

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092922\
 Data File : BM036801.D
 Acq On : 29 Sep 2022 14:53
 Operator : CG/JU
 Sample : SSTD16083
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD160031

Quant Time: Sep 30 01:14:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 30 01:10:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	361876	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	1660487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.615	164	1057303	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.356	188	2111497	20.000	ng/u1	0.01
79) Chrysene-d12	21.527	240	1940987	20.000	ng/u1	0.01
88) Perylene-d12	23.950	264	1688089	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	605526	62.728	ng/uL	0.00
4) Pyridine-d5	3.793	84	5255255	186.668	ng/u1	0.00
7) Phenol-d5	7.157	99	6458035	199.698	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.328	67	3627465	184.705	ng/u1	0.02
11) 2-Chlorophenol-d4	7.522	132	4549897	195.421	ng/u1	0.01
15) 4-Methylphenol-d8	8.716	113	4714316	197.291	ng/u1	0.02
21) Nitrobenzene-d5	9.169	128	2322047	206.606	ng/u1	0.02
24) 2-Nitrophenol-d4	9.886	143	2520834	250.404	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.427	165	4376495	187.589	ng/u1	0.02
31) 4-Chloroaniline-d4	10.951	131	6621272	170.698	ng/u1	0.02
46) Dimethylphthalate-d6	14.045	166	11583318	162.438	ng/u1	0.02
49) Acenaphthylene-d8	14.321	160	13719558	162.199	ng/u1	0.02
54) 4-Nitrophenol-d4	14.845	143	2615461	189.101	ng/u1	0.04
60) Fluorene-d10	15.610	176	9902825	154.964	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.745	200	2217401	265.430	ng/u1	0.03
73) Anthracene-d10	17.462	188	14386781	149.019	ng/u1	0.02
81) Pyrene-d10	19.745	212	15654460	163.940	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.803	264	13786004	167.158	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	662087	63.671	ng/uL	95
5) Pyridine	3.816	79	5250051	185.615	ng/u1	99
6) Benzaldehyde	7.128	77	1824054	116.479	ng/u1	99
8) Phenol	7.192	94	6691650	192.797	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.422	93	4892599	181.175	ng/u1	97
12) 2-Chlorophenol	7.557	128	4794391	190.363	ng/u1	98
13) 2-Methylphenol	8.439	108	4925074	193.052	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	6184223	193.215	ng/u1	99
16) Acetophenone	8.833	105	7274501	175.513	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.845	70	3789557	189.487	ng/u1	92
18) 4-Methylphenol	8.792	108	5259583	190.653	ng/u1	97
19) Hexachloroethane	9.075	117	1833354	179.719	ng/u1	96
22) Nitrobenzene	9.210	77	5595545	187.517	ng/u1	96
23) Isophorone	9.757	82	11118559	182.742	ng/u1	97
25) 2-Nitrophenol	9.922	139	2731479	219.676	ng/u1	94
26) 2,4-Dimethylphenol	9.980	107	5460744	178.062	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.222	93	6480756	178.707	ng/u1	98
29) 2,4-Dichlorophenol	10.457	162	4454944	181.634	ng/u1	99
30) Naphthalene	10.857	128	14254019	157.578	ng/u1	97
32) 4-Chloroaniline	10.975	127	6755457	168.687	ng/u1	99
33) Hexachlorobutadiene	11.133	225	2330482	155.358	ng/u1	99
34) Caprolactam	11.822	113	849774	106.809	ng/u1	94
35) 4-Chloro-3-methylphenol	12.104	107	5133278	189.598	ng/u1	97
36) 2-Methylnaphthalene	12.457	142	9879771	163.928	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.674	142	9810839	161.926	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.821	216	4708225	157.330	ng/ul	99
40) Hexachlorocyclopentadiene	12.798	237	2907348	186.419	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	3398711	185.486	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	3672621	186.948	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	11770222	151.016	ng/ul	96
44) 2-Chloronaphthalene	13.504	162	9715858	158.862	ng/ul	97
45) 2-Nitroaniline	13.716	65	3455901	229.574	ng/ul	95
47) Dimethylphthalate	14.092	163	11987155	158.471	ng/ul	98
48) 2,6-Dinitrotoluene	14.215	165	2745167	223.219	ng/ul	93
50) Acenaphthylene	14.345	152	13889060	143.621	ng/ul	94
51) 3-Nitroaniline	14.539	138	2681536	181.803	ng/ul	96
52) Acenaphthene	14.686	153	10344618	152.881	ng/ul	98
53) 2,4-Dinitrophenol	14.739	184	1774527	325.191	ng/ul	90
55) 4-Nitrophenol	14.862	109	2031926	171.859	ng/ul	93
56) Dibenzofuran	15.021	168	13261265	145.934	ng/ul	95
57) 2,4-Dinitrotoluene	14.998	165	3877543	216.880	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.245	232	2986208	181.590	ng/ul	95
59) Diethylphthalate	15.451	149	12294496	162.362	ng/ul	96
61) Fluorene	15.674	166	10368741	133.972	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	4956614	133.913	ng/ul	97
63) 4-Nitroaniline	15.715	138	2236917	156.095	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.762	198	2295029	243.450	ng/ul#	89
67) N-Nitrosodiphenylamine	15.874	169	9806348	157.685	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	3359164	161.407	ng/ul	96
69) Hexachlorobenzene	16.662	284	3807920	154.695	ng/ul	98
70) Atrazine	16.839	200	3575369	162.922	ng/ul	100
71) Pentachlorophenol	17.009	266	2614616	178.818	ng/ul	98
72) Phenanthrene	17.492	178	15019167	129.138	ng/ul	94
74) Anthracene	17.492	178	15043320	127.253	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.427	216	4751718	164.536	ng/ul	99
76) Pentachlorobenzene	14.939	250	4797040	153.577	ng/ul	99
77) Carbazole	17.762	167	15287230	139.674	ng/ul#	90
80) Fluoranthene	19.403	202	15613692	133.436	ng/ul#	88
83) Butylbenzylphthalate	20.662	149	9782573	208.433	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.450	252	5422109	142.967	ng/ul	98
85) Benzo(a)anthracene	21.509	228	16324519	134.233	ng/ul#	84
86) Bis(2-ethylhexyl)phtha...	21.433	149	11253666	164.144	ng/ul#	89
87) Chrysene	21.509	228	16324519	141.419	ng/ul#	87
90) Benzo(b)fluoranthene	23.221	252	18501233	172.832	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	16367790	153.021	ng/ul	96
93) Benzo(a)pyrene	23.862	252	15194172	161.458	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.491	276	16006924	145.656	ng/ul	98
95) Dibenzo(a,h)anthracene	26.521	278	14316126	143.645	ng/ul	98
96) Benzo(g,h,i)perylene	27.285	276	13939687	146.317	ng/ul	98

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

Instrument :

BNA M

ClientSampleId :

SSTD160031

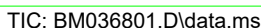
Quant Time: Sep 30 01:14:10 2022

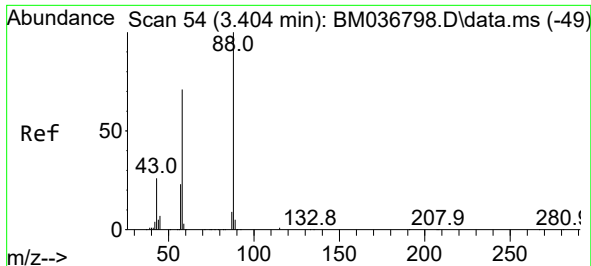
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QLast Update : Fri Sep 30 01:10:23 2022

Response via : Initial Calibration

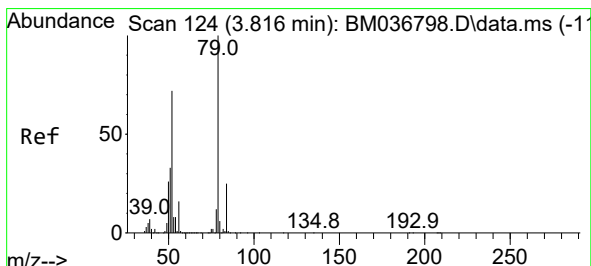
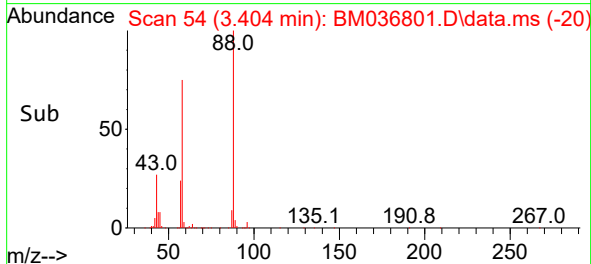
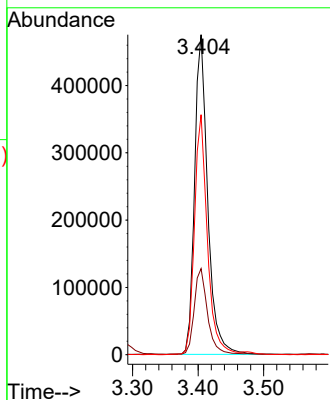
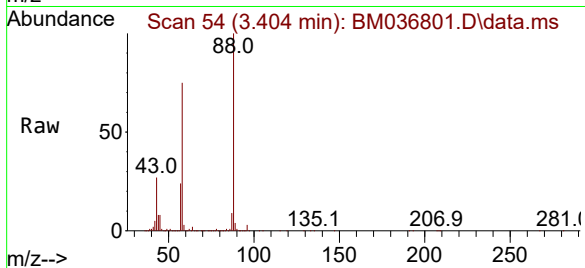




#2
1,4-Dioxane
Concen: 63.671 ng/uL
RT: 3.404 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

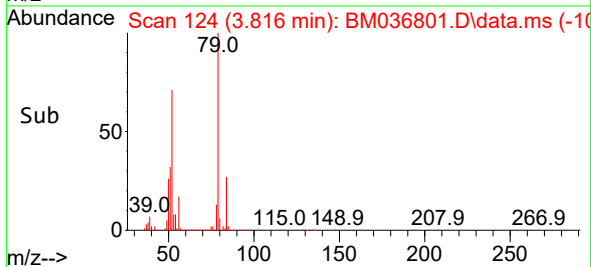
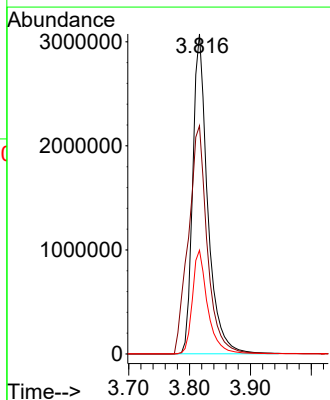
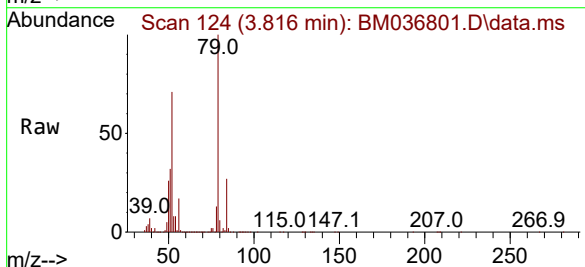
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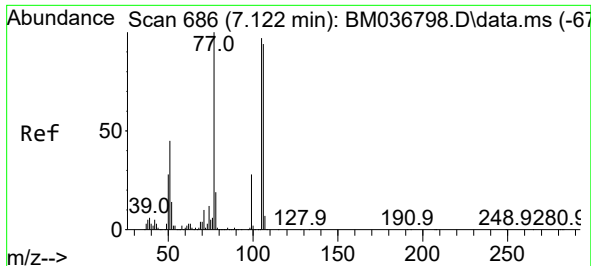
Tgt Ion: 88 Resp: 662087
Ion Ratio Lower Upper
88 100
43 26.9 21.5 32.3
58 75.0 55.5 83.3



#5
Pyridine
Concen: 185.615 ng/uL
RT: 3.816 min Scan# 124
Delta R.T. 0.000 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion: 79 Resp: 5250051
Ion Ratio Lower Upper
79 100
52 71.3 57.6 86.4
51 32.4 26.9 40.3

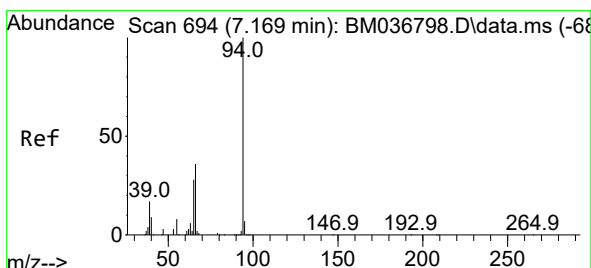
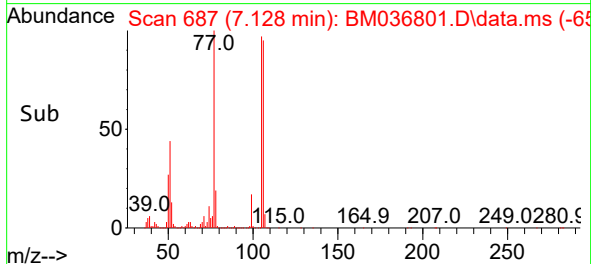
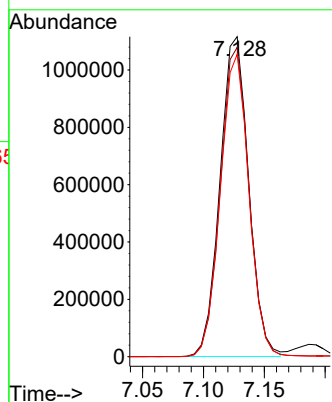
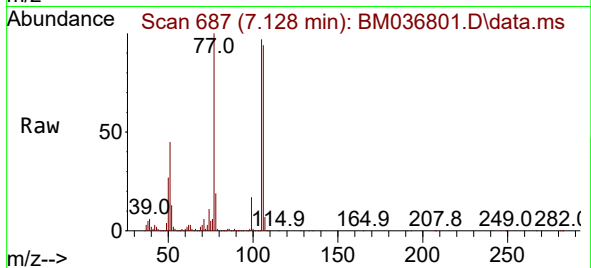




#6
Benzaldehyde
Concen: 116.479 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. 0.006 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

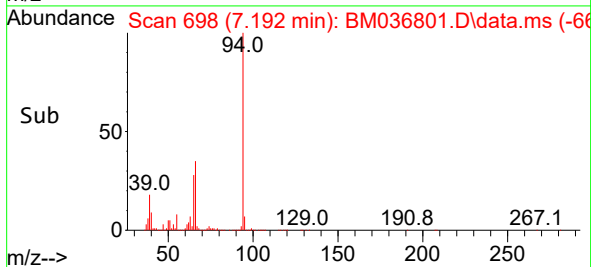
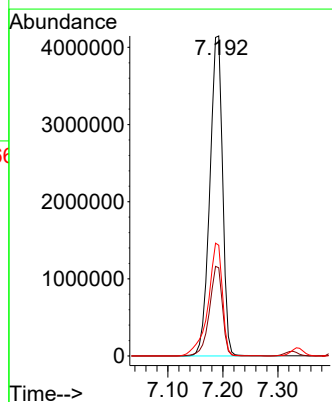
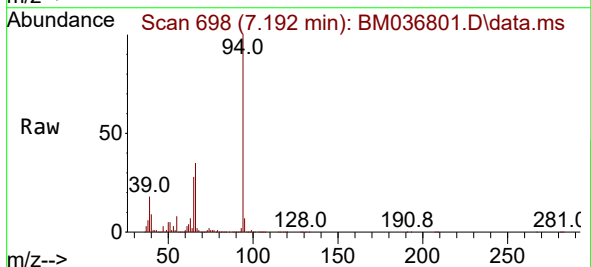
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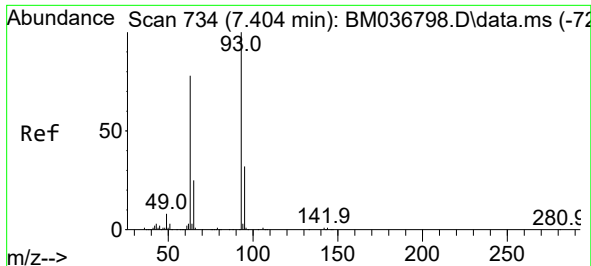
Tgt Ion: 77 Resp: 1824054
Ion Ratio Lower Upper
77 100
105 96.7 77.2 115.8
106 94.5 74.7 112.1



#8
Phenol
Concen: 192.797 ng/ul
RT: 7.192 min Scan# 698
Delta R.T. 0.024 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion: 94 Resp: 6691650
Ion Ratio Lower Upper
94 100
65 27.5 23.0 34.4
66 34.6 29.1 43.7

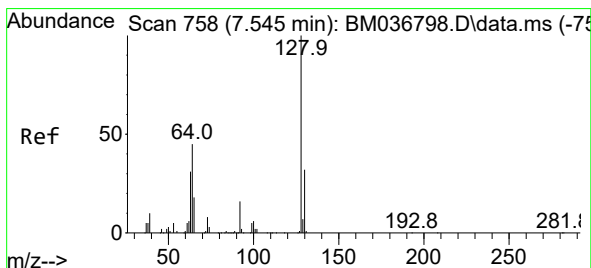
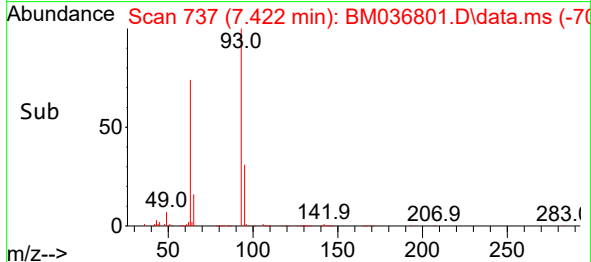
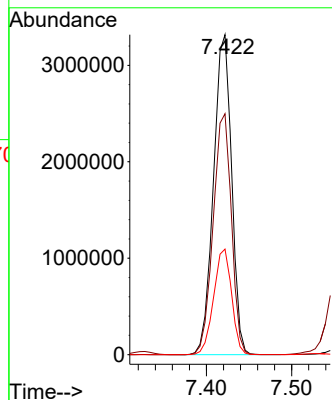
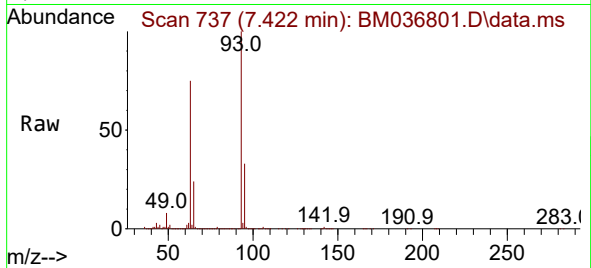




#10
Bis(2-Chloroethyl)ether
Concen: 181.175 ng/ul
RT: 7.422 min Scan# 71
Delta R.T. 0.018 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

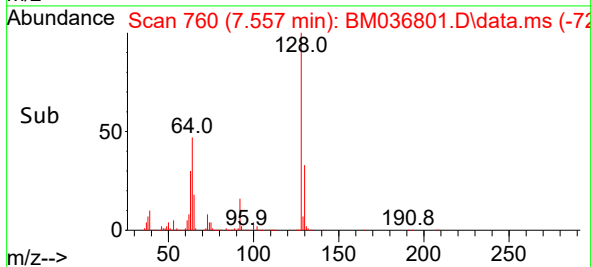
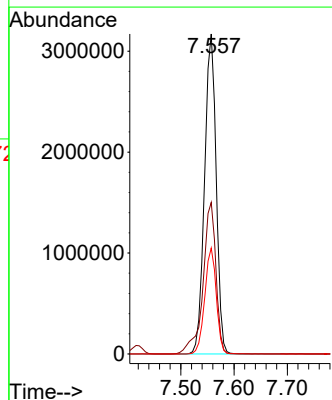
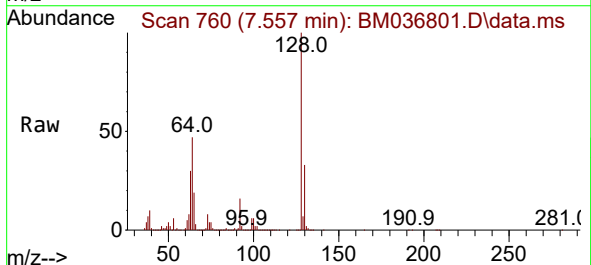
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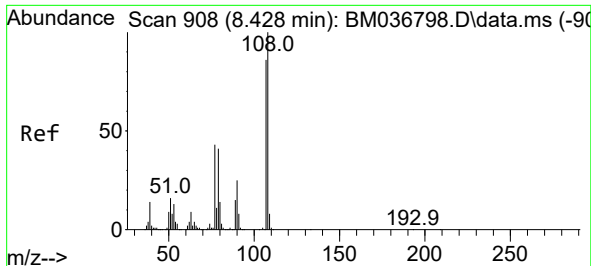
Tgt Ion: 93 Resp: 4892599
Ion Ratio Lower Upper
93 100
63 75.3 62.7 94.1
95 33.0 25.4 38.2



#12
2-Chlorophenol
Concen: 190.363 ng/ul
RT: 7.557 min Scan# 760
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:128 Resp: 4794391
Ion Ratio Lower Upper
128 100
64 47.3 39.1 58.7
130 33.1 25.6 38.4





#13

2-Methylphenol

Concen: 193.052 ng/ul

RT: 8.439 min Scan# 910

Delta R.T. 0.012 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

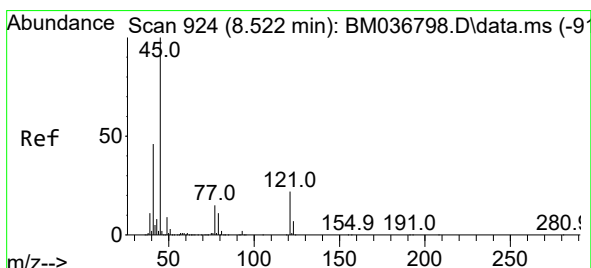
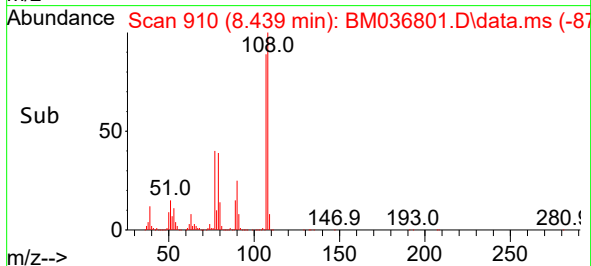
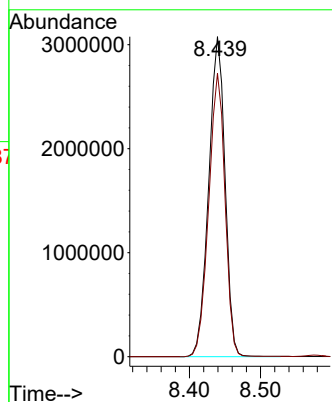
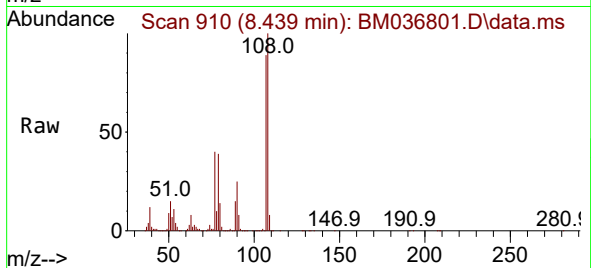
SSTD160031

Tgt Ion:108 Resp: 4925074

Ion Ratio Lower Upper

108 100

107 88.5 69.2 103.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 193.215 ng/ul

RT: 8.528 min Scan# 925

Delta R.T. 0.006 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

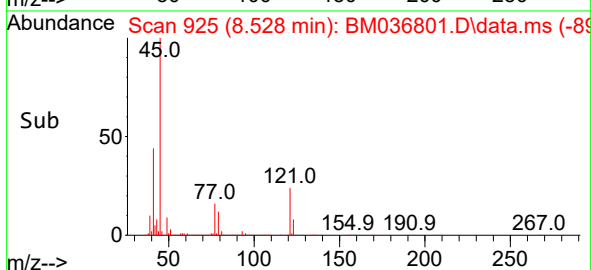
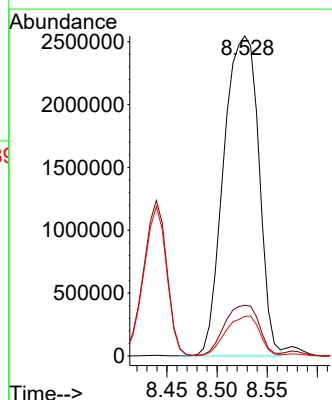
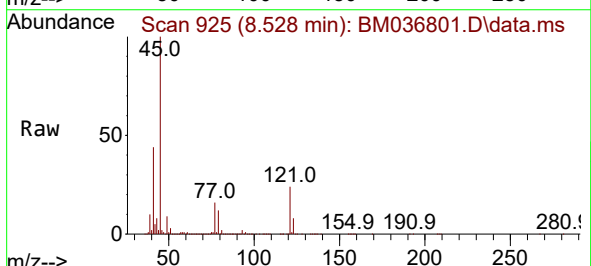
Tgt Ion: 45 Resp: 6184223

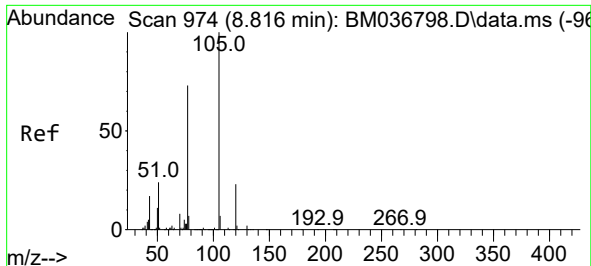
Ion Ratio Lower Upper

45 100

77 15.9 12.4 18.6

79 12.4 9.3 13.9

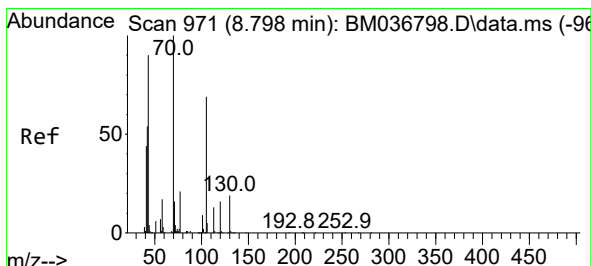
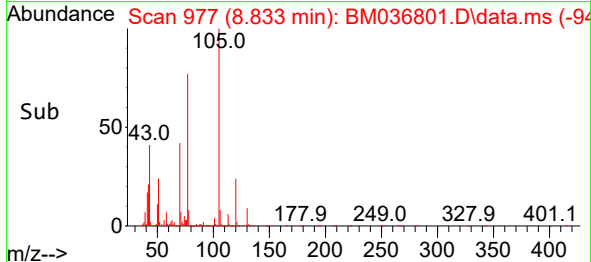
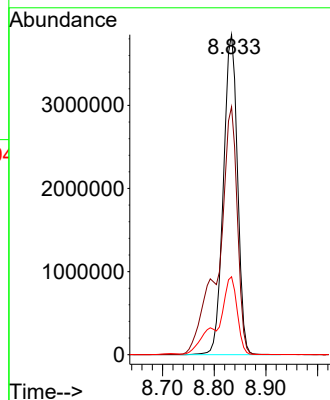
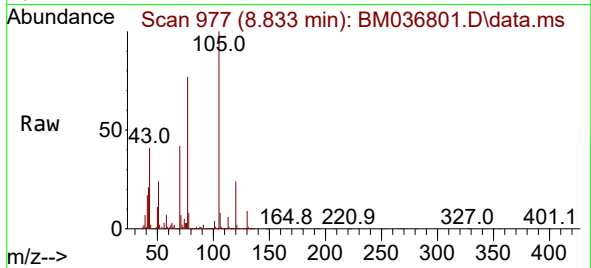




#16
Acetophenone
Concen: 175.513 ng/ul
RT: 8.833 min Scan# 91
Delta R.T. 0.018 min
Lab File: BM036801.D
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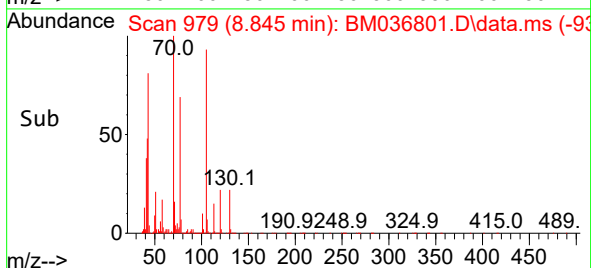
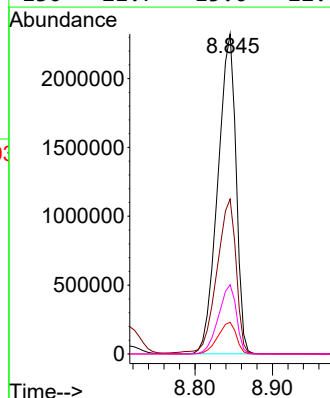
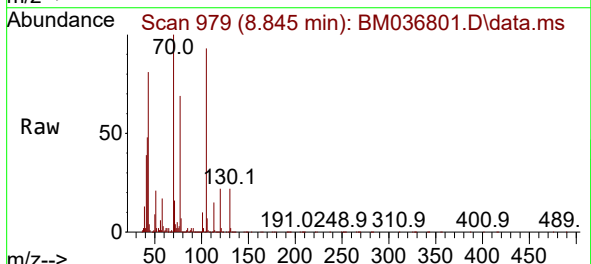
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ClientSampleId :
SSTD160031

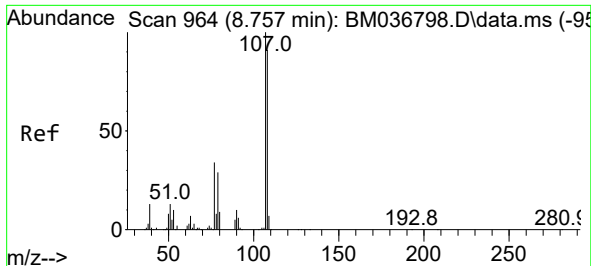
Tgt Ion:105 Resp: 7274501
Ion Ratio Lower Upper
105 100
77 77.5 62.7 94.1
51 24.3 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 189.487 ng/ul
RT: 8.845 min Scan# 979
Delta R.T. 0.047 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion: 70 Resp: 3789557
Ion Ratio Lower Upper
70 100
42 48.4 44.2 66.2
101 9.9 7.3 10.9
130 21.7 15.0 22.6

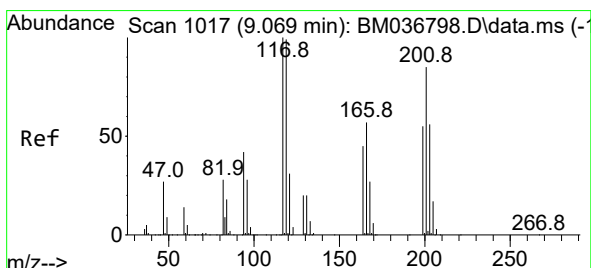
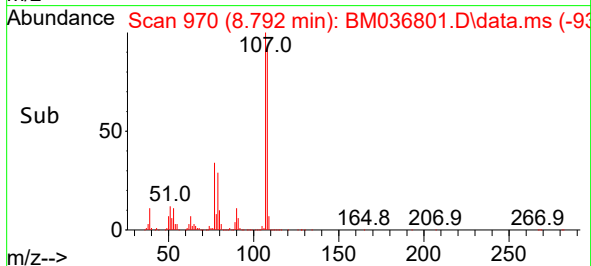
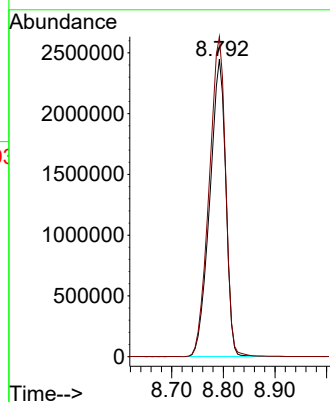
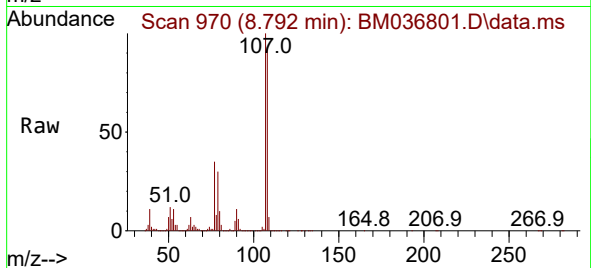




#18
4-Methylphenol
Concen: 190.653 ng/ul
RT: 8.792 min Scan# 91
Delta R.T. 0.035 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

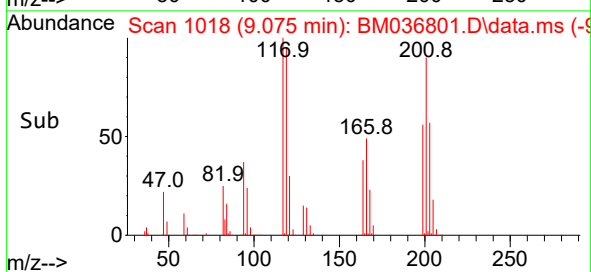
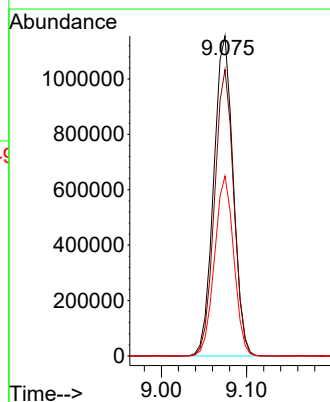
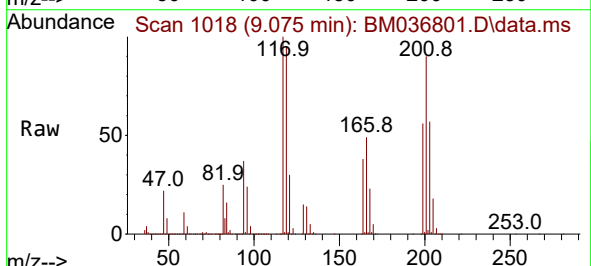
Instrument :
BNA_M
ClientSampleId :
SSTD160031

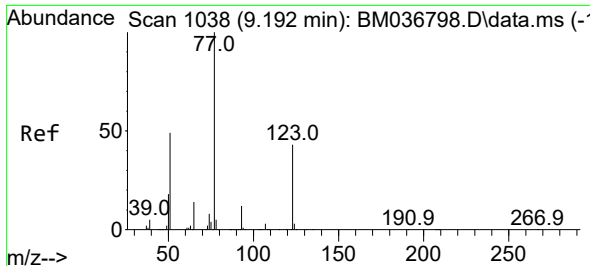
Tgt Ion:108 Resp: 5259583
Ion Ratio Lower Upper
108 100
107 107.5 88.5 132.7



#19
Hexachloroethane
Concen: 179.719 ng/ul
RT: 9.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:117 Resp: 1833354
Ion Ratio Lower Upper
117 100
201 89.5 68.3 102.5
199 56.2 43.8 65.6

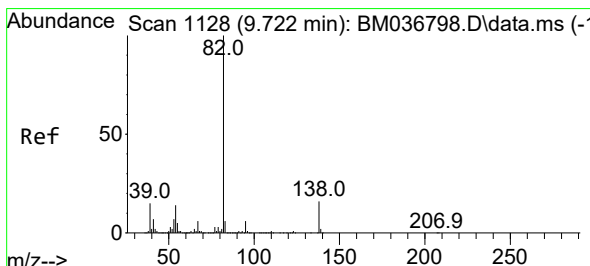
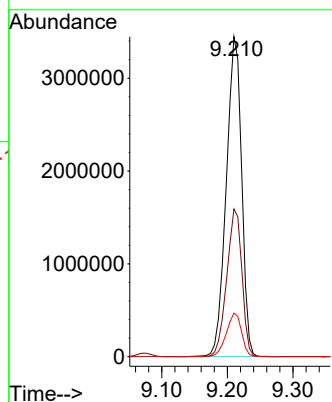
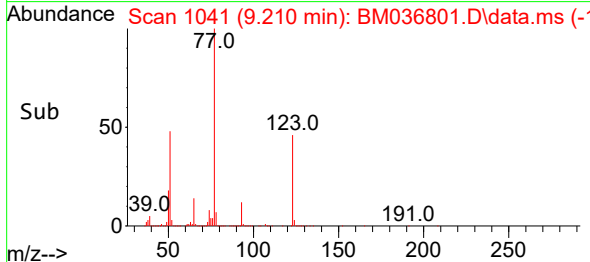
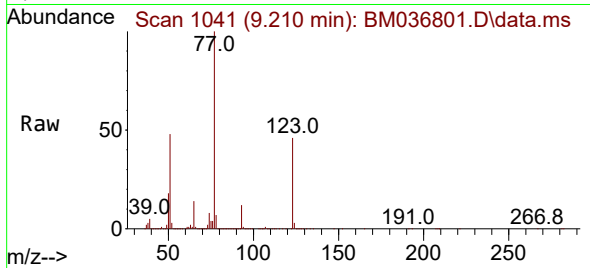




#22
Nitrobenzene
Concen: 187.517 ng/ul
RT: 9.210 min Scan# 1041
Delta R.T. 0.018 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

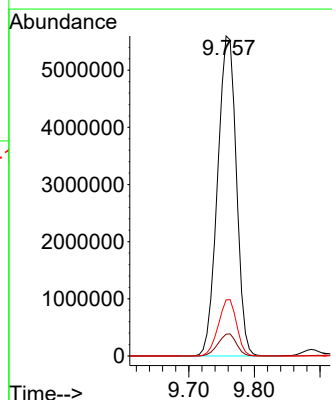
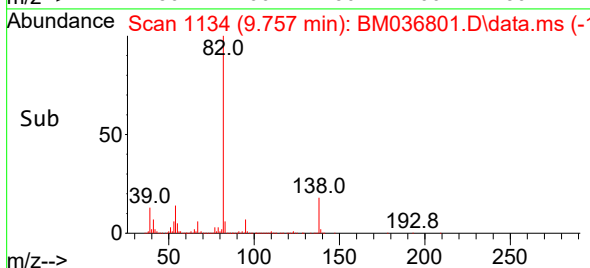
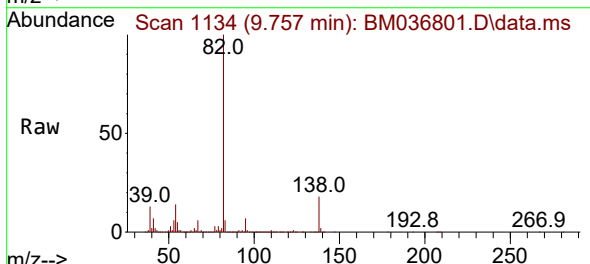
Instrument :
BNA_M
ClientSampleId :
SSTD160031

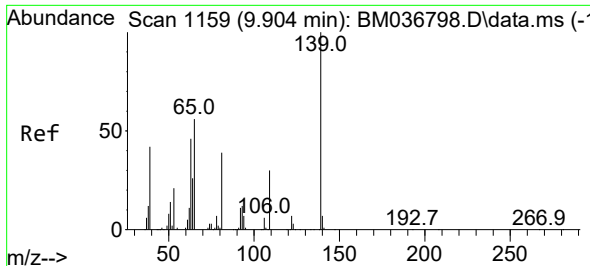
Tgt Ion: 77 Resp: 5595545
Ion Ratio Lower Upper
77 100
123 46.2 34.3 51.5
65 13.6 10.9 16.3



#23
Isophorone
Concen: 182.742 ng/ul
RT: 9.757 min Scan# 1134
Delta R.T. 0.035 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion: 82 Resp: 11118559
Ion Ratio Lower Upper
82 100
95 6.8 5.0 7.4
138 17.5 12.9 19.3

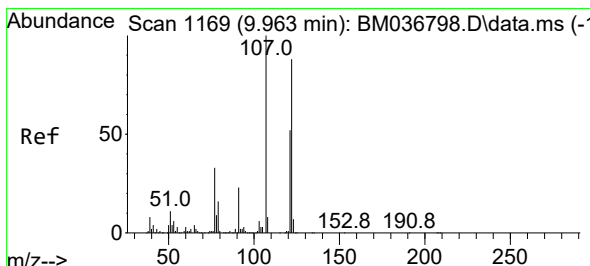
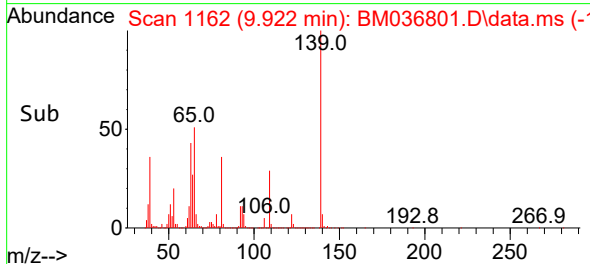
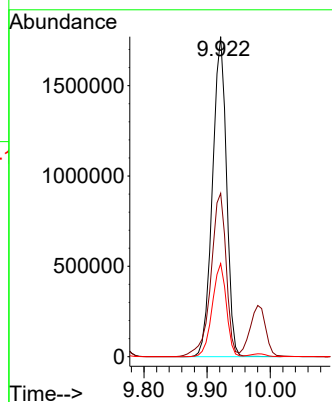
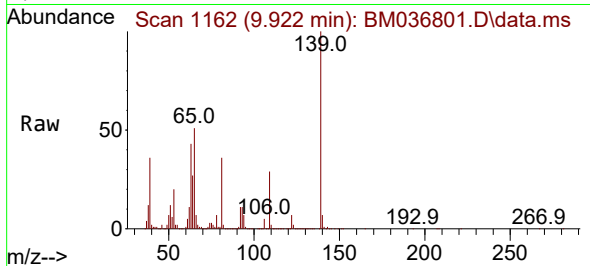




#25
2-Nitrophenol
Concen: 219.676 ng/ul
RT: 9.922 min Scan# 1162
Delta R.T. 0.018 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

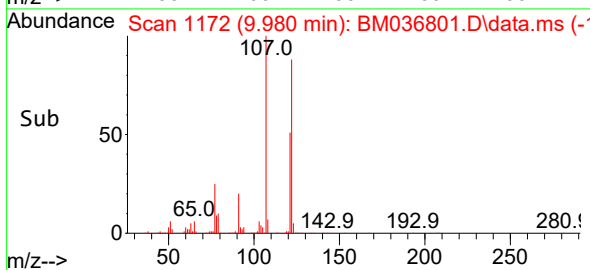
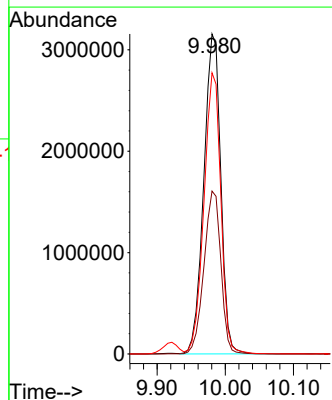
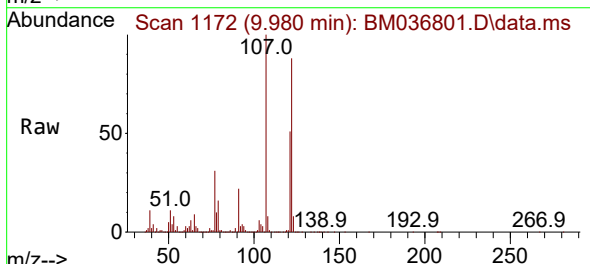
Instrument :
BNA_M
ClientSampleId :
SSTD160031

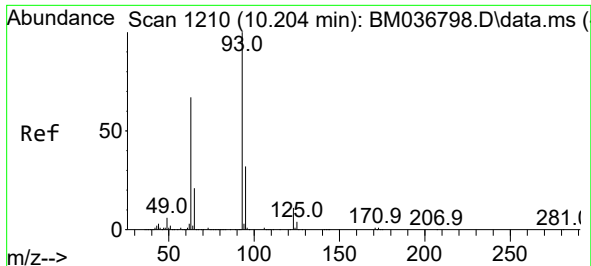
Tgt Ion:139 Resp: 2731479
Ion Ratio Lower Upper
139 100
65 51.0 46.0 69.0
109 29.1 24.2 36.2



#26
2,4-Dimethylphenol
Concen: 178.062 ng/ul
RT: 9.980 min Scan# 1172
Delta R.T. 0.018 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:107 Resp: 5460744
Ion Ratio Lower Upper
107 100
121 50.9 41.4 62.0
122 87.9 71.1 106.7

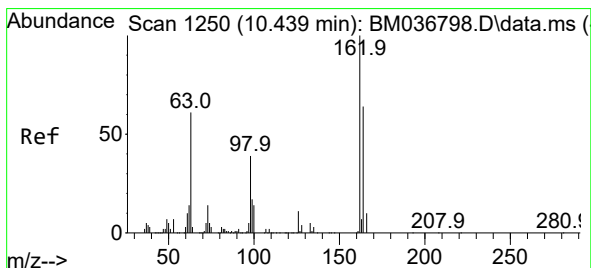
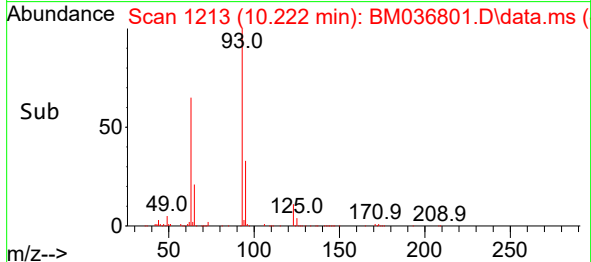
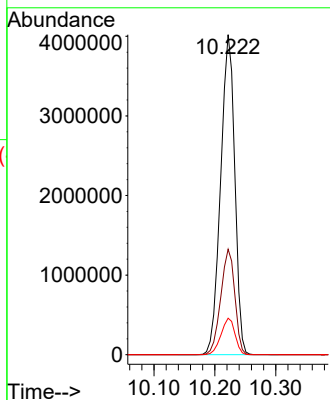
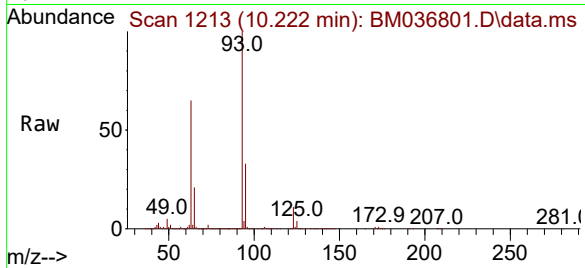




#27
 Bis(2-Chloroethoxy)methane
 Concen: 178.707 ng/ul
 RT: 10.222 min Scan# 1
 Delta R.T. 0.018 min
 Lab File: BM036801.D
 Acq: 29 Sep 2022 14:53

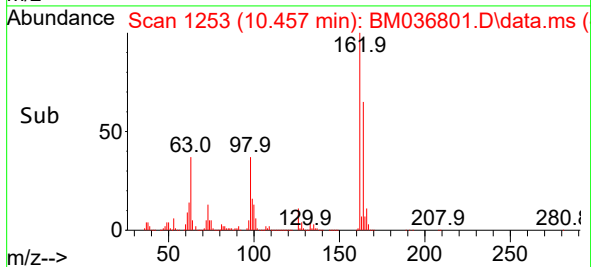
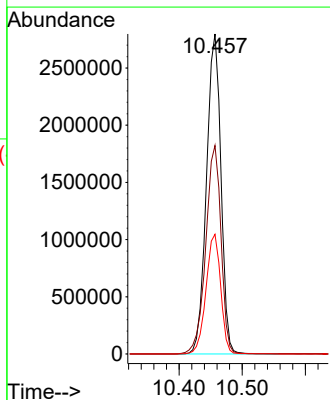
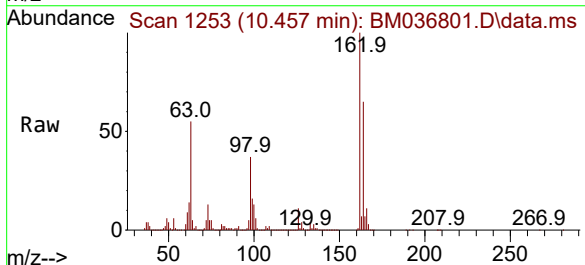
Instrument :
 BNA_M
 ClientSampleId :
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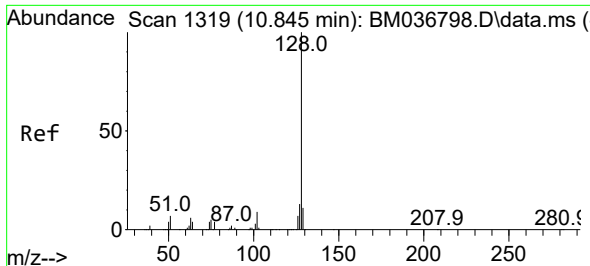
Tgt Ion: 93 Resp: 6480756
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.6 38.4
 123 11.4 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 181.634 ng/ul
 RT: 10.457 min Scan# 1253
 Delta R.T. 0.018 min
 Lab File: BM036801.D
 Acq: 29 Sep 2022 14:53

Tgt Ion:162 Resp: 4454944
 Ion Ratio Lower Upper
 162 100
 164 65.2 51.8 77.6
 98 37.4 30.9 46.3

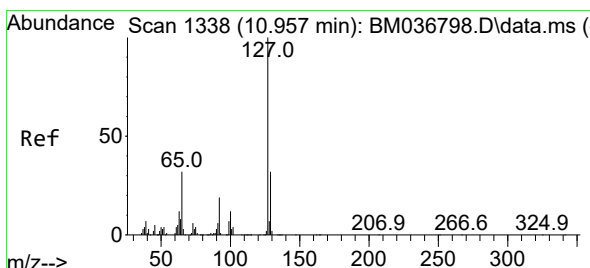
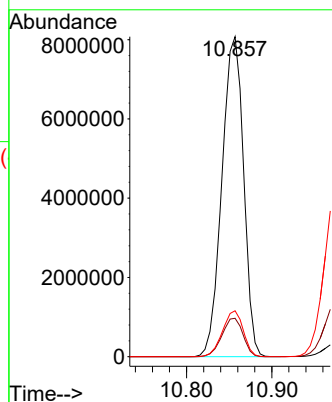
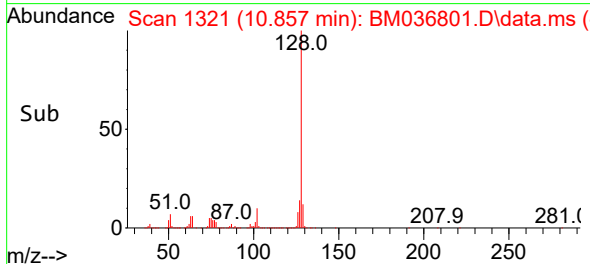
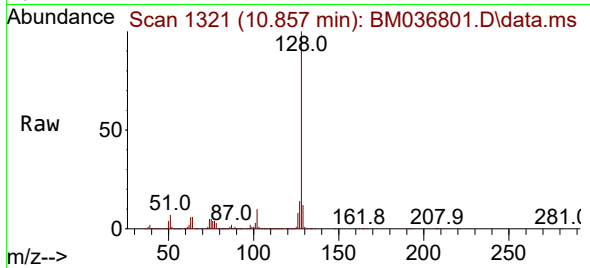




#30
Naphthalene
Concen: 157.578 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

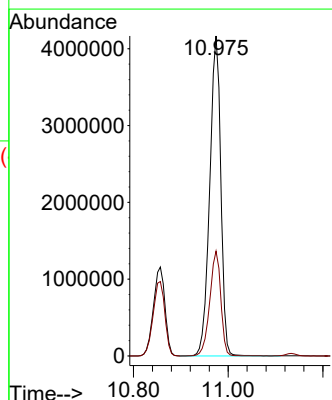
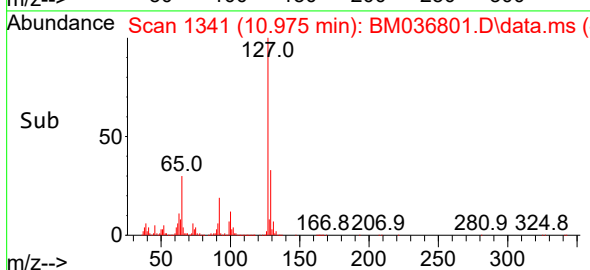
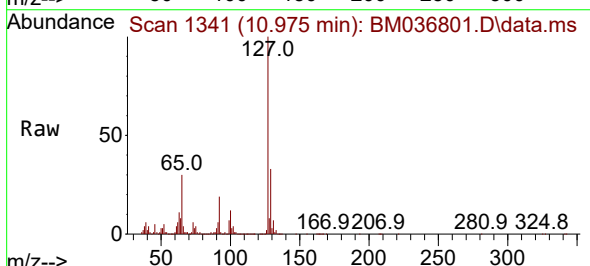
Instrument :
BNA_M
ClientSampleId :
SSTD160031

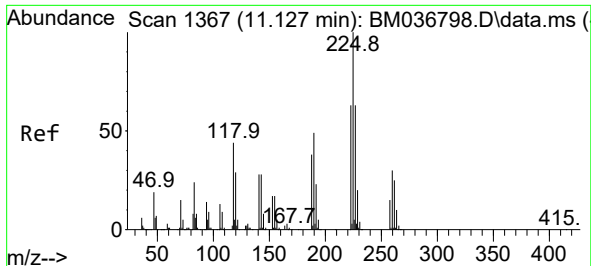
Tgt Ion:128 Resp:14254019
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 14.3 10.4 15.6



#32
4-Chloroaniline
Concen: 168.687 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:127 Resp: 6755457
Ion Ratio Lower Upper
127 100
129 32.8 25.7 38.5

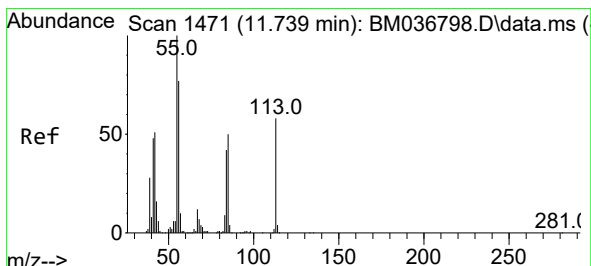
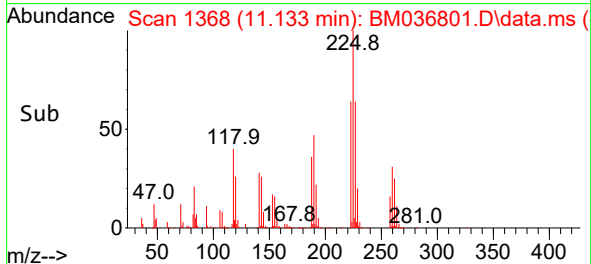
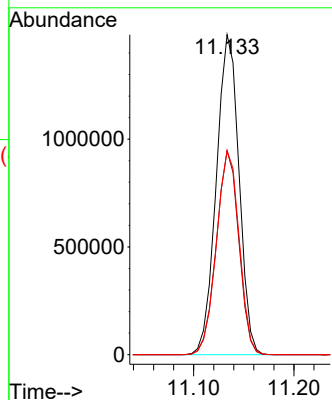
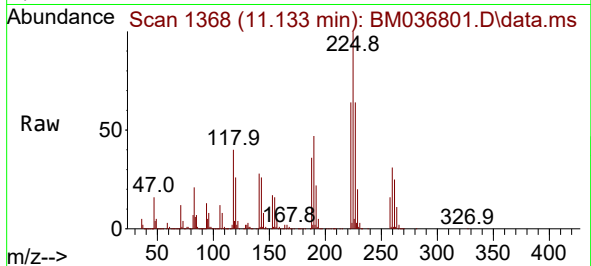




#33
Hexachlorobutadiene
Concen: 155.358 ng/ul
RT: 11.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

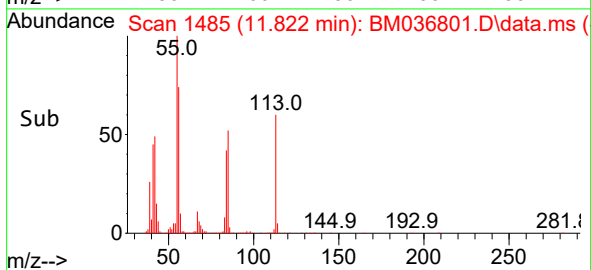
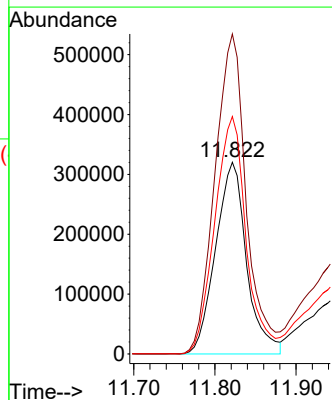
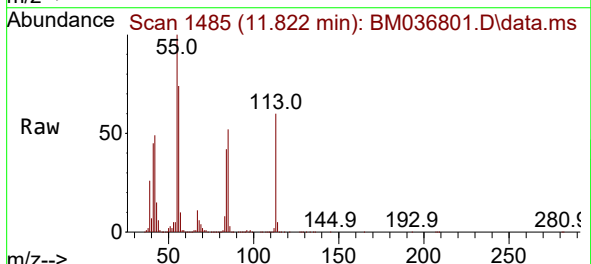
Instrument :
BNA_M
ClientSampleId :
SSTD160031

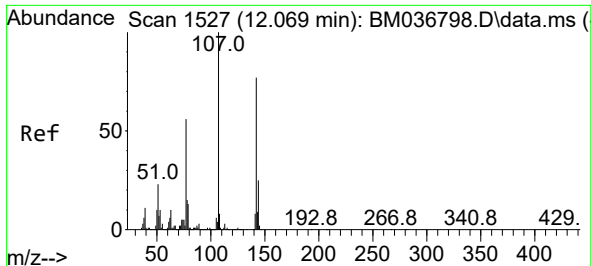
Tgt Ion:225 Resp: 2330482
Ion Ratio Lower Upper
225 100
223 63.7 50.0 75.0
227 63.7 50.4 75.6



#34
Caprolactam
Concen: 106.809 ng/ul
RT: 11.822 min Scan# 1485
Delta R.T. 0.082 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:113 Resp: 849774
Ion Ratio Lower Upper
113 100
55 166.9 138.6 208.0
56 123.9 105.9 158.9

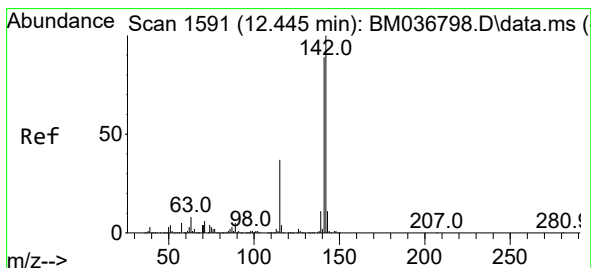
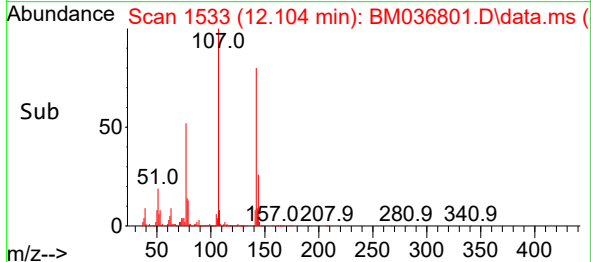
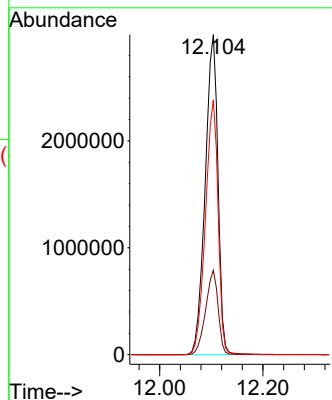
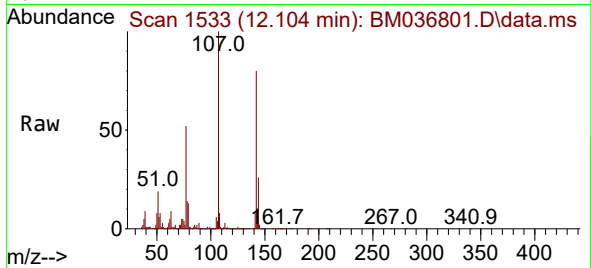




#35
4-Chloro-3-methylphenol
Concen: 189.598 ng/ul
RT: 12.104 min Scan# 1533
Delta R.T. 0.035 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

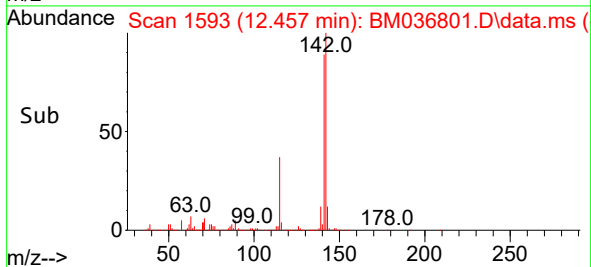
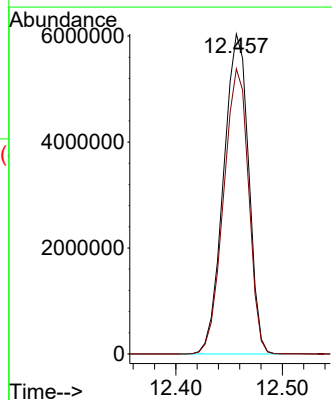
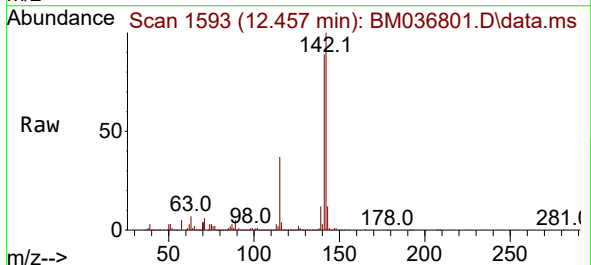
Instrument :
BNA_M
ClientSampleId :
SSTD160031

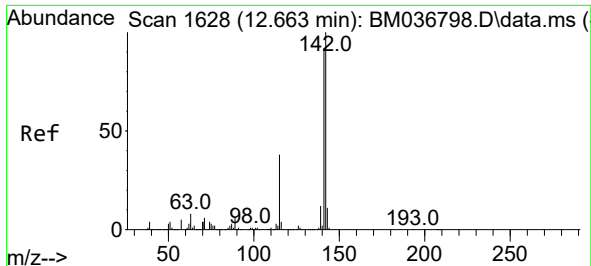
Tgt Ion:107 Resp: 5133278
Ion Ratio Lower Upper
107 100
144 26.4 20.2 30.4
142 79.6 61.3 91.9



#36
2-Methylnaphthalene
Concen: 163.928 ng/ul
RT: 12.457 min Scan# 1593
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:142 Resp: 9879771
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2





#37

1-Methylnaphthalene

Concen: 161.926 ng/ul

RT: 12.674 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

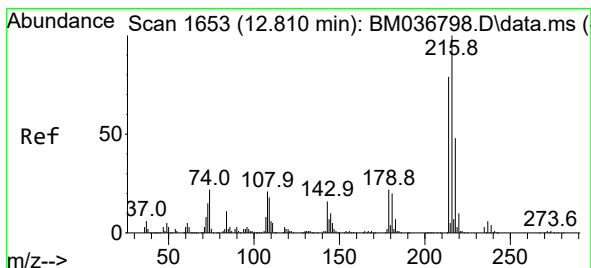
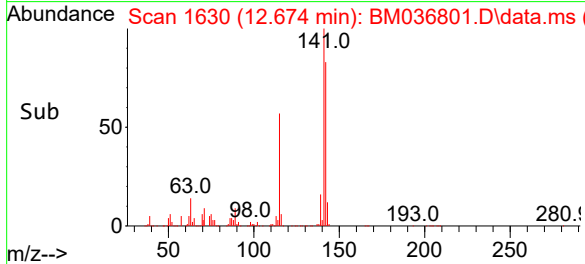
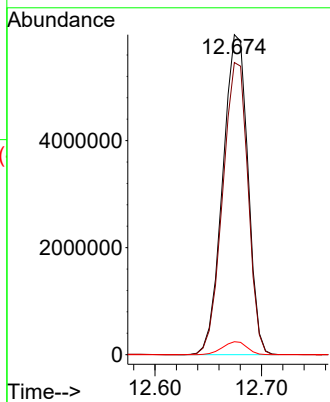
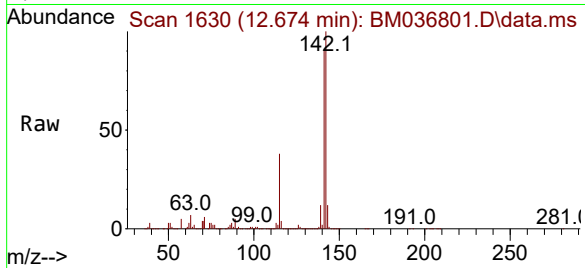
Tgt Ion:142 Resp: 9810839

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.2

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 157.330 ng/ul

RT: 12.821 min Scan# 1655

Delta R.T. 0.012 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Tgt Ion:216 Resp: 4708225

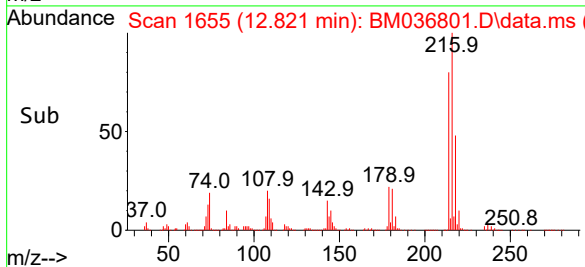
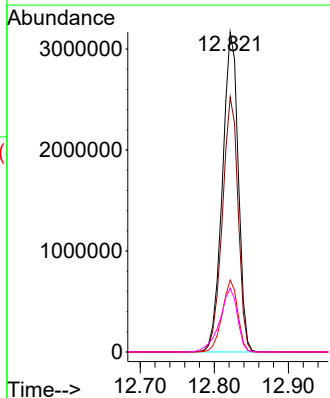
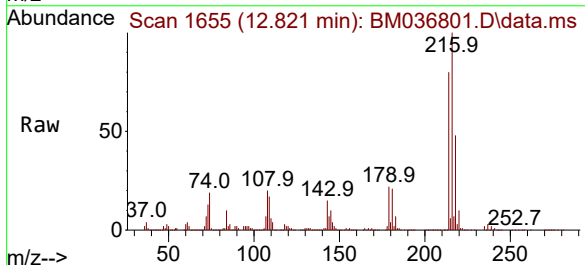
Ion Ratio Lower Upper

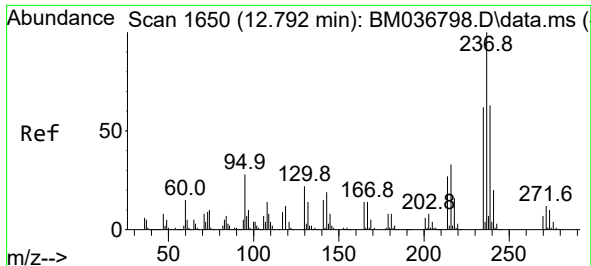
216 100

214 79.7 63.4 95.0

179 22.5 17.5 26.3

108 19.9 17.3 25.9

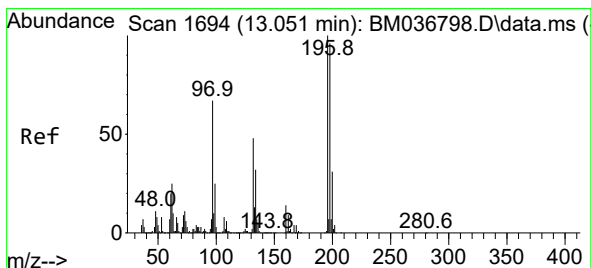
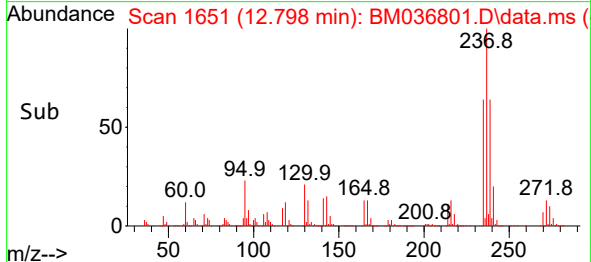
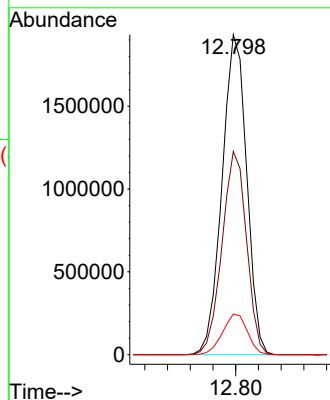
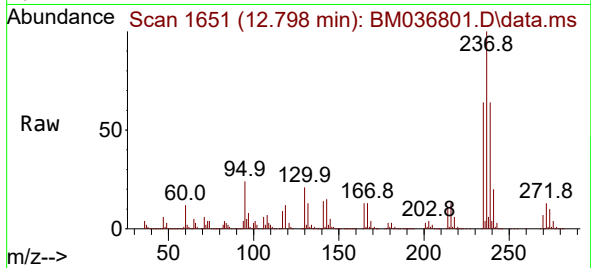




#40
Hexachlorocyclopentadiene
Concen: 186.419 ng/ul
RT: 12.798 min Scan# 1650
Delta R.T. 0.006 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

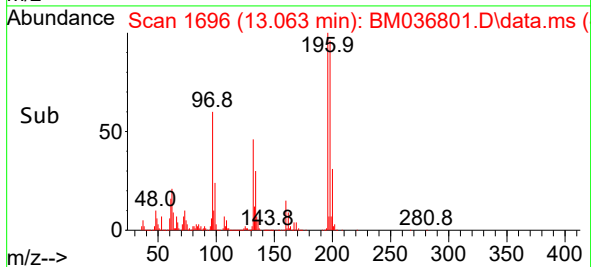
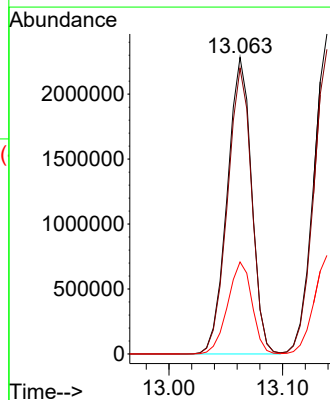
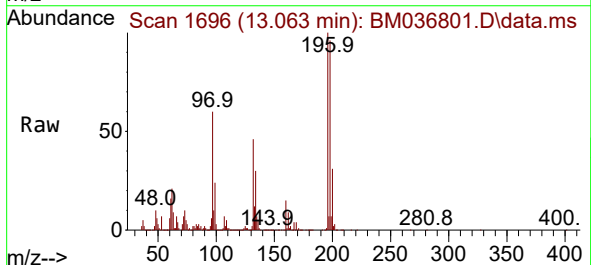
Instrument :
BNA_M
ClientSampleId :
SSTD160031

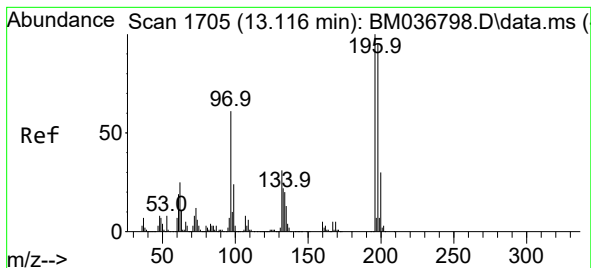
Tgt Ion:237 Resp: 2907348
Ion Ratio Lower Upper
237 100
235 63.5 49.8 74.6
272 12.7 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 185.486 ng/ul
RT: 13.063 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:196 Resp: 3398711
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.4
200 31.0 24.6 37.0





#42

2,4,5-Trichlorophenol

Concen: 186.948 ng/ul

RT: 13.139 min Scan# 1

Delta R.T. 0.024 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

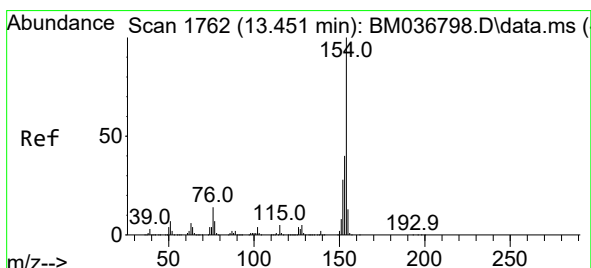
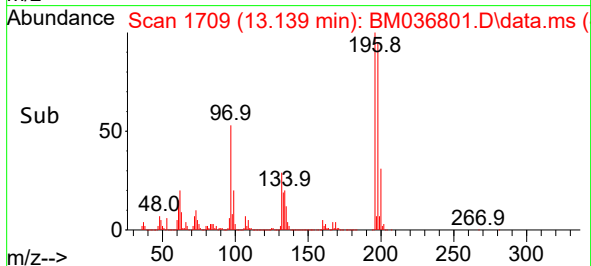
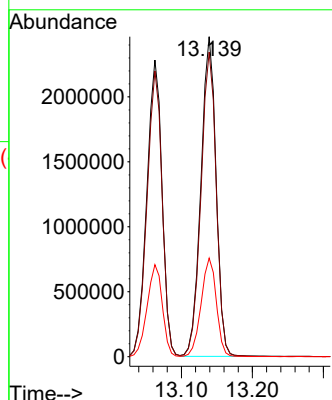
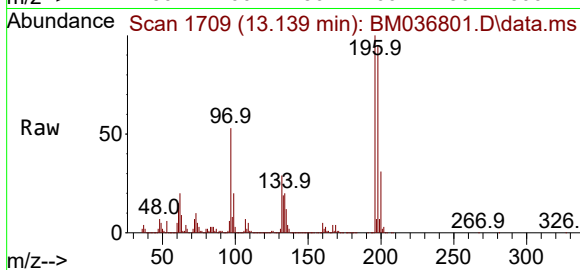
Tgt Ion:196 Resp: 3672621

Ion Ratio Lower Upper

196 100

198 95.2 76.4 114.6

200 30.8 24.2 36.2



#43

1,1'-Biphenyl

Concen: 151.016 ng/ul

RT: 13.463 min Scan# 1764

Delta R.T. 0.012 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

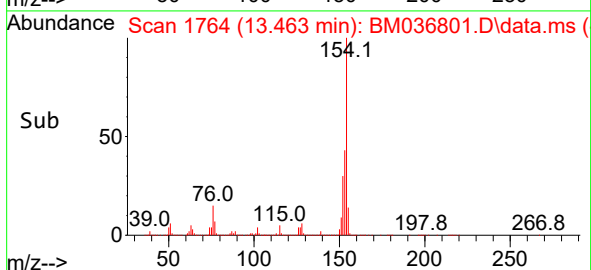
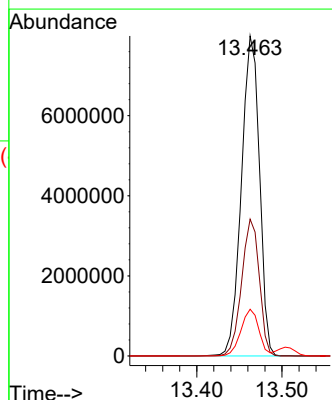
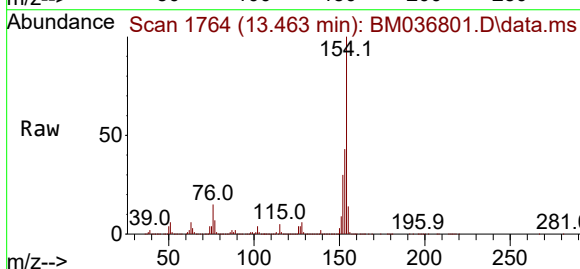
Tgt Ion:154 Resp:11770222

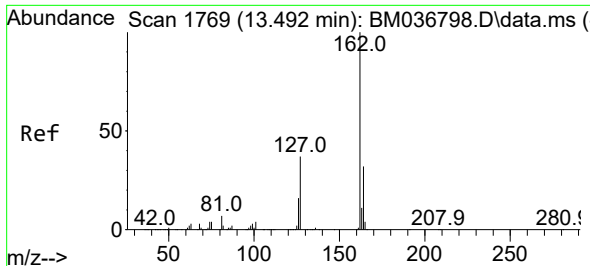
Ion Ratio Lower Upper

154 100

153 42.7 31.9 47.9

76 14.6 11.4 17.2

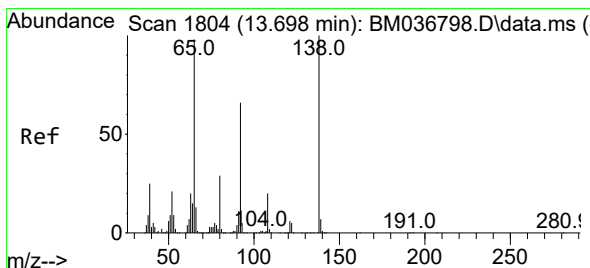
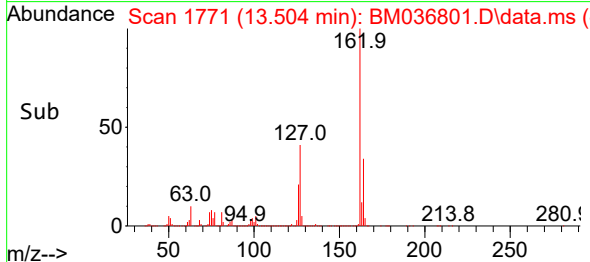
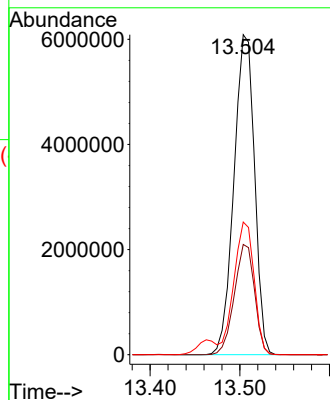
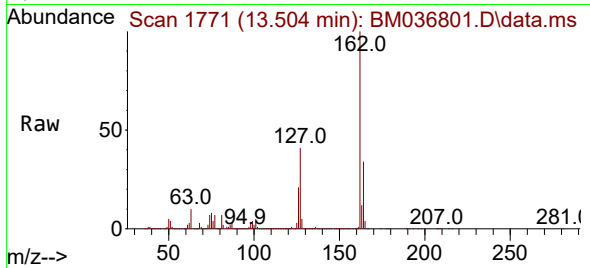




#44
2-Chloronaphthalene
Concen: 158.862 ng/ul
RT: 13.504 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

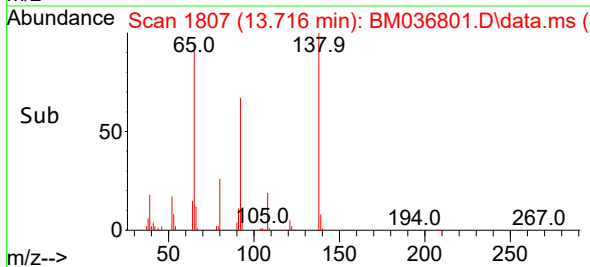
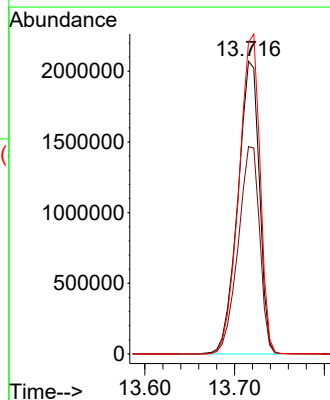
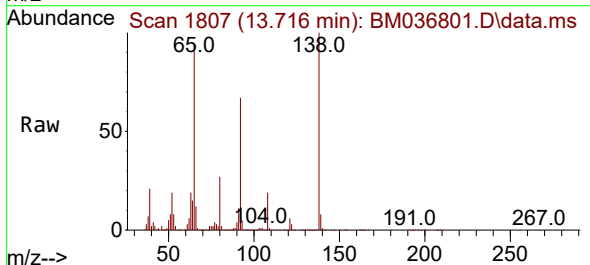
Instrument :
BNA_M
ClientSampleId :
SSTD160031

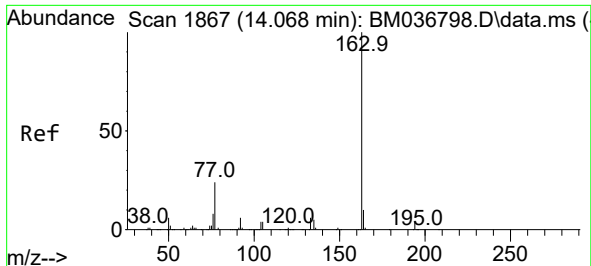
Tgt Ion:162 Resp: 9715858
Ion Ratio Lower Upper
162 100
164 34.4 25.7 38.5
127 41.4 32.5 48.7



#45
2-Nitroaniline
Concen: 229.574 ng/ul
RT: 13.716 min Scan# 1807
Delta R.T. 0.018 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion: 65 Resp: 3455901
Ion Ratio Lower Upper
65 100
92 70.8 53.5 80.3
138 106.4 81.4 122.0





#47

Dimethylphthalate

Concen: 158.471 ng/ul

RT: 14.092 min Scan# 1871

Delta R.T. 0.024 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

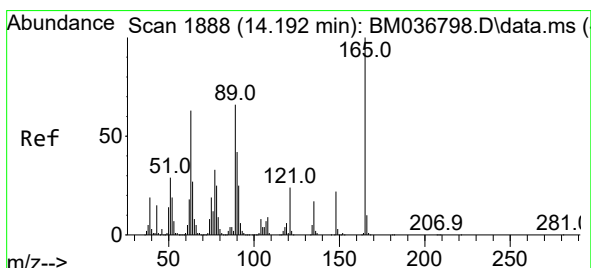
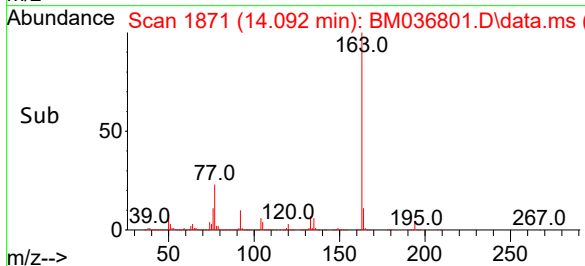
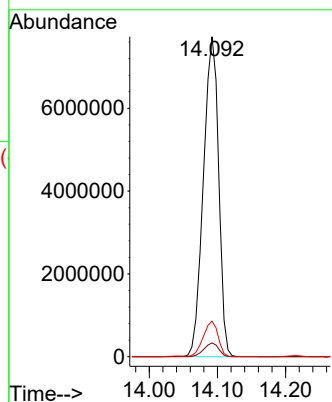
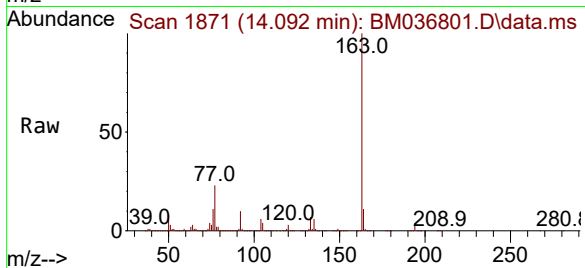
Tgt Ion:163 Resp:11987155

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

164 11.1 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 223.219 ng/ul

RT: 14.215 min Scan# 1892

Delta R.T. 0.024 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

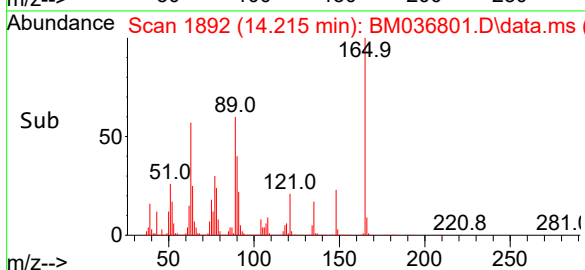
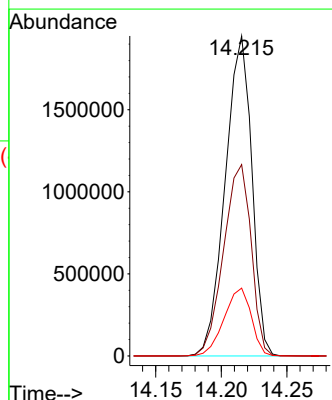
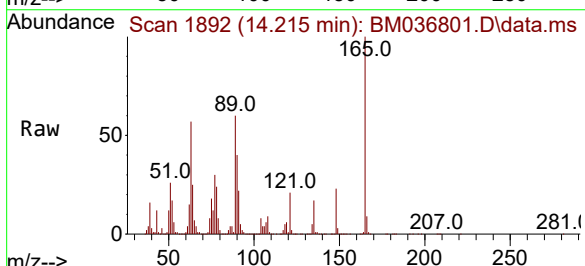
Tgt Ion:165 Resp: 2745167

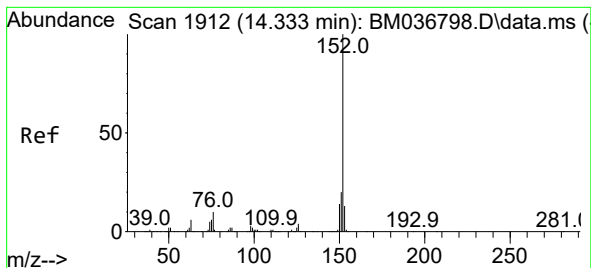
Ion Ratio Lower Upper

165 100

89 59.8 53.0 79.4

121 21.2 19.0 28.4





#50

Acenaphthylene

Concen: 143.621 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. 0.012 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

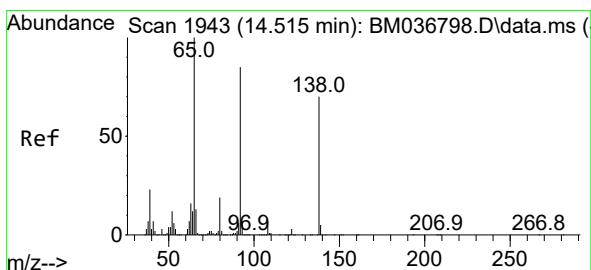
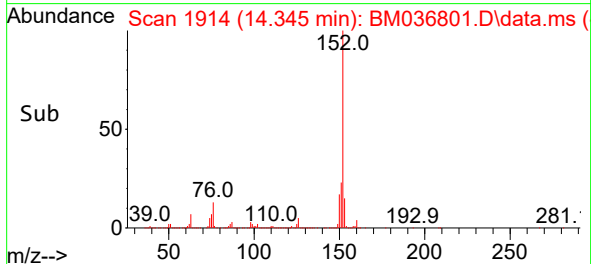
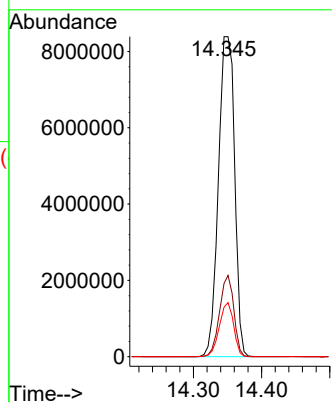
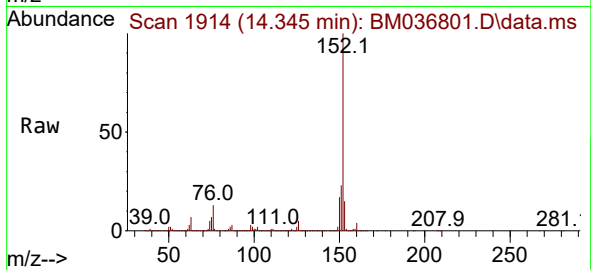
Tgt Ion:152 Resp:13889060

Ion Ratio Lower Upper

152 100

151 22.9 16.0 24.0

153 15.4 10.4 15.6



#51

3-Nitroaniline

Concen: 181.803 ng/ul

RT: 14.539 min Scan# 1947

Delta R.T. 0.024 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

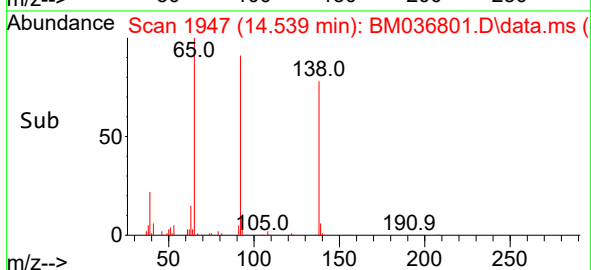
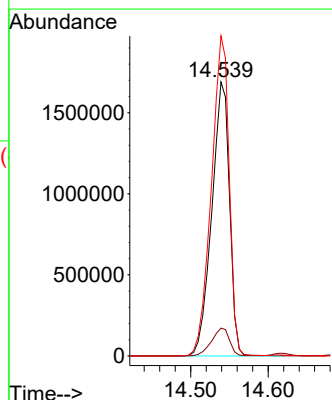
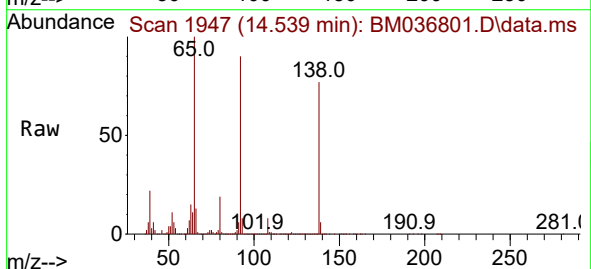
Tgt Ion:138 Resp: 2681536

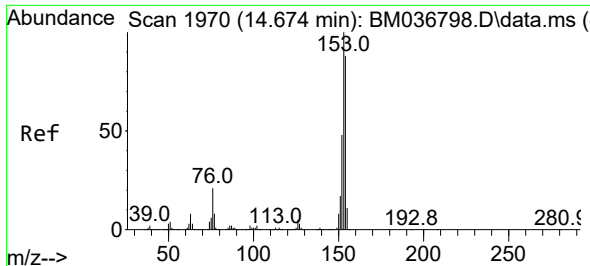
Ion Ratio Lower Upper

138 100

108 10.2 8.6 12.8

92 116.8 97.7 146.5

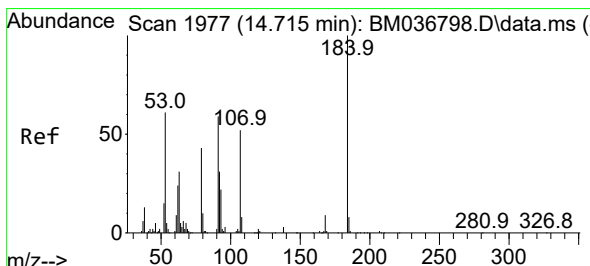
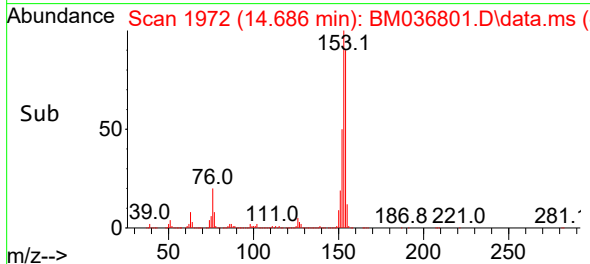
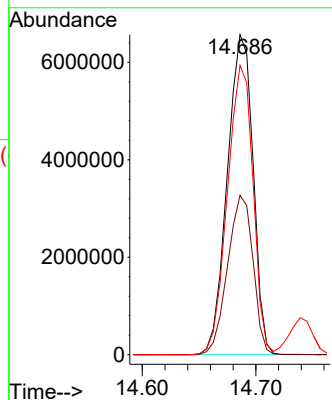
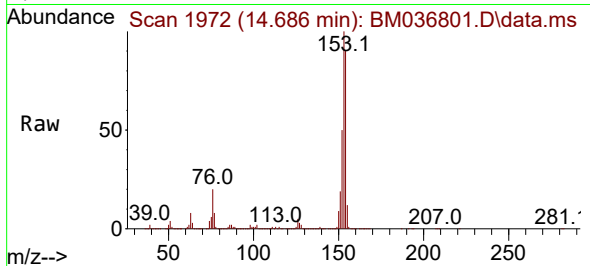




#52
Acenaphthene
Concen: 152.881 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

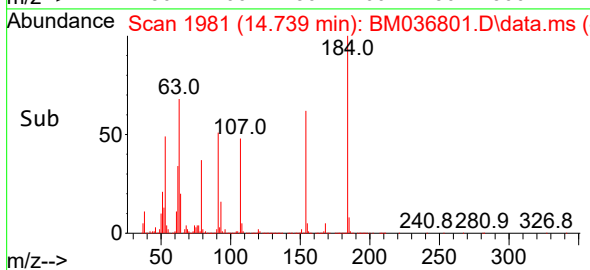
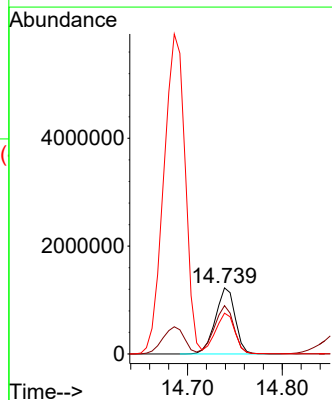
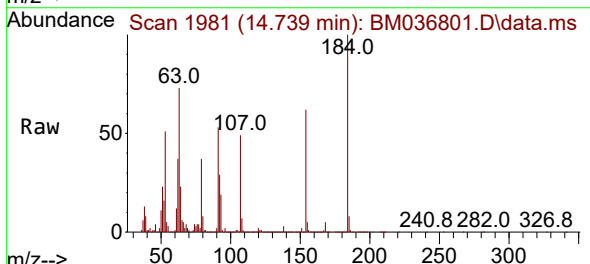
Instrument :
BNA_M
ClientSampleId :
SSTD160031

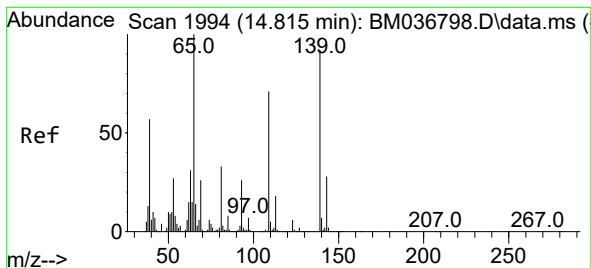
Tgt Ion:153 Resp:10344618
Ion Ratio Lower Upper
153 100
152 49.8 38.6 58.0
154 90.4 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 325.191 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.024 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:184 Resp: 1774527
Ion Ratio Lower Upper
184 100
63 73.1 69.2 103.8
154 61.8 51.9 77.9

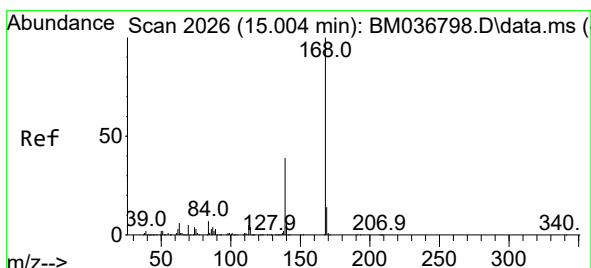
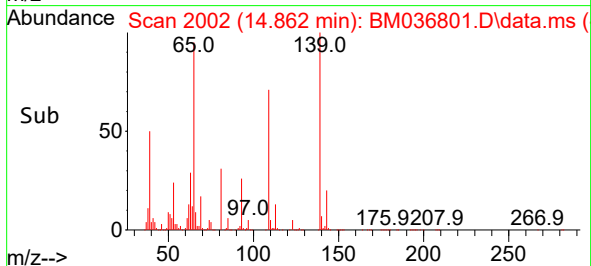
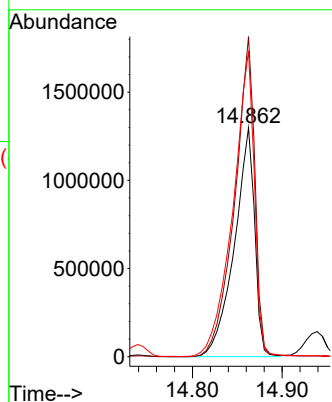
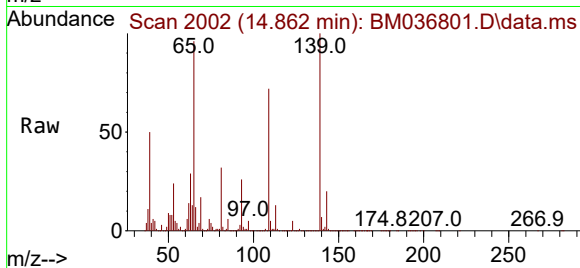




#55
4-Nitrophenol
Concen: 171.859 ng/ul
RT: 14.862 min Scan# 20
Delta R.T. 0.047 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

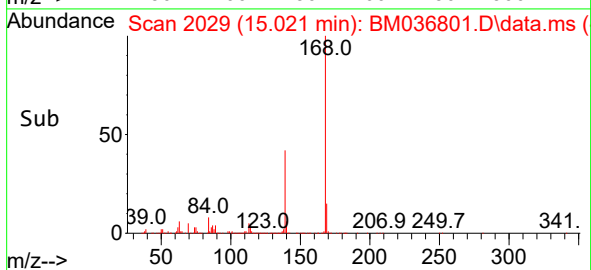
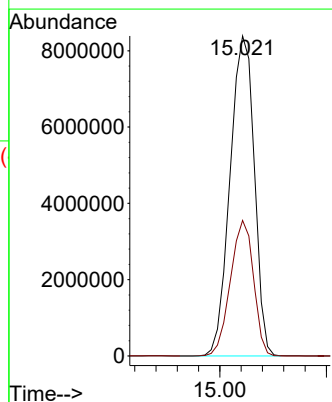
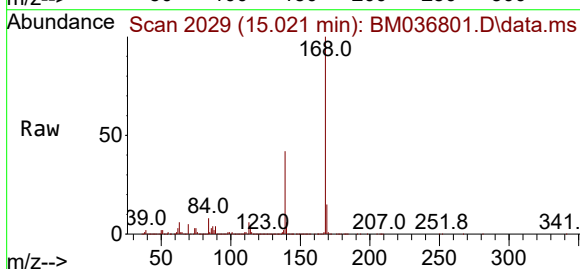
Instrument :
BNA_M
ClientSampleId :
SSTD160031

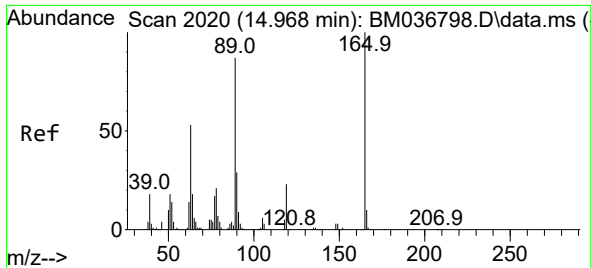
Tgt Ion:109 Resp: 2031926
Ion Ratio Lower Upper
109 100
139 139.8 104.7 157.1
65 133.7 113.8 170.6



#56
Dibenzofuran
Concen: 145.934 ng/ul
RT: 15.021 min Scan# 2029
Delta R.T. 0.018 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:168 Resp:13261265
Ion Ratio Lower Upper
168 100
139 42.3 31.6 47.4





#57

2,4-Dinitrotoluene

Concen: 216.880 ng/ul

RT: 14.998 min Scan# 20

Delta R.T. 0.029 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

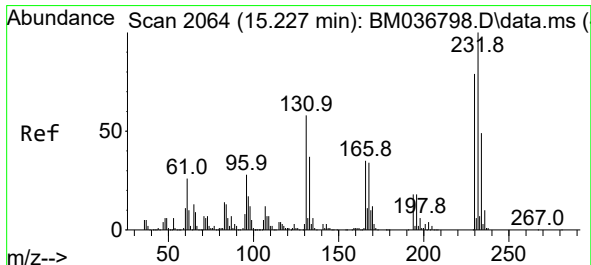
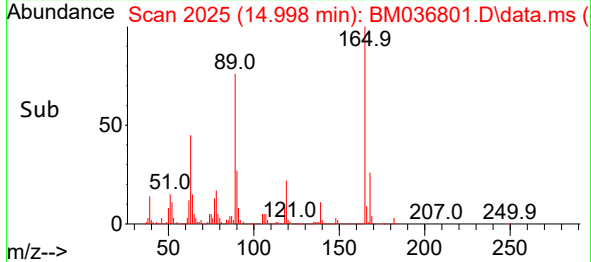
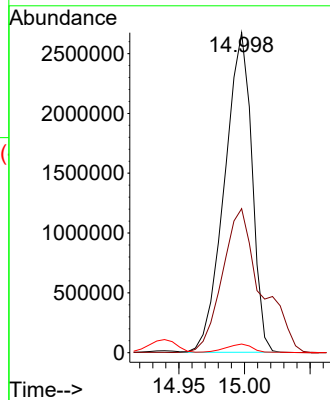
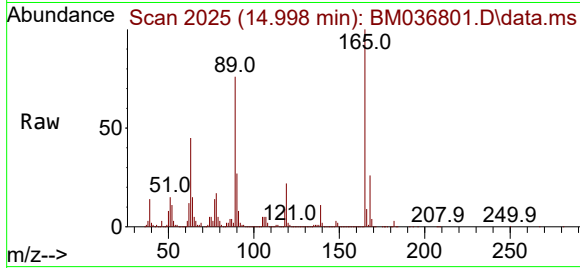
Tgt Ion:165 Resp: 3877543

Ion Ratio Lower Upper

165 100

63 45.0 42.2 63.4

182 2.7 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 181.590 ng/ul

RT: 15.245 min Scan# 2067

Delta R.T. 0.018 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Tgt Ion:232 Resp: 2986208

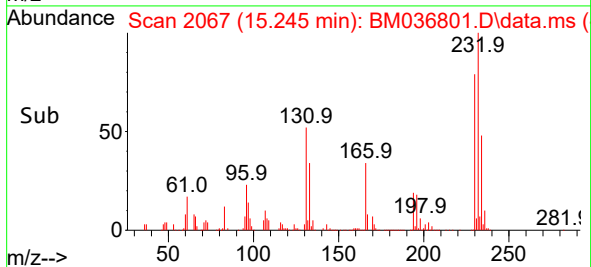
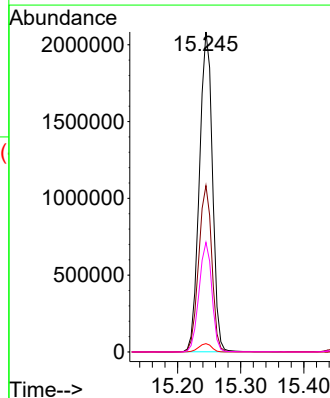
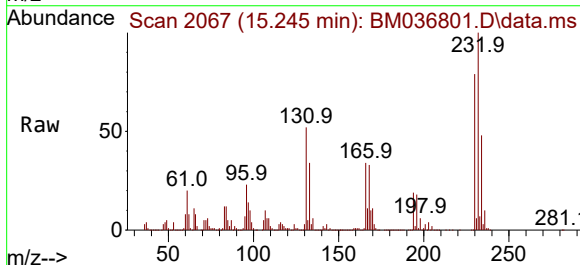
Ion Ratio Lower Upper

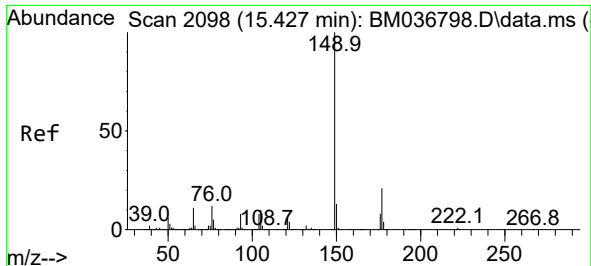
232 100

131 52.0 46.2 69.2

130 2.6 2.2 3.4

166 34.3 27.8 41.8

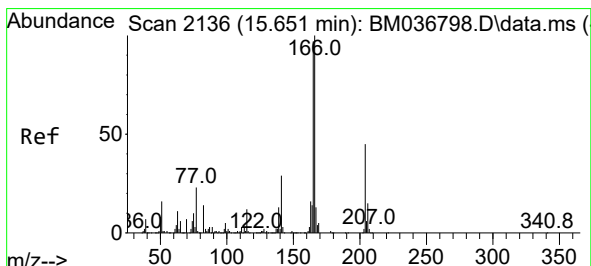
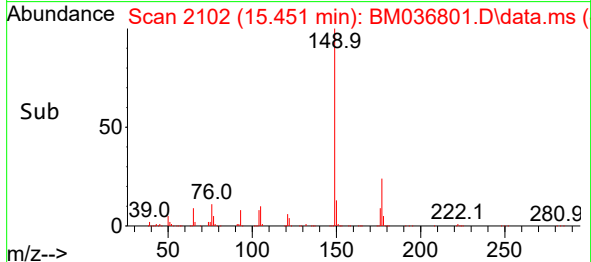
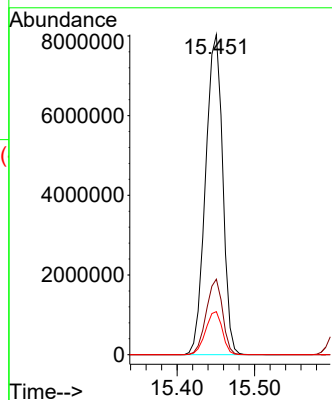
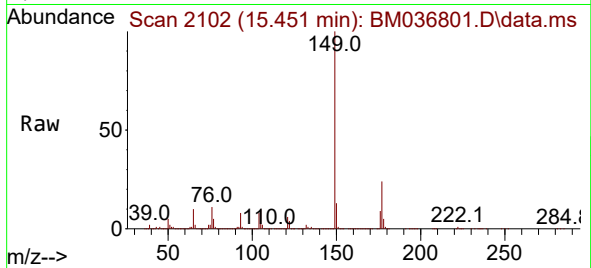




#59
Diethylphthalate
Concen: 162.362 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. 0.024 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

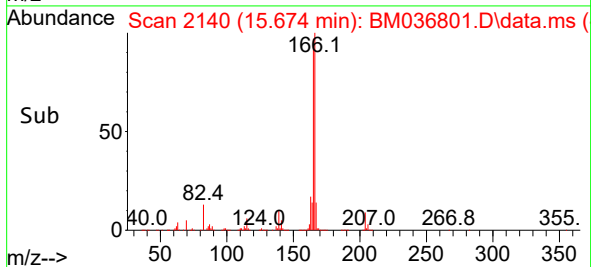
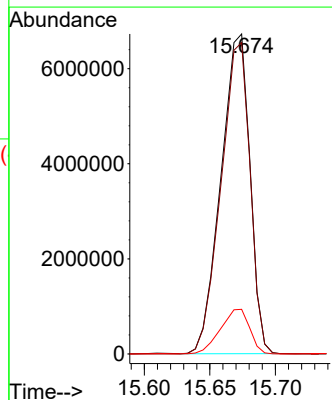
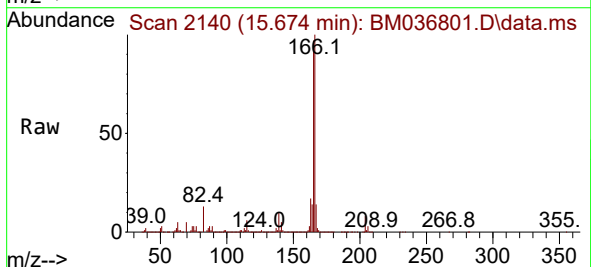
Instrument :
BNA_M
ClientSampleId :
SSTD160031

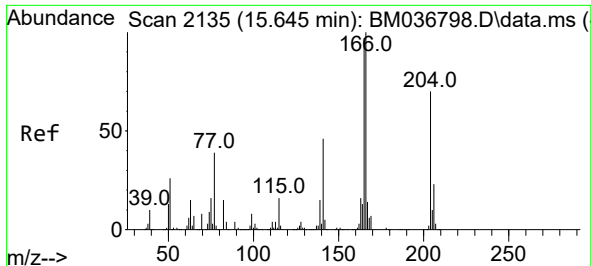
Tgt Ion:149 Resp:12294496
Ion Ratio Lower Upper
149 100
177 23.6 16.9 25.3
150 13.5 10.0 15.0



#61
Fluorene
Concen: 133.972 ng/ul
RT: 15.674 min Scan# 2140
Delta R.T. 0.024 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:166 Resp:10368741
Ion Ratio Lower Upper
166 100
165 97.3 77.7 116.5
167 14.0 10.6 16.0

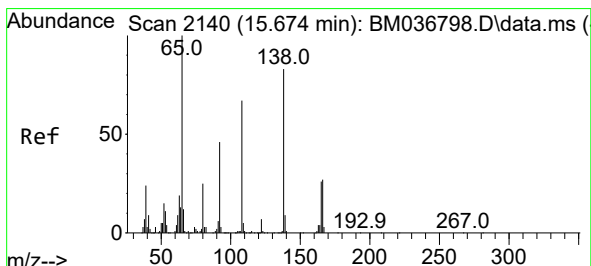
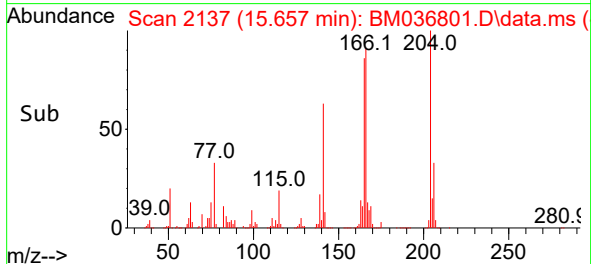
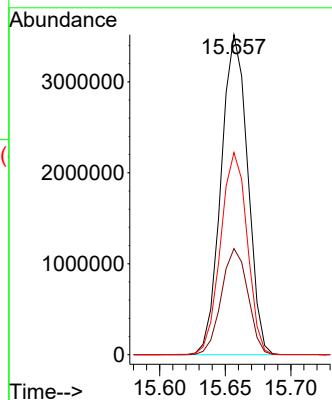
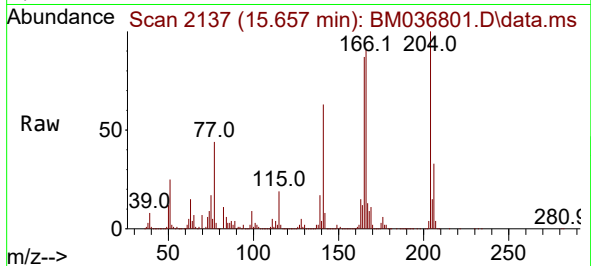




#62
4-Chlorophenyl-phenylether
Concen: 133.913 ng/ul
RT: 15.657 min Scan# 2135
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

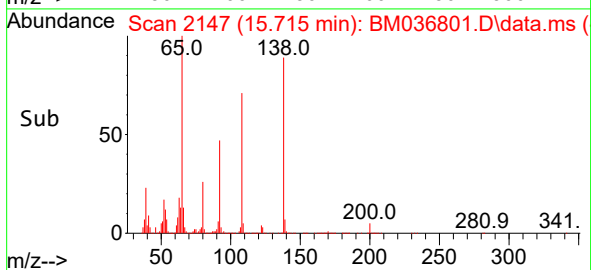
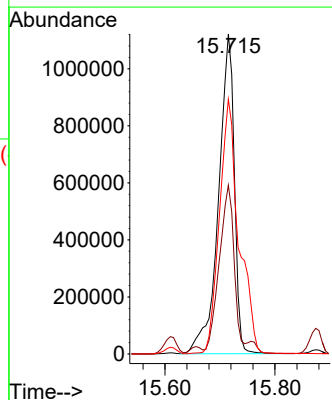
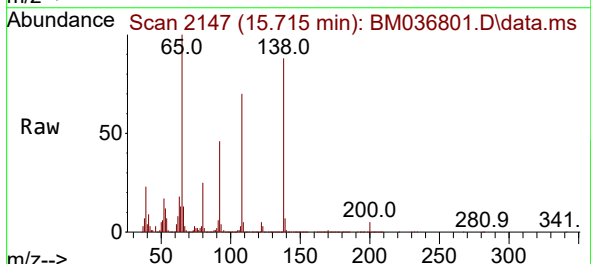
Instrument :
BNA_M
ClientSampleId :
SSTD160031

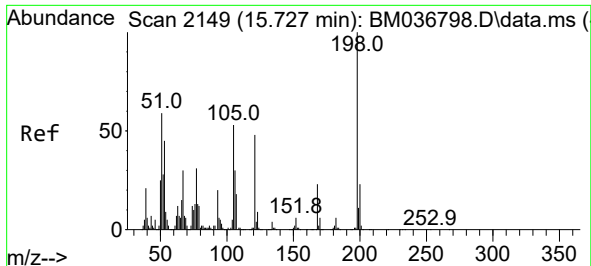
Tgt Ion:204 Resp: 4956614
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 63.2 52.4 78.6



#63
4-Nitroaniline
Concen: 156.095 ng/ul
RT: 15.715 min Scan# 2147
Delta R.T. 0.041 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:138 Resp: 2236917
Ion Ratio Lower Upper
138 100
92 52.7 44.3 66.5
108 79.6 64.2 96.4

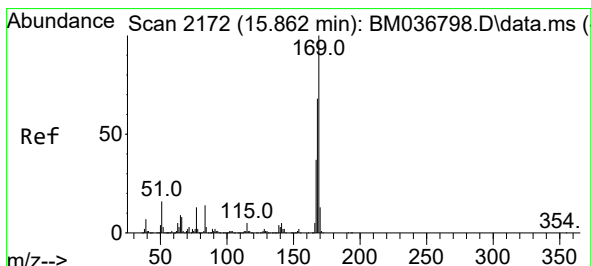
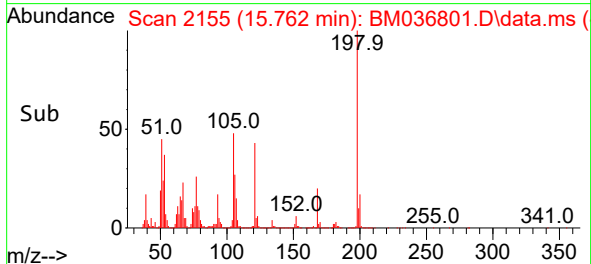
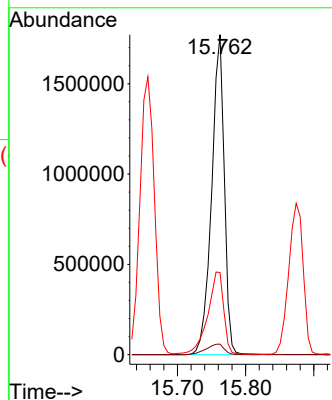
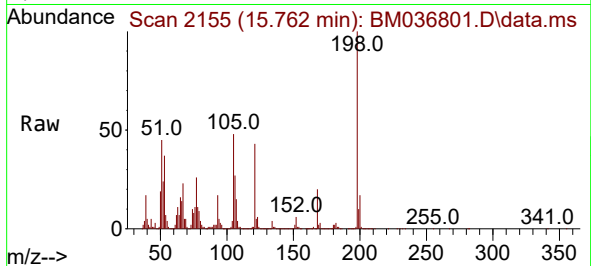




#66
4,6-Dinitro-2-methylphenol
Concen: 243.450 ng/ul
RT: 15.762 min Scan# 2149
Delta R.T. 0.035 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

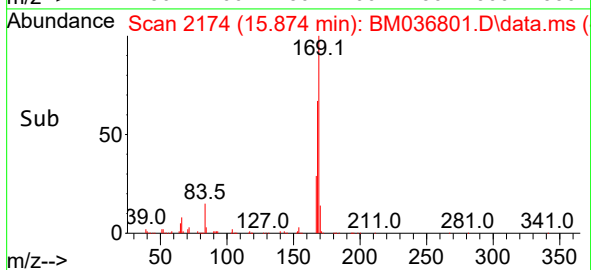
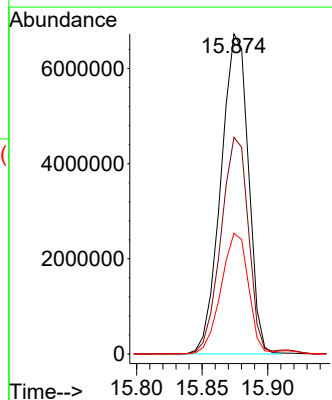
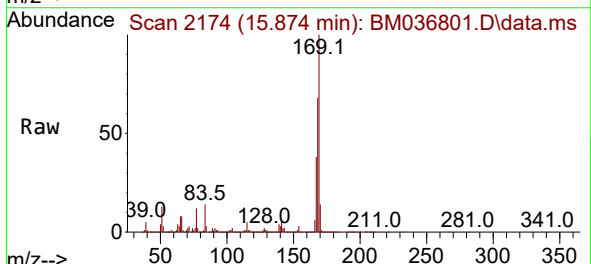
Instrument :
BNA_M
ClientSampleId :
SSTD160031

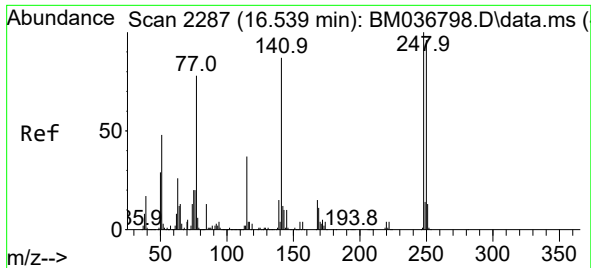
Tgt Ion:198 Resp: 2295029
Ion Ratio Lower Upper
198 100
182 3.3 4.6 7.0#
77 25.7 25.7 38.5#



#67
N-Nitrosodiphenylamine
Concen: 157.685 ng/ul
RT: 15.874 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:169 Resp: 9806348
Ion Ratio Lower Upper
169 100
168 67.7 54.3 81.5
167 37.8 29.7 44.5

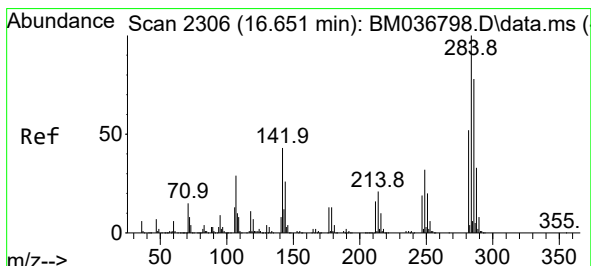
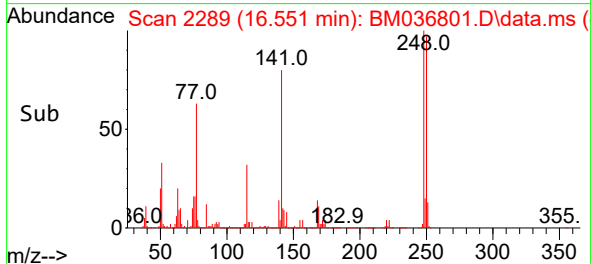
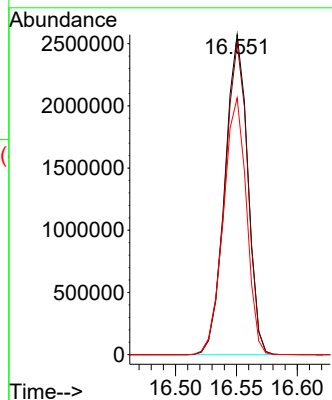
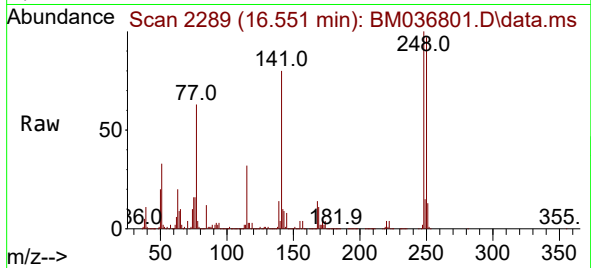




#68
4-Bromophenyl-phenylether
Concen: 161.407 ng/ul
RT: 16.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

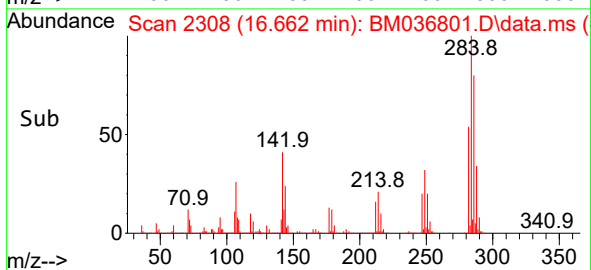
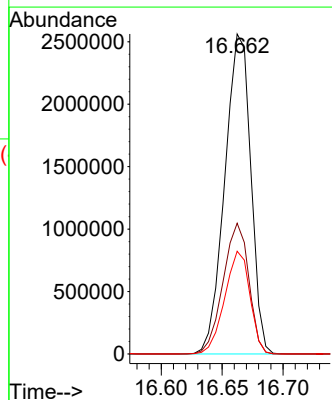
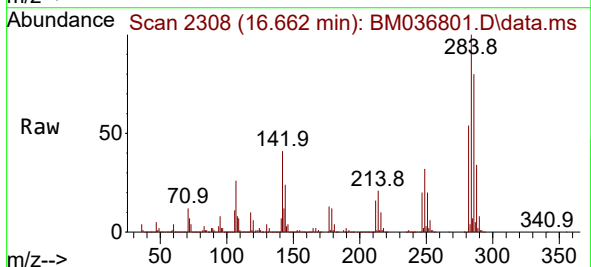
Instrument :
BNA_M
ClientSampleId :
SSTD160031

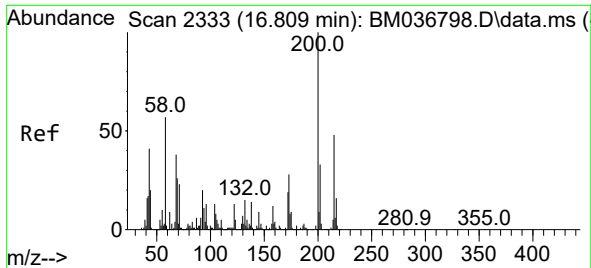
Tgt Ion:248 Resp: 3359164
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 80.3 69.9 104.9



#69
Hexachlorobenzene
Concen: 154.695 ng/ul
RT: 16.662 min Scan# 2308
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:284 Resp: 3807920
Ion Ratio Lower Upper
284 100
142 40.8 32.5 48.7
249 32.1 23.8 35.8

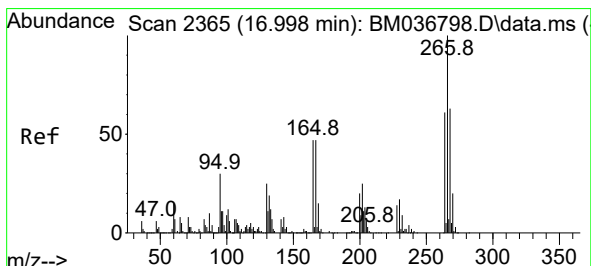
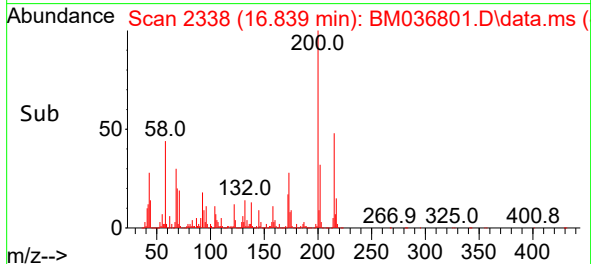
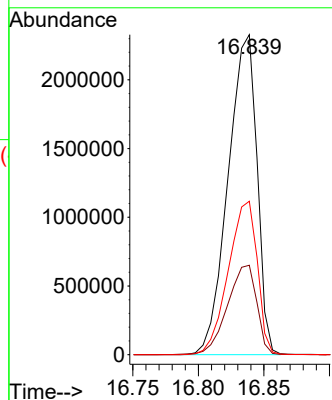
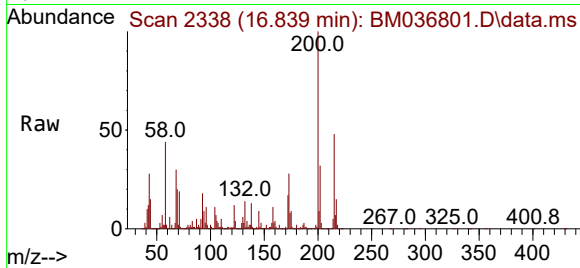




#70
Atrazine
Concen: 162.922 ng/ul
RT: 16.839 min Scan# 21
Delta R.T. 0.029 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

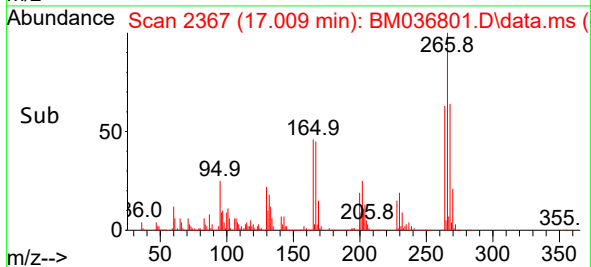
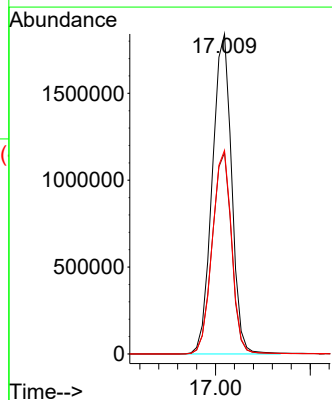
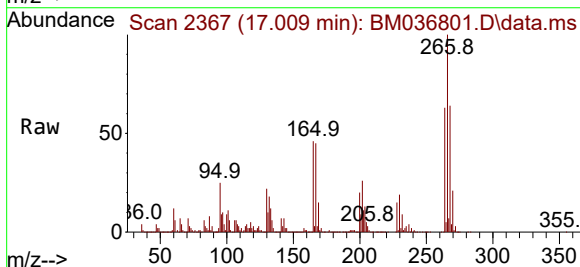
Instrument :
BNA_M
ClientSampleId :
SSTD160031

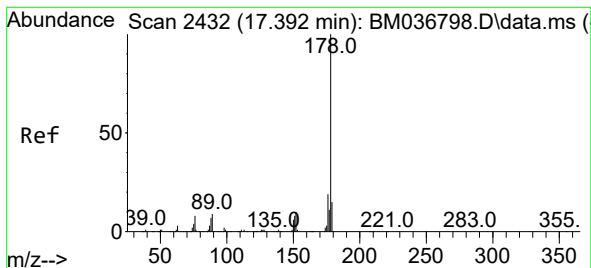
Tgt Ion:200 Resp: 3575369
Ion Ratio Lower Upper
200 100
173 27.9 22.5 33.7
215 48.0 38.5 57.7



#71
Pentachlorophenol
Concen: 178.818 ng/ul
RT: 17.009 min Scan# 2367
Delta R.T. 0.012 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:266 Resp: 2614616
Ion Ratio Lower Upper
266 100
264 62.9 48.7 73.1
268 63.6 50.5 75.7





#72

Phenanthrene

Concen: 129.138 ng/ul

RT: 17.492 min Scan# 2449

Delta R.T. 0.100 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

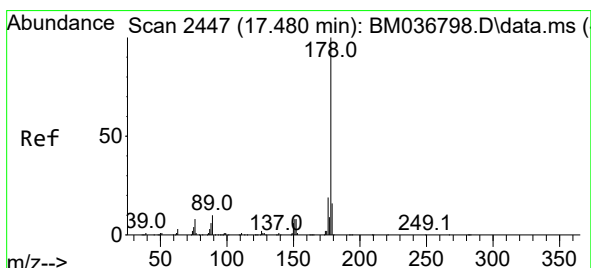
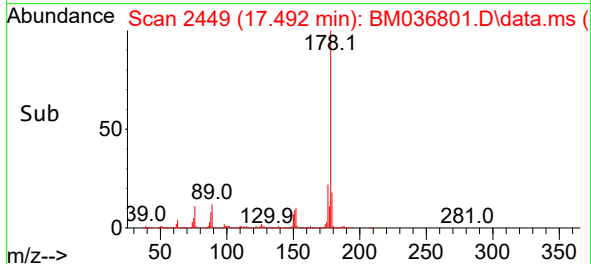
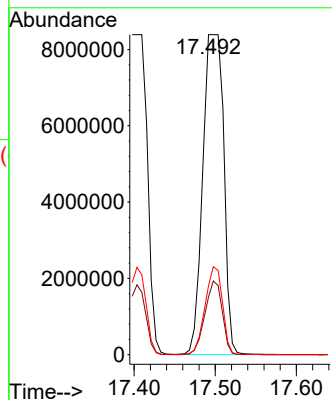
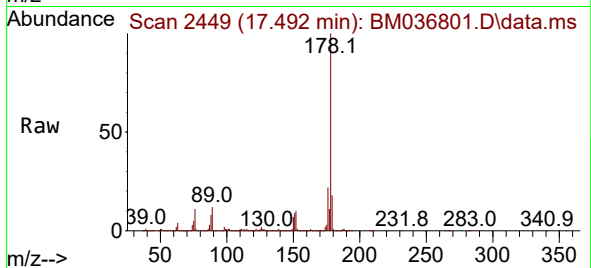
Tgt Ion:178 Resp:15019167

Ion Ratio Lower Upper

178 100

179 18.0 12.1 18.1

176 21.6 15.5 23.3



#74

Anthracene

Concen: 127.253 ng/ul

RT: 17.492 min Scan# 2449

Delta R.T. 0.012 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

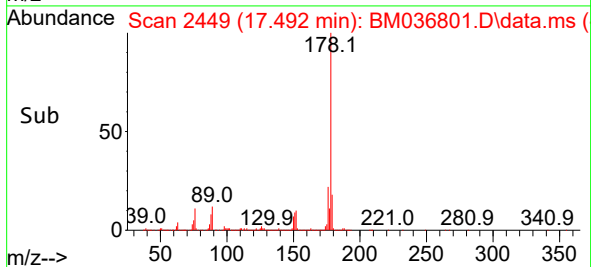
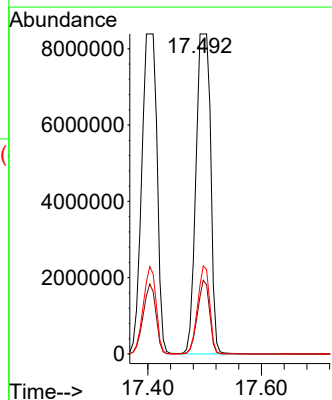
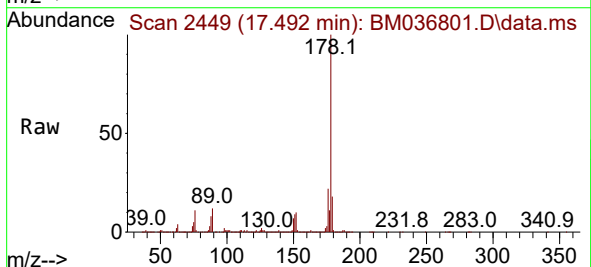
Tgt Ion:178 Resp:15043320

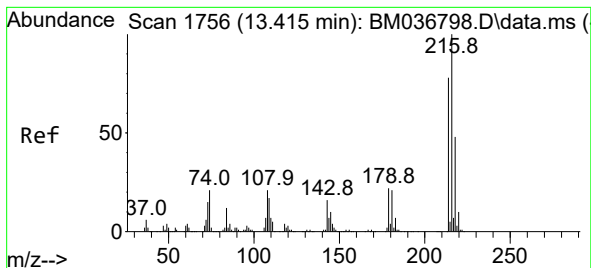
Ion Ratio Lower Upper

178 100

179 18.0 12.6 18.8

176 21.6 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 164.536 ng/uL

RT: 13.427 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

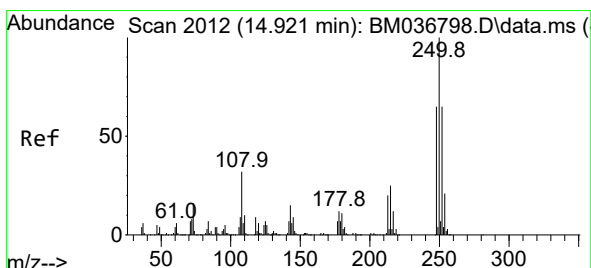
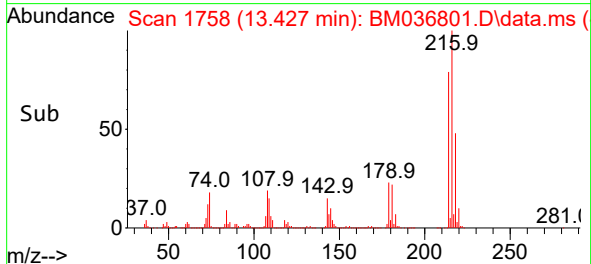
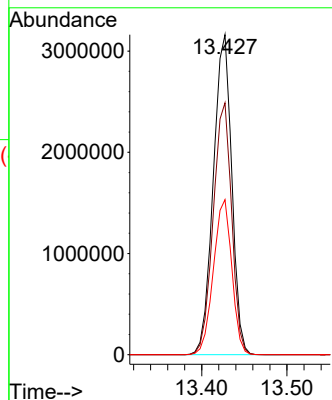
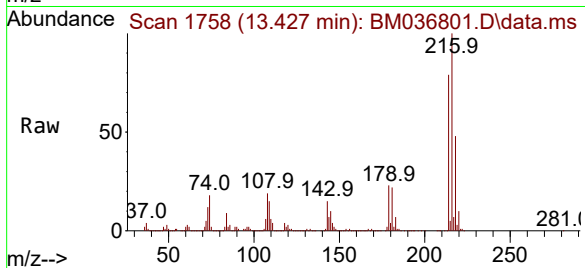
Tgt Ion:216 Resp: 4751718

Ion Ratio Lower Upper

216 100

214 78.7 62.6 93.8

218 48.5 38.2 57.4



#76

Pentachlorobenzene

Concen: 153.577 ng/uL

RT: 14.939 min Scan# 2015

Delta R.T. 0.018 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

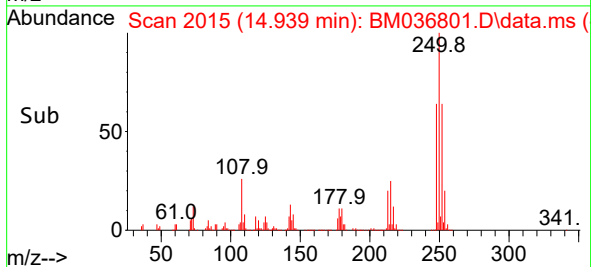
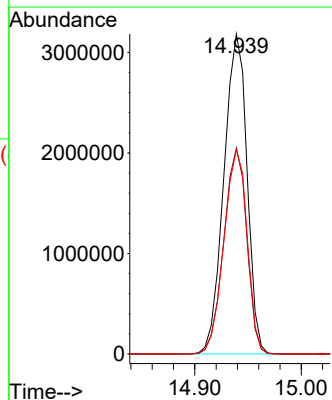
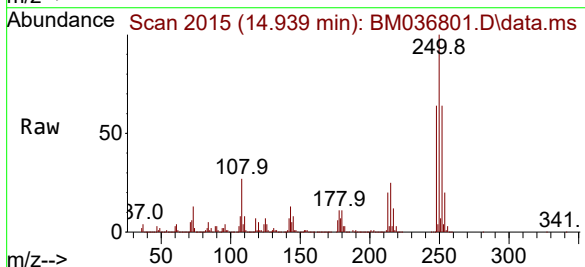
Tgt Ion:250 Resp: 4797040

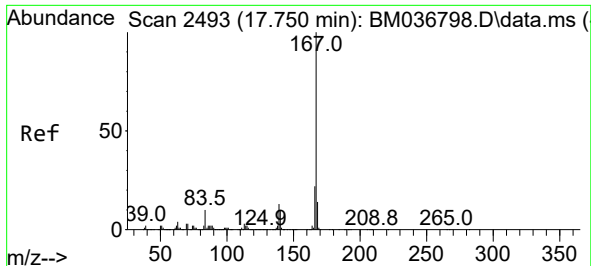
Ion Ratio Lower Upper

250 100

248 64.3 51.8 77.6

252 63.8 52.1 78.1

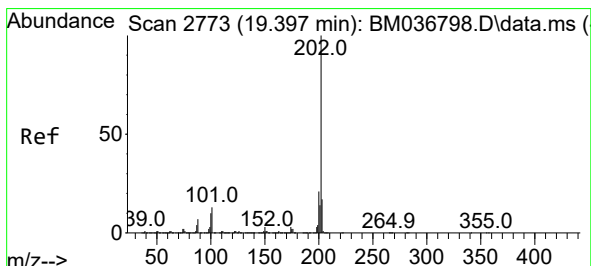
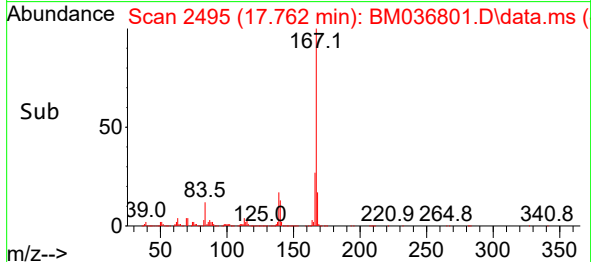
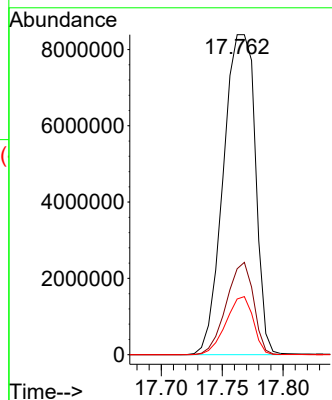
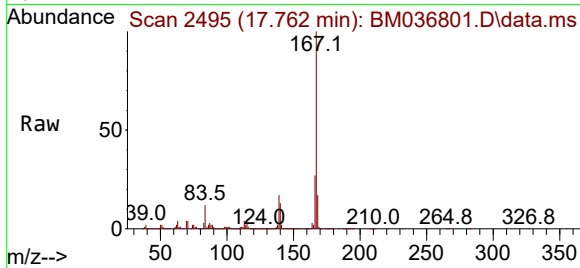




#77
 Carbazole
 Concen: 139.674 ng/ul
 RT: 17.762 min Scan# 2495
 Delta R.T. 0.012 min
 Lab File: BM036801.D
 Acq: 29 Sep 2022 14:53

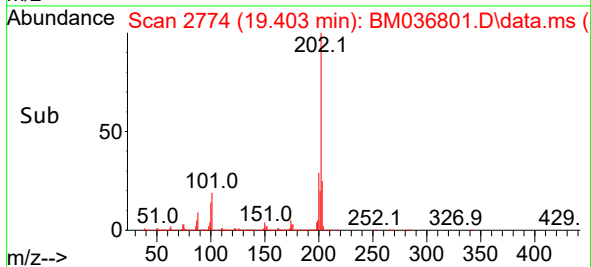
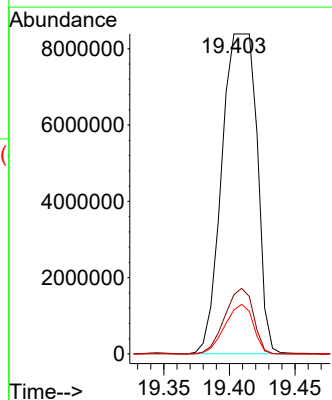
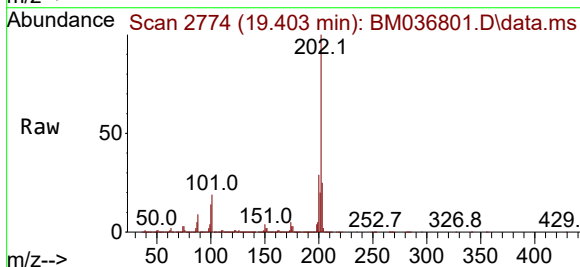
Instrument :
 BNA_M
 ClientSampleId :
 SSTD160031

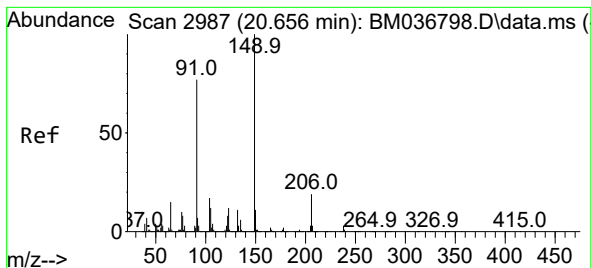
Tgt Ion:167 Resp:15287230
 Ion Ratio Lower Upper
 167 100
 166 26.8 17.4 26.0#
 139 17.4 10.8 16.2#



#80
 Fluoranthene
 Concen: 133.436 ng/ul
 RT: 19.403 min Scan# 2774
 Delta R.T. 0.006 min
 Lab File: BM036801.D
 Acq: 29 Sep 2022 14:53

Tgt Ion:202 Resp:15613692
 Ion Ratio Lower Upper
 202 100
 101 18.6 10.5 15.7#
 100 13.8 8.2 12.2#





#83

Butylbenzylphthalate

Concen: 208.433 ng/ul

RT: 20.662 min Scan# 2988

Delta R.T. 0.006 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

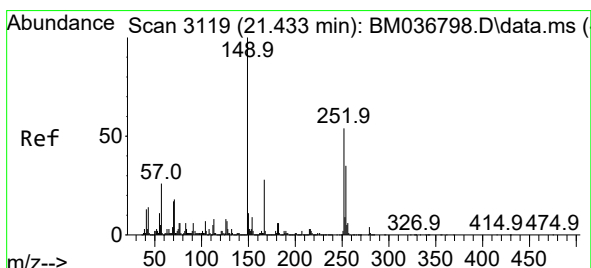
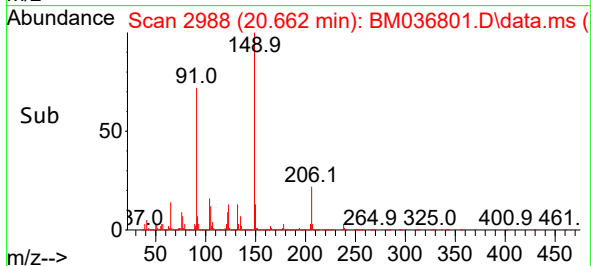
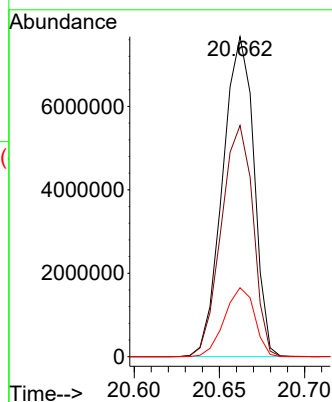
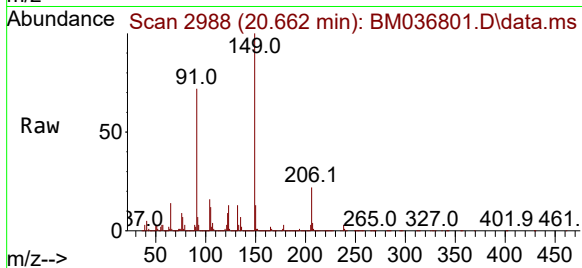
Tgt Ion:149 Resp: 9782573

Ion Ratio Lower Upper

149 100

91 72.2 61.8 92.8

206 21.6 15.0 22.6



#84

3,3'-Dichlorobenzidine

Concen: 142.967 ng/ul

RT: 21.450 min Scan# 3122

Delta R.T. 0.018 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

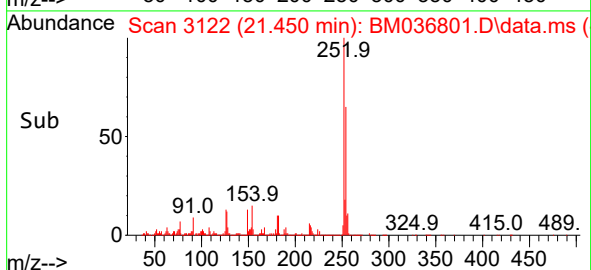
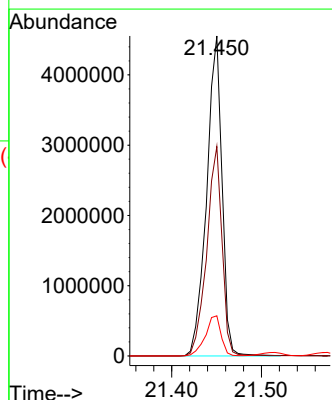
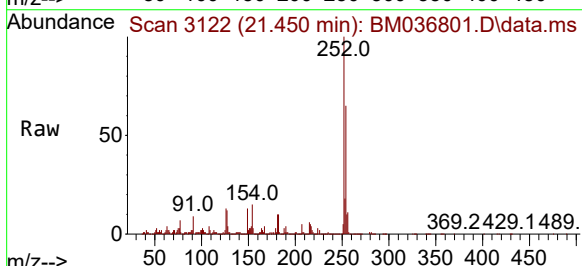
Tgt Ion:252 Resp: 5422109

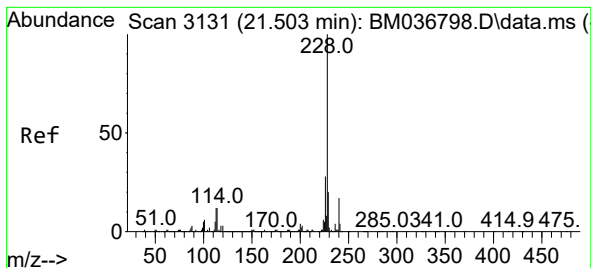
Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.8

126 12.6 11.5 17.3





#85

Benzo(a)anthracene

Concen: 134.233 ng/ul

RT: 21.509 min Scan# 3131

Delta R.T. 0.006 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

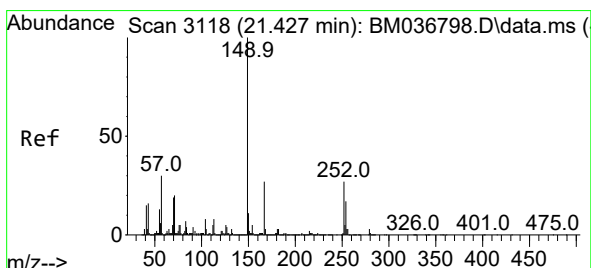
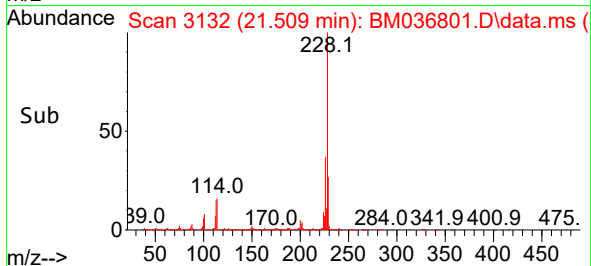
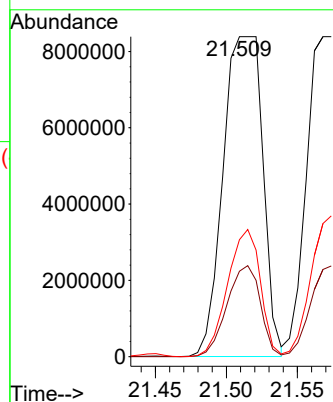
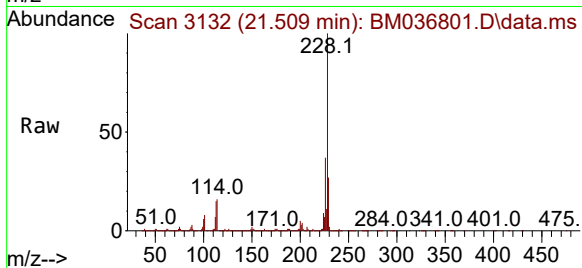
Tgt Ion:228 Resp:16324519

Ion Ratio Lower Upper

228 100

229 26.7 15.8 23.8#

226 36.5 22.1 33.1#



#86

Bis(2-ethylhexyl)phthalate

Concen: 164.144 ng/ul

RT: 21.433 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

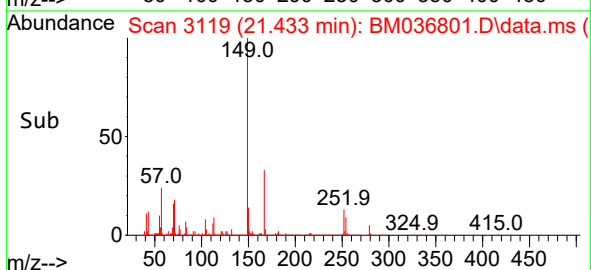
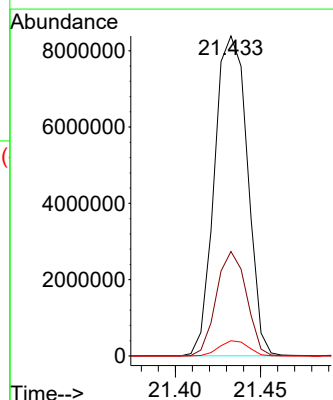
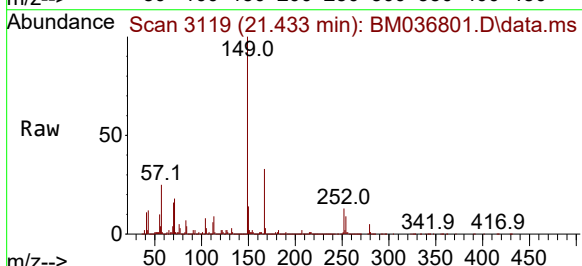
Tgt Ion:149 Resp:11253666

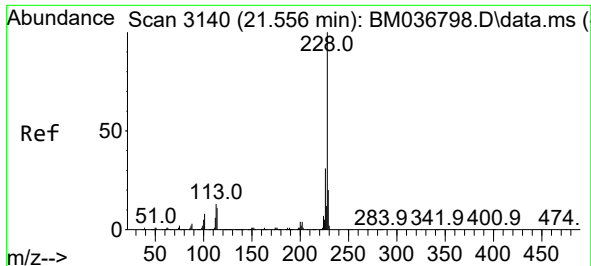
Ion Ratio Lower Upper

149 100

167 32.6 21.4 32.2#

279 4.8 2.5 3.7#

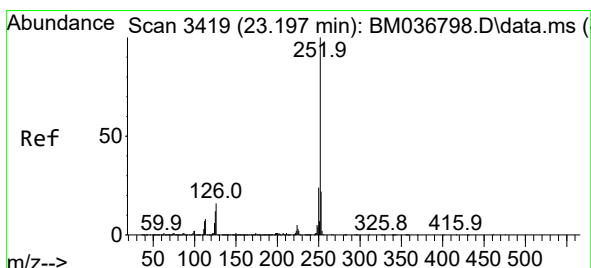
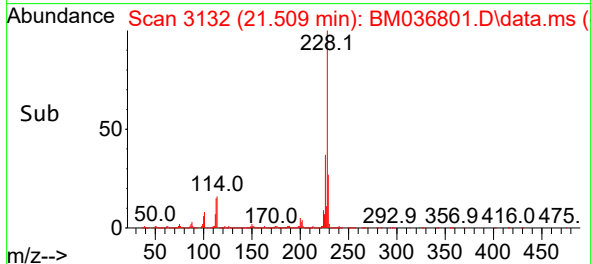
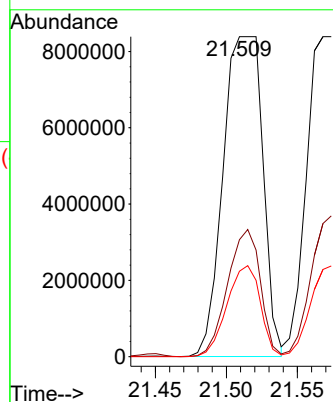
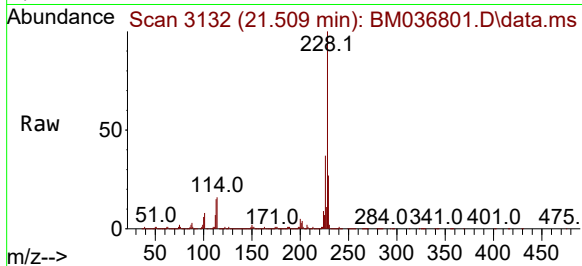




#87
Chrysene
Concen: 141.419 ng/ul
RT: 21.509 min Scan# 3140
Delta R.T. -0.047 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

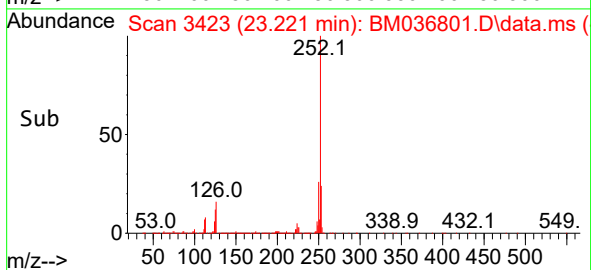
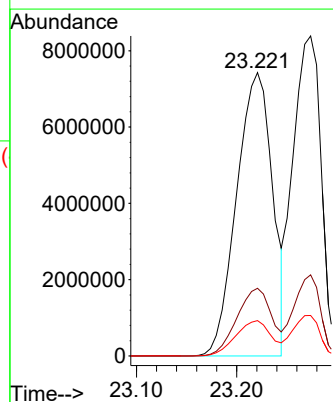
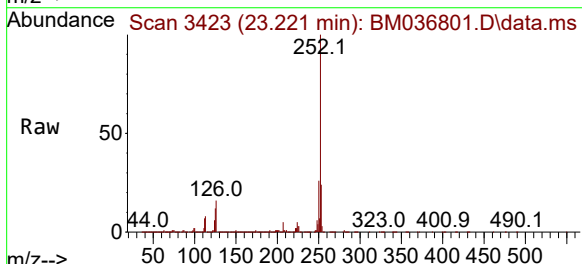
Instrument :
BNA_M
ClientSampleId :
SSTD160031

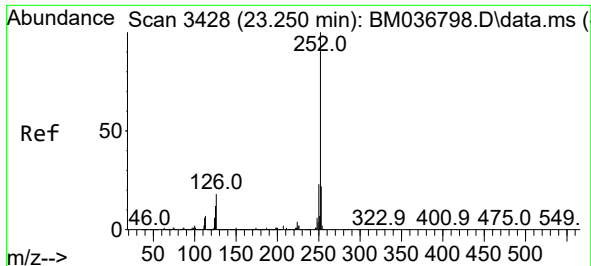
Tgt Ion:228 Resp:16324519
Ion Ratio Lower Upper
228 100
226 36.5 24.3 36.5#
229 26.7 15.8 23.6#



#90
Benzo(b)fluoranthene
Concen: 172.832 ng/ul
RT: 23.221 min Scan# 3423
Delta R.T. 0.024 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:252 Resp:18501233
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 12.5 9.9 14.9

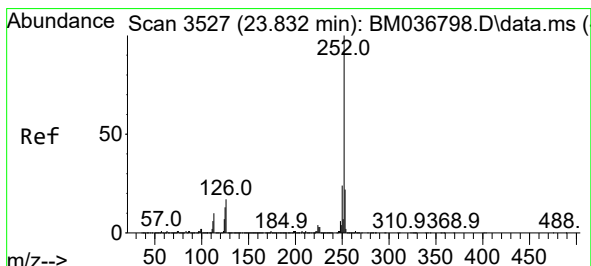
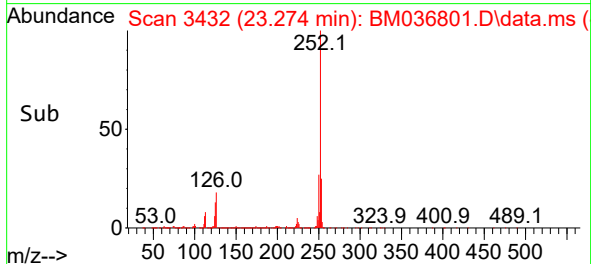
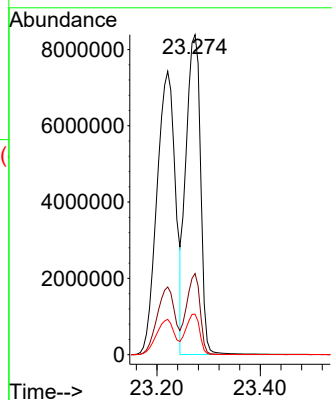
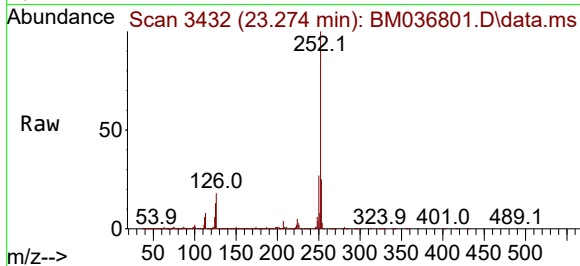




#91
Benzo(k)fluoranthene
Concen: 153.021 ng/ul
RT: 23.274 min Scan# 34
Delta R.T. 0.024 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

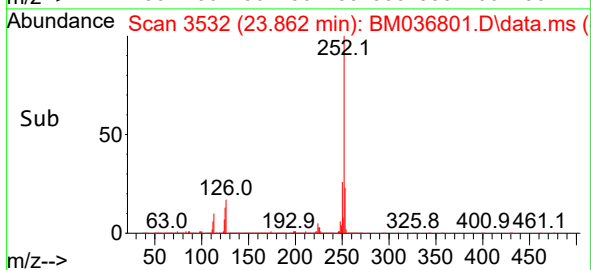
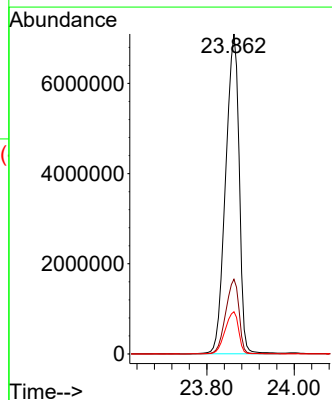
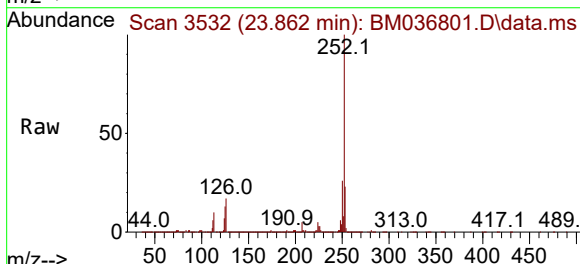
Instrument :
BNA_M
ClientSampleId :
SSTD160031

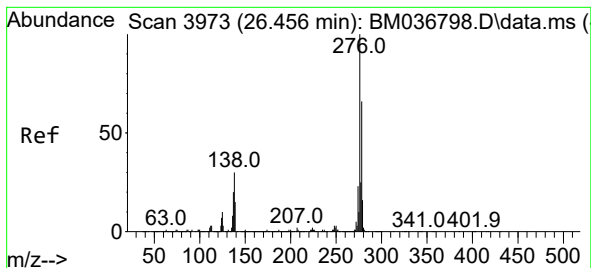
Tgt Ion:252 Resp:16367790
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 12.6 9.7 14.5



#93
Benzo(a)pyrene
Concen: 161.458 ng/ul
RT: 23.862 min Scan# 3532
Delta R.T. 0.029 min
Lab File: BM036801.D
Acq: 29 Sep 2022 14:53

Tgt Ion:252 Resp:15194172
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 13.2 10.5 15.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 145.656 ng/ul

RT: 26.491 min Scan# 3979

Delta R.T. 0.035 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD160031

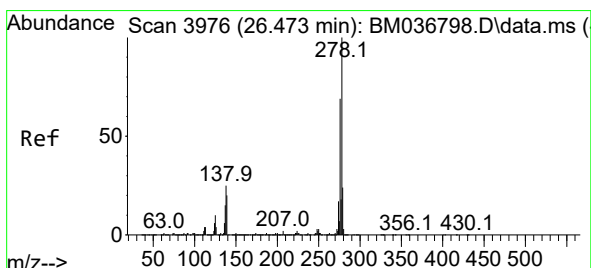
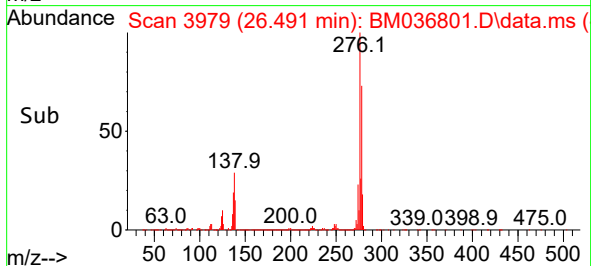
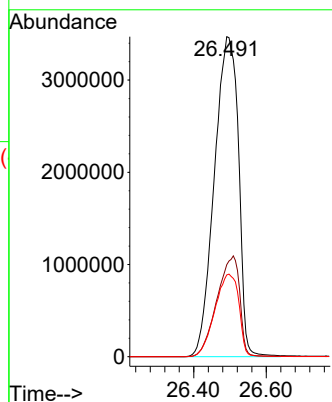
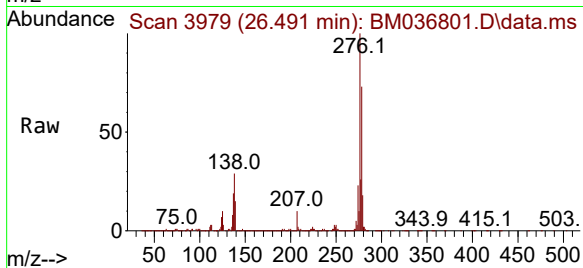
Tgt Ion:276 Resp:16006924

Ion Ratio Lower Upper

276 100

138 28.8 24.0 36.0

277 25.6 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 143.645 ng/ul

RT: 26.521 min Scan# 3984

Delta R.T. 0.047 min

Lab File: BM036801.D

Acq: 29 Sep 2022 14:53

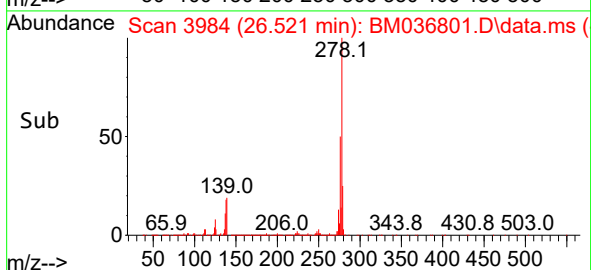
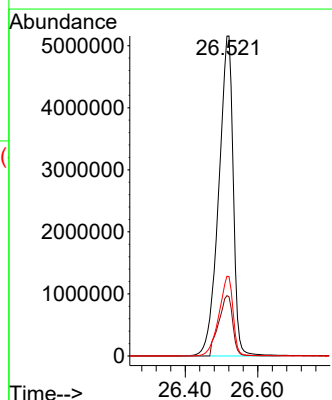
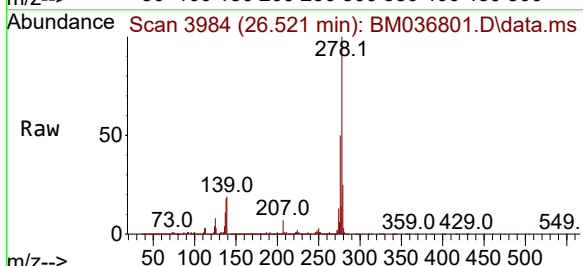
Tgt Ion:278 Resp:14316126

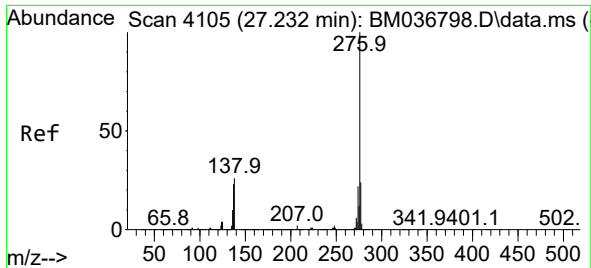
Ion Ratio Lower Upper

278 100

139 18.5 16.1 24.1

279 24.8 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 146.317 ng/ul
 RT: 27.285 min Scan# 41
 Delta R.T. 0.053 min
 Lab File: BM036801.D
 Acq: 29 Sep 2022 14:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTD160031

Tgt Ion:276 Resp:13939687
 Ion Ratio Lower Upper
 276 100
 138 25.2 21.0 31.4
 277 24.6 19.1 28.7

