

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031822\
 Data File : BM034281.D
 Acq On : 18 Mar 2022 18:03
 Operator : CG/JU
 Sample : PB143392BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB143392BSD

Quant Time: Mar 19 04:13:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	173834	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	751684	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	480905	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	949156	20.000	ng	0.00
76) Chrysene-d12	21.500	240	978293	20.000	ng	0.00
86) Perylene-d12	23.912	264	1045772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1439607	148.567	ng	0.00
7) Phenol-d6	7.107	99	1889668	136.204	ng	0.00
23) Nitrobenzene-d5	9.107	82	1240414	80.342	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	796841	122.932	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	2810741	79.867	ng	0.00
79) Terphenyl-d14	19.942	244	4245552	75.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.349	88	136719	31.185	ng	99
3) Pyridine	3.755	79	359628	30.314	ng	99
4) n-Nitrosodimethylamine	3.660	42	236934	42.061	ng	100
6) Aniline	7.266	93	673040	42.451	ng	100
8) 2-Chlorophenol	7.507	128	552574	48.755	ng	99
9) Benzaldehyde	7.072	77	272266	36.425	ng	96
10) Phenol	7.131	94	700761	50.786	ng	99
11) bis(2-Chloroethyl)ether	7.360	93	506189	44.694	ng	99
12) 1,3-Dichlorobenzene	7.837	146	547784	42.609	ng	99
13) 1,4-Dichlorobenzene	7.978	146	565628	42.976	ng	100
14) 1,2-Dichlorobenzene	8.301	146	548648	42.762	ng	97
15) Benzyl Alcohol	8.184	79	518868	46.994	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.478	45	692036	44.525	ng	99
17) 2-Methylphenol	8.390	107	468700	48.500	ng	98
18) Hexachloroethane	9.037	117	212394	43.754	ng	99
19) n-Nitroso-di-n-propyla...	8.760	70	436931	43.539	ng	99
20) 3+4-Methylphenols	8.719	107	635464	47.546	ng	99
22) Acetophenone	8.772	105	830811	43.069	ng	99
24) Nitrobenzene	9.148	77	629562	43.675	ng	99
25) Isophorone	9.684	82	1110366	42.978	ng	99
26) 2-Nitrophenol	9.866	139	288794	45.178	ng	98
27) 2,4-Dimethylphenol	9.931	122	528809	52.831	ng	97
28) bis(2-Chloroethoxy)met...	10.166	93	697172	42.149	ng	100
29) 2,4-Dichlorophenol	10.401	162	535132	46.014	ng	99
30) 1,2,4-Trichlorobenzene	10.625	180	546184	41.316	ng	99
31) Naphthalene	10.807	128	1668460	42.605	ng	99
32) Benzoic acid	10.072	122	373253	45.094	ng	99
33) 4-Chloroaniline	10.913	127	316118	20.464	ng	100
34) Hexachlorobutadiene	11.107	225	335522	40.071	ng	98
35) Caprolactam	11.695	113	93720	23.182	ng	98
36) 4-Chloro-3-methylphenol	12.042	107	596559	44.761	ng	98
37) 2-Methylnaphthalene	12.419	142	1234204	44.168	ng	98
38) 1-Methylnaphthalene	12.636	142	1148562	42.018	ng	99
40) 1,2,4,5-Tetrachloroben...	12.789	216	636443	43.854	ng	99
41) Hexachlorocyclopentadiene	12.777	237	858435	102.157	ng	99
43) 2,4,6-Trichlorophenol	13.025	196	430001	42.916	ng	99

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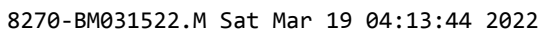
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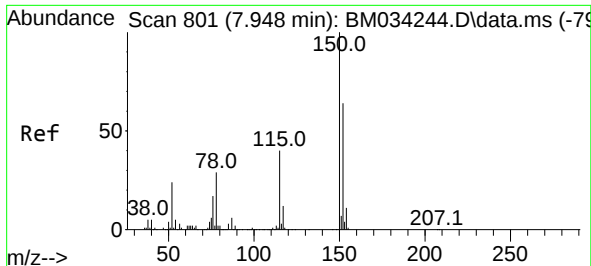
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	473727	44.049	ng	98
46) 1,1'-Biphenyl	13.424	154	1611253	43.941	ng	100
47) 2-Chloronaphthalene	13.466	162	1207237	42.892	ng	98
48) 2-Nitroaniline	13.660	65	392553	45.620	ng	97
49) Acenaphthylene	14.313	152	1914800	43.648	ng	99
50) Dimethylphthalate	14.048	163	1541773	42.123	ng	100
51) 2,6-Dinitrotoluene	14.160	165	339125	45.172	ng	95
52) Acenaphthene	14.654	154	1185095	40.106	ng	99
53) 3-Nitroaniline	14.483	138	216869	28.793	ng	99
54) 2,4-Dinitrophenol	14.689	184	386881	91.978	ng	98
55) Dibenzofuran	14.983	168	1817662	41.277	ng	99
56) 4-Nitrophenol	14.789	139	585307	95.856	ng	97
57) 2,4-Dinitrotoluene	14.942	165	470349	46.349	ng	97
58) Fluorene	15.630	166	1531520	42.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	410110	42.288	ng	99
60) Diethylphthalate	15.407	149	1581073	42.104	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	752253	41.216	ng	99
62) 4-Nitroaniline	15.648	138	327789	45.239	ng	98
63) Azobenzene	15.918	77	1531349	42.290	ng	99
65) 4,6-Dinitro-2-methylph...	15.707	198	253342	41.048	ng	98
66) n-Nitrosodiphenylamine	15.836	169	1325137	43.945	ng	99
67) 4-Bromophenyl-phenylether	16.518	248	467079	42.807	ng	96
68) Hexachlorobenzene	16.636	284	525271	43.161	ng	98
69) Atrazine	16.789	200	481478	48.442	ng	99
70) Pentachlorophenol	16.977	266	720990	92.640	ng	98
71) Phenanthrene	17.371	178	2343364	44.086	ng	100
72) Anthracene	17.459	178	2383951	46.078	ng	100
73) Carbazole	17.724	167	2084429	43.200	ng	99
74) Di-n-butylphthalate	18.295	149	2667375	44.468	ng	99
75) Fluoranthene	19.377	202	2678615	44.952	ng	98
77) Benzidine	19.559	184	1073070	74.850	ng	99
78) Pyrene	19.742	202	2780423	40.339	ng	100
80) Butylbenzylphthalate	20.636	149	1201174	41.207	ng	98
81) Benzo(a)anthracene	21.483	228	2632764	42.639	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	704161	34.144	ng	98
83) Chrysene	21.536	228	2732560	43.337	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	1845527	42.874	ng	99
85) Di-n-octyl phthalate	22.336	149	3237828	47.386	ng	100
87) Indeno(1,2,3-cd)pyrene	26.441	276	3185956	47.358	ng	98
88) Benzo(b)fluoranthene	23.177	252	2918524	46.670	ng	100
89) Benzo(k)fluoranthene	23.224	252	3003829	45.345	ng	99
90) Benzo(a)pyrene	23.806	252	2865001	54.043	ng	100
91) Dibenzo(a,h)anthracene	26.453	278	2669229	48.934	ng	99
92) Benzo(g,h,i)perylene	27.212	276	2682427	47.510	ng	99

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

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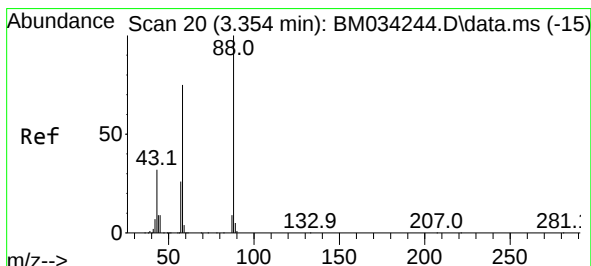
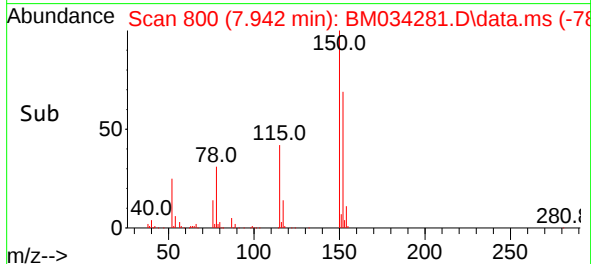
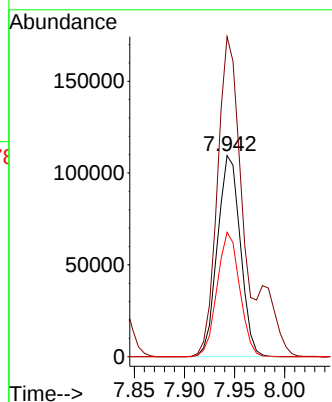
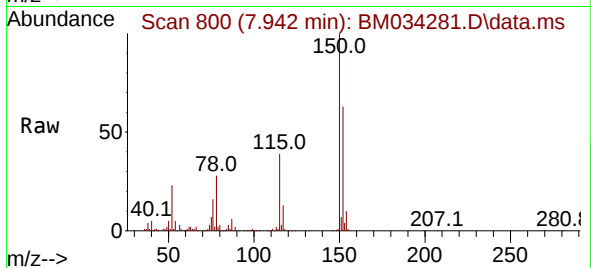




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.942 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

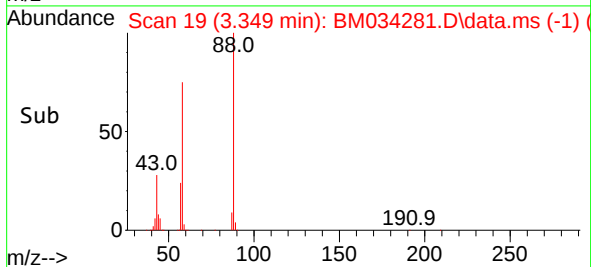
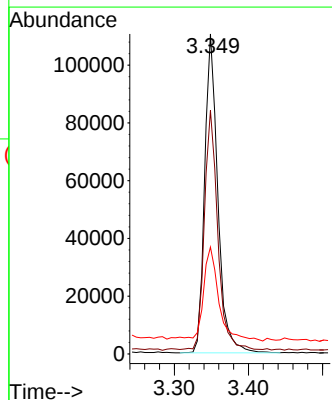
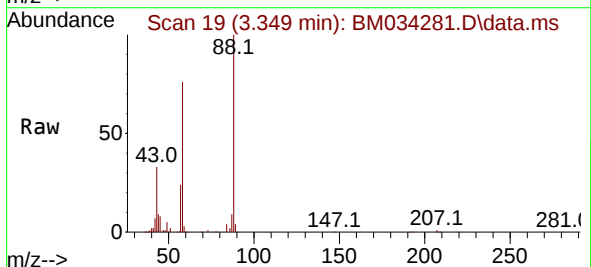
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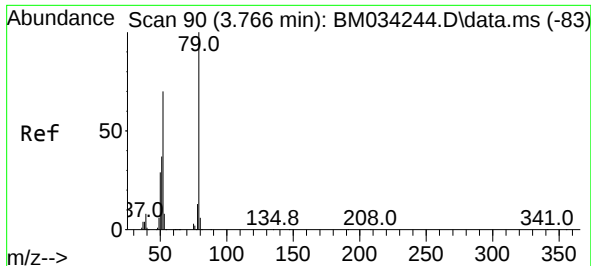
Tgt Ion:152 Resp: 173834
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.4 188.2
 115 61.8 50.1 75.1



#2
 1,4-Dioxane
 Concen: 31.185 ng
 RT: 3.349 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

Tgt Ion: 88 Resp: 136719
 Ion Ratio Lower Upper
 88 100
 58 75.5 60.4 90.6
 43 34.1 25.4 38.0

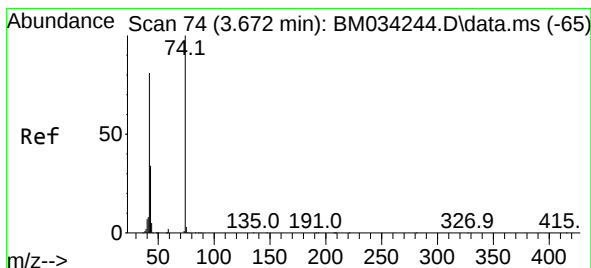
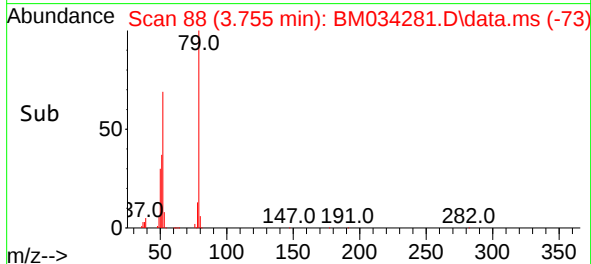
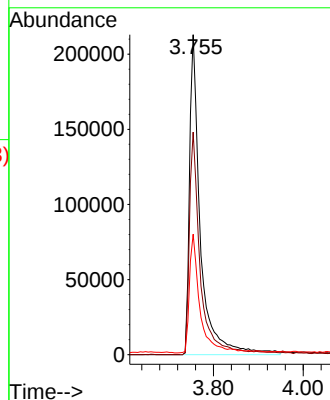
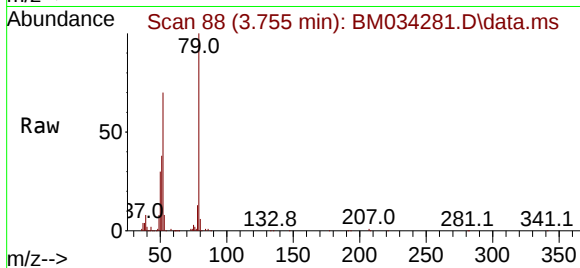




#3
 Pyridine
 Concen: 30.314 ng
 RT: 3.755 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

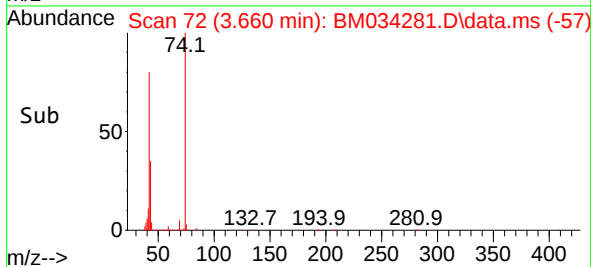
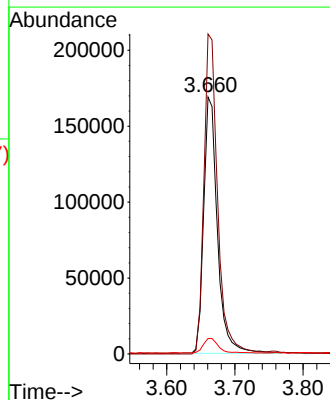
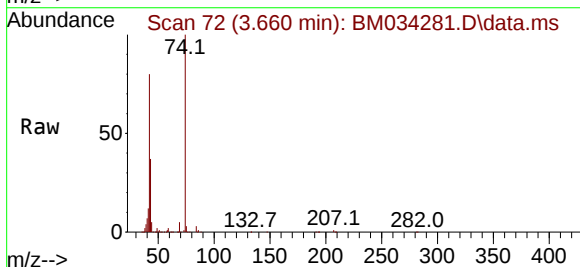
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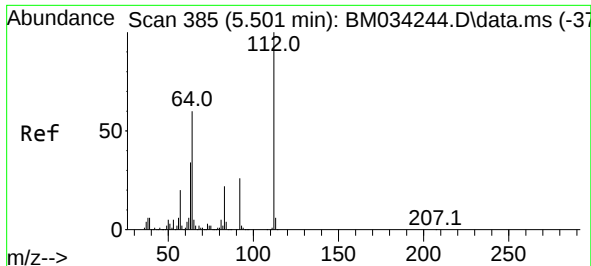
Tgt Ion: 79 Resp: 359628
 Ion Ratio Lower Upper
 79 100
 52 69.6 56.1 84.1
 51 37.7 30.4 45.6



#4
 n-Nitrosodimethylamine
 Concen: 42.061 ng
 RT: 3.660 min Scan# 72
 Delta R.T. -0.012 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

Tgt Ion: 42 Resp: 236934
 Ion Ratio Lower Upper
 42 100
 74 124.5 99.3 148.9
 44 6.0 5.0 7.6

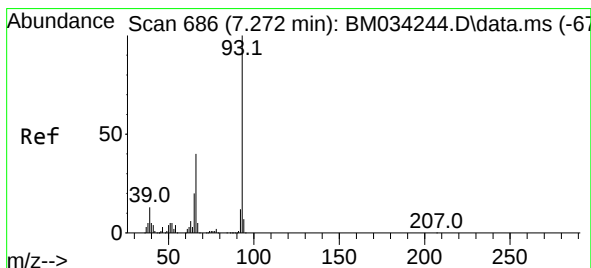
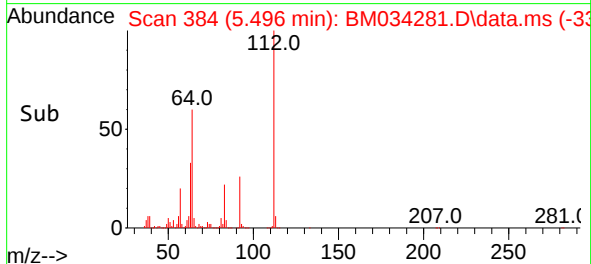
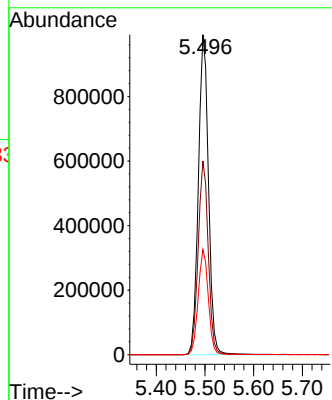
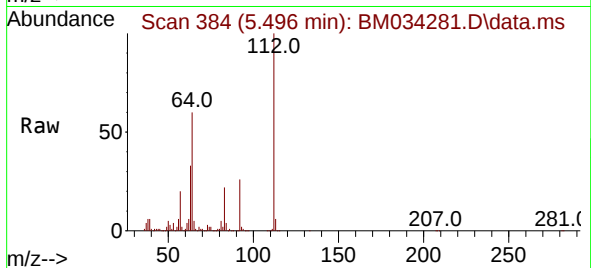




#5
2-Fluorophenol
Concen: 148.567 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

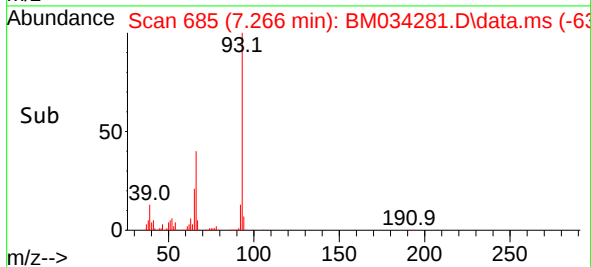
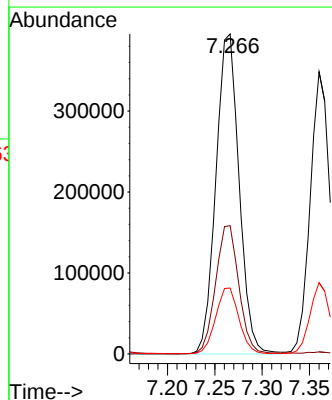
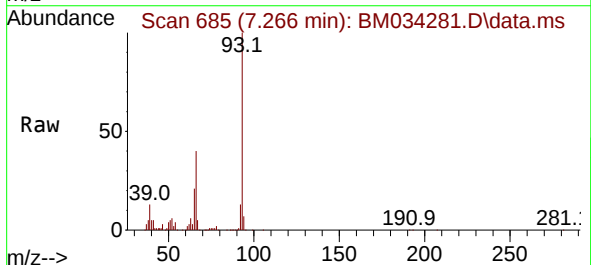
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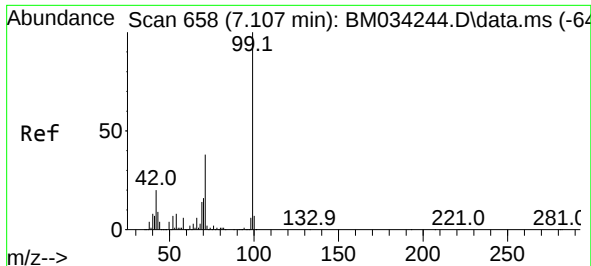
Tgt Ion:112 Resp: 1439607
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 32.9 27.1 40.7



#6
Aniline
Concen: 42.451 ng
RT: 7.266 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion: 93 Resp: 673040
Ion Ratio Lower Upper
93 100
66 40.1 31.9 47.9
65 20.6 16.2 24.4



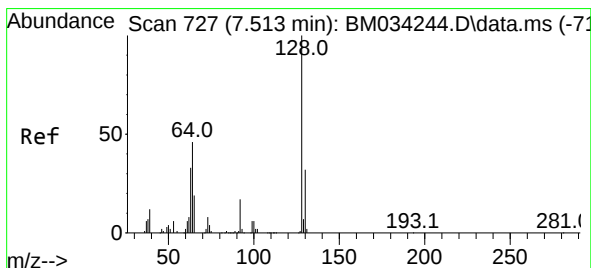
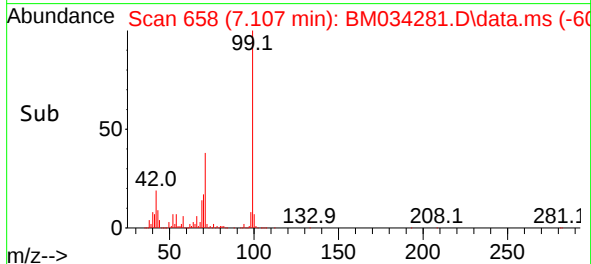
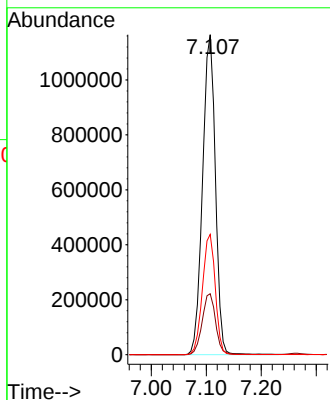
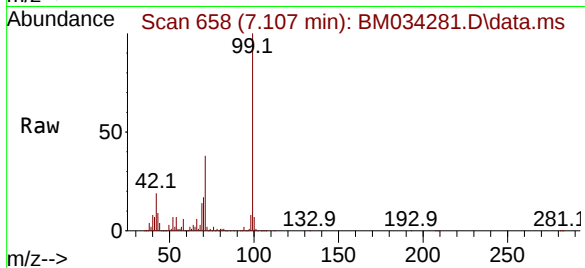


#7
Phenol-d6
Concen: 136.204 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Instrument :
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ClientSampleId :
PB143392BSD

Tgt Ion: 99 Resp: 1889668

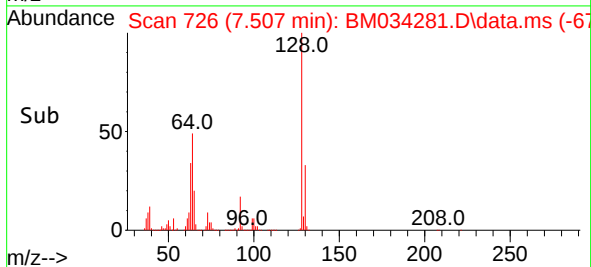
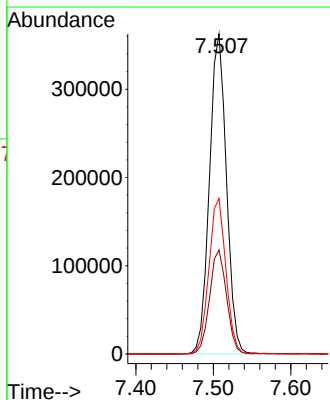
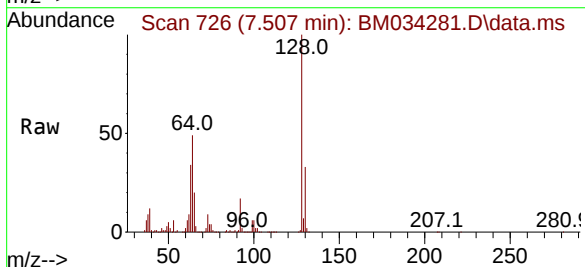
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.6	23.4
71	37.6	30.6	46.0

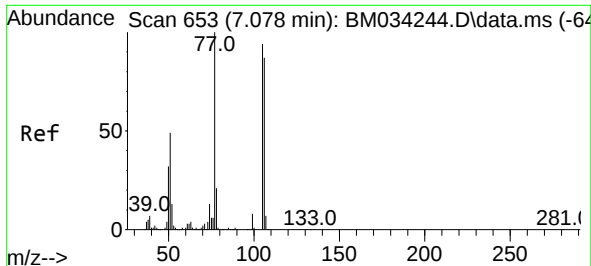


#8
2-Chlorophenol
Concen: 48.755 ng
RT: 7.507 min Scan# 726
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:128 Resp: 552574

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	48.6	28.1	68.1

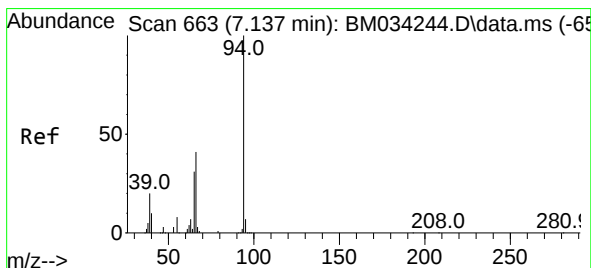
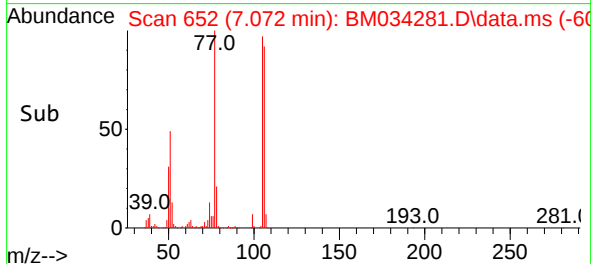
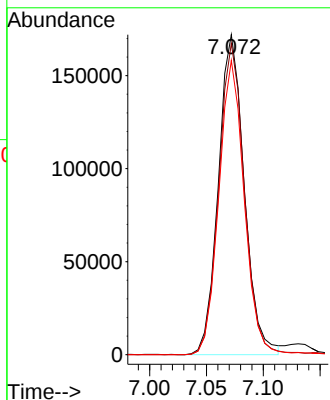
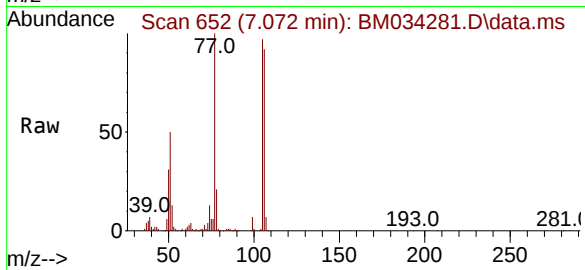




#9
Benzaldehyde
Concen: 36.425 ng
RT: 7.072 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

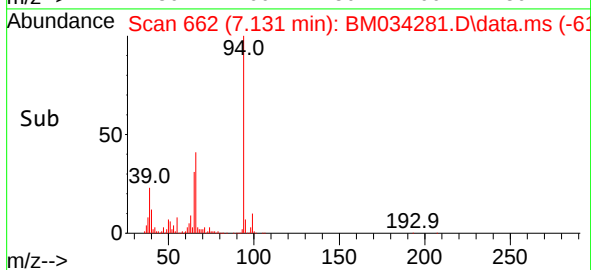
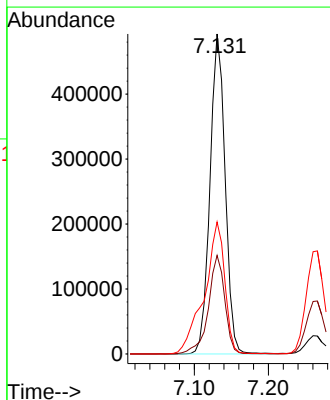
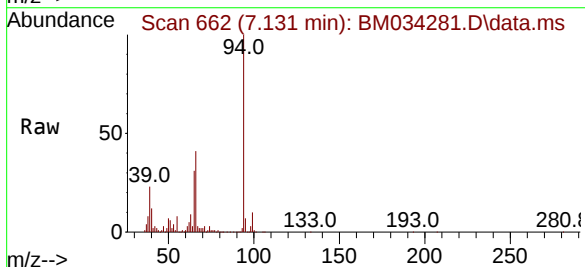
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ClientSampleId :
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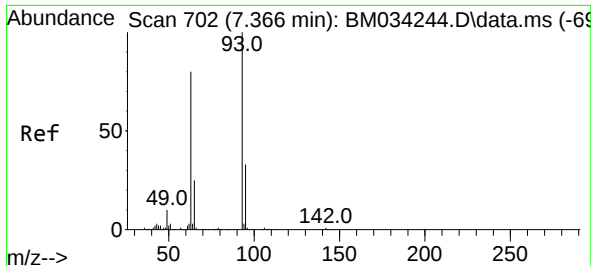
Tgt Ion: 77 Resp: 272266
Ion Ratio Lower Upper
77 100
105 97.2 73.9 113.9
106 92.0 67.2 107.2



#10
Phenol
Concen: 50.786 ng
RT: 7.131 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion: 94 Resp: 700761
Ion Ratio Lower Upper
94 100
65 30.8 10.9 50.9
66 41.3 22.0 62.0

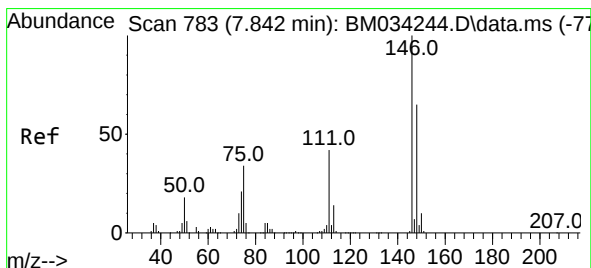
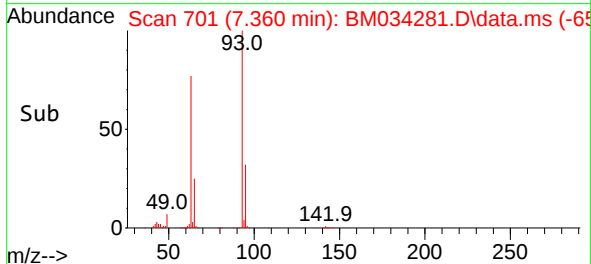
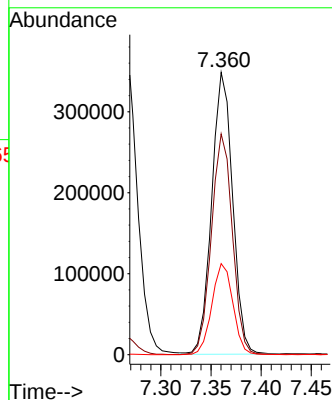
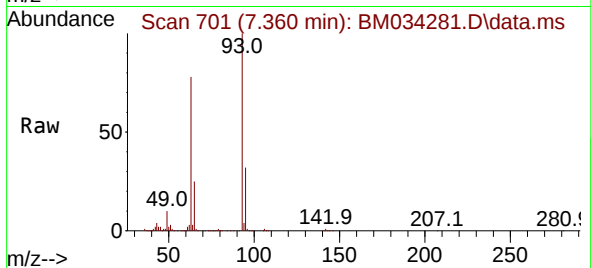




#11
bis(2-Chloroethyl)ether
Concen: 44.694 ng
RT: 7.360 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

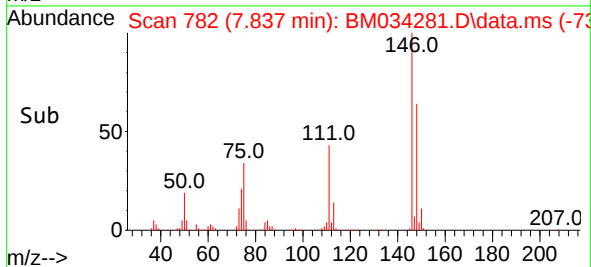
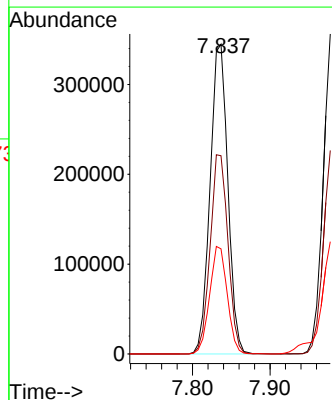
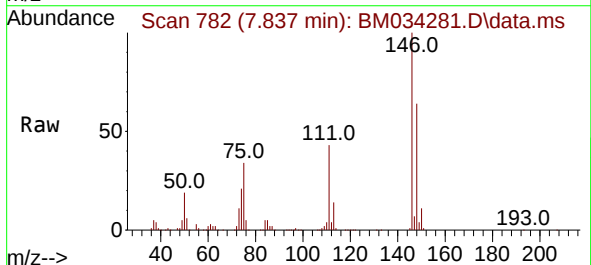
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

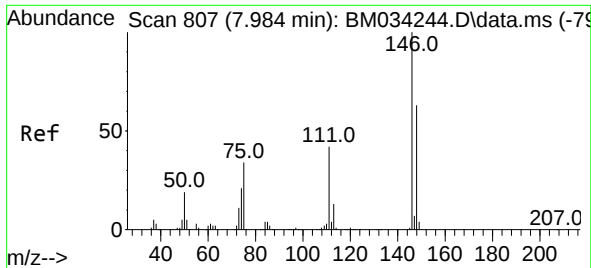
Tgt Ion: 93 Resp: 506189
Ion Ratio Lower Upper
93 100
63 78.2 59.6 99.6
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.609 ng
RT: 7.837 min Scan# 782
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:146 Resp: 547784
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 33.9 27.1 40.7

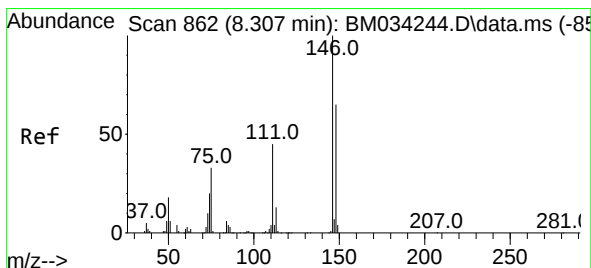
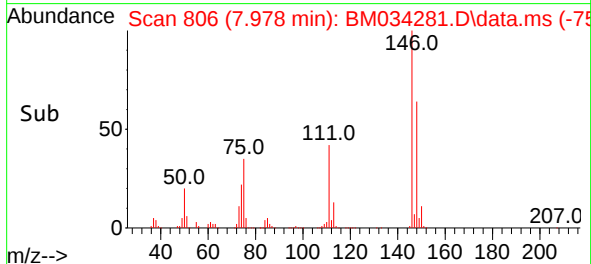
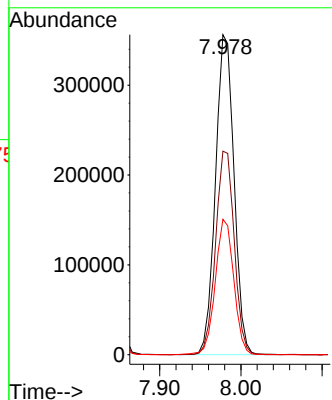
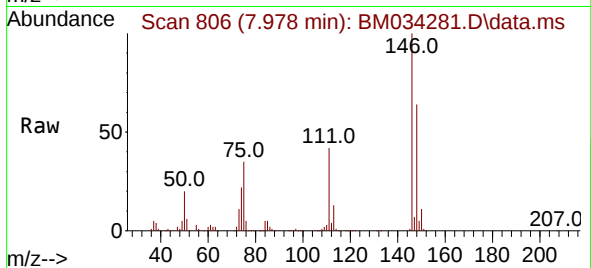




#13
1,4-Dichlorobenzene
Concen: 42.976 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

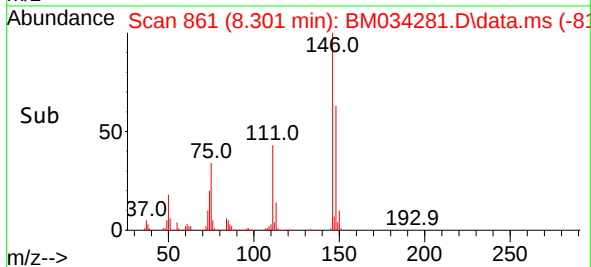
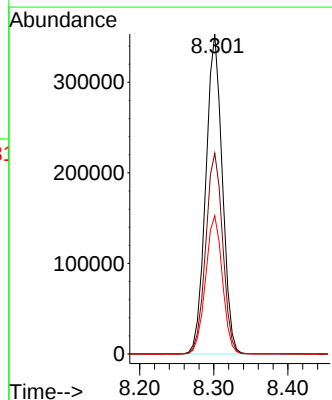
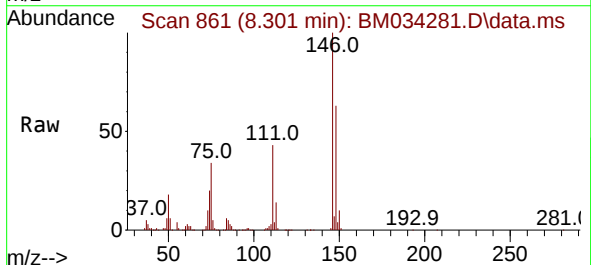
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

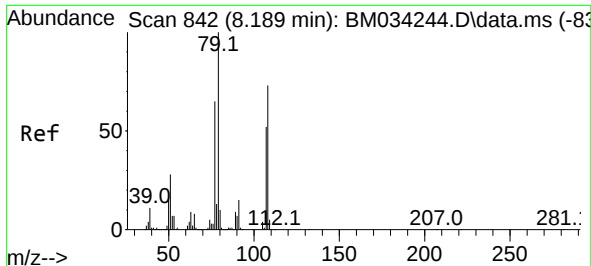
Tgt Ion:146 Resp: 565628
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
111 42.3 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 42.762 ng
RT: 8.301 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:146 Resp: 548648
Ion Ratio Lower Upper
146 100
148 62.8 52.2 78.4
111 43.2 35.8 53.8

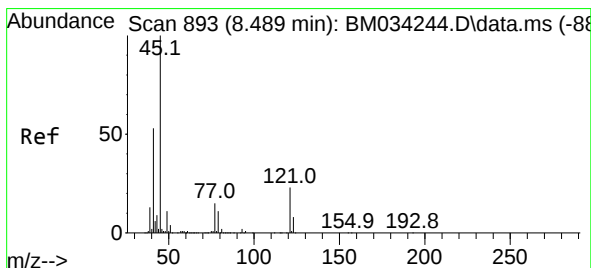
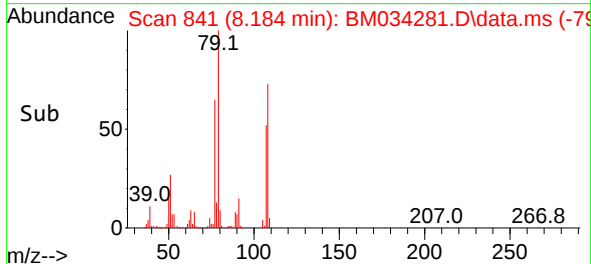
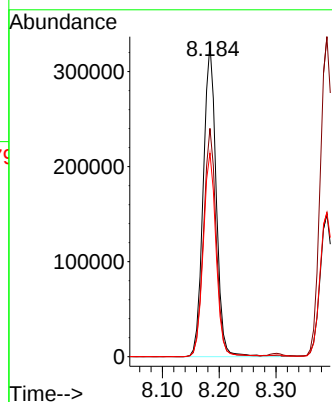
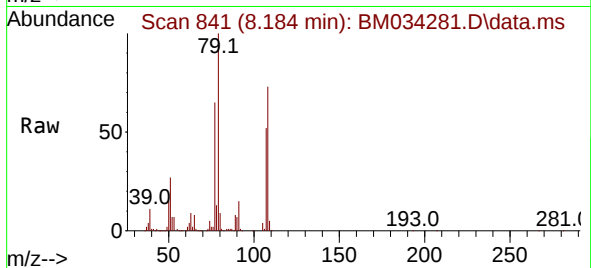




#15
Benzyl Alcohol
Concen: 46.994 ng
RT: 8.184 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

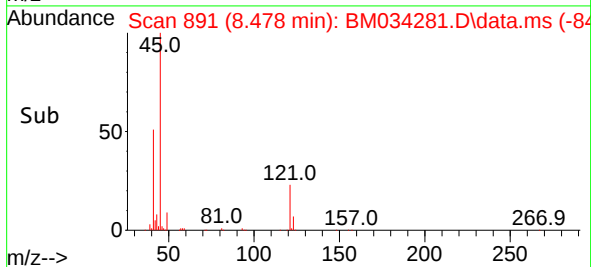
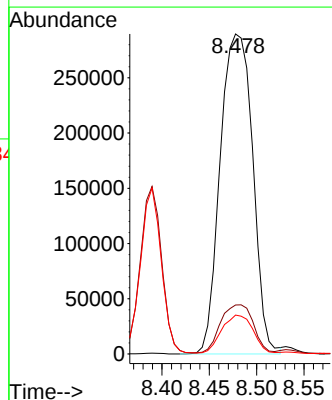
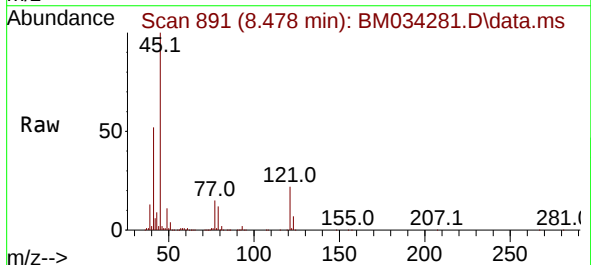
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

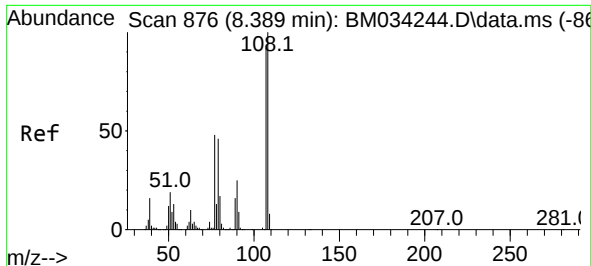
Tgt Ion: 79 Resp: 518868
Ion Ratio Lower Upper
79 100
108 72.9 58.1 87.1
77 65.1 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.525 ng
RT: 8.478 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion: 45 Resp: 692036
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.7
79 12.1 0.0 31.7

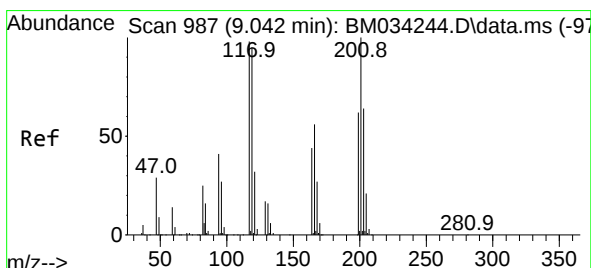
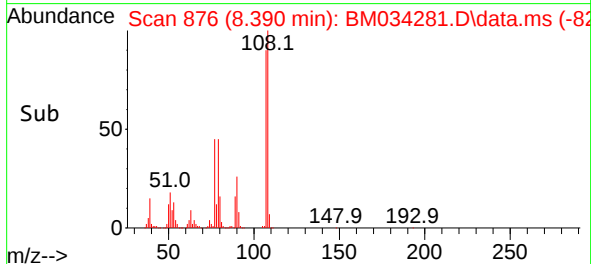
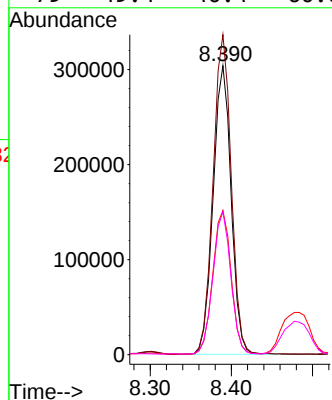
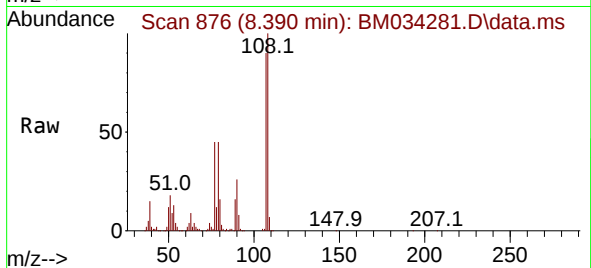




#17
2-Methylphenol
Concen: 48.500 ng
RT: 8.390 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

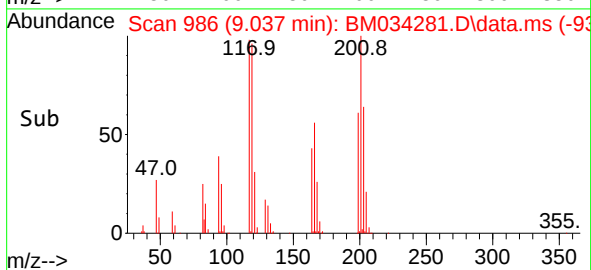
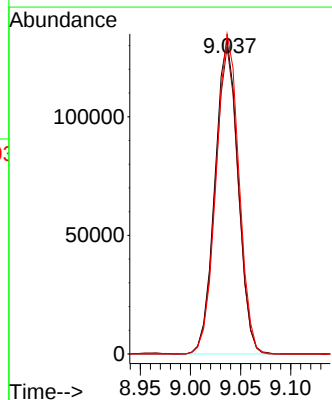
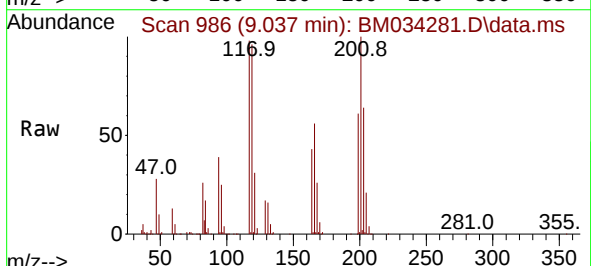
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

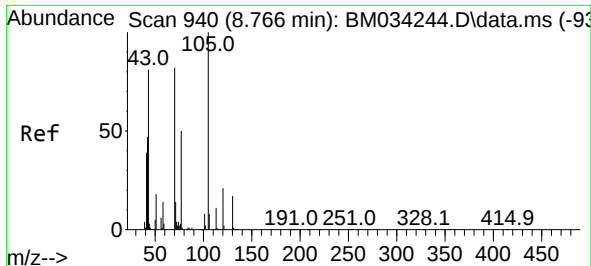
Tgt Ion:	107	Resp:	468700
Ion	Ratio	Lower	Upper
107	100		
108	110.7	87.3	130.9
77	49.9	41.6	62.4
79	49.4	40.4	60.6



#18
Hexachloroethane
Concen: 43.754 ng
RT: 9.037 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:	117	Resp:	212394
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.0
201	101.8	81.6	122.4

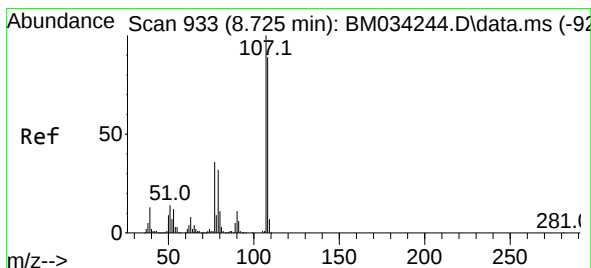
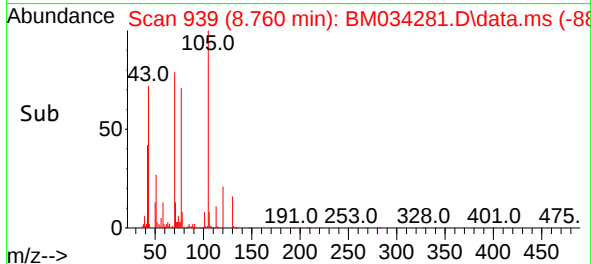
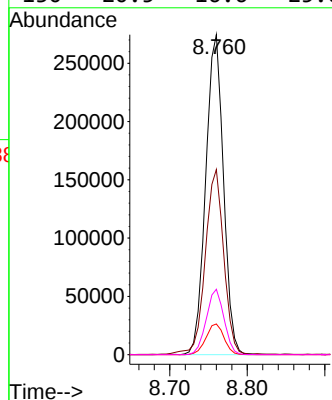
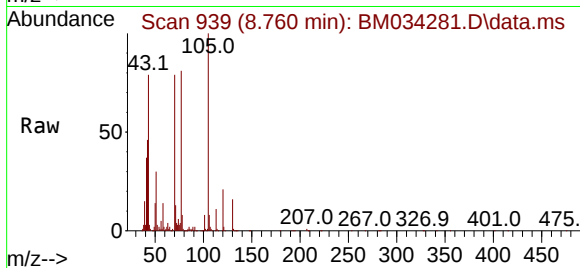




#19
n-Nitroso-di-n-propylamine
Concen: 43.539 ng
RT: 8.760 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

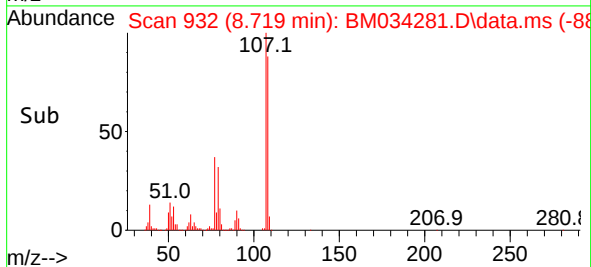
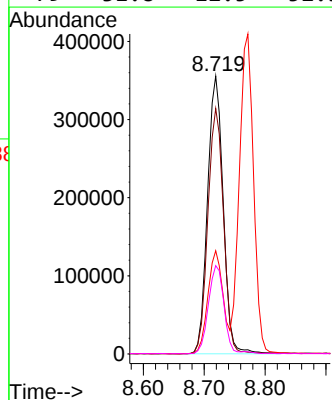
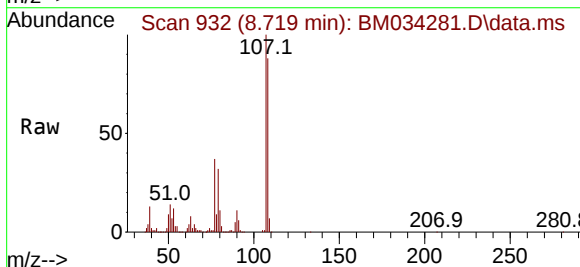
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

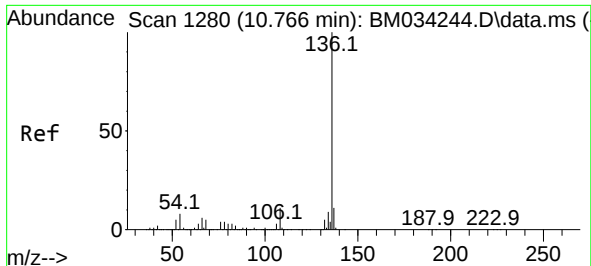
Tgt Ion: 70 Resp: 436931
Ion Ratio Lower Upper
70 100
42 57.8 46.7 70.1
101 9.6 7.8 11.6
130 20.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 47.546 ng
RT: 8.719 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion: 107 Resp: 635464
Ion Ratio Lower Upper
107 100
108 88.3 69.2 109.2
77 37.1 16.5 56.5
79 31.8 12.5 52.5

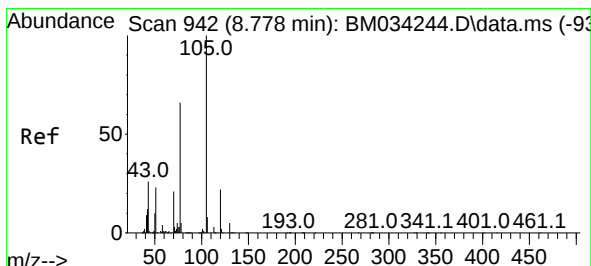
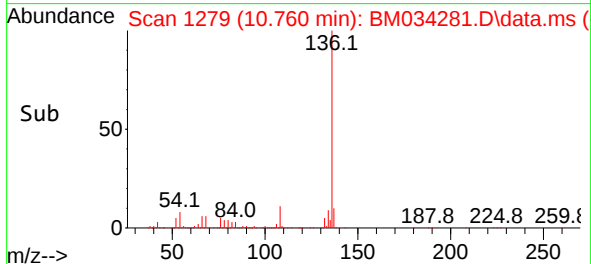
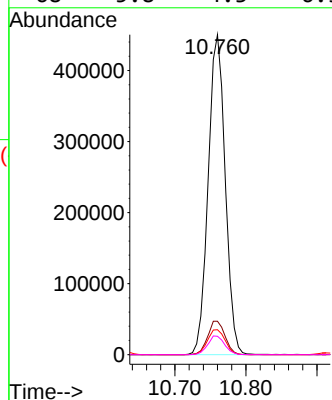
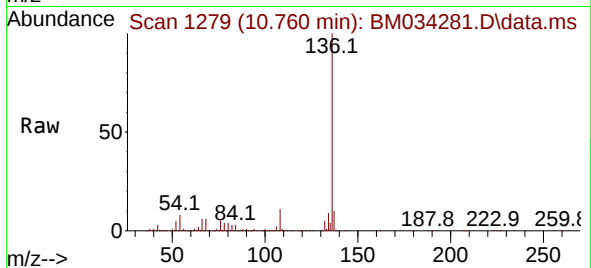




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

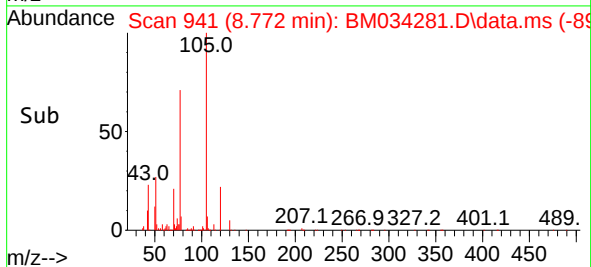
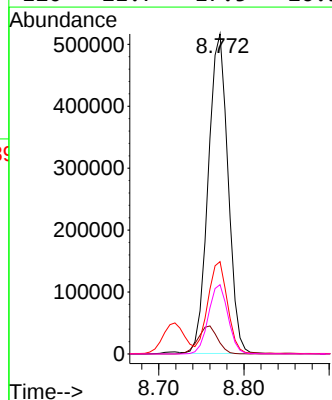
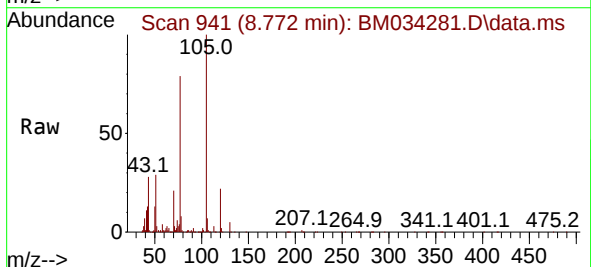
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

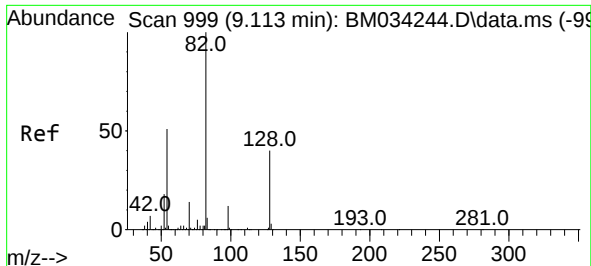
Tgt Ion:	136	Resp:	751684
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.8	6.2	9.4
68	5.8	4.3	6.5



#22
Acetophenone
Concen: 43.069 ng
RT: 8.772 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:	105	Resp:	830811
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.0	4.4
51	28.9	22.6	33.8
120	21.7	17.5	26.3

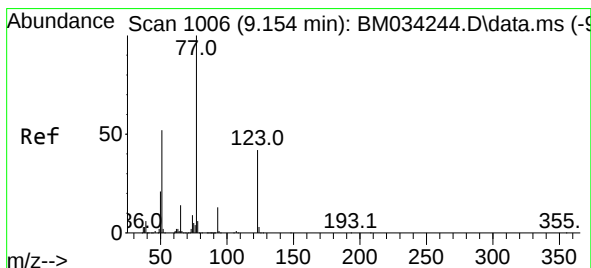
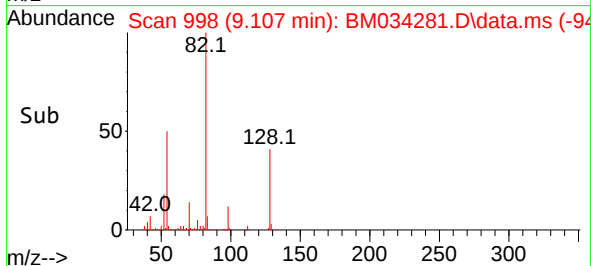
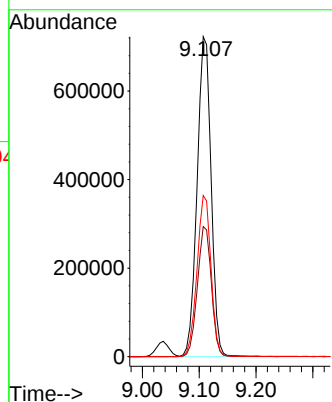
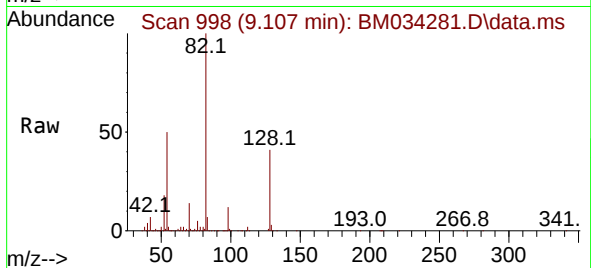




#23
Nitrobenzene-d5
Concen: 80.342 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

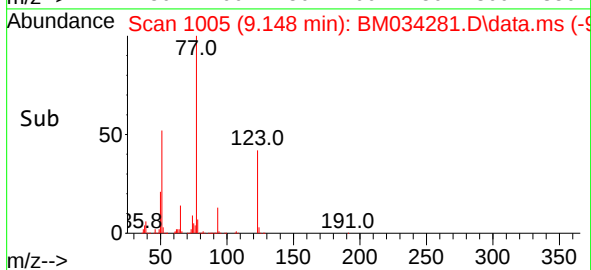
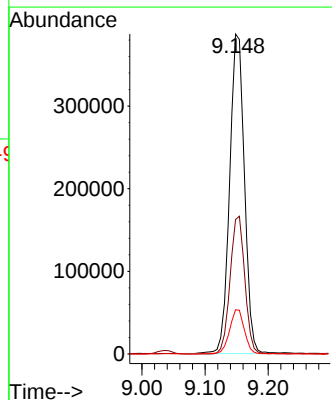
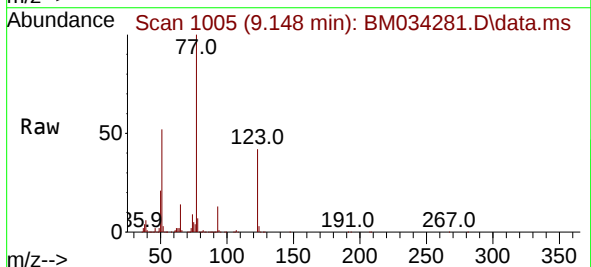
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

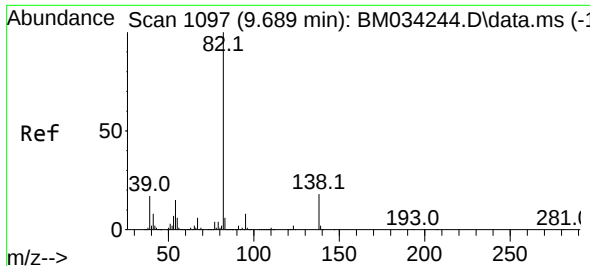
Tgt Ion: 82 Resp: 1240414
Ion Ratio Lower Upper
82 100
128 40.7 31.9 47.9
54 50.3 40.6 61.0



#24
Nitrobenzene
Concen: 43.675 ng
RT: 9.148 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion: 77 Resp: 629562
Ion Ratio Lower Upper
77 100
123 42.0 33.3 49.9
65 13.8 11.0 16.4

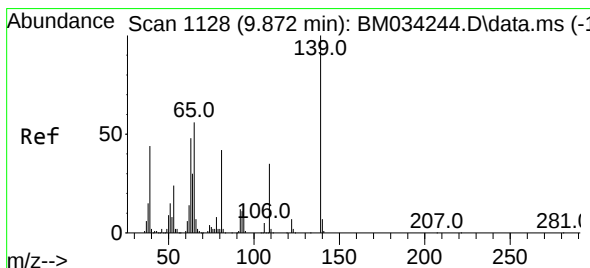
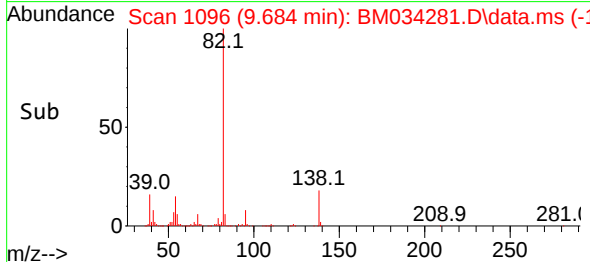
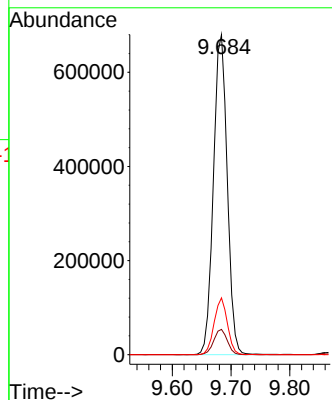
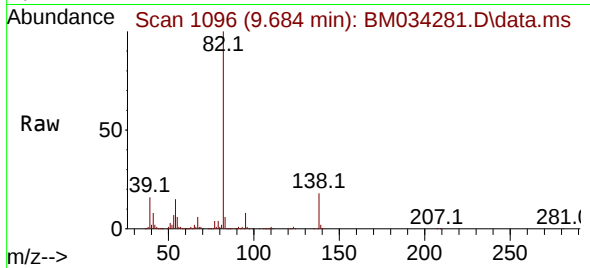




#25
Isophorone
Concen: 42.978 ng
RT: 9.684 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

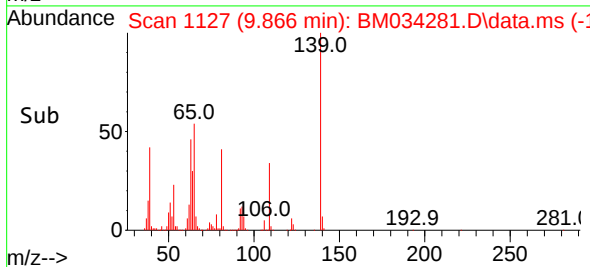
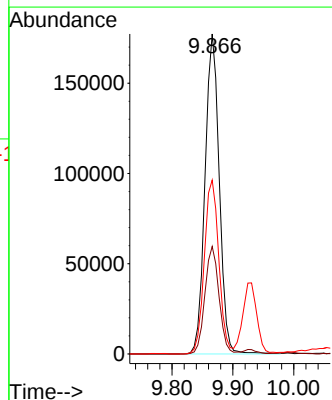
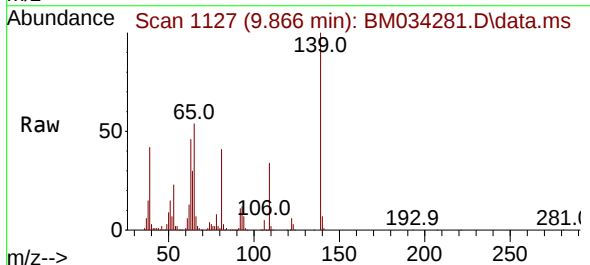
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

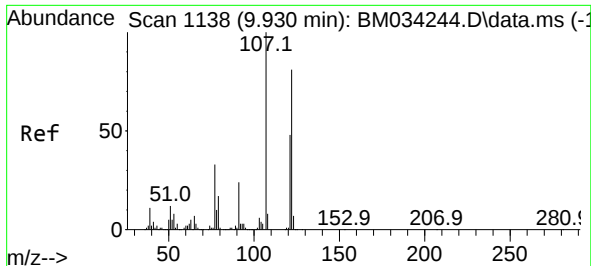
Tgt Ion: 82 Resp: 1110366
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 17.8 14.4 21.6



#26
2-Nitrophenol
Concen: 45.178 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:139 Resp: 288794
Ion Ratio Lower Upper
139 100
109 33.6 28.1 42.1
65 54.4 44.6 67.0

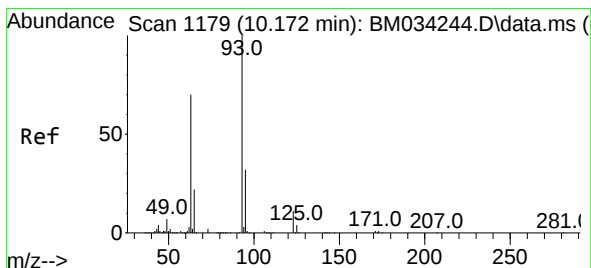
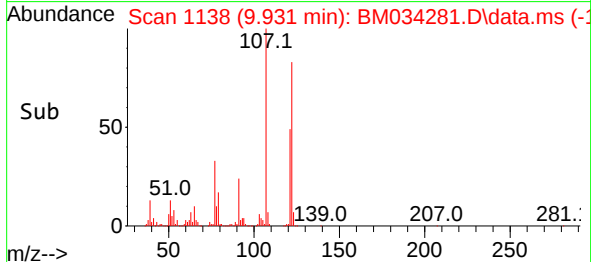
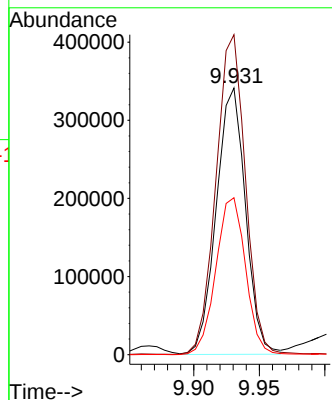
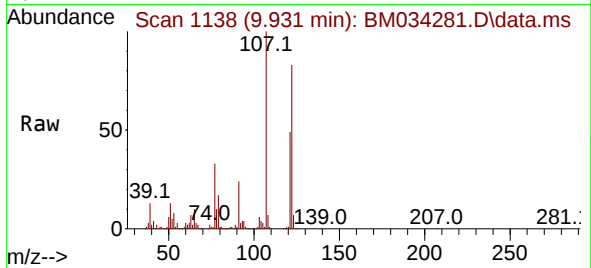




#27
2,4-Dimethylphenol
Concen: 52.831 ng
RT: 9.931 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

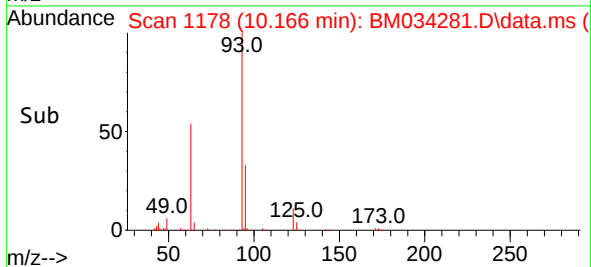
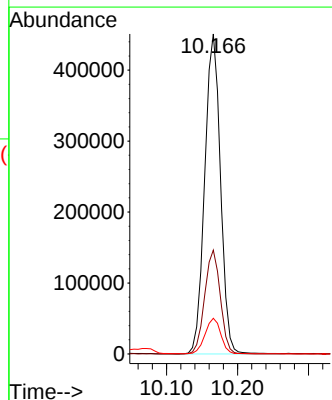
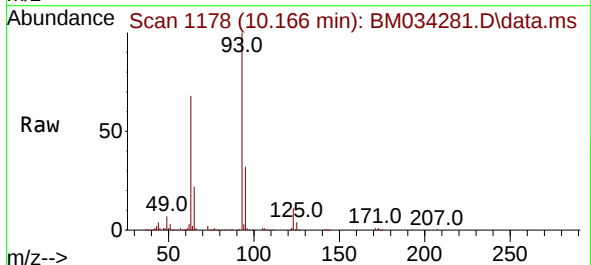
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BNA_M
ClientSampleId :
PB143392BSD

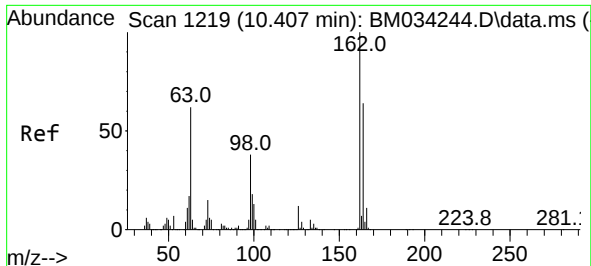
Tgt Ion:122 Resp: 528809
Ion Ratio Lower Upper
122 100
107 120.0 99.0 148.6
121 58.8 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 42.149 ng
RT: 10.166 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion: 93 Resp: 697172
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.014 ng

RT: 10.401 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

Instrument :

BNA_M

ClientSampleId :

PB143392BSD

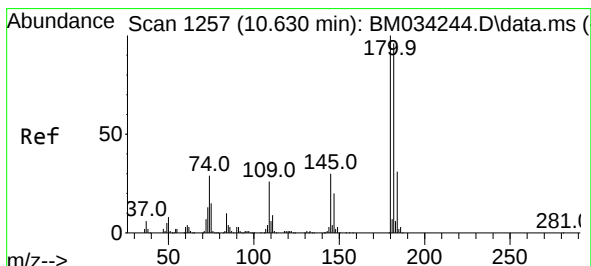
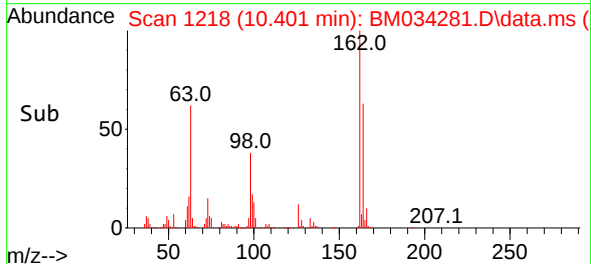
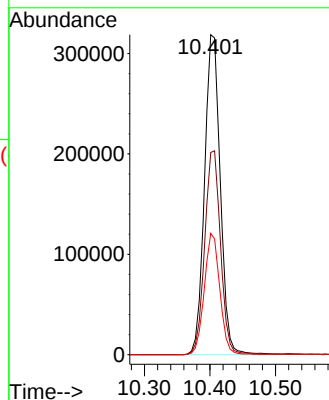
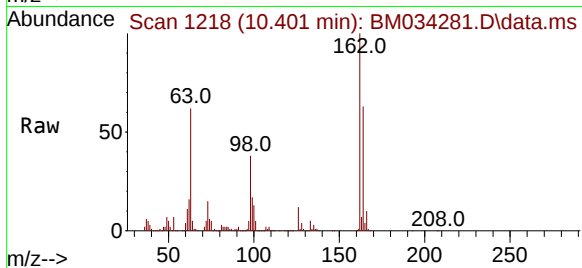
Tgt Ion:162 Resp: 535132

Ion Ratio Lower Upper

162 100

164 63.2 43.9 83.9

98 37.9 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 41.316 ng

RT: 10.625 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

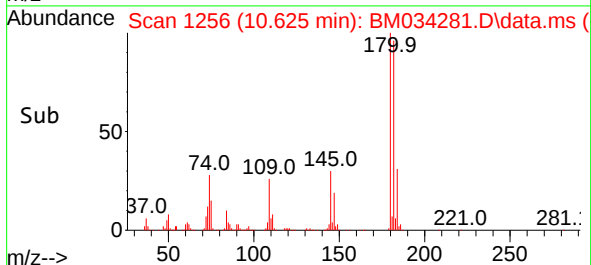
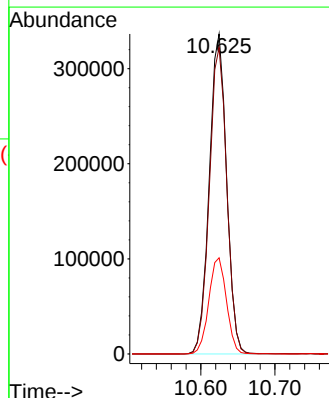
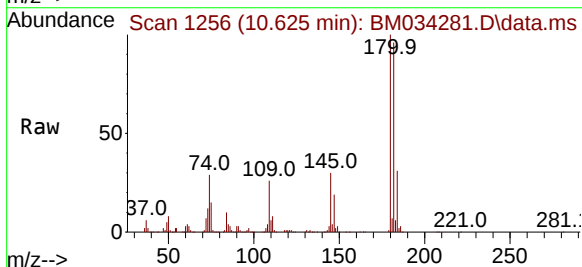
Tgt Ion:180 Resp: 546184

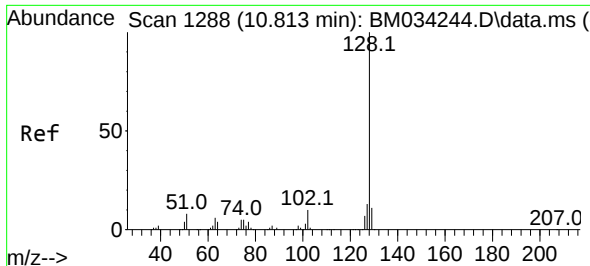
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.4

145 30.1 23.7 35.5

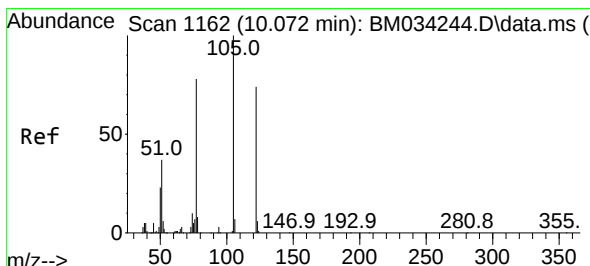
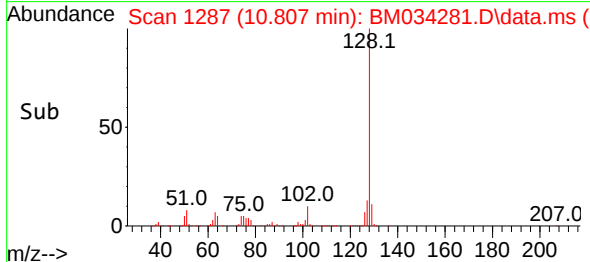
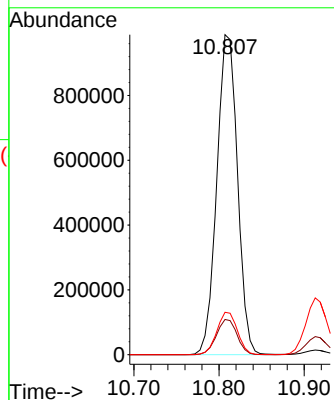
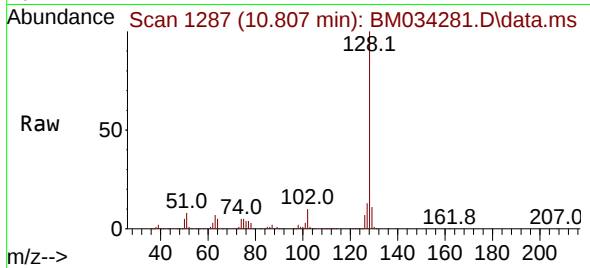




#31
Naphthalene
Concen: 42.605 ng
RT: 10.807 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

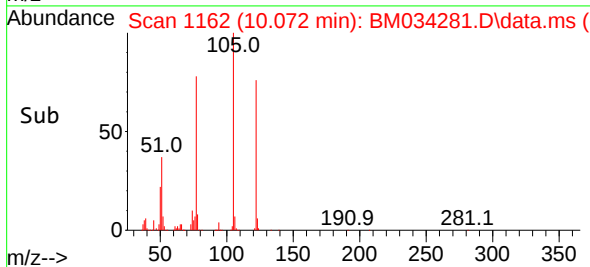
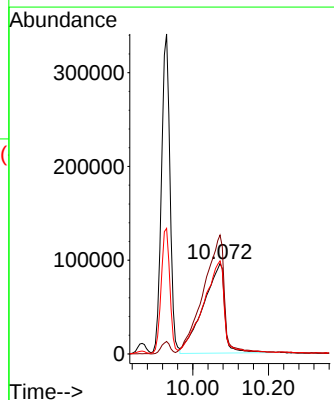
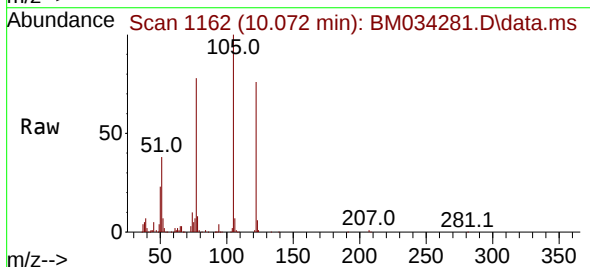
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

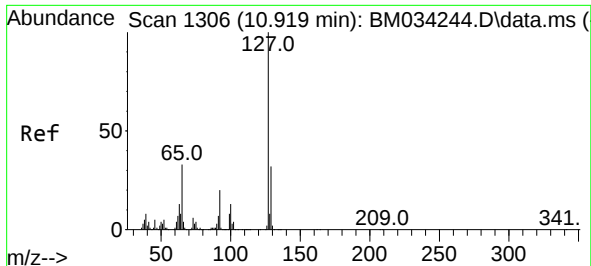
Tgt Ion:128 Resp: 1668460
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.2 15.4



#32
Benzoic acid
Concen: 45.094 ng
RT: 10.072 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:122 Resp: 373253
Ion Ratio Lower Upper
122 100
105 131.4 109.6 149.6
77 103.0 83.1 123.1

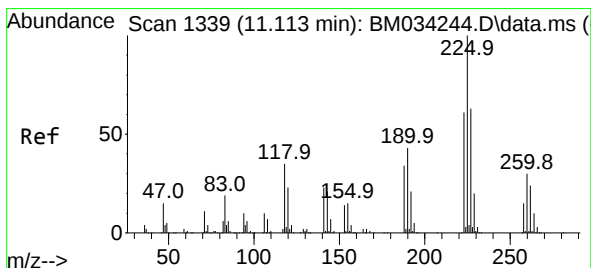
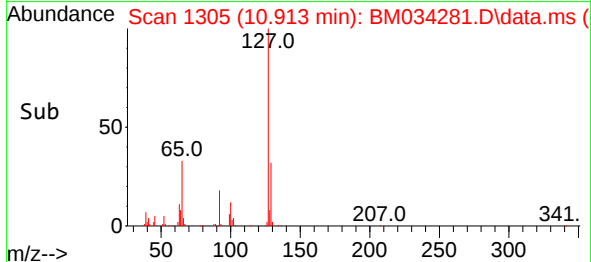
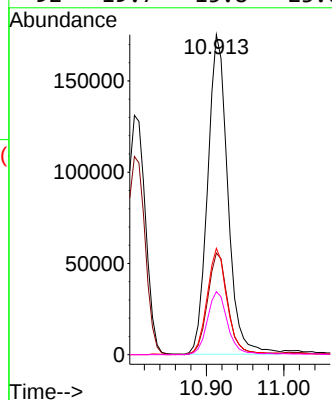
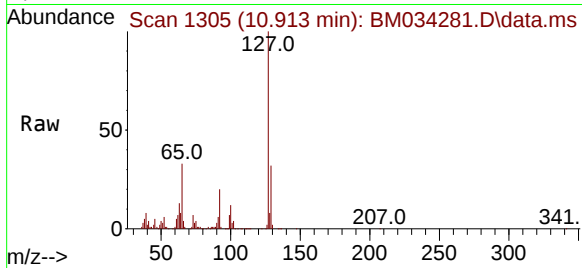




#33
4-Chloroaniline
Concen: 20.464 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

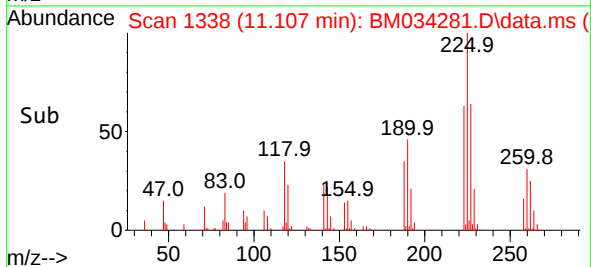
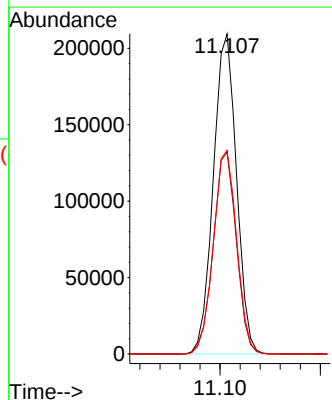
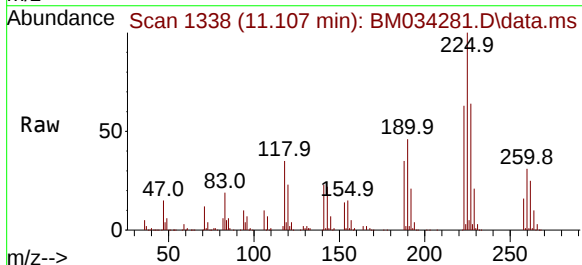
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

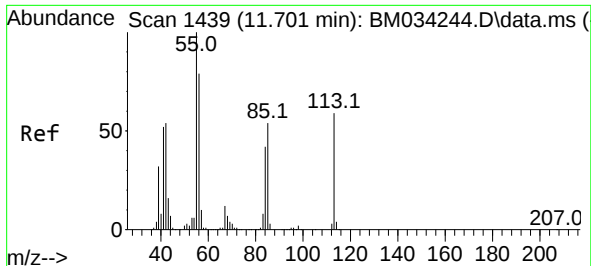
Tgt Ion:127	Resp:	316118
Ion Ratio	Lower	Upper
127	100	
129	31.8	25.4 38.2
65	33.3	26.2 39.2
92	19.7	15.8 23.6



#34
Hexachlorobutadiene
Concen: 40.071 ng
RT: 11.107 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:225	Resp:	335522
Ion Ratio	Lower	Upper
225	100	
223	63.1	49.0 73.4
227	63.6	50.2 75.2

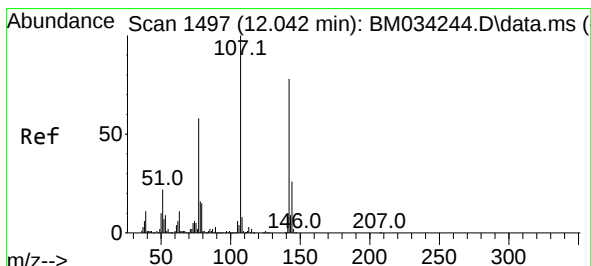
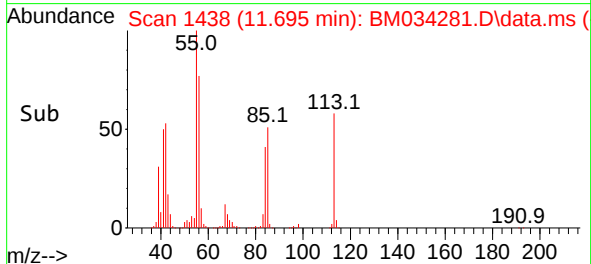
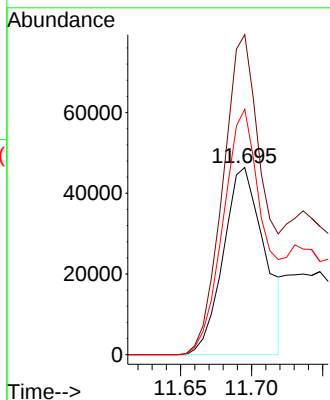
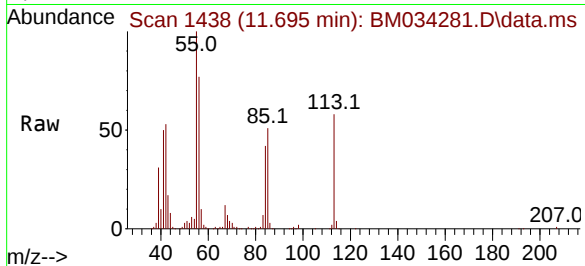




#35
Caprolactam
Concen: 23.182 ng
RT: 11.695 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

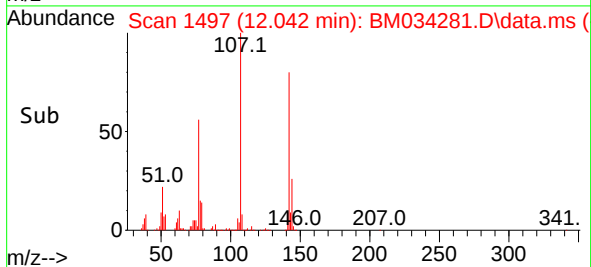
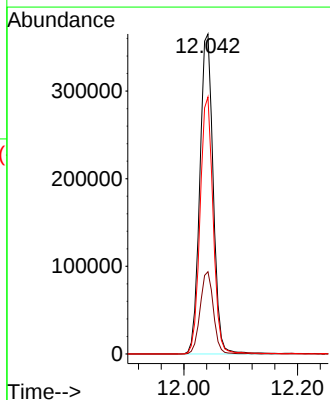
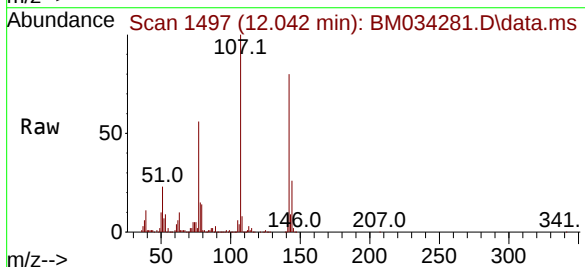
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

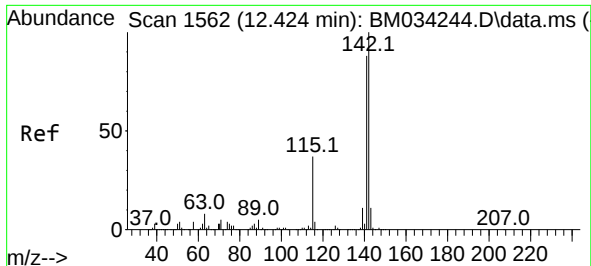
Tgt Ion:113 Resp: 93720
Ion Ratio Lower Upper
113 100
55 171.0 148.9 188.9
56 131.2 113.3 153.3



#36
4-Chloro-3-methylphenol
Concen: 44.761 ng
RT: 12.042 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:107 Resp: 596559
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 80.3 62.7 94.1

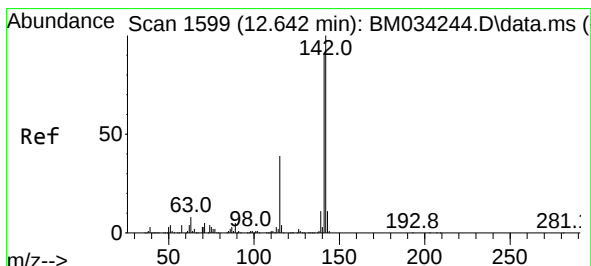
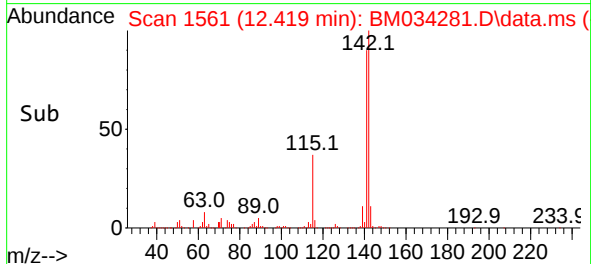
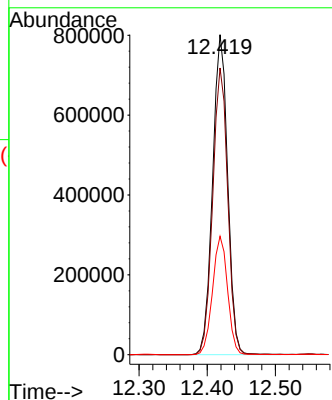
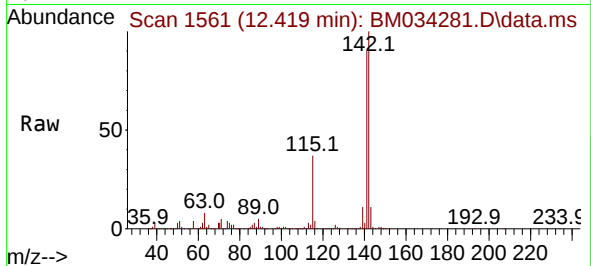




#37
2-Methylnaphthalene
Concen: 44.168 ng
RT: 12.419 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

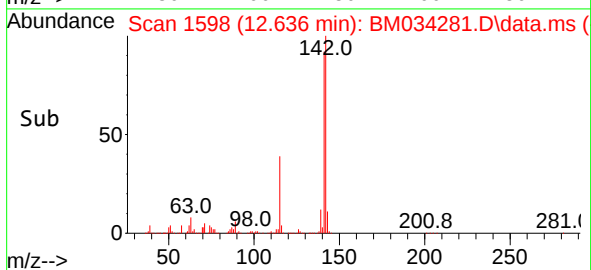
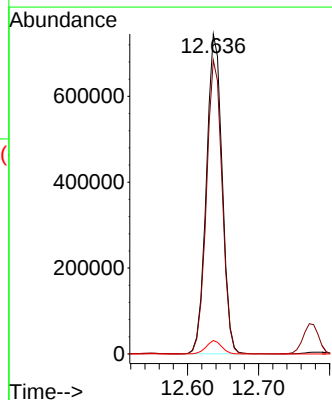
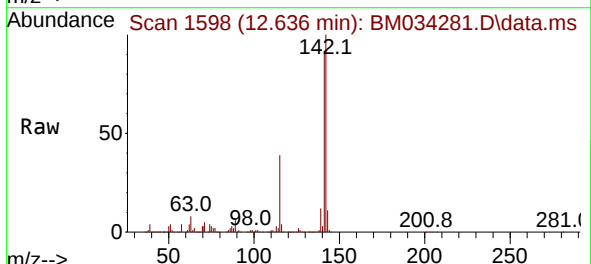
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

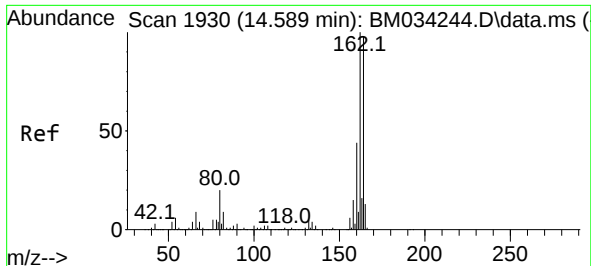
Tgt Ion:142 Resp: 1234204
Ion Ratio Lower Upper
142 100
141 89.6 70.1 105.1
115 37.0 29.9 44.9



#38
1-Methylnaphthalene
Concen: 42.018 ng
RT: 12.636 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:142 Resp: 1148562
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.6
116 4.2 3.2 4.8

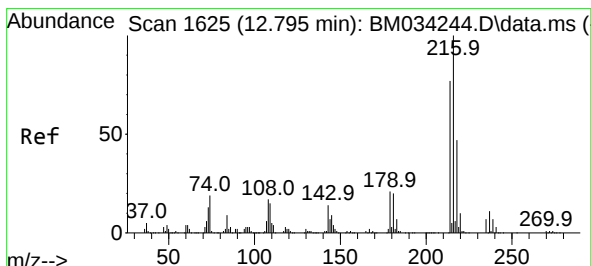
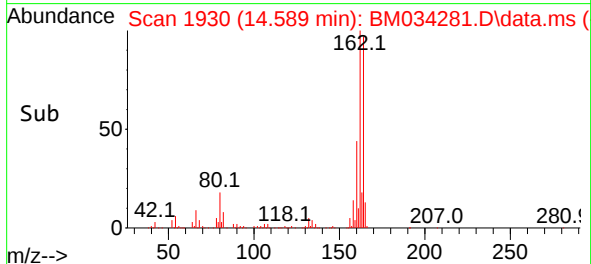
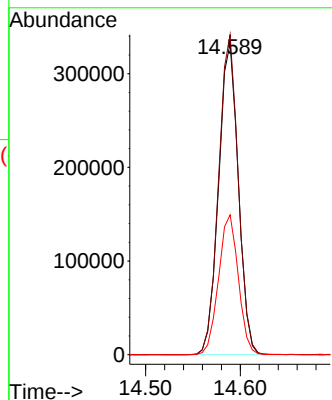
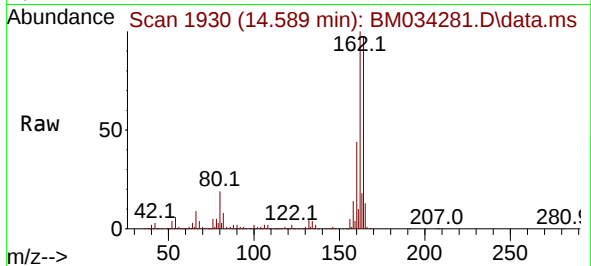




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

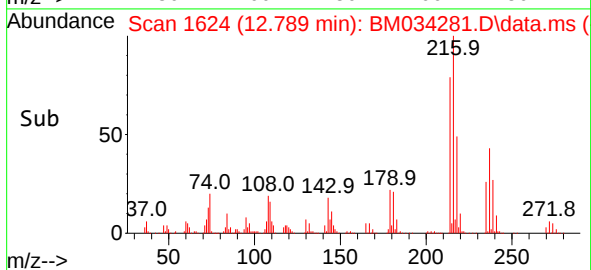
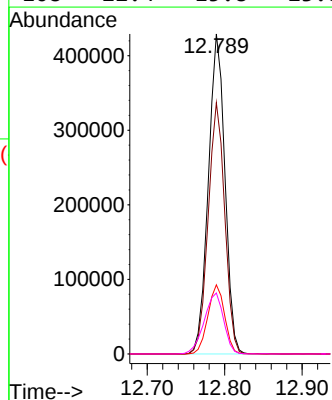
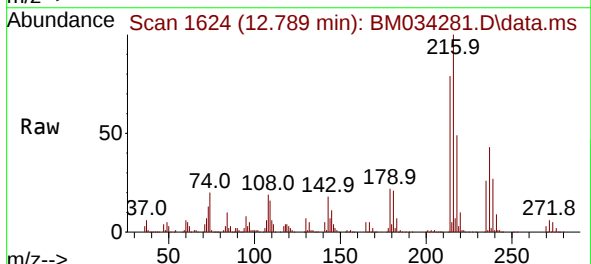
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

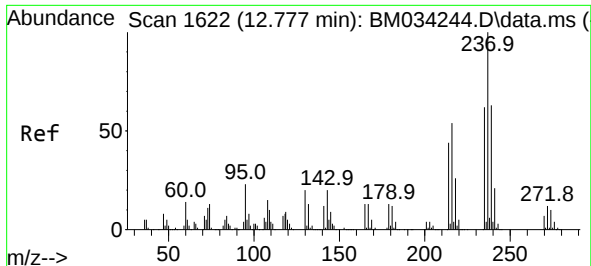
Tgt Ion:164 Resp: 480905
Ion Ratio Lower Upper
164 100
162 102.8 81.6 122.4
160 44.9 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.854 ng
RT: 12.789 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:216 Resp: 636443
Ion Ratio Lower Upper
216 100
214 78.5 62.7 94.1
179 21.8 17.2 25.8
108 22.4 15.8 23.8

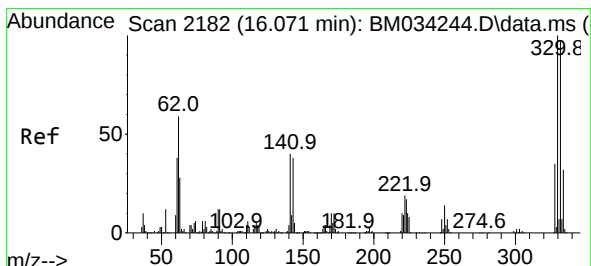
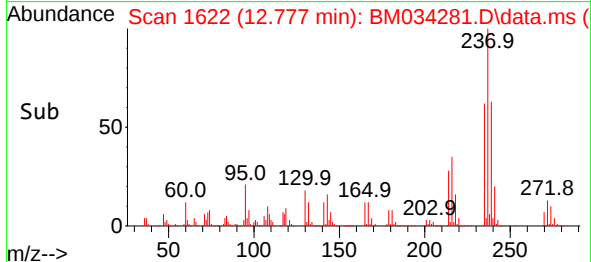
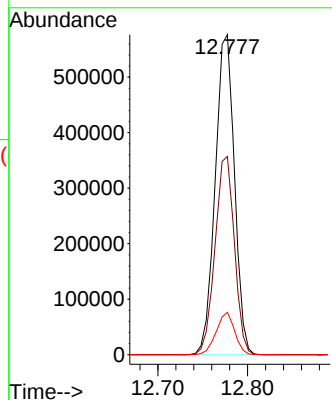
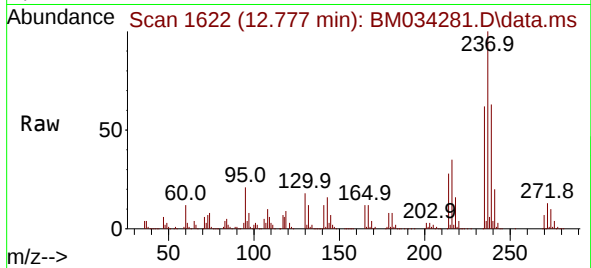




#41
Hexachlorocyclopentadiene
Concen: 102.157 ng
RT: 12.777 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

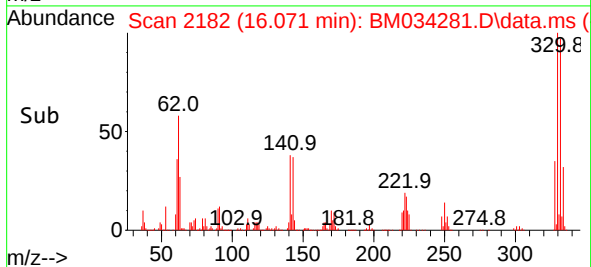
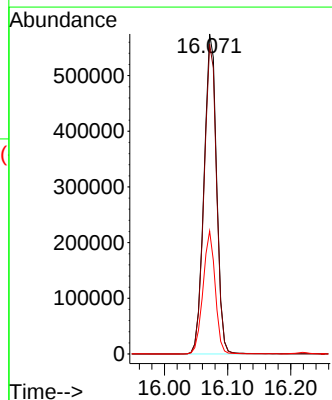
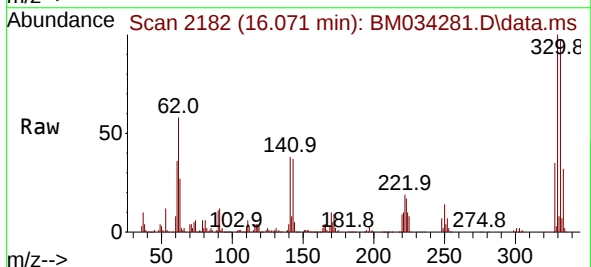
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

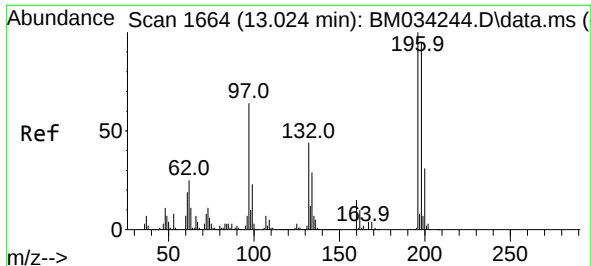
Tgt Ion:237 Resp: 858435
Ion Ratio Lower Upper
237 100
235 62.0 42.1 82.1
272 13.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 122.932 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:330 Resp: 796841
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 37.1 30.6 45.8

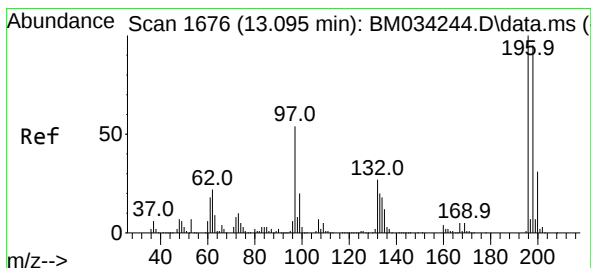
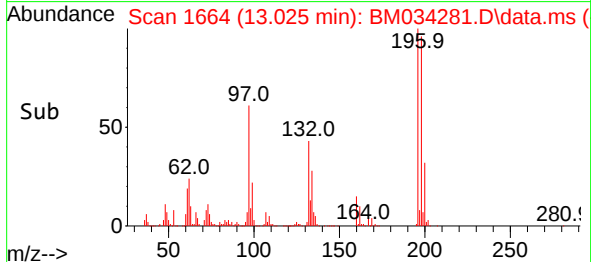
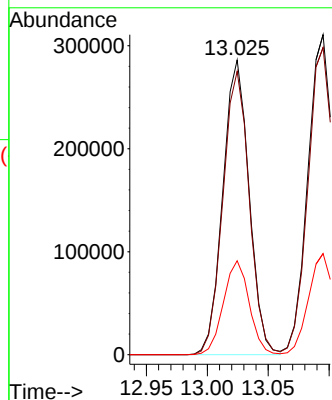
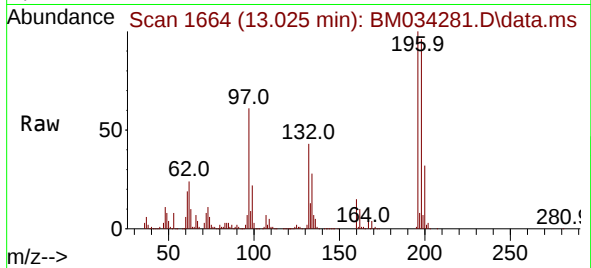




#43
2,4,6-Trichlorophenol
Concen: 42.916 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

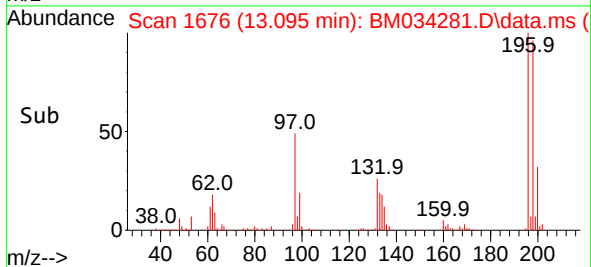
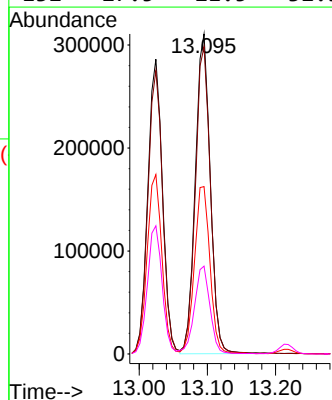
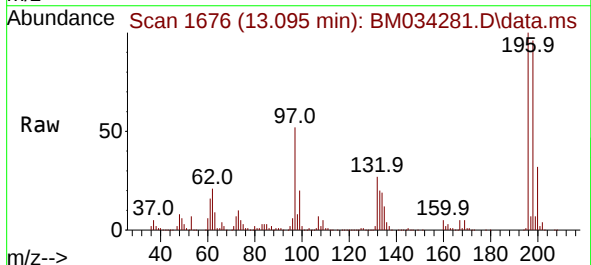
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

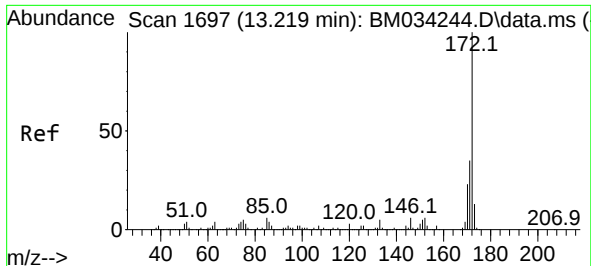
Tgt Ion:196 Resp: 430001
Ion Ratio Lower Upper
196 100
198 96.2 76.1 114.1
200 31.9 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 44.049 ng
RT: 13.095 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:196 Resp: 473727
Ion Ratio Lower Upper
196 100
198 96.0 75.9 113.9
97 52.3 43.2 64.8
132 27.5 21.5 32.3

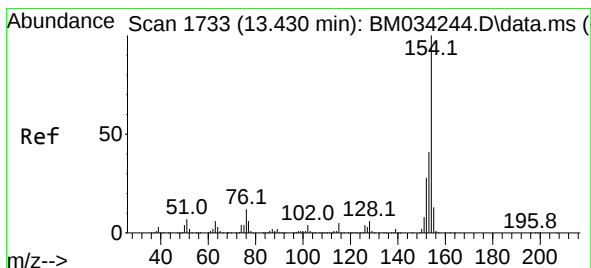
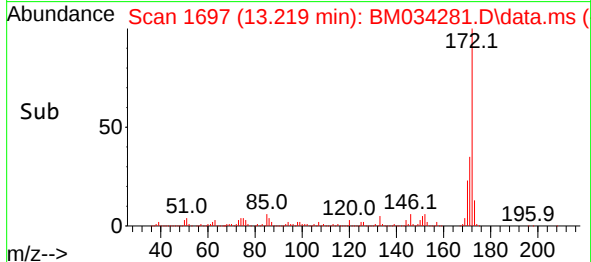
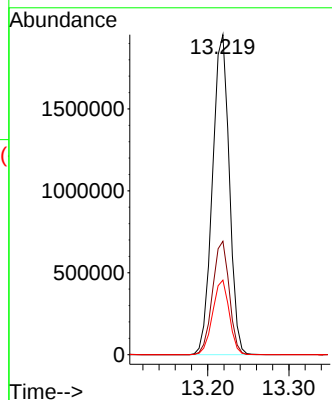
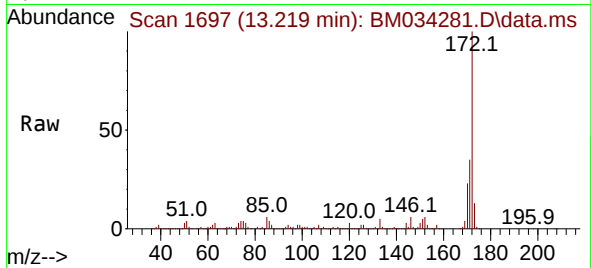




#45
2-Fluorobiphenyl
Concen: 79.867 ng
RT: 13.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

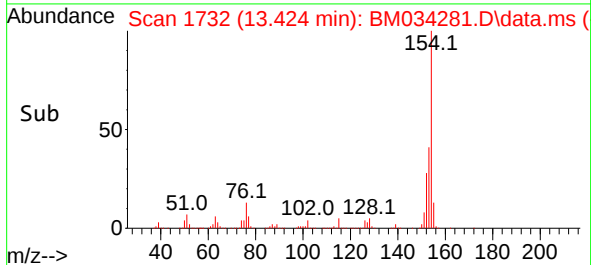
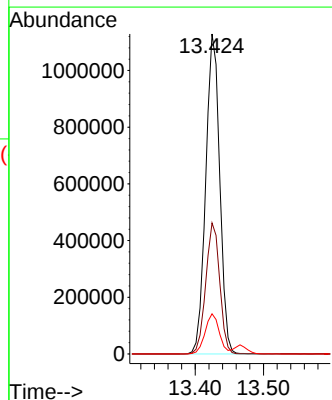
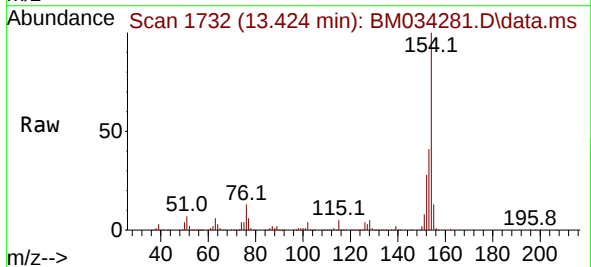
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

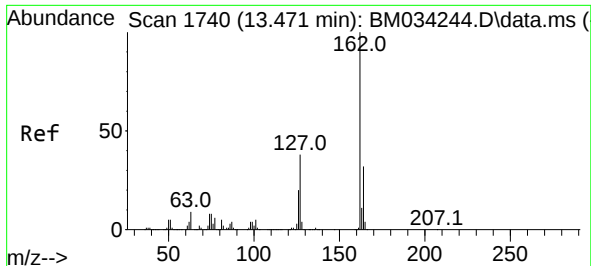
Tgt Ion:172 Resp: 2810741
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 43.941 ng
RT: 13.424 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:154 Resp: 1611253
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 12.5 0.0 32.1

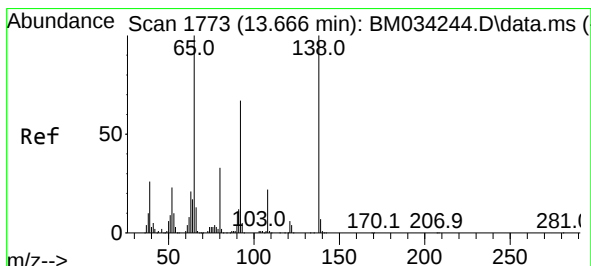
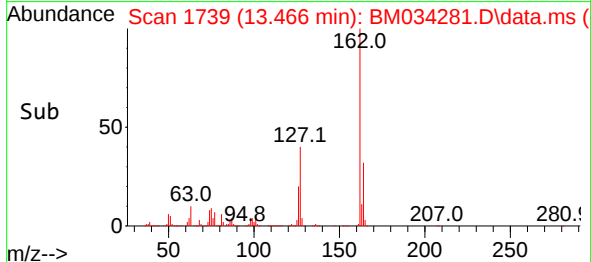
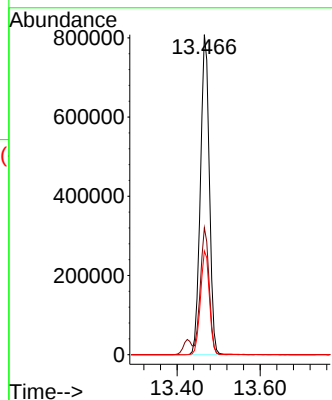
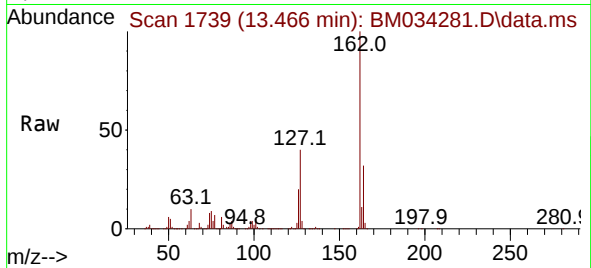




#47
2-Chloronaphthalene
Concen: 42.892 ng
RT: 13.466 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

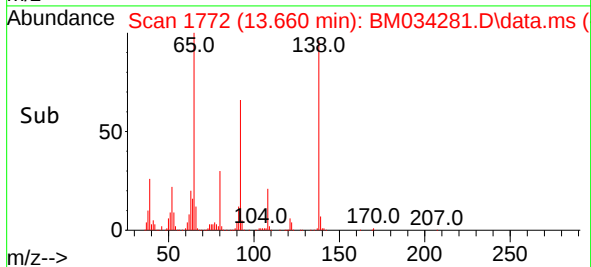
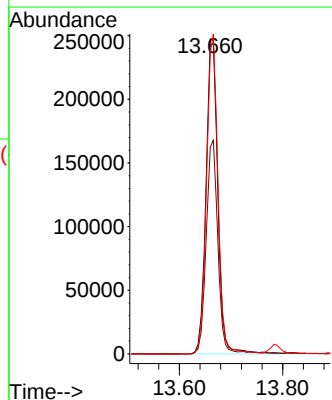
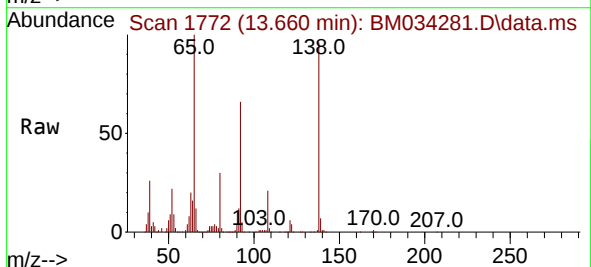
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

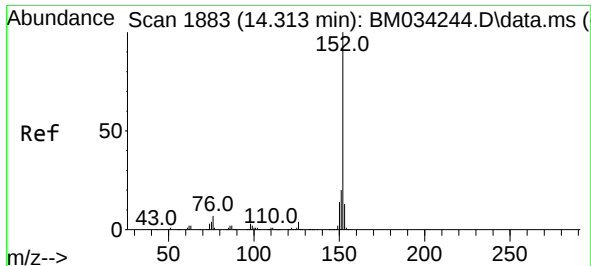
Tgt Ion:162 Resp: 1207237
Ion Ratio Lower Upper
162 100
127 39.7 30.4 45.6
164 32.4 25.8 38.8



#48
2-Nitroaniline
Concen: 45.620 ng
RT: 13.660 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion: 65 Resp: 392553
Ion Ratio Lower Upper
65 100
92 65.6 53.8 80.8
138 95.6 79.9 119.9

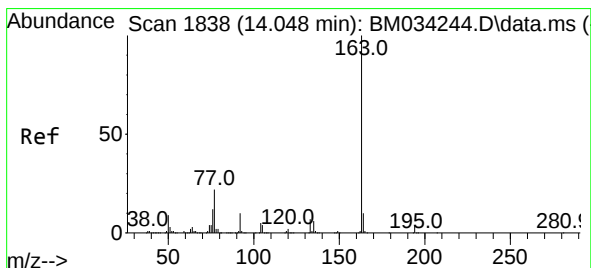
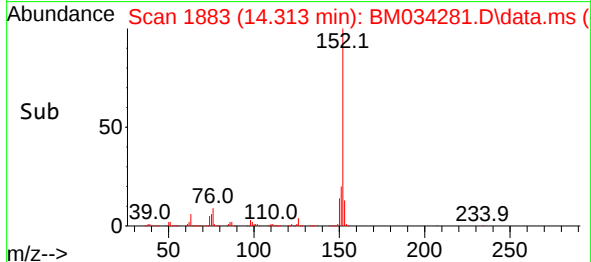
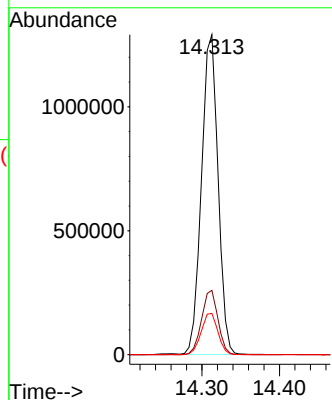
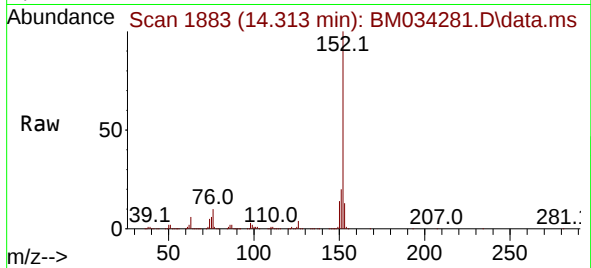




#49
Acenaphthylene
Concen: 43.648 ng
RT: 14.313 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

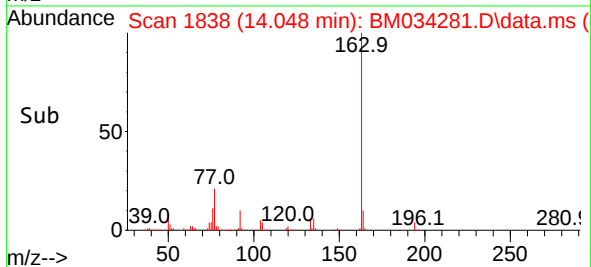
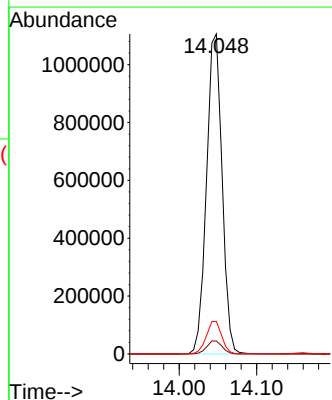
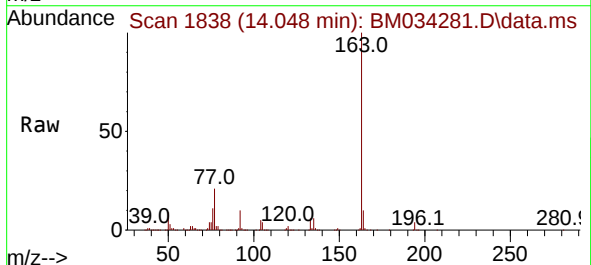
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

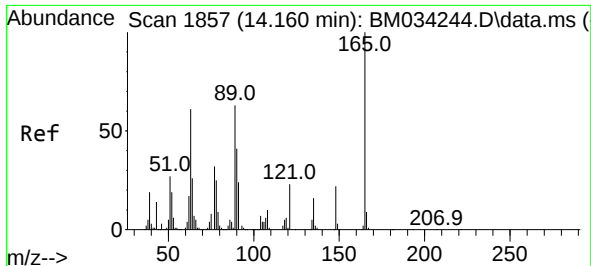
Tgt Ion:152 Resp: 1914800
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.9 10.6 16.0



#50
Dimethylphthalate
Concen: 42.123 ng
RT: 14.048 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:163 Resp: 1541773
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1

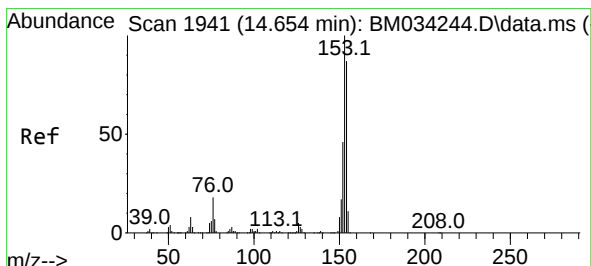
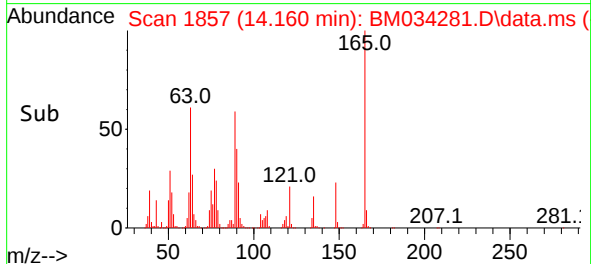
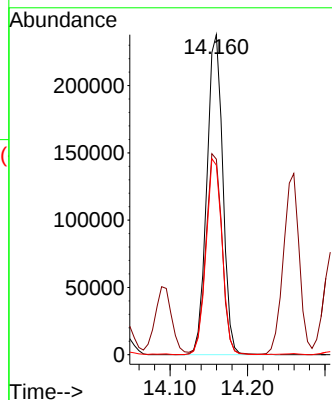
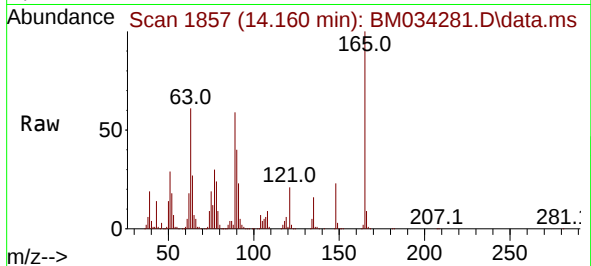




#51
2,6-Dinitrotoluene
Concen: 45.172 ng
RT: 14.160 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

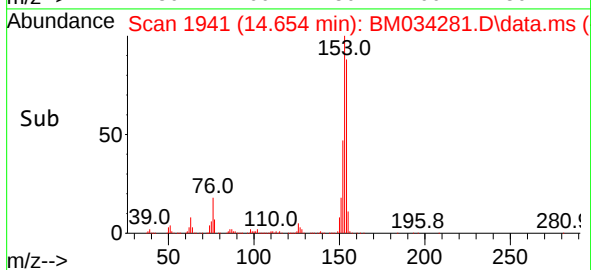
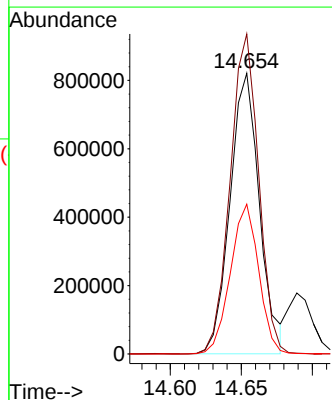
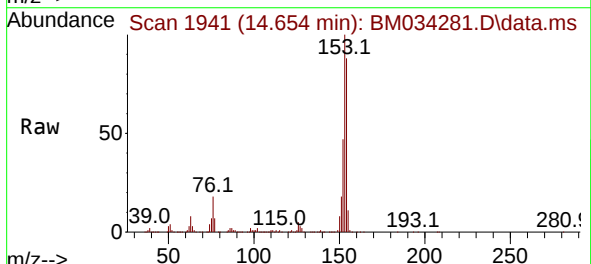
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

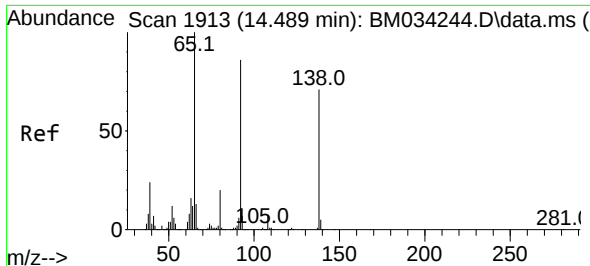
Tgt Ion:165 Resp: 339125
Ion Ratio Lower Upper
165 100
63 61.1 51.9 77.9
89 59.2 50.6 76.0



#52
Acenaphthene
Concen: 40.106 ng
RT: 14.654 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:154 Resp: 1185095
Ion Ratio Lower Upper
154 100
153 114.0 91.8 137.8
152 53.3 42.6 64.0

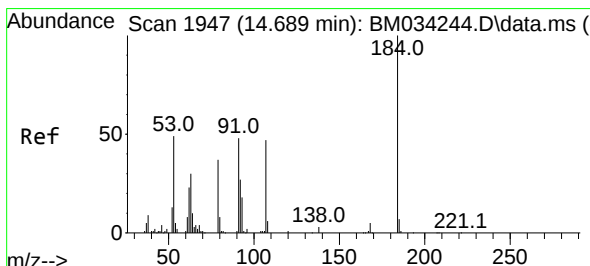
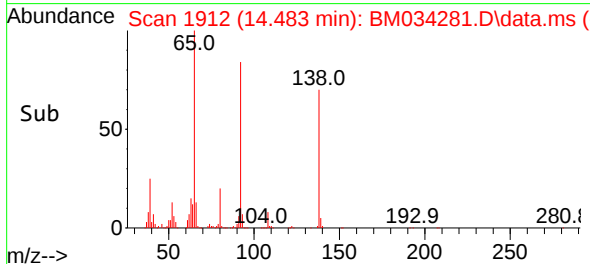
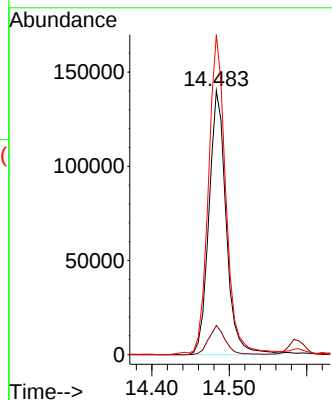
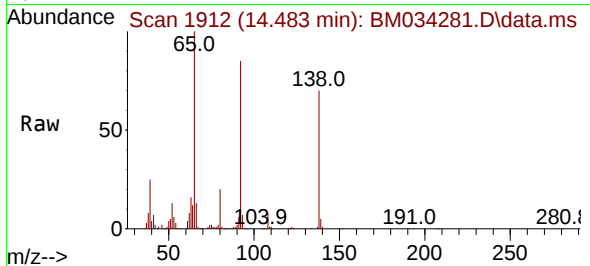




#53
3-Nitroaniline
Concen: 28.793 ng
RT: 14.483 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

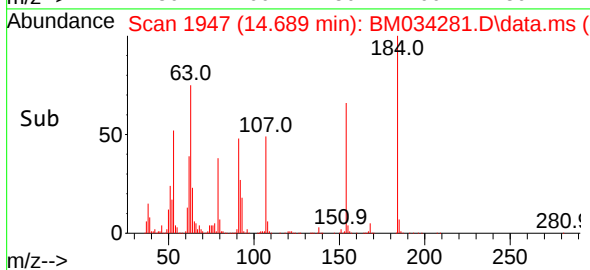
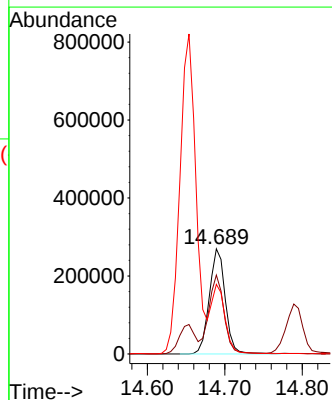
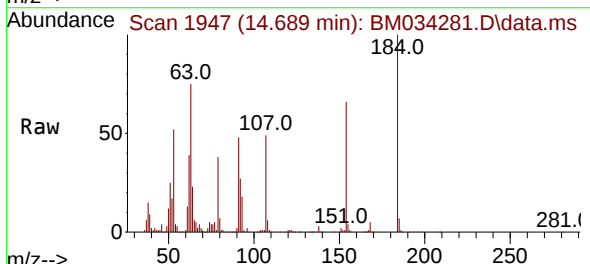
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

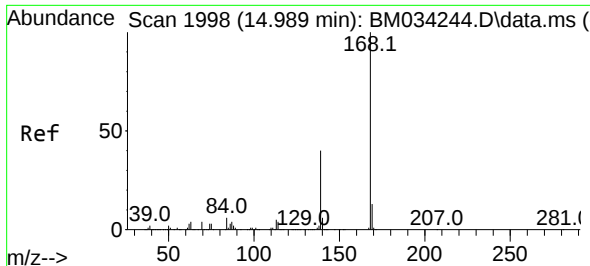
Tgt Ion:138 Resp: 216869
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 121.2 97.6 146.4



#54
2,4-Dinitrophenol
Concen: 91.978 ng
RT: 14.689 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:184 Resp: 386881
Ion Ratio Lower Upper
184 100
63 75.0 58.3 87.5
154 66.1 52.6 78.8

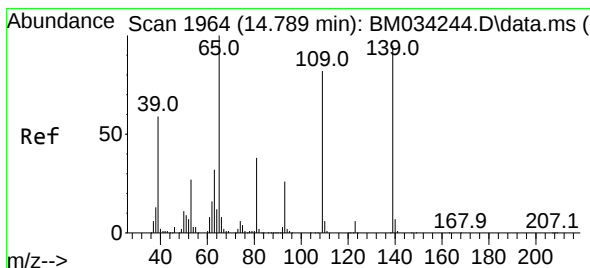
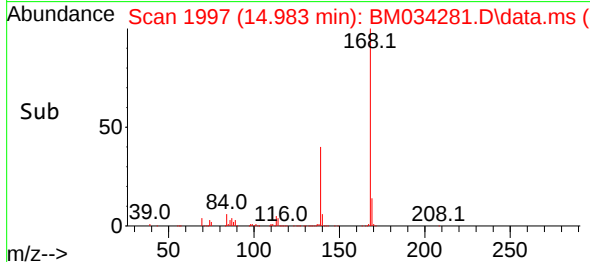
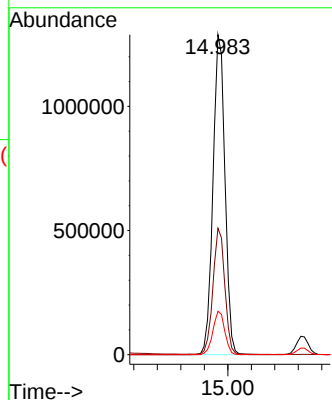
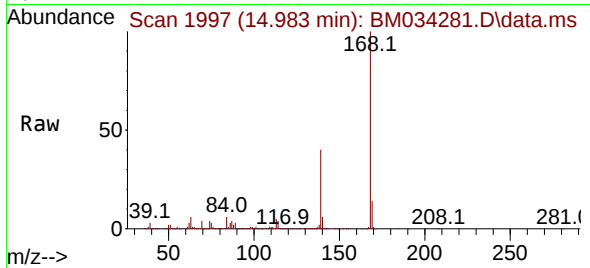




#55
Dibenzofuran
Concen: 41.277 ng
RT: 14.983 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

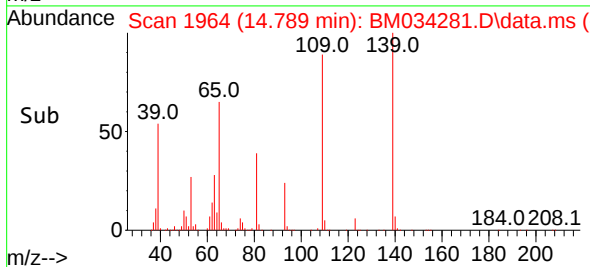
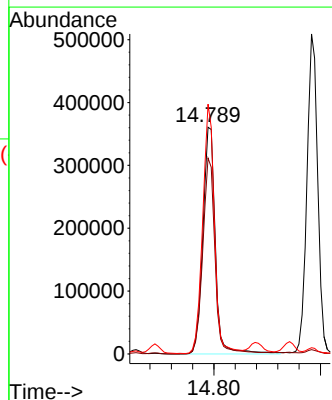
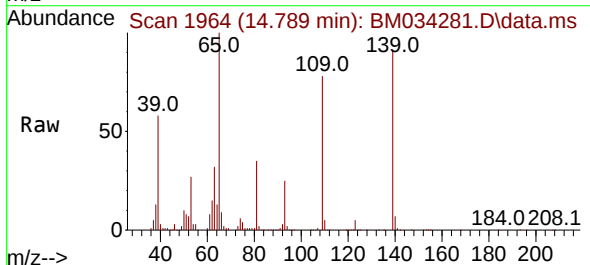
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

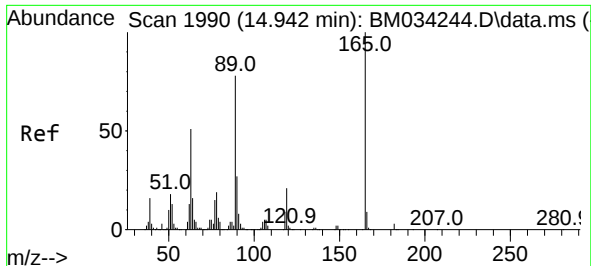
Tgt Ion:168 Resp: 1817662
Ion Ratio Lower Upper
168 100
139 39.5 32.4 48.6
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 95.856 ng
RT: 14.789 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:139 Resp: 585307
Ion Ratio Lower Upper
139 100
109 86.4 66.3 106.3
65 110.1 85.5 125.5





#57

2,4-Dinitrotoluene

Concen: 46.349 ng

RT: 14.942 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

Instrument :

BNA_M

ClientSampleId :

PB143392BSD

Tgt Ion:165 Resp: 470349

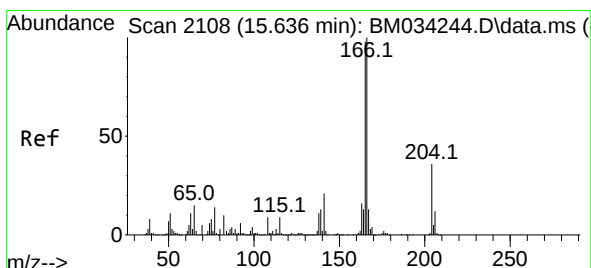
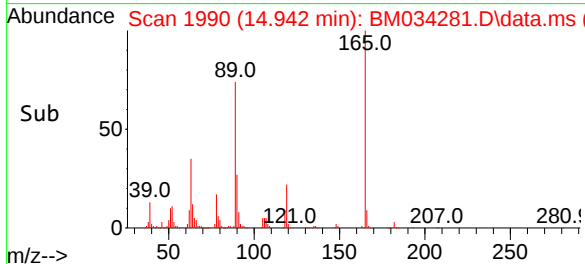
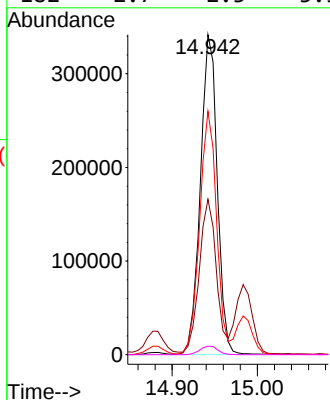
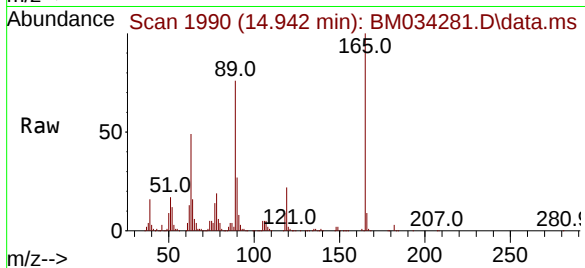
Ion Ratio Lower Upper

165 100

63 48.6 40.6 61.0

89 76.0 62.7 94.1

182 2.7 2.3 3.5



#58

Fluorene

Concen: 42.841 ng

RT: 15.630 min Scan# 2107

Delta R.T. -0.006 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

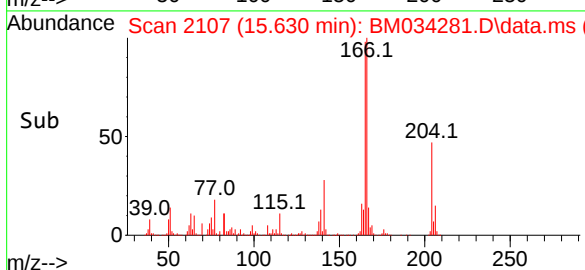
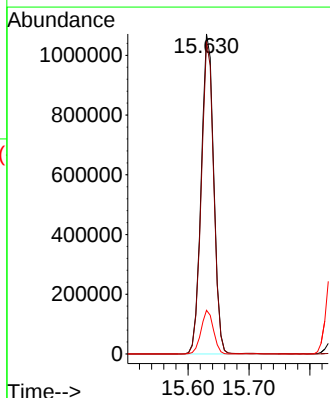
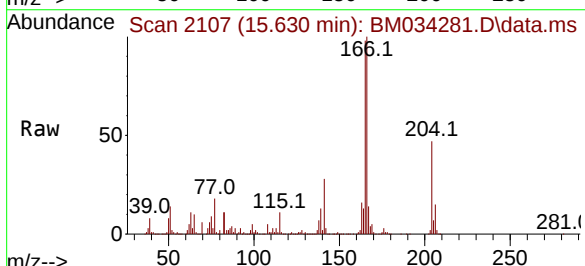
Tgt Ion:166 Resp: 1531520

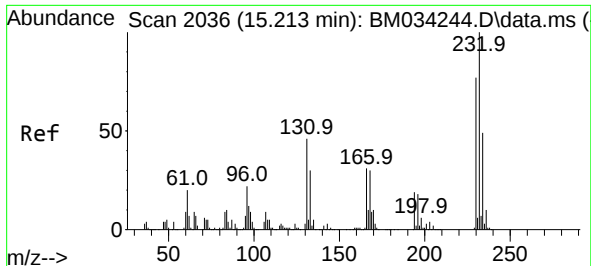
Ion Ratio Lower Upper

166 100

165 97.6 78.0 117.0

167 13.7 10.5 15.7

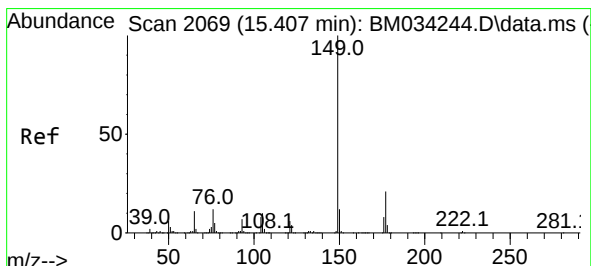
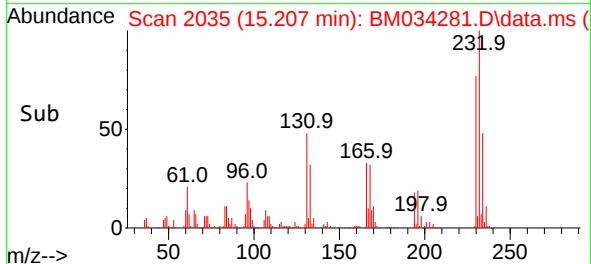
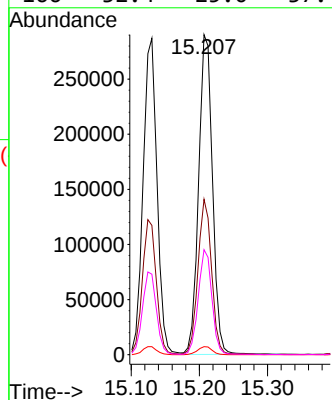
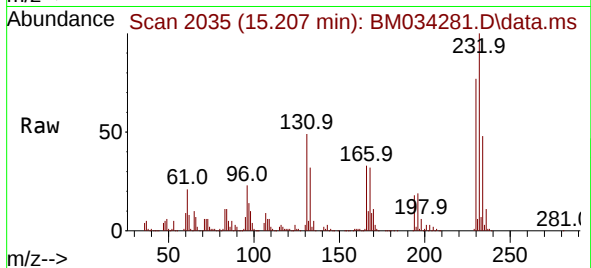




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.288 ng
RT: 15.207 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

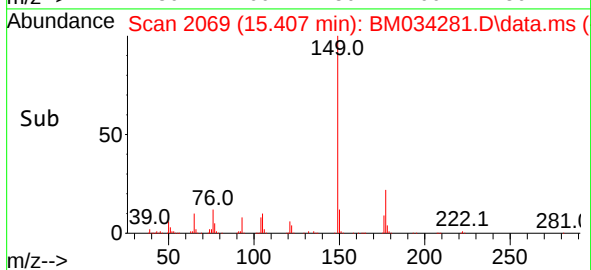
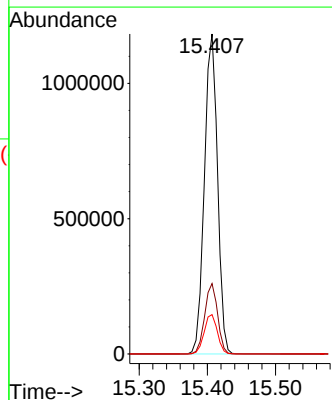
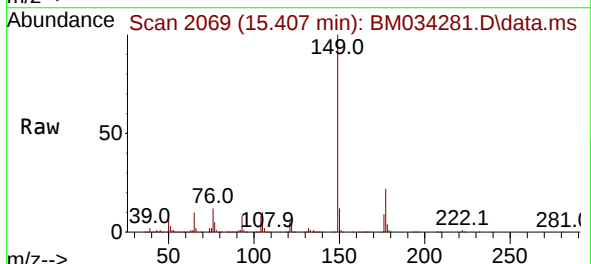
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

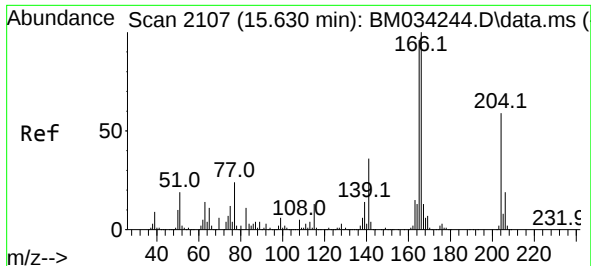
Tgt Ion:232 Resp: 410110
Ion Ratio Lower Upper
232 100
131 47.9 38.0 57.0
130 2.6 2.2 3.2
166 32.4 25.0 37.4



#60
Diethylphthalate
Concen: 42.104 ng
RT: 15.407 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:149 Resp: 1581073
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.3 9.9 14.9

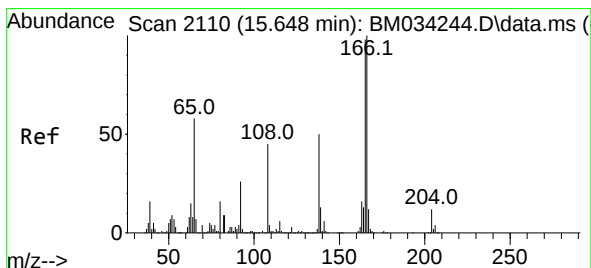
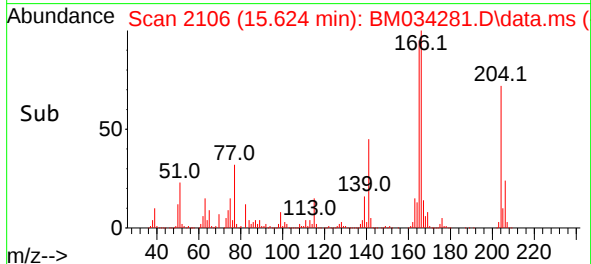
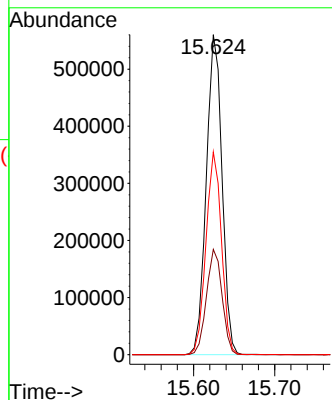
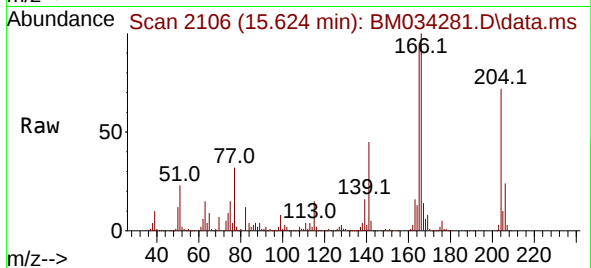




#61
4-Chlorophenyl-phenylether
Concen: 41.216 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

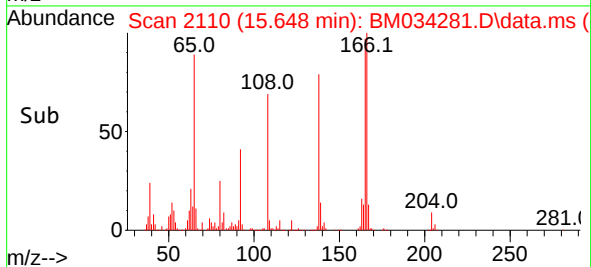
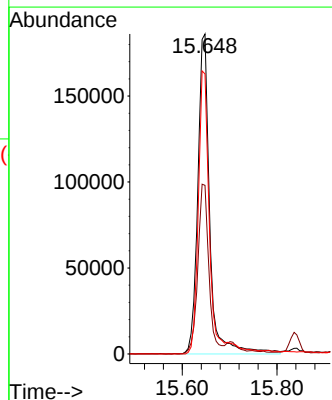
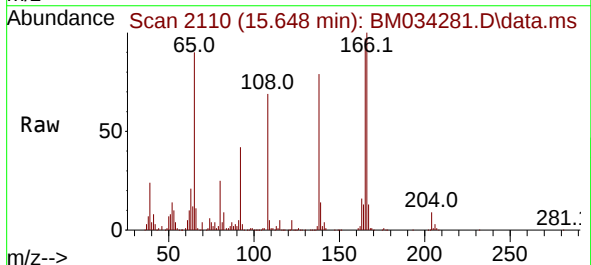
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

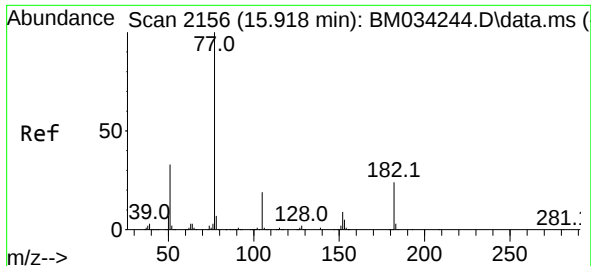
Tgt Ion:204 Resp: 752253
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 63.3 49.4 74.2



#62
4-Nitroaniline
Concen: 45.239 ng
RT: 15.648 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:138 Resp: 327789
Ion Ratio Lower Upper
138 100
92 52.7 32.6 72.6
108 87.5 69.8 109.8

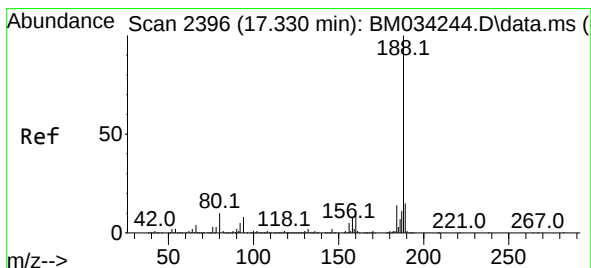
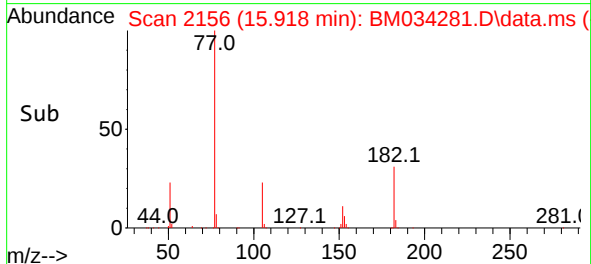
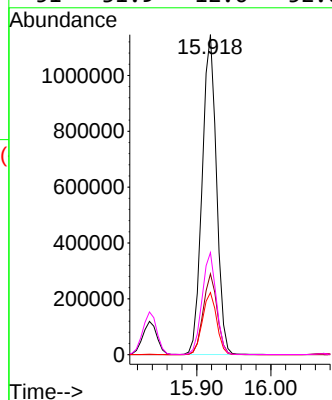
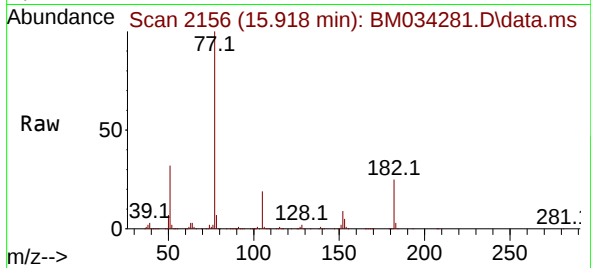




#63
Azobenzene
Concen: 42.290 ng
RT: 15.918 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

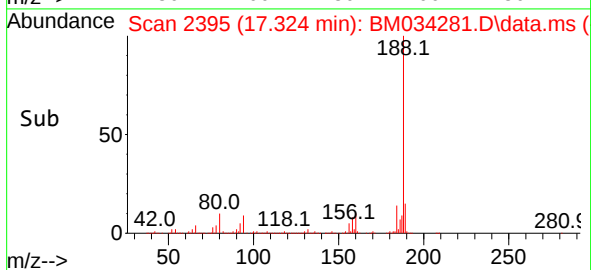
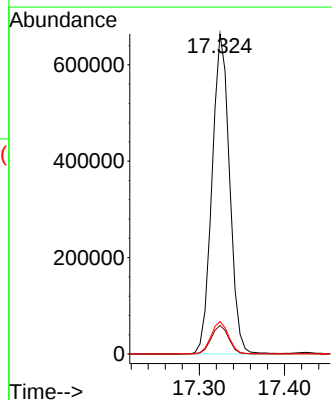
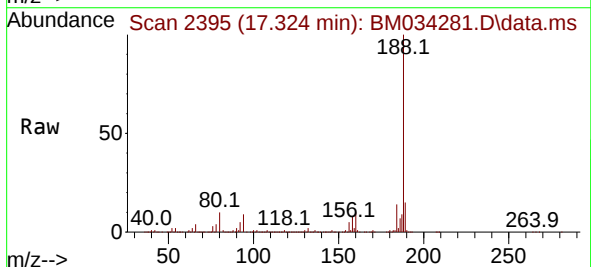
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

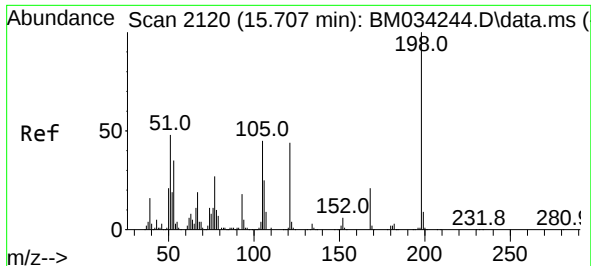
Tgt Ion: 77 Resp: 1531349
Ion Ratio Lower Upper
77 100
182 25.3 4.4 44.4
105 19.4 0.0 38.7
51 31.9 12.6 52.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:188 Resp: 949156
Ion Ratio Lower Upper
188 100
94 8.9 6.6 9.8
80 10.2 7.8 11.8

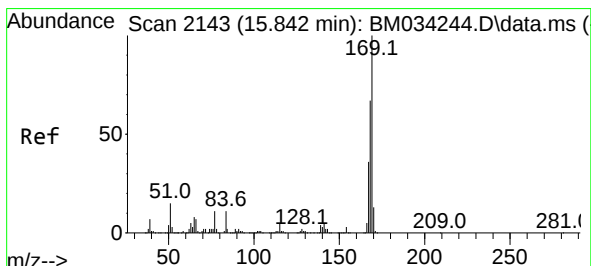
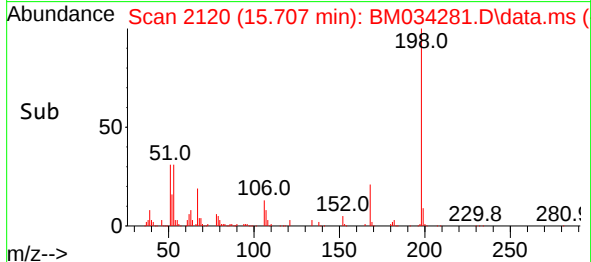
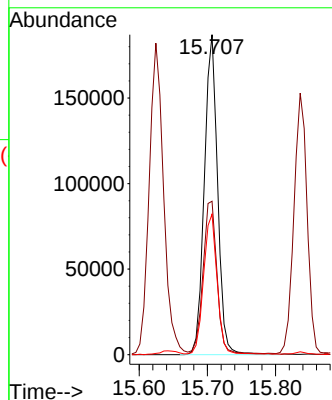
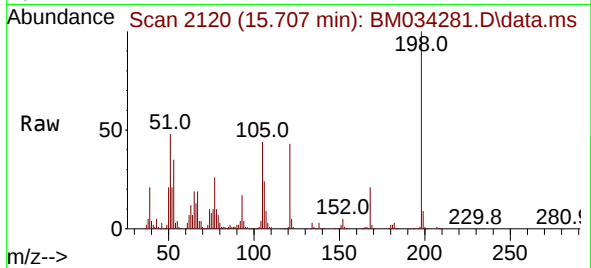




#65
4,6-Dinitro-2-methylphenol
Concen: 41.048 ng
RT: 15.707 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

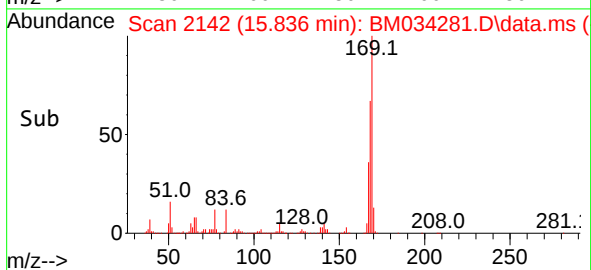
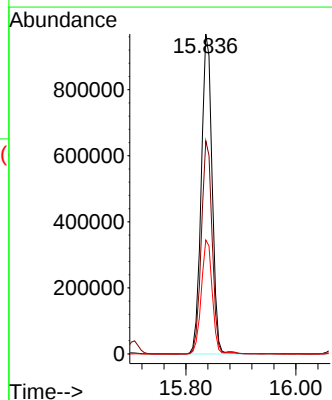
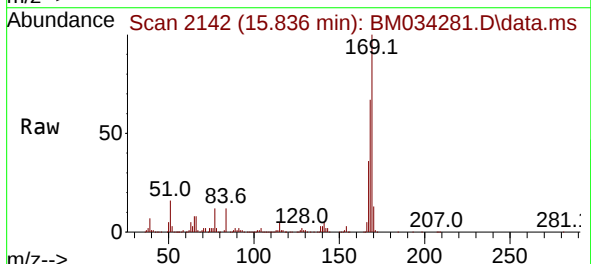
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

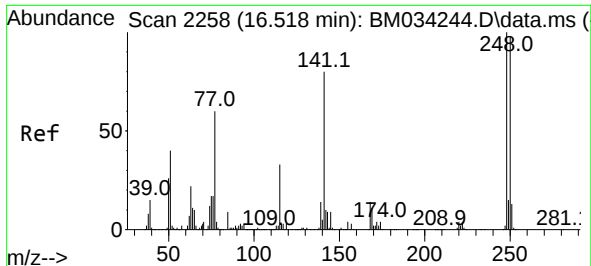
Tgt Ion:198 Resp: 253342
Ion Ratio Lower Upper
198 100
51 47.9 29.0 69.0
105 43.9 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 43.945 ng
RT: 15.836 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:169 Resp: 1325137
Ion Ratio Lower Upper
169 100
168 66.6 53.9 80.9
167 35.6 29.0 43.4

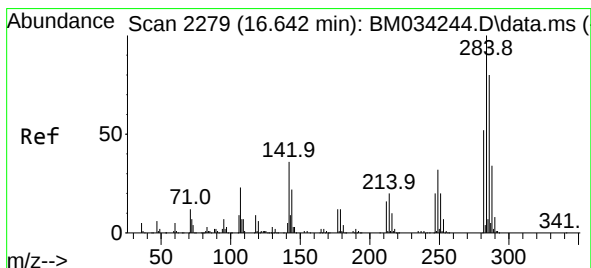
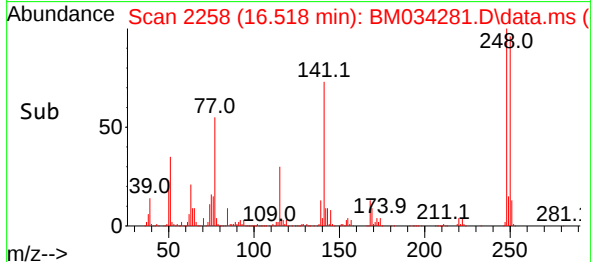
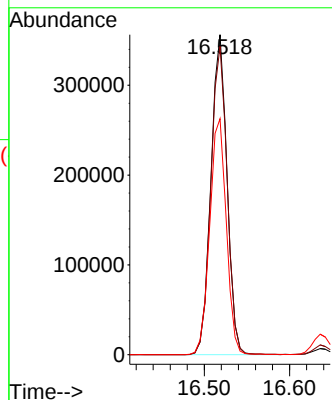
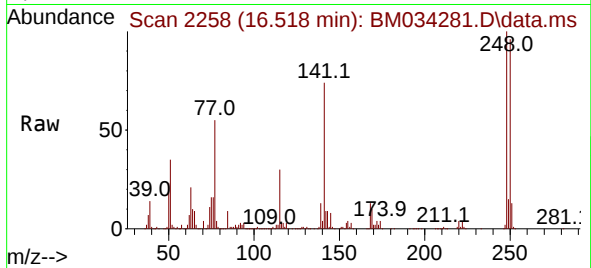




#67
4-Bromophenyl-phenylether
Concen: 42.807 ng
RT: 16.518 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

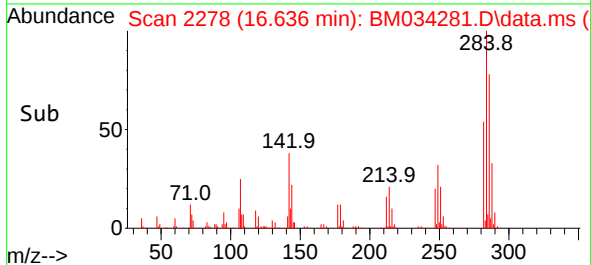
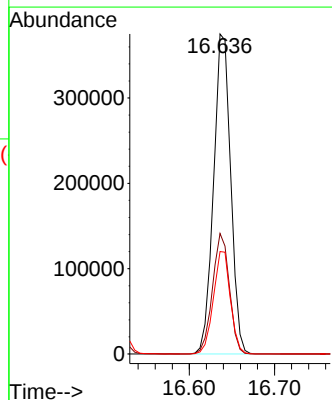
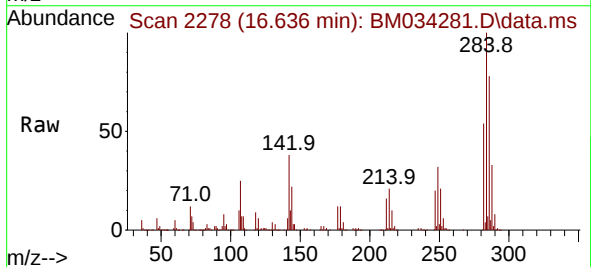
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

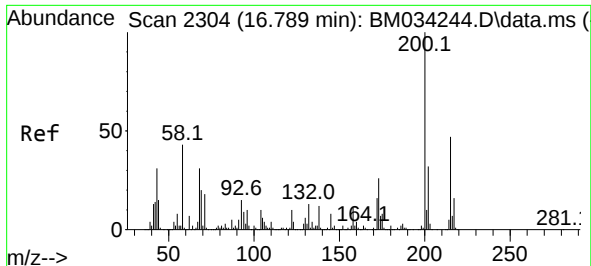
Tgt Ion:248 Resp: 467079
Ion Ratio Lower Upper
248 100
250 96.4 78.0 117.0
141 73.8 63.8 95.6



#68
Hexachlorobenzene
Concen: 43.161 ng
RT: 16.636 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:284 Resp: 525271
Ion Ratio Lower Upper
284 100
142 37.7 28.9 43.3
249 32.0 25.4 38.0

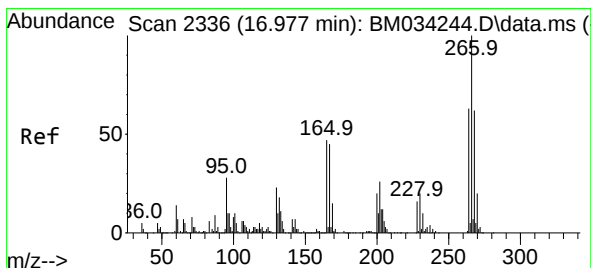
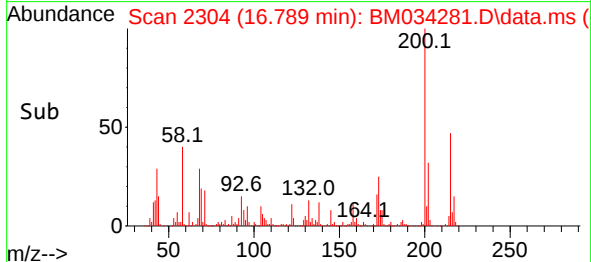
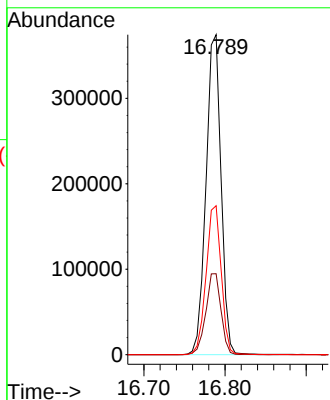
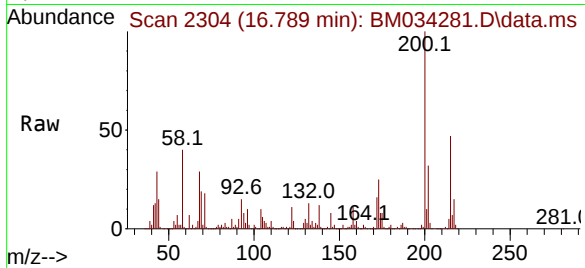




#69
 Atrazine
 Concen: 48.442 ng
 RT: 16.789 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

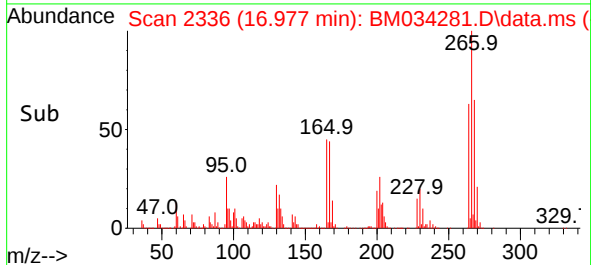
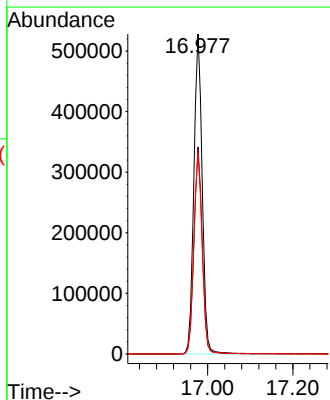
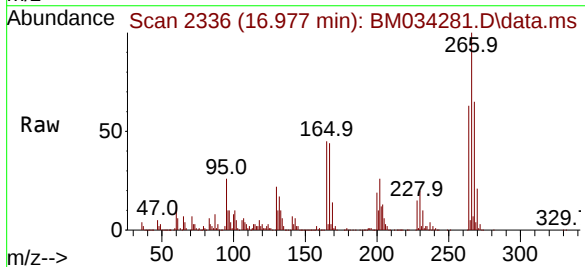
Instrument :
 BNA_M
 ClientSampleId :
 PB143392BSD

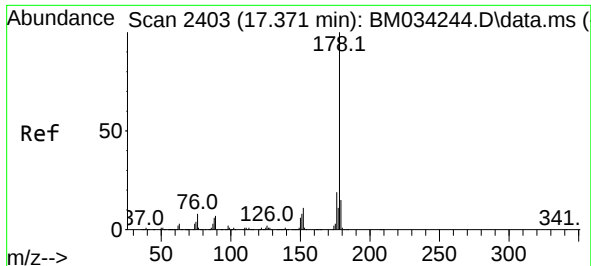
Tgt Ion:200 Resp: 481478
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.1 46.1
 215 46.5 27.4 67.4



#70
 Pentachlorophenol
 Concen: 92.640 ng
 RT: 16.977 min Scan# 2336
 Delta R.T. 0.000 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

Tgt Ion:266 Resp: 720990
 Ion Ratio Lower Upper
 266 100
 268 64.7 49.8 74.8
 264 62.9 50.3 75.5

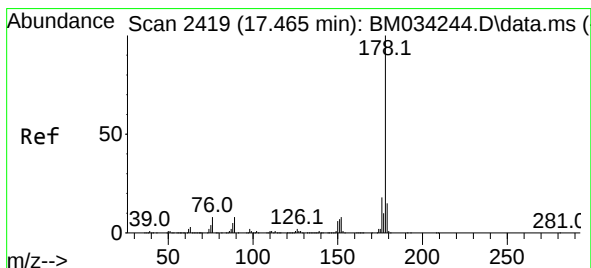
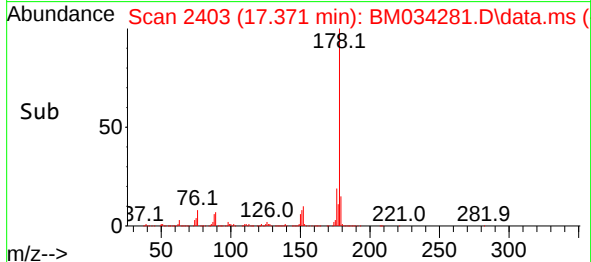
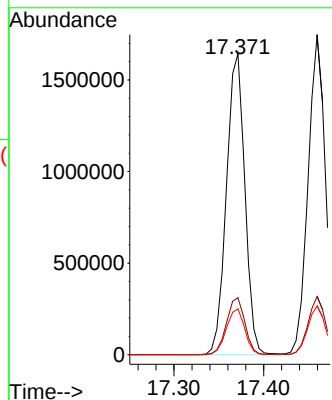
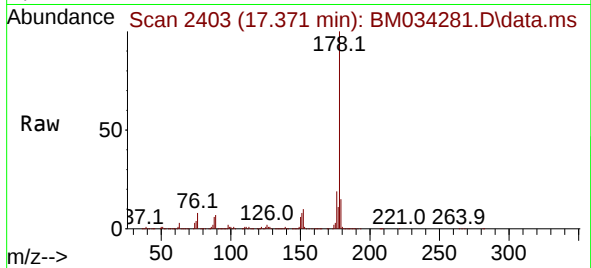




#71
Phenanthrene
Concen: 44.086 ng
RT: 17.371 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

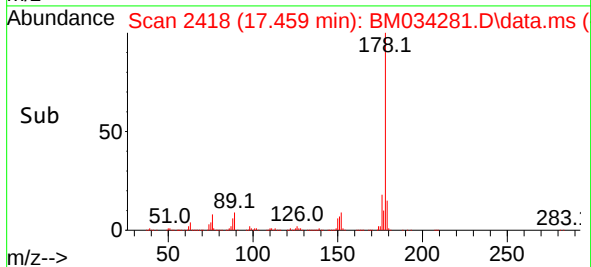
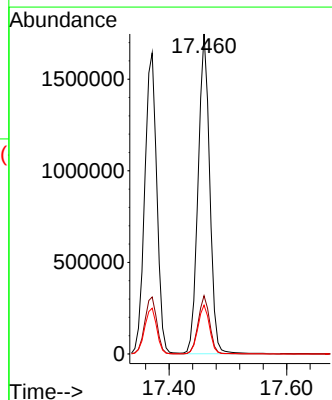
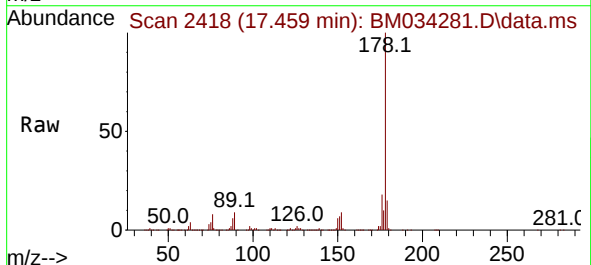
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

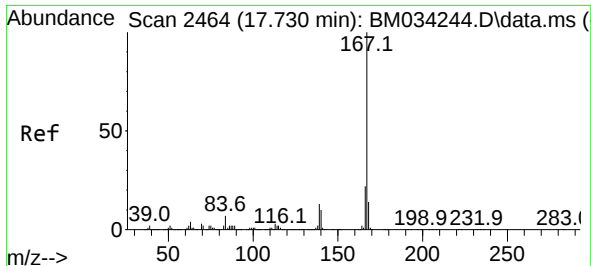
Tgt Ion:178 Resp: 2343364
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.2 18.4



#72
Anthracene
Concen: 46.078 ng
RT: 17.459 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:178 Resp: 2383951
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.2 12.2 18.2

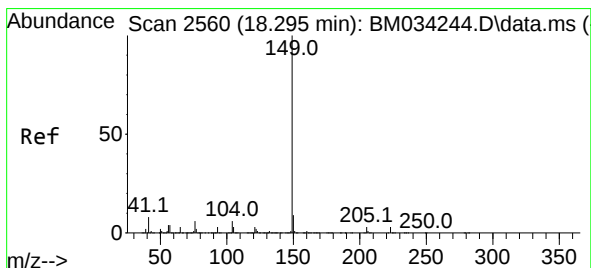
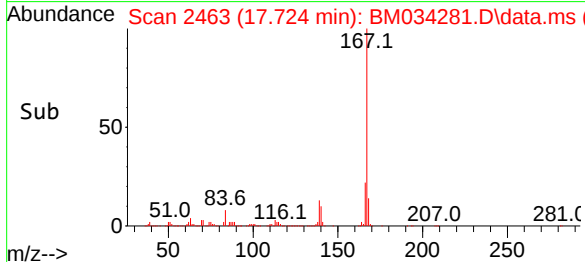
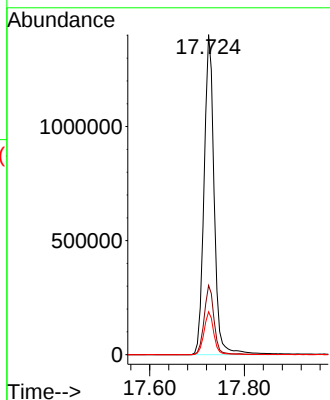
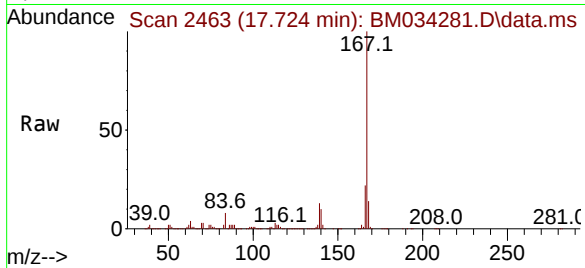




#73
 Carbazole
 Concen: 43.200 ng
 RT: 17.724 min Scan# 2464
 Delta R.T. -0.006 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

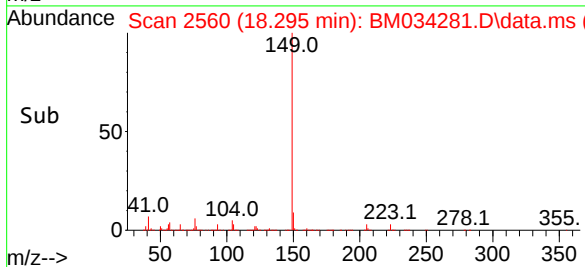
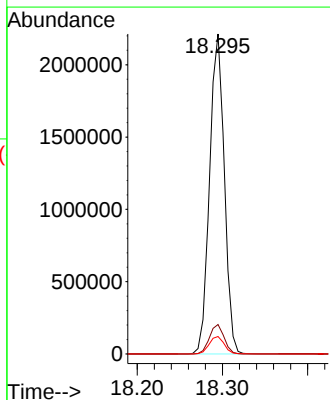
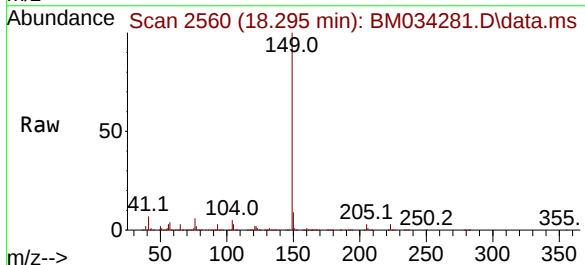
Instrument :
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 ClientSampleId :
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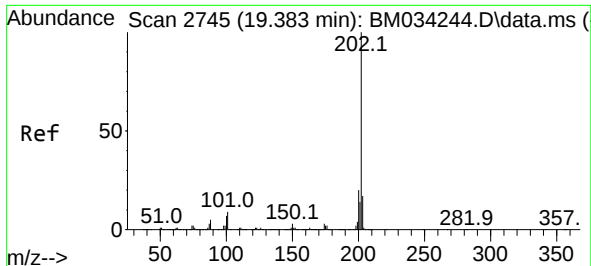
Tgt Ion:167 Resp: 2084429
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.4 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 44.468 ng
 RT: 18.295 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

Tgt Ion:149 Resp: 2667375
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.5 4.7 7.1

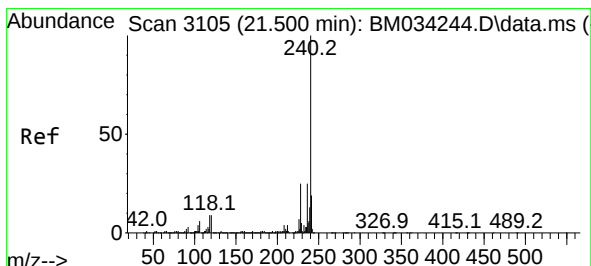
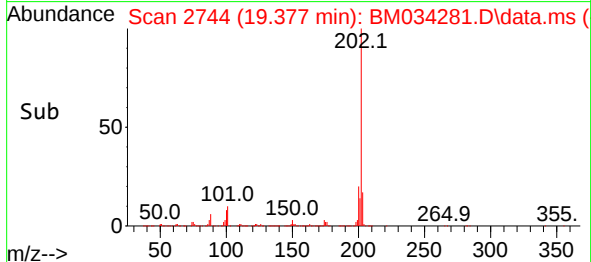
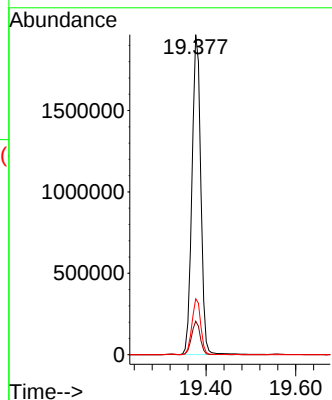
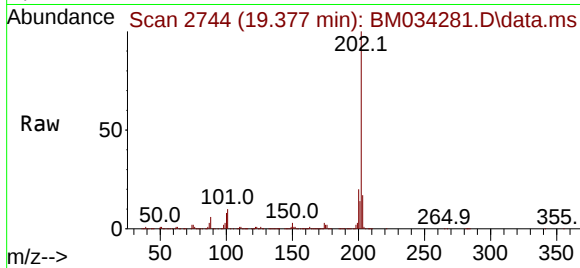




#75
Fluoranthene
Concen: 44.952 ng
RT: 19.377 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

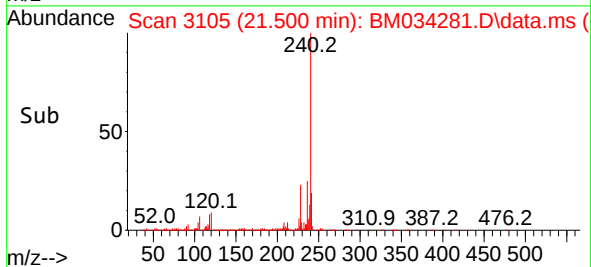
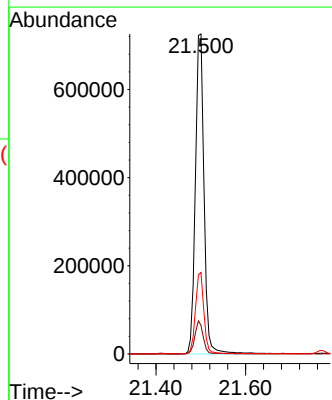
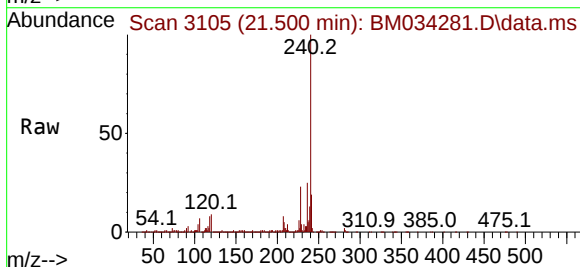
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BNA_M
ClientSampleId :
PB143392BSD

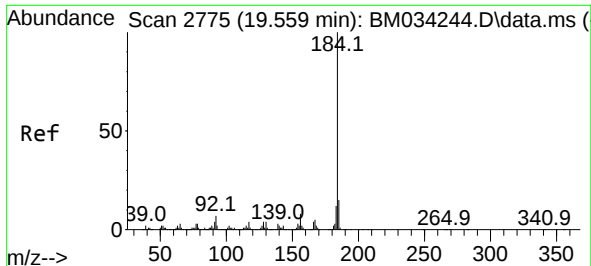
Tgt Ion:202 Resp: 2678615
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.4
203 17.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:240 Resp: 978293
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.4 20.2 30.2

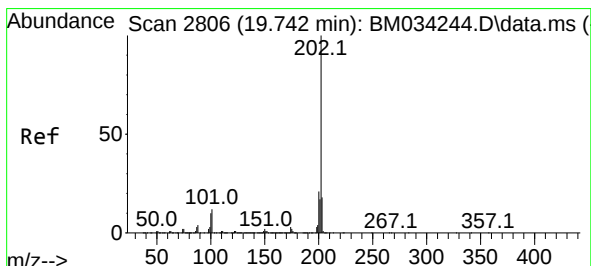
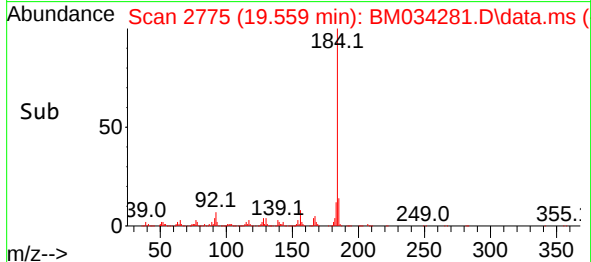
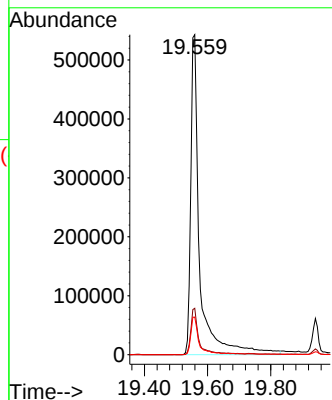
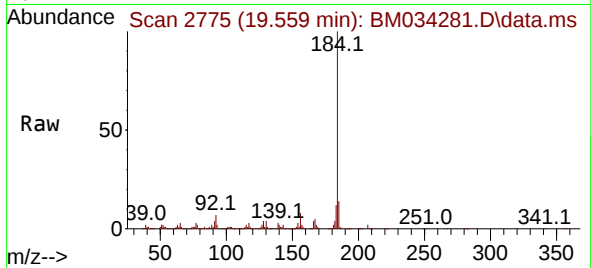




#77
Benzidine
Concen: 74.850 ng
RT: 19.559 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

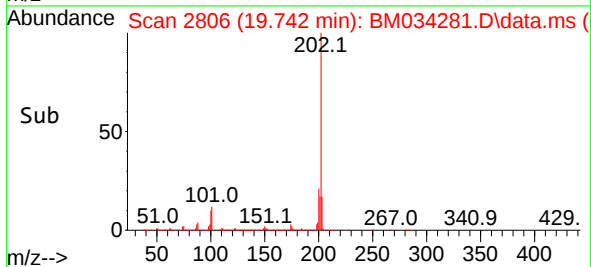
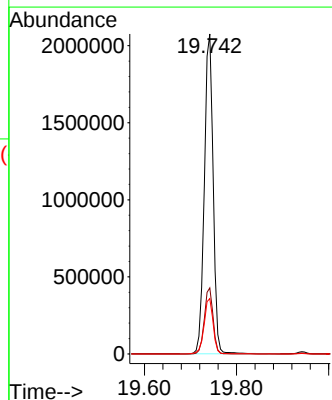
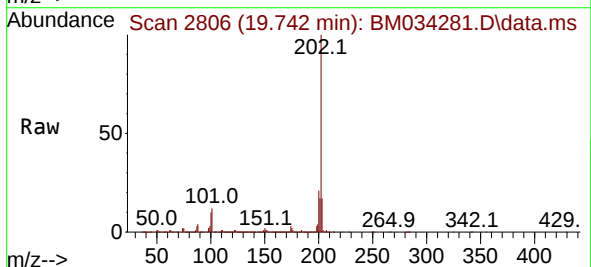
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

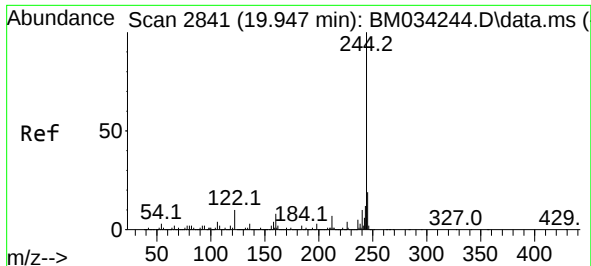
Tgt Ion:184 Resp: 1073070
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.7 9.8 14.6



#78
Pyrene
Concen: 40.339 ng
RT: 19.742 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:202 Resp: 2780423
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.3 14.1 21.1

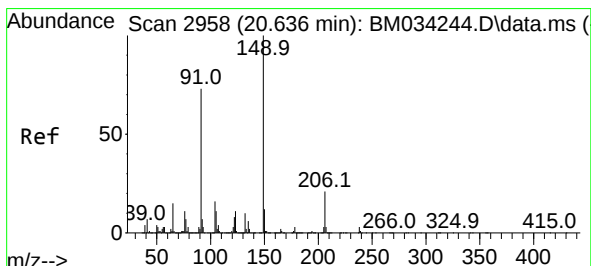
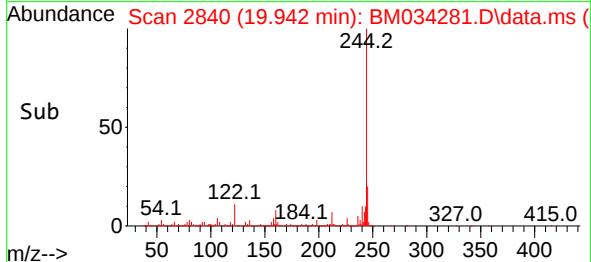
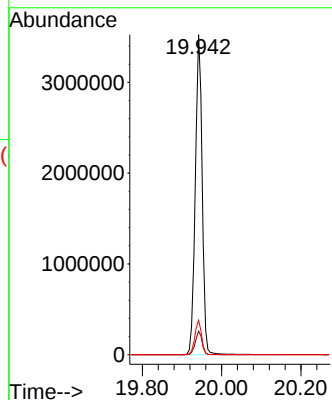
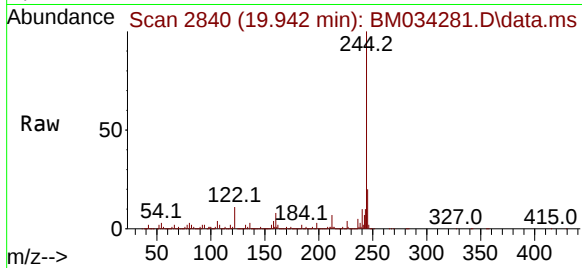




#79
 Terphenyl-d14
 Concen: 75.408 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

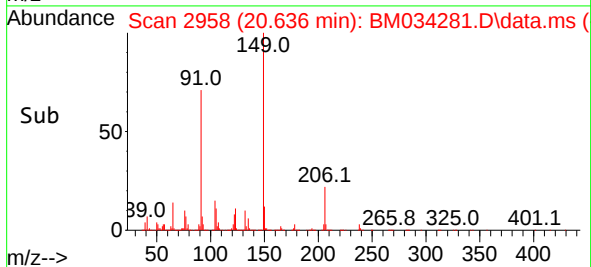
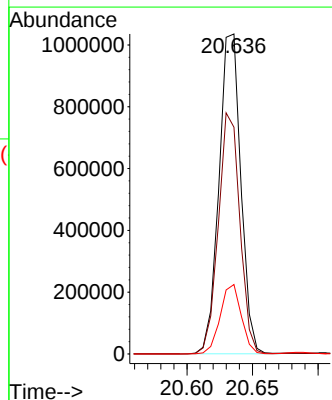
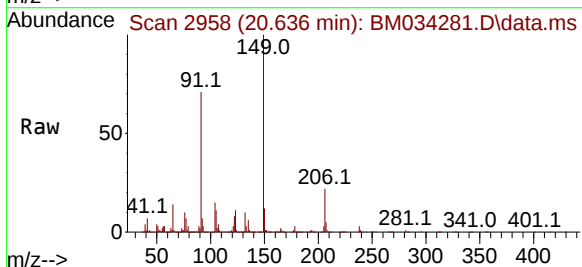
Instrument :
 BNA_M
 ClientSampleId :
 PB143392BSD

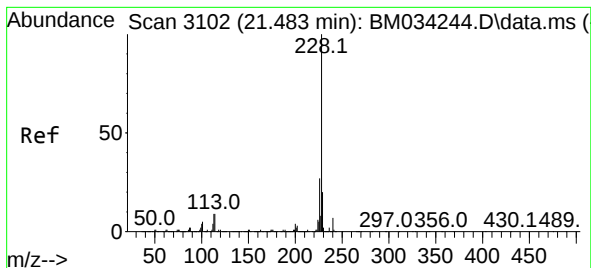
Tgt Ion:244 Resp: 4245552
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.7 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 41.207 ng
 RT: 20.636 min Scan# 2958
 Delta R.T. 0.000 min
 Lab File: BM034281.D
 Acq: 18 Mar 2022 18:03

Tgt Ion:149 Resp: 1201174
 Ion Ratio Lower Upper
 149 100
 91 70.8 58.5 87.7
 206 21.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 42.639 ng

RT: 21.483 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

Instrument :

BNA_M

ClientSampleId :

PB143392BSD

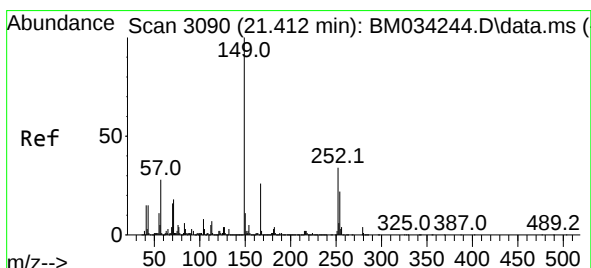
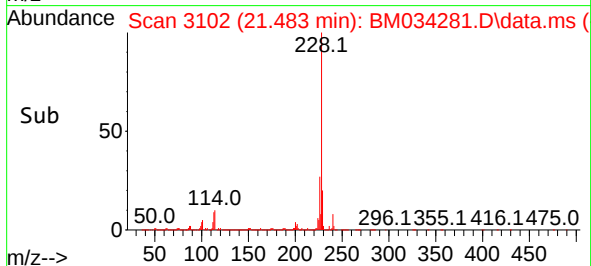
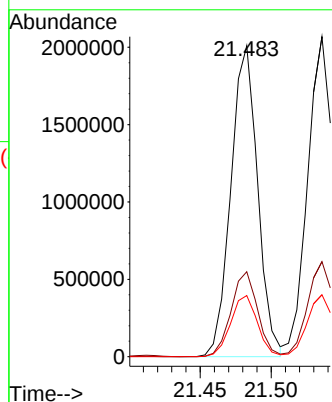
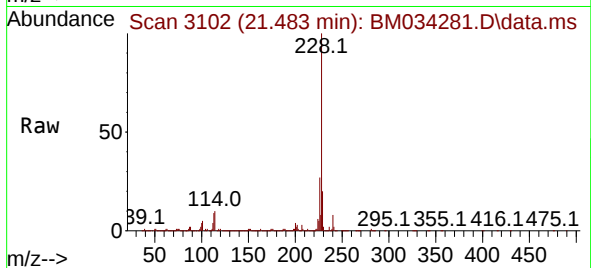
Tgt Ion:228 Resp: 2632764

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 34.144 ng

RT: 21.412 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

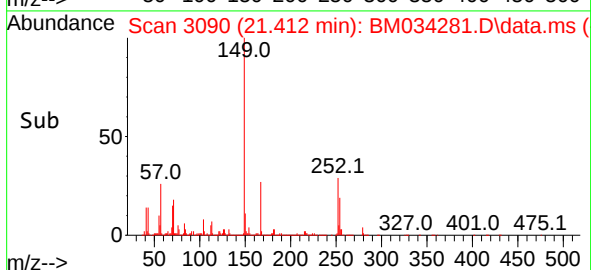
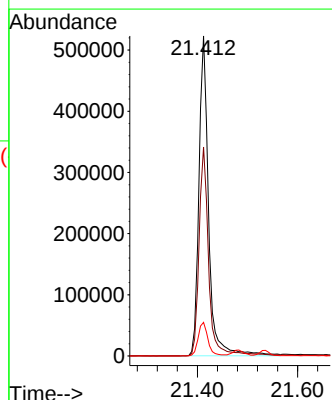
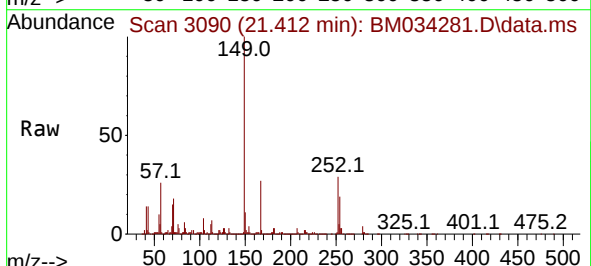
Tgt Ion:252 Resp: 704161

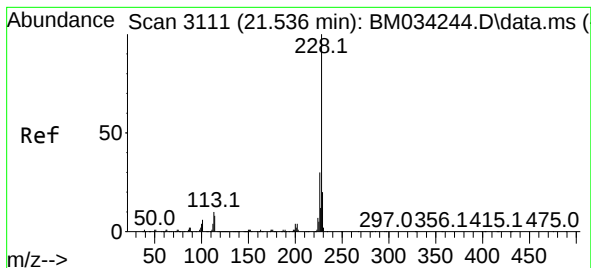
Ion Ratio Lower Upper

252 100

254 65.3 50.9 76.3

126 10.5 8.6 12.8





#83

Chrysene

Concen: 43.337 ng

RT: 21.536 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

Instrument :

BNA_M

ClientSampleId :

PB143392BSD

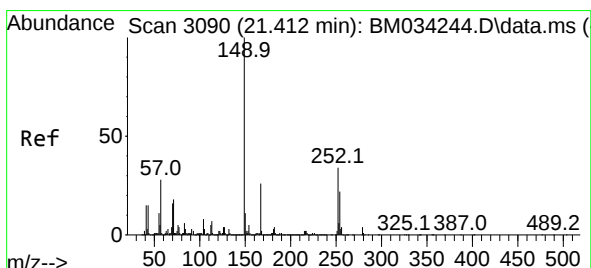
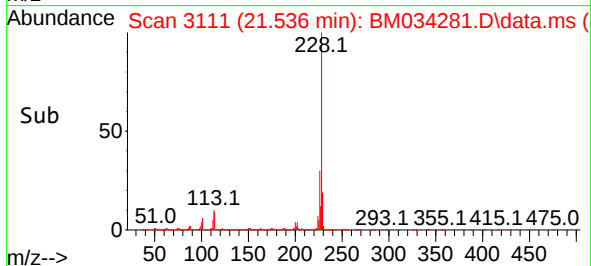
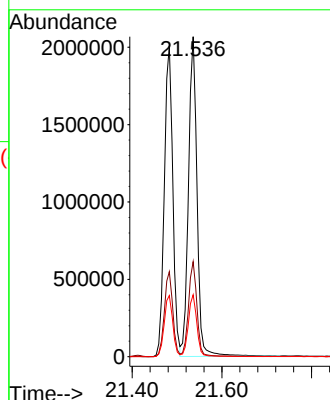
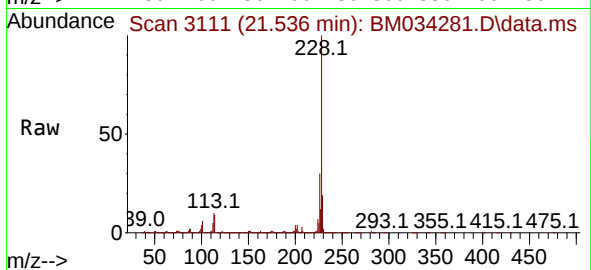
Tgt Ion:228 Resp: 2732560

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.874 ng

RT: 21.412 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

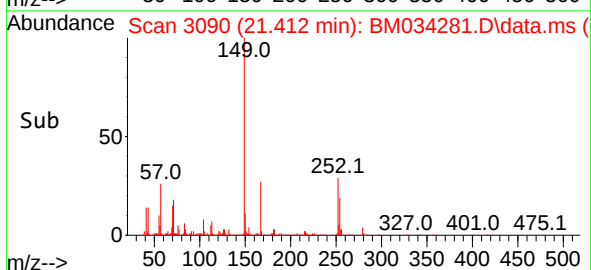
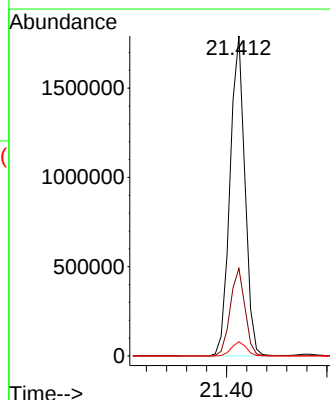
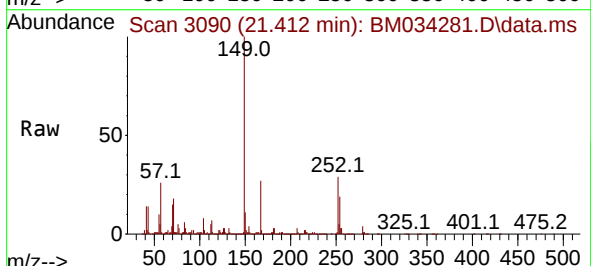
Tgt Ion:149 Resp: 1845527

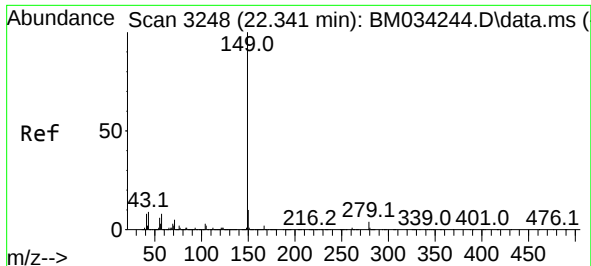
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.5 3.4 5.2

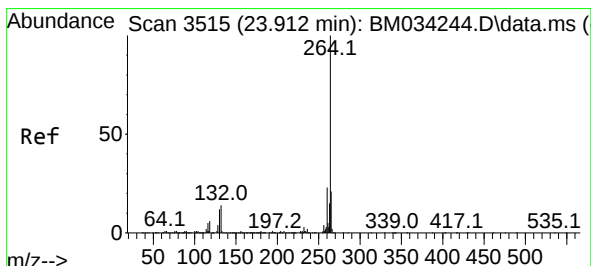
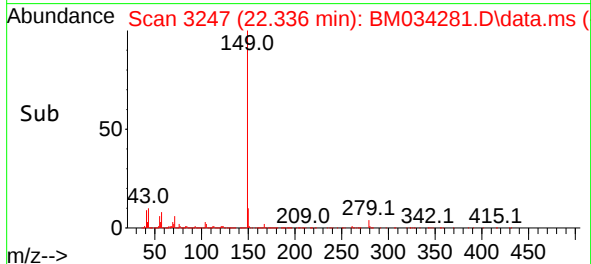
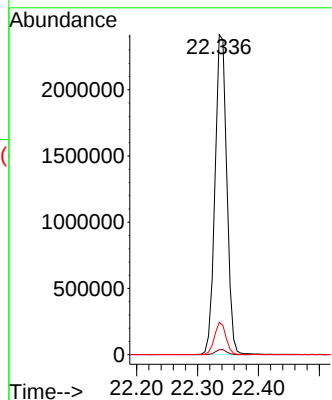
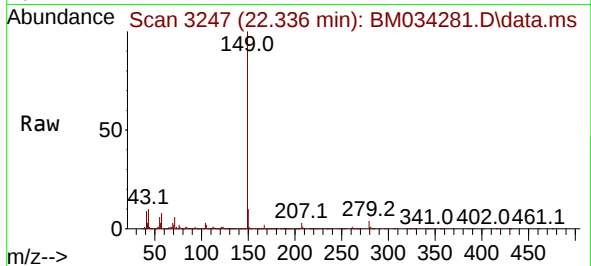




#85
Di-n-octyl phthalate
Concen: 47.386 ng
RT: 22.336 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

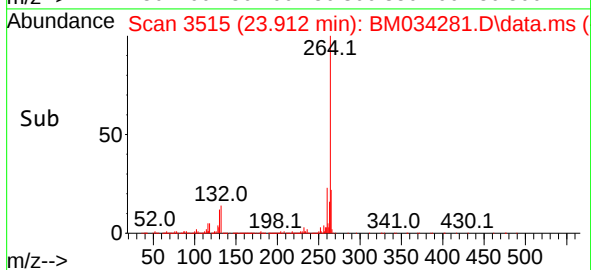
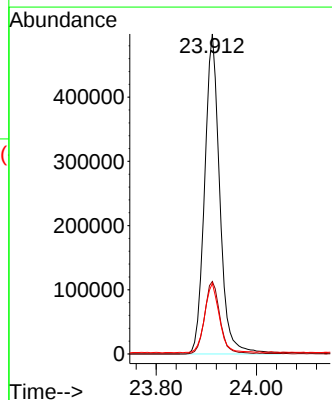
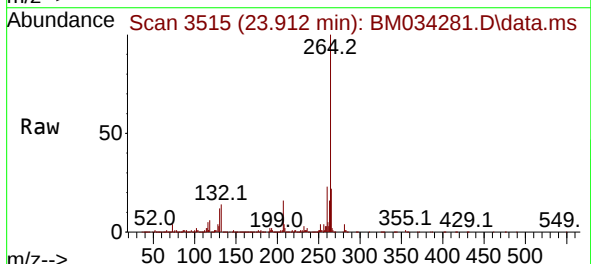
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

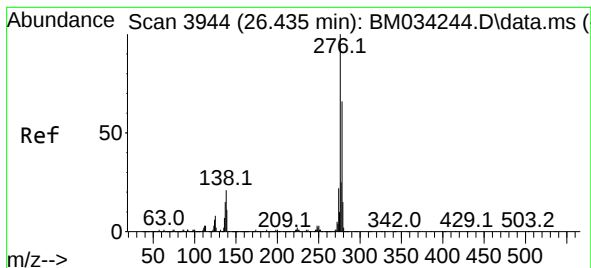
Tgt Ion:149 Resp: 3237828
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.912 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:264 Resp: 1045772
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 22.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.358 ng

RT: 26.441 min Scan# 3945

Delta R.T. 0.006 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

Instrument :

BNA_M

ClientSampleId :

PB143392BSD

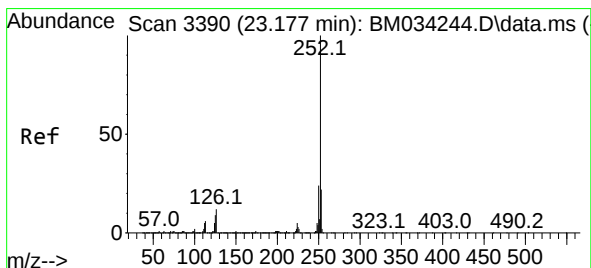
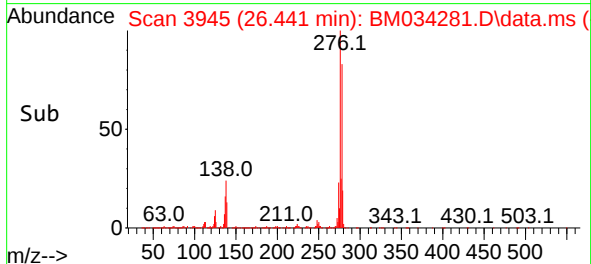
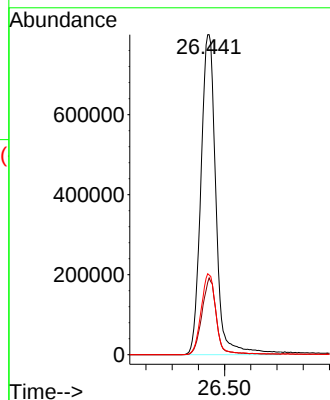
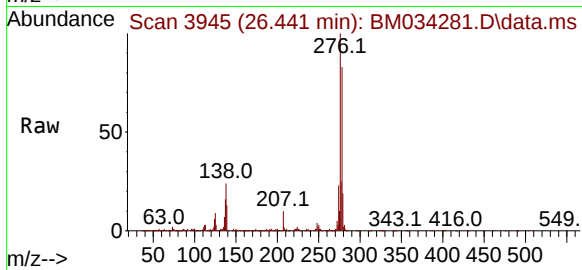
Tgt Ion:276 Resp: 3185956

Ion Ratio Lower Upper

276 100

138 22.6 16.6 25.0

277 25.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 46.670 ng

RT: 23.177 min Scan# 3390

Delta R.T. 0.000 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

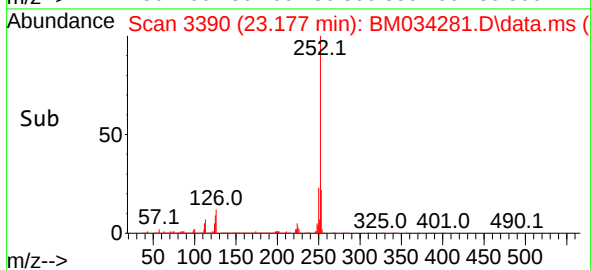
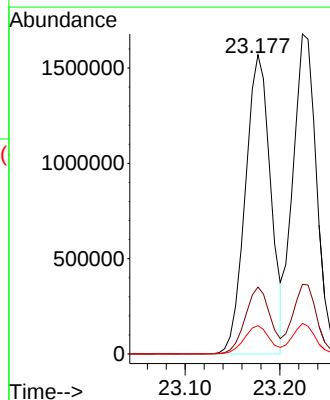
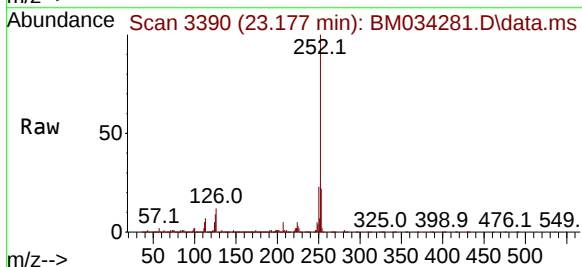
Tgt Ion:252 Resp: 2918524

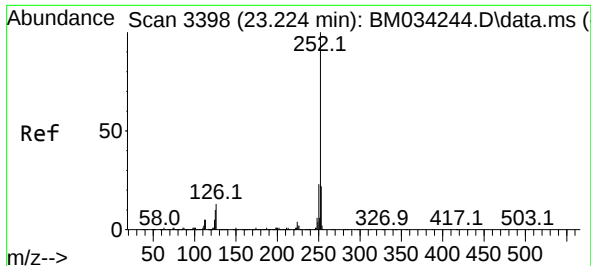
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.5 7.2 10.8

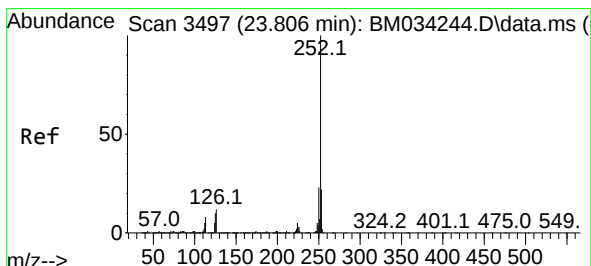
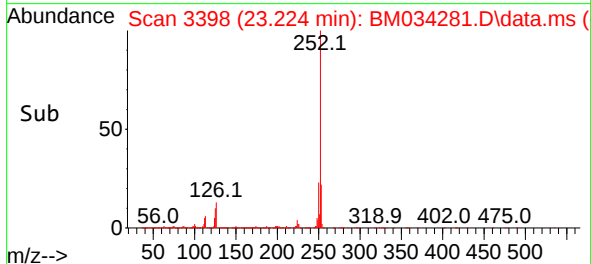
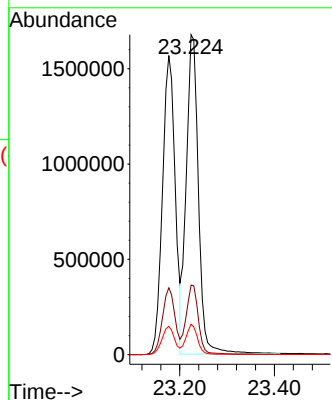
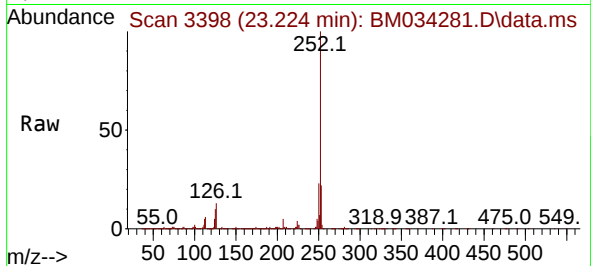




#89
Benzo(k)fluoranthene
Concen: 45.345 ng
RT: 23.224 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

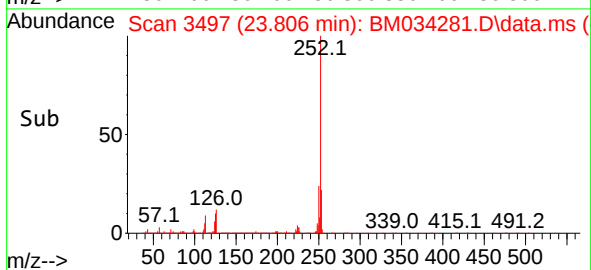
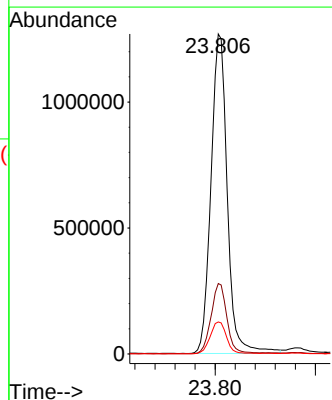
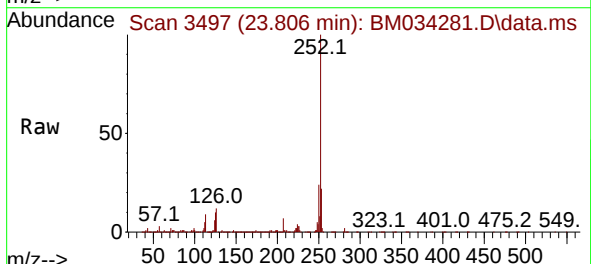
Instrument :
BNA_M
ClientSampleId :
PB143392BSD

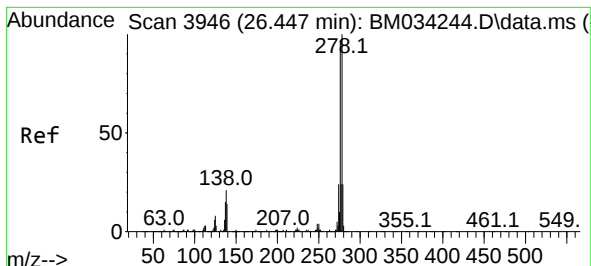
Tgt Ion:252 Resp: 3003829
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.6 7.5 11.3



#90
Benzo(a)pyrene
Concen: 54.043 ng
RT: 23.806 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BM034281.D
Acq: 18 Mar 2022 18:03

Tgt Ion:252 Resp: 2865001
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.0 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 48.934 ng

RT: 26.453 min Scan# 3946

Delta R.T. 0.006 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

Instrument :

BNA_M

ClientSampleId :

PB143392BSD

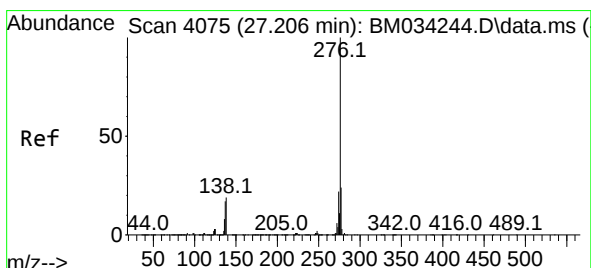
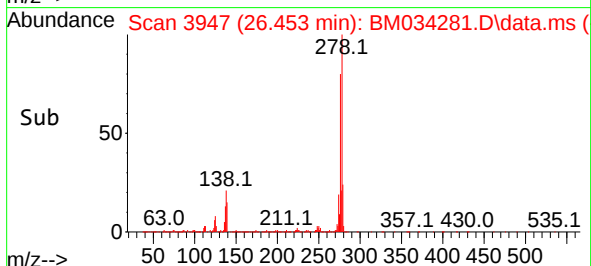
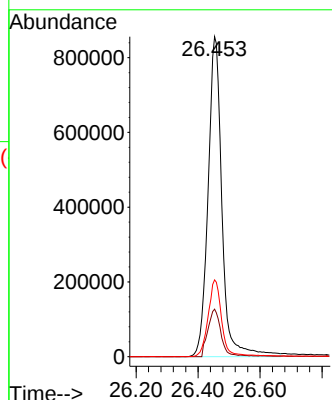
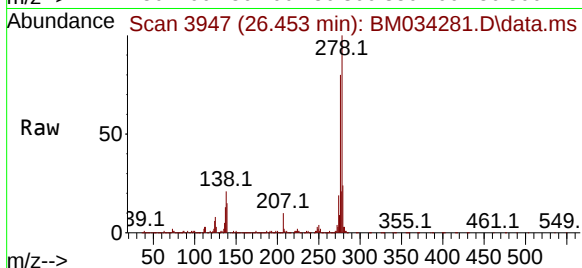
Tgt Ion:278 Resp: 2669229

Ion Ratio Lower Upper

278 100

139 14.9 11.2 16.8

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 47.510 ng

RT: 27.212 min Scan# 4076

Delta R.T. 0.006 min

Lab File: BM034281.D

Acq: 18 Mar 2022 18:03

Tgt Ion:276 Resp: 2682427

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 19.5 15.6 23.4

