390961	33.53	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	68327	7.64	ng/ul	0.00
60) Fluorene-d10	15.480	176	1699038	35.18	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	293930	44.42	ng/ul	0.00
73) Anthracene-d10	17.327	188	2561333	37.91	ng/ul	0.00
81) Pyrene-d10	19.609	212	2690790	41.44	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	2528665	38.77	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	18683	2.60	ng/uL	98
6) Benzaldehyde	7.010	77	451850	35.24	ng/ul	99
8) Phenol	7.051	94	172619	7.07	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.292	93	533858	27.25	ng/ul	99
12) 2-Chlorophenol	7.434	128	432872	23.49	ng/ul	99
13) 2-Methylphenol	8.304	108	311483	16.88	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.398	45	892369	27.41	ng/ul	99
16) Acetophenone	8.692	105	870553	28.23	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	469052	28.84	ng/ul	96
18) 4-Methylphenol	8.628	108	294491	14.82	ng/ul	95
19) Hexachloroethane	8.951	117	197084	24.98	ng/ul	95
22) Nitrobenzene	9.069	77	645812	31.75	ng/ul	98
23) Isophorone	9.592	82	1225149	28.56	ng/ul	99
25) 2-Nitrophenol	9.780	139	293704	36.35	ng/ul	99
26) 2,4-Dimethylphenol	9.833	107	464546	21.61	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	764516	29.08	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	514122	28.85	ng/ul	98
30) Naphthalene	10.716	128	1789560	28.33	ng/ul	99
32) 4-Chloroaniline	10.816	127	54034	1.90	ng/ul	96
33) Hexachlorobutadiene	11.004	225	328430	27.05	ng/ul	99
34) Caprolactam	11.598	113	10168	1.87	ng/ul	84
35) 4-Chloro-3-methylphenol	11.927	107	484019	25.91	ng/ul	99
36) 2-Methylnaphthalene	12.321	142	1353267	28.66	ng/ul	100
37) 1-Methylnaphthalene	12.539	142	1308222	28.49	ng/ul	99

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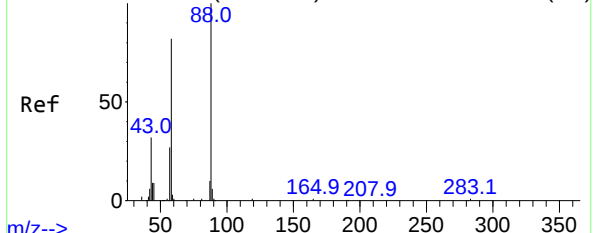
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.686	216	722653	30.78	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	390612	23.74	ng/ul	98
41) 2,4,6-Trichlorophenol	12.921	196	459564	34.87	ng/ul	98
42) 2,4,5-Trichlorophenol	12.992	196	504767	35.40	ng/ul	100
43) 1,1'-Biphenyl	13.327	154	1772568	30.71	ng/ul	100
44) 2-Chloronaphthalene	13.368	162	1349452	30.42	ng/ul	98
45) 2-Nitroaniline	13.568	65	386470	37.92	ng/ul	94
47) Dimethylphthalate	13.951	163	2032428	37.19	ng/ul	100
48) 2,6-Dinitrotoluene	14.068	165	362325	41.60	ng/ul	91
50) Acenaphthylene	14.215	152	2160141	31.37	ng/ul	100
51) 3-Nitroaniline	14.392	138	169712	16.72	ng/ul#	95
52) Acenaphthene	14.557	153	1523840	31.32	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	174678	31.94	ng/ul	96
55) 4-Nitrophenol	14.686	109	52034	5.30	ng/ul	94
56) Dibenzofuran	14.892	168	2146461	31.88	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	502673	39.80	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.115	232	460641	38.26	ng/ul	98
59) Diethylphthalate	15.310	149	1862634	33.65	ng/ul	99
61) Fluorene	15.539	166	1858870	32.54	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	915631	32.69	ng/ul	100
63) 4-Nitroaniline	15.551	138	300896	28.83	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.610	198	273178	40.02	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	1622433	36.44	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	561611	36.56	ng/ul	97
69) Hexachlorobenzene	16.539	284	628382	35.78	ng/ul	99
70) Atrazine	16.686	200	538318	33.71	ng/ul	99
71) Pentachlorophenol	16.874	266	355633	33.16	ng/ul	99
72) Phenanthrene	17.268	178	2824145	35.31	ng/ul	100
74) Anthracene	17.362	178	2871852	35.00	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	678171	30.45	ng/uL	99
76) Pentachlorobenzene	14.810	250	712600	34.50	ng/uL	99
77) Carbazole	17.627	167	2557796	34.40	ng/ul	100
78) Di-n-butylphthalate	18.186	149	3044303	36.86	ng/ul	100
80) Fluoranthene	19.274	202	3101535	39.07	ng/ul	99
82) Pyrene	19.639	202	3177266	38.30	ng/ul	100
83) Butylbenzylphthalate	20.527	149	1179142	41.64	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.297	252	964407	37.60	ng/ul	98
85) Benzo(a)anthracene	21.368	228	2900398	36.34	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	1877428	41.32	ng/ul	99
87) Chrysene	21.421	228	2816521	36.25	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	3006818	40.64	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	2877323	37.31	ng/ul	100
91) Benzo(k)fluoranthene	23.027	252	2837782	37.32	ng/ul	100
93) Benzo(a)pyrene	23.574	252	2543384	37.37	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.009	276	3322769	38.97	ng/ul	99
95) Dibenzo(a,h)anthracene	26.021	278	2796634	39.24	ng/ul	99
96) Benzo(g,h,i)perylene	26.721	276	2696028	38.70	ng/ul	100

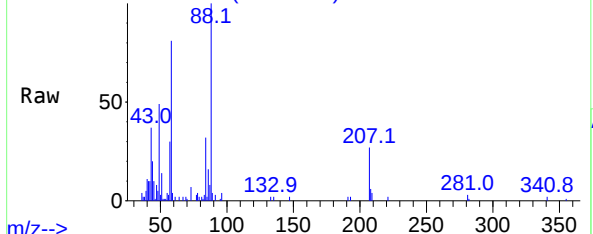
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Abundance Scan 48 (3.369 min): BM030208.D\data.ms (-41)



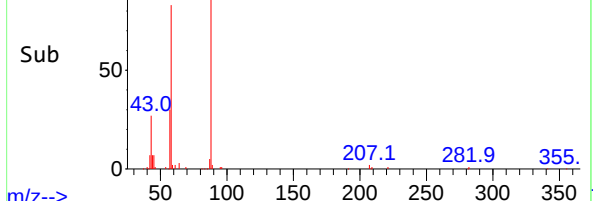
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Abundance Scan 49 (3.375 min): BM030215.D\data.ms



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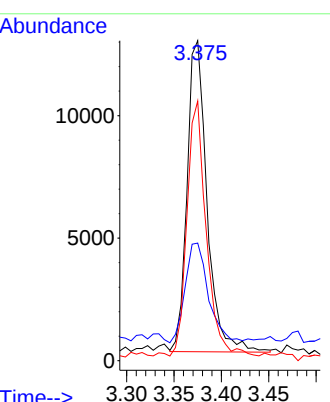
Abundance Scan 49 (3.375 min): BM030215.D\data.ms (-15)



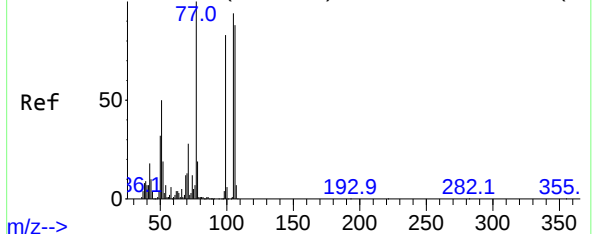
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#2
1,4-Dioxane
Concen: 2.60 ng/uL
RT: 3.375 min Scan# 49
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:	88	Resp:	18683
Ion	Ratio	Lower	Upper
88	100		
43	36.7	30.7	46.1
58	81.2	66.0	99.0

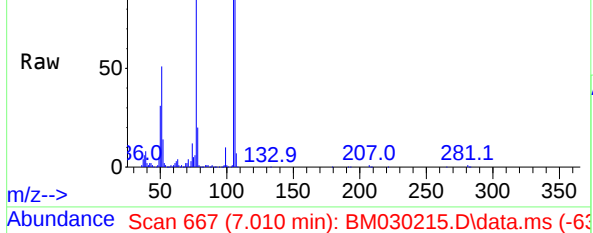


Abundance Scan 668 (7.016 min): BM030208.D\data.ms (-66)



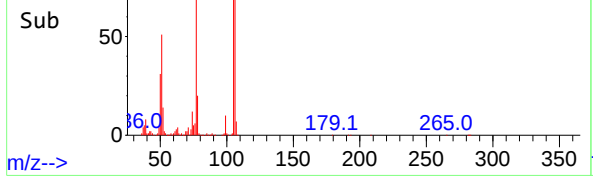
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Abundance Scan 667 (7.010 min): BM030215.D\data.ms



m/z-->

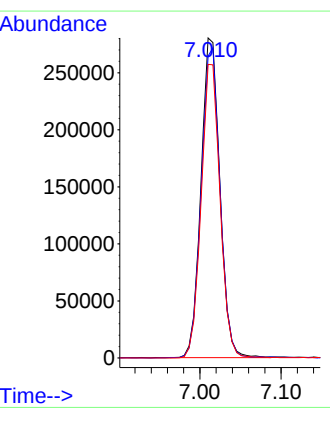
Abundance Scan 667 (7.010 min): BM030215.D\data.ms (-63)

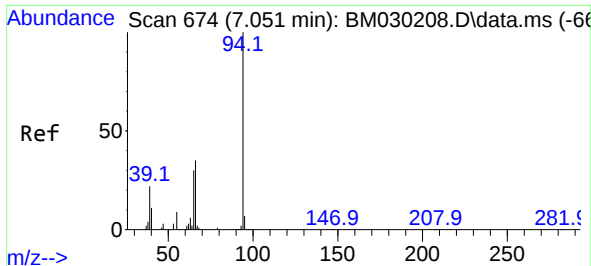


m/z-->

#6
Benzaldehyde
Concen: 35.24 ng/uL
RT: 7.010 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:	77	Resp:	451850
Ion	Ratio	Lower	Upper
77	100		
105	94.3	73.9	110.9
106	91.8	72.7	109.1

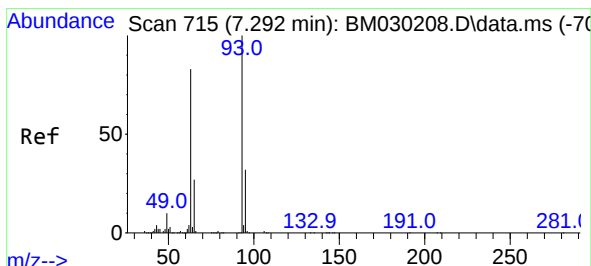
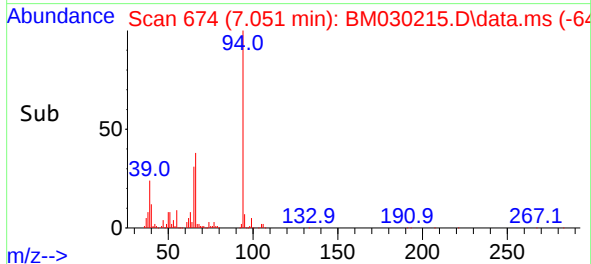
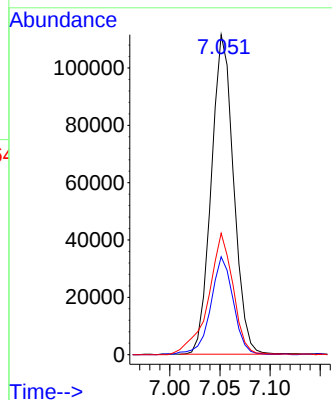
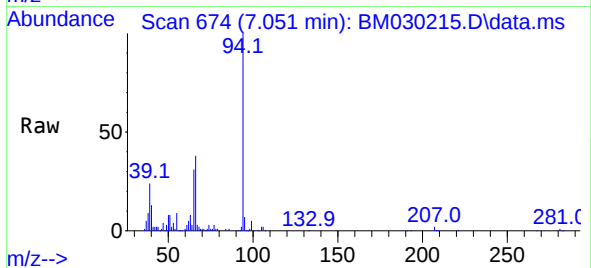




#8
Phenol
Concen: 7.07 ng/ul
RT: 7.051 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

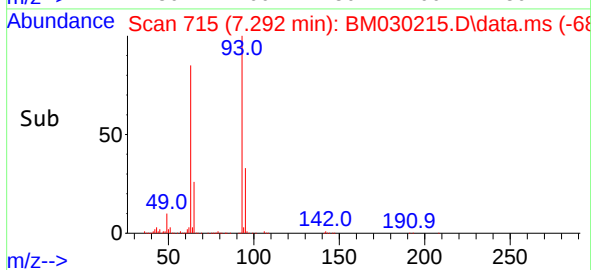
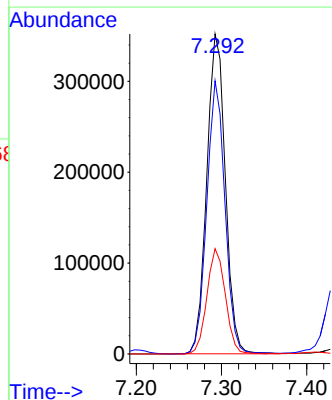
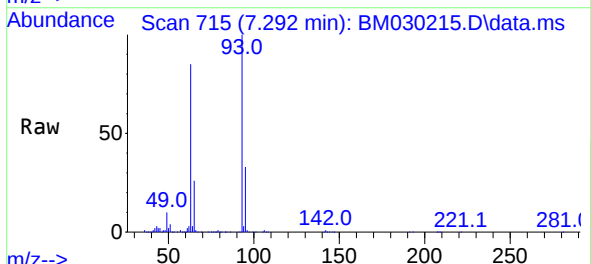
Instrument :
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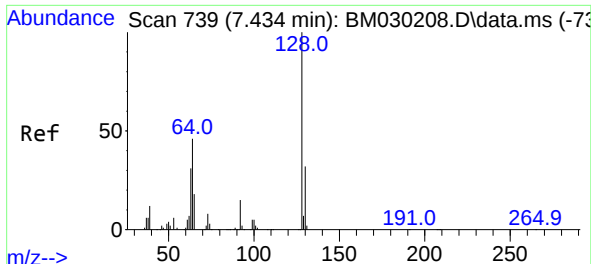
Tgt Ion: 94 Resp: 172619
Ion Ratio Lower Upper
94 100
65 30.6 23.3 34.9
66 37.9 29.8 44.6



#10
Bis(2-Chloroethyl)ether
Concen: 27.25 ng/ul
RT: 7.292 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion: 93 Resp: 533858
Ion Ratio Lower Upper
93 100
63 85.3 67.9 101.9
95 32.9 25.4 38.0

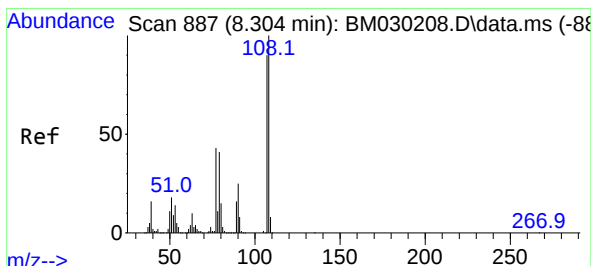
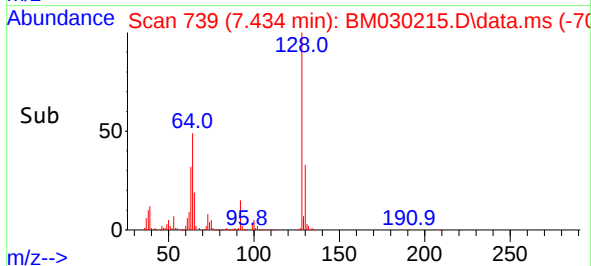
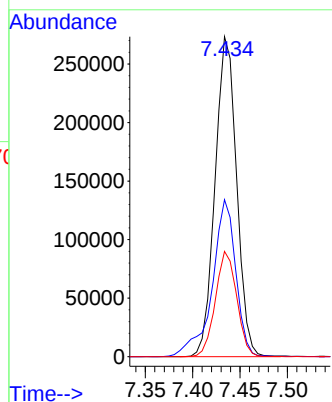
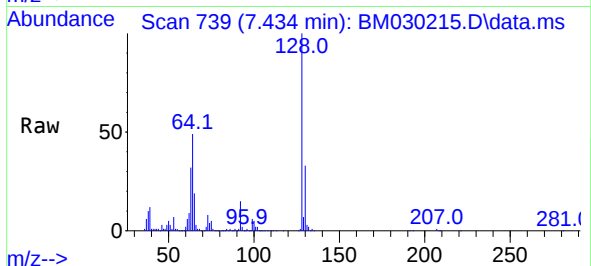




#12
2-Chlorophenol
Concen: 23.49 ng/ul
RT: 7.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

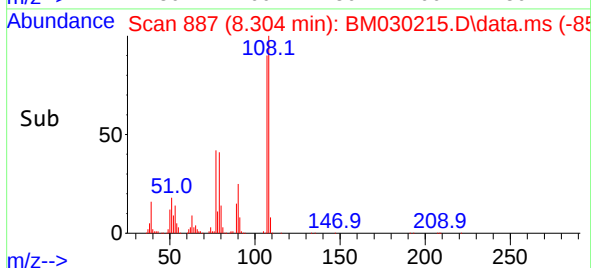
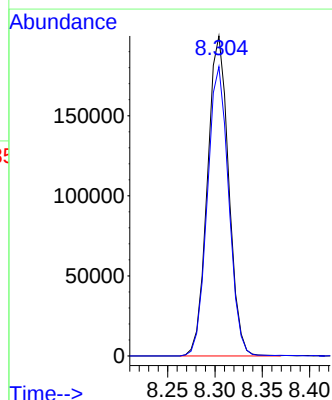
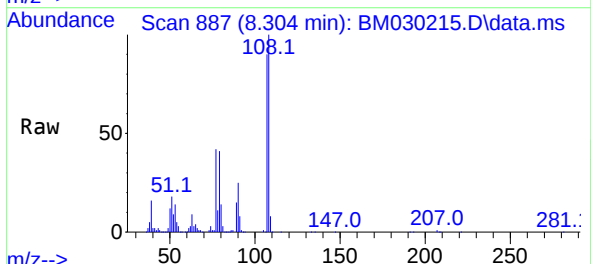
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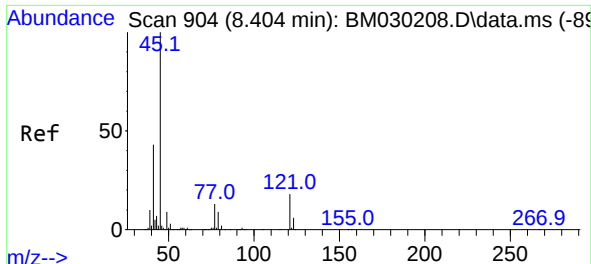
Tgt Ion:128 Resp: 432872
Ion Ratio Lower Upper
128 100
64 49.1 38.5 57.7
130 32.9 25.7 38.5



#13
2-Methylphenol
Concen: 16.88 ng/ul
RT: 8.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:108 Resp: 311483
Ion Ratio Lower Upper
108 100
107 90.4 70.9 106.3

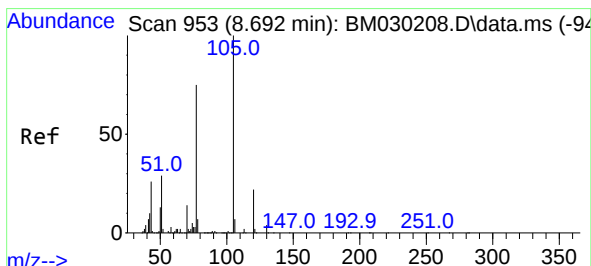
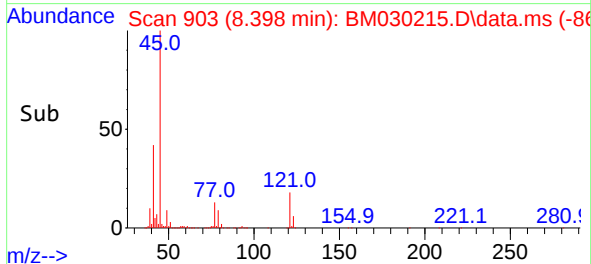
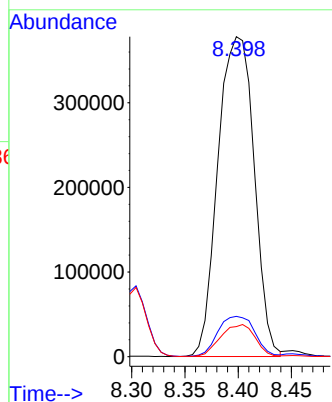
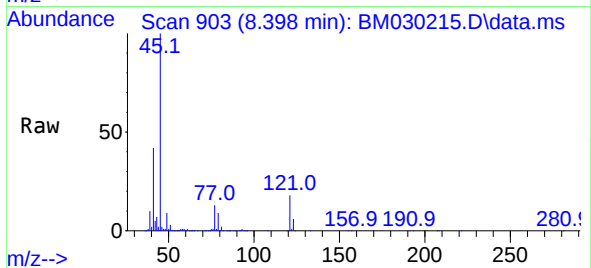




#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.41 ng/ul
RT: 8.398 min Scan# 903
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

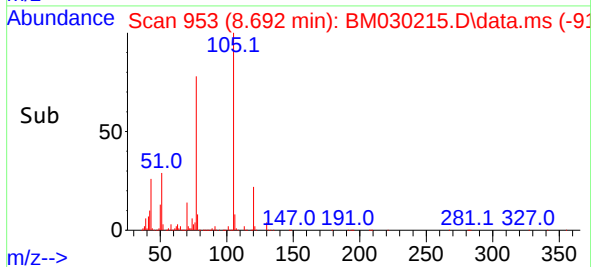
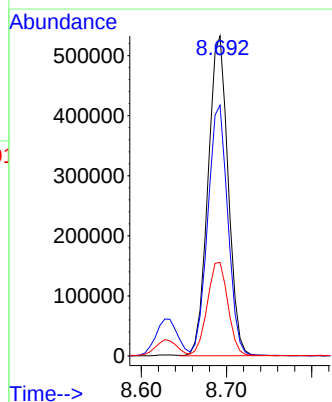
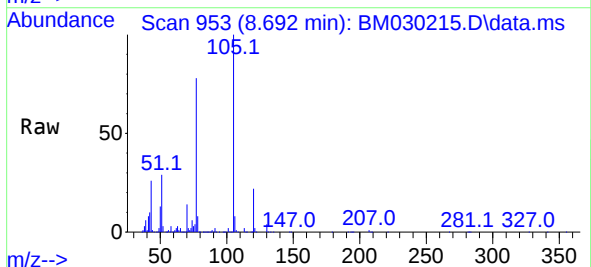
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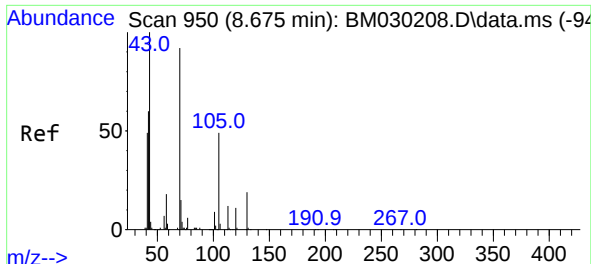
Tgt Ion: 45 Resp: 892369
Ion Ratio Lower Upper
45 100
77 12.6 9.8 14.8
79 9.4 7.6 11.4



#16
Acetophenone
Concen: 28.23 ng/ul
RT: 8.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion: 105 Resp: 870553
Ion Ratio Lower Upper
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77 78.3 63.4 95.0
51 29.3 24.8 37.2

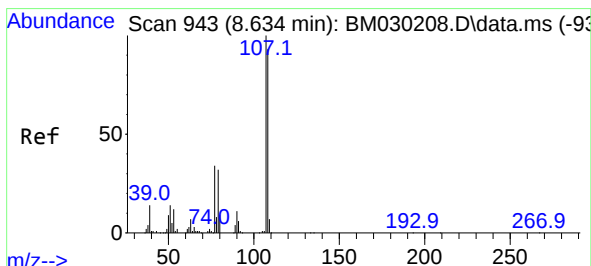
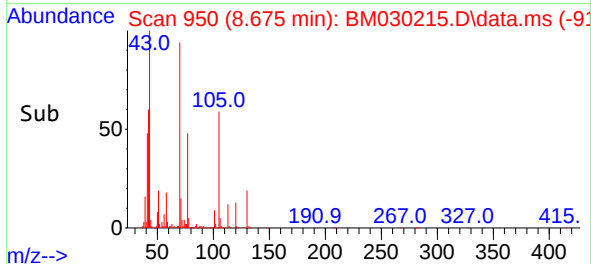
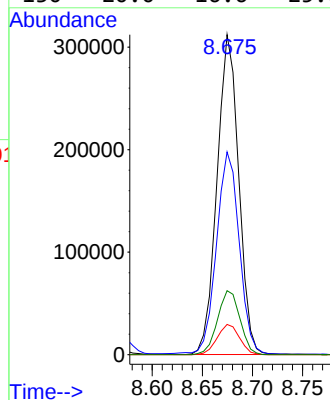
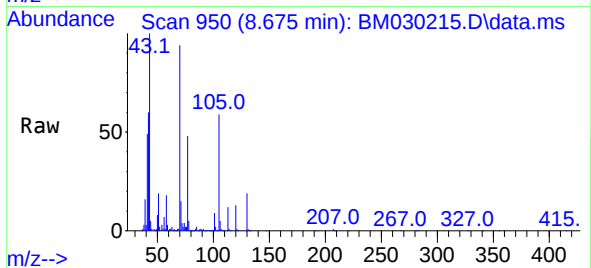




#17
N-Nitroso-di-n-propylamine
Concen: 28.84 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

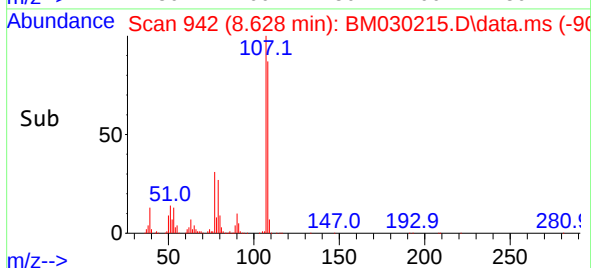
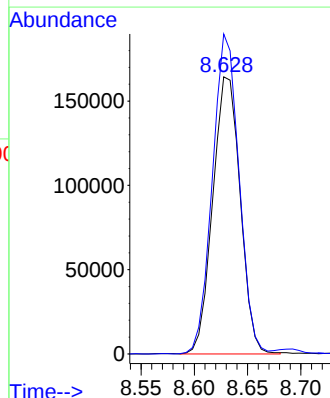
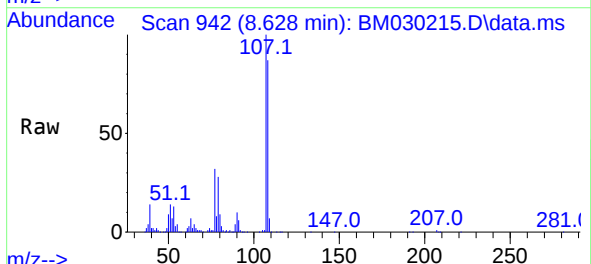
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

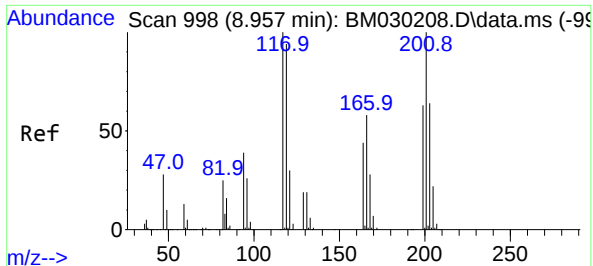
Tgt Ion: 70 Resp: 469052
Ion Ratio Lower Upper
70 100
42 63.3 53.8 80.6
101 9.4 7.4 11.2
130 20.0 16.6 25.0



#18
4-Methylphenol
Concen: 14.82 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion: 108 Resp: 294491
Ion Ratio Lower Upper
108 100
107 115.5 88.6 132.8

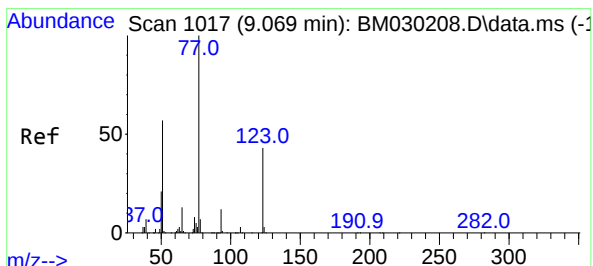
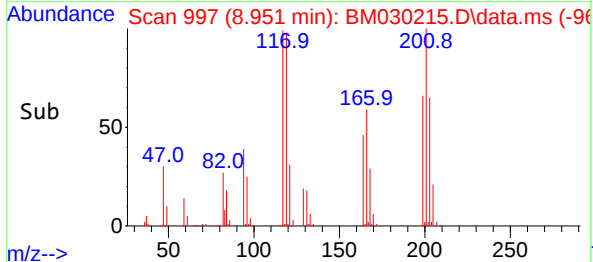
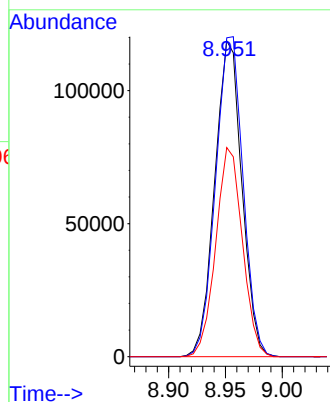
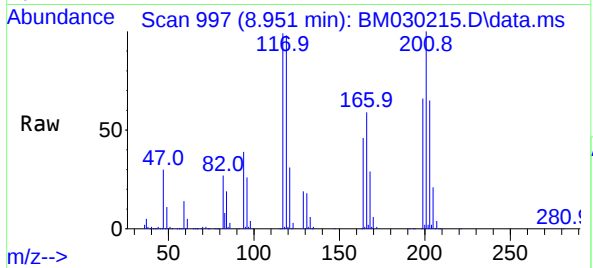




#19
Hexachloroethane
Concen: 24.98 ng/ul
RT: 8.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

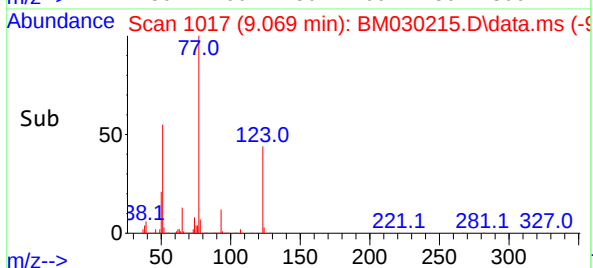
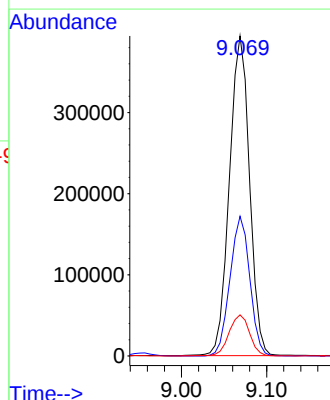
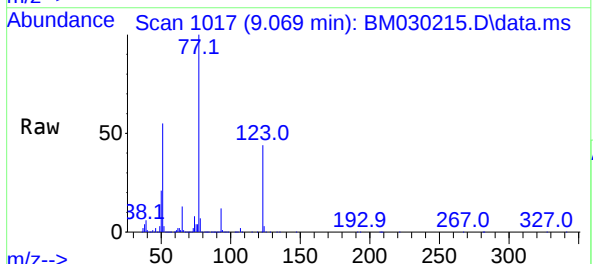
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

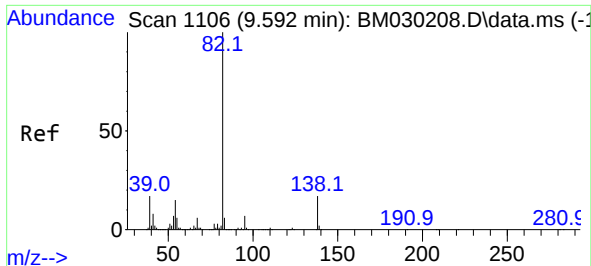
Tgt Ion:117 Resp: 197084
Ion Ratio Lower Upper
117 100
201 101.0 85.0 127.6
199 66.2 50.2 75.2



#22
Nitrobenzene
Concen: 31.75 ng/ul
RT: 9.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion: 77 Resp: 645812
Ion Ratio Lower Upper
77 100
123 43.6 33.8 50.8
65 12.8 11.1 16.7

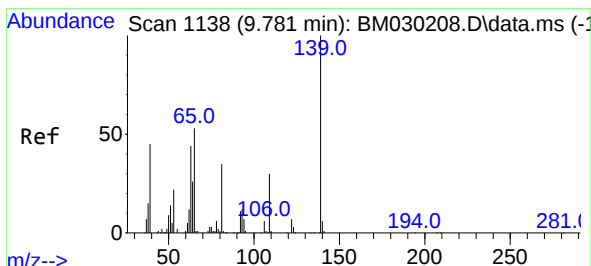
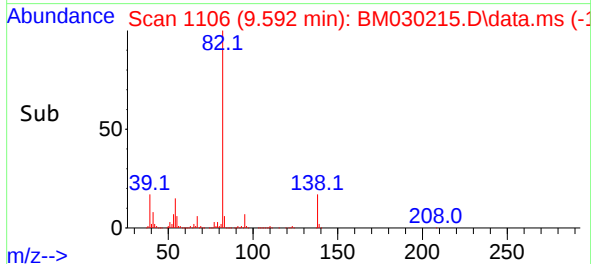
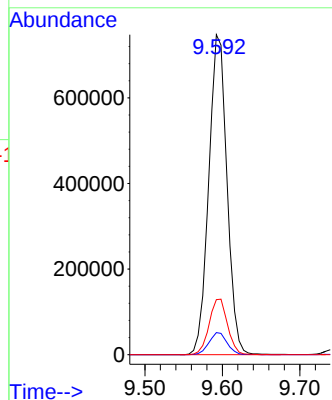
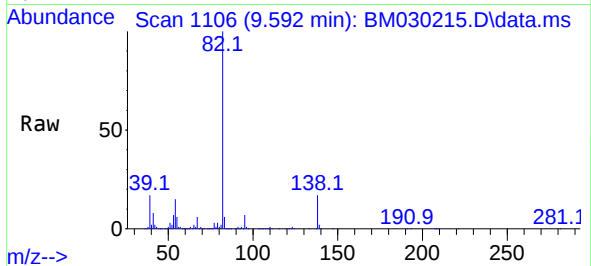




#23
Isophorone
Concen: 28.56 ng/ul
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

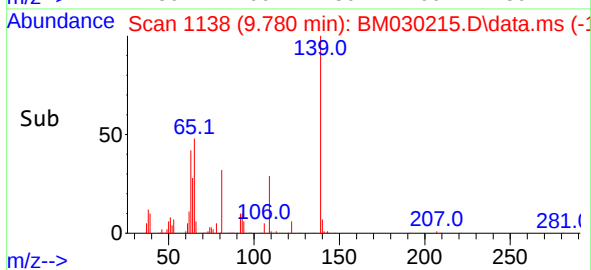
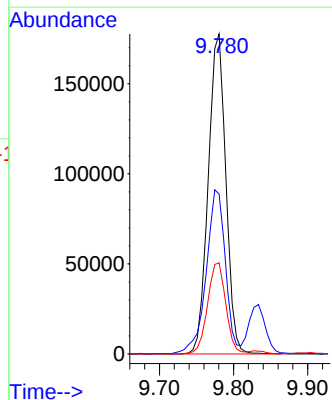
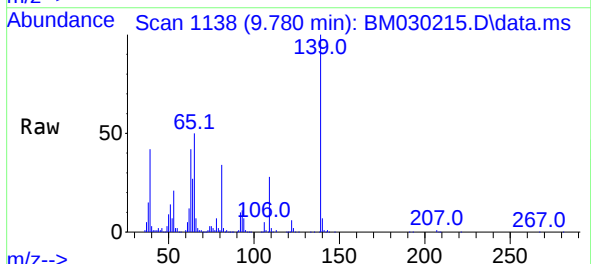
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

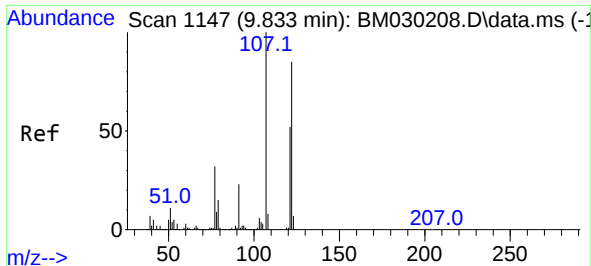
Tgt Ion: 82 Resp: 1225149
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.2 14.2 21.2



#25
2-Nitrophenol
Concen: 36.35 ng/ul
RT: 9.780 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:139 Resp: 293704
Ion Ratio Lower Upper
139 100
65 50.0 40.6 61.0
109 28.5 23.0 34.4

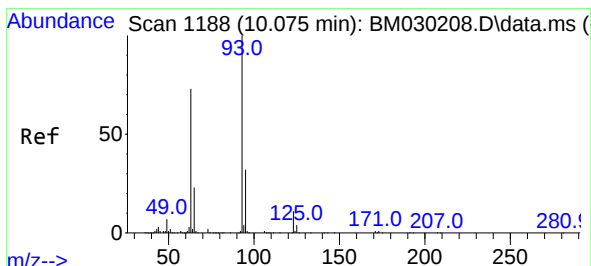
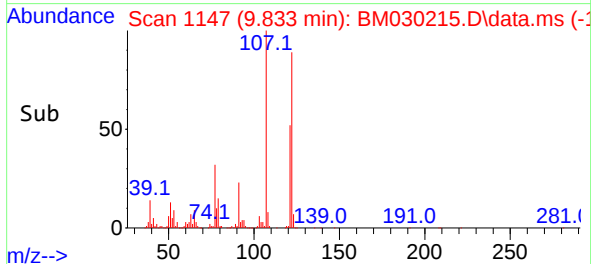
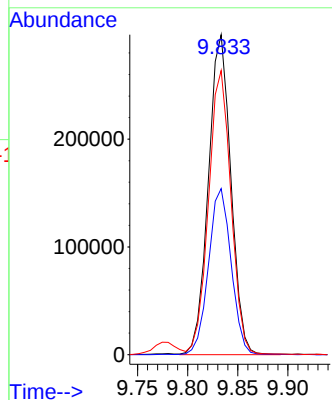
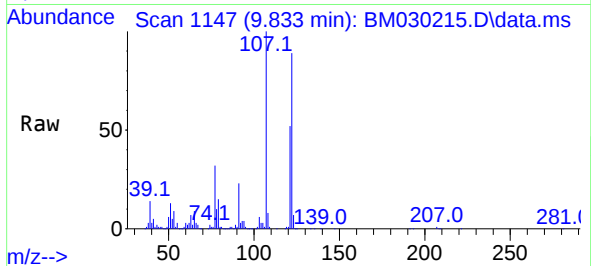




#26
2,4-Dimethylphenol
Concen: 21.61 ng/ul
RT: 9.833 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

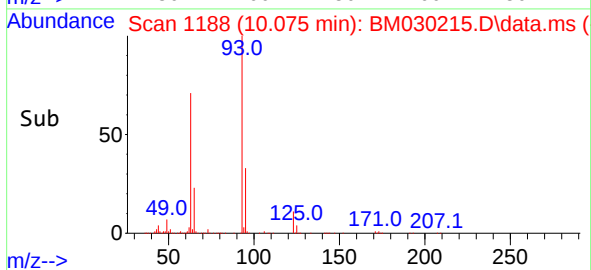
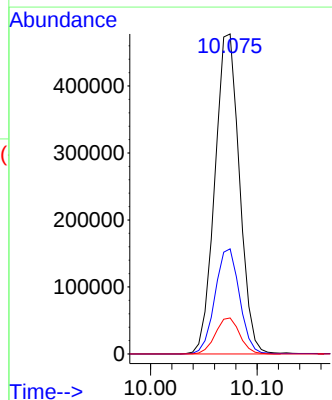
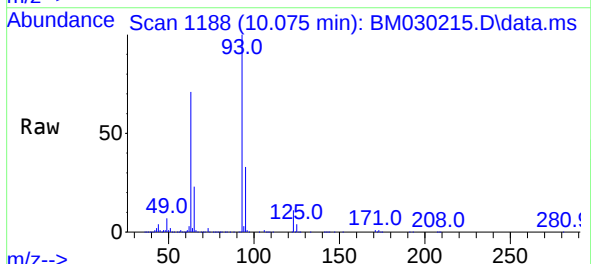
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

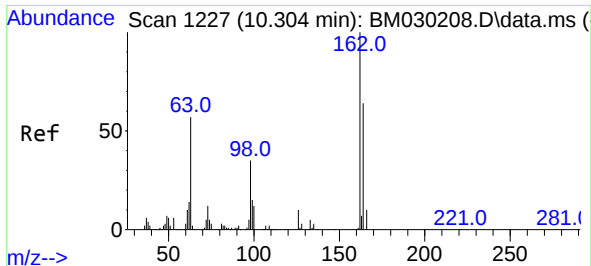
Tgt Ion:107 Resp: 464546
Ion Ratio Lower Upper
107 100
121 51.9 42.0 63.0
122 88.8 70.0 105.0



#27
Bis(2-Chloroethoxy)methane
Concen: 29.08 ng/ul
RT: 10.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion: 93 Resp: 764516
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.2 8.6 12.8

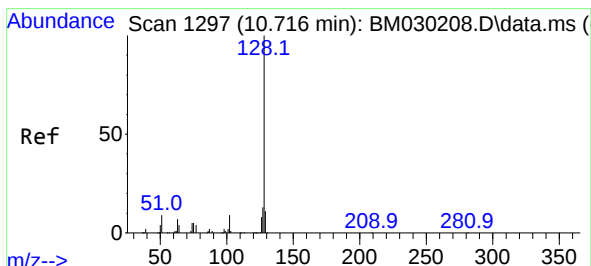
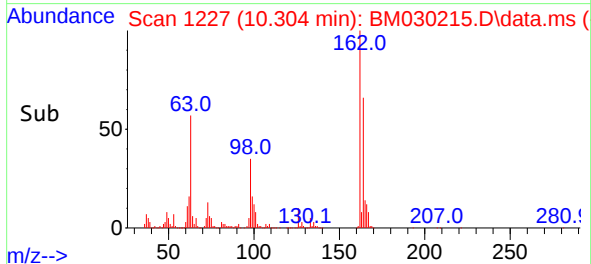
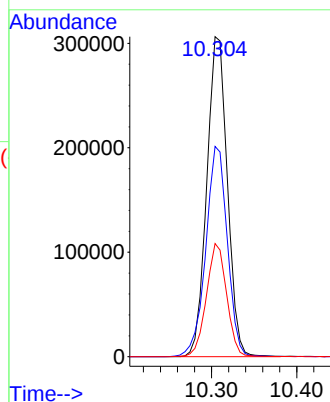
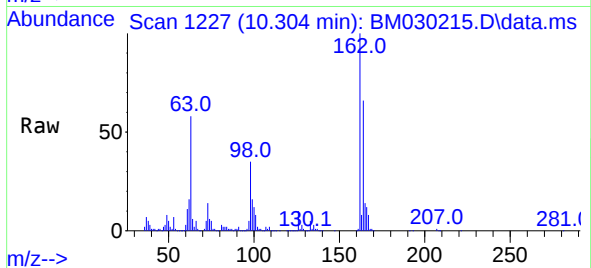




#29
2,4-Dichlorophenol
Concen: 28.85 ng/ul
RT: 10.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

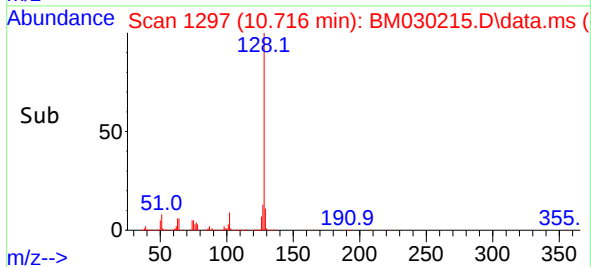
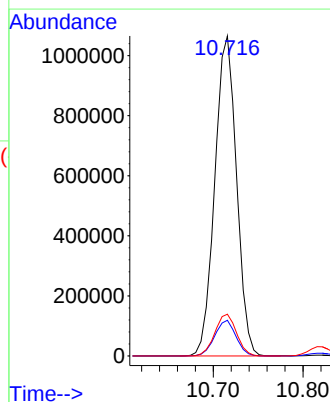
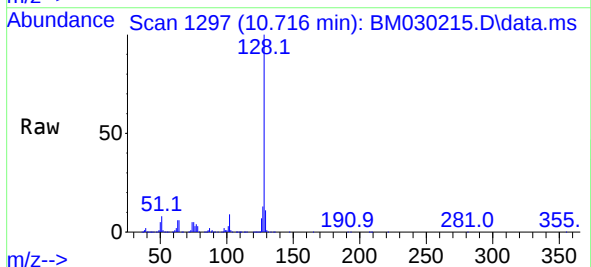
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

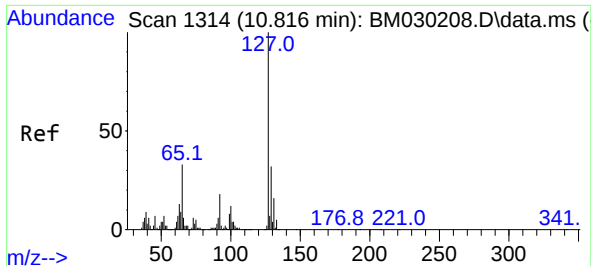
Tgt Ion:162 Resp: 514122
Ion Ratio Lower Upper
162 100
164 65.7 51.7 77.5
98 35.4 27.0 40.6



#30
Naphthalene
Concen: 28.33 ng/ul
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:128 Resp: 1789560
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.1 10.2 15.4

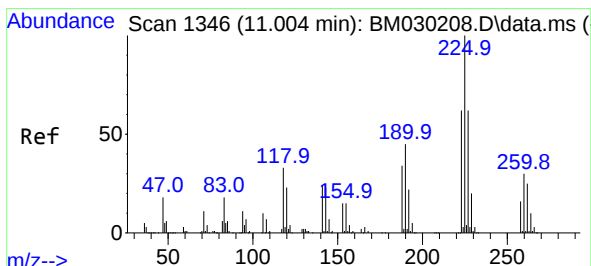
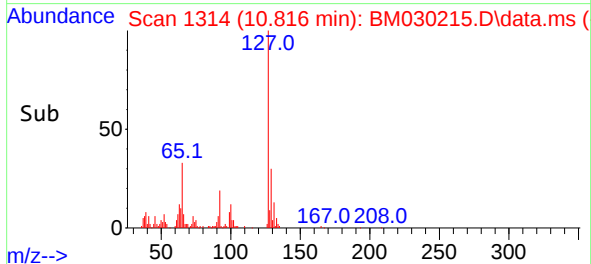
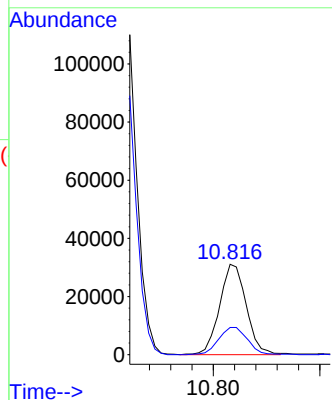
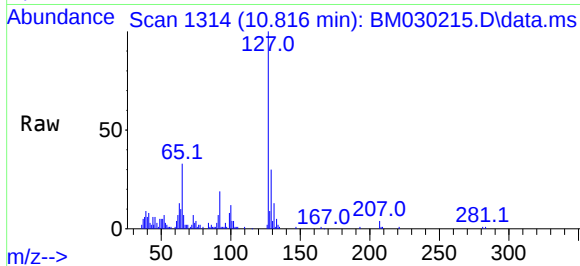




#32
4-Chloroaniline
Concen: 1.90 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

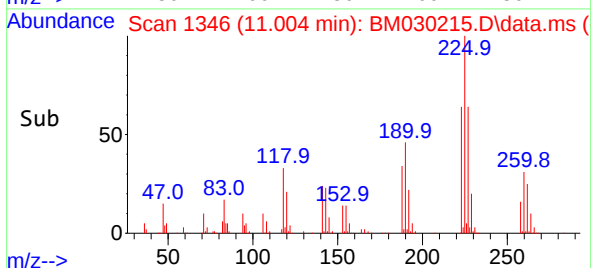
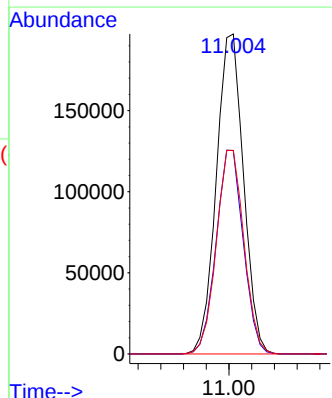
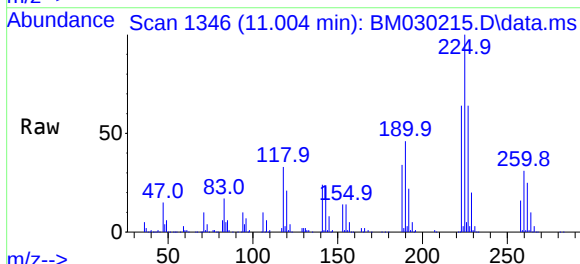
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

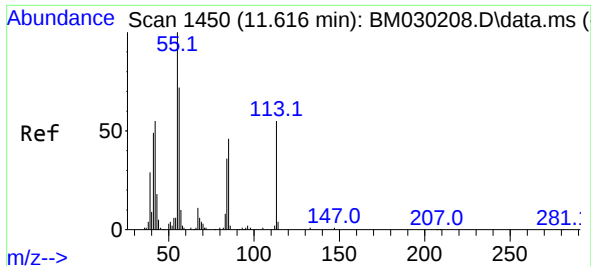
Tgt Ion:127 Resp: 54034
Ion Ratio Lower Upper
127 100
129 30.0 25.8 38.6



#33
Hexachlorobutadiene
Concen: 27.05 ng/ul
RT: 11.004 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:225 Resp: 328430
Ion Ratio Lower Upper
225 100
223 63.5 51.2 76.8
227 63.7 50.4 75.6

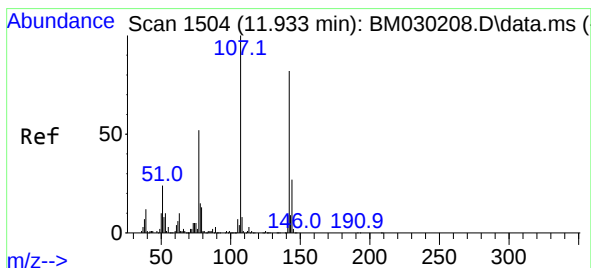
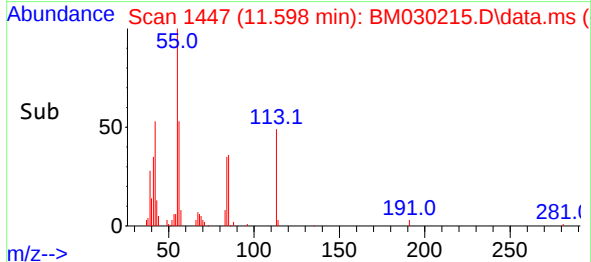
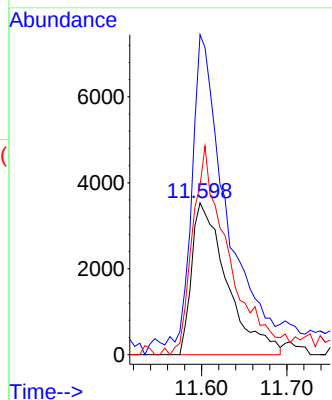
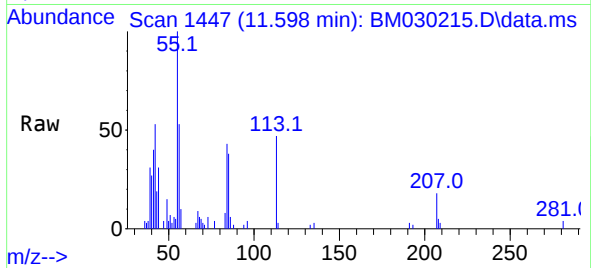




#34
Caprolactam
Concen: 1.87 ng/ul
RT: 11.598 min Scan# 1447
Delta R.T. 0.011 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

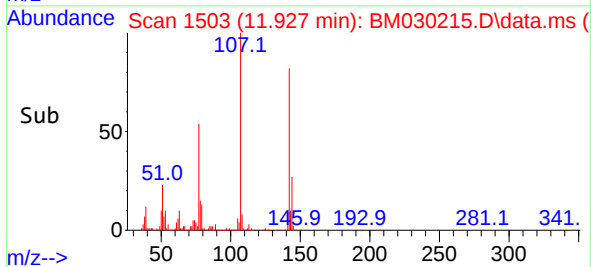
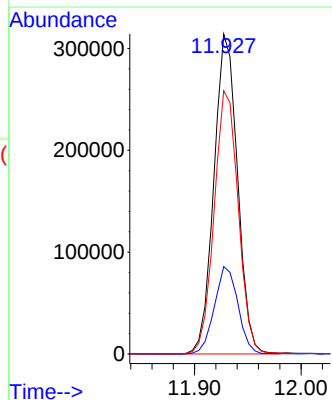
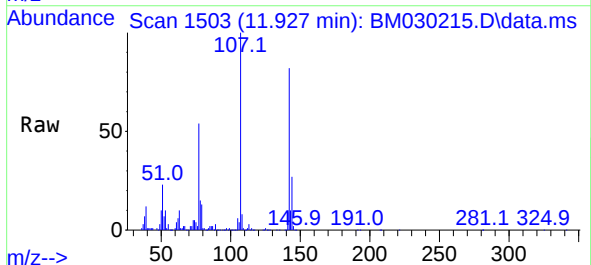
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

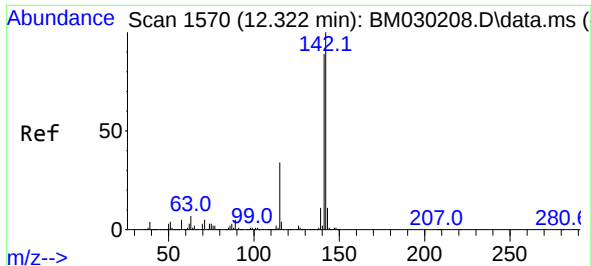
Tgt Ion:113 Resp: 10168
Ion Ratio Lower Upper
113 100
55 210.6 152.6 228.8
56 111.5 107.2 160.8



#35
4-Chloro-3-methylphenol
Concen: 25.91 ng/ul
RT: 11.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:107 Resp: 484019
Ion Ratio Lower Upper
107 100
144 27.3 21.8 32.6
142 82.2 66.7 100.1

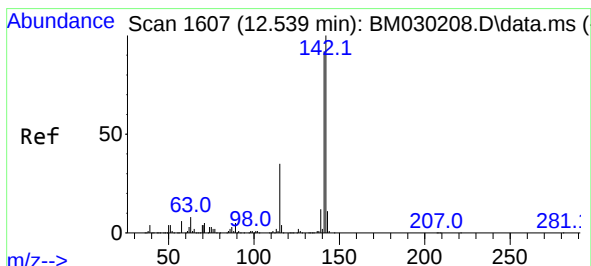
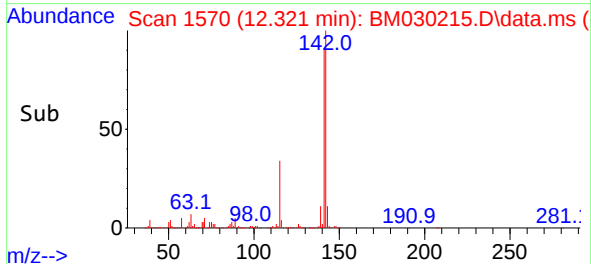
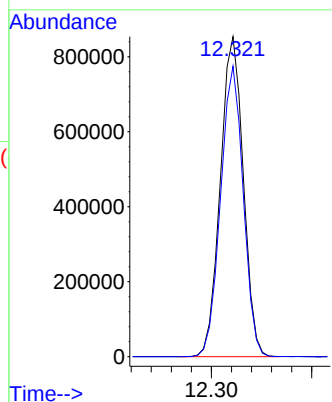
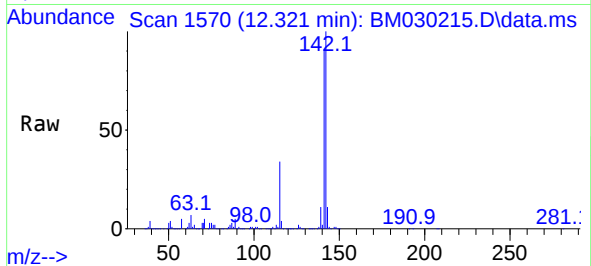




#36
2-Methylnaphthalene
Concen: 28.66 ng/ul
RT: 12.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

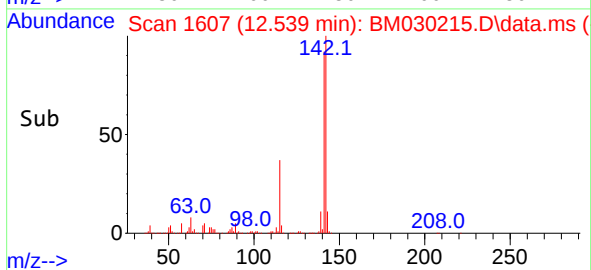
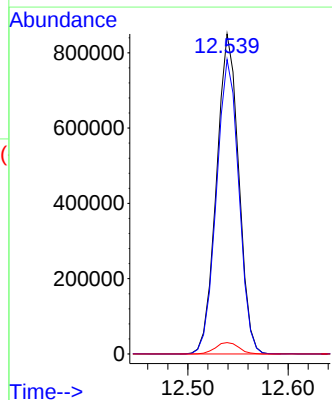
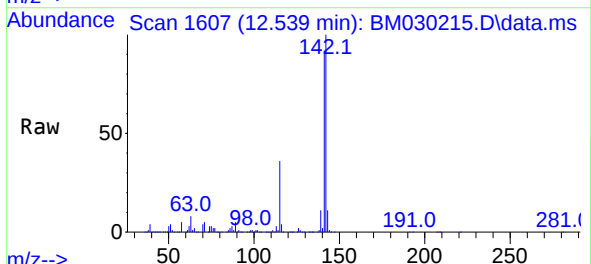
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

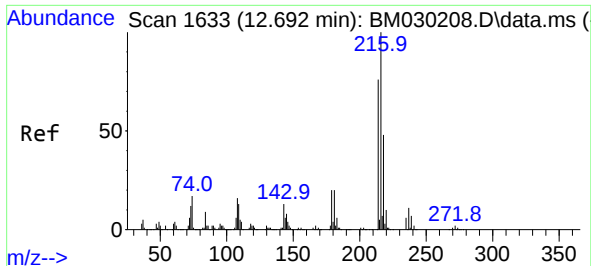
Tgt Ion:142 Resp: 1353267
Ion Ratio Lower Upper
142 100
141 90.8 72.6 108.8



#37
1-Methylnaphthalene
Concen: 28.49 ng/ul
RT: 12.539 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:142 Resp: 1308222
Ion Ratio Lower Upper
142 100
141 92.0 74.4 111.6
116 3.6 3.1 4.7

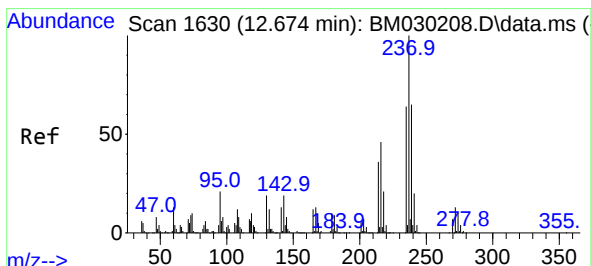
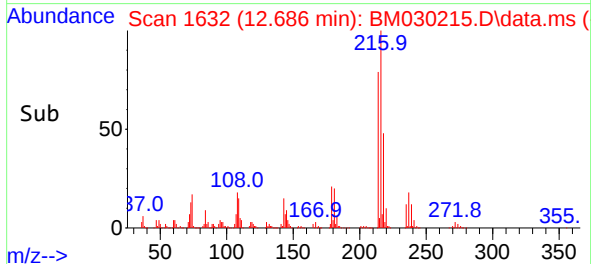
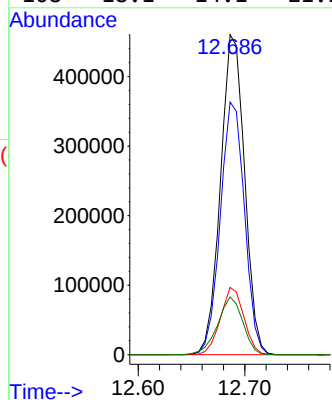
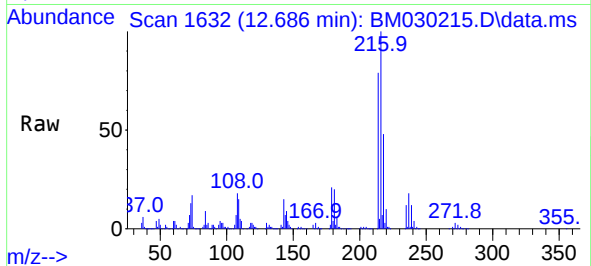




#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.78 ng/ul
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

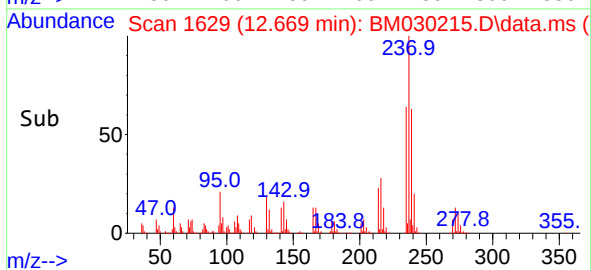
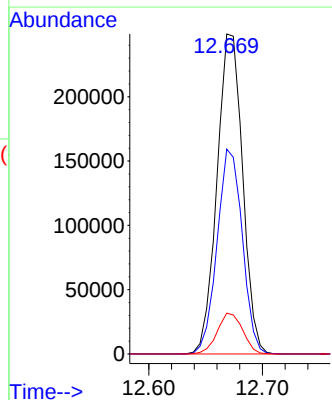
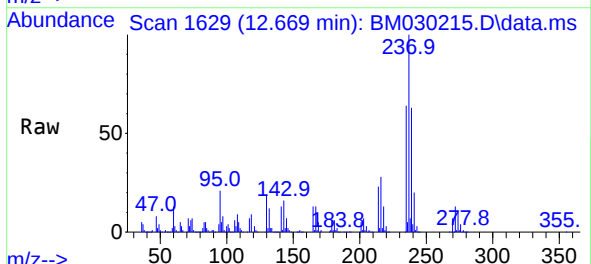
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

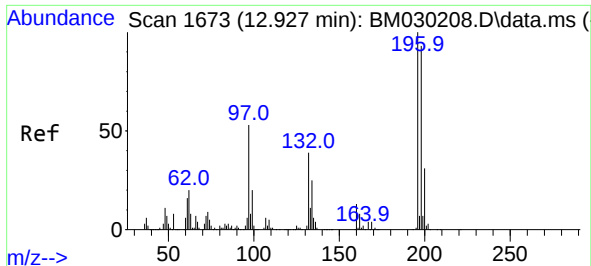
Tgt Ion:216 Resp: 722653
Ion Ratio Lower Upper
216 100
214 79.0 61.5 92.3
179 21.1 16.6 24.8
108 18.1 14.1 21.1



#40
Hexachlorocyclopentadiene
Concen: 23.74 ng/ul
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:237 Resp: 390612
Ion Ratio Lower Upper
237 100
235 64.0 49.5 74.3
272 12.8 10.5 15.7

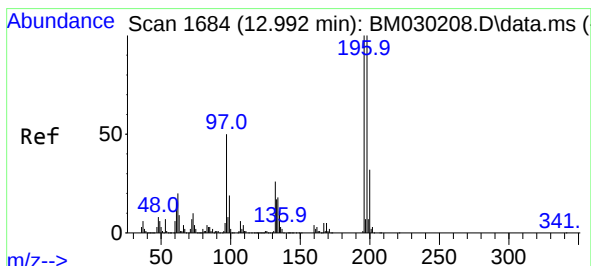
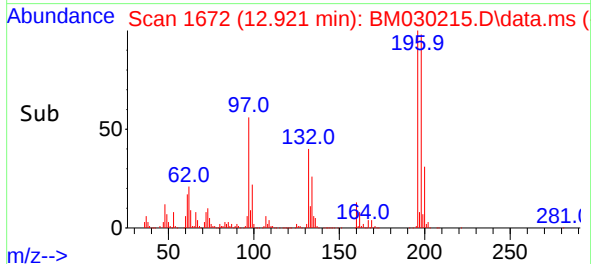
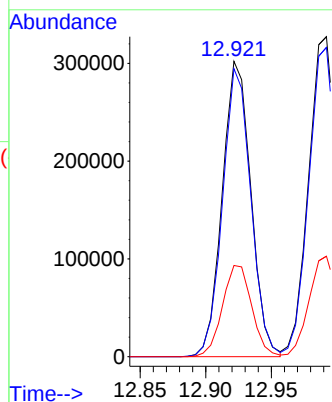
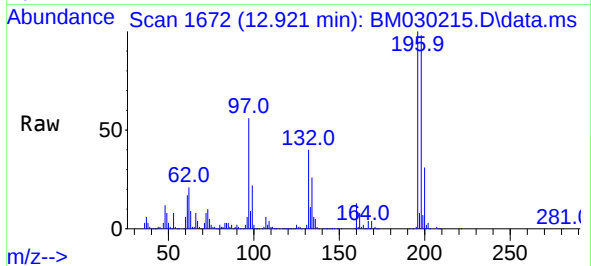




#41
2,4,6-Trichlorophenol
Concen: 34.87 ng/ul
RT: 12.921 min Scan# 1672
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

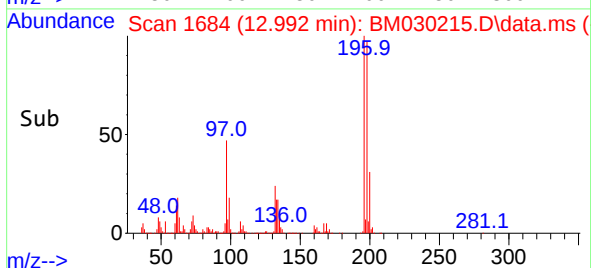
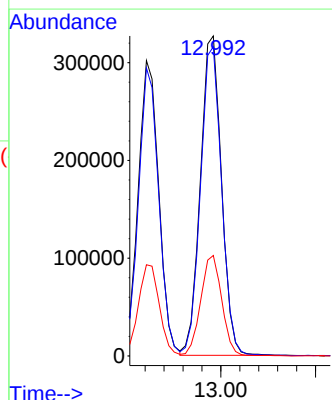
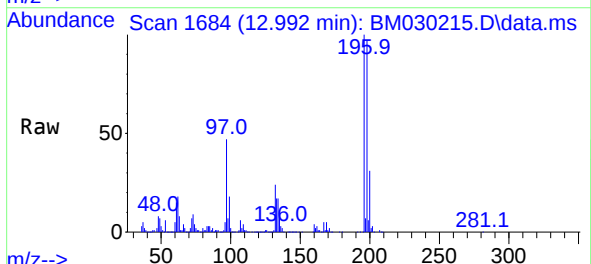
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

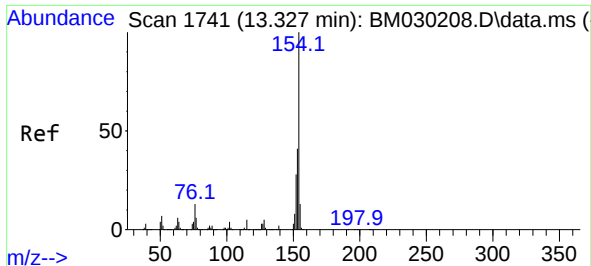
Tgt Ion:196 Resp: 459564
Ion Ratio Lower Upper
196 100
198 97.5 79.6 119.4
200 30.9 26.4 39.6



#42
2,4,5-Trichlorophenol
Concen: 35.40 ng/ul
RT: 12.992 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:196 Resp: 504767
Ion Ratio Lower Upper
196 100
198 96.7 77.4 116.2
200 31.4 24.7 37.1

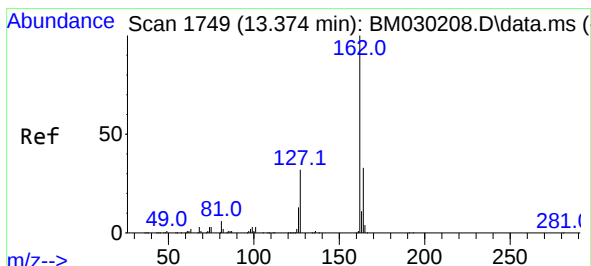
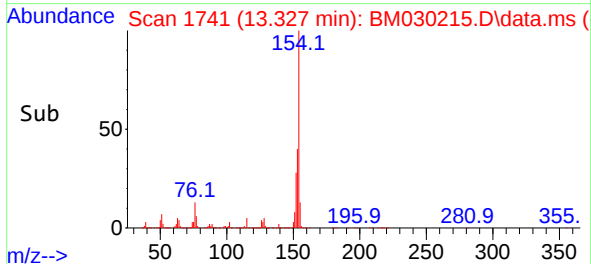
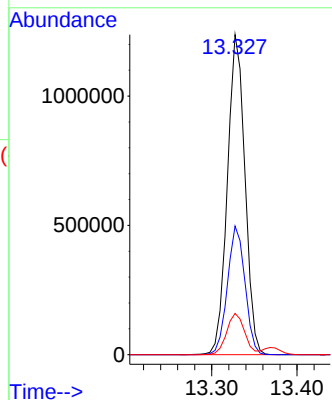
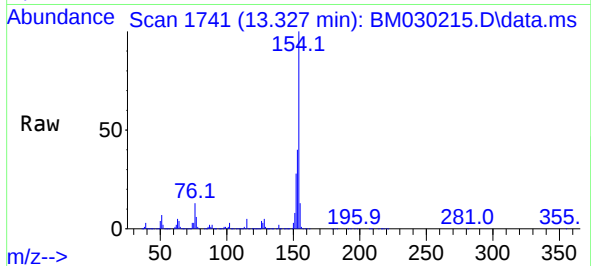




#43
1,1'-Biphenyl
Concen: 30.71 ng/ul
RT: 13.327 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

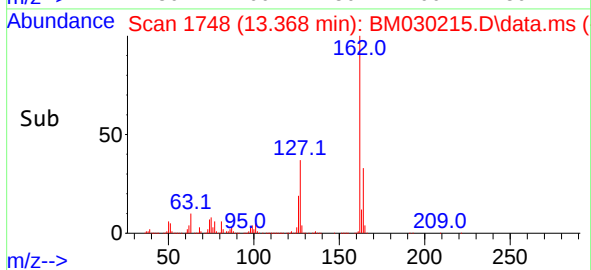
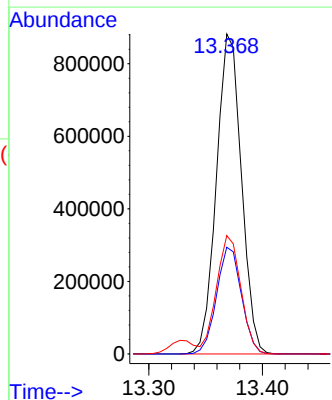
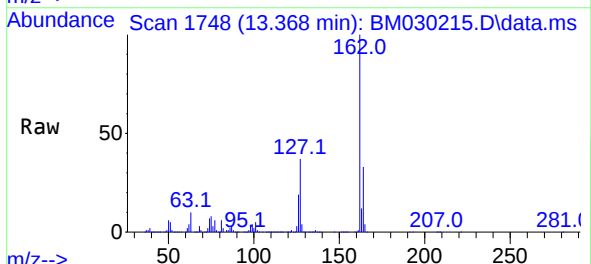
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

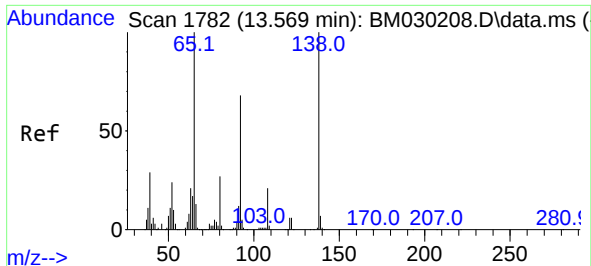
Tgt Ion:154 Resp: 1772568
Ion Ratio Lower Upper
154 100
153 40.2 32.1 48.1
76 12.9 10.3 15.5



#44
2-Chloronaphthalene
Concen: 30.42 ng/ul
RT: 13.368 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:162 Resp: 1349452
Ion Ratio Lower Upper
162 100
164 33.3 26.4 39.6
127 37.0 28.3 42.5

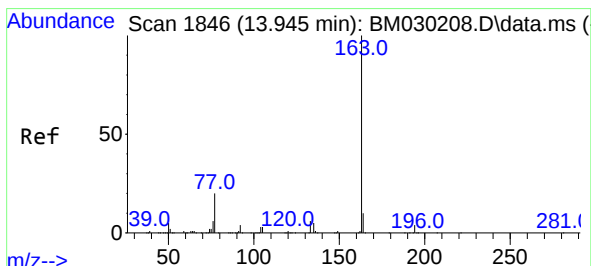
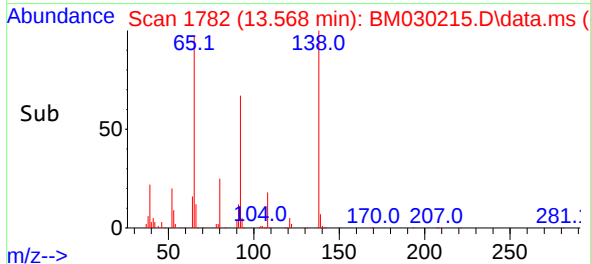
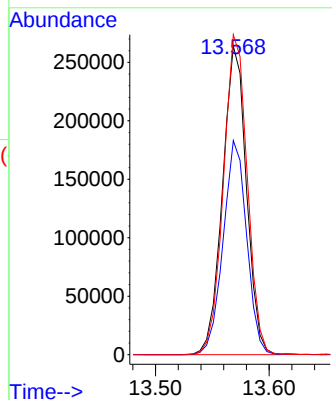
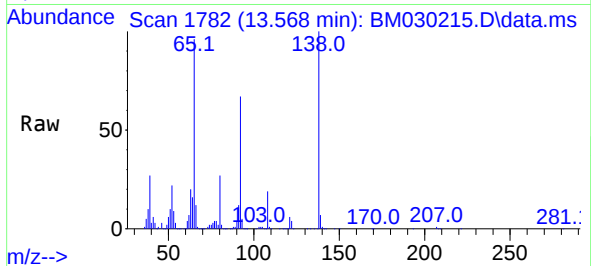




#45
2-Nitroaniline
Concen: 37.92 ng/ul
RT: 13.568 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

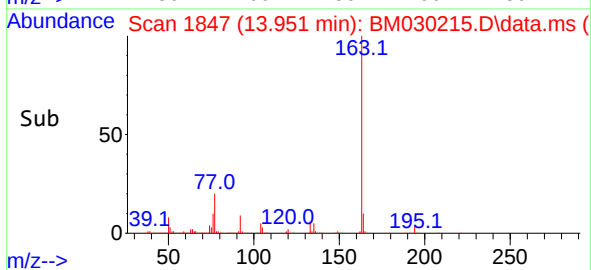
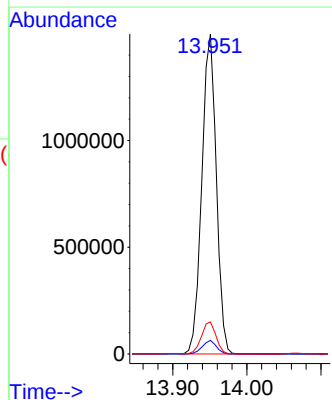
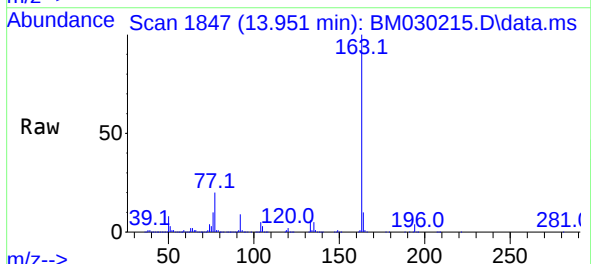
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

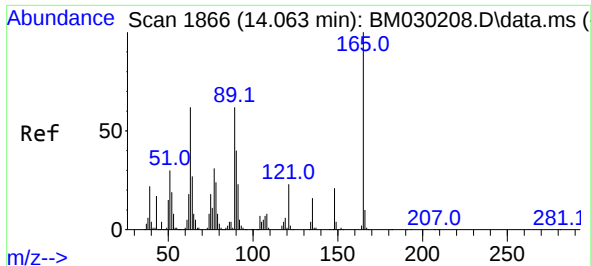
Tgt Ion: 65 Resp: 386470
Ion Ratio Lower Upper
65 100
92 69.4 53.5 80.3
138 103.7 77.3 115.9



#47
Dimethylphthalate
Concen: 37.19 ng/ul
RT: 13.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:163 Resp: 2032428
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.2 12.2

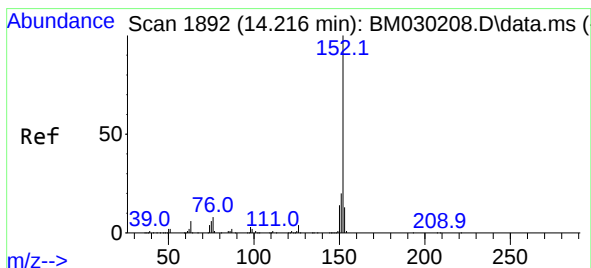
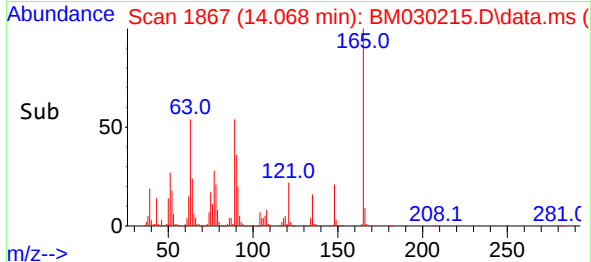
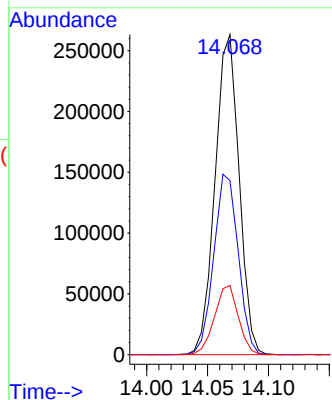
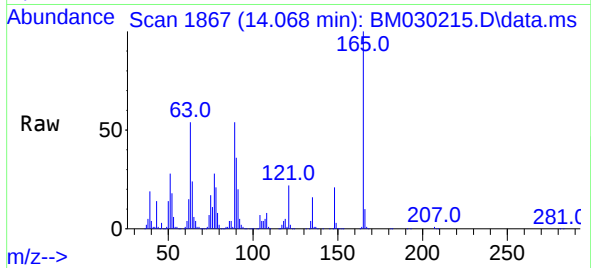




#48
2,6-Dinitrotoluene
Concen: 41.60 ng/ul
RT: 14.068 min Scan# 1867
Delta R.T. 0.005 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

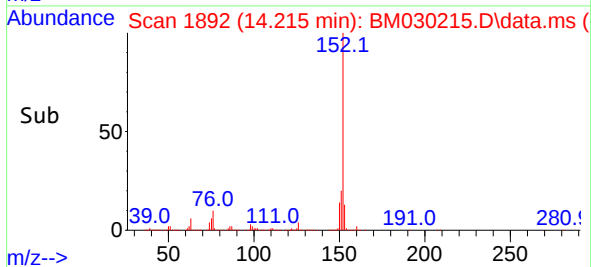
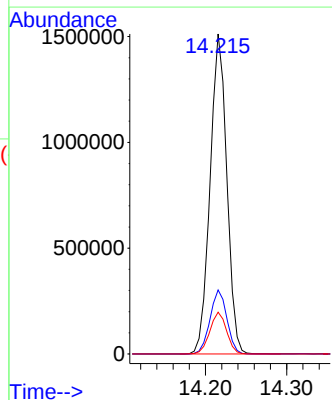
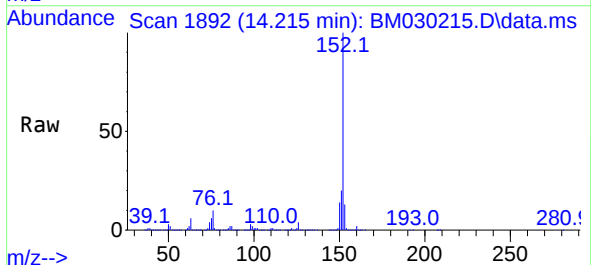
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

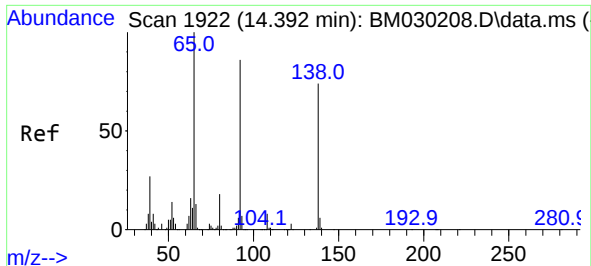
Tgt Ion:165 Resp: 362325
Ion Ratio Lower Upper
165 100
89 54.4 50.2 75.2
121 21.6 18.4 27.6



#50
Acenaphthylene
Concen: 31.37 ng/ul
RT: 14.215 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:152 Resp: 2160141
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.1 10.7 16.1

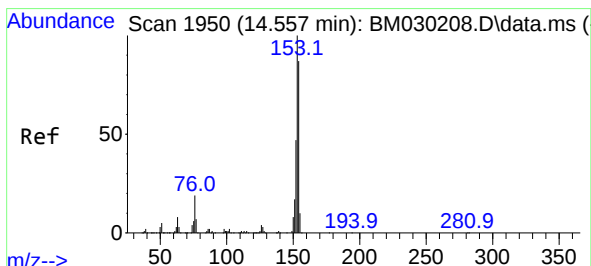
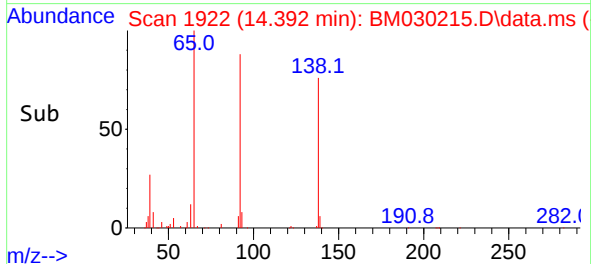
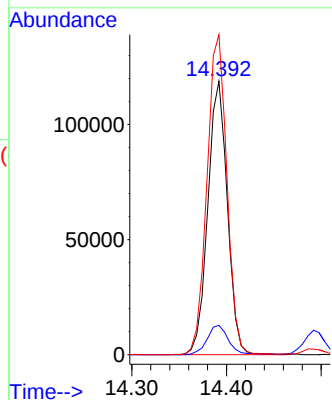
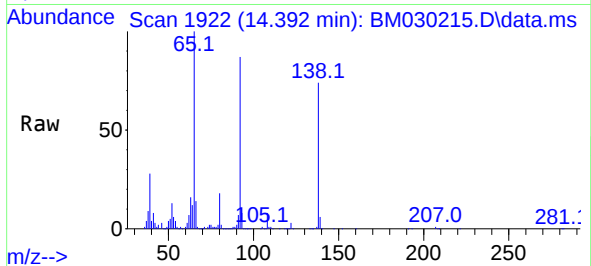




#51
3-Nitroaniline
Concen: 16.72 ng/ul
RT: 14.392 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

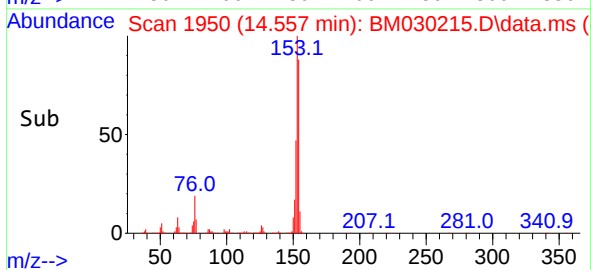
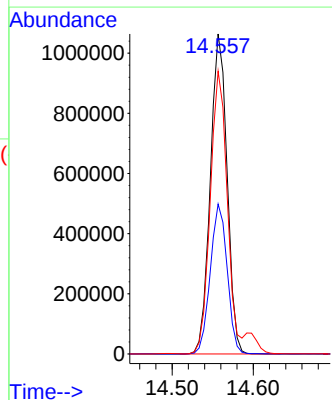
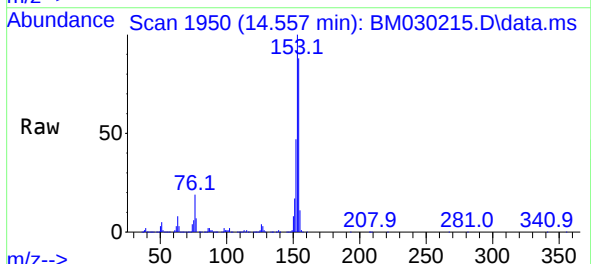
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

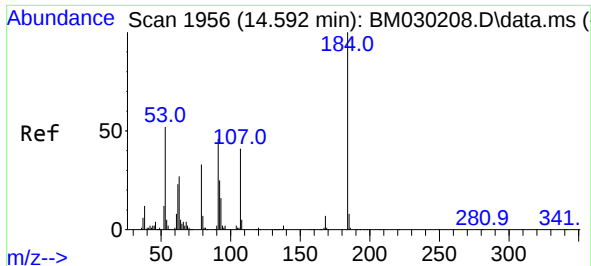
Tgt Ion:138 Resp: 169712
Ion Ratio Lower Upper
138 100
108 10.7 12.0 18.0#
92 117.0 97.2 145.8



#52
Acenaphthene
Concen: 31.32 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:153 Resp: 1523840
Ion Ratio Lower Upper
153 100
152 46.9 38.4 57.6
154 88.4 70.4 105.6

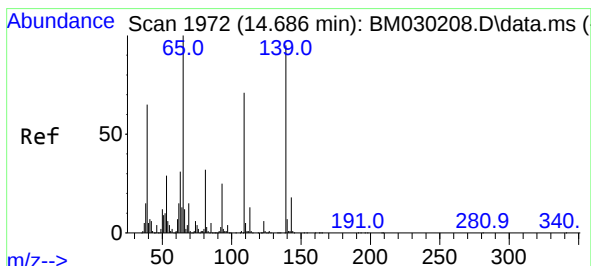
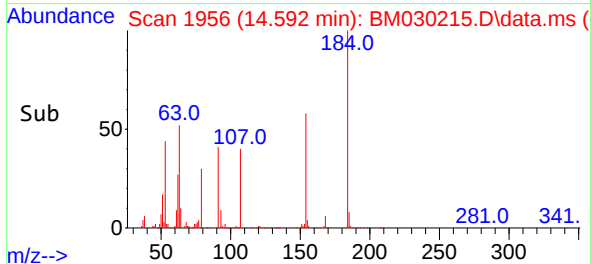
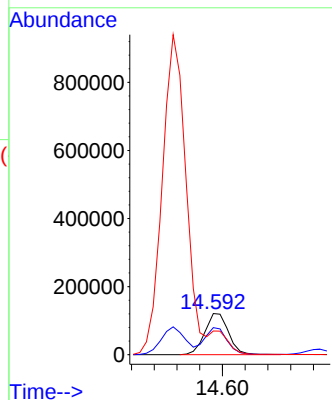
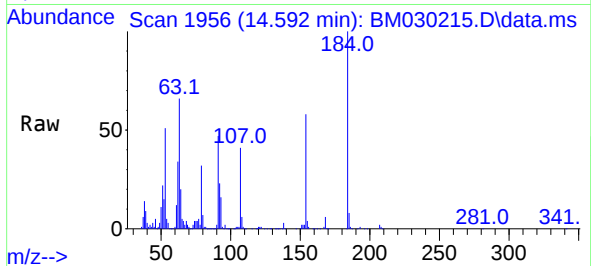




#53
2,4-Dinitrophenol
Concen: 31.94 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

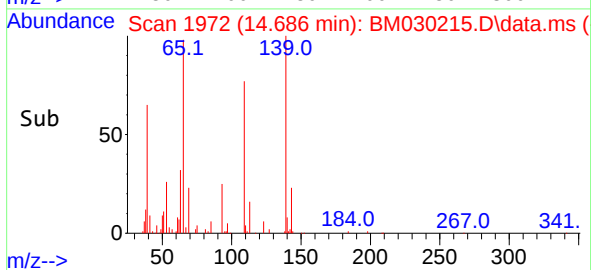
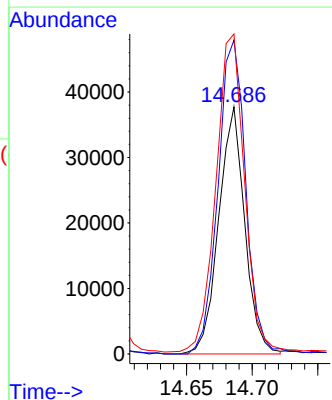
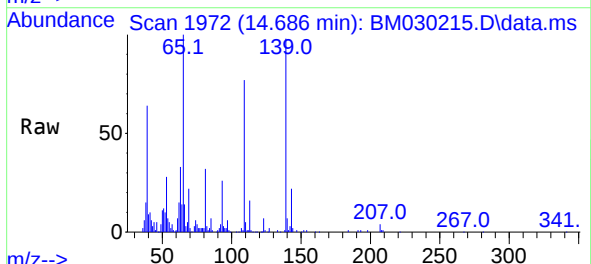
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

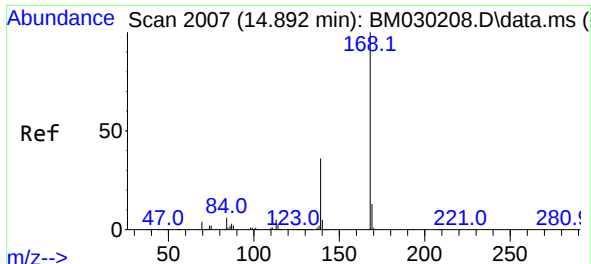
Tgt Ion:184 Resp: 174678
Ion Ratio Lower Upper
184 100
63 65.7 48.5 72.7
154 57.7 45.0 67.4



#55
4-Nitrophenol
Concen: 5.30 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:109 Resp: 52034
Ion Ratio Lower Upper
109 100
139 127.1 106.3 159.5
65 129.5 109.9 164.9

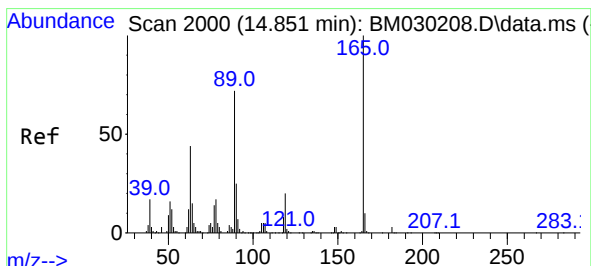
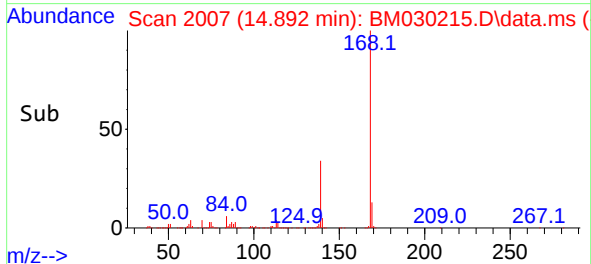
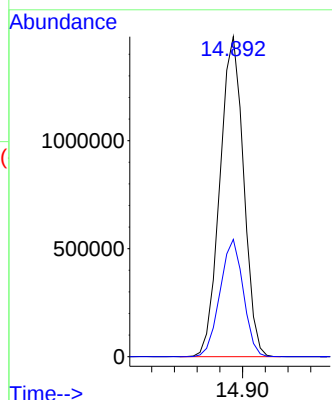
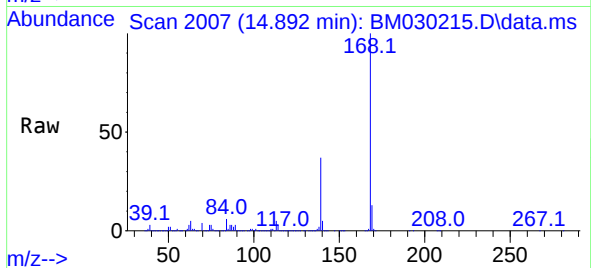




#56
Dibenzofuran
Concen: 31.88 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

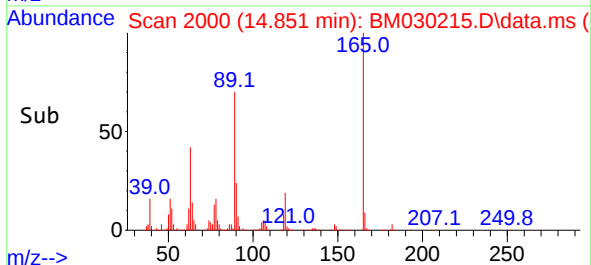
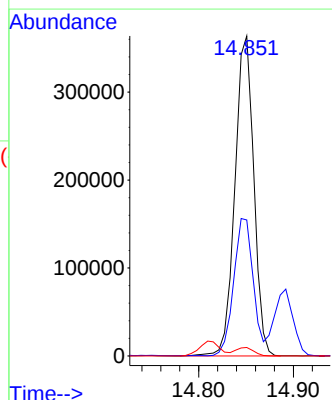
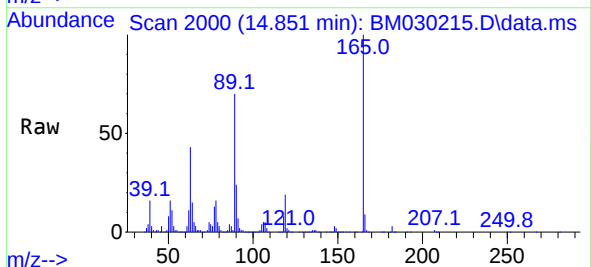
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

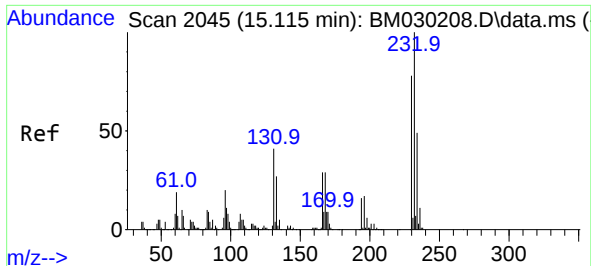
Tgt Ion:168 Resp: 2146461
Ion Ratio Lower Upper
168 100
139 36.6 28.7 43.1



#57
2,4-Dinitrotoluene
Concen: 39.80 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:165 Resp: 502673
Ion Ratio Lower Upper
165 100
63 42.5 36.2 54.4
182 2.6 2.5 3.7



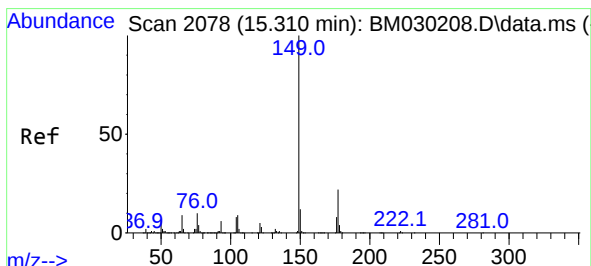
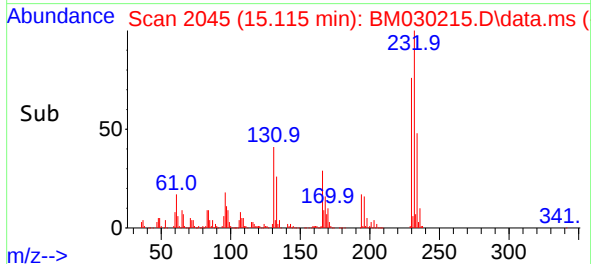
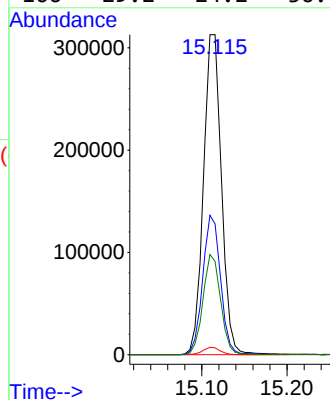
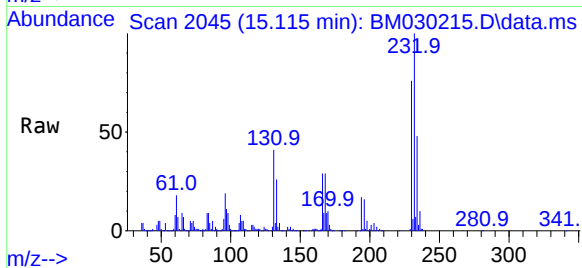


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.26 ng/ul
RT: 15.115 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Instrument :
BNA_M
ClientSampleId :
YARK5MSD

Tgt Ion:232 Resp: 460641

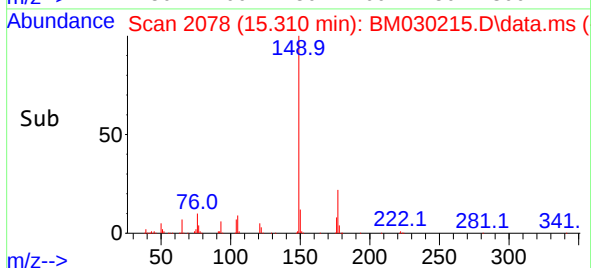
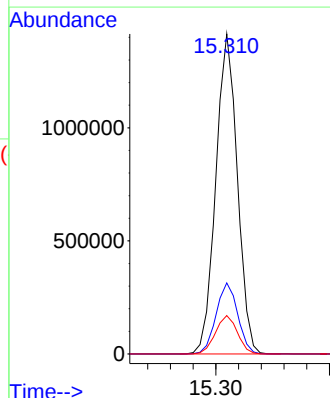
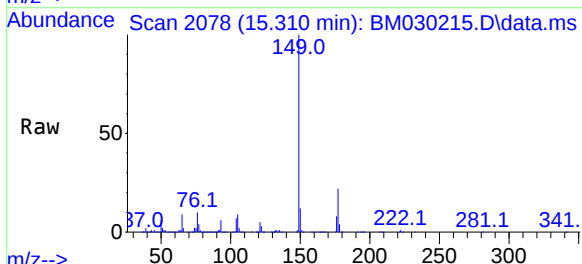
Ion	Ratio	Lower	Upper
232	100		
131	40.8	33.5	50.3
130	2.2	1.9	2.9
166	29.2	24.2	36.4

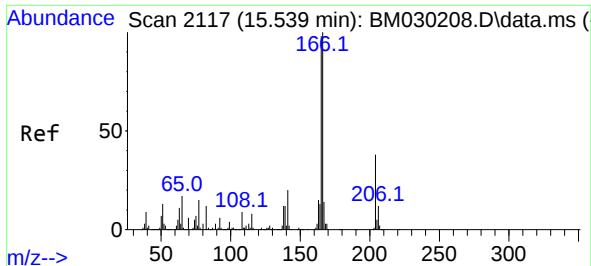


#59
Diethylphthalate
Concen: 33.65 ng/ul
RT: 15.310 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:149 Resp: 1862634

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.4	26.2
150	12.0	9.8	14.8

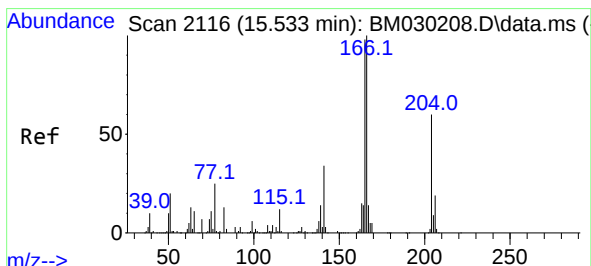
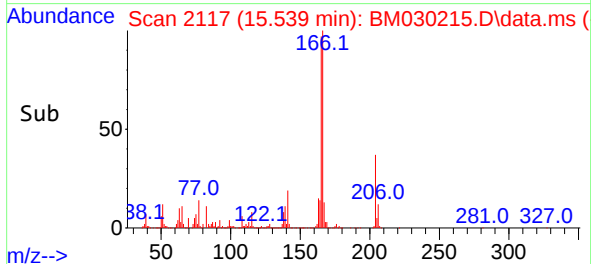
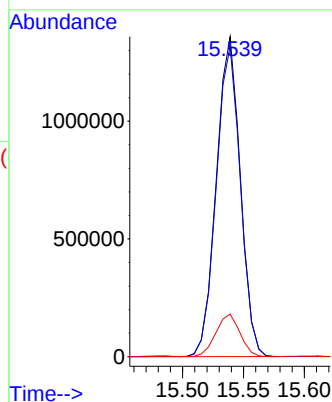
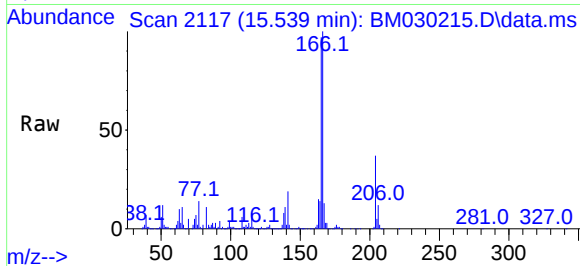




#61
Fluorene
Concen: 32.54 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

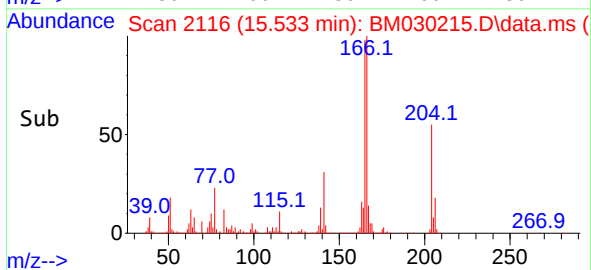
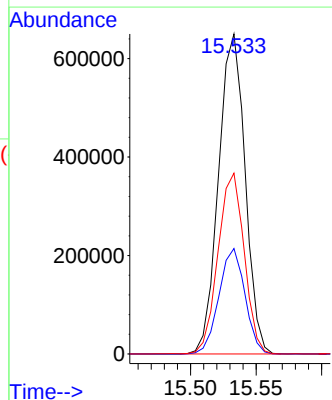
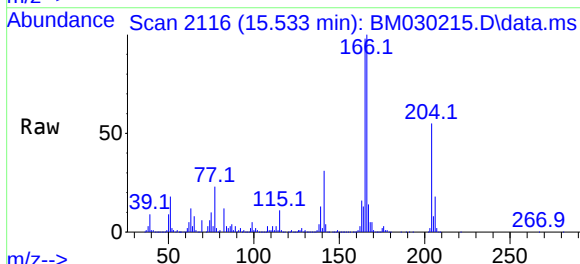
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

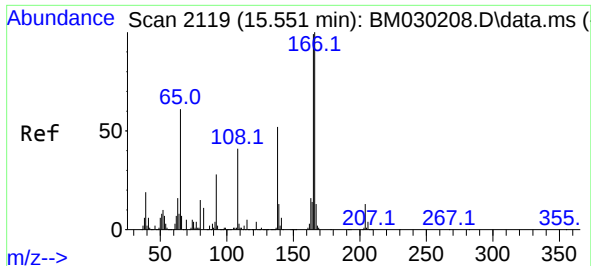
Tgt Ion:166 Resp: 1858870
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.8
167 13.3 10.8 16.2



#62
4-Chlorophenyl-phenylether
Concen: 32.69 ng/ul
RT: 15.533 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:204 Resp: 915631
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 56.5 45.1 67.7

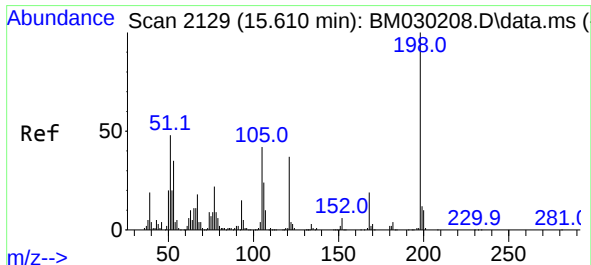
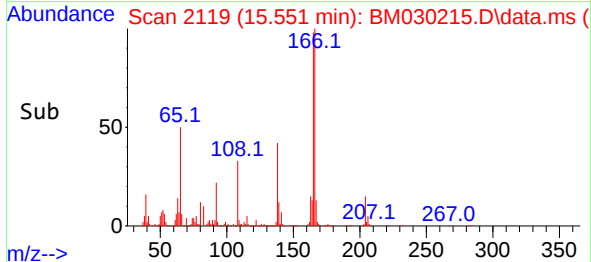
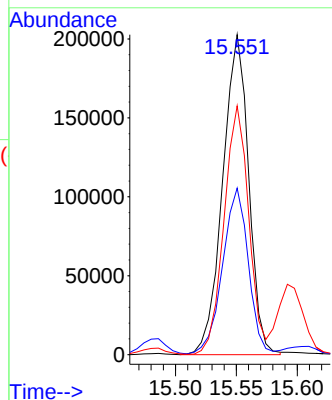
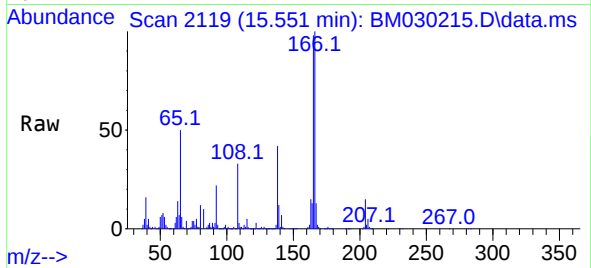




#63
4-Nitroaniline
Concen: 28.83 ng/ul
RT: 15.551 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

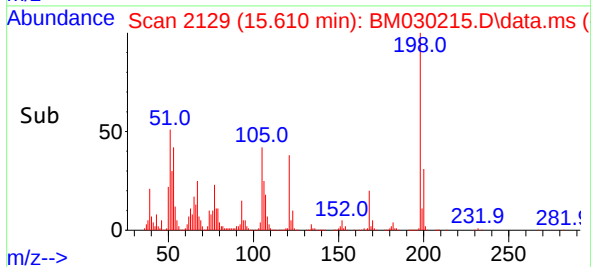
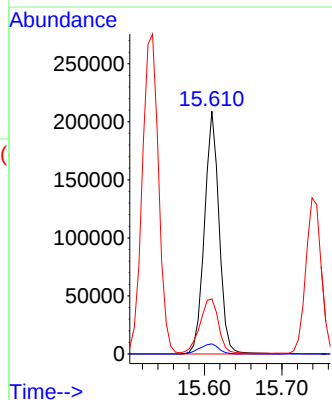
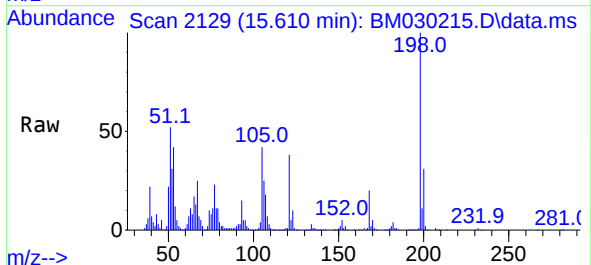
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

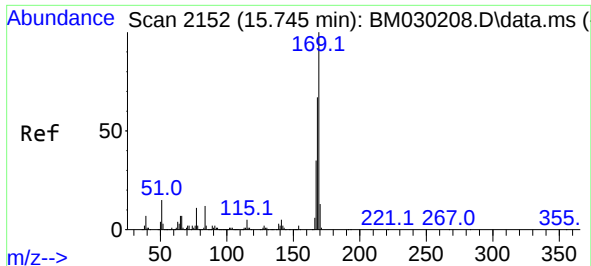
Tgt Ion:138 Resp: 300896
Ion Ratio Lower Upper
138 100
92 52.1 42.2 63.2
108 77.7 65.4 98.2



#66
4,6-Dinitro-2-methylphenol
Concen: 40.02 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:198 Resp: 273178
Ion Ratio Lower Upper
198 100
182 4.1 3.5 5.3
77 22.7 19.2 28.8

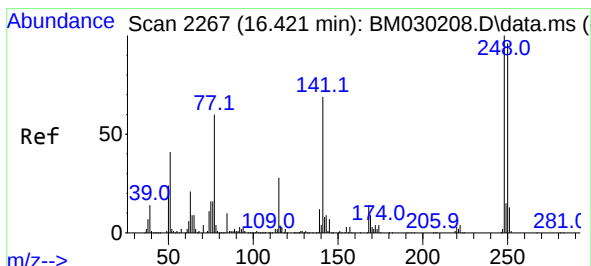
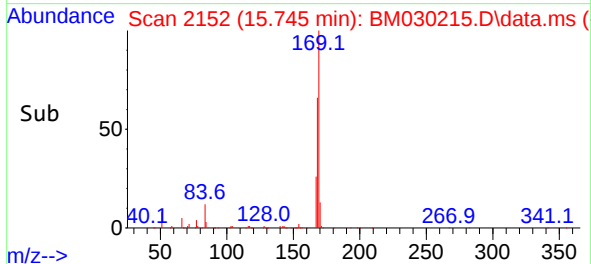
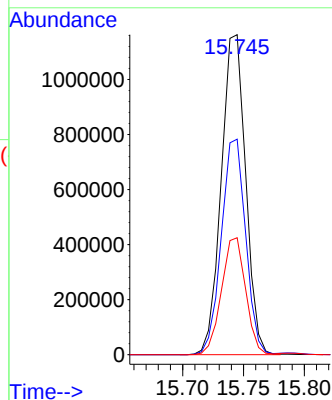
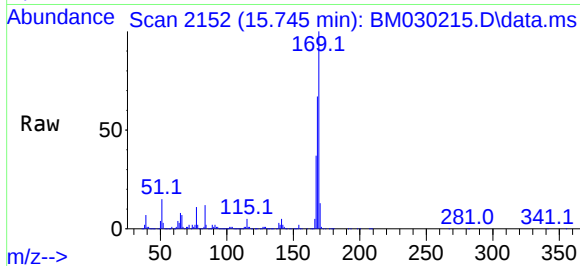




#67
N-Nitrosodiphenylamine
Concen: 36.44 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

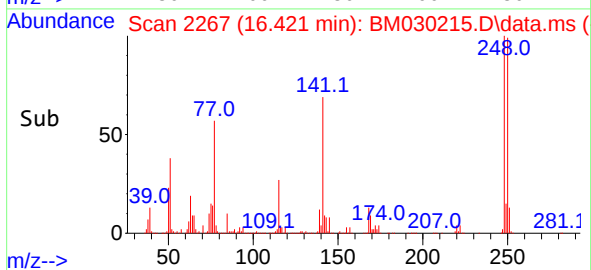
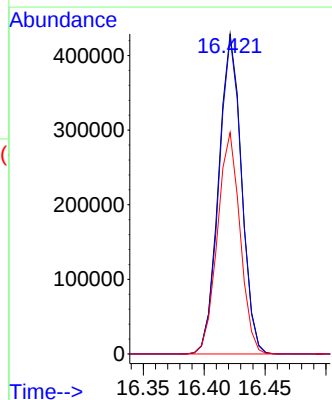
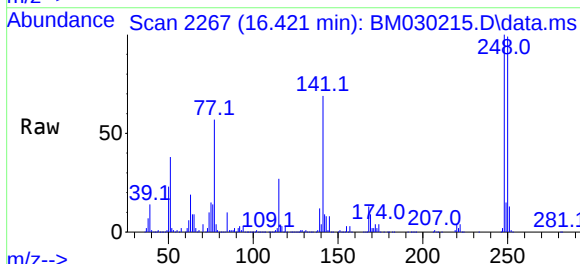
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

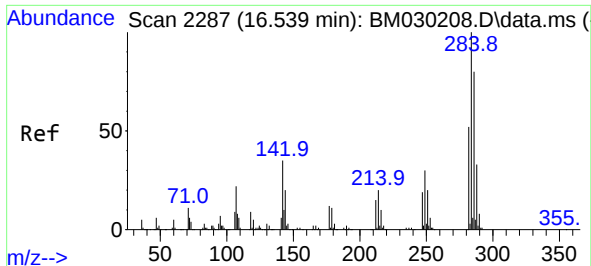
Tgt Ion:169 Resp: 1622433
Ion Ratio Lower Upper
169 100
168 67.3 54.7 82.1
167 36.6 29.0 43.6



#68
4-Bromophenyl-phenylether
Concen: 36.56 ng/ul
RT: 16.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:248 Resp: 561611
Ion Ratio Lower Upper
248 100
250 99.0 76.3 114.5
141 69.2 54.6 81.8

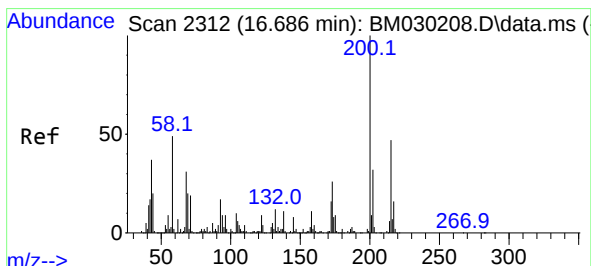
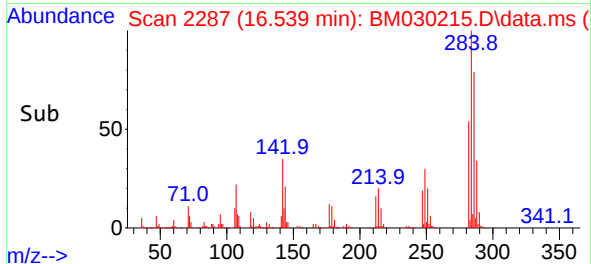
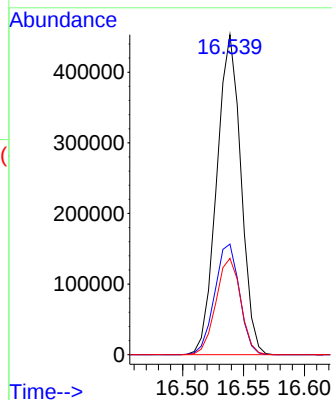
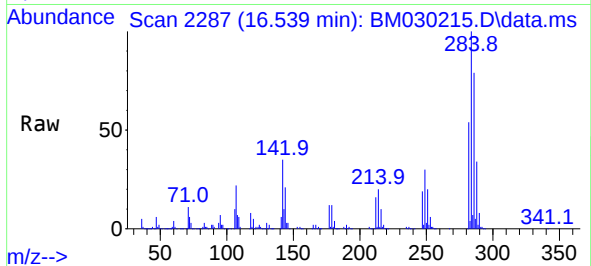




#69
Hexachlorobenzene
Concen: 35.78 ng/ul
RT: 16.539 min Scan# 2287
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

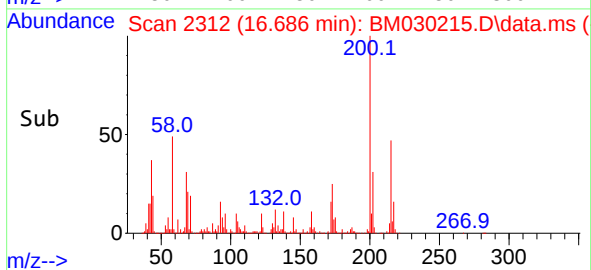
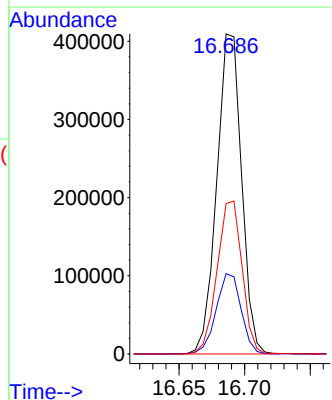
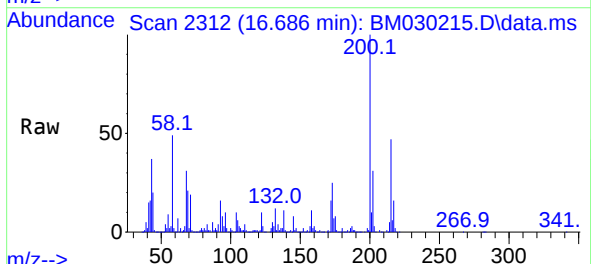
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

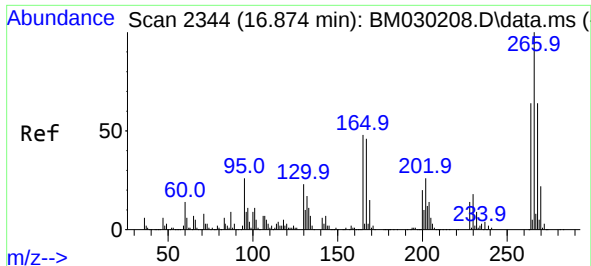
Tgt Ion:284 Resp: 628382
Ion Ratio Lower Upper
284 100
142 34.5 27.4 41.0
249 30.1 25.0 37.4



#70
Atrazine
Concen: 33.71 ng/ul
RT: 16.686 min Scan# 2312
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:200 Resp: 538318
Ion Ratio Lower Upper
200 100
173 25.1 20.4 30.6
215 47.0 38.1 57.1

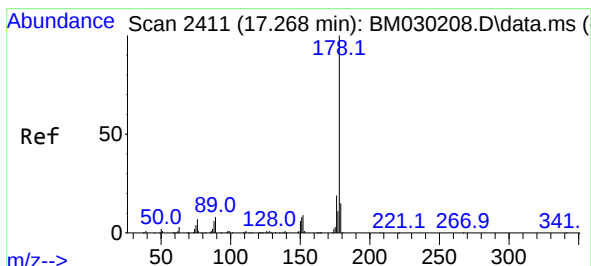
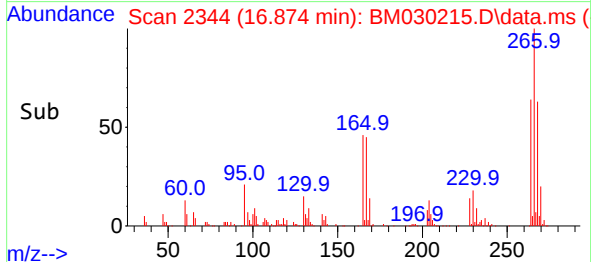
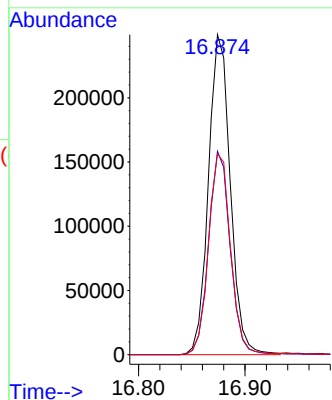
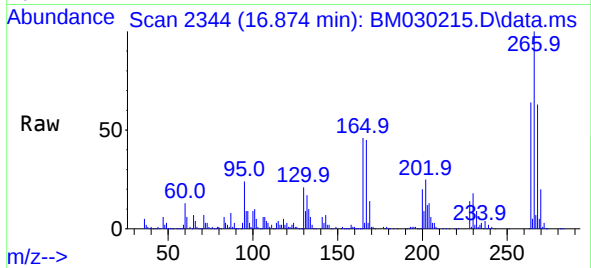




#71
Pentachlorophenol
Concen: 33.16 ng/ul
RT: 16.874 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

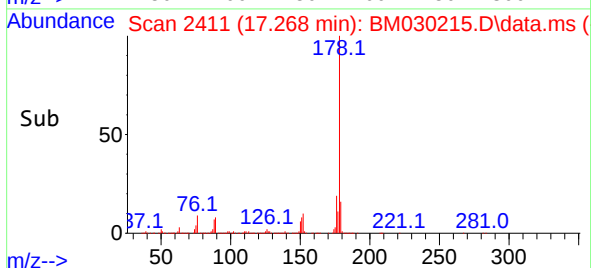
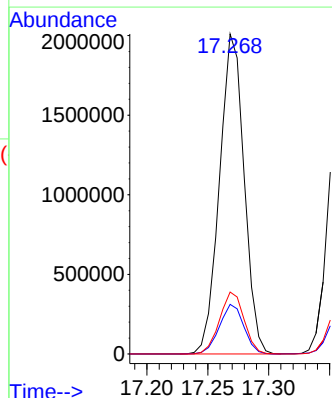
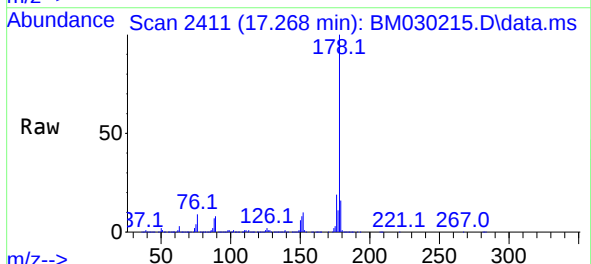
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

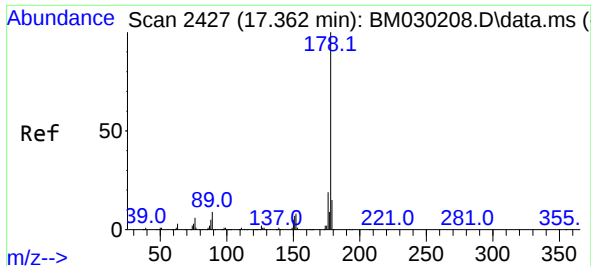
Tgt Ion:266 Resp: 355633
Ion Ratio Lower Upper
266 100
264 63.6 49.8 74.6
268 62.8 50.8 76.2



#72
Phenanthrene
Concen: 35.31 ng/ul
RT: 17.268 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:178 Resp: 2824145
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.4 23.0

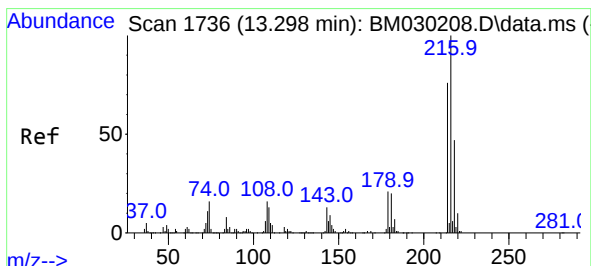
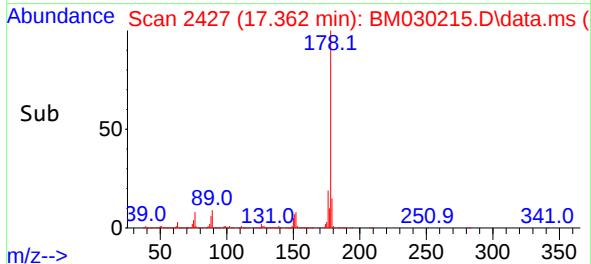
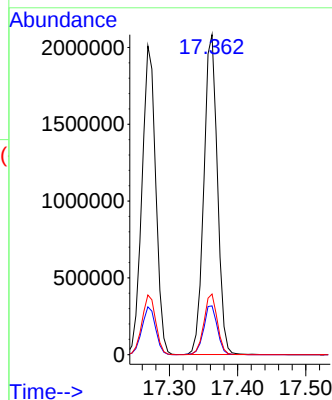
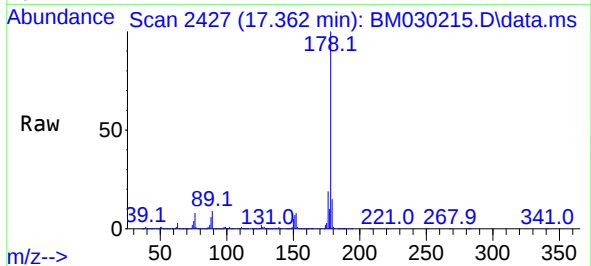




#74
 Anthracene
 Concen: 35.00 ng/u1
 RT: 17.362 min Scan# 2427
 Delta R.T. -0.000 min
 Lab File: BM030215.D
 Acq: 28 May 2021 00:05

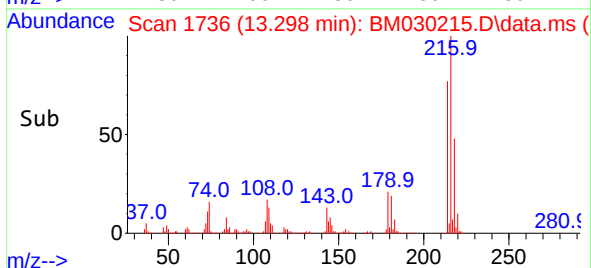
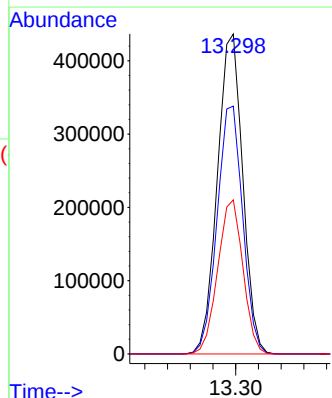
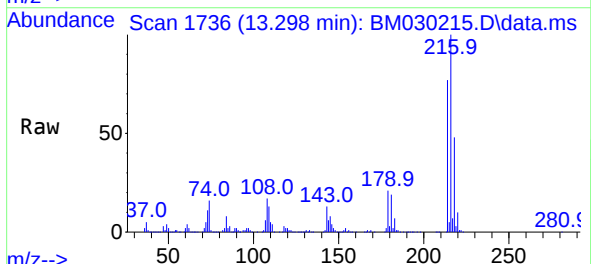
Instrument :
 BNA_M
 ClientSampleId :
 YARK5MSD

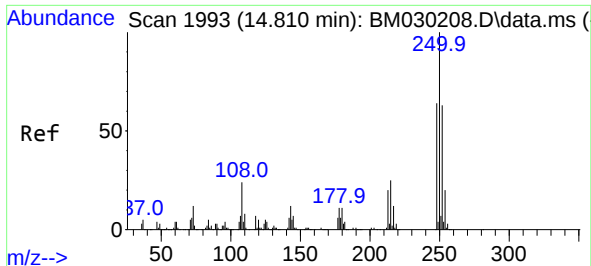
Tgt Ion:178 Resp: 2871852
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.0 18.0
 176 19.0 15.0 22.4



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 30.45 ng/uL
 RT: 13.298 min Scan# 1736
 Delta R.T. -0.000 min
 Lab File: BM030215.D
 Acq: 28 May 2021 00:05

Tgt Ion:216 Resp: 678171
 Ion Ratio Lower Upper
 216 100
 214 77.4 61.2 91.8
 218 48.1 38.6 57.8

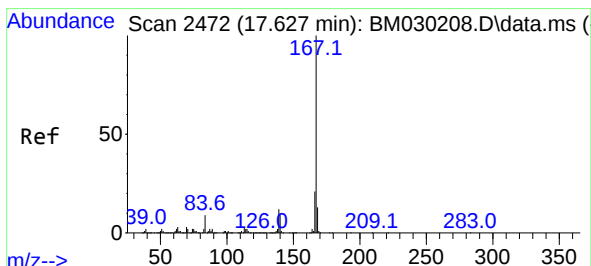
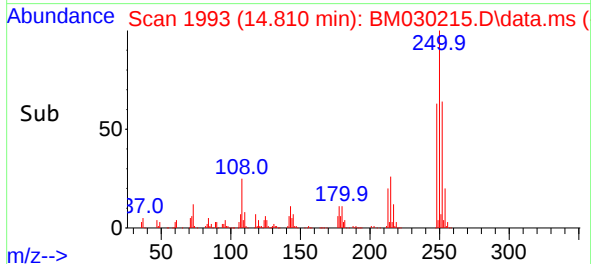
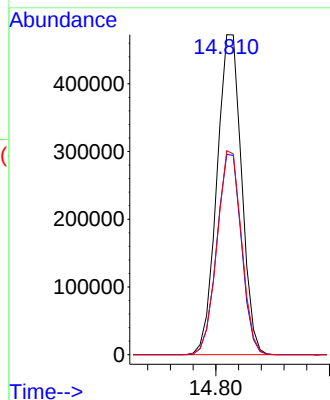
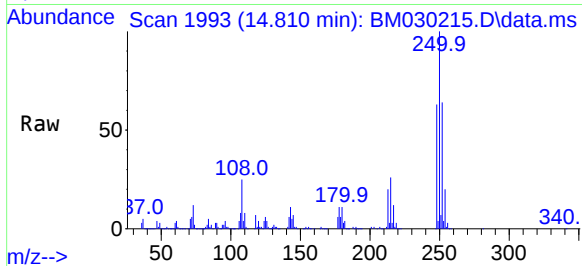




#76
Pentachlorobenzene
Concen: 34.50 ng/uL
RT: 14.810 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

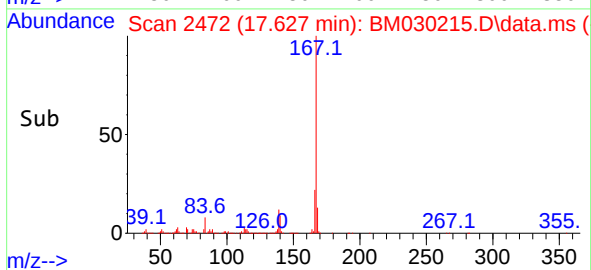
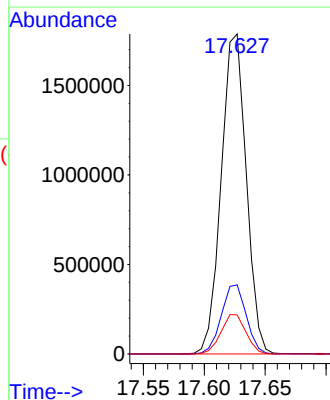
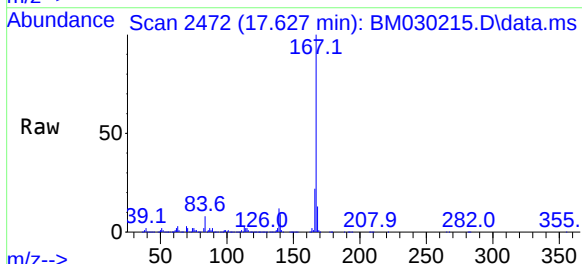
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

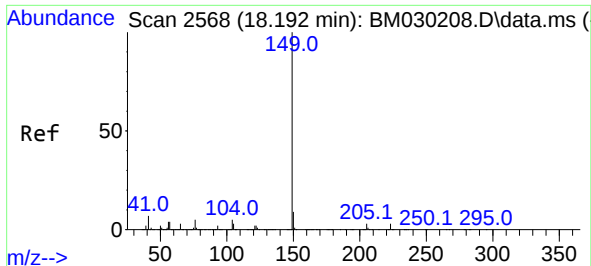
Tgt Ion:250 Resp: 712600
Ion Ratio Lower Upper
250 100
248 62.6 50.7 76.1
252 63.7 50.6 75.8



#77
Carbazole
Concen: 34.40 ng/uL
RT: 17.627 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:167 Resp: 2557796
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 12.2 9.9 14.9

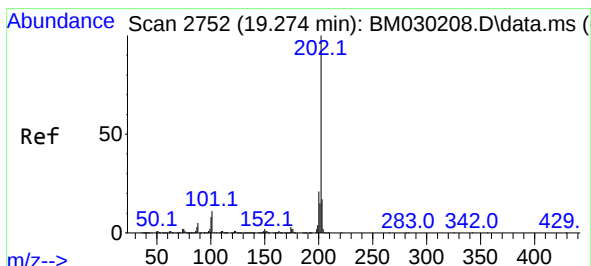
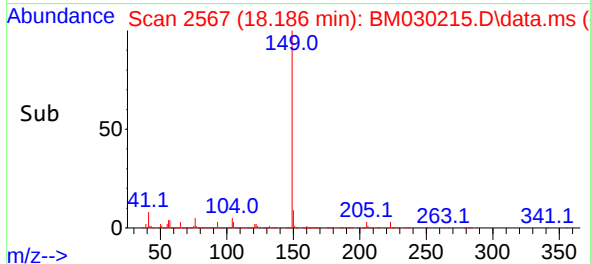
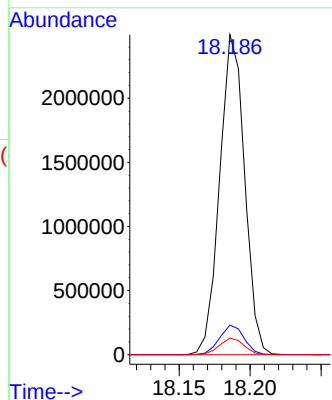
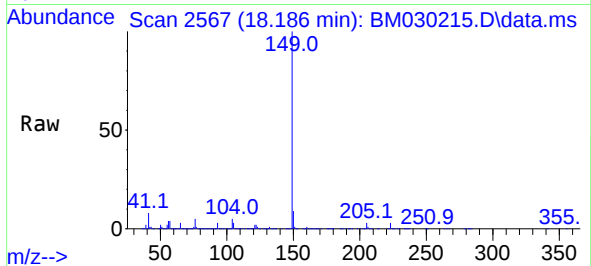




#78
Di-n-butylphthalate
Concen: 36.86 ng/ul
RT: 18.186 min Scan# 2567
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

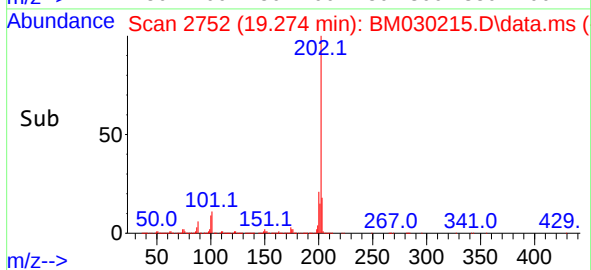
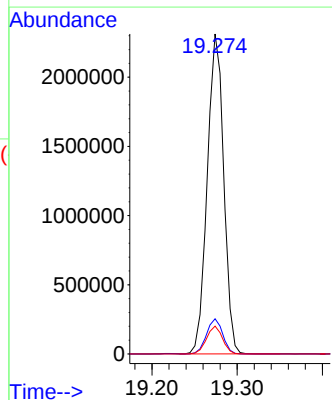
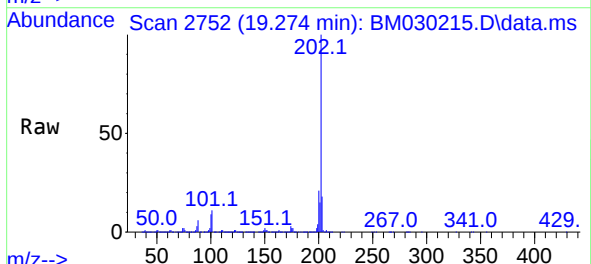
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

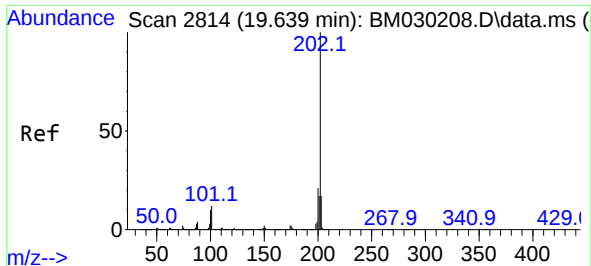
Tgt Ion:149 Resp: 3044303
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.2 4.2 6.2



#80
Fluoranthene
Concen: 39.07 ng/ul
RT: 19.274 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:202 Resp: 3101535
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.6
100 8.7 7.1 10.7

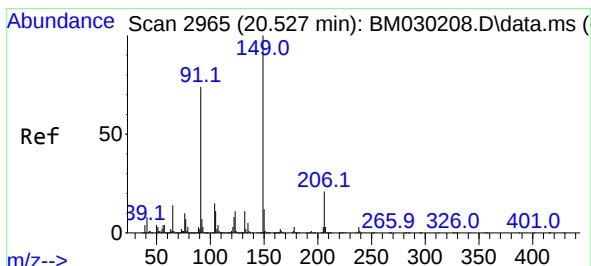
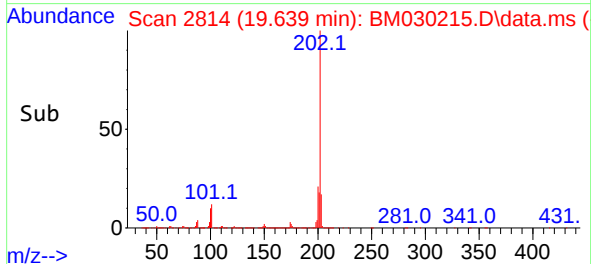
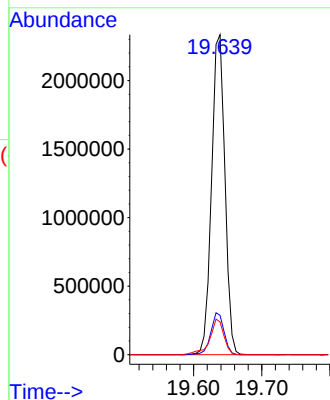
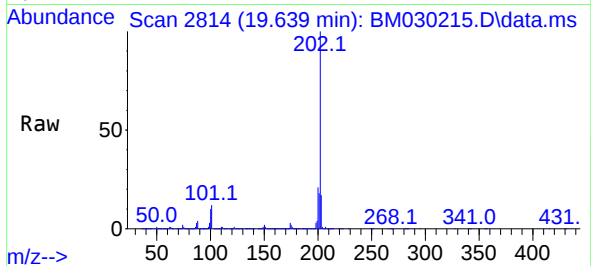




#82
Pyrene
Concen: 38.30 ng/ul
RT: 19.639 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

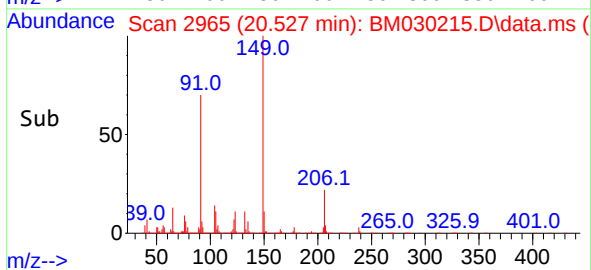
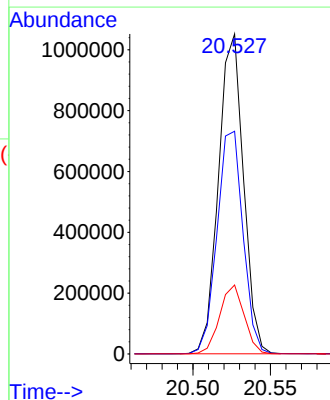
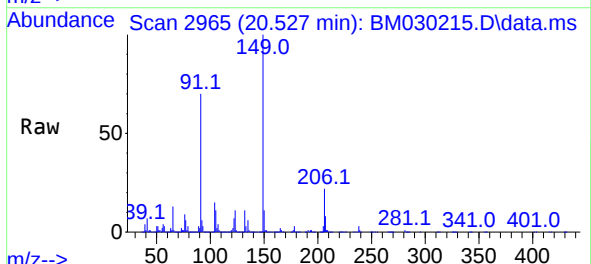
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

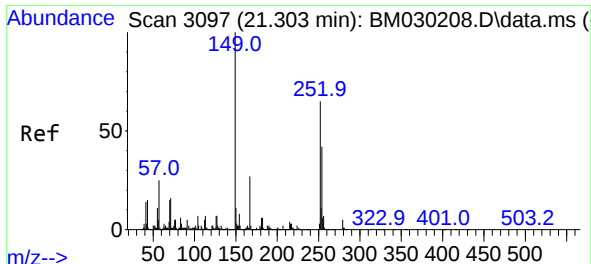
Tgt Ion:202 Resp: 3177266
Ion Ratio Lower Upper
202 100
101 12.3 9.9 14.9
100 10.2 8.2 12.4



#83
Butylbenzylphthalate
Concen: 41.64 ng/ul
RT: 20.527 min Scan# 2965
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:149 Resp: 1179142
Ion Ratio Lower Upper
149 100
91 69.6 58.1 87.1
206 21.5 15.9 23.9

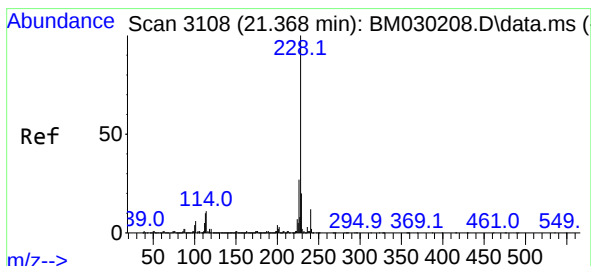
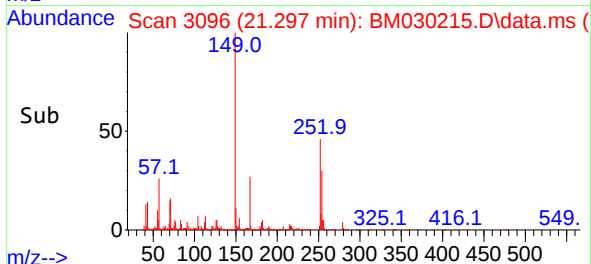
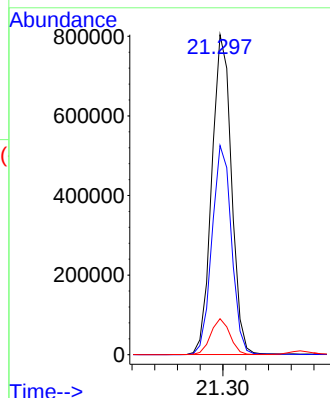
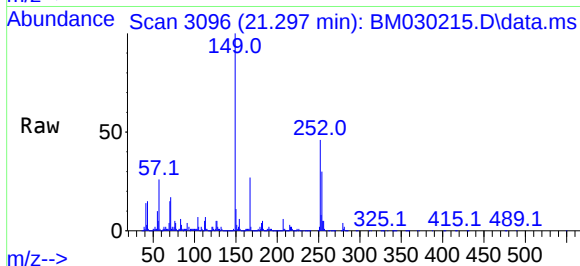




#84
3,3'-Dichlorobenzidine
Concen: 37.60 ng/ul
RT: 21.297 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

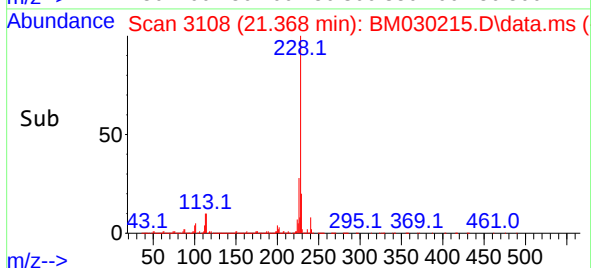
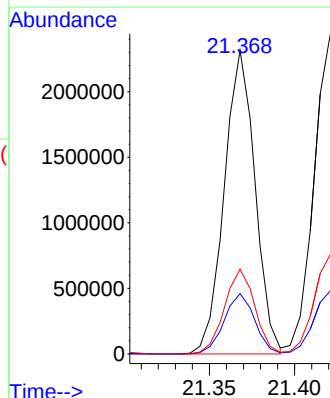
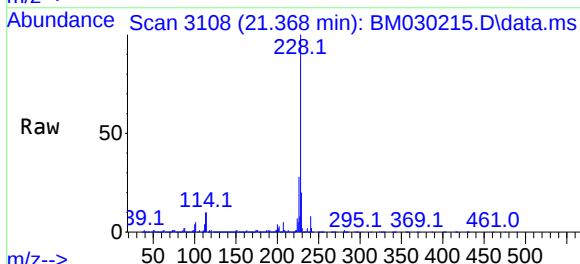
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

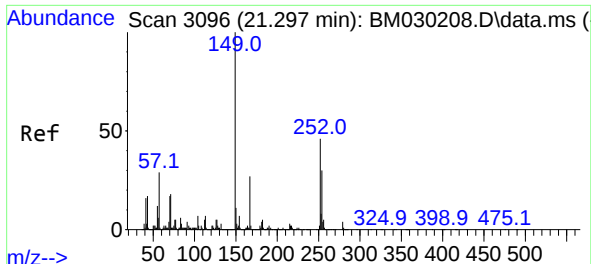
Tgt Ion:252 Resp: 964407
Ion Ratio Lower Upper
252 100
254 65.3 51.1 76.7
126 11.2 8.9 13.3



#85
Benzo(a)anthracene
Concen: 36.34 ng/ul
RT: 21.368 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:228 Resp: 2900398
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 27.9 22.4 33.6

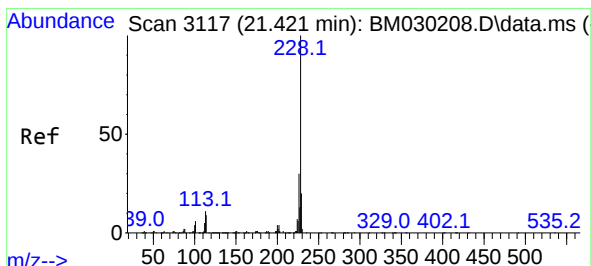
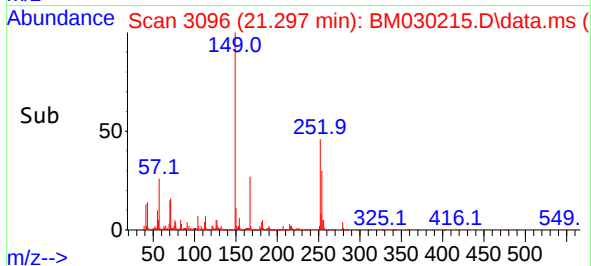
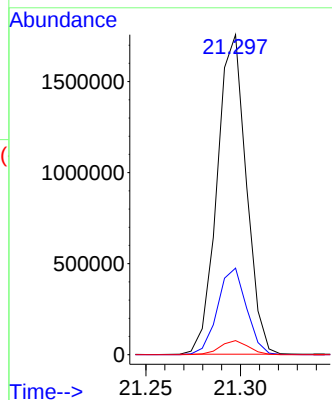
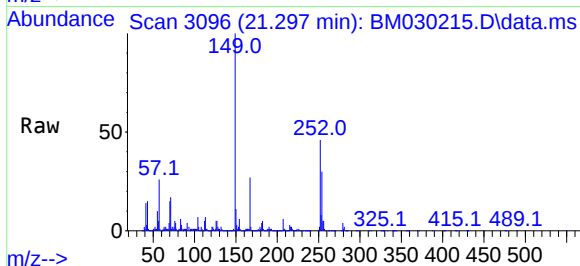




#86
Bis(2-ethylhexyl)phthalate
Concen: 41.32 ng/ul
RT: 21.297 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

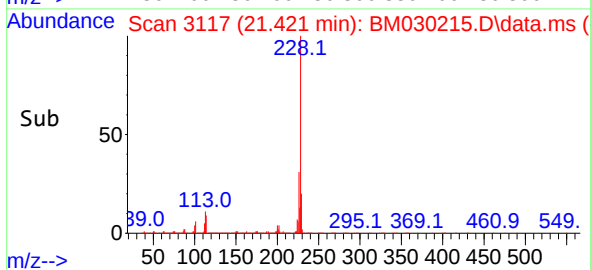
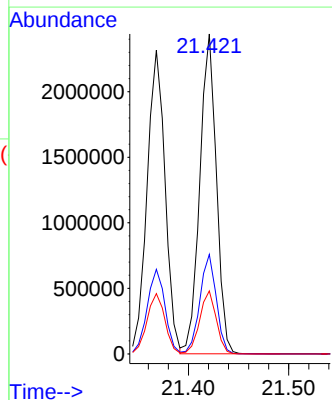
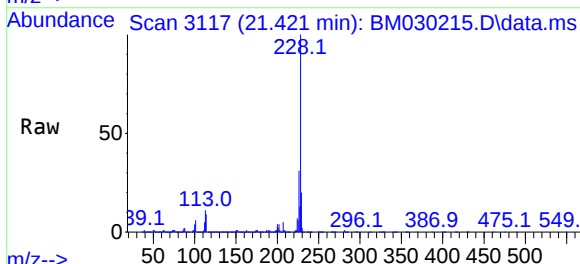
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

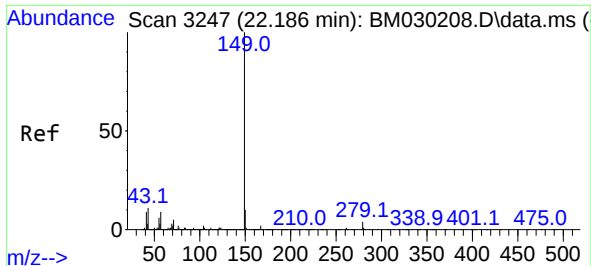
Tgt Ion:149 Resp: 1877428
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 4.4 3.6 5.4



#87
Chrysene
Concen: 36.25 ng/ul
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:228 Resp: 2816521
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 19.7 15.7 23.5

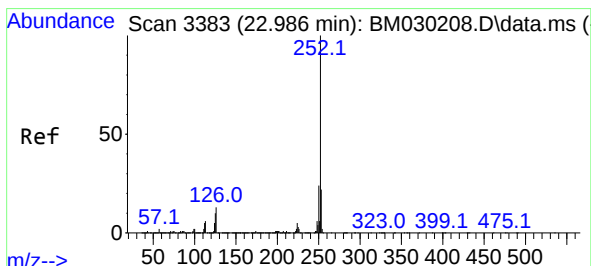
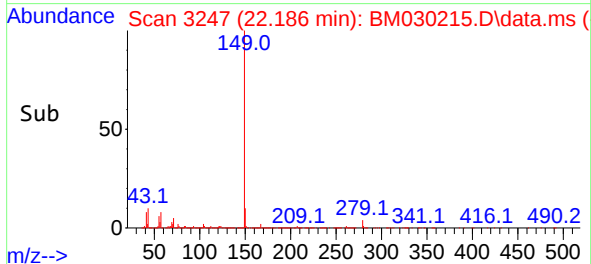
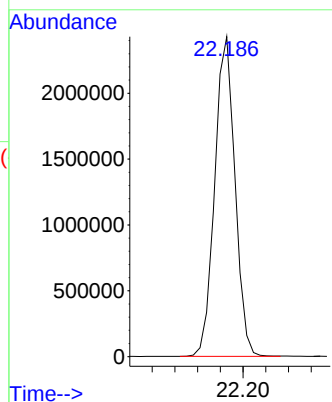
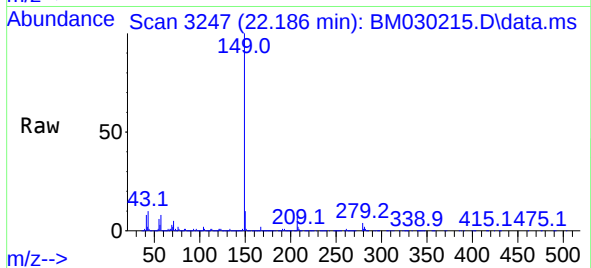




#89
Di-n-octyl phthalate
Concen: 40.64 ng/ul
RT: 22.186 min Scan# 3247
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

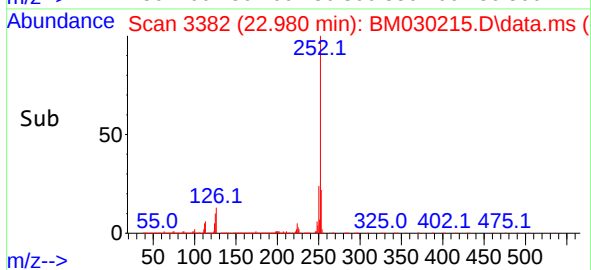
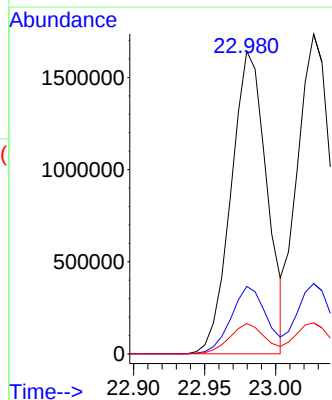
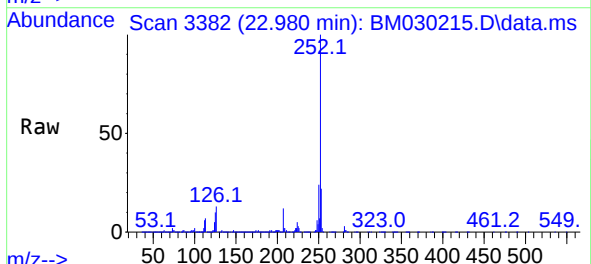
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

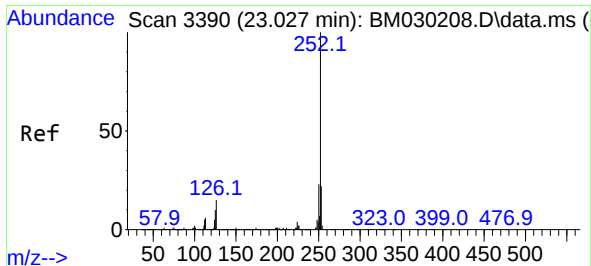
Tgt Ion:149 Resp: 3006818



#90
Benzo(b)fluoranthene
Concen: 37.31 ng/ul
RT: 22.980 min Scan# 3382
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:252 Resp: 2877323
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.1 8.0 12.0

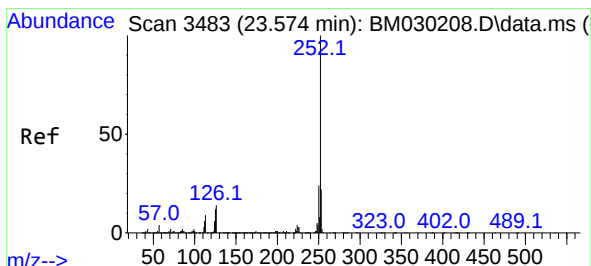
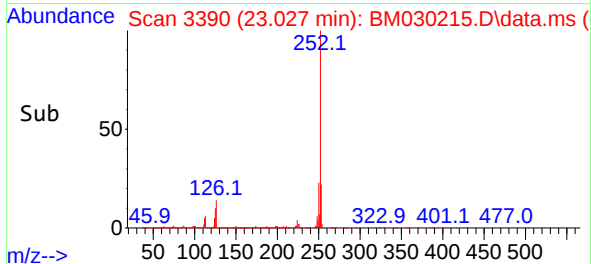
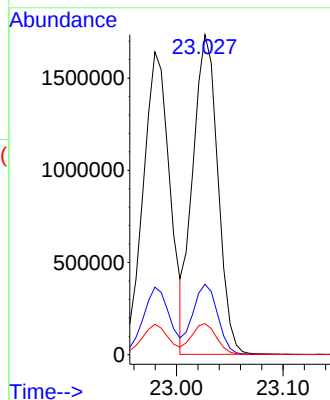
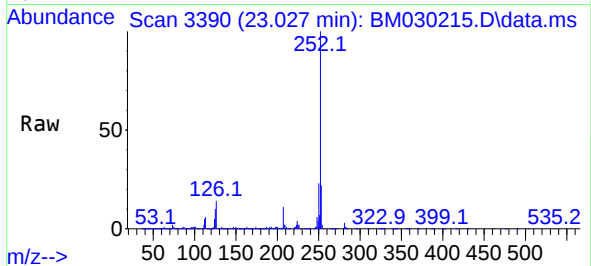




#91
Benzo(k)fluoranthene
Concen: 37.32 ng/u1
RT: 23.027 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

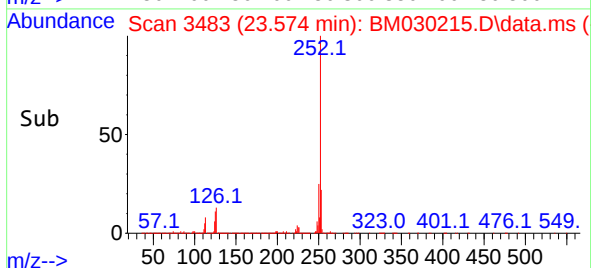
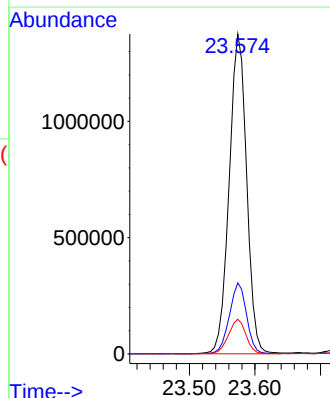
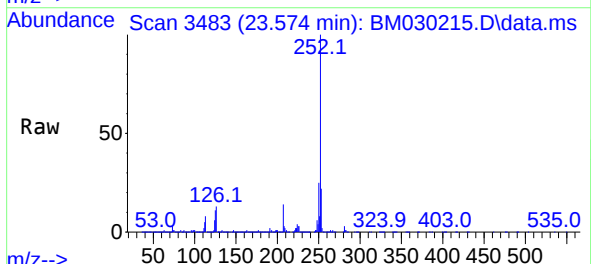
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

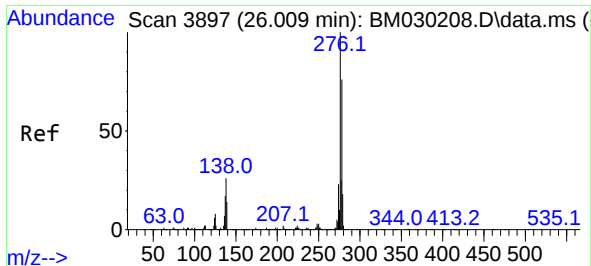
Tgt Ion:252 Resp: 2837782
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.7 7.9 11.9



#93
Benzo(a)pyrene
Concen: 37.37 ng/u1
RT: 23.574 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:252 Resp: 2543384
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.9 9.2 13.8

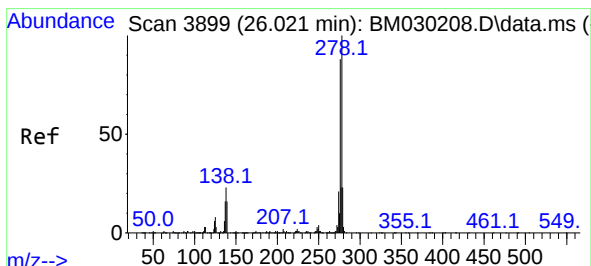
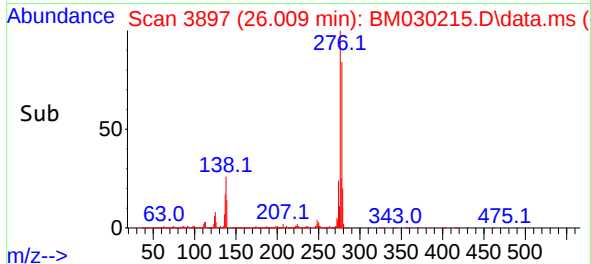
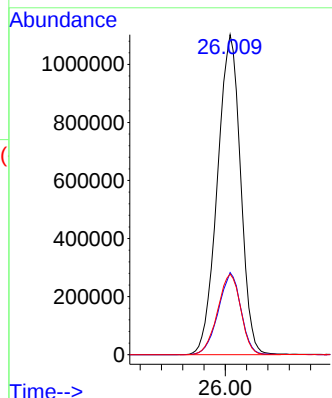
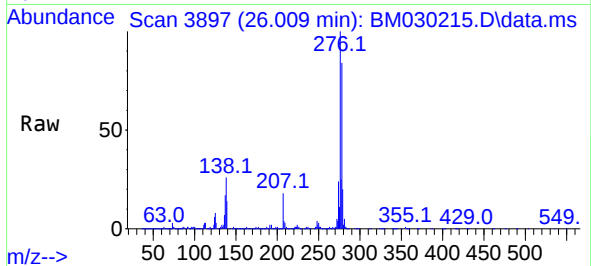




#94
Indeno(1,2,3-cd)pyrene
Concen: 38.97 ng/ul
RT: 26.009 min Scan# 3897
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

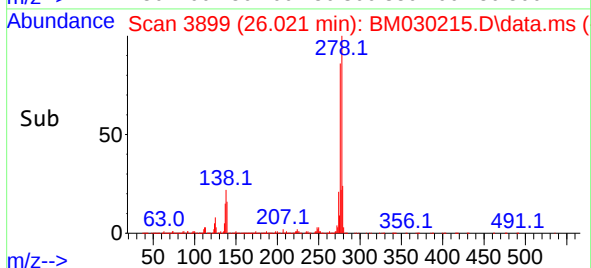
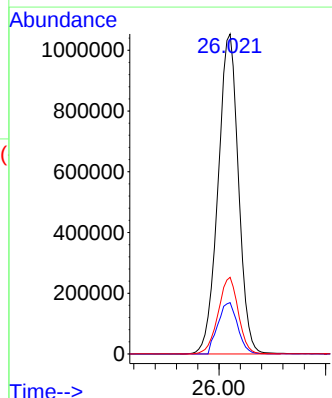
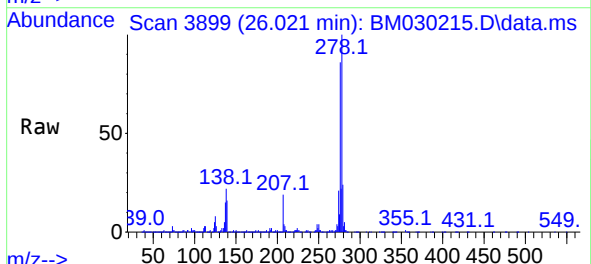
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

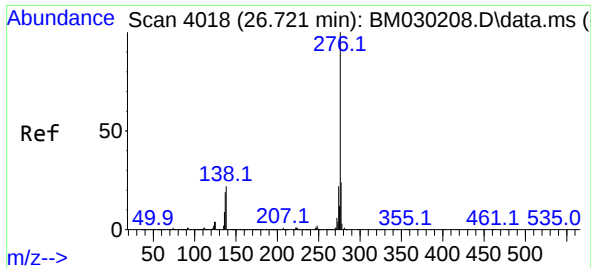
Tgt Ion:276 Resp: 3322769
Ion Ratio Lower Upper
276 100
138 25.6 19.8 29.6
277 25.2 20.2 30.4



#95
Dibenzo(a,h)anthracene
Concen: 39.24 ng/ul
RT: 26.021 min Scan# 3899
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Tgt Ion:278 Resp: 2796634
Ion Ratio Lower Upper
278 100
139 16.1 13.1 19.7
279 24.0 18.4 27.6





#96
Benzo(g,h,i)perylene
Concen: 38.70 ng/ul
RT: 26.721 min Scan# 4018
Delta R.T. -0.006 min
Lab File: BM030215.D
Acq: 28 May 2021 00:05

Instrument :
BNA_M
ClientSampleId :
YARK5MSD

Tgt Ion:276 Resp: 2696028
Ion Ratio Lower Upper
276 100
138 21.0 16.8 25.2
277 23.8 19.0 28.4

