

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
 Data File : BM036481.D
 Acq On : 01 Sep 2022 20:01
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020165

Quant Time: Sep 02 01:38:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 02 01:33:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	197369	20.000	ng/u1	0.00
20) Naphthalene-d8	10.522	136	957270	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.374	164	711531	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	1524723	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1560596	20.000	ng/u1	0.00
88) Perylene-d12	23.603	264	1492732	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	38617	7.457	ng/uL	0.00
4) Pyridine-d5	3.557	84	282488	19.780	ng/u1	0.00
7) Phenol-d5	6.904	99	298378	17.711	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	198128	18.683	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	241903	18.275	ng/u1	0.00
15) 4-Methylphenol-d8	8.451	113	243796	19.381	ng/u1	0.00
21) Nitrobenzene-d5	8.898	128	125794	17.332	ng/u1	0.00
24) 2-Nitrophenol-d4	9.616	143	132799	18.039	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	247256	18.796	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	396539	19.445	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	856888	19.036	ng/u1	0.00
49) Acenaphthylene-d8	14.068	160	1024642	18.250	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	162186	19.015	ng/u1	0.00
60) Fluorene-d10	15.368	176	786862	19.344	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	130221	16.612	ng/u1	0.00
73) Anthracene-d10	17.221	188	1250289	18.442	ng/u1	0.00
81) Pyrene-d10	19.515	212	1430585	17.672	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.456	264	1352686	18.482	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	42321	7.759	ng/uL	97
5) Pyridine	3.575	79	296288	20.083	ng/u1	98
6) Benzaldehyde	6.875	77	155625	22.489	ng/u1	93
8) Phenol	6.934	94	311380	17.777	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.163	93	258402	18.444	ng/u1	98
12) 2-Chlorophenol	7.287	128	253215	18.294	ng/u1	98
13) 2-Methylphenol	8.181	108	241992	18.742	ng/u1	96
16) Acetophenone	8.557	105	403202	19.929	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.545	70	210673	20.921	ng/u1	97
18) 4-Methylphenol	8.510	108	271937	19.676	ng/u1	99
19) Hexachloroethane	8.792	117	107615	18.583	ng/u1	84
22) Nitrobenzene	8.939	77	309162	17.978	ng/u1	97
23) Isophorone	9.463	82	593766	19.443	ng/u1	97
25) 2-Nitrophenol	9.645	139	149384	18.213	ng/u1	93
26) 2,4-Dimethylphenol	9.710	107	307715	18.760	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.951	93	376339	18.929	ng/u1	99
29) 2,4-Dichlorophenol	10.180	162	254057	18.877	ng/u1	99
30) Naphthalene	10.575	128	921259	18.336	ng/u1	99
32) 4-Chloroaniline	10.698	127	408889	19.713	ng/u1	99
33) Hexachlorobutadiene	10.851	225	155364	18.375	ng/u1	98
34) Caprolactam	11.486	113	93837	23.271	ng/u1	95
35) 4-Chloro-3-methylphenol	11.833	107	315924	23.217	ng/u1	99
36) 2-Methylnaphthalene	12.192	142	695280	22.056	ng/u1	100
37) 1-Methylnaphthalene	12.410	142	711058	22.398	ng/u1#	100

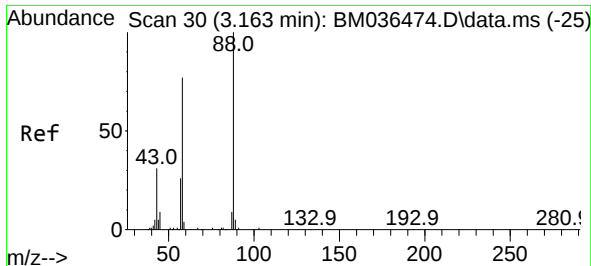
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.563	216	334469	17.007	ng/ul	98
40) Hexachlorocyclopentadiene	12.533	237	256389	21.975	ng/ul	97
41) 2,4,6-Trichlorophenol	12.810	196	222405	17.972	ng/ul	97
42) 2,4,5-Trichlorophenol	12.886	196	234278	17.847	ng/ul	97
43) 1,1'-Biphenyl	13.210	154	942413	17.610	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	716027	17.437	ng/ul	99
45) 2-Nitroaniline	13.474	65	215939	19.419	ng/ul	95
47) Dimethylphthalate	13.845	163	883531	19.068	ng/ul	99
48) 2,6-Dinitrotoluene	13.974	165	172049	19.680	ng/ul	91
50) Acenaphthylene	14.098	152	1217262	18.385	ng/ul	100
51) 3-Nitroaniline	14.304	138	186393	19.495	ng/ul	100
52) Acenaphthene	14.439	153	788908	18.281	ng/ul	98
53) 2,4-Dinitrophenol	14.515	184	90335	18.960	ng/ul	94
55) 4-Nitrophenol	14.615	109	134214	19.916	ng/ul	81
56) Dibenzofuran	14.774	168	1120355	18.711	ng/ul	96
57) 2,4-Dinitrotoluene	14.763	165	253755	20.466	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.004	232	200167	20.084	ng/ul#	90
59) Diethylphthalate	15.210	149	935811	20.488	ng/ul	99
61) Fluorene	15.427	166	931300	19.609	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.421	204	435919	19.649	ng/ul	99
63) 4-Nitroaniline	15.468	138	171434	19.222	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	15.521	198	132653	16.738	ng/ul	95
67) N-Nitrosodiphenylamine	15.645	169	767144	17.599	ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	249811	17.694	ng/ul	93
69) Hexachlorobenzene	16.421	284	301126	17.600	ng/ul	94
70) Atrazine	16.598	200	268001	17.994	ng/ul	98
71) Pentachlorophenol	16.774	266	198163	21.009	ng/ul	100
72) Phenanthrene	17.162	178	1457385	18.182	ng/ul	99
74) Anthracene	17.256	178	1500141	18.668	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.169	216	347656	15.196	ng/uL	98
76) Pentachlorobenzene	14.692	250	352035	16.480	ng/uL	99
77) Carbazole	17.533	167	1380245	18.344	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1650145	20.052	ng/ul	99
80) Fluoranthene	19.186	202	1712314	17.502	ng/ul	97
82) Pyrene	19.545	202	1803169	17.661	ng/ul	99
83) Butylbenzylphthalate	20.456	149	731351	19.148	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.233	252	566758	17.636	ng/ul	99
85) Benzo(a)anthracene	21.297	228	1739192	18.545	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1113361	21.112	ng/ul#	98
87) Chrysene	21.344	228	1681425	18.247	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	1846071	20.804	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	1730959	19.019	ng/ul	98
91) Benzo(k)fluoranthene	22.950	252	1646250	19.013	ng/ul	99
93) Benzo(a)pyrene	23.503	252	1648406	18.411	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.968	276	1663619	15.804	ng/ul	95
95) Dibenzo(a,h)anthracene	25.985	278	1427868	15.746	ng/ul	97
96) Benzo(g,h,i)perylene	26.697	276	1314339	14.600	ng/ul	96

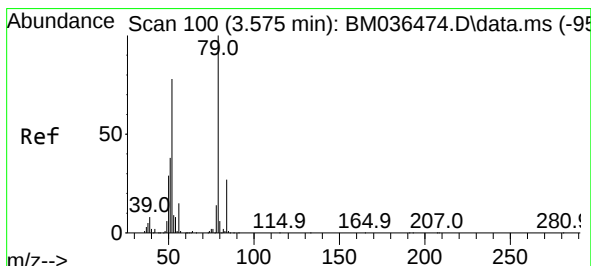
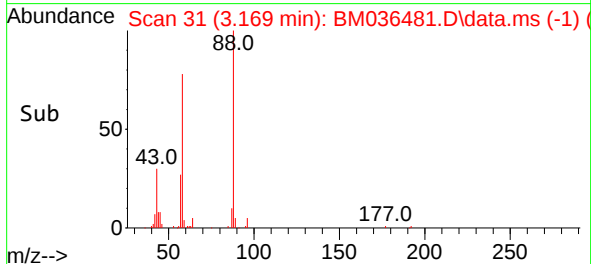
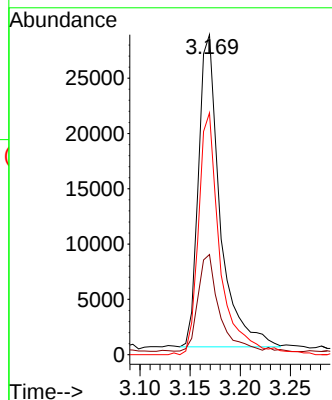
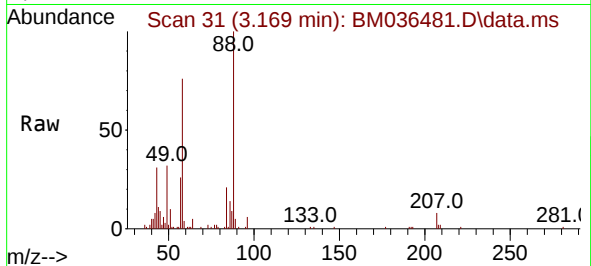
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#2
1,4-Dioxane
Concen: 7.759 ng/uL
RT: 3.169 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM036481.D
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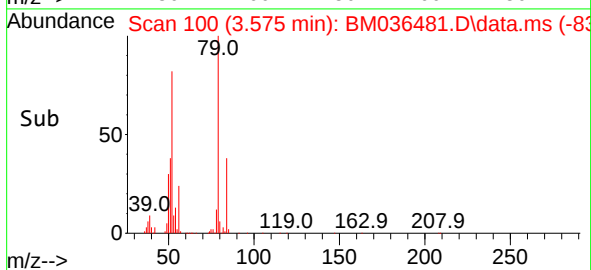
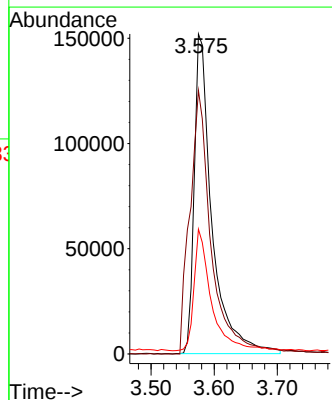
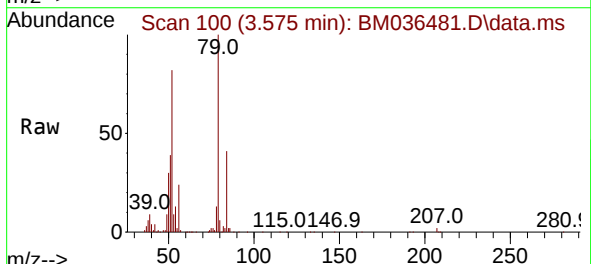
Instrument :
BNA_M
ClientSampleId :
SSTD020165

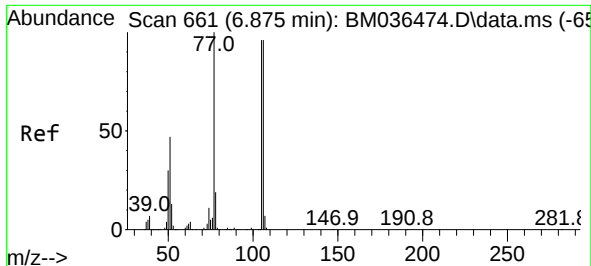
Tgt Ion: 88 Resp: 42321
Ion Ratio Lower Upper
88 100
43 31.3 27.8 41.8
58 75.6 61.8 92.8



#5
Pyridine
Concen: 20.083 ng/uL
RT: 3.575 min Scan# 100
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion: 79 Resp: 296288
Ion Ratio Lower Upper
79 100
52 82.3 67.8 101.6
51 39.0 31.4 47.0

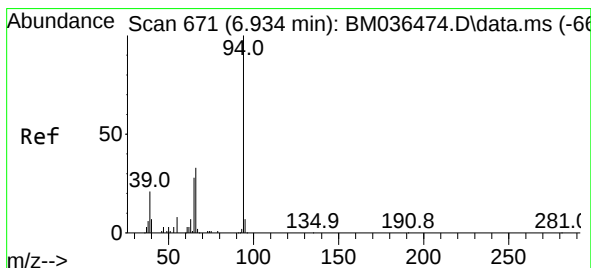
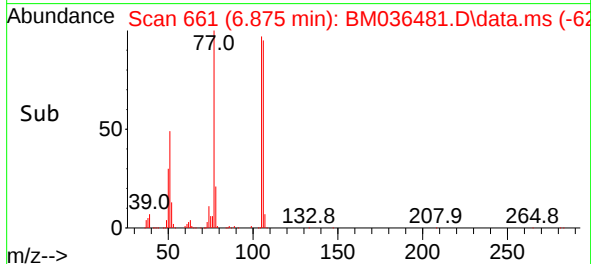
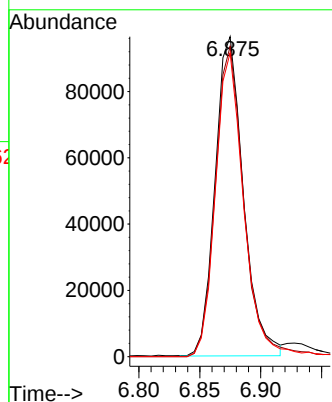
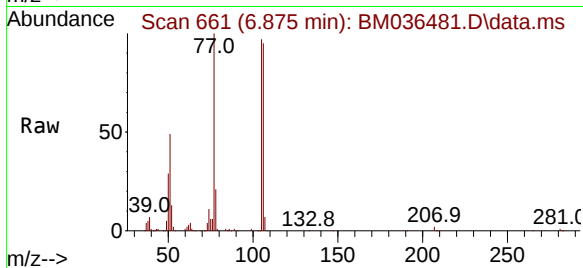




#6
Benzaldehyde
Concen: 22.489 ng/ul
RT: 6.875 min Scan# 661
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

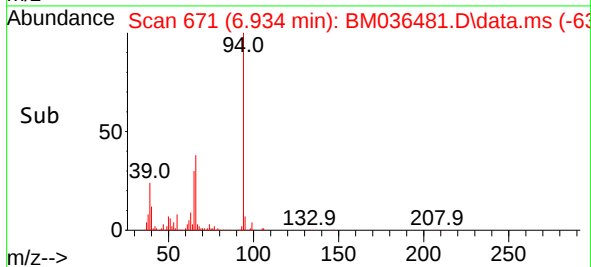
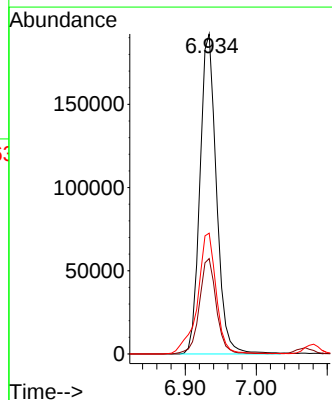
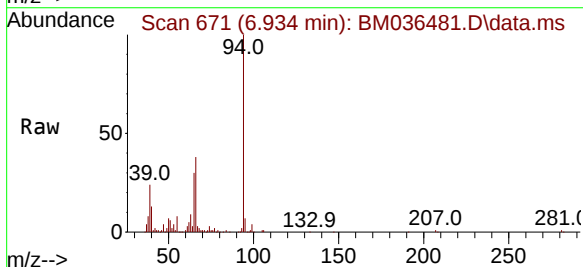
Instrument :
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ClientSampleId :
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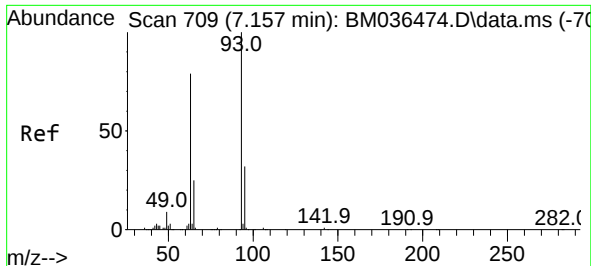
Tgt Ion: 77 Resp: 155625
Ion Ratio Lower Upper
77 100
105 97.0 84.6 127.0
106 94.9 80.3 120.5



#8
Phenol
Concen: 17.777 ng/ul
RT: 6.934 min Scan# 671
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion: 94 Resp: 311380
Ion Ratio Lower Upper
94 100
65 29.8 21.3 31.9
66 37.8 27.4 41.0

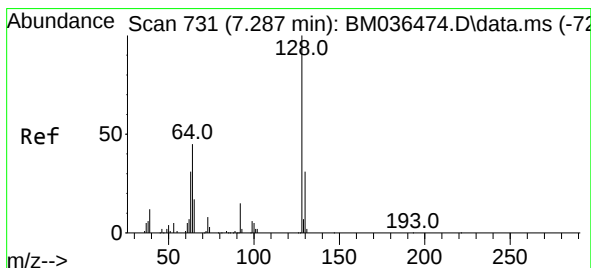
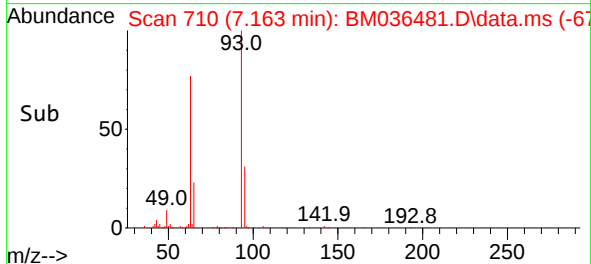
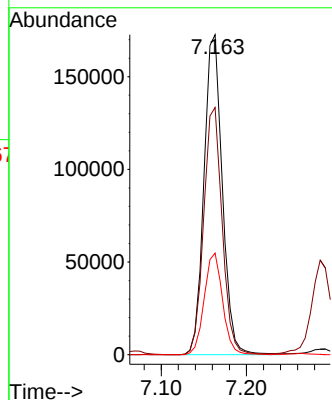
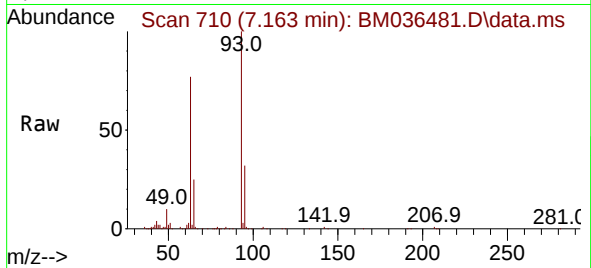




#10
Bis(2-Chloroethyl)ether
Concen: 18.444 ng/ul
RT: 7.163 min Scan# 710
Delta R.T. 0.006 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

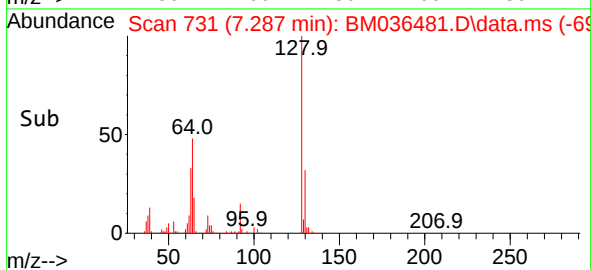
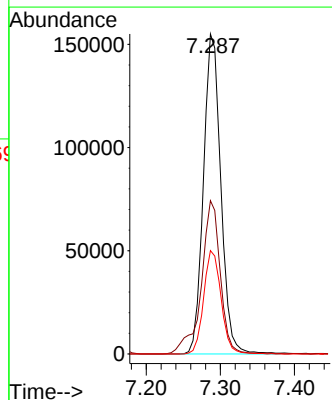
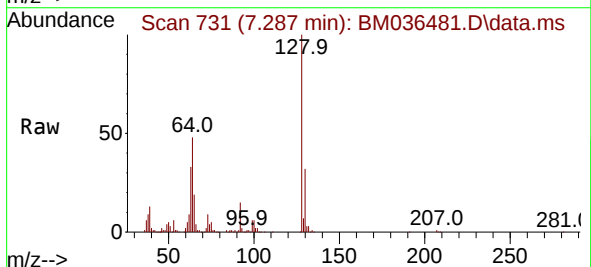
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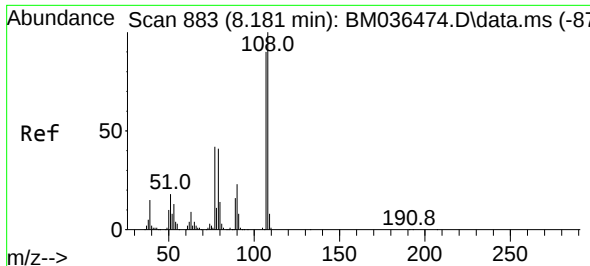
Tgt Ion: 93 Resp: 258402
Ion Ratio Lower Upper
93 100
63 77.2 64.0 96.0
95 31.7 25.8 38.6



#12
2-Chlorophenol
Concen: 18.294 ng/ul
RT: 7.287 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:128 Resp: 253215
Ion Ratio Lower Upper
128 100
64 47.9 36.9 55.3
130 32.3 25.6 38.4

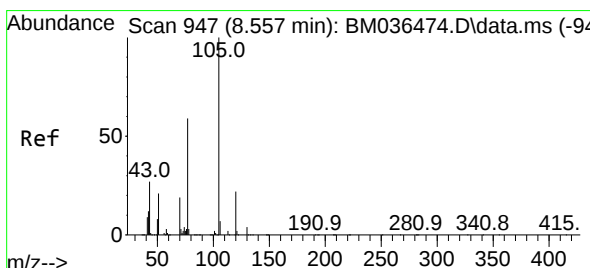
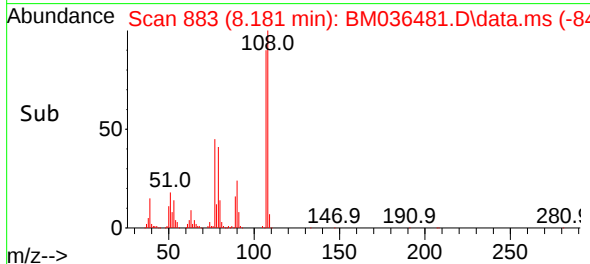
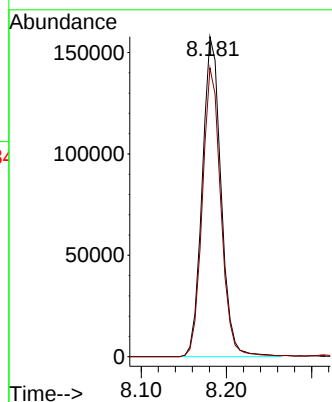
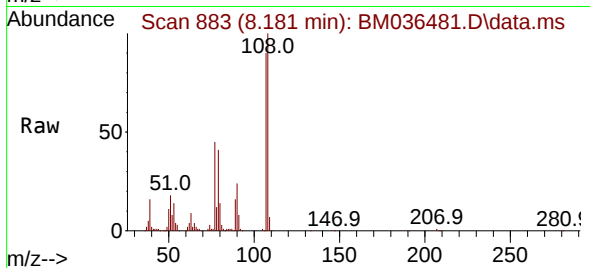




#13
2-Methylphenol
Concen: 18.742 ng/ul
RT: 8.181 min Scan# 883
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

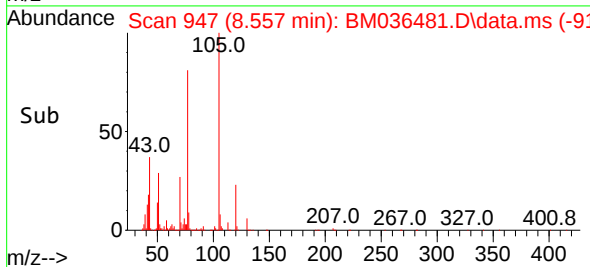
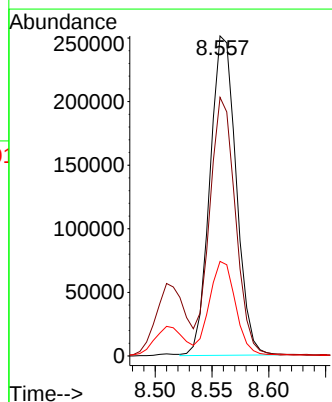
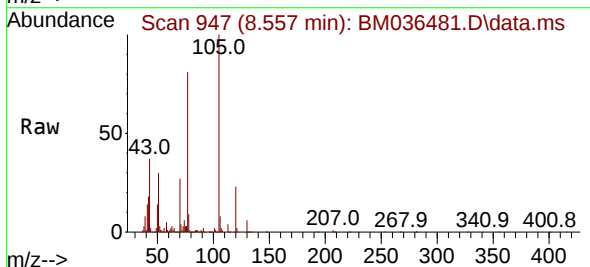
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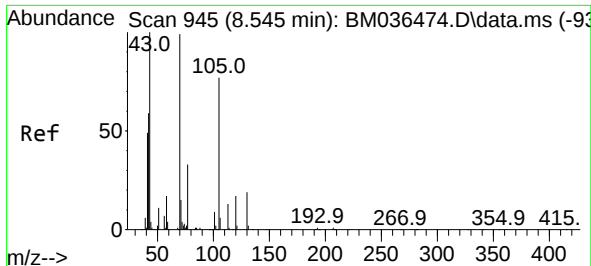
Tgt Ion:108 Resp: 241992
Ion Ratio Lower Upper
108 100
107 90.2 75.0 112.4



#16
Acetophenone
Concen: 19.929 ng/ul
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:105 Resp: 403202
Ion Ratio Lower Upper
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77 80.8 59.8 89.6
51 29.5 22.1 33.1

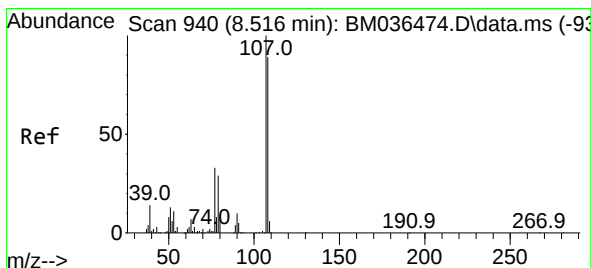
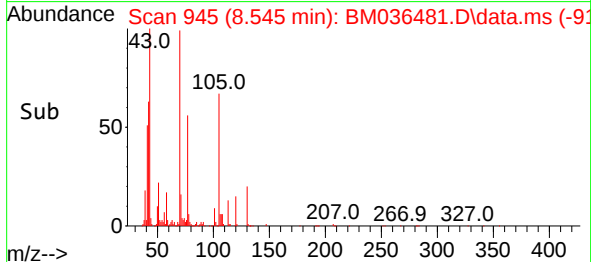
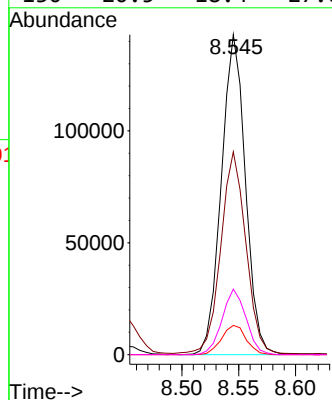
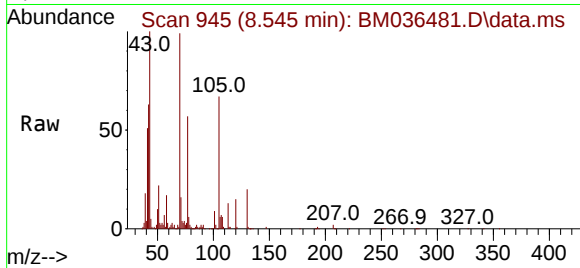




#17
N-Nitroso-di-n-propylamine
Concen: 20.921 ng/ul
RT: 8.545 min Scan# 945
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

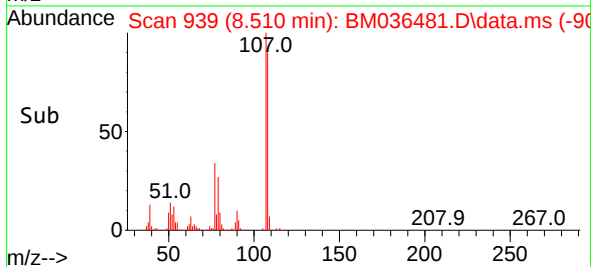
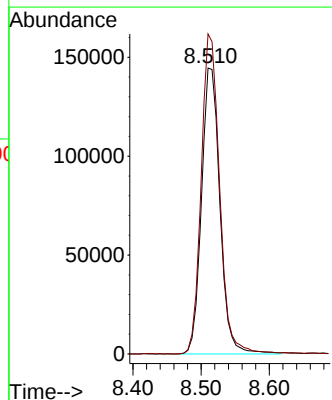
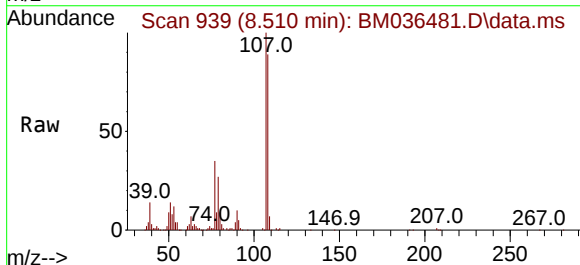
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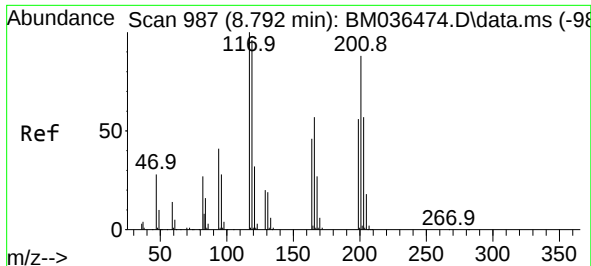
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Ion Ratio Lower Upper
70 100
42 63.4 49.6 74.4
101 9.2 8.1 12.1
130 20.5 18.4 27.6



#18
4-Methylphenol
Concen: 19.676 ng/ul
RT: 8.510 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion: 108 Resp: 271937
Ion Ratio Lower Upper
108 100
107 111.9 90.3 135.5

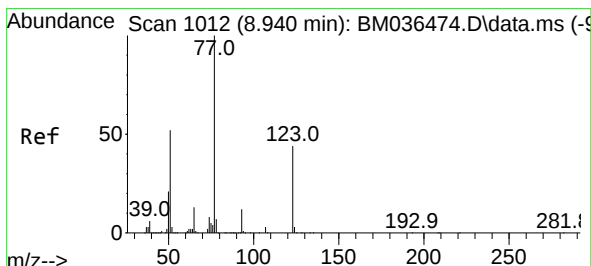
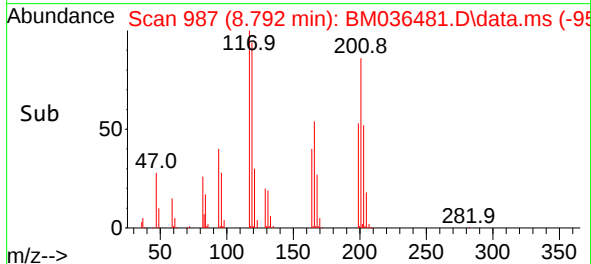
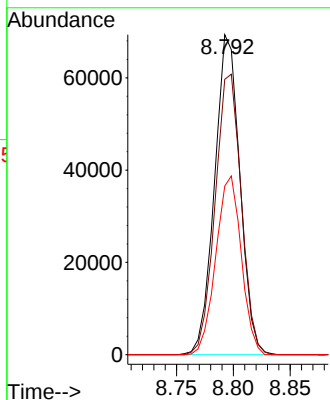
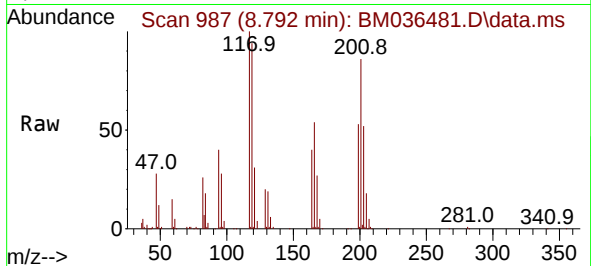




#19
Hexachloroethane
Concen: 18.583 ng/ul
RT: 8.792 min Scan# 987
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

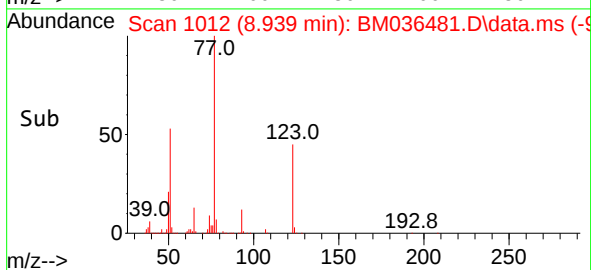
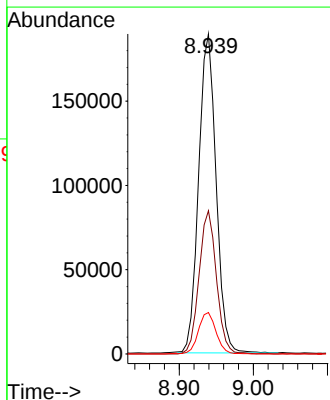
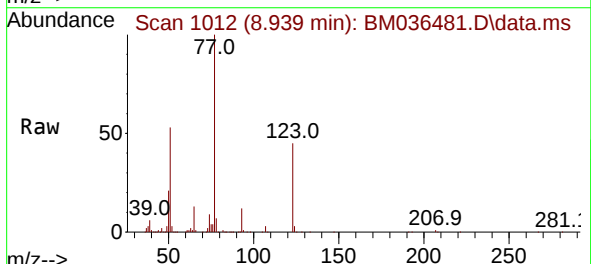
Instrument :
BNA_M
ClientSampleId :
SSTD020165

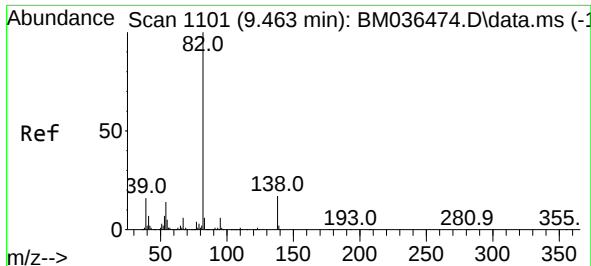
Tgt Ion:117 Resp: 107615
Ion Ratio Lower Upper
117 100
201 86.1 81.8 122.6
199 52.7 51.6 77.4



#22
Nitrobenzene
Concen: 17.978 ng/ul
RT: 8.939 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion: 77 Resp: 309162
Ion Ratio Lower Upper
77 100
123 44.8 37.4 56.0
65 13.0 10.8 16.2

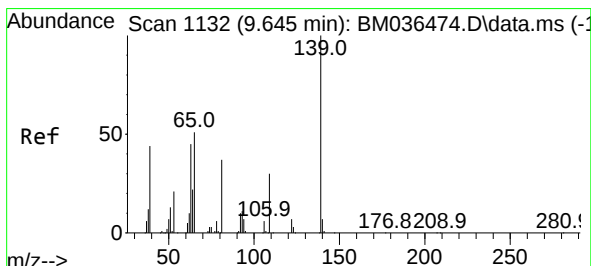
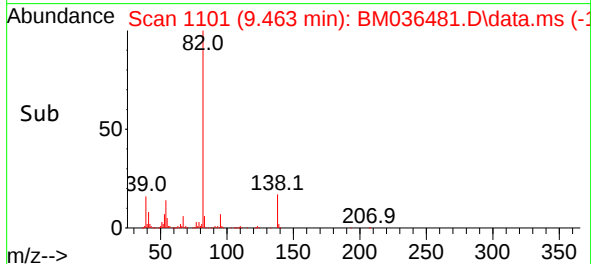
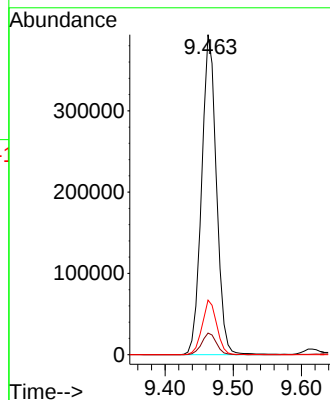
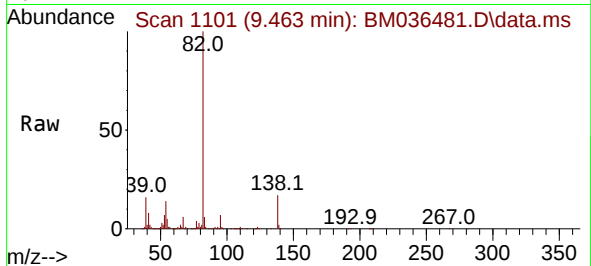




#23
Isophorone
Concen: 19.443 ng/ul
RT: 9.463 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

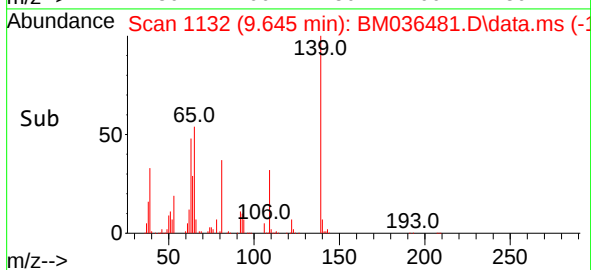
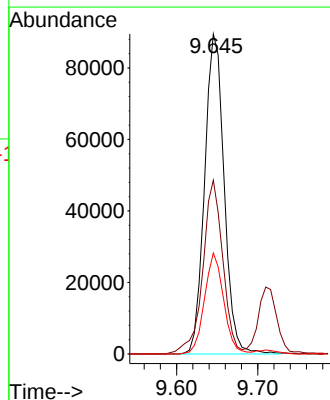
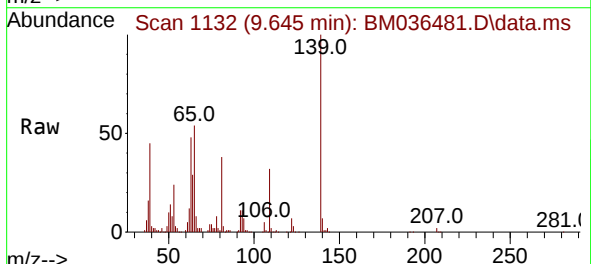
Instrument :
BNA_M
ClientSampleId :
SSTD020165

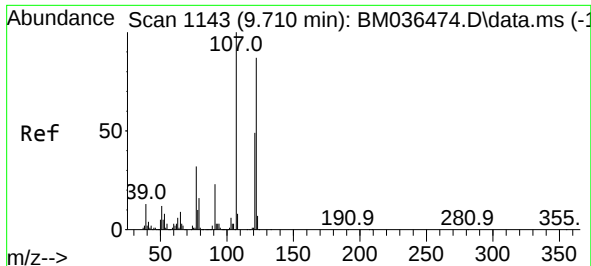
Tgt Ion: 82 Resp: 593766
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.1 15.3 22.9



#25
2-Nitrophenol
Concen: 18.213 ng/ul
RT: 9.645 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion: 139 Resp: 149384
Ion Ratio Lower Upper
139 100
65 54.3 39.8 59.6
109 31.5 22.2 33.4

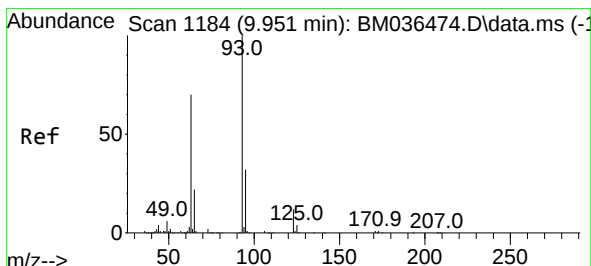
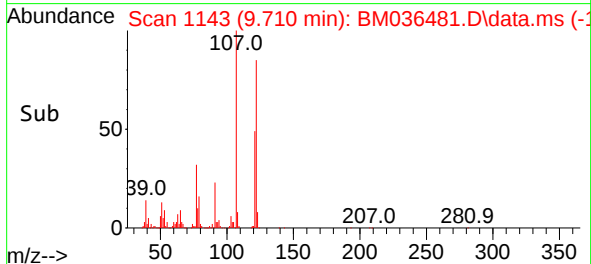
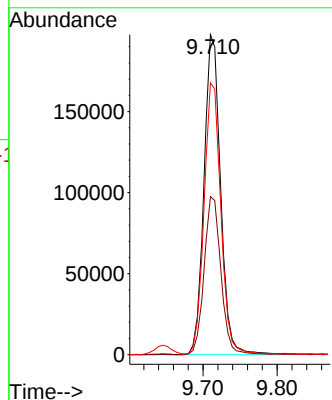
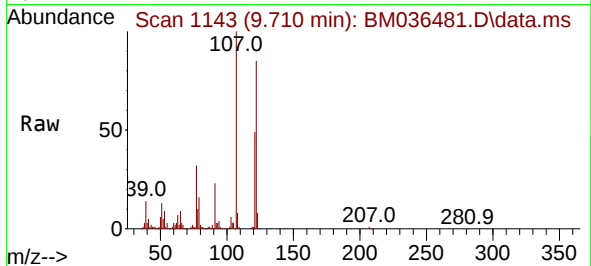




#26
2,4-Dimethylphenol
Concen: 18.760 ng/ul
RT: 9.710 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

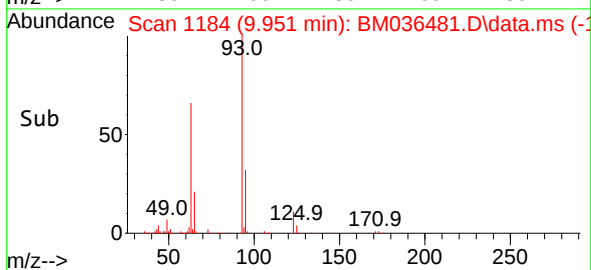
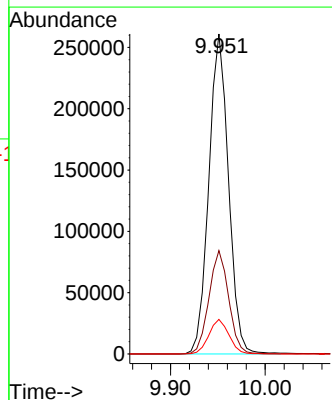
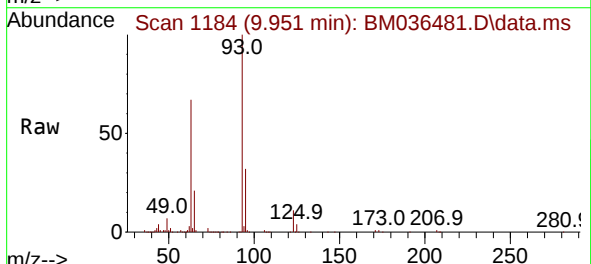
Instrument :
BNA_M
ClientSampleId :
SSTD020165

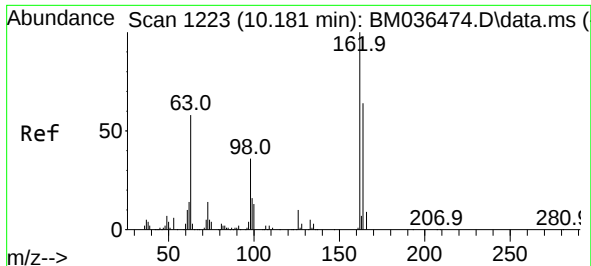
Tgt Ion:107 Resp: 307715
Ion Ratio Lower Upper
107 100
121 49.4 42.7 64.1
122 84.9 71.5 107.3



#27
Bis(2-Chloroethoxy)methane
Concen: 18.929 ng/ul
RT: 9.951 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion: 93 Resp: 376339
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 18.877 ng/ul

RT: 10.180 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

Instrument :

BNA_M

ClientSampleId :

SSTD020165

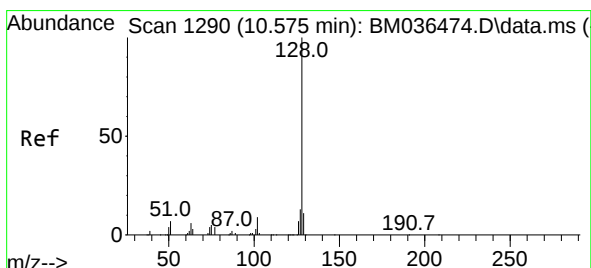
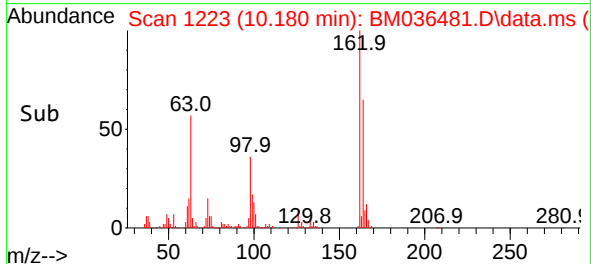
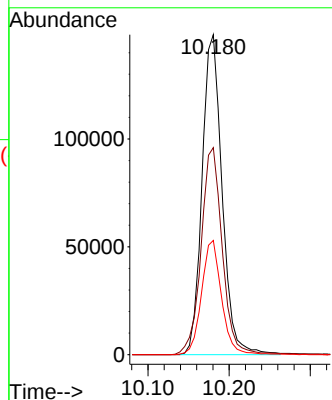
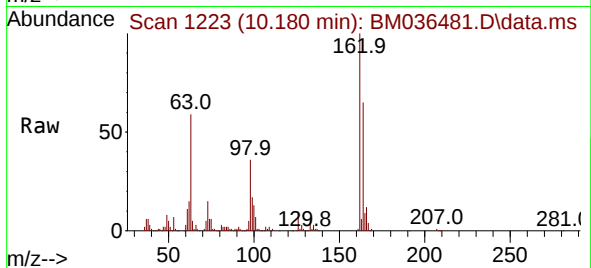
Tgt Ion:162 Resp: 254057

Ion Ratio Lower Upper

162 100

164 64.7 51.8 77.6

98 35.7 29.5 44.3



#30

Naphthalene

Concen: 18.336 ng/ul

RT: 10.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

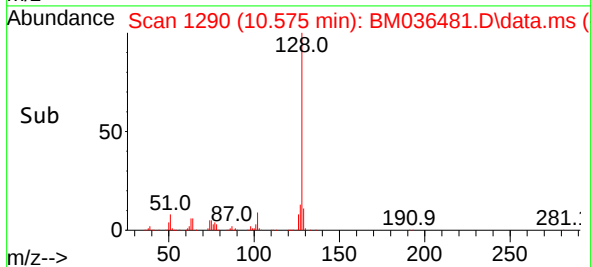
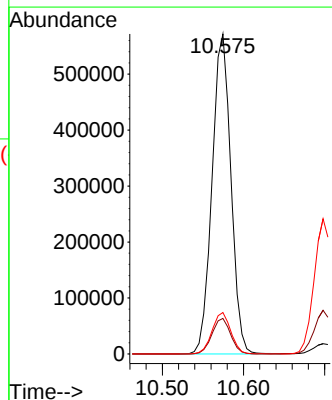
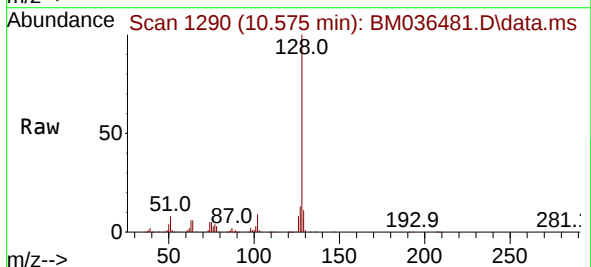
Tgt Ion:128 Resp: 921259

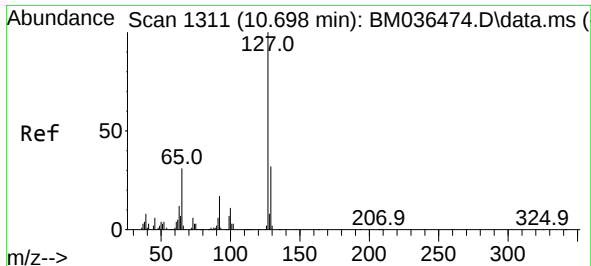
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 12.9 10.6 16.0

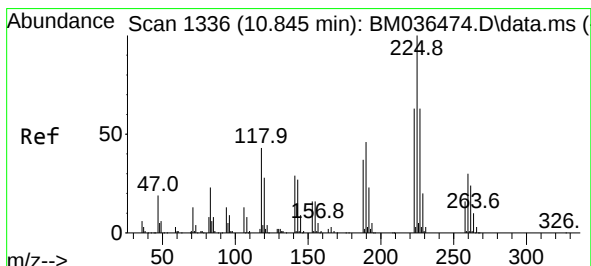
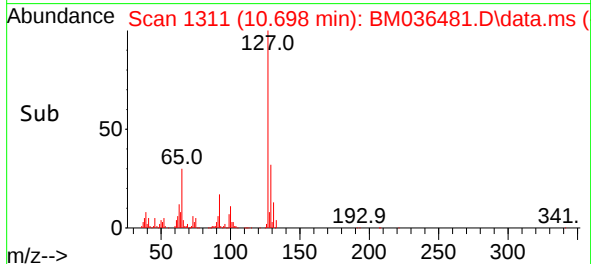
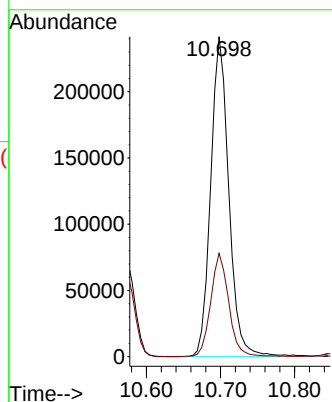
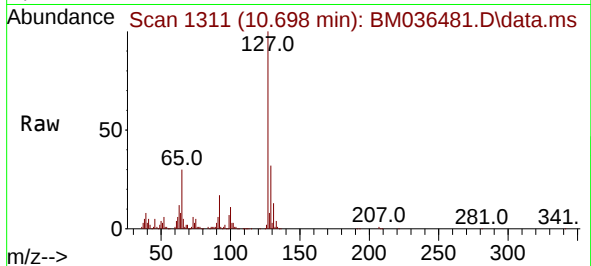




#32
4-Chloroaniline
Concen: 19.713 ng/ul
RT: 10.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

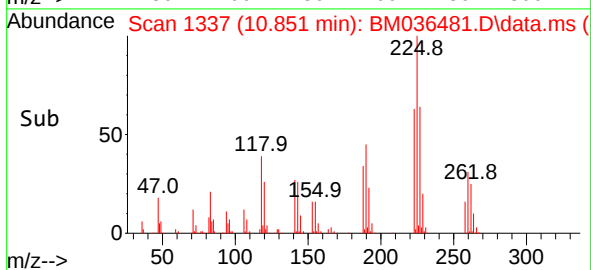
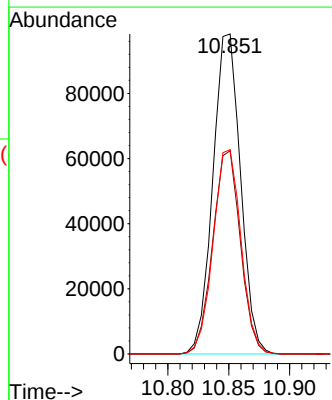
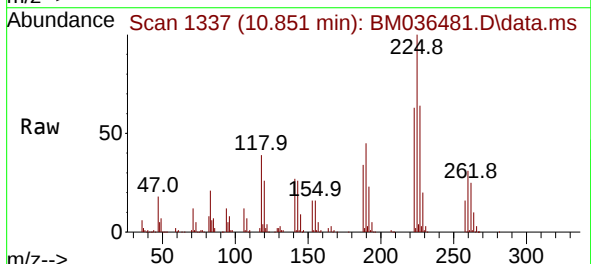
Instrument :
BNA_M
ClientSampleId :
SSTD020165

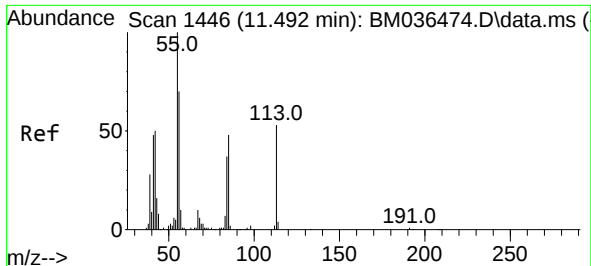
Tgt Ion:127 Resp: 408889
Ion Ratio Lower Upper
127 100
129 32.3 25.3 37.9



#33
Hexachlorobutadiene
Concen: 18.375 ng/ul
RT: 10.851 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:225 Resp: 155364
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 63.9 49.9 74.9

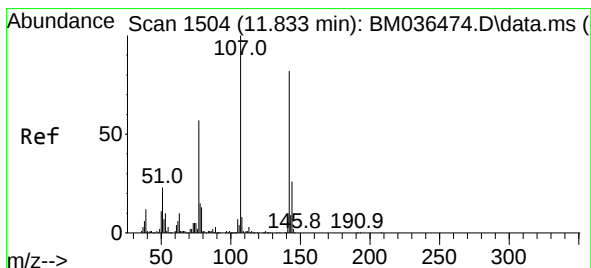
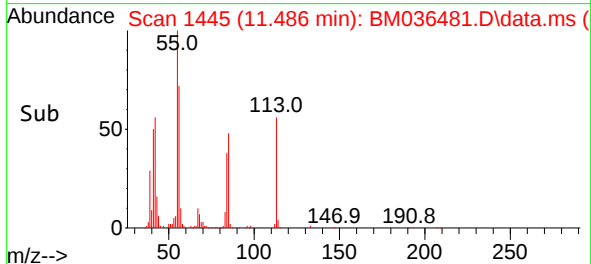
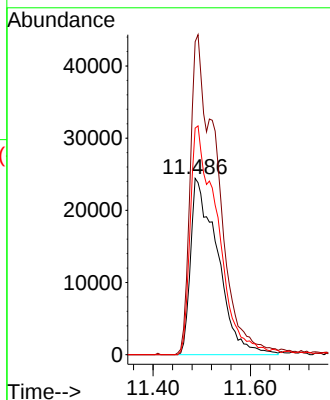
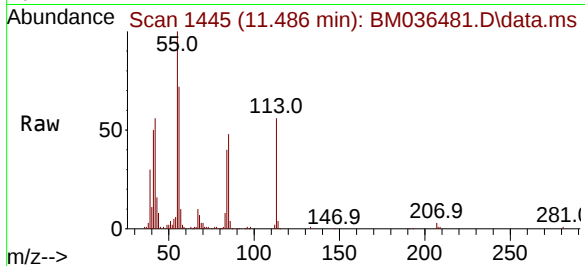




#34
Caprolactam
Concen: 23.271 ng/ul
RT: 11.486 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

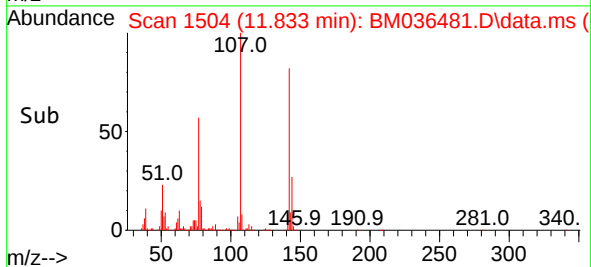
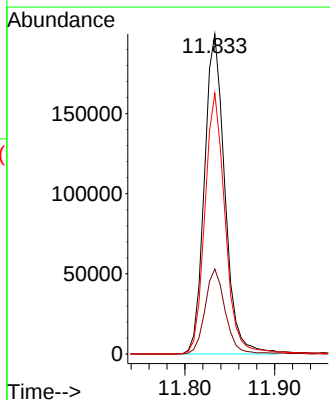
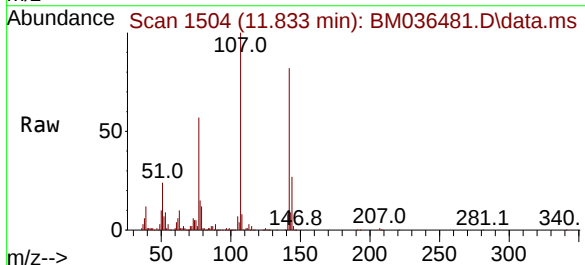
Instrument :
BNA_M
ClientSampleId :
SSTD020165

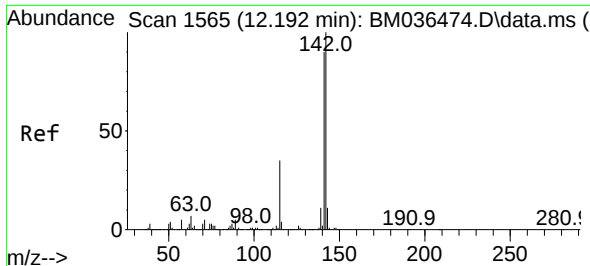
Tgt Ion:113 Resp: 93837
Ion Ratio Lower Upper
113 100
55 177.5 150.2 225.4
56 128.6 102.1 153.1



#35
4-Chloro-3-methylphenol
Concen: 23.217 ng/ul
RT: 11.833 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:107 Resp: 315924
Ion Ratio Lower Upper
107 100
144 26.6 20.3 30.5
142 81.5 64.4 96.6

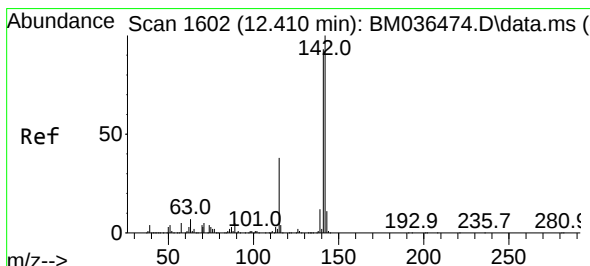
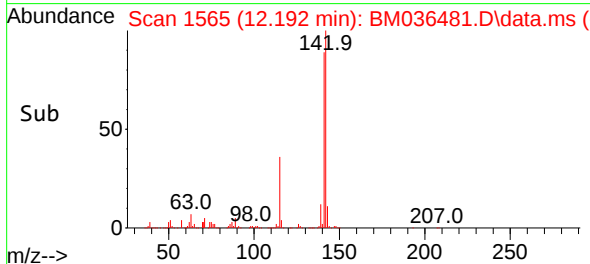
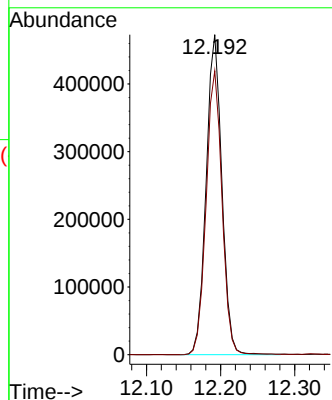
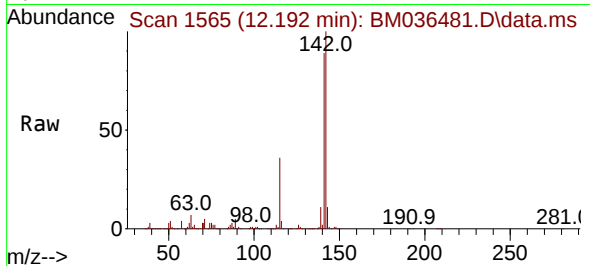




#36
2-Methylnaphthalene
Concen: 22.056 ng/ul
RT: 12.192 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

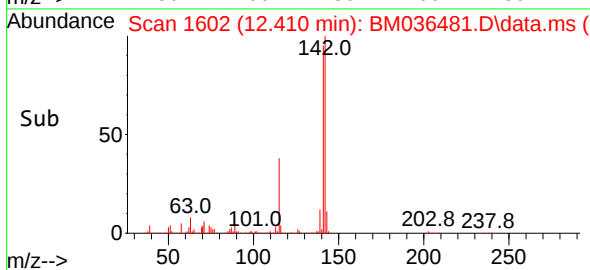
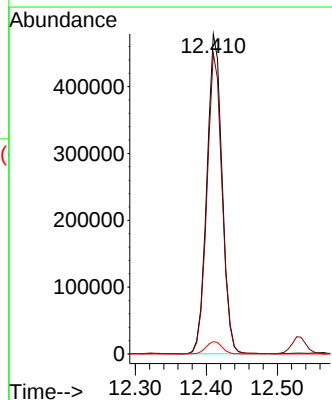
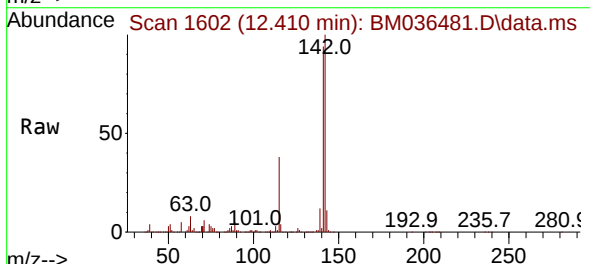
Instrument :
BNA_M
ClientSampleId :
SSTD020165

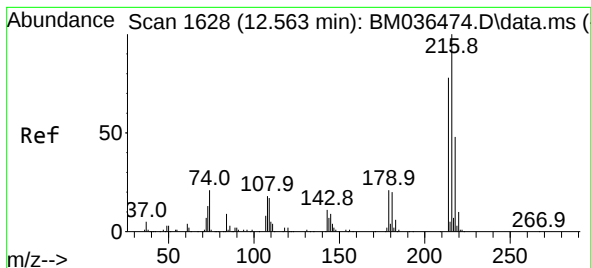
Tgt Ion:142 Resp: 695280
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1



#37
1-Methylnaphthalene
Concen: 22.398 ng/ul
RT: 12.410 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:142 Resp: 711058
Ion Ratio Lower Upper
142 100
141 93.9 75.2 112.8
116 3.9 2.6 3.8#

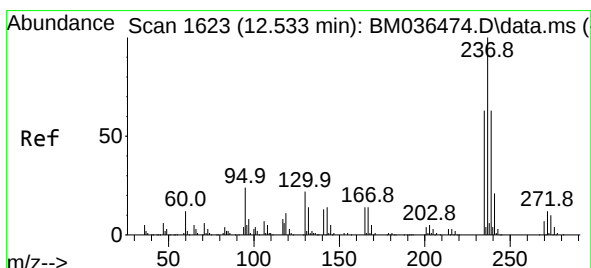
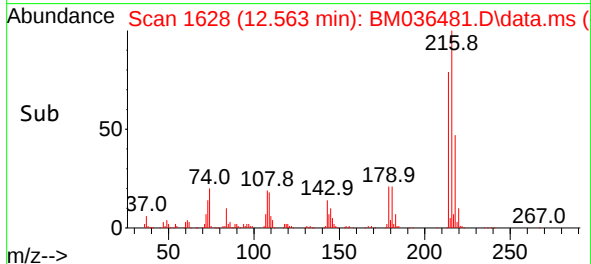
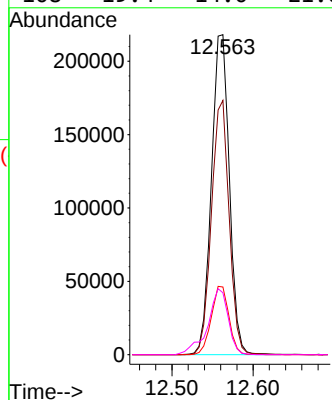
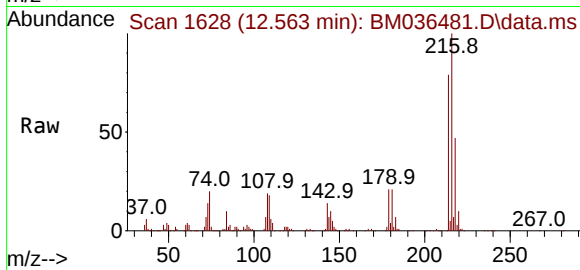




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 17.007 ng/ul
 RT: 12.563 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BM036481.D
 Acq: 01 Sep 2022 20:01

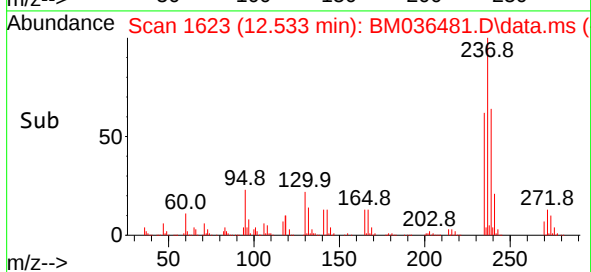
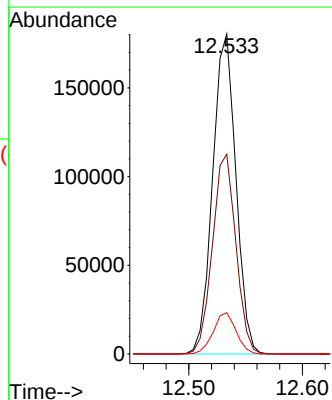
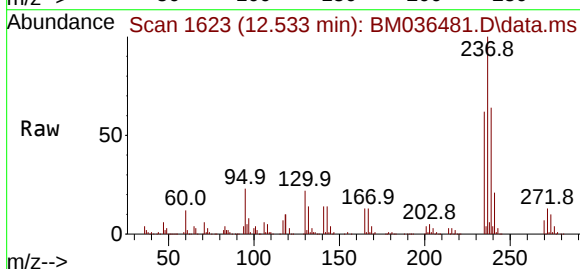
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020165

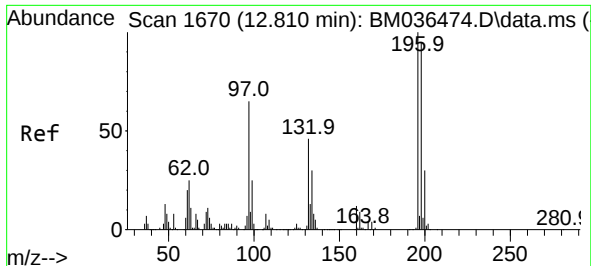
Tgt Ion:	216	Resp:	334469
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.4	93.6
179	21.2	17.3	25.9
108	19.4	14.0	21.0



#40
 Hexachlorocyclopentadiene
 Concen: 21.975 ng/ul
 RT: 12.533 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BM036481.D
 Acq: 01 Sep 2022 20:01

Tgt Ion:	237	Resp:	256389
Ion	Ratio	Lower	Upper
237	100		
235	62.5	48.4	72.6
272	13.5	11.6	17.4

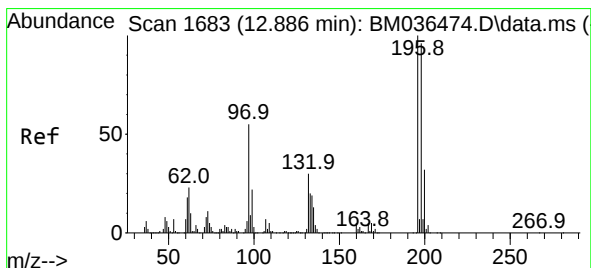
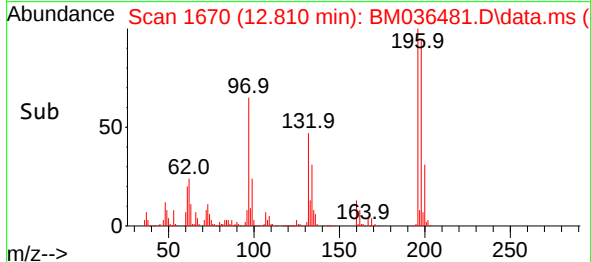
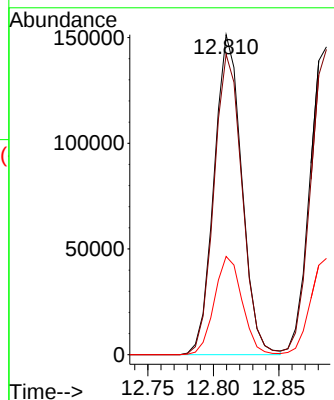
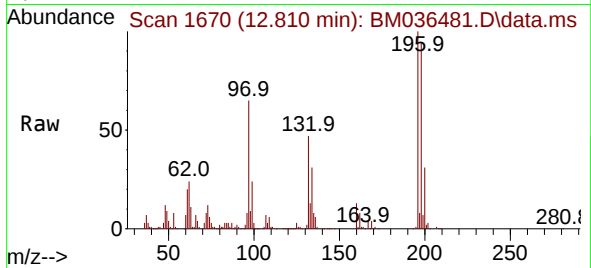




#41
2,4,6-Trichlorophenol
Concen: 17.972 ng/ul
RT: 12.810 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

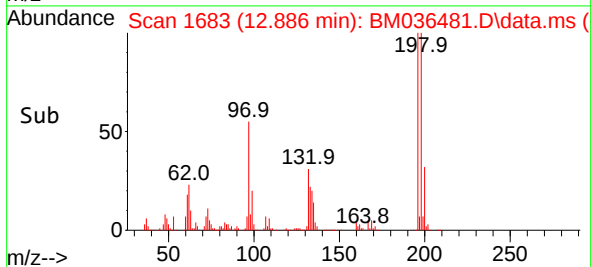
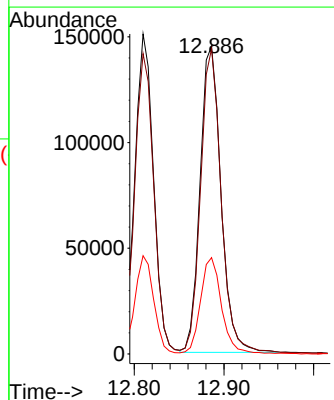
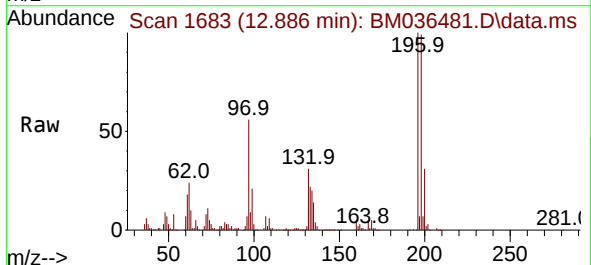
Instrument :
BNA_M
ClientSampleId :
SSTD020165

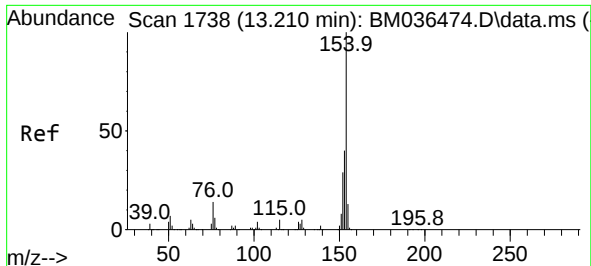
Tgt Ion:196 Resp: 222405
Ion Ratio Lower Upper
196 100
198 93.9 77.8 116.6
200 30.7 25.0 37.6



#42
2,4,5-Trichlorophenol
Concen: 17.847 ng/ul
RT: 12.886 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:196 Resp: 234278
Ion Ratio Lower Upper
196 100
198 99.2 76.8 115.2
200 31.3 24.9 37.3

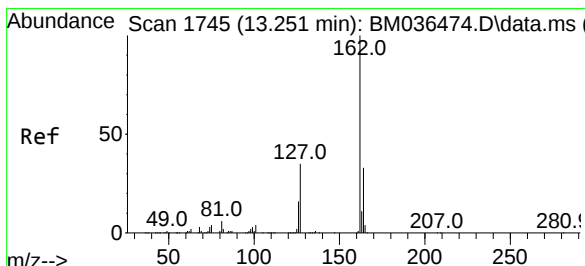
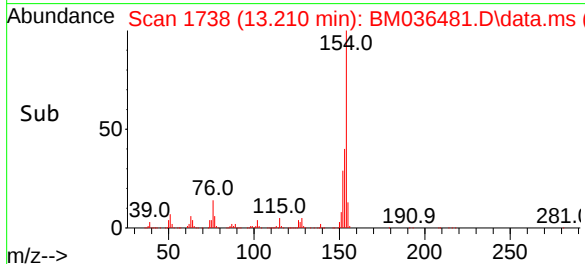
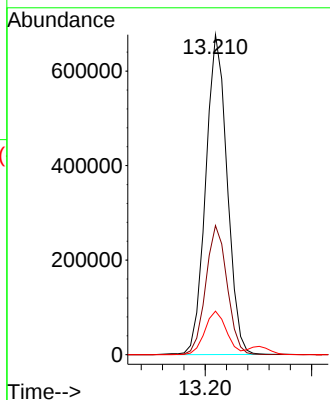
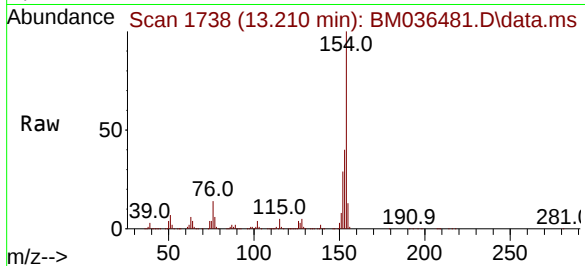




#43
1,1'-Biphenyl
Concen: 17.610 ng/ul
RT: 13.210 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

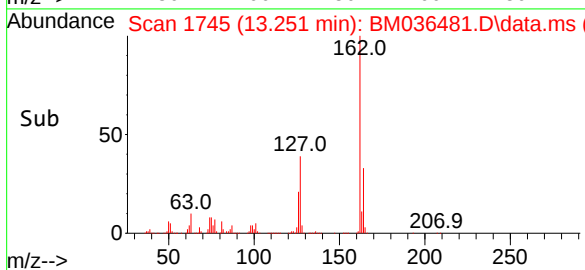
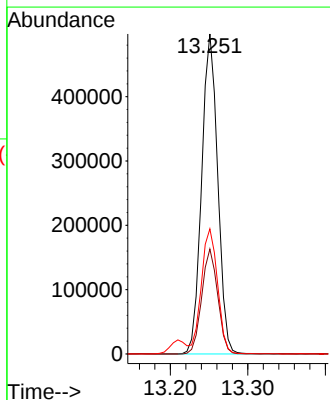
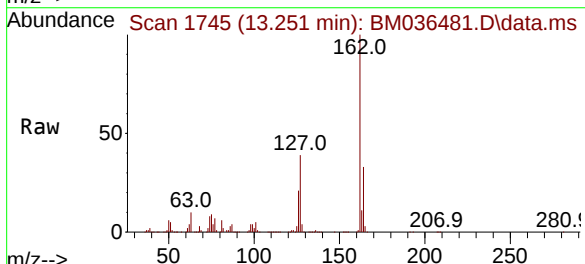
Instrument :
BNA_M
ClientSampleId :
SSTD020165

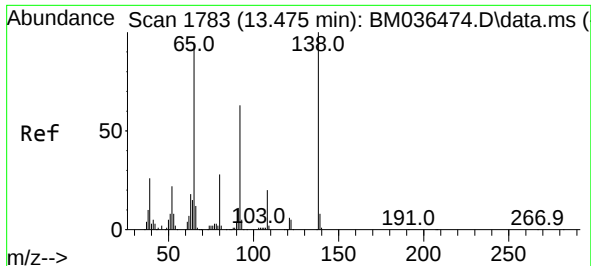
Tgt Ion:154 Resp: 942413
Ion Ratio Lower Upper
154 100
153 40.4 32.4 48.6
76 13.6 10.1 15.1



#44
2-Chloronaphthalene
Concen: 17.437 ng/ul
RT: 13.251 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:162 Resp: 716027
Ion Ratio Lower Upper
162 100
164 32.8 25.4 38.0
127 39.1 31.6 47.4

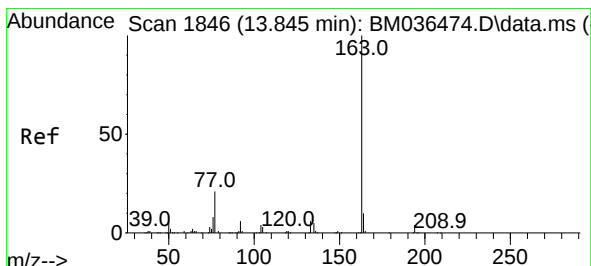
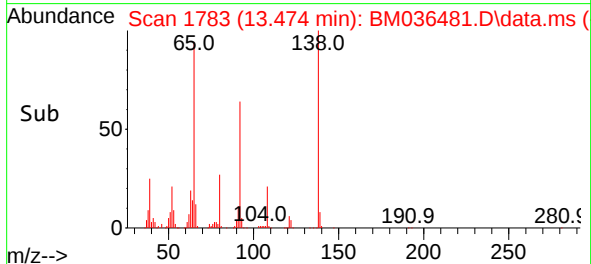
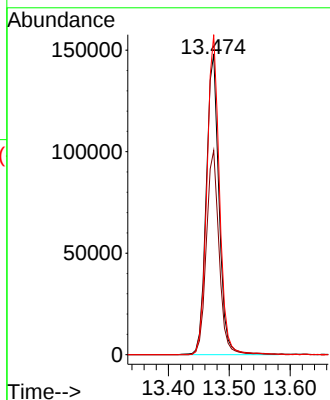
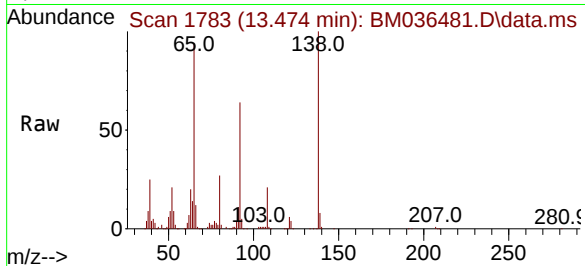




#45
2-Nitroaniline
Concen: 19.419 ng/ul
RT: 13.474 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

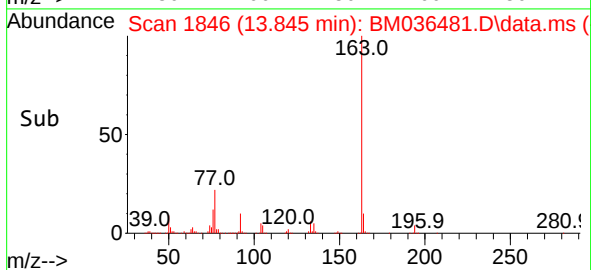
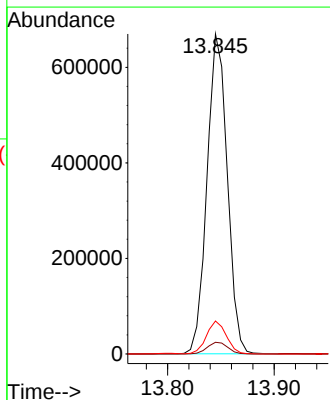
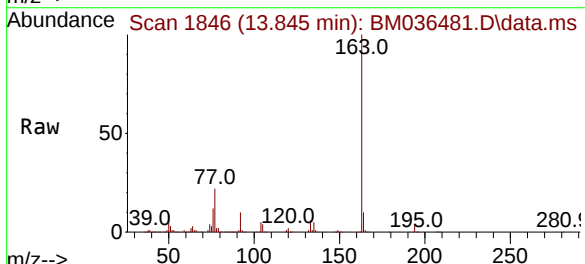
Instrument :
BNA_M
ClientSampleId :
SSTD020165

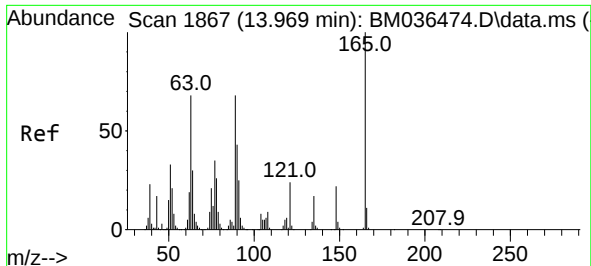
Tgt Ion: 65 Resp: 215939
Ion Ratio Lower Upper
65 100
92 67.9 54.5 81.7
138 106.4 91.2 136.8



#47
Dimethylphthalate
Concen: 19.068 ng/ul
RT: 13.845 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:163 Resp: 883531
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.3 7.9 11.9

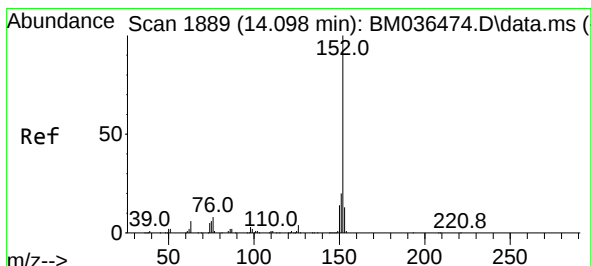
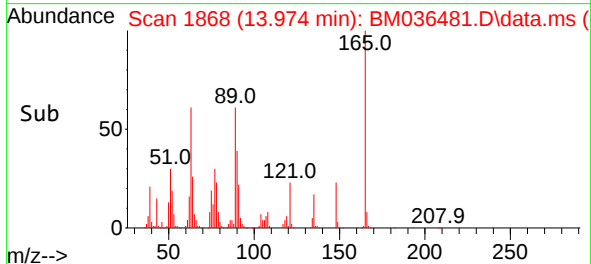
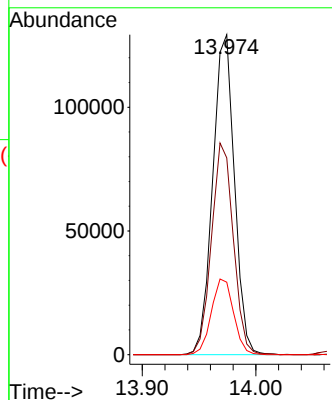
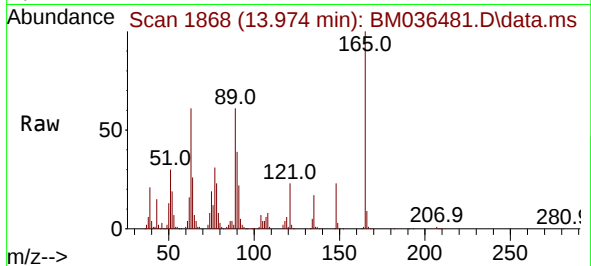




#48
2,6-Dinitrotoluene
Concen: 19.680 ng/ul
RT: 13.974 min Scan# 1868
Delta R.T. 0.006 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

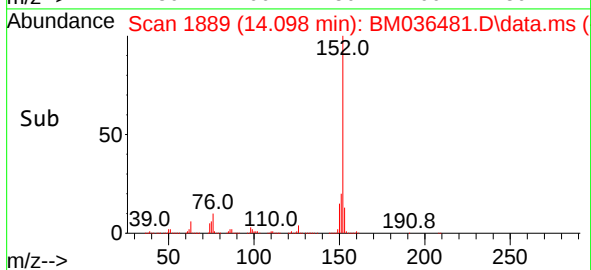
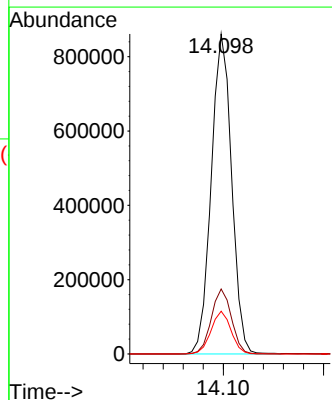
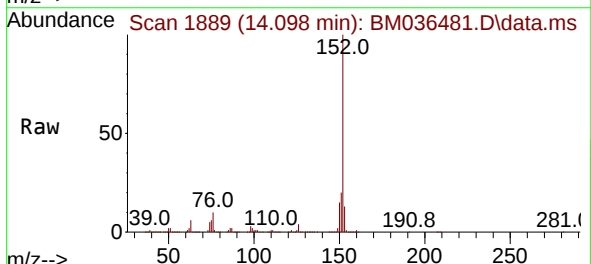
Instrument :
BNA_M
ClientSampleId :
SSTD020165

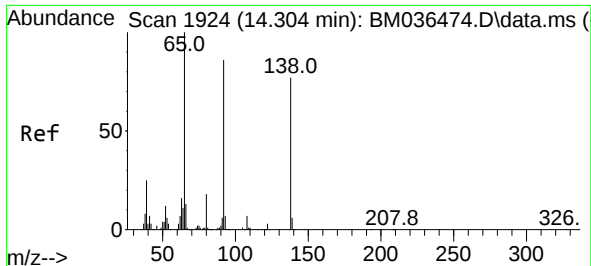
Tgt Ion:165 Resp: 172049
Ion Ratio Lower Upper
165 100
89 61.5 42.5 63.7
121 22.7 17.2 25.8



#50
Acenaphthylene
Concen: 18.385 ng/ul
RT: 14.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:152 Resp: 1217262
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.3 10.6 15.8

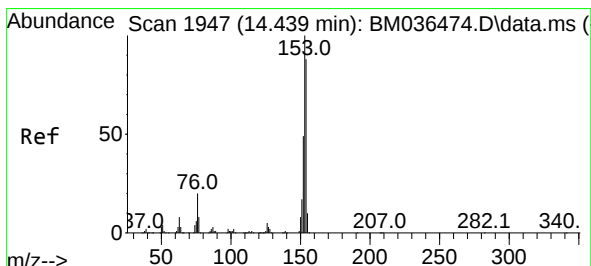
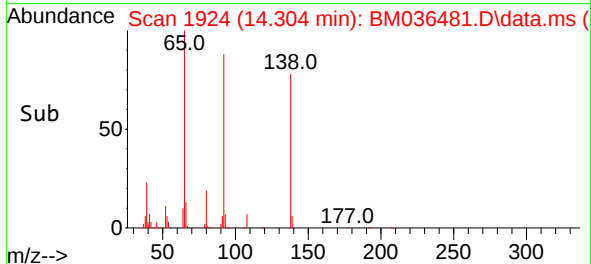
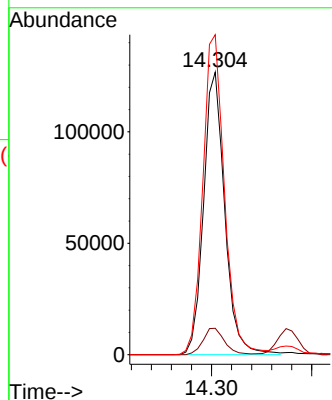
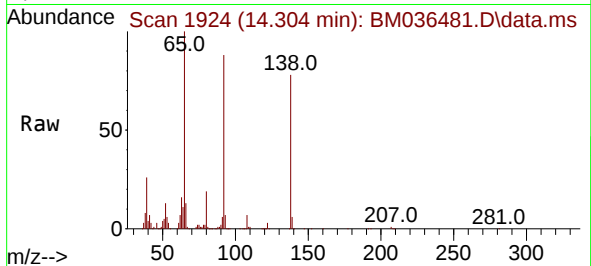




#51
3-Nitroaniline
Concen: 19.495 ng/ul
RT: 14.304 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

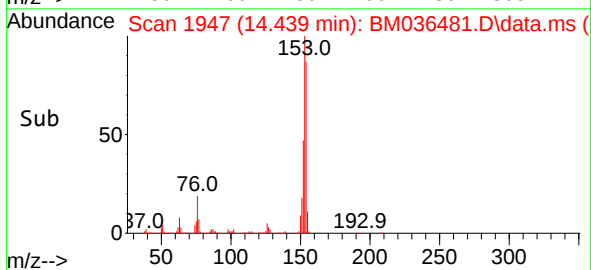
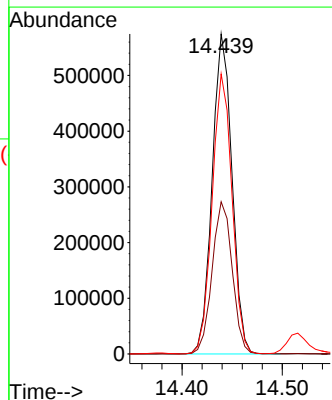
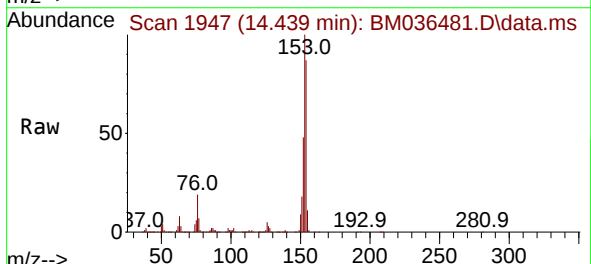
Instrument :
BNA_M
ClientSampleId :
SSTD020165

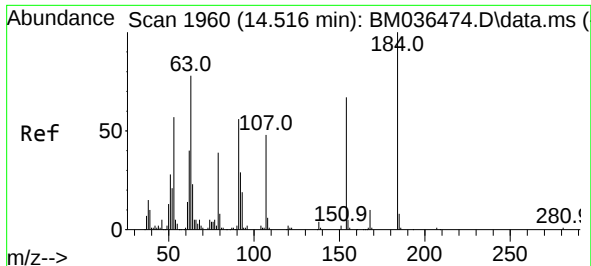
Tgt Ion:138 Resp: 186393
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 113.2 90.4 135.6



#52
Acenaphthene
Concen: 18.281 ng/ul
RT: 14.439 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:153 Resp: 788908
Ion Ratio Lower Upper
153 100
152 47.5 37.1 55.7
154 87.5 71.3 106.9





#53

2,4-Dinitrophenol

Concen: 18.960 ng/ul

RT: 14.515 min Scan# 1960

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

Instrument :

BNA_M

ClientSampleId :

SSTD020165

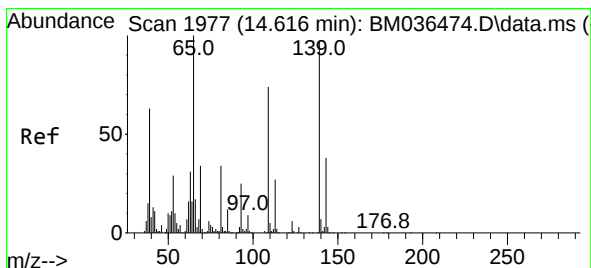
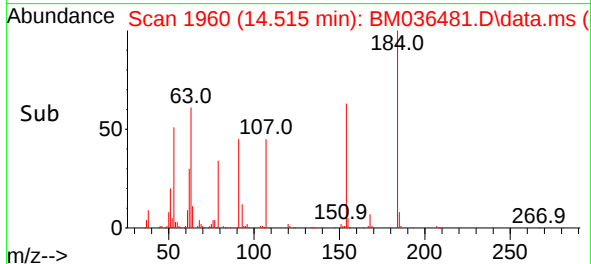
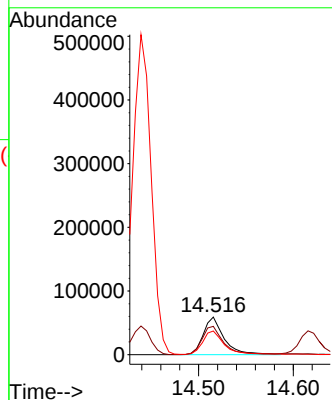
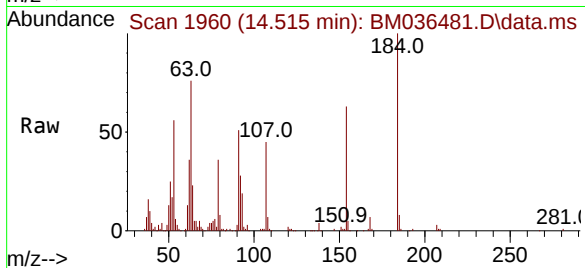
Tgt Ion:184 Resp: 90335

Ion Ratio Lower Upper

184 100

63 75.6 54.2 81.4

154 63.3 49.3 73.9



#55

4-Nitrophenol

Concen: 19.916 ng/ul

RT: 14.615 min Scan# 1977

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

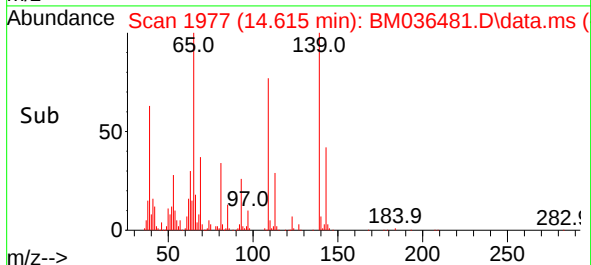
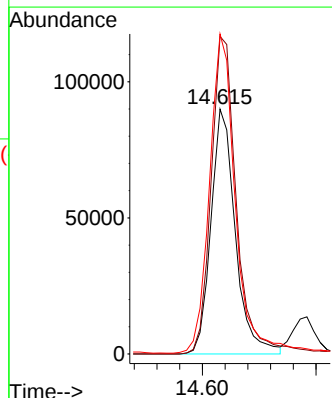
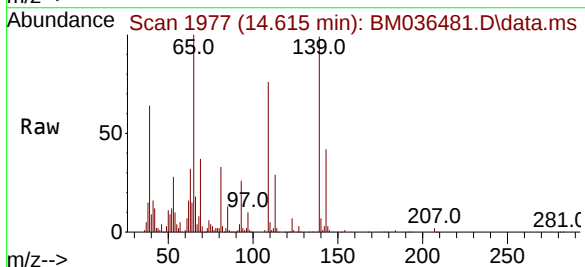
Tgt Ion:109 Resp: 134214

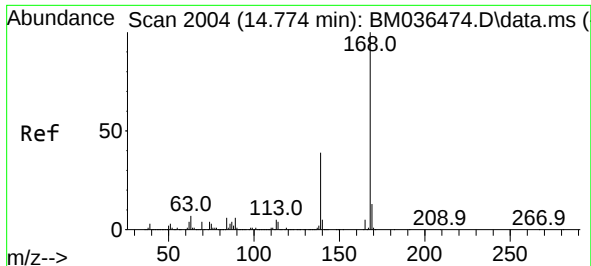
Ion Ratio Lower Upper

109 100

139 129.8 124.9 187.3

65 130.8 122.2 183.4

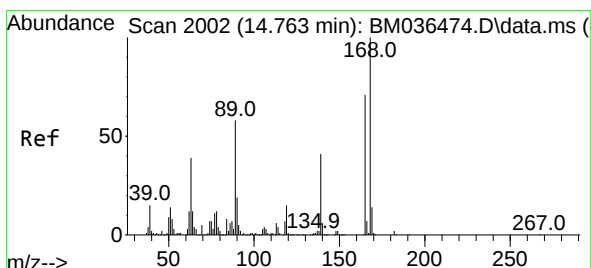
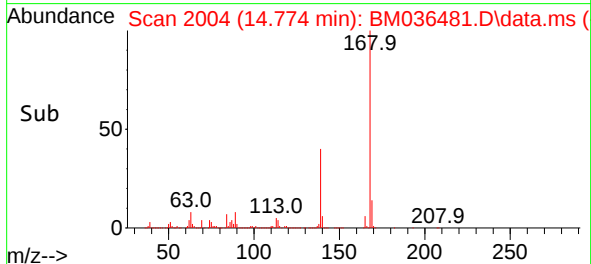
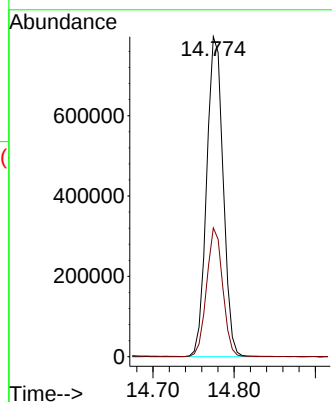
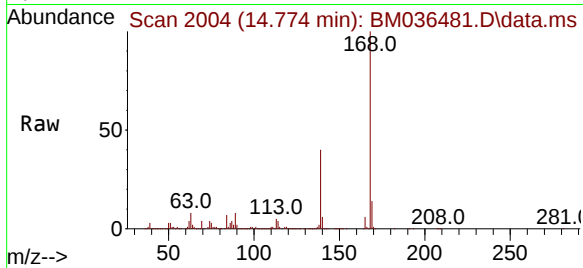




#56
Dibenzenofuran
Concen: 18.711 ng/ul
RT: 14.774 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

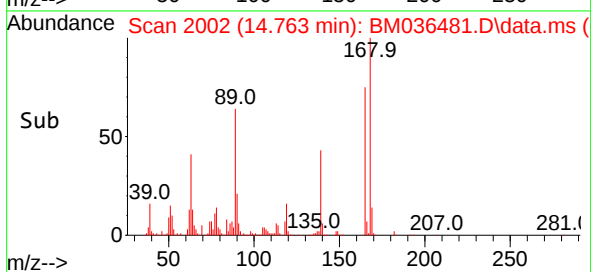
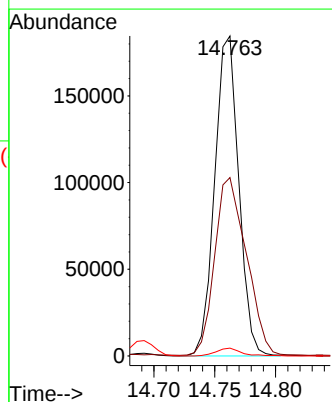
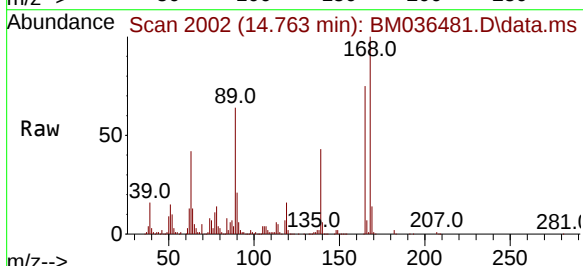
Instrument :
BNA_M
ClientSampleId :
SSTD020165

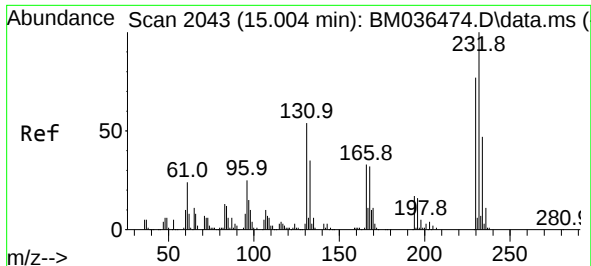
Tgt Ion:168 Resp: 1120355
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1



#57
2,4-Dinitrotoluene
Concen: 20.466 ng/ul
RT: 14.763 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:165 Resp: 253755
Ion Ratio Lower Upper
165 100
63 55.8 35.9 53.9#
182 2.4 2.5 3.7#

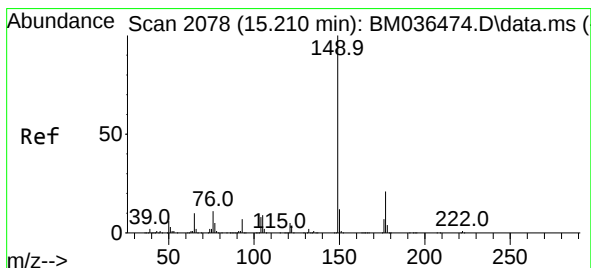
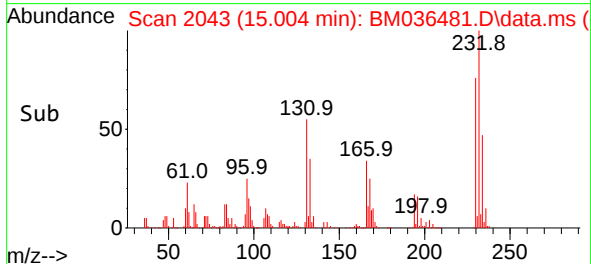
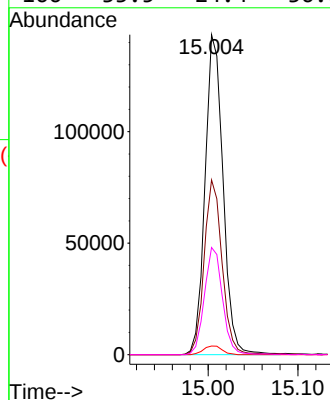
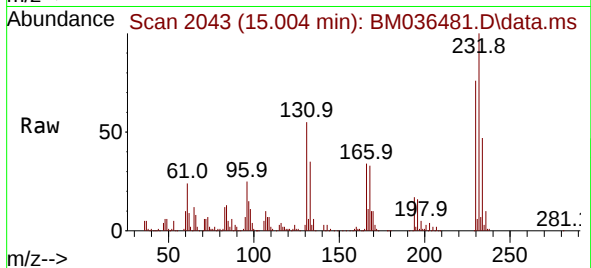




#58
2,3,4,6-Tetrachlorophenol
Concen: 20.084 ng/ul
RT: 15.004 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

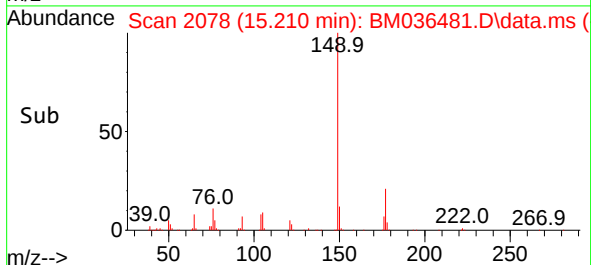
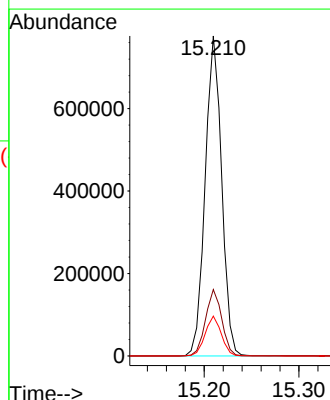
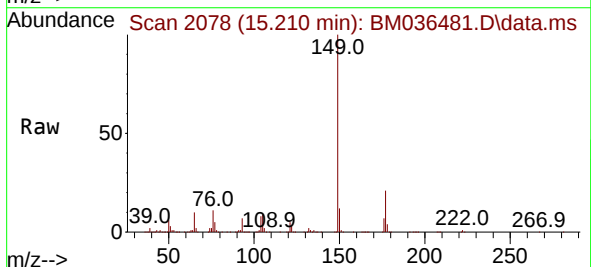
Instrument :
BNA_M
ClientSampleId :
SSTD020165

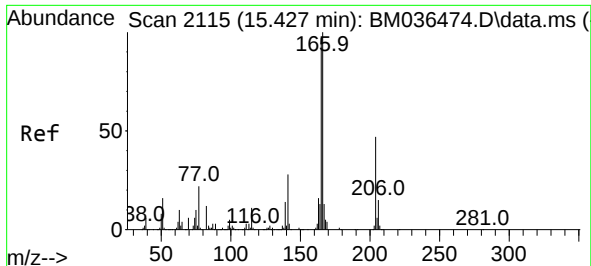
Tgt Ion:232 Resp: 200167
Ion Ratio Lower Upper
232 100
131 54.6 36.7 55.1
130 2.7 1.7 2.5#
166 33.5 24.4 36.6



#59
Diethylphthalate
Concen: 20.488 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:149 Resp: 935811
Ion Ratio Lower Upper
149 100
177 20.7 16.8 25.2
150 12.5 10.2 15.4

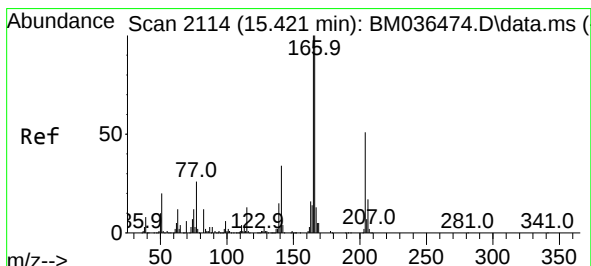
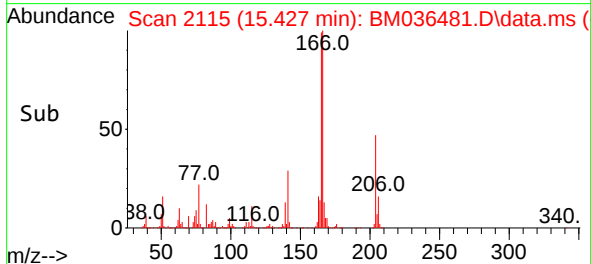
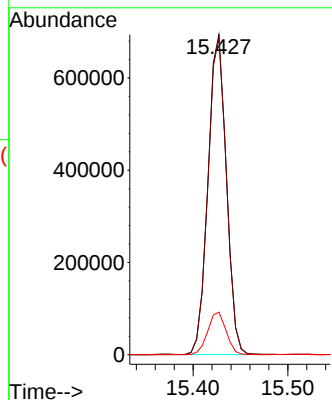
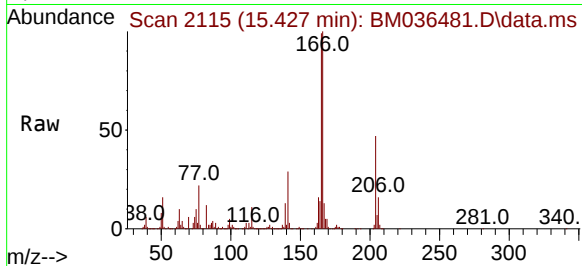




#61
 Fluorene
 Concen: 19.609 ng/ul
 RT: 15.427 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: BM036481.D
 Acq: 01 Sep 2022 20:01

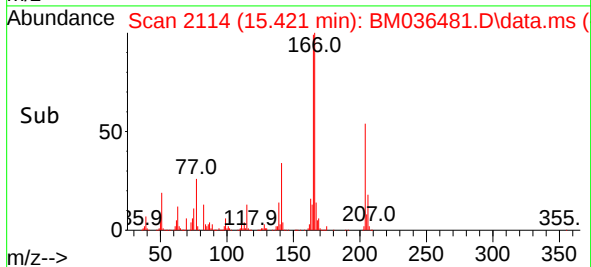
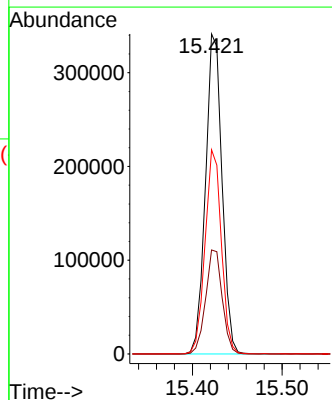
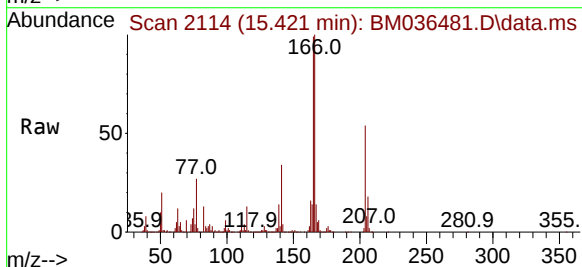
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020165

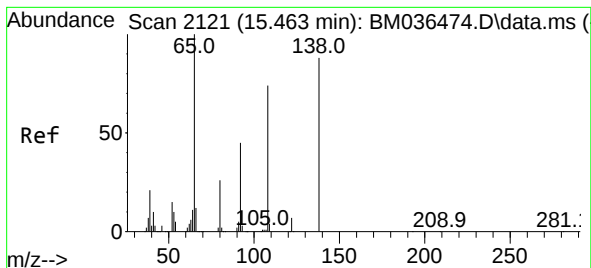
Tgt Ion:166 Resp: 931300
 Ion Ratio Lower Upper
 166 100
 165 99.0 77.2 115.8
 167 13.3 11.0 16.4



#62
 4-Chlorophenyl-phenylether
 Concen: 19.649 ng/ul
 RT: 15.421 min Scan# 2114
 Delta R.T. -0.000 min
 Lab File: BM036481.D
 Acq: 01 Sep 2022 20:01

Tgt Ion:204 Resp: 435919
 Ion Ratio Lower Upper
 204 100
 206 32.5 25.9 38.9
 141 63.8 50.6 75.8

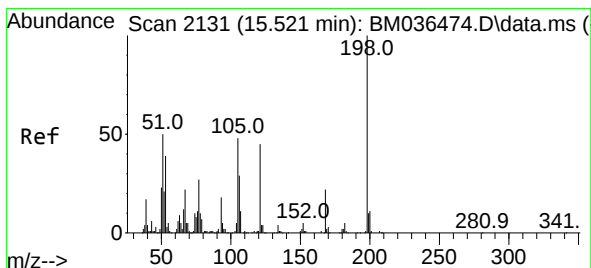
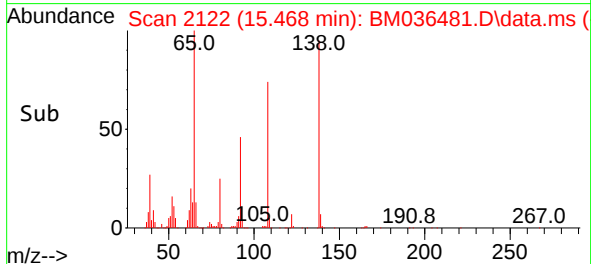
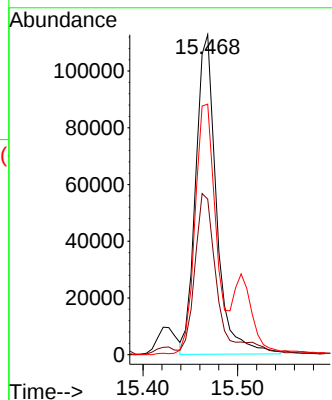
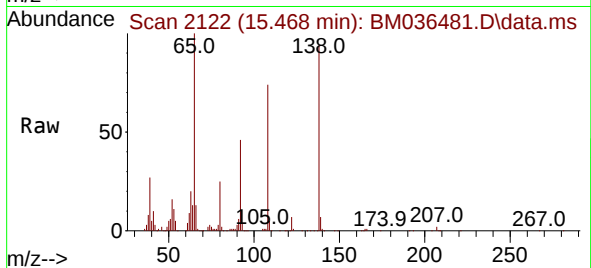




#63
4-Nitroaniline
Concen: 19.222 ng/ul
RT: 15.468 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

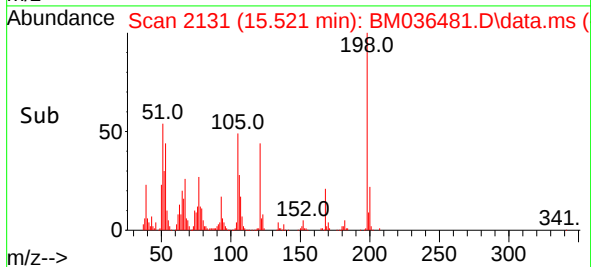
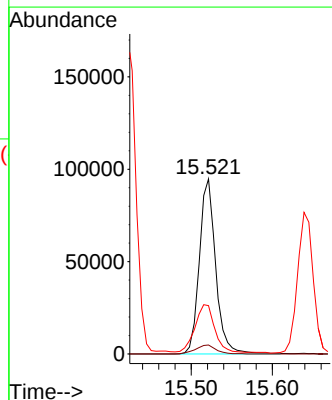
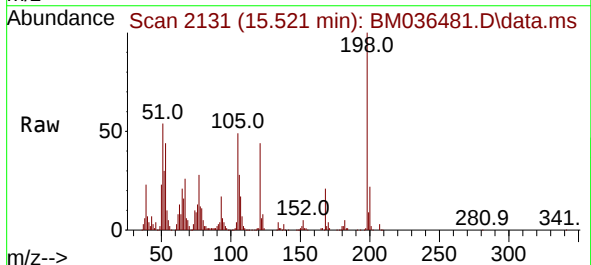
Instrument :
BNA_M
ClientSampleId :
SSTD020165

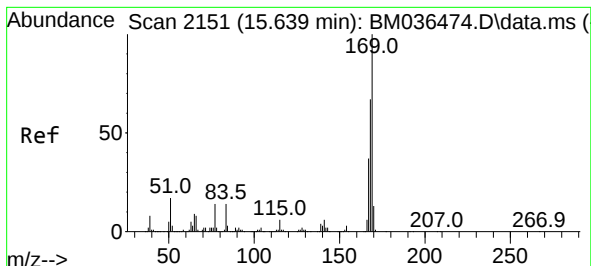
Tgt Ion:138 Resp: 171434
Ion Ratio Lower Upper
138 100
92 48.6 39.2 58.8
108 78.3 51.6 77.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 16.738 ng/ul
RT: 15.521 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:198 Resp: 132653
Ion Ratio Lower Upper
198 100
182 5.1 4.2 6.4
77 27.6 19.9 29.9





#67

N-Nitrosodiphenylamine

Concen: 17.599 ng/ul

RT: 15.645 min Scan# 2151

Delta R.T. 0.006 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

Instrument :

BNA_M

ClientSampleId :

SSTD020165

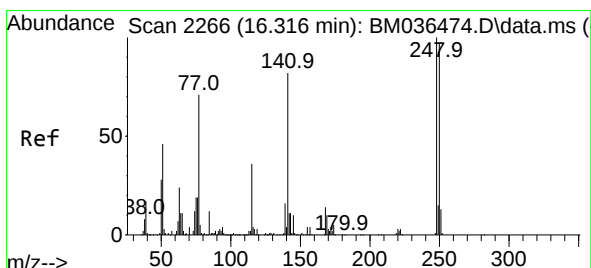
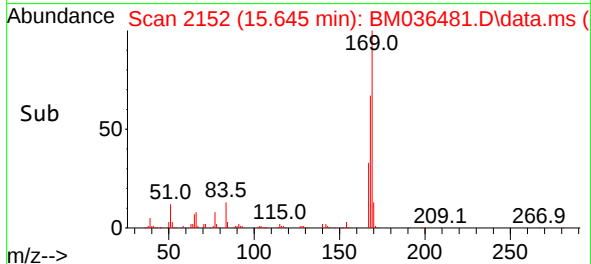
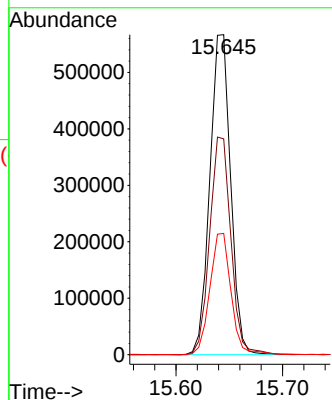
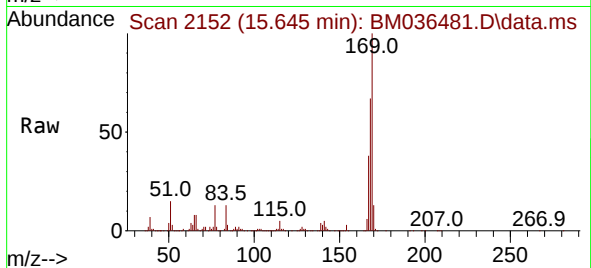
Tgt Ion:169 Resp: 767144

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

167 37.9 28.7 43.1



#68

4-Bromophenyl-phenylether

Concen: 17.694 ng/ul

RT: 16.315 min Scan# 2266

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

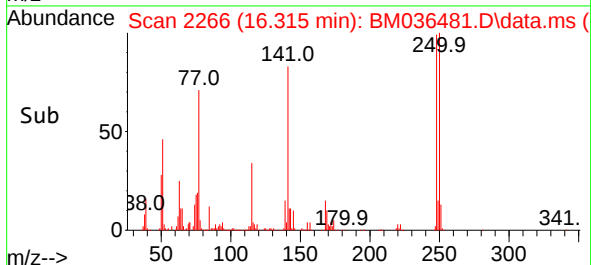
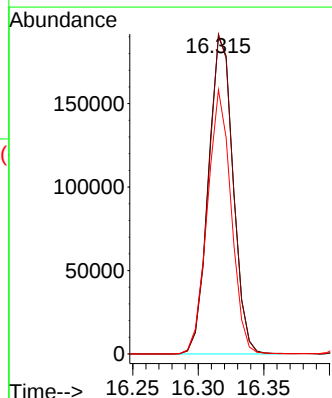
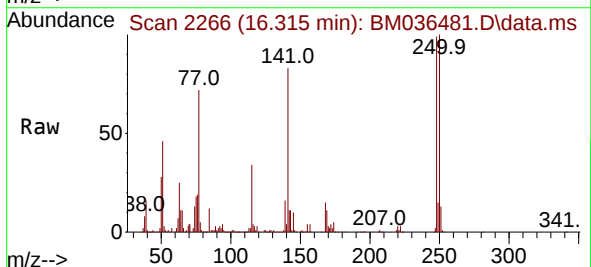
Tgt Ion:248 Resp: 249811

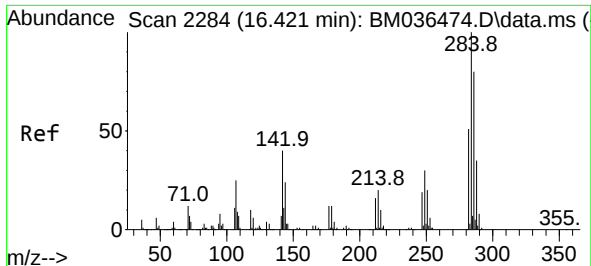
Ion Ratio Lower Upper

248 100

250 100.9 77.3 115.9

141 83.3 59.8 89.8

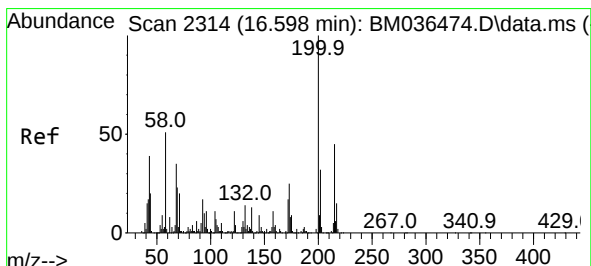
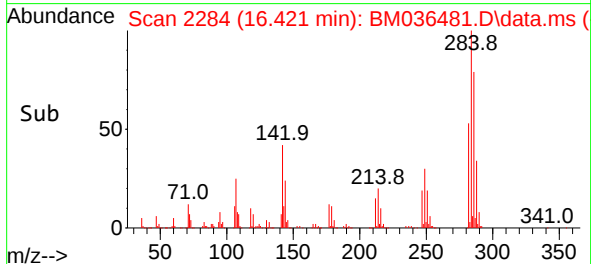
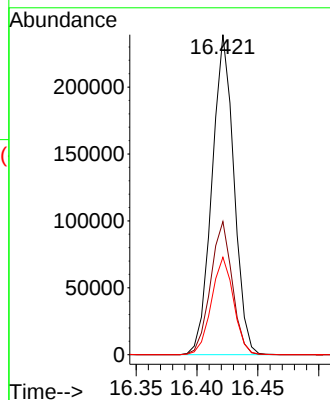
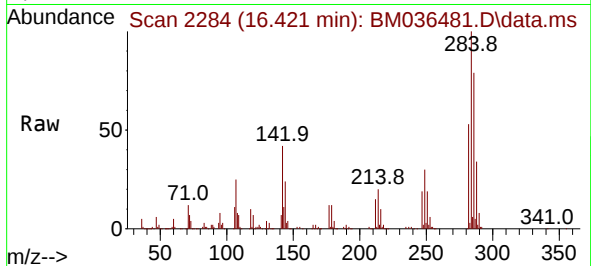




#69
Hexachlorobenzene
Concen: 17.600 ng/ul
RT: 16.421 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

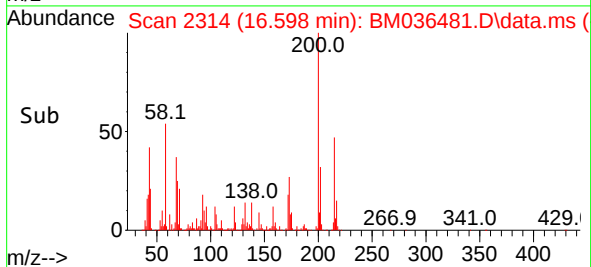
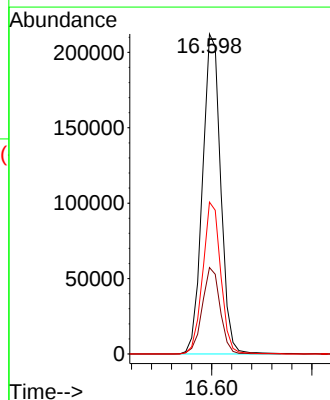
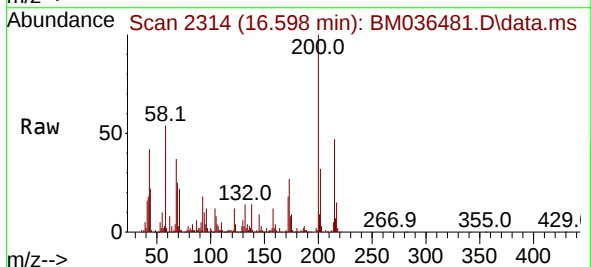
Instrument :
BNA_M
ClientSampleId :
SSTD020165

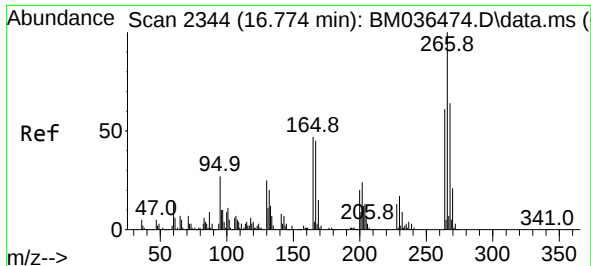
Tgt Ion:284 Resp: 301126
Ion Ratio Lower Upper
284 100
142 41.6 28.6 42.8
249 30.5 24.6 37.0



#70
Atrazine
Concen: 17.994 ng/ul
RT: 16.598 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:200 Resp: 268001
Ion Ratio Lower Upper
200 100
173 27.0 21.3 31.9
215 47.4 39.0 58.6

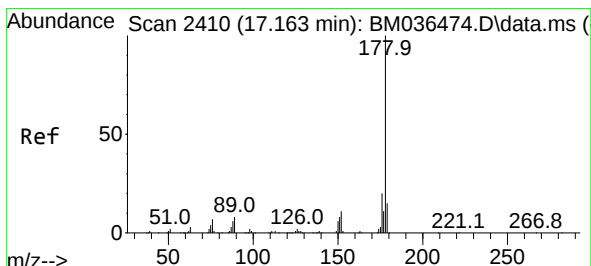
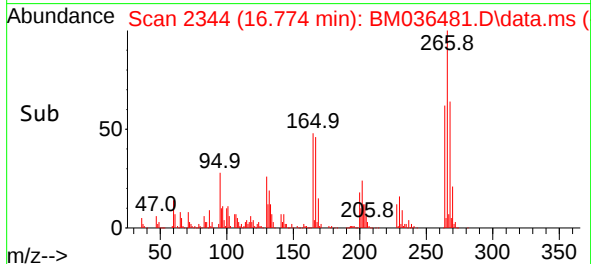
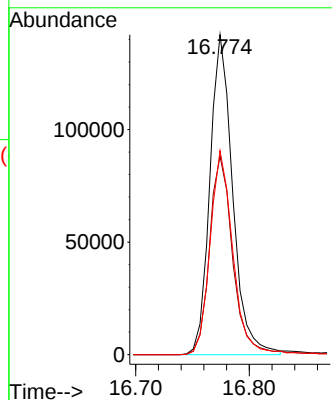
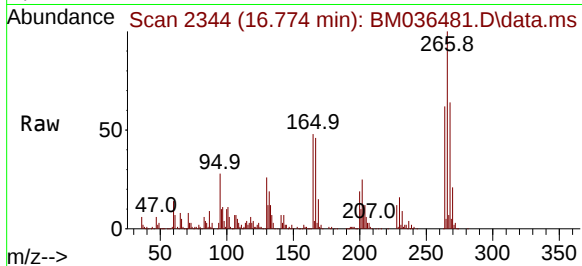




#71
 Pentachlorophenol
 Concen: 21.009 ng/ul
 RT: 16.774 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036481.D
 Acq: 01 Sep 2022 20:01

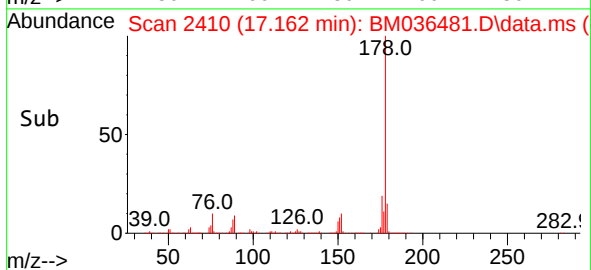
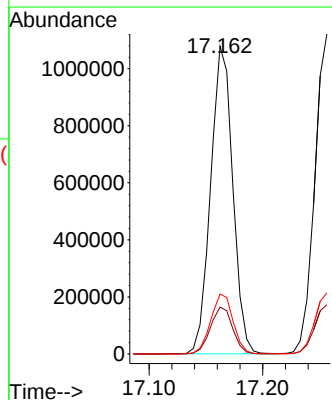
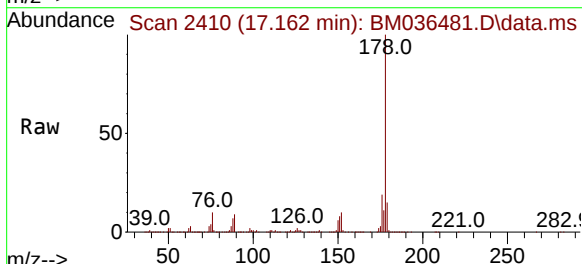
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020165

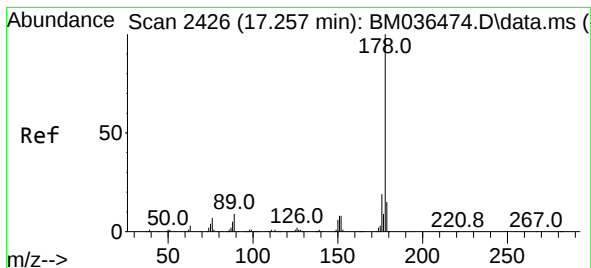
Tgt Ion:266 Resp: 198163
 Ion Ratio Lower Upper
 266 100
 264 62.0 49.5 74.3
 268 63.7 51.0 76.4



#72
 Phenanthrene
 Concen: 18.182 ng/ul
 RT: 17.162 min Scan# 2410
 Delta R.T. -0.000 min
 Lab File: BM036481.D
 Acq: 01 Sep 2022 20:01

Tgt Ion:178 Resp: 1457385
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.2 18.2
 176 19.5 14.9 22.3





#74

Anthracene

Concen: 18.668 ng/uI

RT: 17.256 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

Instrument :

BNA_M

ClientSampleId :

SSTD020165

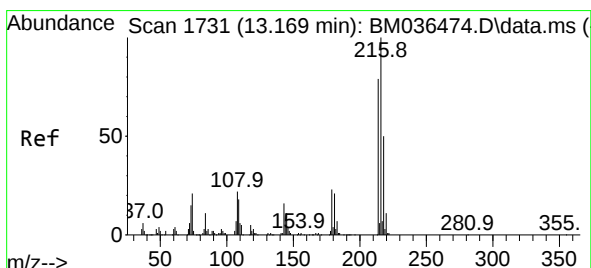
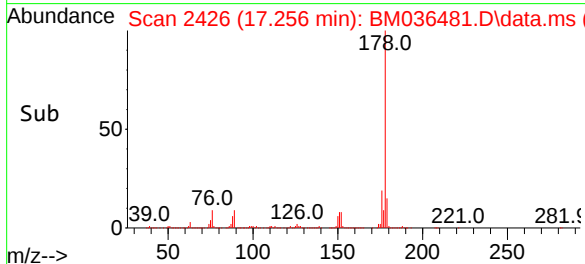
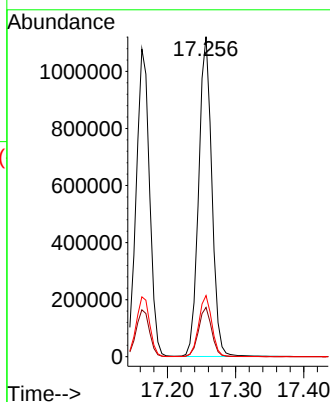
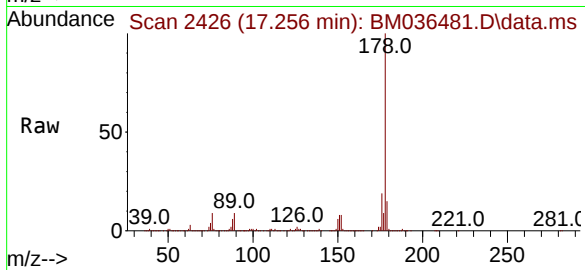
Tgt Ion:178 Resp: 1500141

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.1 14.4 21.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 15.196 ng/uI

RT: 13.169 min Scan# 1731

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

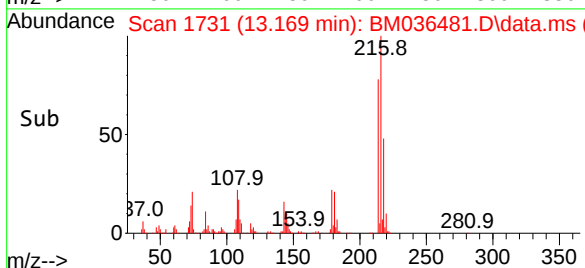
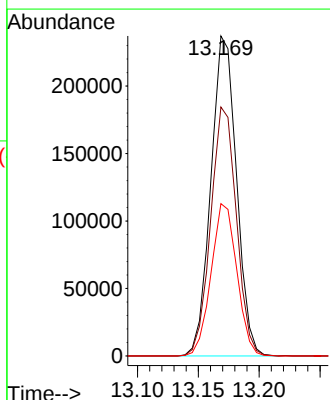
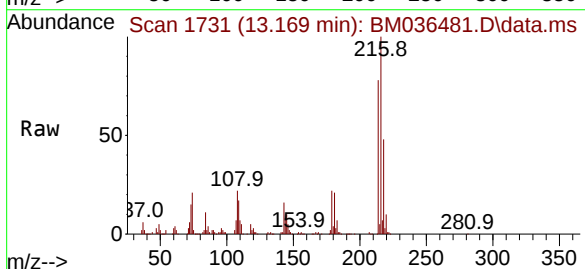
Tgt Ion:216 Resp: 347656

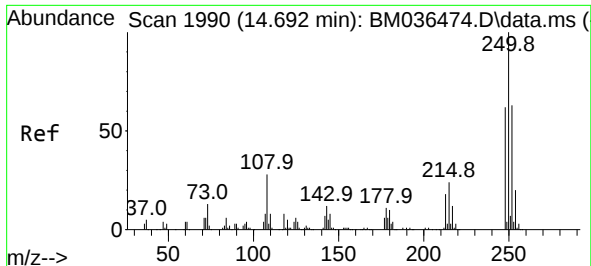
Ion Ratio Lower Upper

216 100

214 77.8 60.9 91.3

218 47.6 37.5 56.3

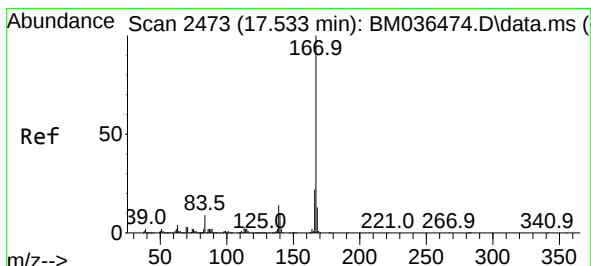
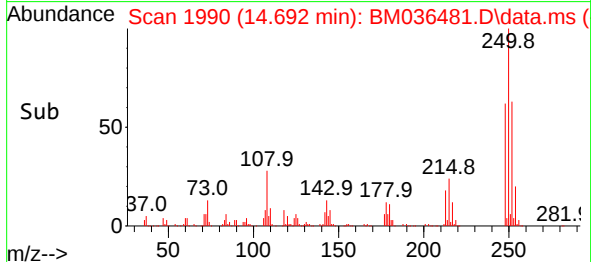
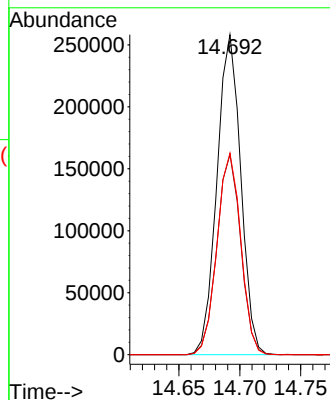
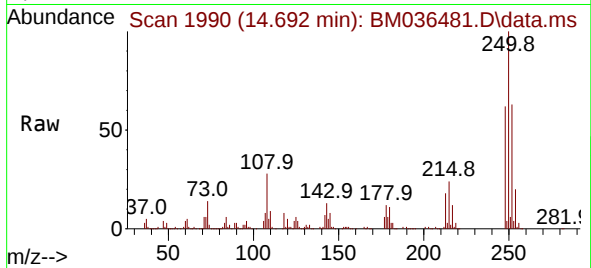




#76
Pentachlorobenzene
Concen: 16.480 ng/uL
RT: 14.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

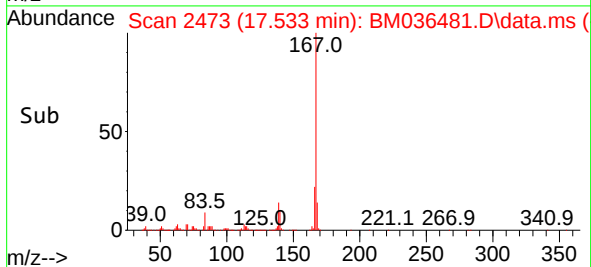
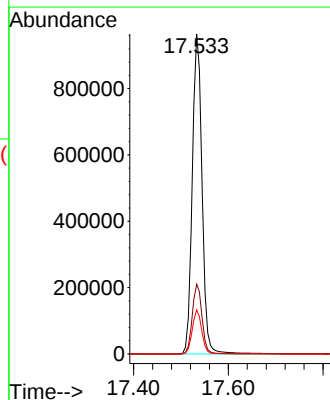
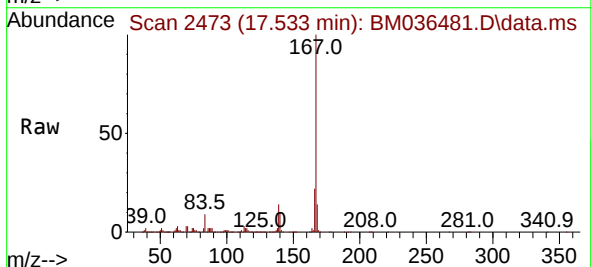
Instrument :
BNA_M
ClientSampleId :
SSTD020165

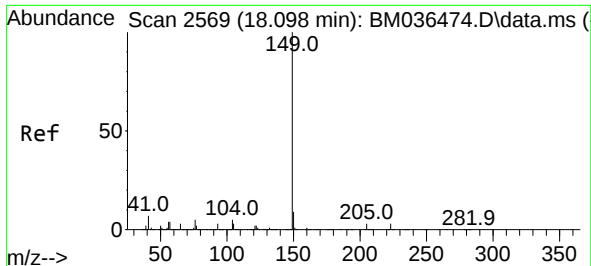
Tgt Ion:250 Resp: 352035
Ion Ratio Lower Upper
250 100
248 62.5 50.4 75.6
252 63.0 51.1 76.7



#77
Carbazole
Concen: 18.344 ng/uL
RT: 17.533 min Scan# 2473
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:167 Resp: 1380245
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 13.8 10.1 15.1

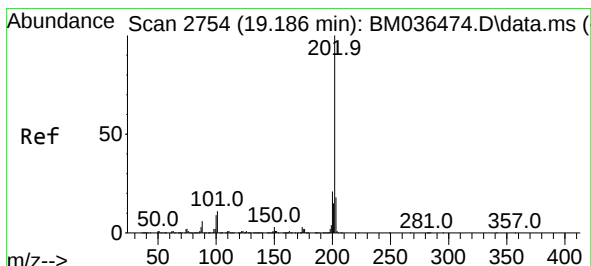
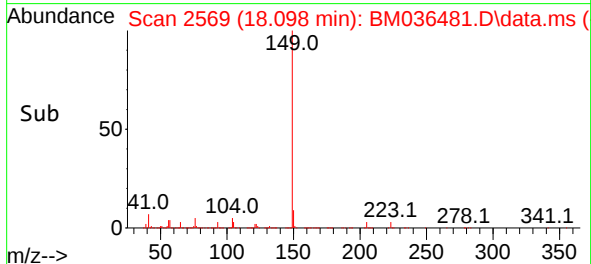
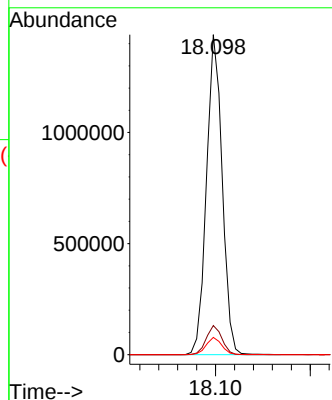
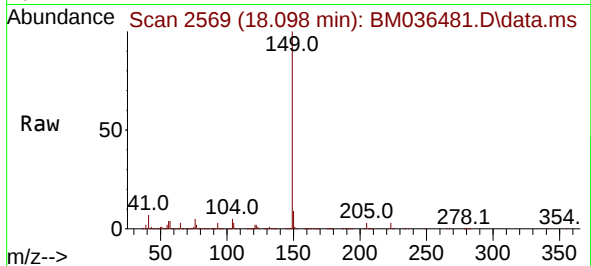




#78
Di-n-butylphthalate
Concen: 20.052 ng/ul
RT: 18.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

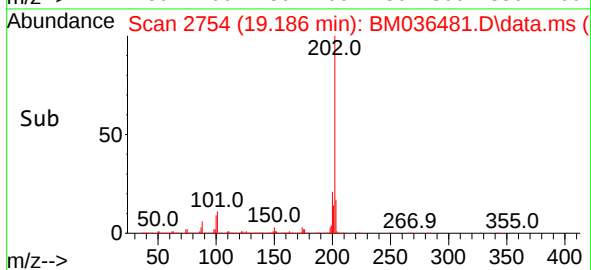
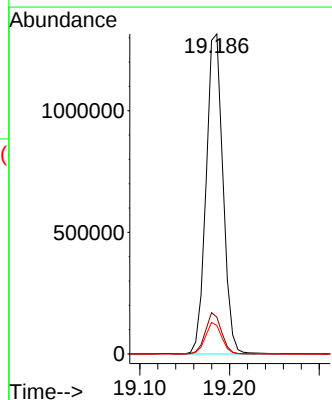
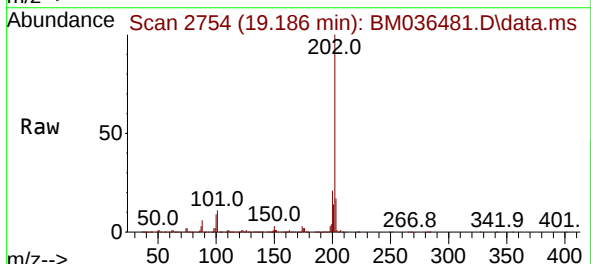
Instrument :
BNA_M
ClientSampleId :
SSTD020165

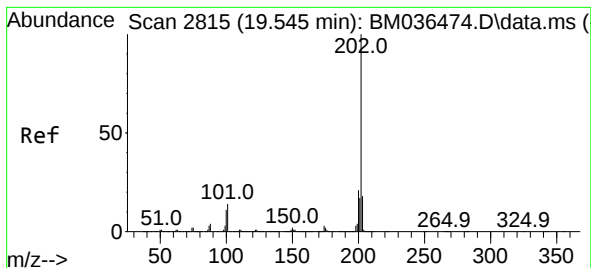
Tgt Ion:149 Resp: 1650145
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.4 3.7 5.5



#80
Fluoranthene
Concen: 17.502 ng/ul
RT: 19.186 min Scan# 2754
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:202 Resp: 1712314
Ion Ratio Lower Upper
202 100
101 11.5 10.1 15.1
100 8.9 7.8 11.6





#82

Pyrene

Concen: 17.661 ng/ul

RT: 19.545 min Scan# 2815

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

Instrument :

BNA_M

ClientSampleId :

SSTD020165

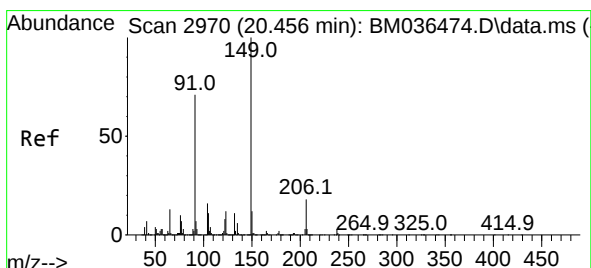
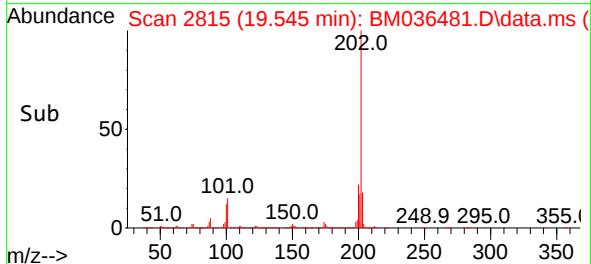
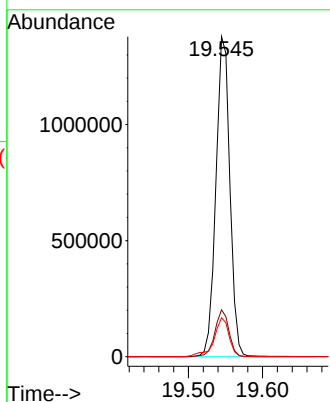
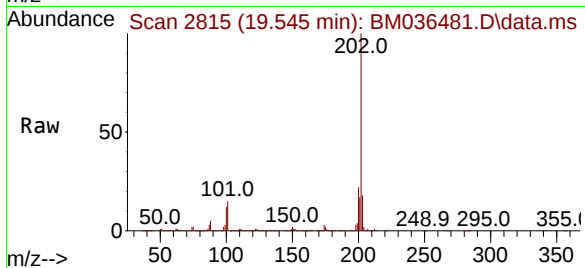
Tgt Ion:202 Resp: 1803169

Ion Ratio Lower Upper

202 100

101 14.6 11.9 17.9

100 12.1 10.2 15.4



#83

Butylbenzylphthalate

Concen: 19.148 ng/ul

RT: 20.456 min Scan# 2970

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

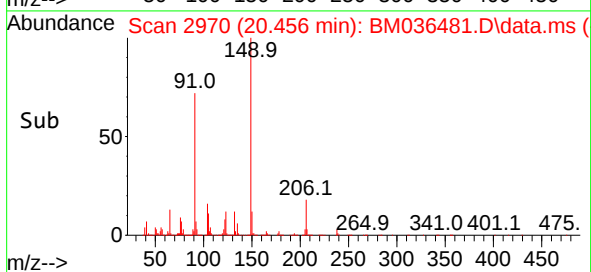
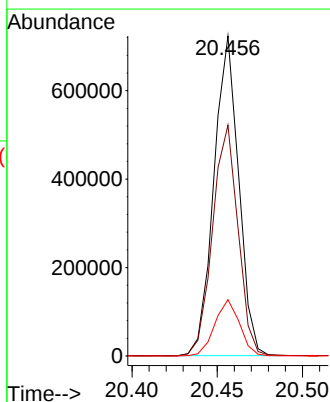
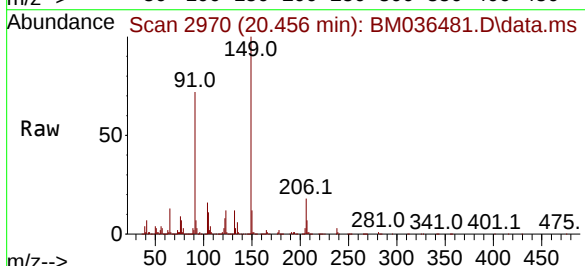
Tgt Ion:149 Resp: 731351

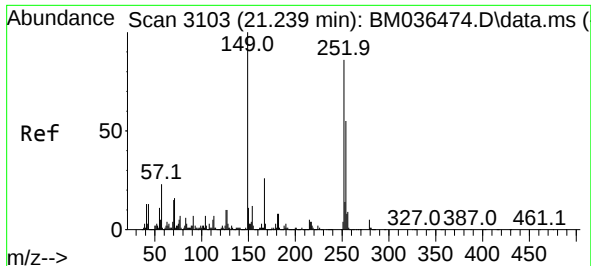
Ion Ratio Lower Upper

149 100

91 72.1 53.2 79.8

206 17.6 16.0 24.0

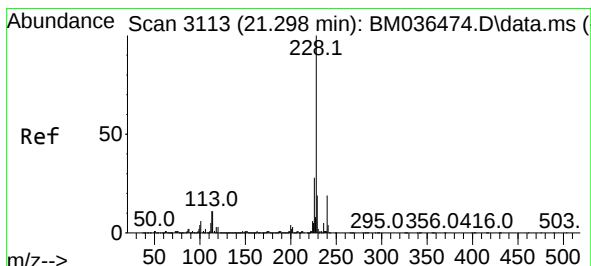
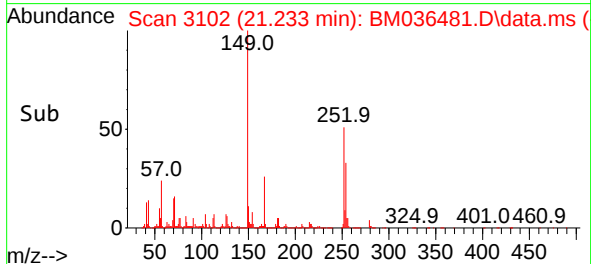
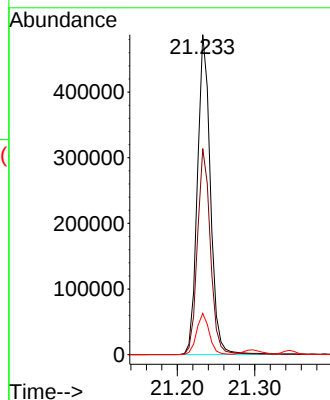
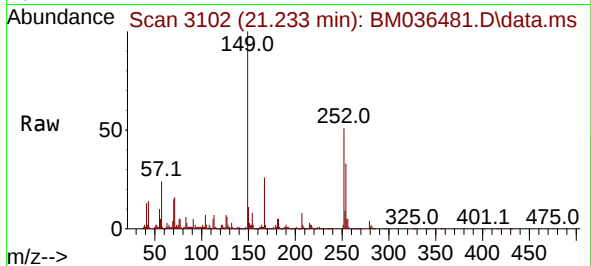




#84
3,3'-Dichlorobenzidine
Concen: 17.636 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

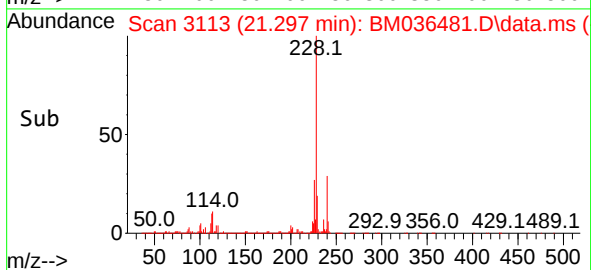
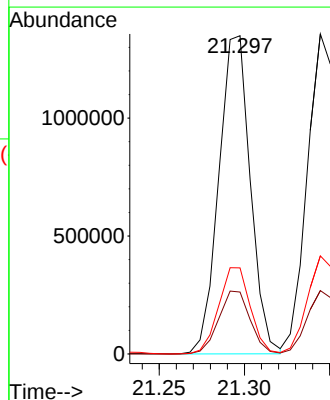
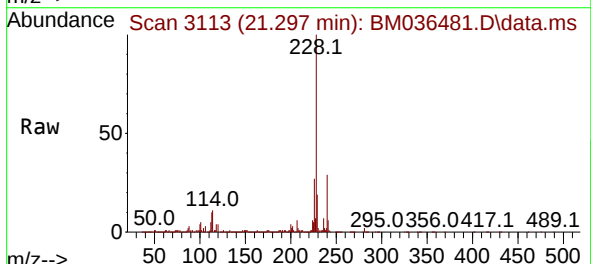
Instrument :
BNA_M
ClientSampleId :
SSTD020165

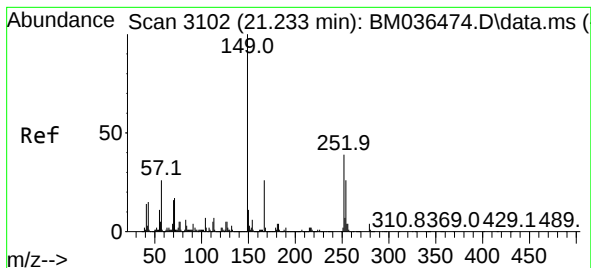
Tgt Ion:252 Resp: 566758
Ion Ratio Lower Upper
252 100
254 64.4 52.4 78.6
126 12.9 10.8 16.2



#85
Benzo(a)anthracene
Concen: 18.545 ng/ul
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:228 Resp: 1739192
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.0 21.7 32.5

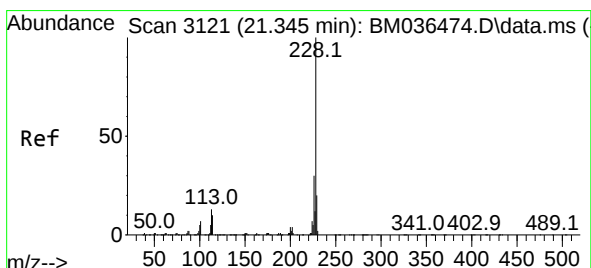
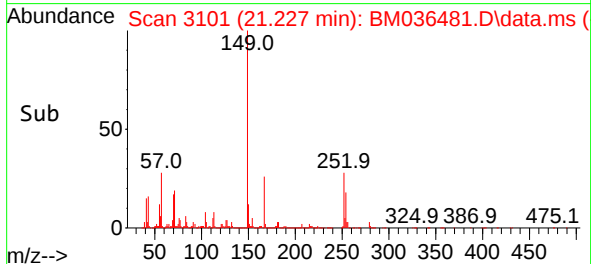
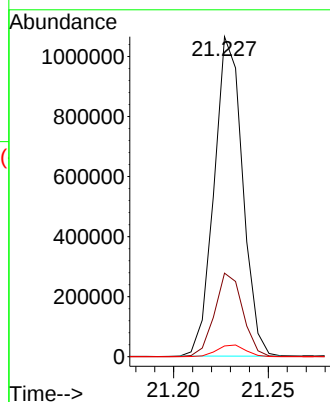
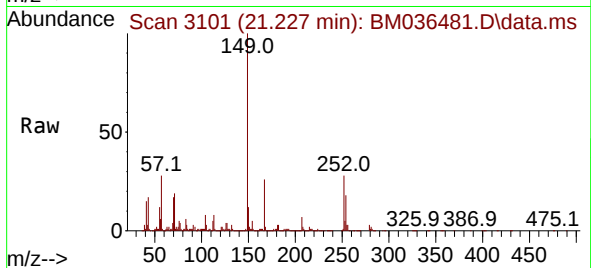




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 21.112 ng/ul
 RT: 21.227 min Scan# 3101
 Delta R.T. -0.006 min
 Lab File: BM036481.D
 Acq: 01 Sep 2022 20:01

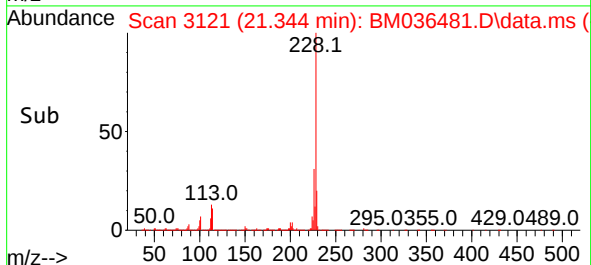
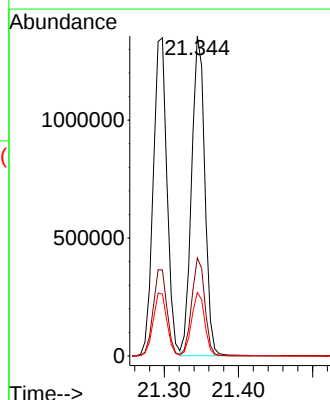
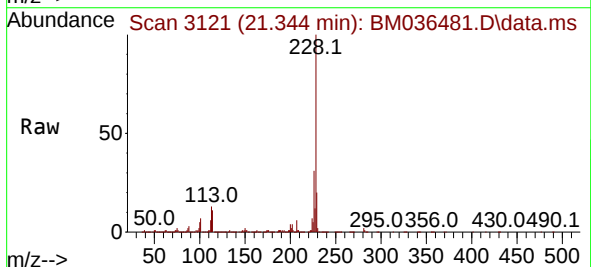
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020165

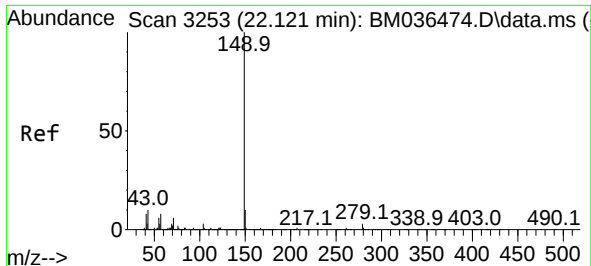
Tgt Ion:149 Resp: 1113361
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.5 32.3
 279 3.4 3.4 5.2#



#87
 Chrysene
 Concen: 18.247 ng/ul
 RT: 21.344 min Scan# 3121
 Delta R.T. -0.000 min
 Lab File: BM036481.D
 Acq: 01 Sep 2022 20:01

Tgt Ion:228 Resp: 1681425
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.7 35.5
 229 19.8 15.5 23.3

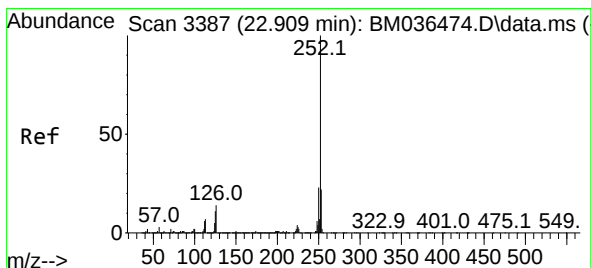
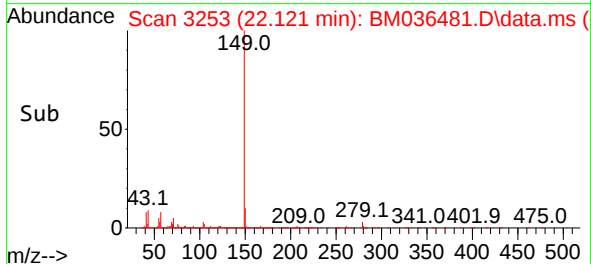
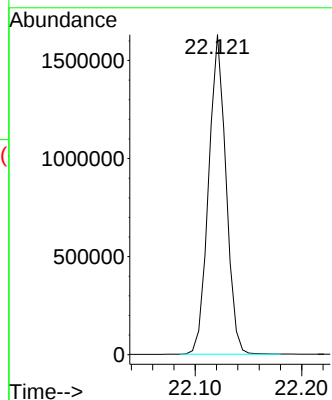
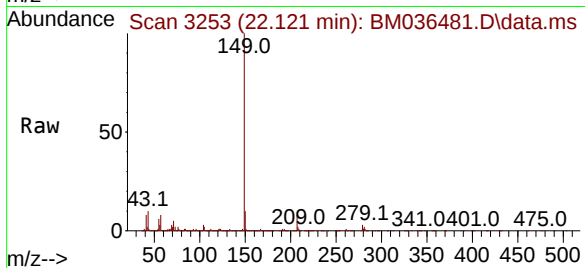




#89
Di-n-octyl phthalate
Concen: 20.804 ng/ul
RT: 22.121 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

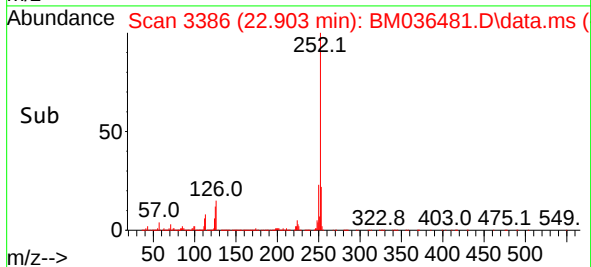
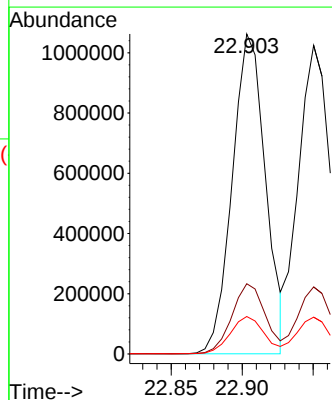
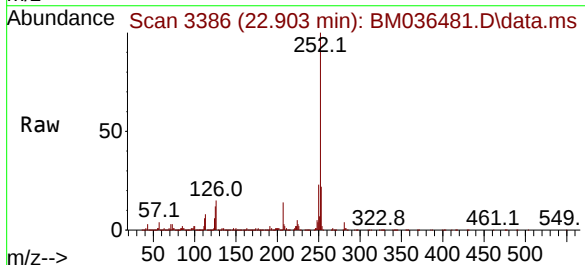
Instrument :
BNA_M
ClientSampleId :
SSTD020165

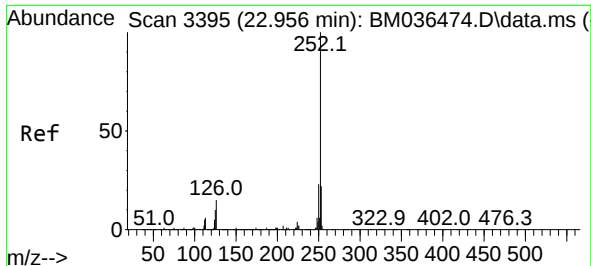
Tgt Ion:149 Resp: 1846071



#90
Benzo(b)fluoranthene
Concen: 19.019 ng/ul
RT: 22.903 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:252 Resp: 1730959
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.7 10.7 16.1

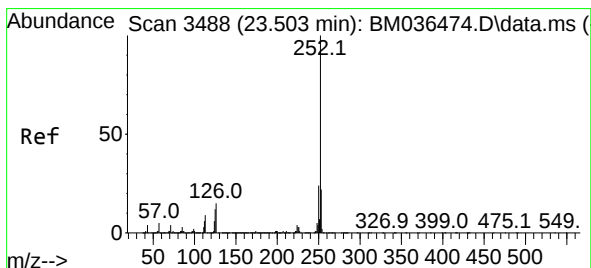
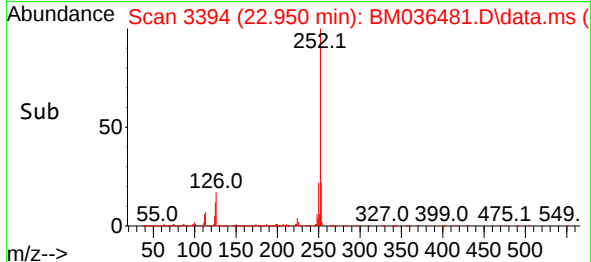
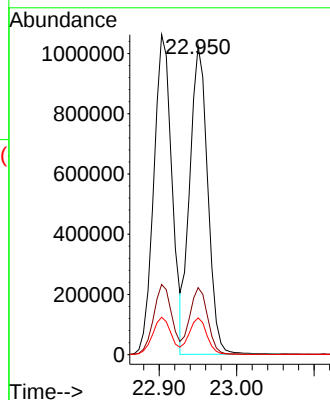
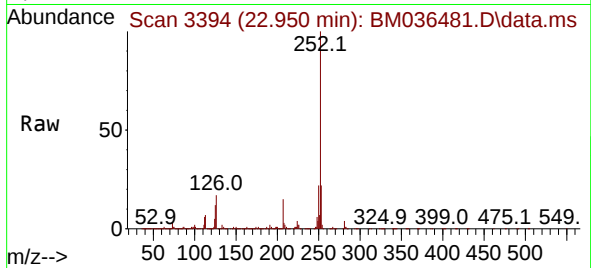




#91
Benzo(k)fluoranthene
Concen: 19.013 ng/ul
RT: 22.950 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

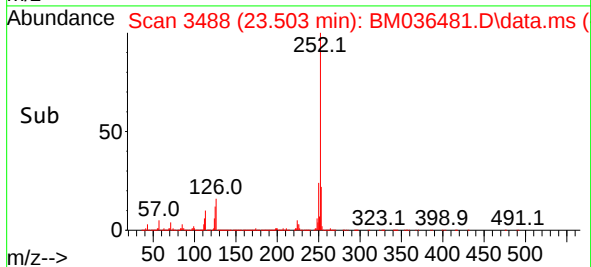
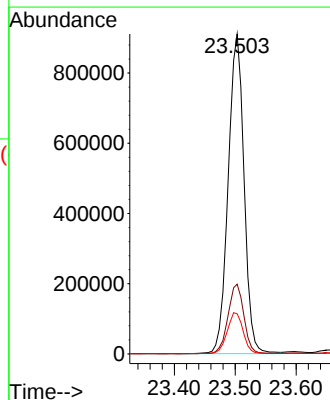
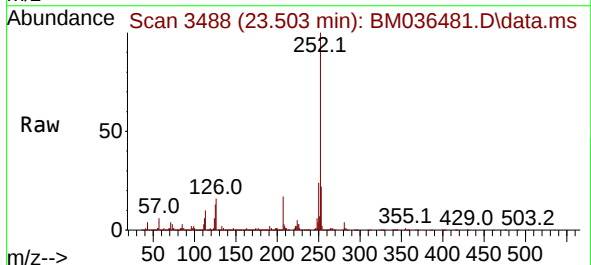
Instrument :
BNA_M
ClientSampleId :
SSTD020165

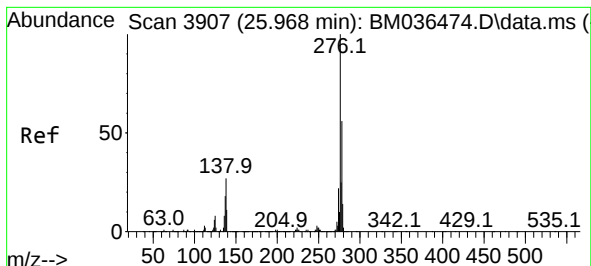
Tgt Ion:252 Resp: 1646250
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.9 10.6 15.8



#93
Benzo(a)pyrene
Concen: 18.411 ng/ul
RT: 23.503 min Scan# 3488
Delta R.T. -0.000 min
Lab File: BM036481.D
Acq: 01 Sep 2022 20:01

Tgt Ion:252 Resp: 1648406
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 12.5 11.8 17.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 15.804 ng/ul

RT: 25.968 min Scan# 3907

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

Instrument :

BNA_M

ClientSampleId :

SSTD020165

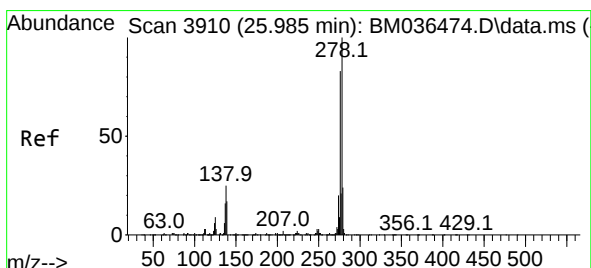
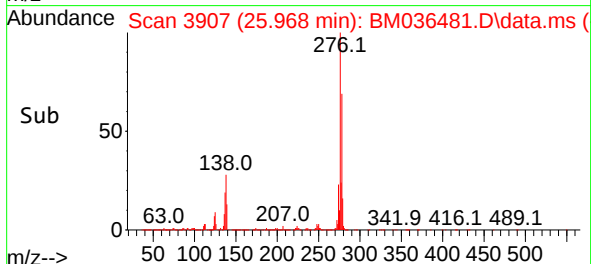
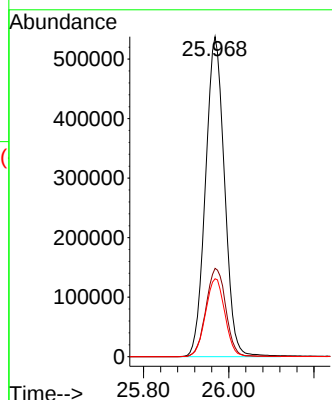
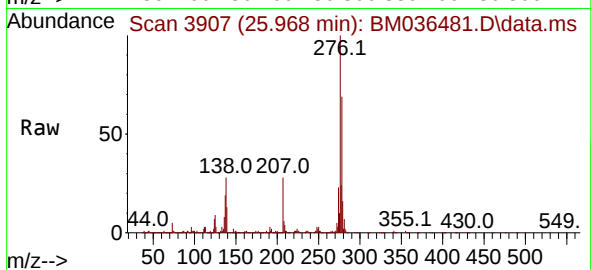
Tgt Ion:276 Resp: 1663619

Ion Ratio Lower Upper

276 100

138 27.6 25.6 38.4

277 24.4 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 15.746 ng/ul

RT: 25.985 min Scan# 3910

Delta R.T. -0.000 min

Lab File: BM036481.D

Acq: 01 Sep 2022 20:01

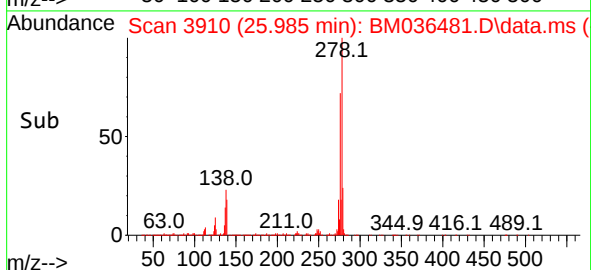
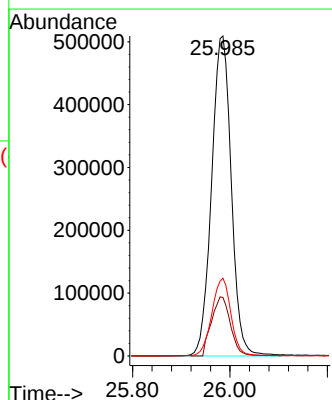
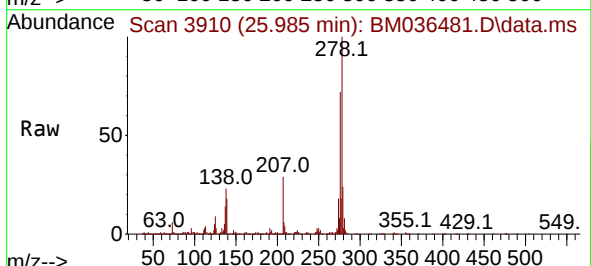
Tgt Ion:278 Resp: 1427868

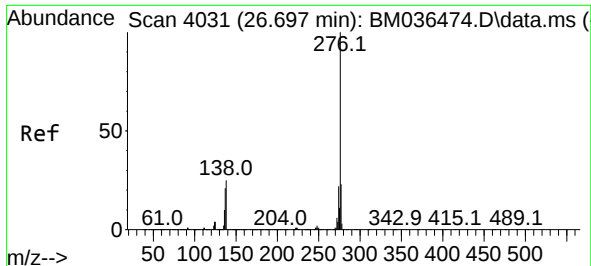
Ion Ratio Lower Upper

278 100

139 18.3 16.2 24.2

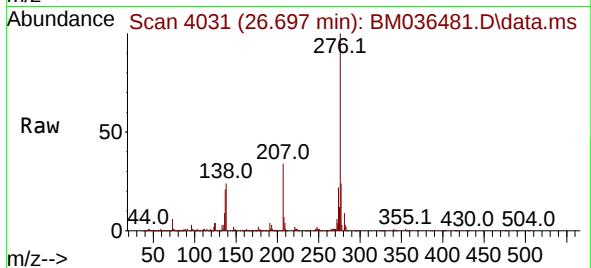
279 24.3 18.7 28.1





#96
 Benzo(g,h,i)perylene
 Concen: 14.600 ng/ul
 RT: 26.697 min Scan# 4031
 Delta R.T. -0.000 min
 Lab File: BM036481.D
 Acq: 01 Sep 2022 20:01

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020165



Tgt Ion:276 Resp: 1314339
 Ion Ratio Lower Upper
 276 100
 138 23.8 21.3 31.9
 277 24.0 18.6 28.0

