

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036189.D
 Acq On : 10 Aug 2022 13:08
 Operator : CG/JU
 Sample : PB146851BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146851BS

Quant Time: Aug 10 22:22:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	280527	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1156949	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	610984	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1082783	20.000	ng	0.00
76) Chrysene-d12	21.397	240	860082	20.000	ng	0.00
86) Perylene-d12	23.744	264	814056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2314435	133.759	ng	0.00
7) Phenol-d6	7.040	99	2879096	130.768	ng	0.00
23) Nitrobenzene-d5	9.010	82	1725726	83.496	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	865451	120.744	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3560914	86.051	ng	0.00
79) Terphenyl-d14	19.845	244	4152257	95.225	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	205271	29.441	ng	95
3) Pyridine	3.687	79	605531	32.387	ng	87
4) n-Nitrosodimethylamine	3.593	42	316609	41.208	ng	# 67
6) Aniline	7.169	93	1096885	44.989	ng	95
8) 2-Chlorophenol	7.410	128	822596	44.589	ng	95
9) Benzaldehyde	6.981	77	393247	33.738	ng	95
10) Phenol	7.069	94	1034278	46.655	ng	91
11) bis(2-Chloroethyl)ether	7.269	93	746699	40.888	ng	93
12) 1,3-Dichlorobenzene	7.722	146	822982	40.256	ng	98
13) 1,4-Dichlorobenzene	7.869	146	848360	40.692	ng	99
14) 1,2-Dichlorobenzene	8.187	146	821505	40.838	ng	99
15) Benzyl Alcohol	8.092	79	681689	46.139	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	968750	39.894	ng	96
17) 2-Methylphenol	8.310	107	661102	45.050	ng	95
18) Hexachloroethane	8.910	117	303580	40.450	ng	95
19) n-Nitroso-di-n-propyla...	8.651	70	547765	40.959	ng	88
20) 3+4-Methylphenols	8.639	107	885744	44.426	ng	96
22) Acetophenone	8.669	105	1155557	42.193	ng	# 92
24) Nitrobenzene	9.051	77	850602	43.777	ng	96
25) Isophorone	9.581	82	1489994	44.315	ng	97
26) 2-Nitrophenol	9.757	139	423757	46.239	ng	92
27) 2,4-Dimethylphenol	9.839	122	714599	50.336	ng	97
28) bis(2-Chloroethoxy)met...	10.063	93	924733	38.604	ng	99
29) 2,4-Dichlorophenol	10.304	162	706607	44.260	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	710249	39.257	ng	97
31) Naphthalene	10.692	128	2397846	41.687	ng	99
32) Benzoic acid	10.010	122	496091	44.083	ng	93
33) 4-Chloroaniline	10.816	127	796562	34.362	ng	96
34) Hexachlorobutadiene	10.963	225	409141	38.485	ng	97
35) Caprolactam	11.622	113	209933	42.691	ng	92
36) 4-Chloro-3-methylphenol	11.963	107	710917	42.365	ng	100
37) 2-Methylnaphthalene	12.304	142	1574959	41.146	ng	97
38) 1-Methylnaphthalene	12.522	142	1503175	40.101	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	736681	44.474	ng	99
41) Hexachlorocyclopentadiene	12.639	237	912397	104.001	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	507005	44.982	ng	99

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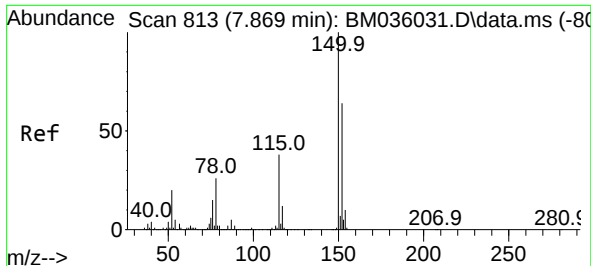
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	543532	45.682	ng	98
46) 1,1'-Biphenyl	13.316	154	1950100	43.796	ng	99
47) 2-Chloronaphthalene	13.357	162	1514449	44.439	ng	99
48) 2-Nitroaniline	13.574	65	439478	47.320	ng	92
49) Acenaphthylene	14.204	152	2388338	45.337	ng	99
50) Dimethylphthalate	13.945	163	1696630	40.834	ng	99
51) 2,6-Dinitrotoluene	14.068	165	380985	45.701	ng	92
52) Acenaphthene	14.545	154	1405810	40.796	ng	99
53) 3-Nitroaniline	14.404	138	346220	35.596	ng	94
54) 2,4-Dinitrophenol	14.610	184	432685	98.082	ng	88
55) Dibenzofuran	14.874	168	2164265	41.940	ng	98
56) 4-Nitrophenol	14.745	139	709036	91.096	ng	85
57) 2,4-Dinitrotoluene	14.857	165	506465	46.351	ng	98
58) Fluorene	15.527	166	1728445	42.462	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	416336	41.307	ng	97
60) Diethylphthalate	15.304	149	1656193	38.788	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	802367	39.530	ng	96
62) 4-Nitroaniline	15.568	138	389167	38.894	ng	90
63) Azobenzene	15.815	77	1622416	39.970	ng	94
65) 4,6-Dinitro-2-methylph...	15.615	198	250030	45.161	ng	93
66) n-Nitrosodiphenylamine	15.739	169	1427025	46.686	ng	100
67) 4-Bromophenyl-phenylether	16.415	248	468877	43.292	ng	93
68) Hexachlorobenzene	16.521	284	564478	45.424	ng	93
69) Atrazine	16.698	200	455364	53.241	ng	97
70) Pentachlorophenol	16.874	266	653345	89.770	ng	99
71) Phenanthrene	17.262	178	2491620	45.168	ng	99
72) Anthracene	17.351	178	2512012	47.036	ng	99
73) Carbazole	17.633	167	2332919	43.112	ng	99
74) Di-n-butylphthalate	18.192	149	2575737	39.874	ng	100
75) Fluoranthene	19.274	202	2615327	42.354	ng	99
77) Benzidine	19.474	184	1549550	120.132	ng	99
78) Pyrene	19.639	202	2691609	50.467	ng	100
80) Butylbenzylphthalate	20.539	149	1048731	45.559	ng	99
81) Benzo(a)anthracene	21.386	228	2375948	44.850	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	797013	61.960	ng	100
83) Chrysene	21.439	228	2223433	44.152	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1408523	40.559	ng	99
85) Di-n-octyl phthalate	22.221	149	2273812	40.119	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.185	276	2660749	46.511	ng	98
88) Benzo(b)fluoranthene	23.033	252	2335312	48.964	ng	99
89) Benzo(k)fluoranthene	23.080	252	2226077	46.211	ng	98
90) Benzo(a)pyrene	23.644	252	2044702	51.096	ng	99
91) Dibenzo(a,h)anthracene	26.203	278	2329113	48.639	ng	99
92) Benzo(g,h,i)perylene	26.938	276	2346560	50.618	ng	99

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

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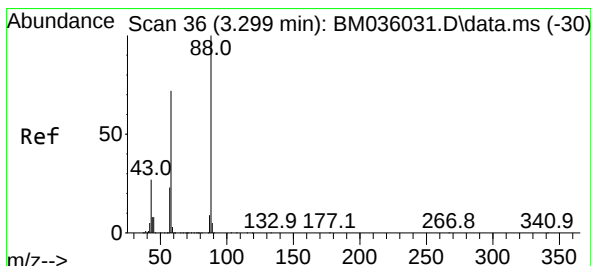
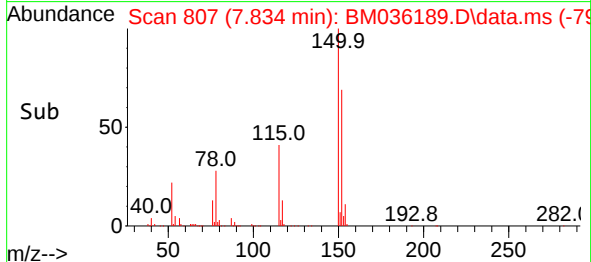
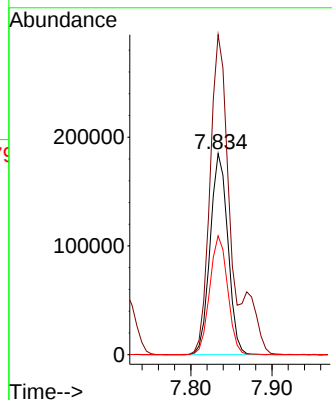
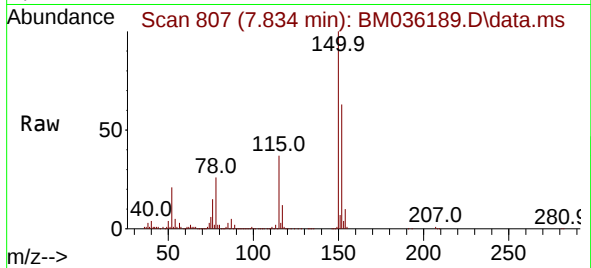




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036189.D
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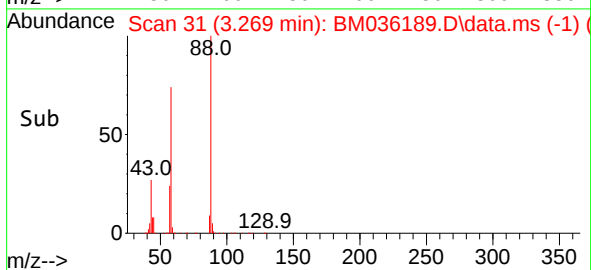
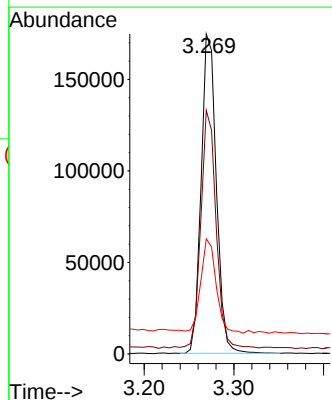
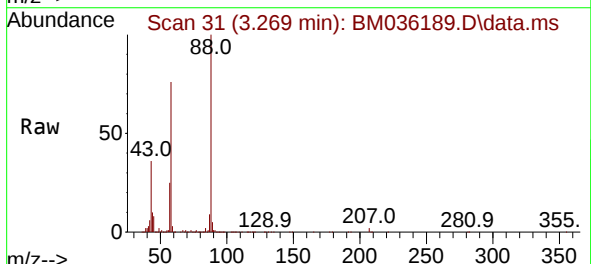
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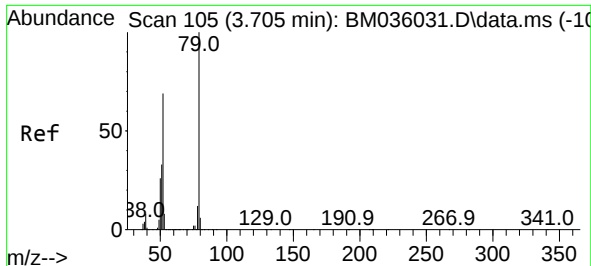
Tgt Ion:152 Resp: 280527
Ion Ratio Lower Upper
152 100
150 159.2 124.9 187.3
115 59.1 47.9 71.9



#2
1,4-Dioxane
Concen: 29.441 ng
RT: 3.269 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion: 88 Resp: 205271
Ion Ratio Lower Upper
88 100
58 75.0 62.3 93.5
43 29.9 28.7 43.1

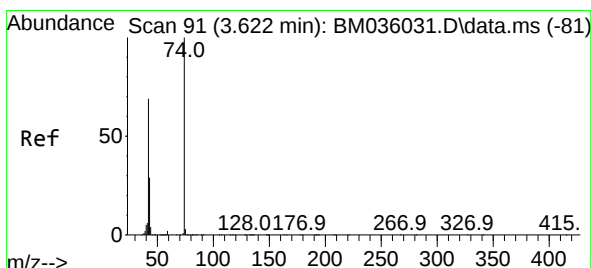
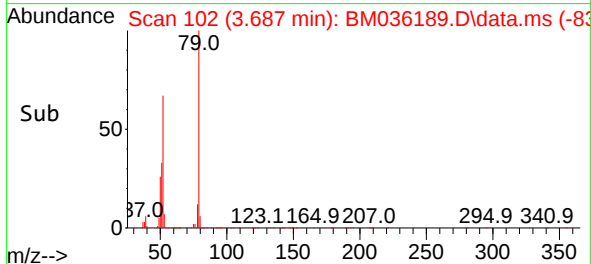
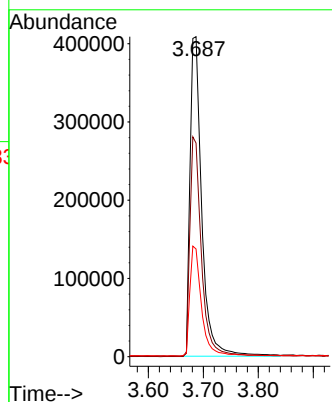
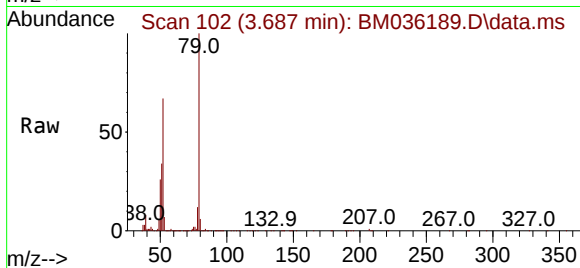




#3
Pyridine
Concen: 32.387 ng
RT: 3.687 min Scan# 105
Delta R.T. 0.012 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

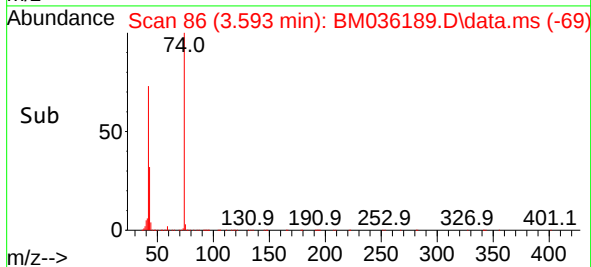
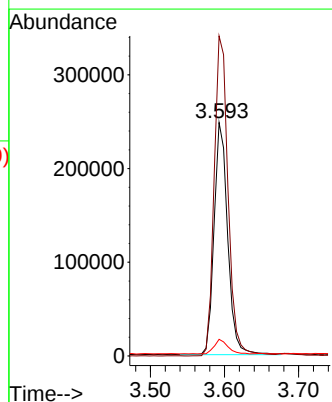
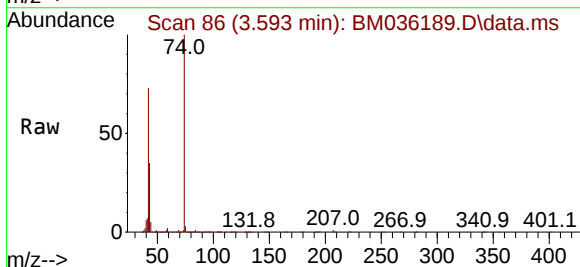
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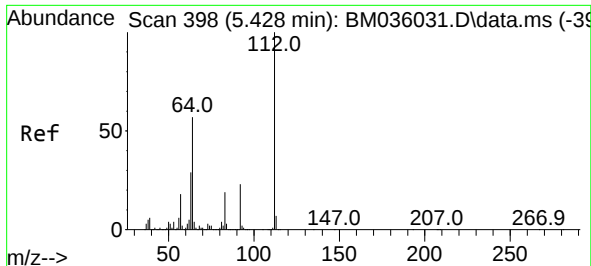
Tgt Ion: 79 Resp: 605531
Ion Ratio Lower Upper
79 100
52 66.8 61.9 92.9
51 33.6 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 41.208 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion: 42 Resp: 316609
Ion Ratio Lower Upper
42 100
74 137.1 81.6 122.4
44 7.1 5.2 7.8

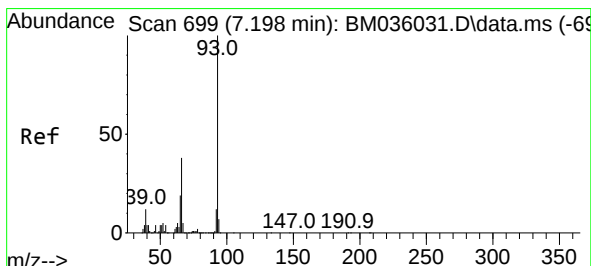
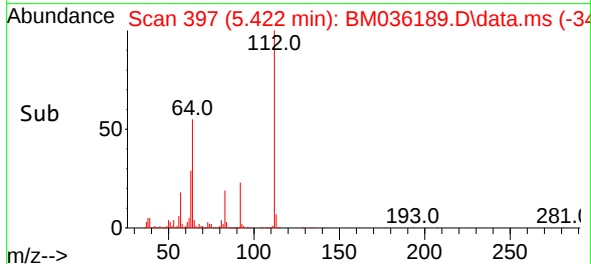
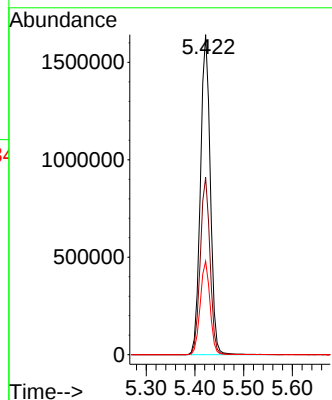
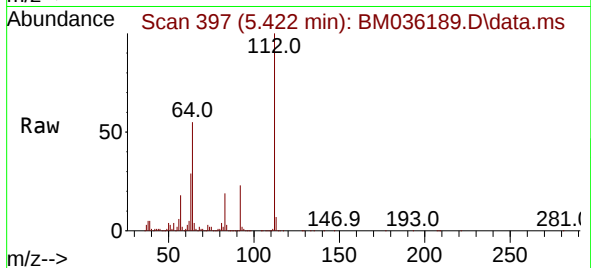




#5
2-Fluorophenol
Concen: 133.759 ng
RT: 5.422 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

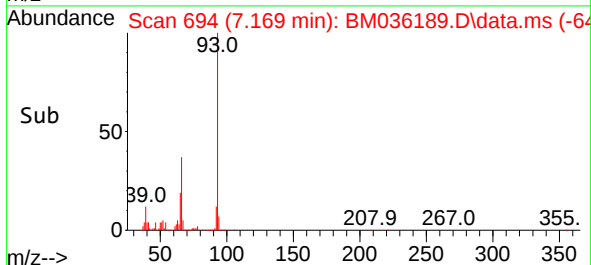
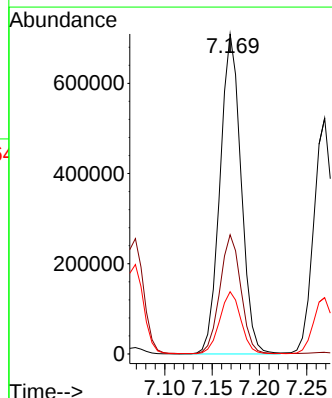
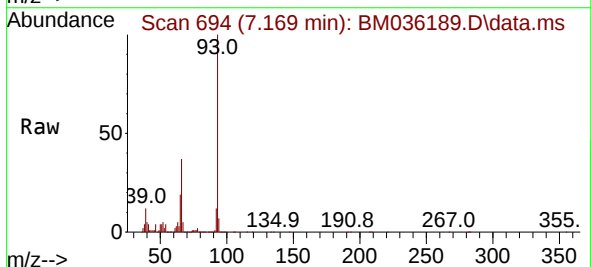
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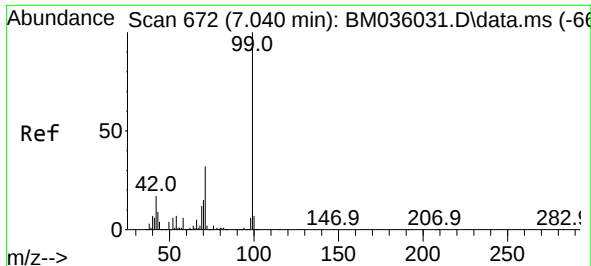
Tgt Ion:112 Resp: 2314435
Ion Ratio Lower Upper
112 100
64 55.4 47.8 71.6
63 29.2 26.6 40.0



#6
Aniline
Concen: 44.989 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion: 93 Resp: 1096885
Ion Ratio Lower Upper
93 100
66 37.3 32.6 49.0
65 19.4 16.8 25.2

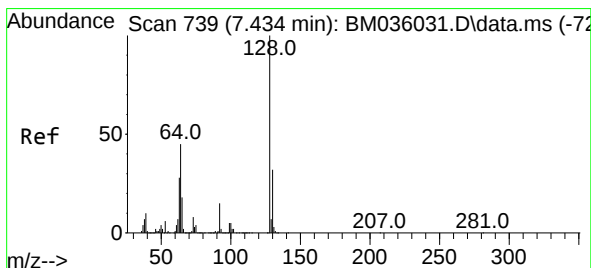
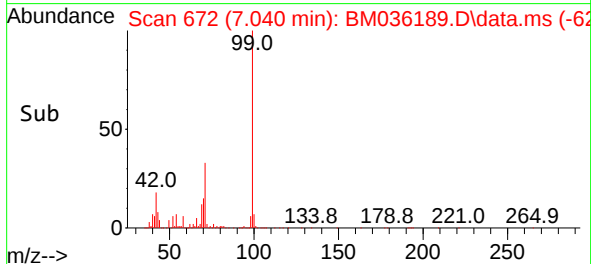
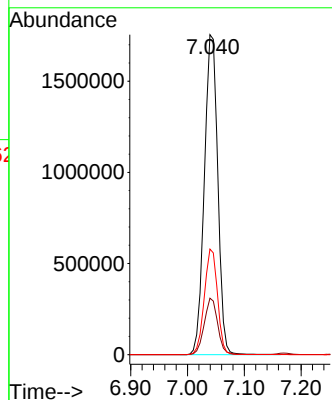
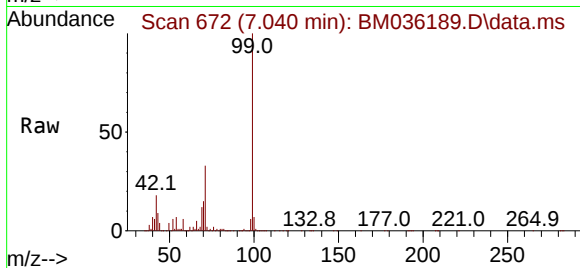




#7
Phenol-d6
Concen: 130.768 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

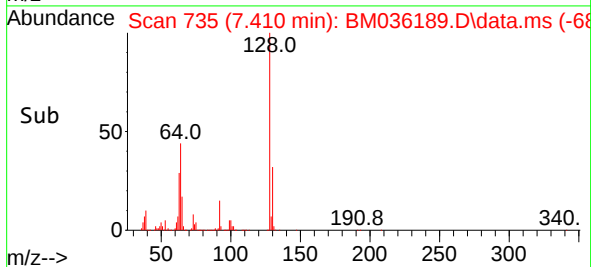
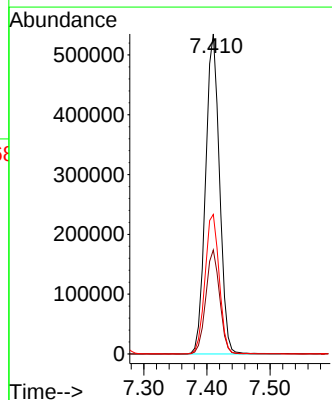
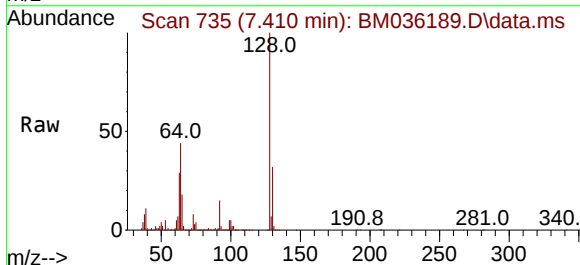
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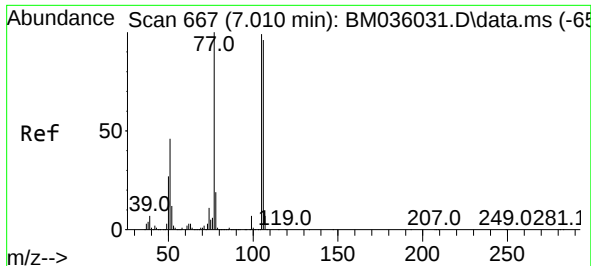
Tgt Ion: 99 Resp: 2879096
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 33.0 30.2 45.2



#8
2-Chlorophenol
Concen: 44.589 ng
RT: 7.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion: 128 Resp: 822596
Ion Ratio Lower Upper
128 100
130 32.5 10.9 50.9
64 43.6 28.2 68.2

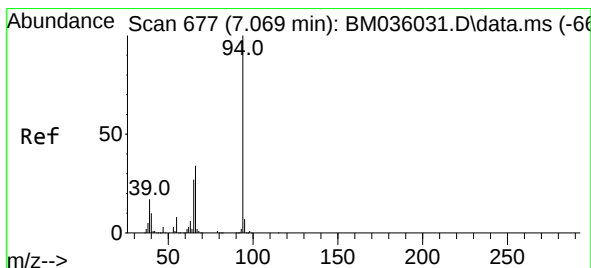
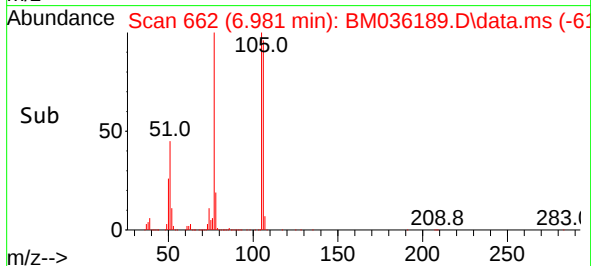
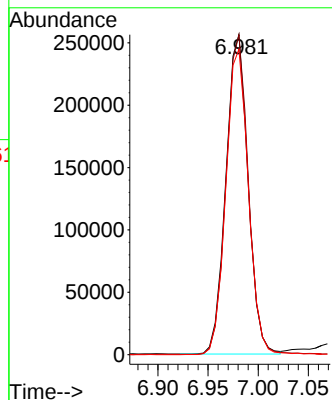
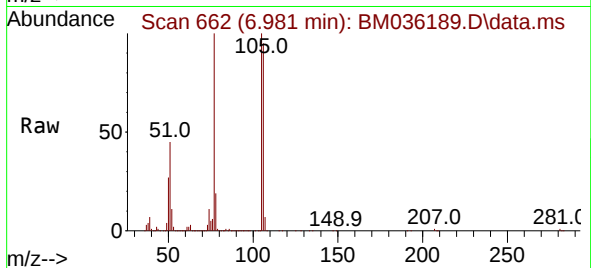




#9
Benzaldehyde
Concen: 33.738 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

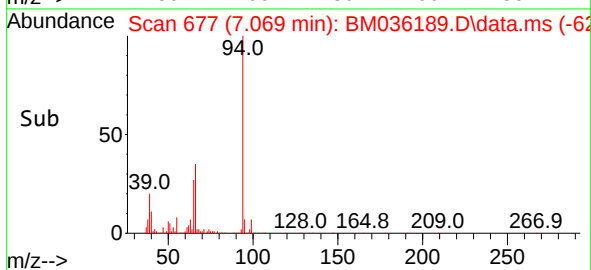
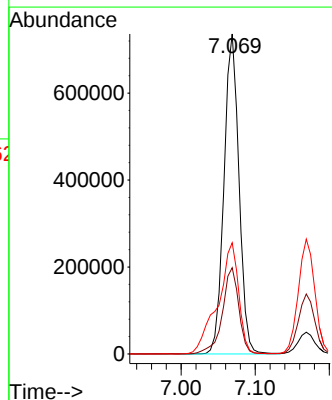
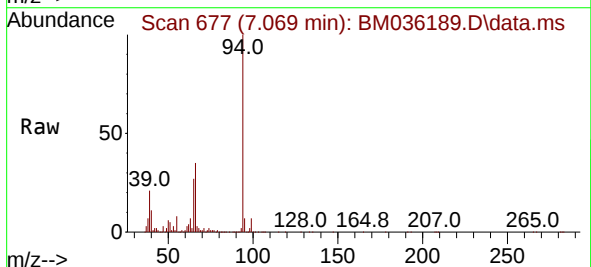
Instrument :
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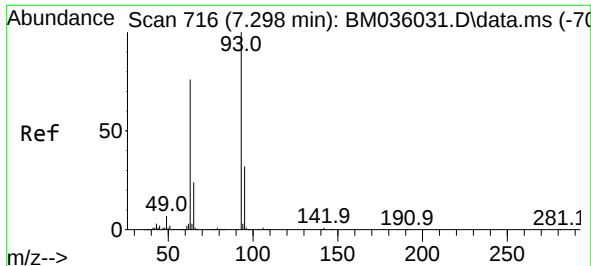
Tgt Ion: 77 Resp: 393247
Ion Ratio Lower Upper
77 100
105 100.0 76.3 116.3
106 95.5 69.0 109.0



#10
Phenol
Concen: 46.655 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.006 min
Lab File: BM036189.D
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Tgt Ion: 94 Resp: 1034278
Ion Ratio Lower Upper
94 100
65 26.9 11.4 51.4
66 34.8 21.4 61.4

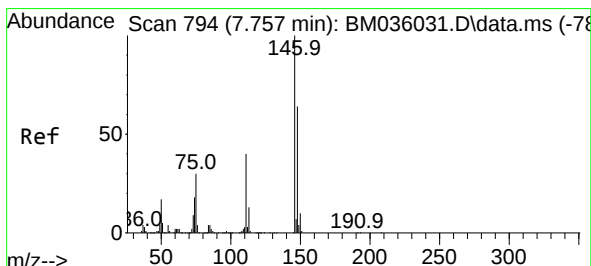
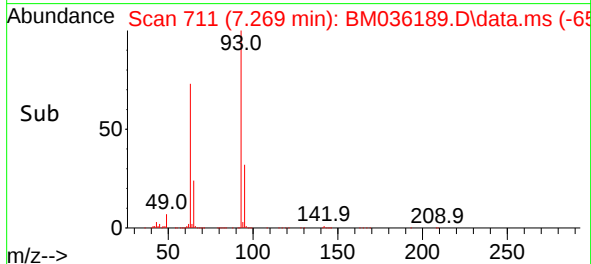
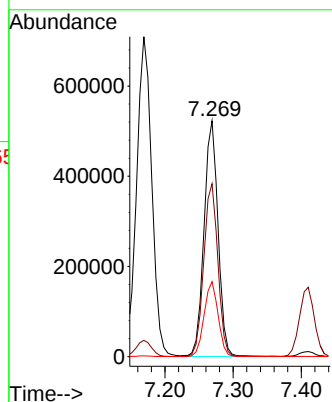
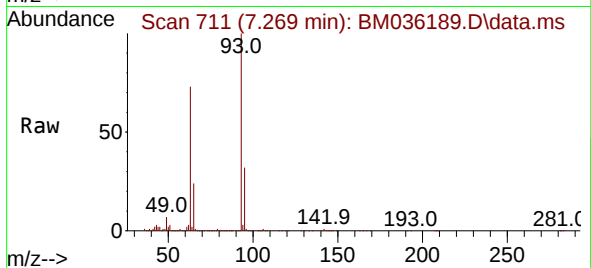




#11
bis(2-Chloroethyl)ether
Concen: 40.888 ng
RT: 7.269 min Scan# 716
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

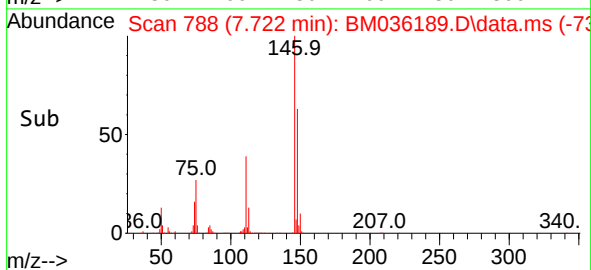
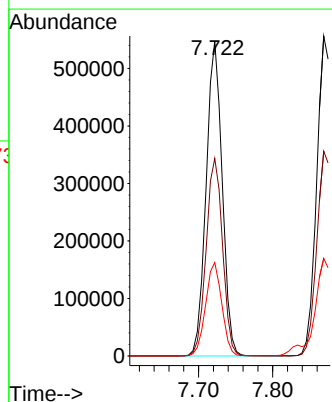
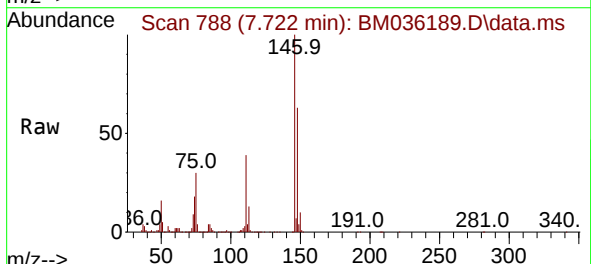
Instrument :
BNA_M
ClientSampleId :
PB146851BS

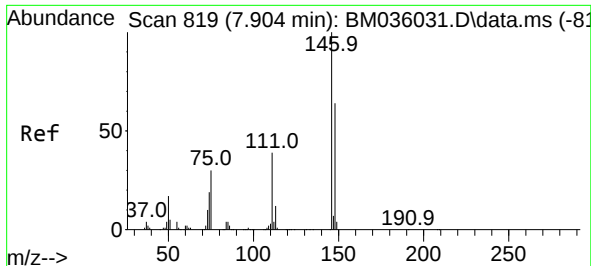
Tgt Ion: 93 Resp: 746699
Ion Ratio Lower Upper
93 100
63 73.3 60.6 100.6
95 31.8 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 40.256 ng
RT: 7.722 min Scan# 788
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:146 Resp: 822982
Ion Ratio Lower Upper
146 100
148 62.7 50.7 76.1
75 29.7 26.1 39.1

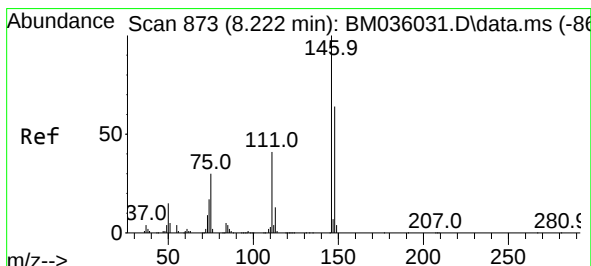
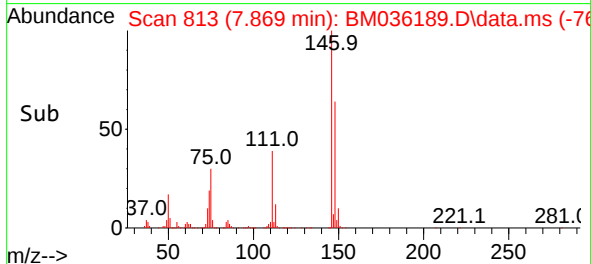
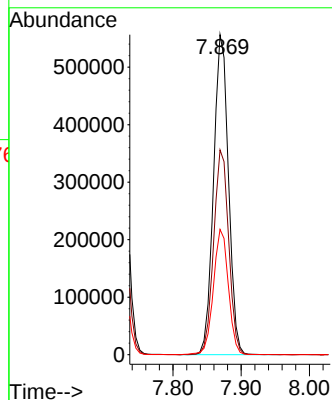
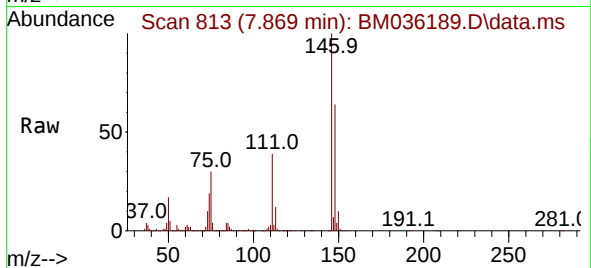




#13
1,4-Dichlorobenzene
Concen: 40.692 ng
RT: 7.869 min Scan# 819
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

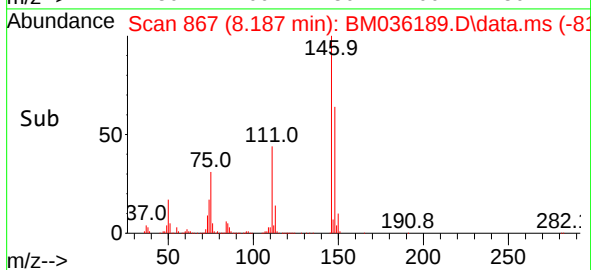
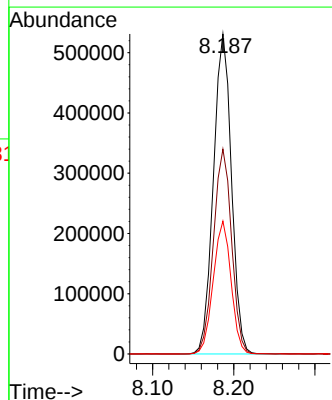
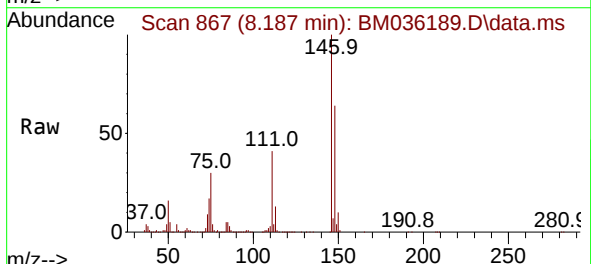
Instrument :
BNA_M
ClientSampleId :
PB146851BS

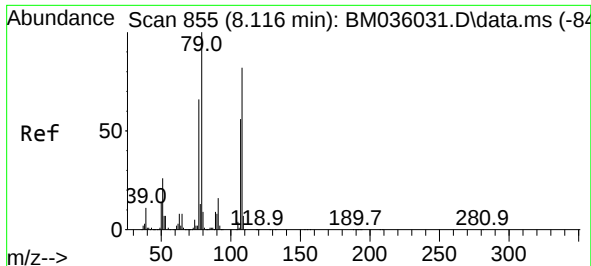
Tgt Ion:146 Resp: 848360
Ion Ratio Lower Upper
146 100
148 64.0 51.5 77.3
111 39.2 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 40.838 ng
RT: 8.187 min Scan# 867
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:146 Resp: 821505
Ion Ratio Lower Upper
146 100
148 64.0 50.7 76.1
111 41.5 33.9 50.9

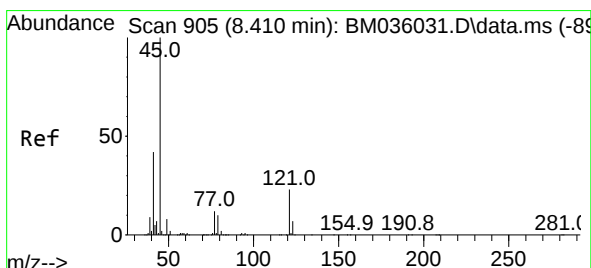
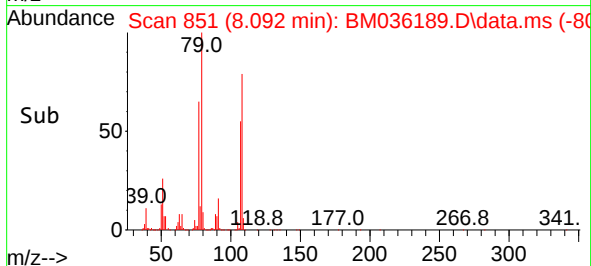
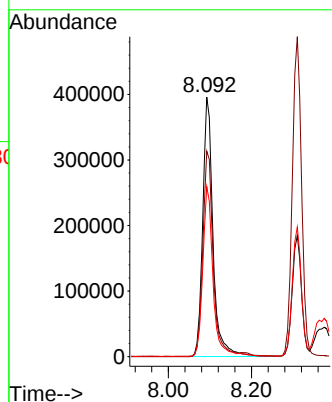
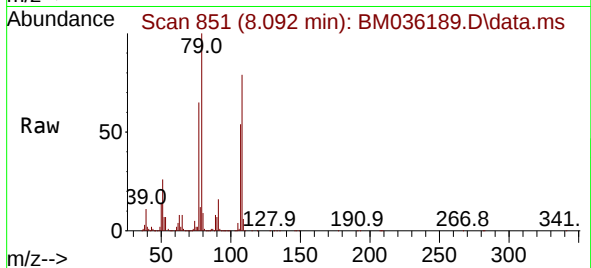




#15
Benzyl Alcohol
Concen: 46.139 ng
RT: 8.092 min Scan# 811
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

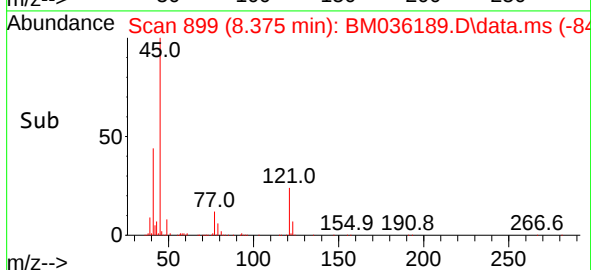
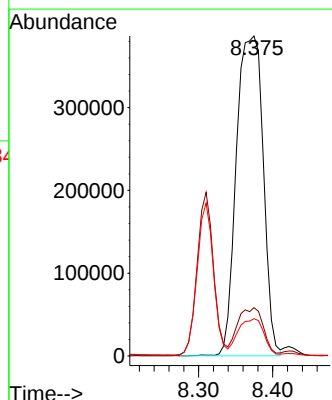
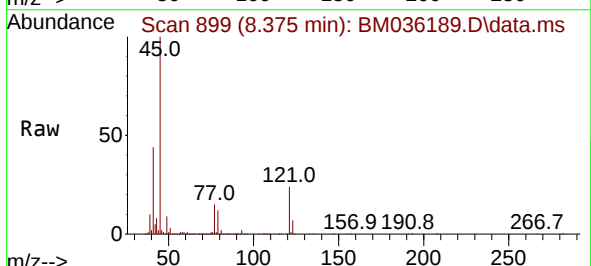
Instrument :
BNA_M
ClientSampleId :
PB146851BS

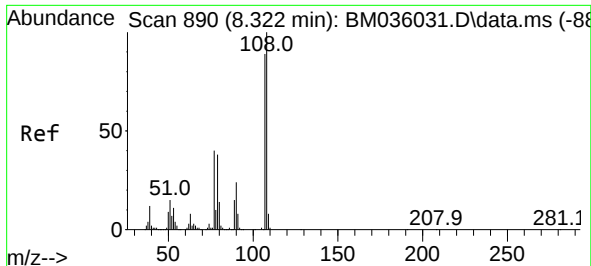
Tgt Ion: 79 Resp: 681689
Ion Ratio Lower Upper
79 100
108 79.1 59.0 88.4
77 65.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.894 ng
RT: 8.375 min Scan# 899
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion: 45 Resp: 968750
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.1
79 11.6 0.0 30.5

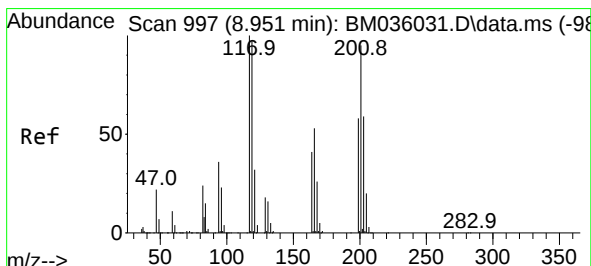
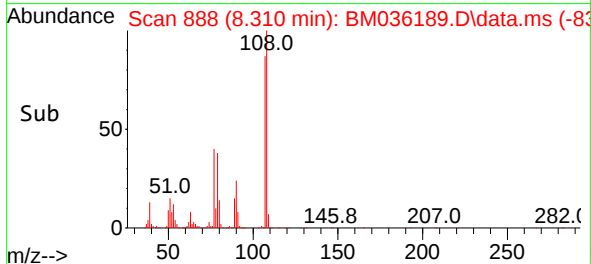
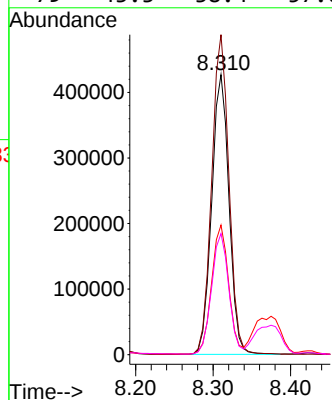
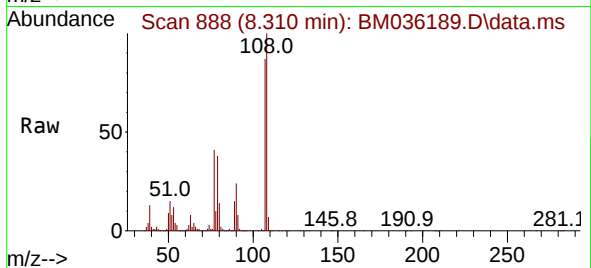




#17
2-Methylphenol
Concen: 45.050 ng
RT: 8.310 min Scan# 888
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

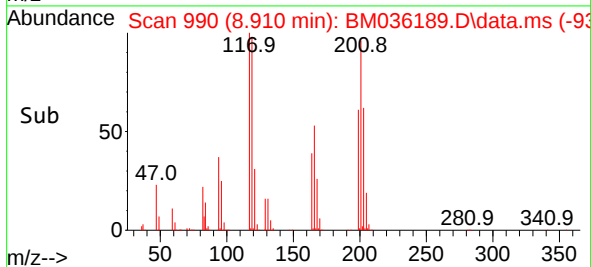
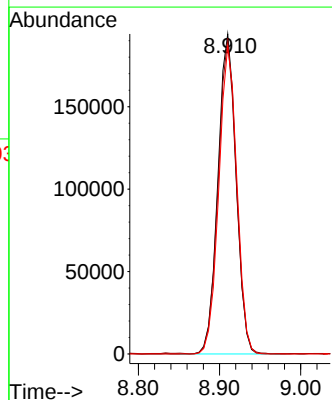
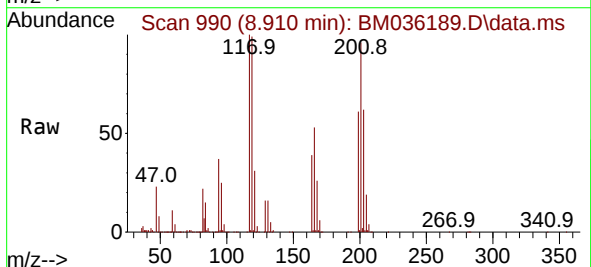
Instrument :
BNA_M
ClientSampleId :
PB146851BS

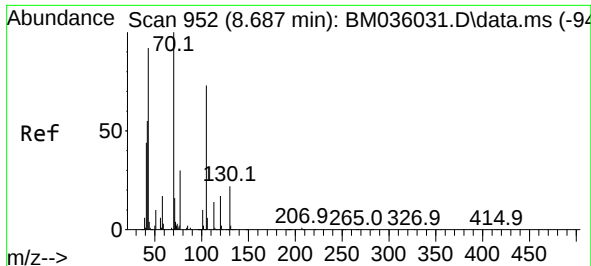
Tgt Ion:	107	Resp:	661102
Ion	Ratio	Lower	Upper
107	100		
108	114.3	88.7	133.1
77	46.3	40.6	60.8
79	43.3	38.4	57.6



#18
Hexachloroethane
Concen: 40.450 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:	117	Resp:	303580
Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.8	113.6
201	96.0	81.0	121.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.959 ng

RT: 8.651 min Scan# 946

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Instrument :

BNA_M

ClientSampleId :

PB146851BS

Tgt Ion: 70 Resp: 547765

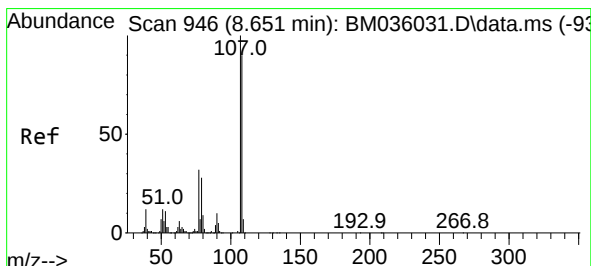
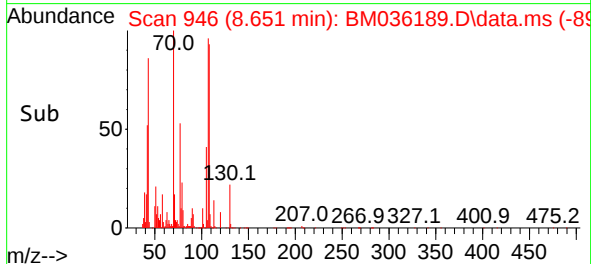
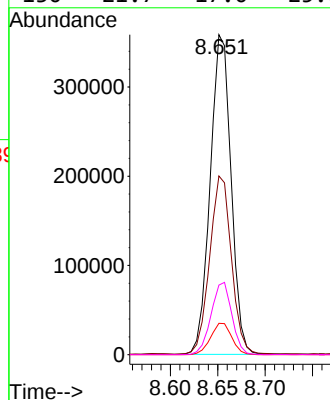
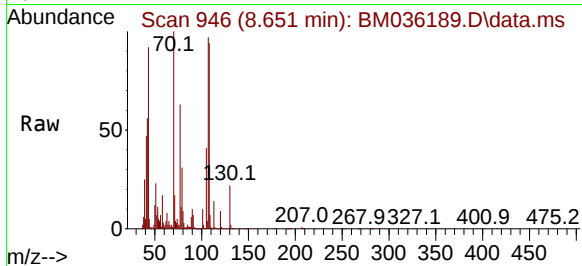
Ion Ratio Lower Upper

70 100

42 55.8 55.4 83.2

101 9.8 7.8 11.6

130 21.7 17.0 25.6



#20

3+4-Methylphenols

Concen: 44.426 ng

RT: 8.639 min Scan# 944

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Tgt Ion: 107 Resp: 885744

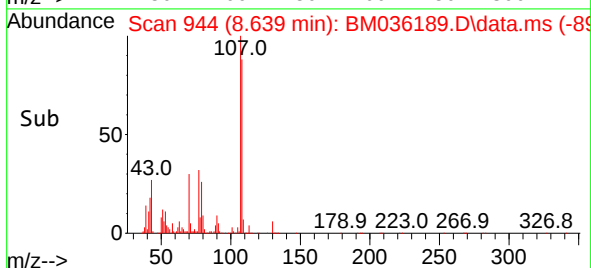
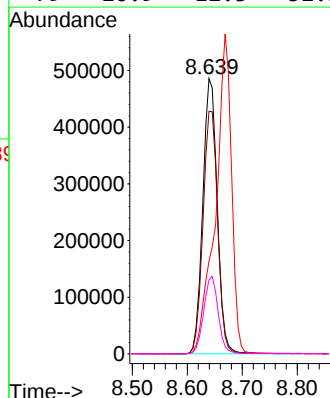
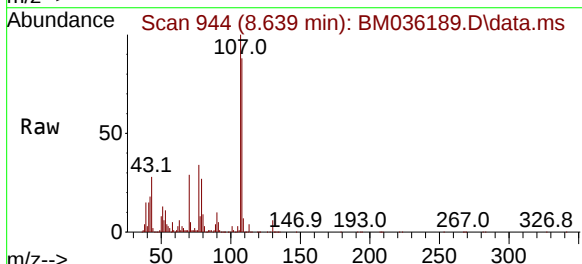
Ion Ratio Lower Upper

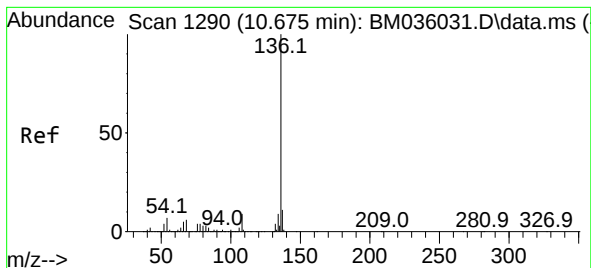
107 100

108 88.1 69.3 109.3

77 33.6 15.8 55.8

79 26.9 12.3 52.3

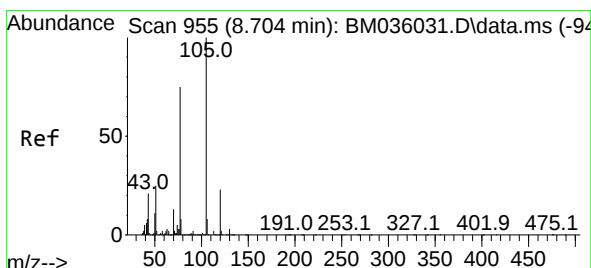
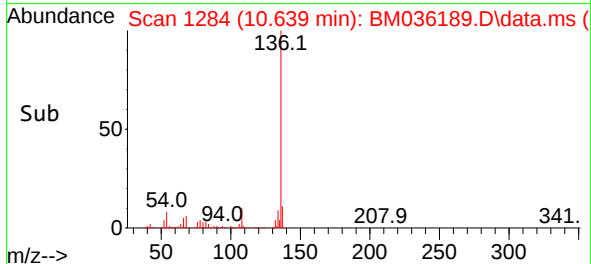
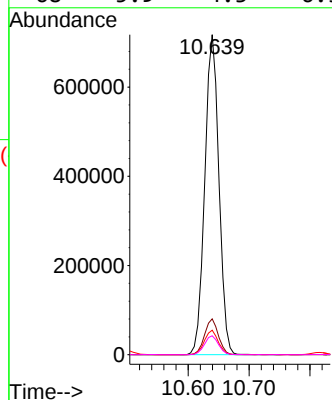
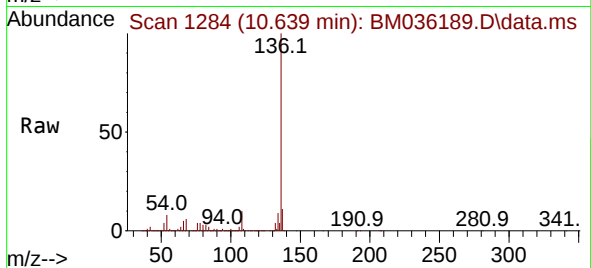




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 111
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

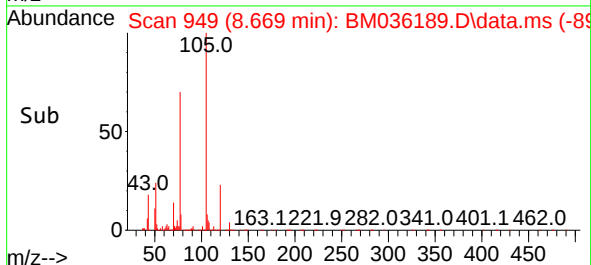
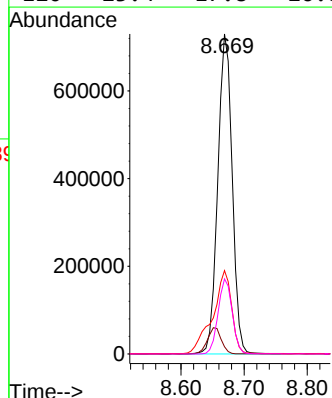
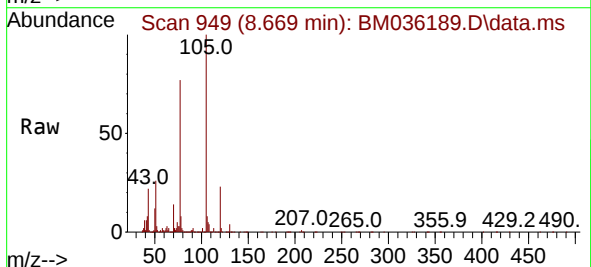
Instrument :
BNA_M
ClientSampleId :
PB146851BS

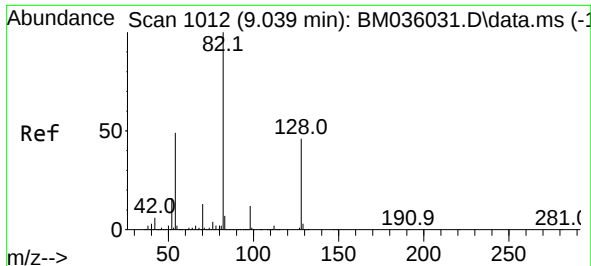
Tgt Ion:136 Resp: 1156949
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 7.0 10.4
68 5.9 4.3 6.5



#22
Acetophenone
Concen: 42.193 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:105 Resp: 1155557
Ion Ratio Lower Upper
105 100
71 2.2 5.0 7.4#
51 26.1 25.6 38.4
120 23.4 17.8 26.8

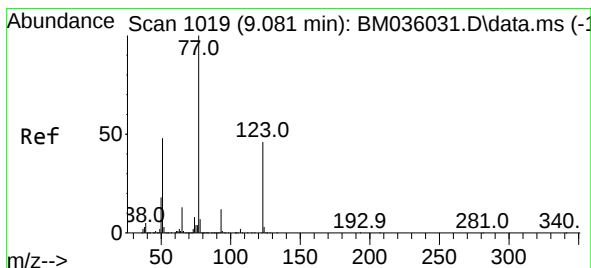
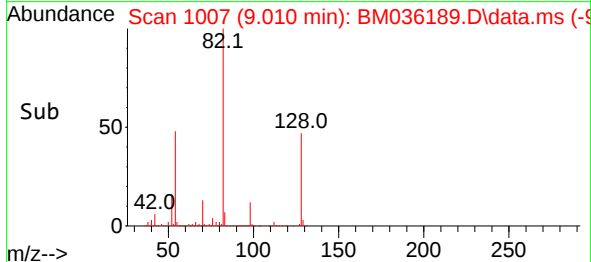
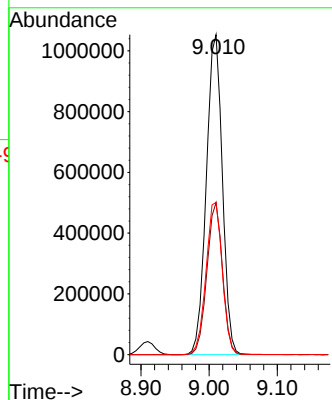
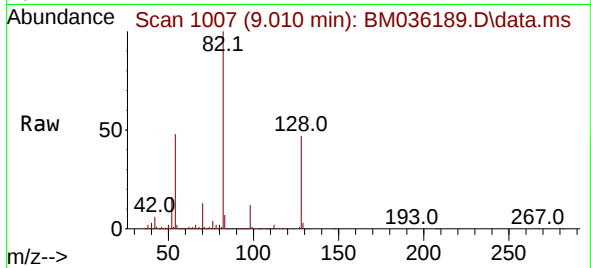




#23
Nitrobenzene-d5
Concen: 83.496 ng
RT: 9.010 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

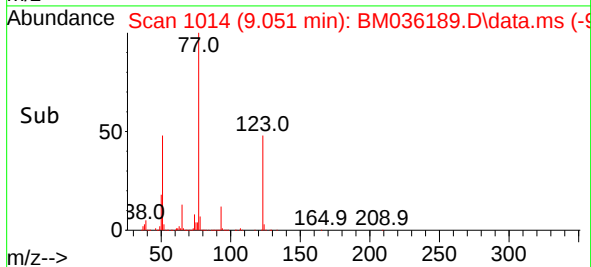
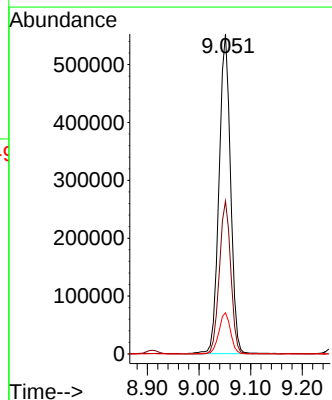
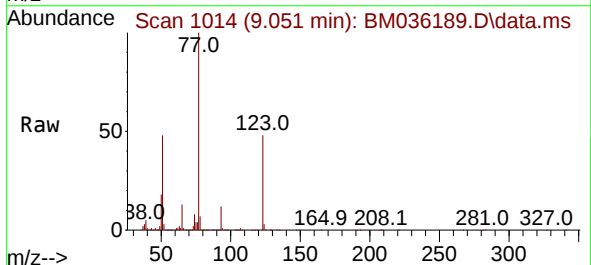
Instrument :
BNA_M
ClientSampleId :
PB146851BS

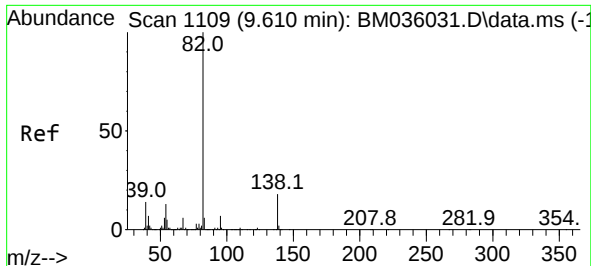
Tgt Ion: 82 Resp: 1725726
Ion Ratio Lower Upper
82 100
128 47.5 33.7 50.5
54 47.6 43.2 64.8



#24
Nitrobenzene
Concen: 43.777 ng
RT: 9.051 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion: 77 Resp: 850602
Ion Ratio Lower Upper
77 100
123 47.8 36.2 54.4
65 12.8 11.4 17.0

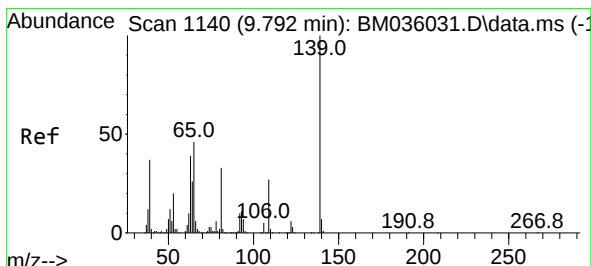
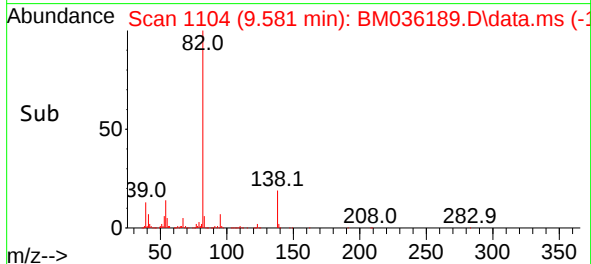
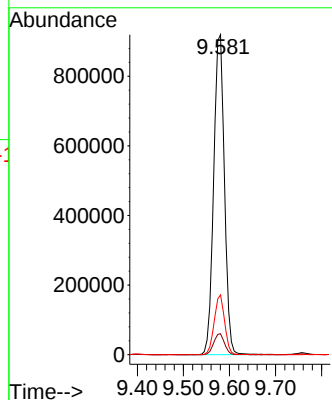
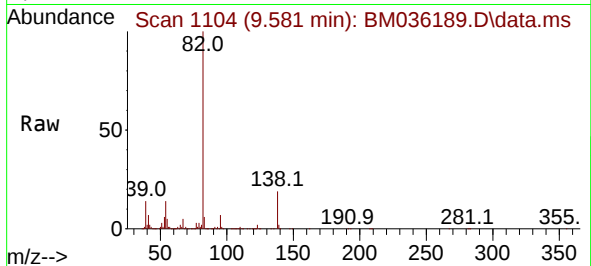




#25
Isophorone
Concen: 44.315 ng
RT: 9.581 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

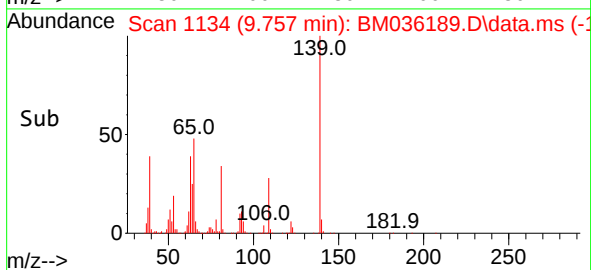
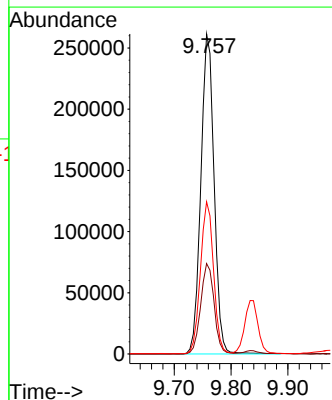
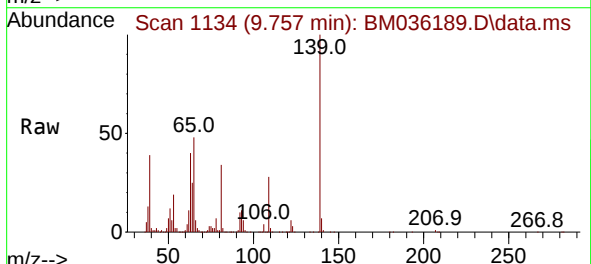
Instrument :
BNA_M
ClientSampleId :
PB146851BS

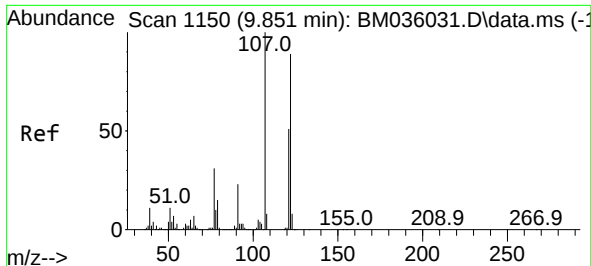
Tgt Ion: 82 Resp: 1489994
Ion Ratio Lower Upper
82 100
95 6.5 6.4 9.6
138 18.7 14.2 21.4



#26
2-Nitrophenol
Concen: 46.239 ng
RT: 9.757 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:139 Resp: 423757
Ion Ratio Lower Upper
139 100
109 28.2 25.6 38.4
65 47.5 43.2 64.8

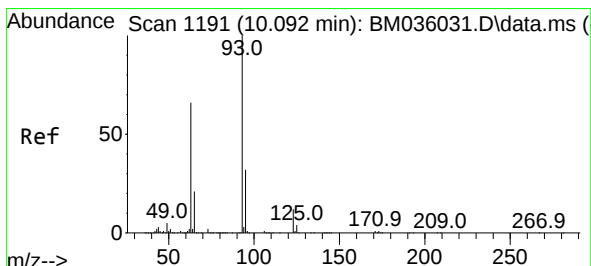
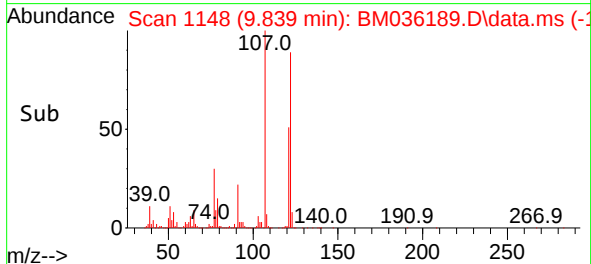
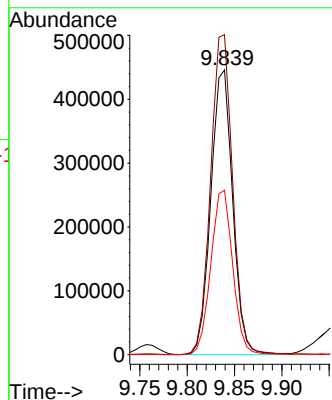
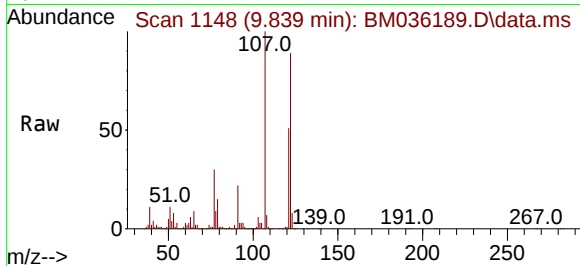




#27
2,4-Dimethylphenol
Concen: 50.336 ng
RT: 9.839 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

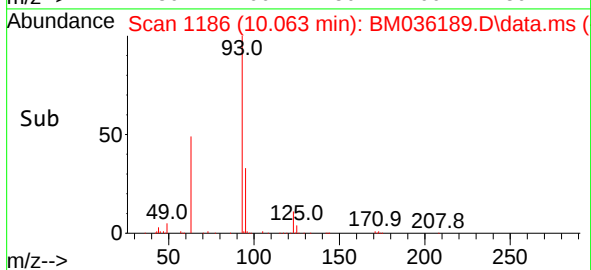
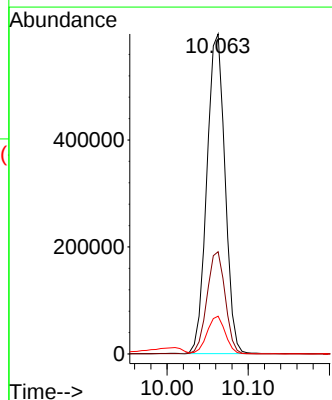
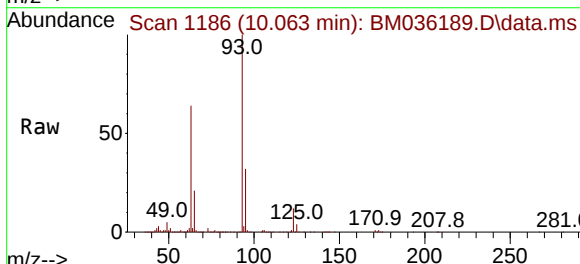
Instrument :
BNA_M
ClientSampleId :
PB146851BS

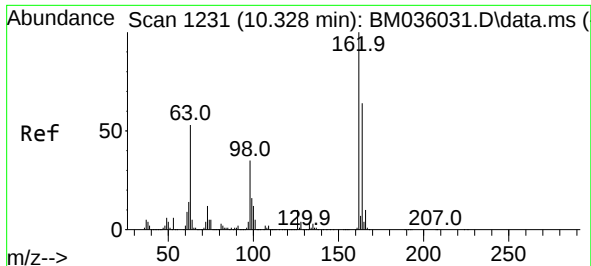
Tgt Ion:122 Resp: 714599
Ion Ratio Lower Upper
122 100
107 112.3 92.4 138.6
121 57.7 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.604 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion: 93 Resp: 924733
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 11.8 9.0 13.4

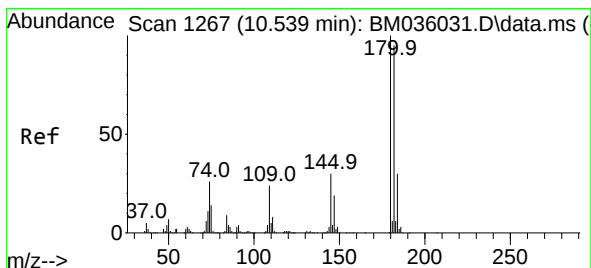
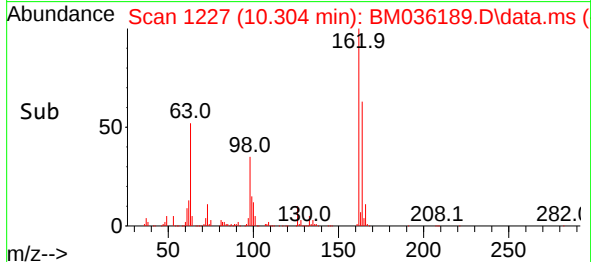
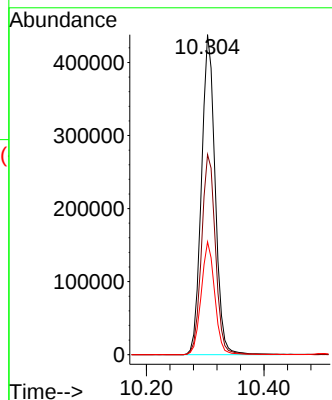
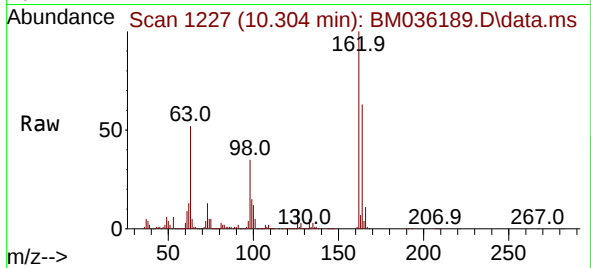




#29
2,4-Dichlorophenol
Concen: 44.260 ng
RT: 10.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

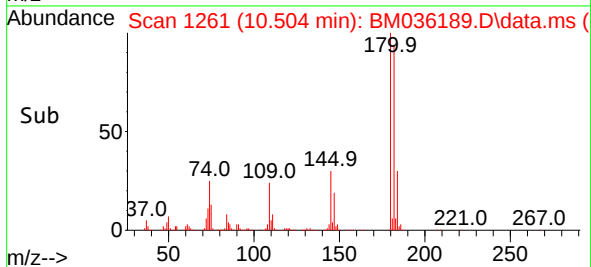
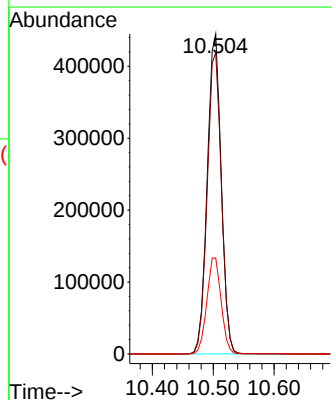
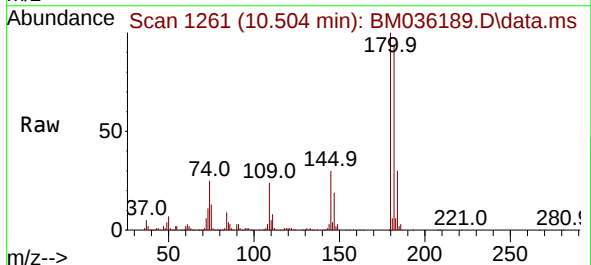
Instrument :
BNA_M
ClientSampleId :
PB146851BS

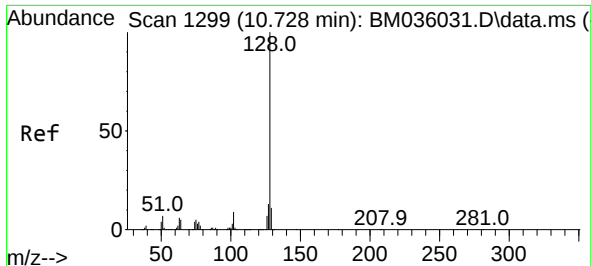
Tgt Ion:162 Resp: 706607
Ion Ratio Lower Upper
162 100
164 62.6 44.2 84.2
98 35.3 15.0 55.0



#30
1,2,4-Trichlorobenzene
Concen: 39.257 ng
RT: 10.504 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:180 Resp: 710249
Ion Ratio Lower Upper
180 100
182 94.1 77.9 116.9
145 30.0 25.0 37.6

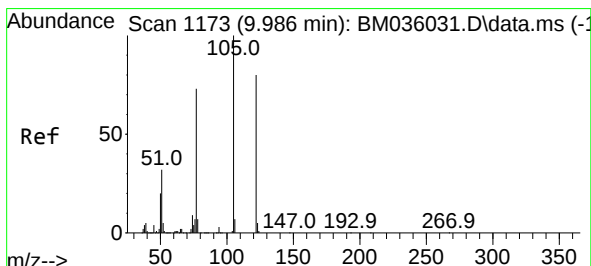
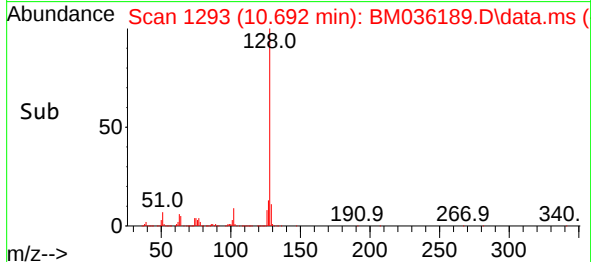
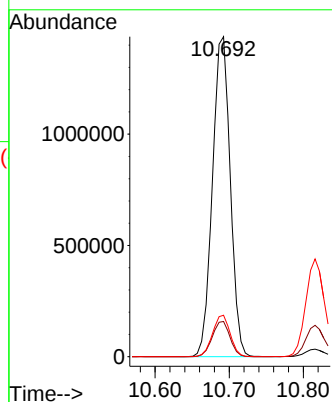
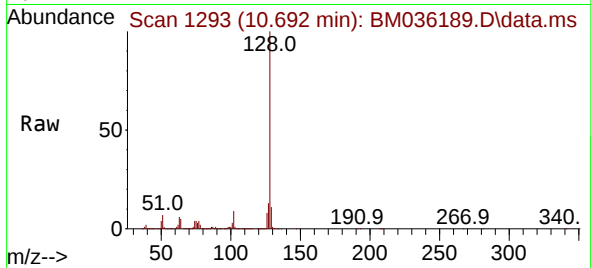




#31
Naphthalene
Concen: 41.687 ng
RT: 10.692 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

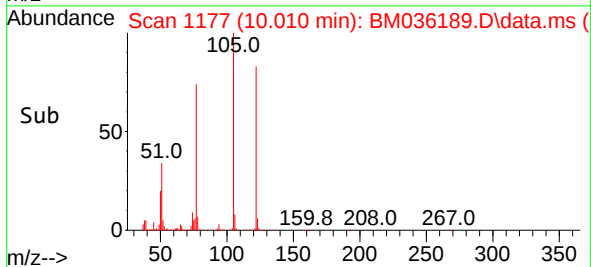
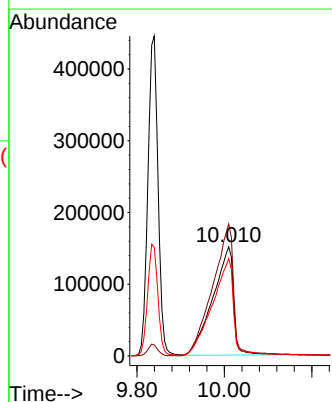
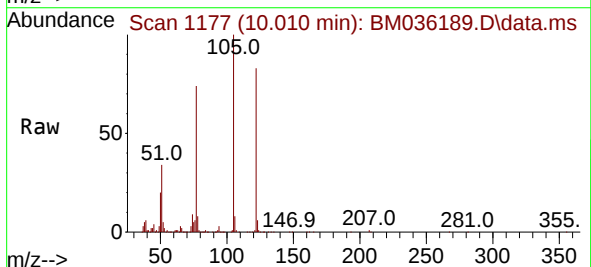
Instrument :
BNA_M
ClientSampleId :
PB146851BS

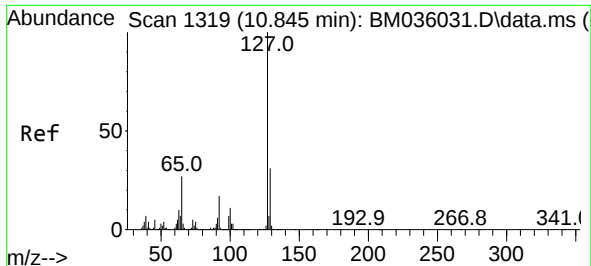
Tgt Ion:128 Resp: 2397846
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 44.083 ng
RT: 10.010 min Scan# 1177
Delta R.T. 0.018 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:122 Resp: 496091
Ion Ratio Lower Upper
122 100
105 120.9 105.7 145.7
77 89.3 80.0 120.0

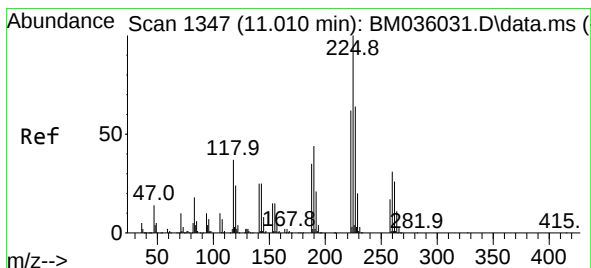
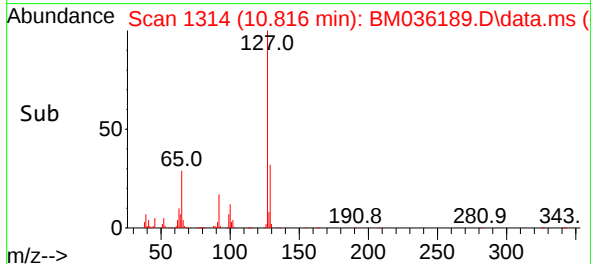
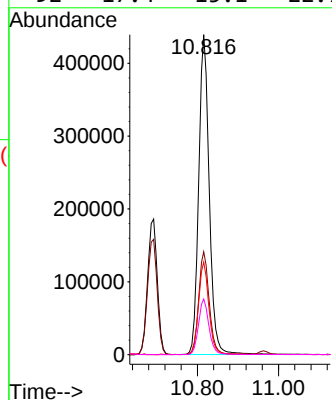
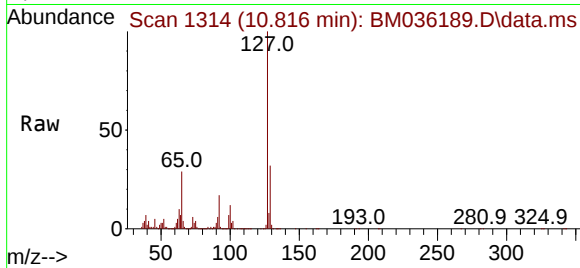




#33
4-Chloroaniline
Concen: 34.362 ng
RT: 10.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

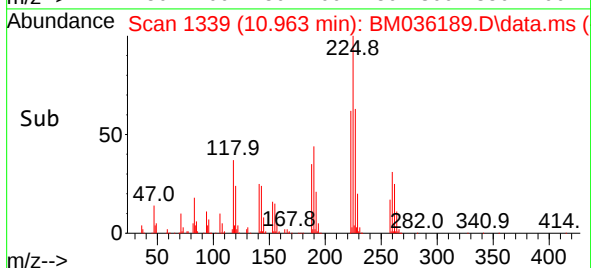
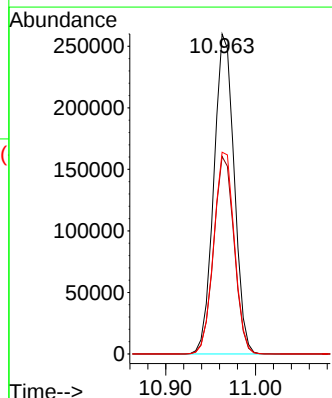
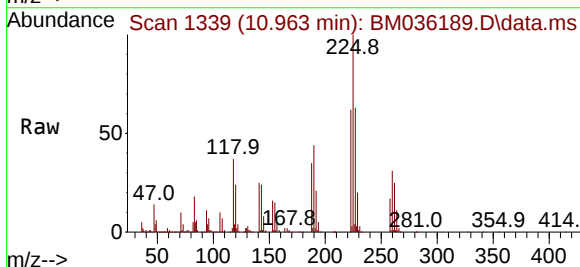
Instrument :
BNA_M
ClientSampleId :
PB146851BS

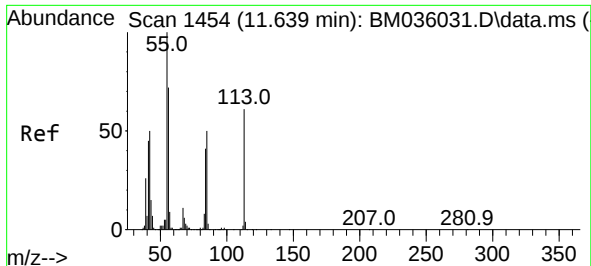
Tgt Ion:	127	Resp:	796562
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	29.0	26.6	40.0
92	17.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.485 ng
RT: 10.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:	225	Resp:	409141
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.8	76.2
227	63.0	52.7	79.1

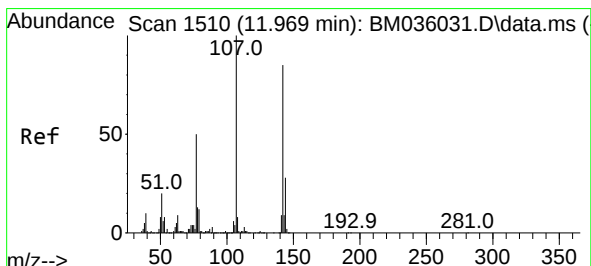
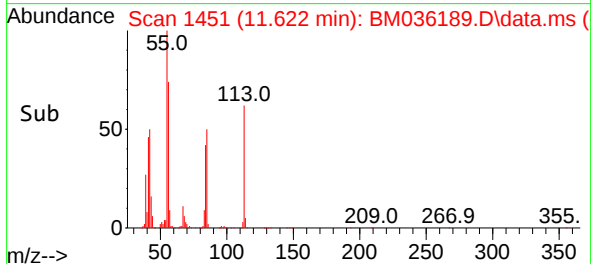
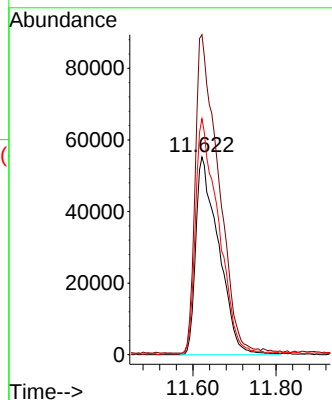
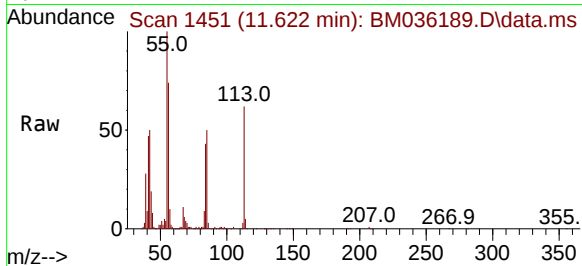




#35
Caprolactam
Concen: 42.691 ng
RT: 11.622 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

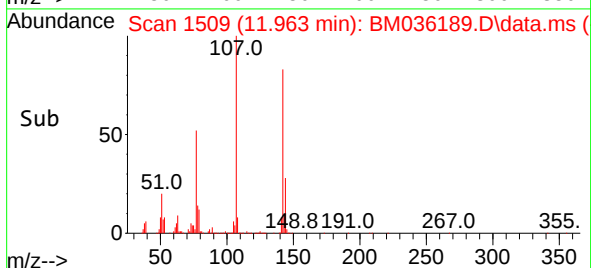
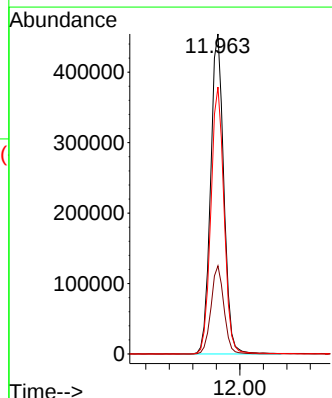
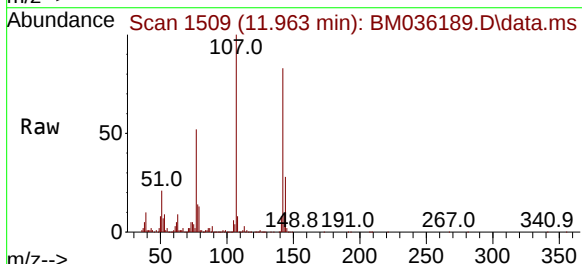
Instrument :
BNA_M
ClientSampleId :
PB146851BS

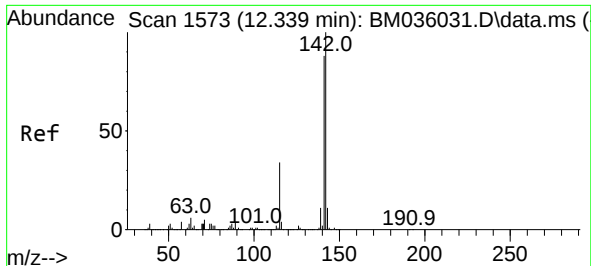
Tgt Ion:113 Resp: 209933
Ion Ratio Lower Upper
113 100
55 162.0 150.1 190.1
56 119.4 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 42.365 ng
RT: 11.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:107 Resp: 710917
Ion Ratio Lower Upper
107 100
144 27.5 21.4 32.0
142 83.4 66.7 100.1





#37

2-Methylnaphthalene

Concen: 41.146 ng

RT: 12.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Instrument :

BNA_M

ClientSampleId :

PB146851BS

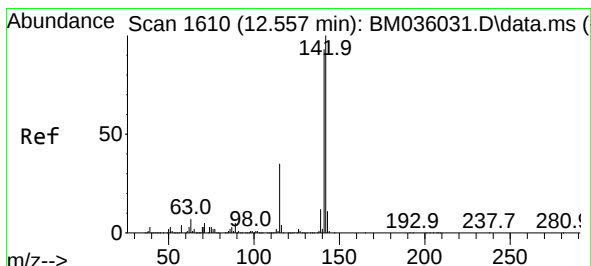
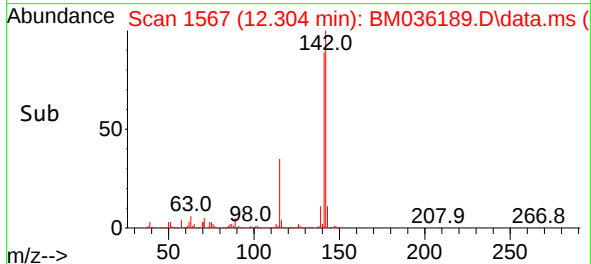
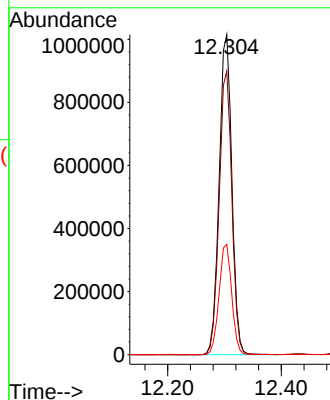
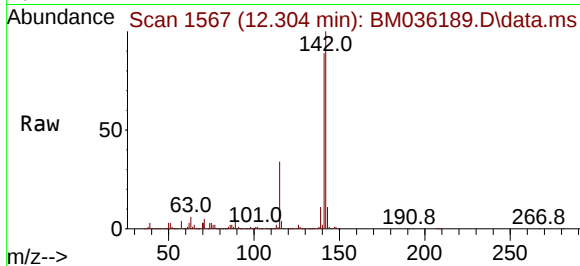
Tgt Ion:142 Resp: 1574959

Ion Ratio Lower Upper

142 100

141 88.6 72.4 108.6

115 34.4 29.6 44.4



#38

1-Methylnaphthalene

Concen: 40.101 ng

RT: 12.522 min Scan# 1604

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

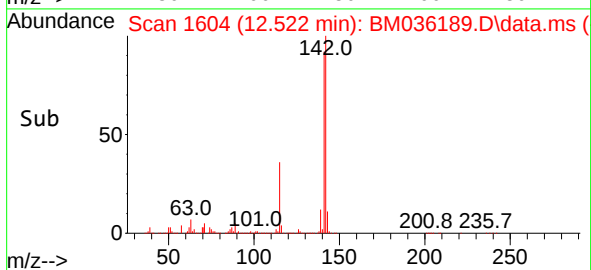
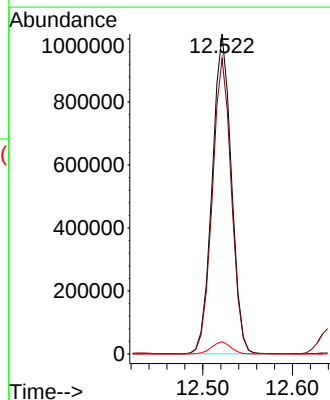
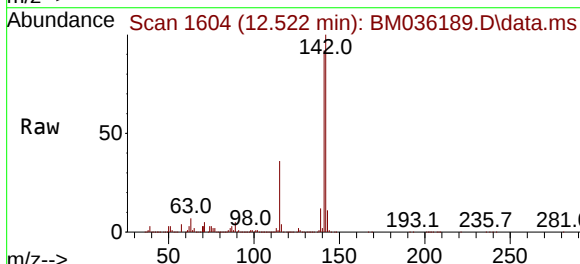
Tgt Ion:142 Resp: 1503175

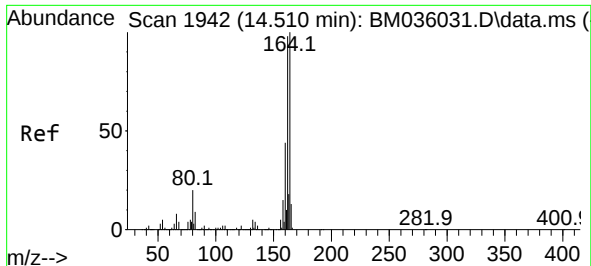
Ion Ratio Lower Upper

142 100

141 92.4 75.0 112.4

116 3.9 3.4 5.2

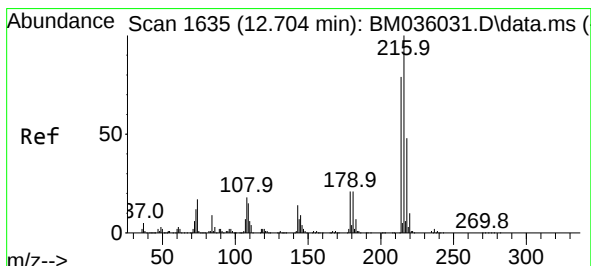
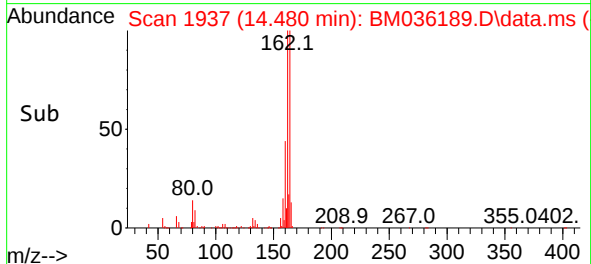
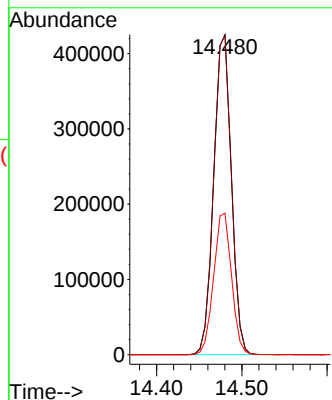
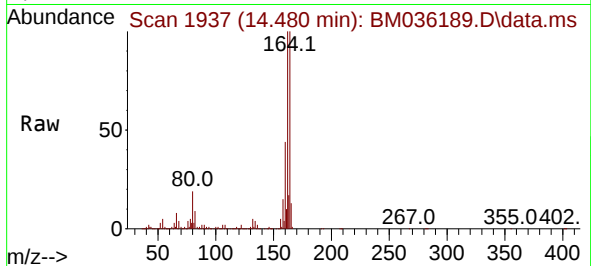




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

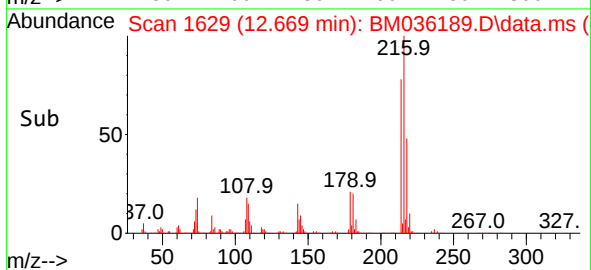
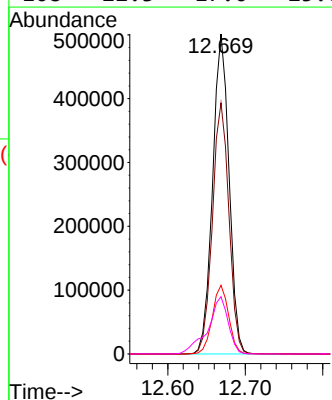
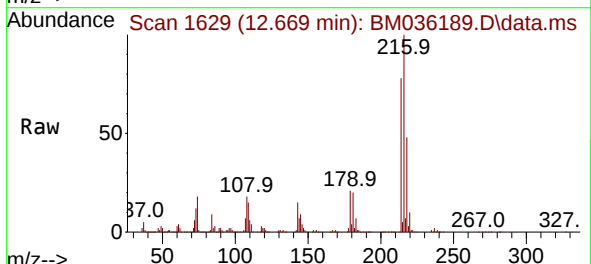
Instrument :
BNA_M
ClientSampleId :
PB146851BS

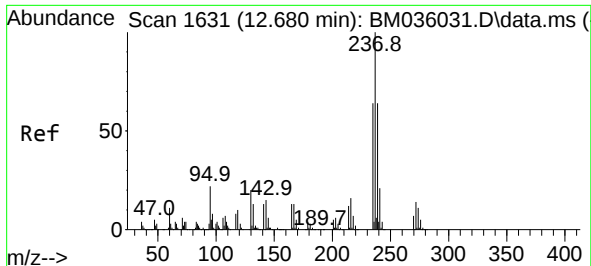
Tgt Ion:164 Resp: 610984
Ion Ratio Lower Upper
164 100
162 99.7 83.0 124.6
160 44.2 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.474 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:216 Resp: 736681
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
179 21.4 18.2 27.2
108 22.3 17.0 25.6

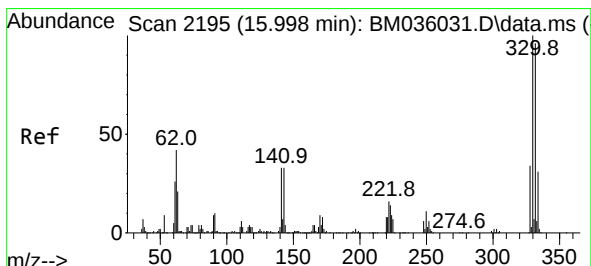
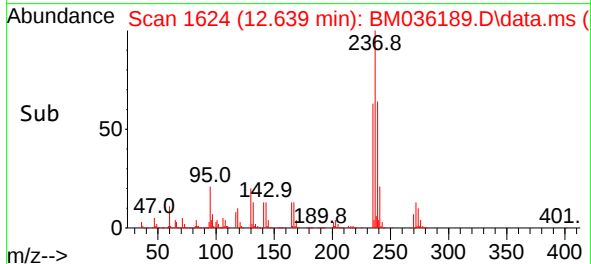
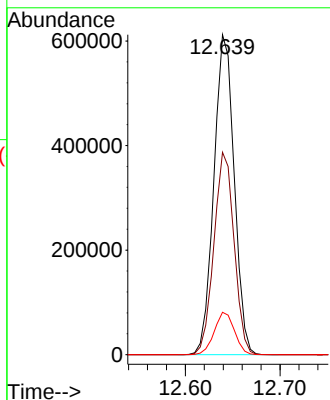
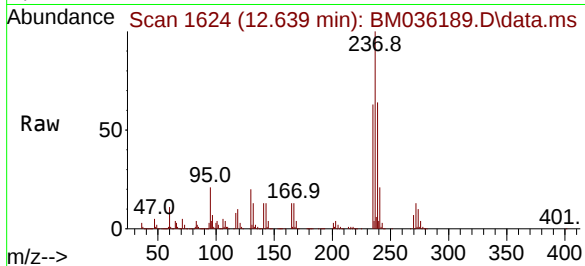




#41
Hexachlorocyclopentadiene
Concen: 104.001 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

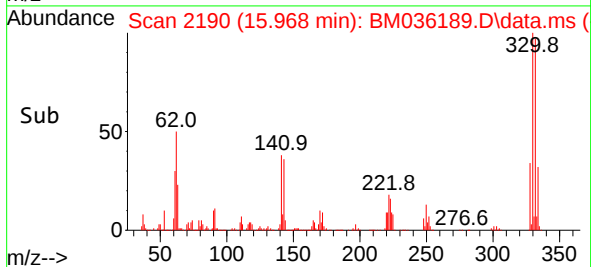
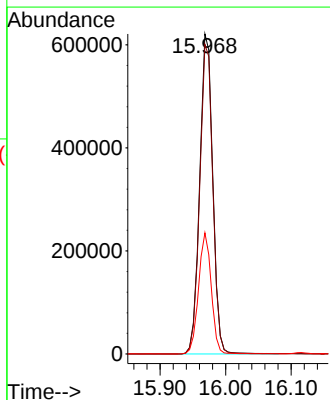
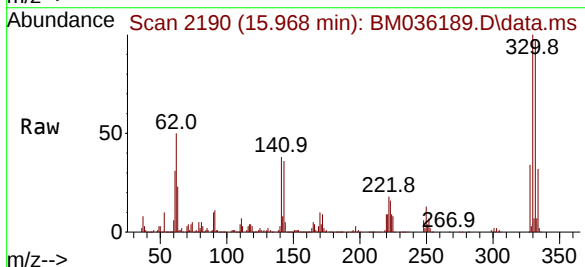
Instrument :
BNA_M
ClientSampleId :
PB146851BS

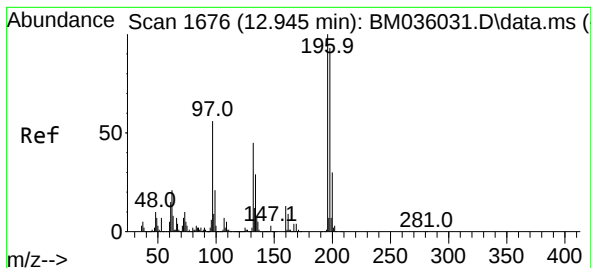
Tgt Ion:237 Resp: 912397
Ion Ratio Lower Upper
237 100
235 63.2 43.8 83.8
272 13.2 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 120.744 ng
RT: 15.968 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:330 Resp: 865451
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 36.8 35.3 52.9





#43

2,4,6-Trichlorophenol

Concen: 44.982 ng

RT: 12.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Instrument :

BNA_M

ClientSampleId :

PB146851BS

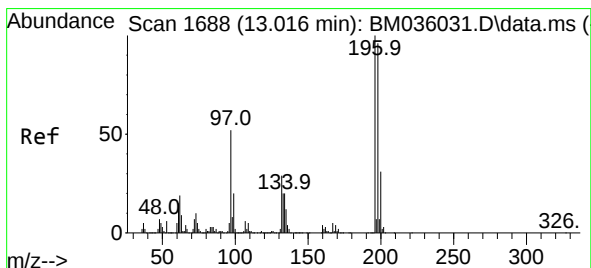
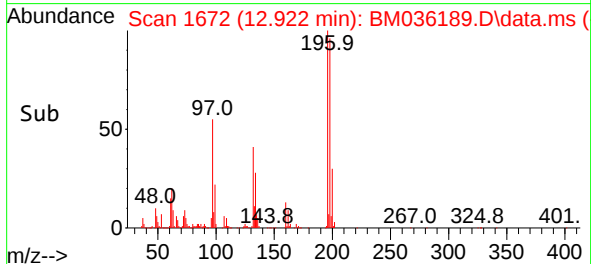
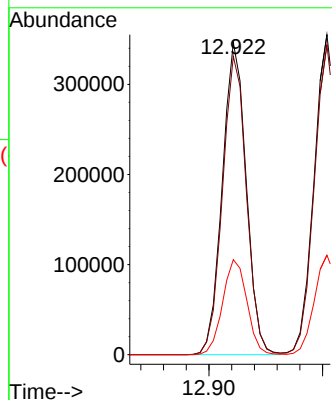
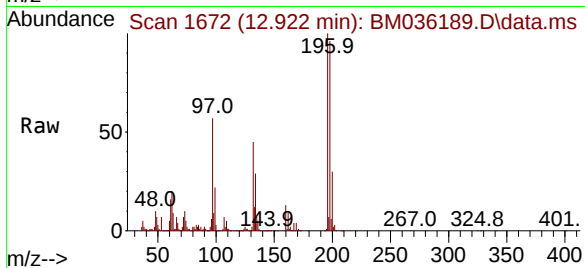
Tgt Ion:196 Resp: 507005

Ion Ratio Lower Upper

196 100

198 95.6 75.8 113.6

200 30.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 45.682 ng

RT: 13.004 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Tgt Ion:196 Resp: 543532

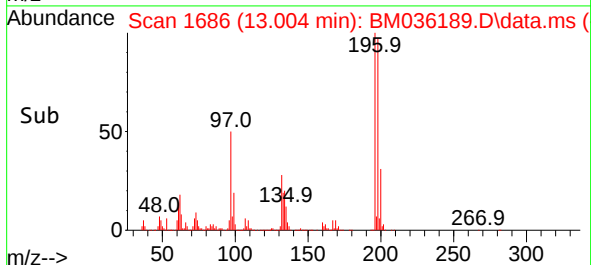
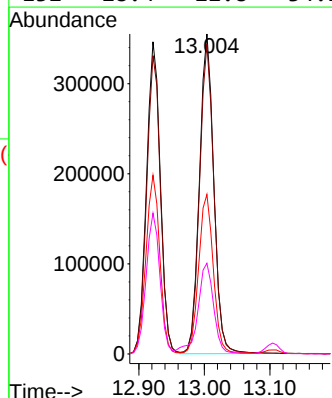
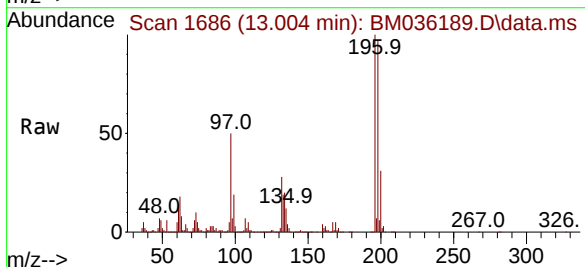
Ion Ratio Lower Upper

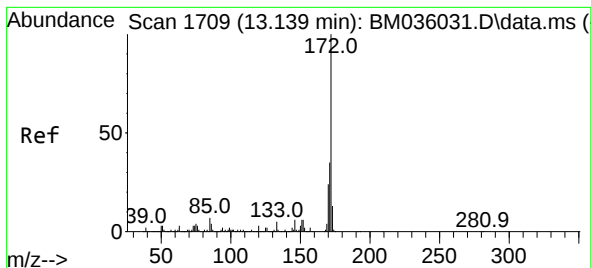
196 100

198 96.8 77.8 116.6

97 49.8 43.4 65.2

132 28.4 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 86.051 ng

RT: 13.104 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Instrument :

BNA_M

ClientSampleId :

PB146851BS

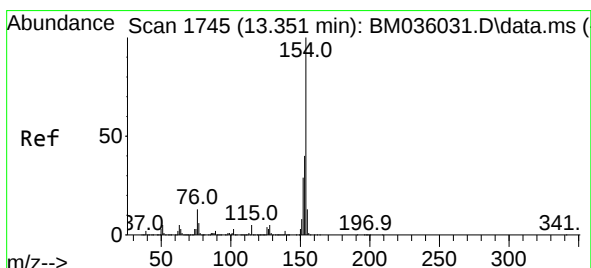
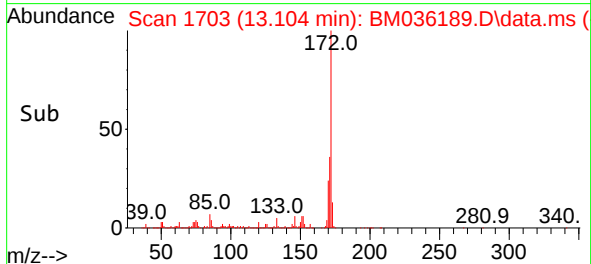
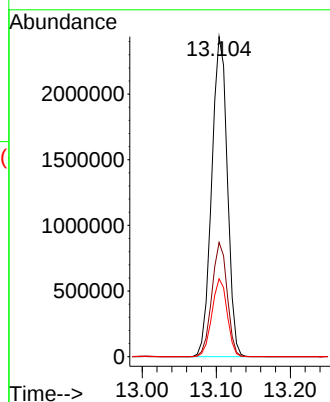
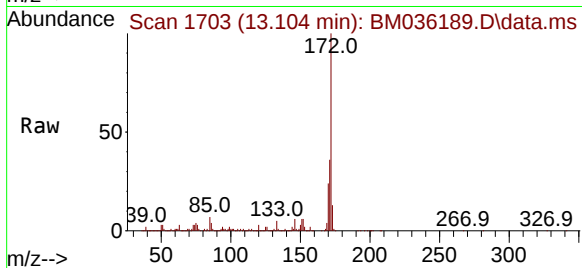
Tgt Ion:172 Resp: 3560914

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.796 ng

RT: 13.316 min Scan# 1739

Delta R.T. 0.006 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

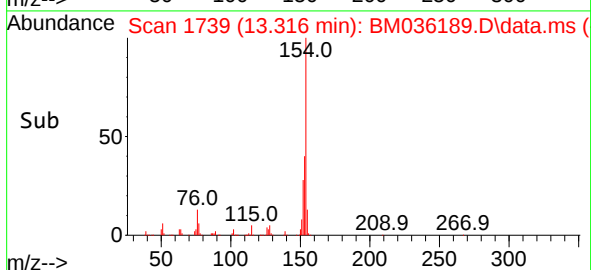
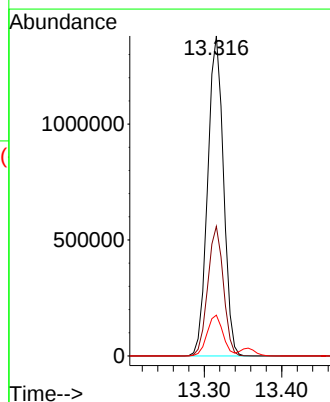
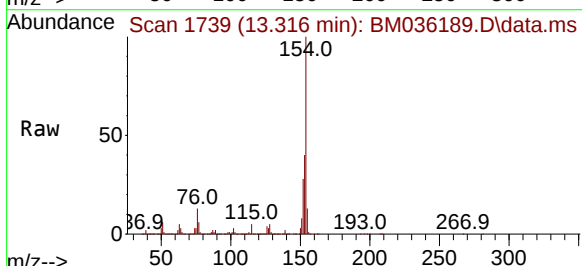
Tgt Ion:154 Resp: 1950100

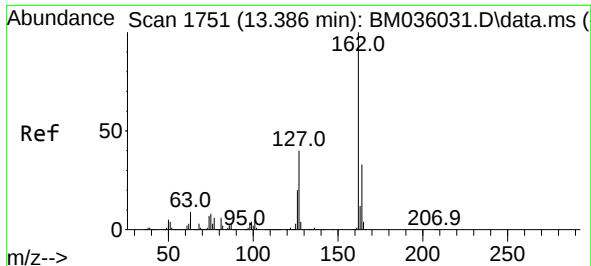
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 12.8 0.0 31.8

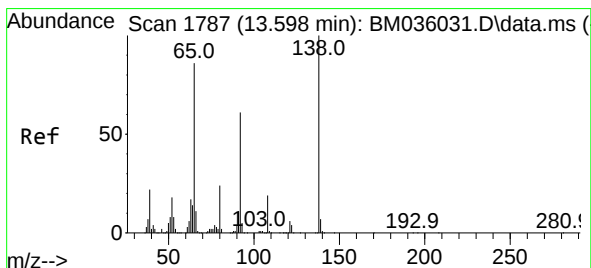
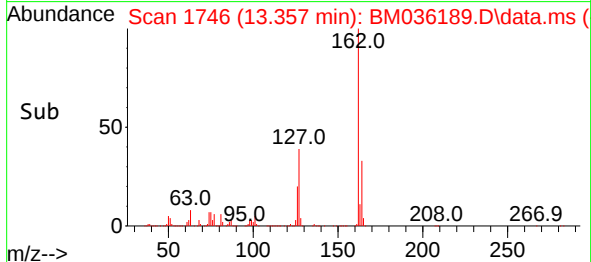
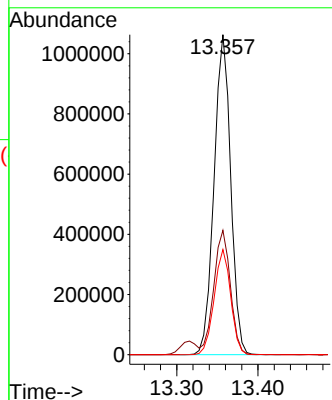
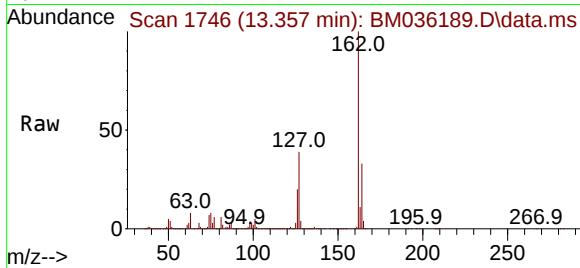




#47
2-Chloronaphthalene
Concen: 44.439 ng
RT: 13.357 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

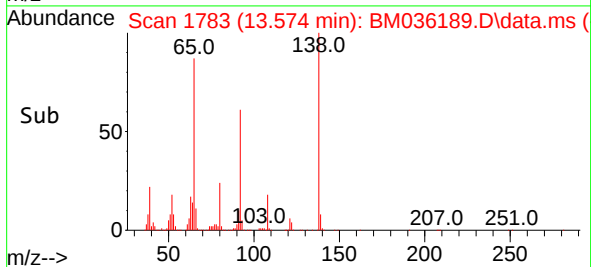
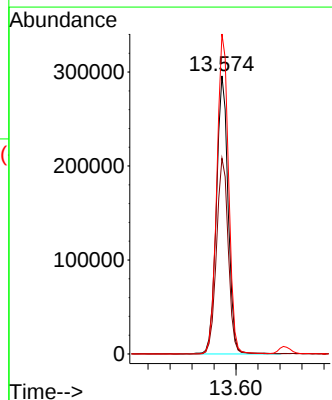
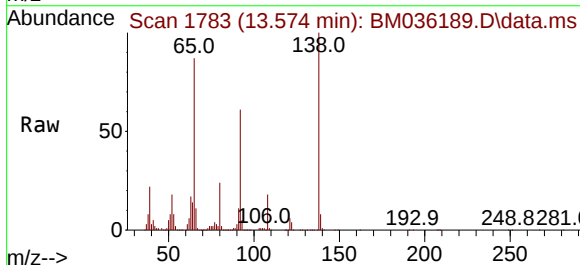
Instrument :
BNA_M
ClientSampleId :
PB146851BS

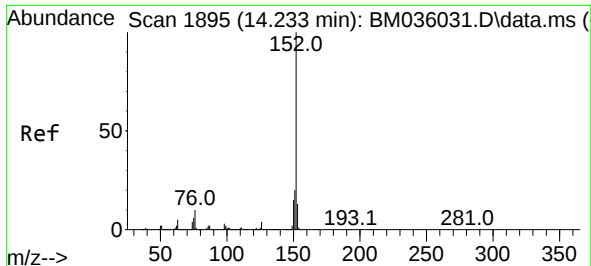
Tgt Ion:162 Resp: 1514449
Ion Ratio Lower Upper
162 100
127 38.8 30.6 45.8
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 47.320 ng
RT: 13.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion: 65 Resp: 439478
Ion Ratio Lower Upper
65 100
92 70.4 53.7 80.5
138 115.1 83.9 125.9

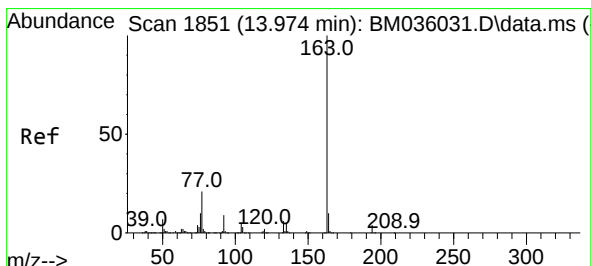
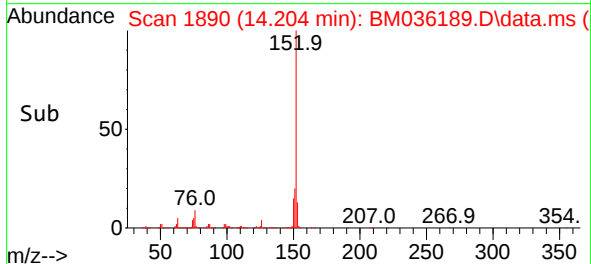
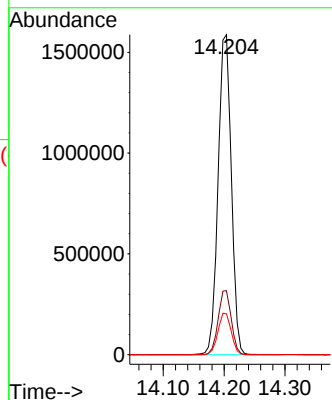
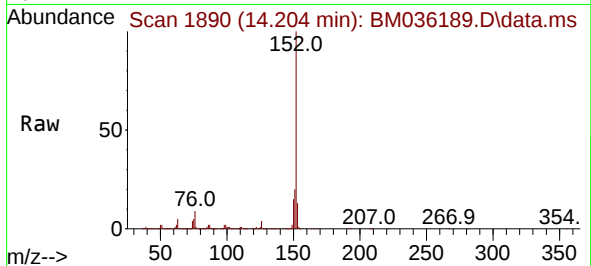




#49
Acenaphthylene
Concen: 45.337 ng
RT: 14.204 min Scan# 1890
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

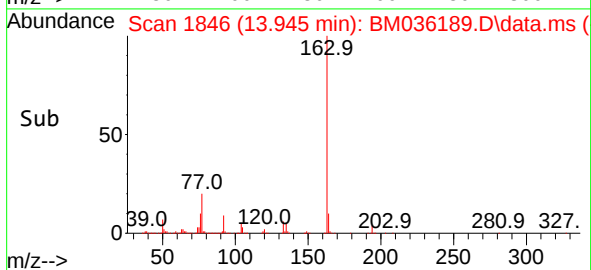
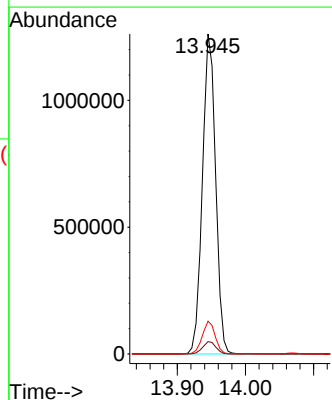
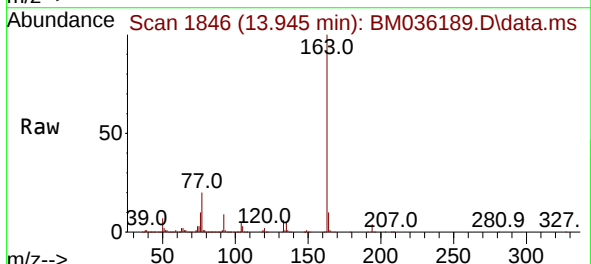
Instrument :
BNA_M
ClientSampleId :
PB146851BS

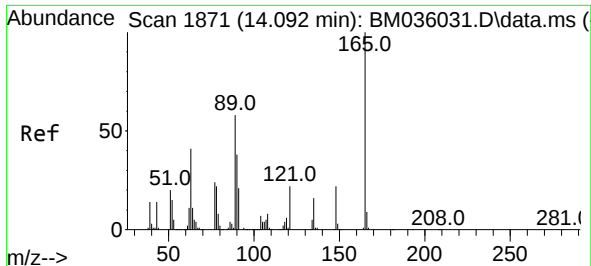
Tgt Ion:152 Resp: 2388338
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 40.834 ng
RT: 13.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:163 Resp: 1696630
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 8.4 12.6

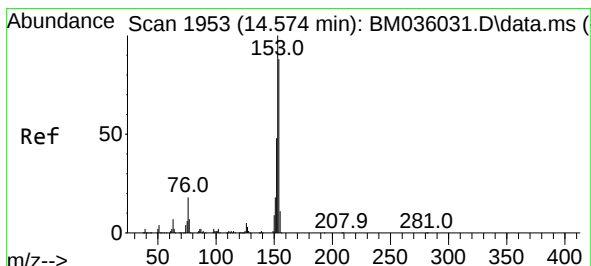
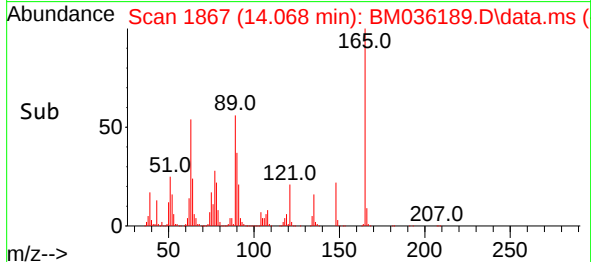
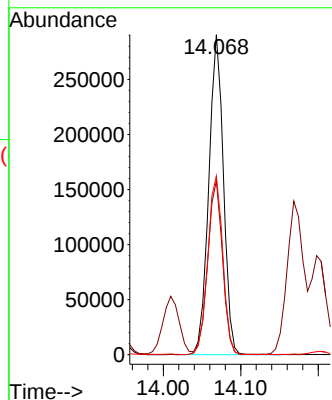
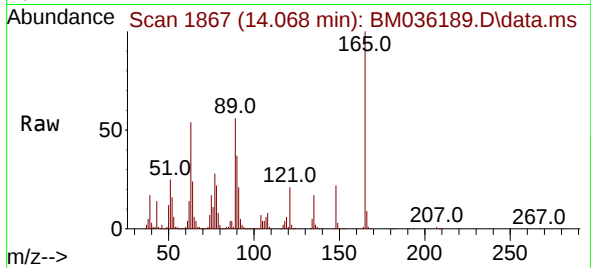




#51
2,6-Dinitrotoluene
Concen: 45.701 ng
RT: 14.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

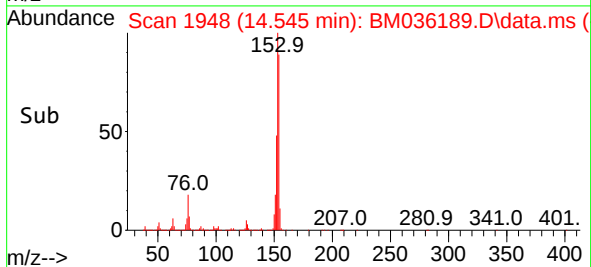
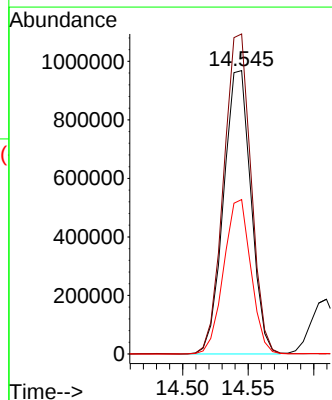
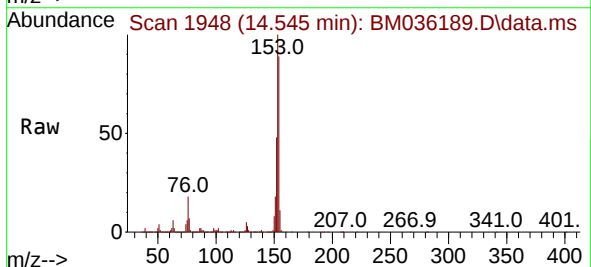
Instrument :
BNA_M
ClientSampleId :
PB146851BS

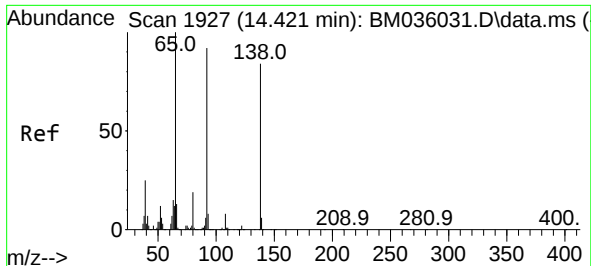
Tgt Ion:165 Resp: 380985
Ion Ratio Lower Upper
165 100
63 54.4 50.2 75.2
89 55.9 48.4 72.6



#52
Acenaphthene
Concen: 40.796 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:154 Resp: 1405810
Ion Ratio Lower Upper
154 100
153 112.9 91.0 136.6
152 54.5 43.4 65.2

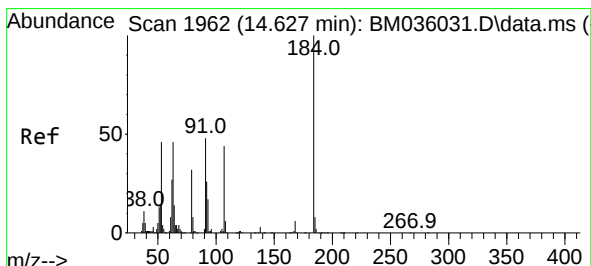
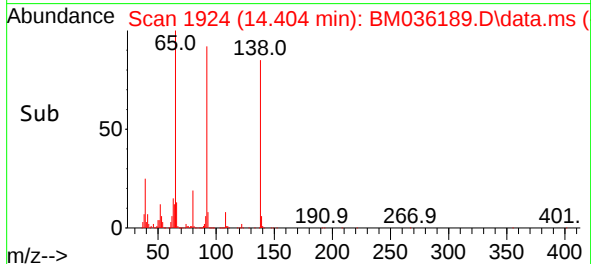
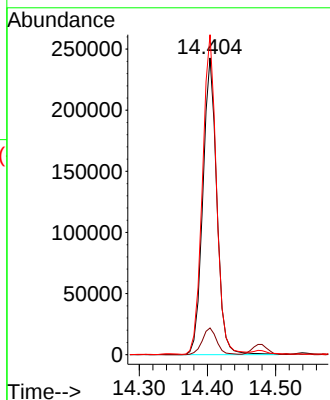
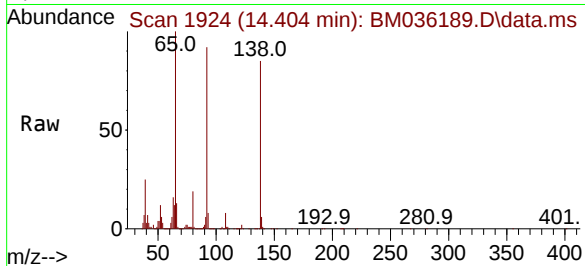




#53
3-Nitroaniline
Concen: 35.596 ng
RT: 14.404 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

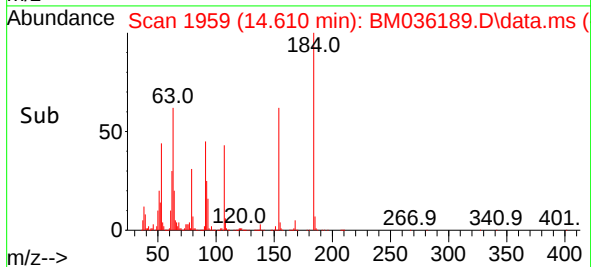
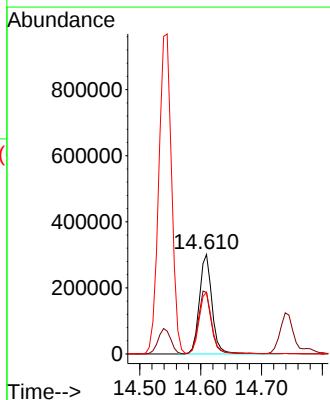
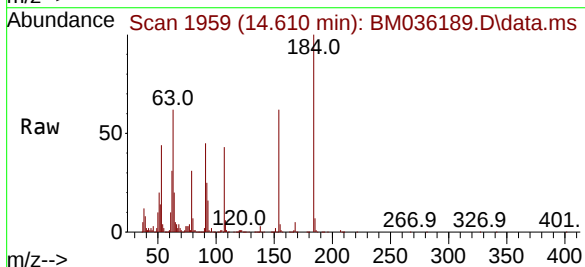
Instrument :
BNA_M
ClientSampleId :
PB146851BS

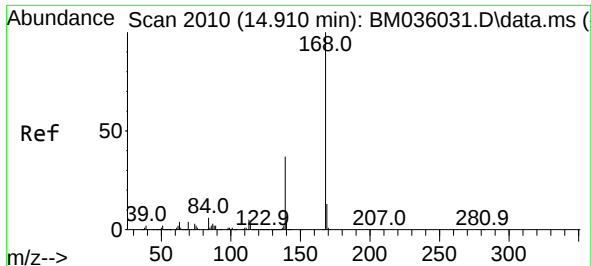
Tgt Ion:138 Resp: 346220
Ion Ratio Lower Upper
138 100
108 9.0 8.7 13.1
92 107.8 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 98.082 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:184 Resp: 432685
Ion Ratio Lower Upper
184 100
63 61.8 59.5 89.3
154 62.0 55.6 83.4

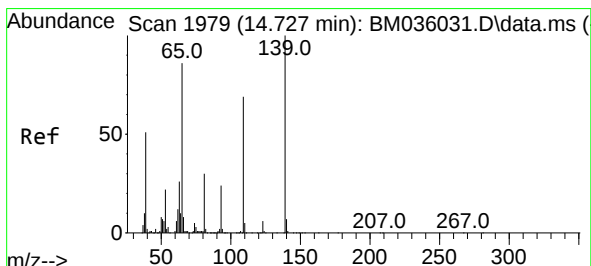
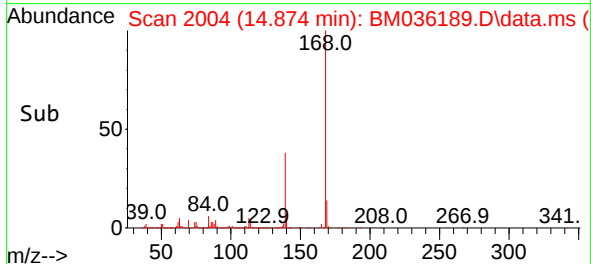
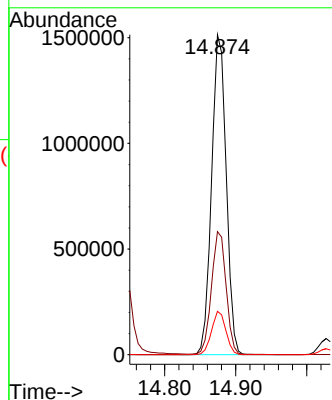
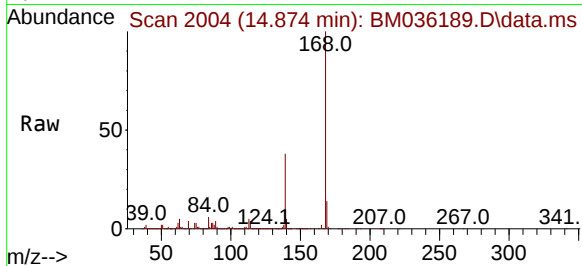




#55
Dibenzofuran
Concen: 41.940 ng
RT: 14.874 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

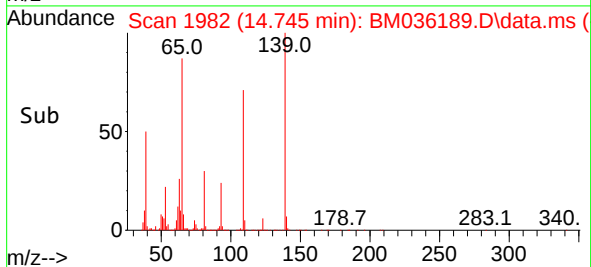
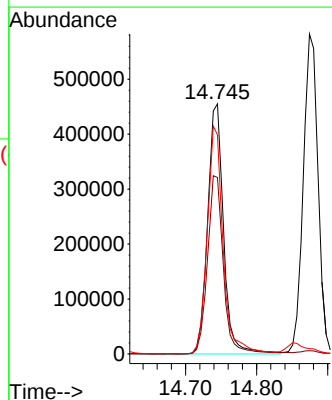
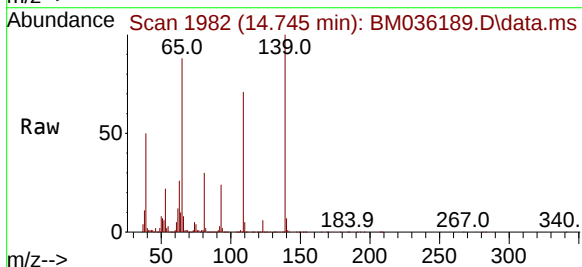
Instrument :
BNA_M
ClientSampleId :
PB146851BS

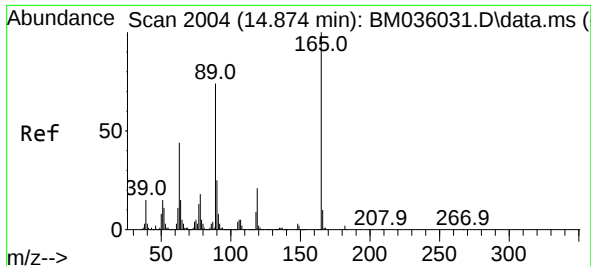
Tgt Ion:168 Resp: 2164265
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.2
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 91.096 ng
RT: 14.745 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:139 Resp: 709036
Ion Ratio Lower Upper
139 100
109 70.6 62.5 102.5
65 87.6 83.5 123.5

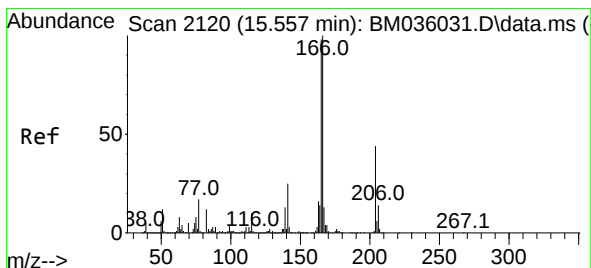
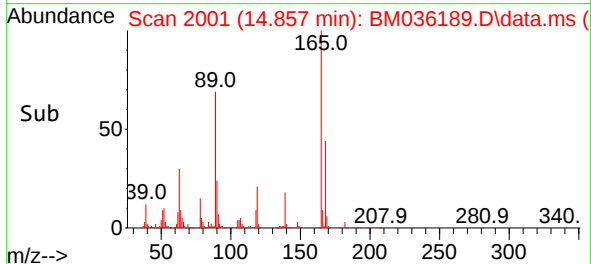
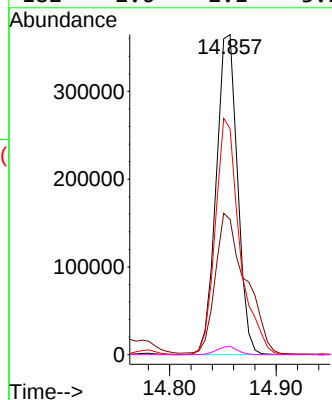
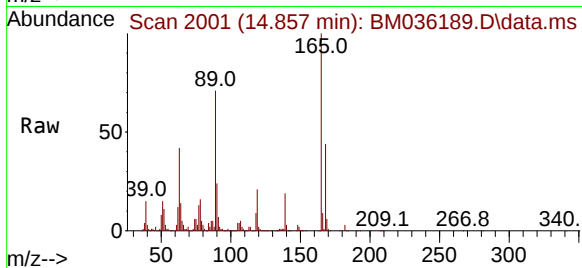




#57
2,4-Dinitrotoluene
Concen: 46.351 ng
RT: 14.857 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

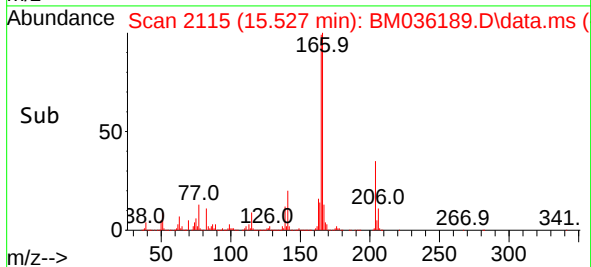
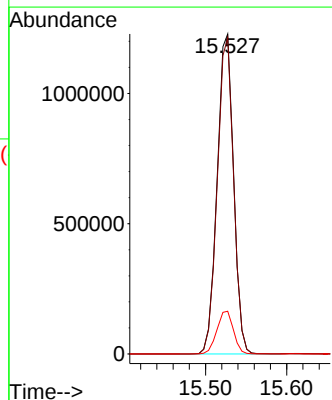
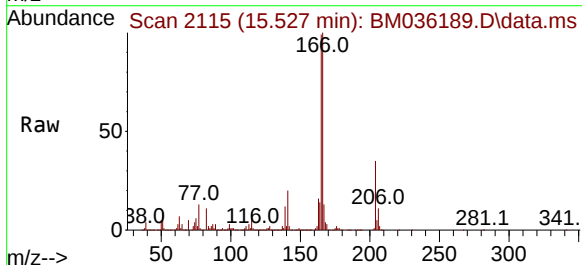
Instrument :
BNA_M
ClientSampleId :
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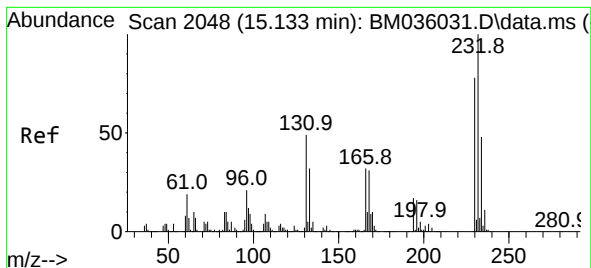
Tgt Ion:165 Resp: 506465
Ion Ratio Lower Upper
165 100
63 42.3 35.6 53.4
89 70.6 57.3 85.9
182 2.6 2.1 3.1



#58
Fluorene
Concen: 42.462 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:166 Resp: 1728445
Ion Ratio Lower Upper
166 100
165 98.8 79.4 119.2
167 13.3 10.6 16.0

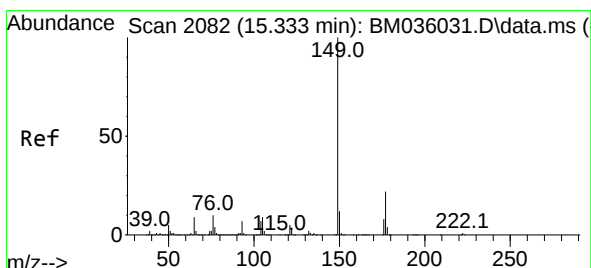
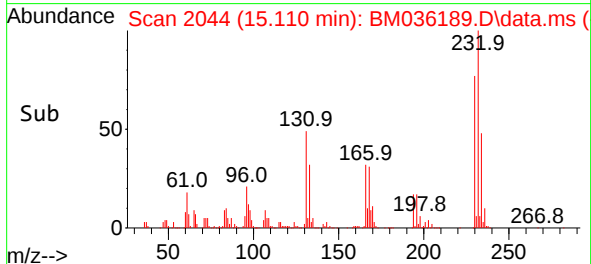
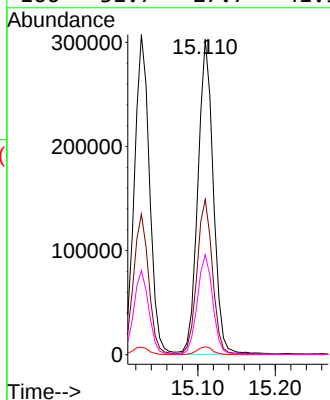
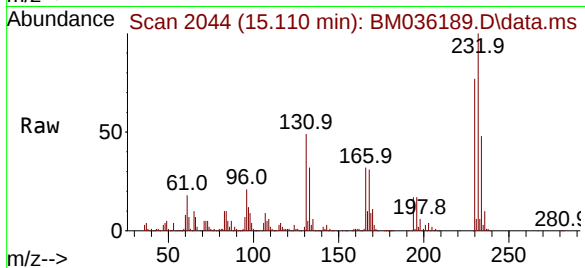




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.307 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

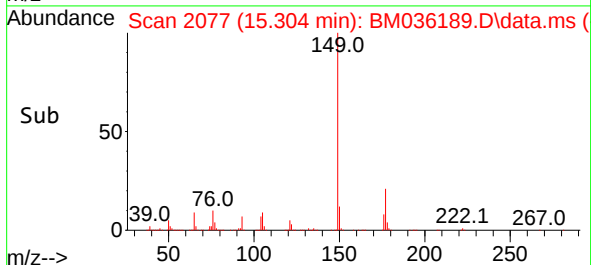
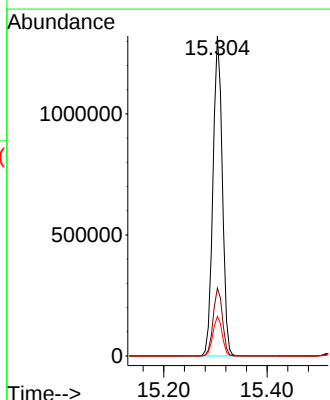
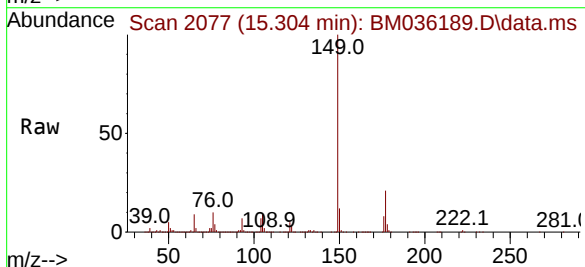
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ClientSampleId :
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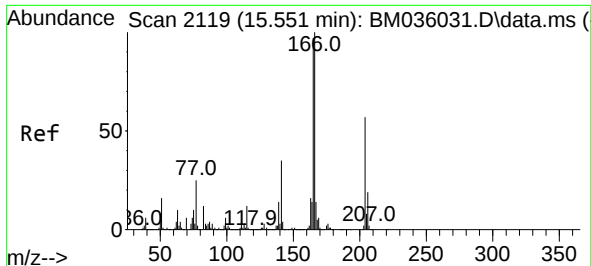
Tgt Ion:232 Resp: 416336
Ion Ratio Lower Upper
232 100
131 49.8 41.0 61.6
130 2.6 2.3 3.5
166 31.7 27.7 41.5



#60
Diethylphthalate
Concen: 38.788 ng
RT: 15.304 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:149 Resp: 1656193
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.4 10.1 15.1

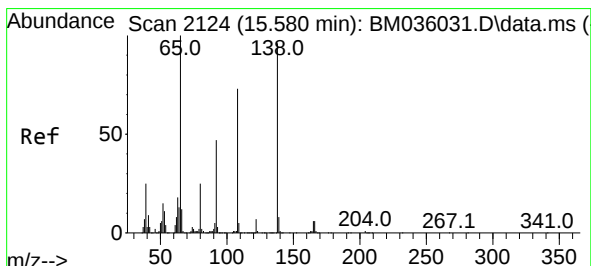
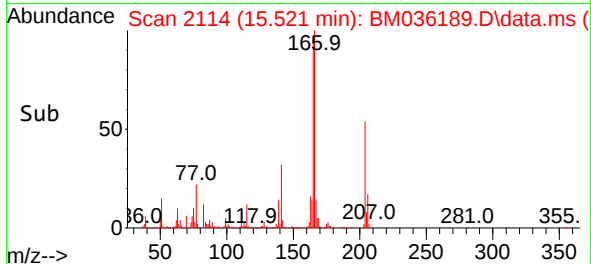
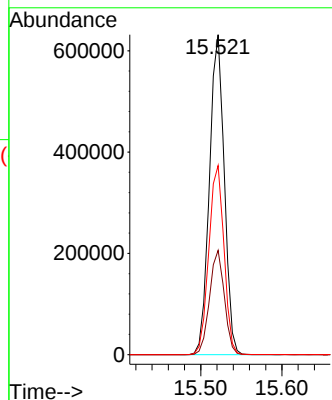
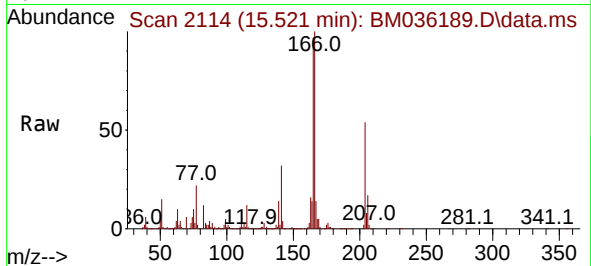




#61
4-Chlorophenyl-phenylether
Concen: 39.530 ng
RT: 15.521 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

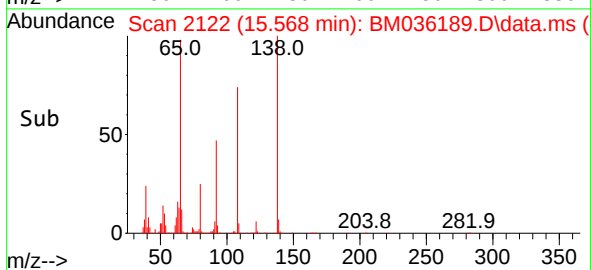
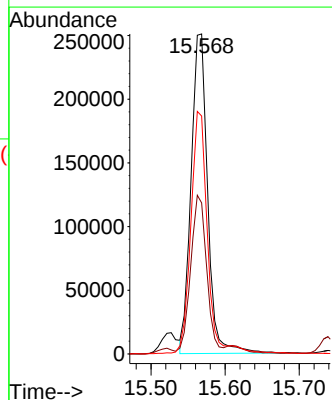
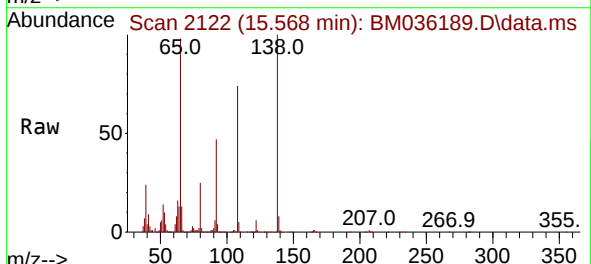
Instrument :
BNA_M
ClientSampleId :
PB146851BS

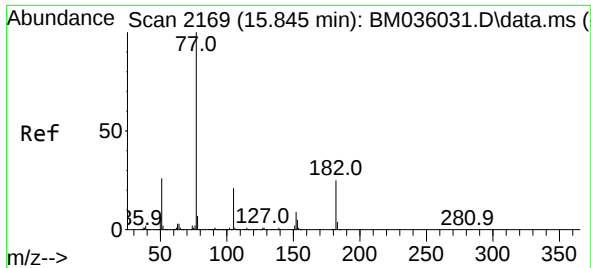
Tgt Ion:204 Resp: 802367
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 59.1 51.2 76.8



#62
4-Nitroaniline
Concen: 38.894 ng
RT: 15.568 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:138 Resp: 389167
Ion Ratio Lower Upper
138 100
92 47.2 30.8 70.8
108 74.4 65.7 105.7

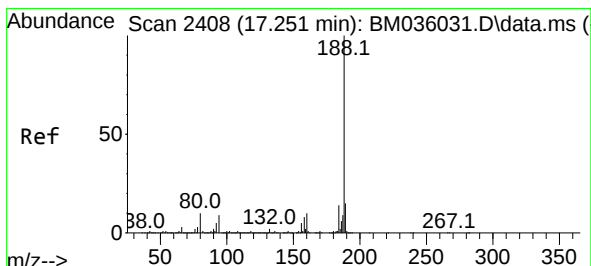
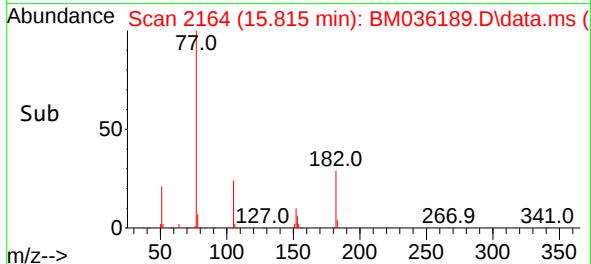
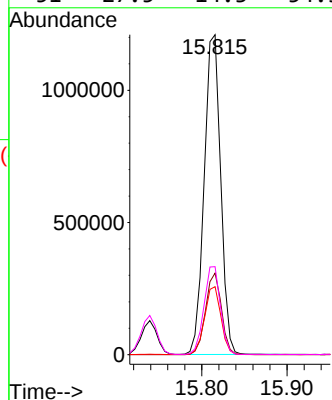
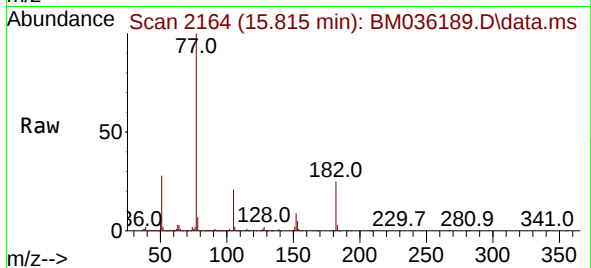




#63
Azobenzene
Concen: 39.970 ng
RT: 15.815 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

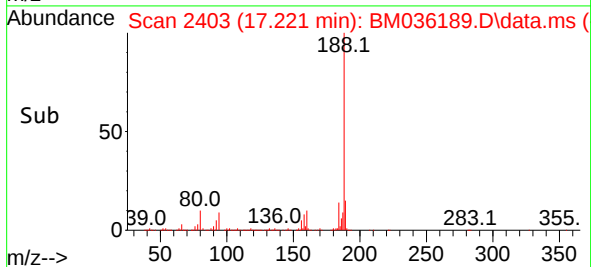
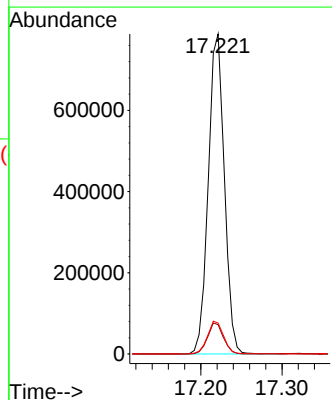
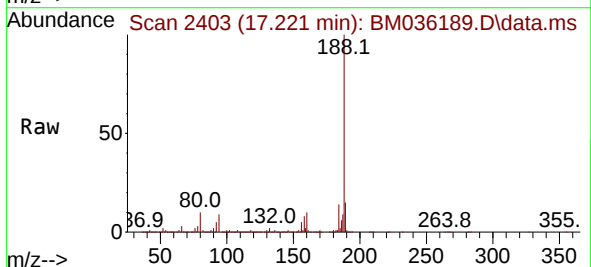
Instrument :
BNA_M
ClientSampleId :
PB146851BS

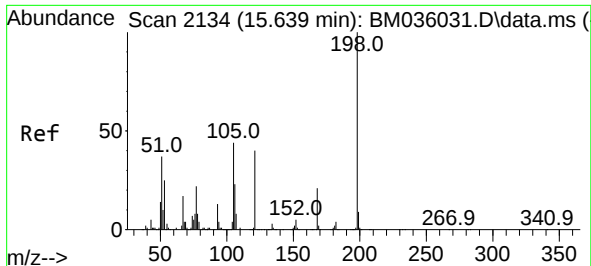
Tgt Ion: 77 Resp: 1622416
Ion Ratio Lower Upper
77 100
182 25.5 4.9 44.9
105 21.2 0.0 39.6
51 27.5 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:188 Resp: 1082783
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.6 7.6 11.4

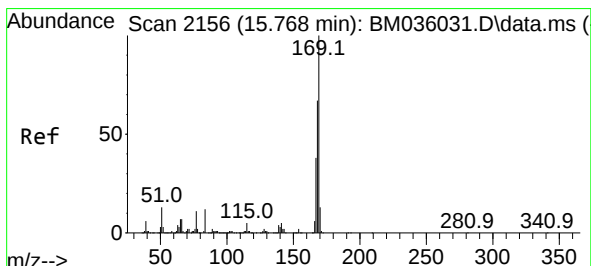
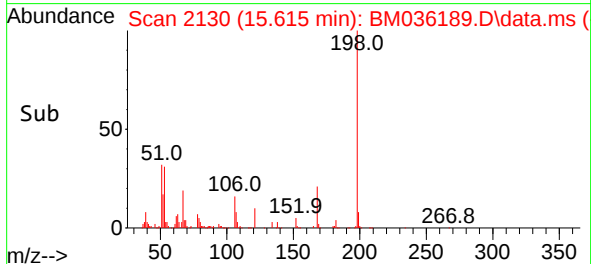
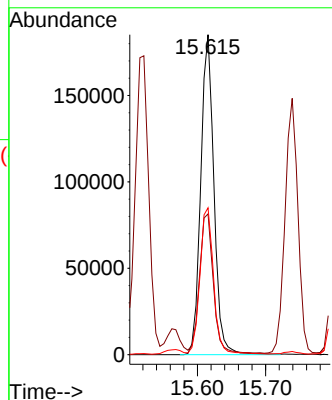
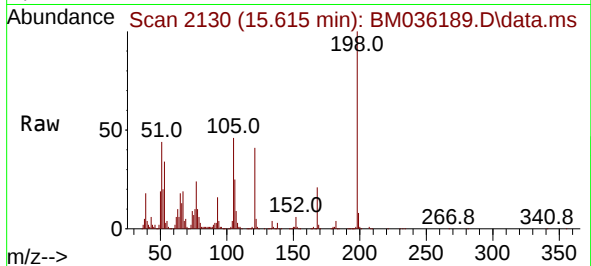




#65
4,6-Dinitro-2-methylphenol
Concen: 45.161 ng
RT: 15.615 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

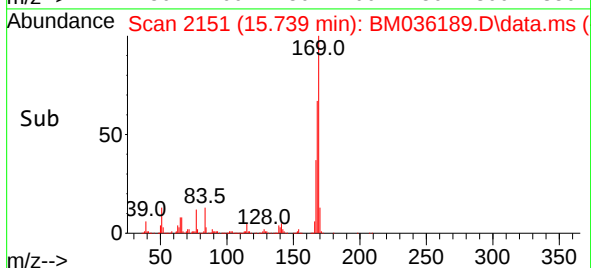
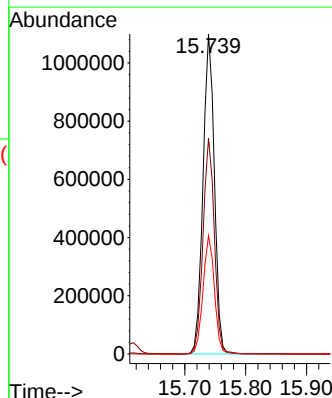
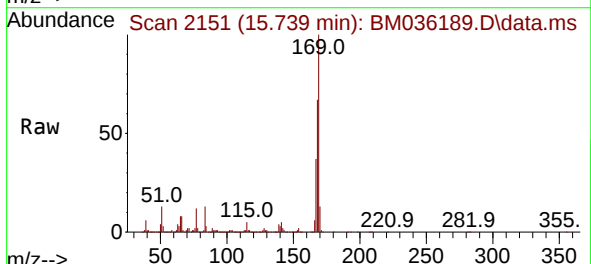
Instrument :
BNA_M
ClientSampleId :
PB146851BS

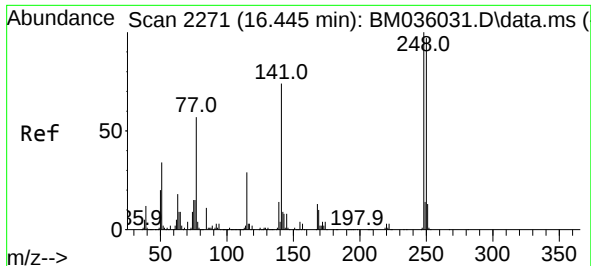
Tgt Ion:198 Resp: 250030
Ion Ratio Lower Upper
198 100
51 44.0 29.0 69.0
105 45.9 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 46.686 ng
RT: 15.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:169 Resp: 1427025
Ion Ratio Lower Upper
169 100
168 67.5 54.3 81.5
167 37.0 29.4 44.0

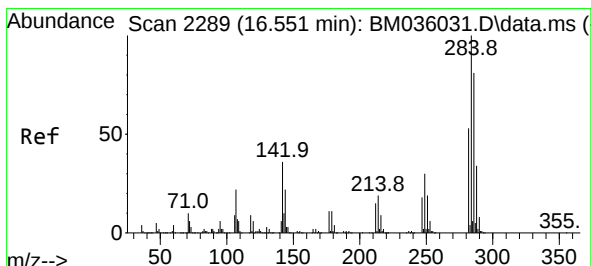
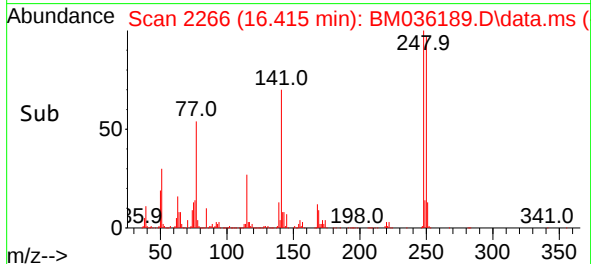
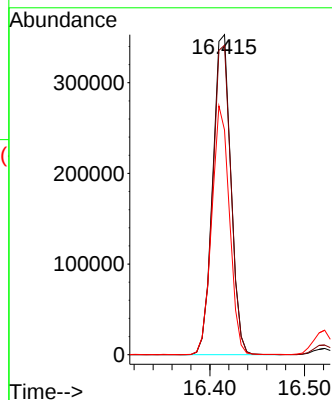
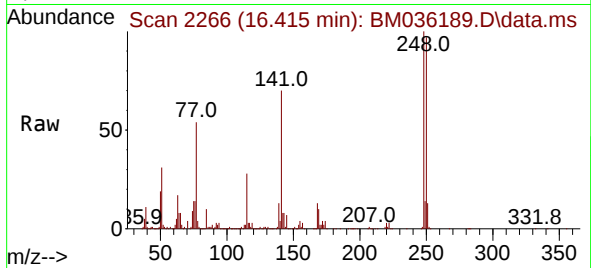




#67
4-Bromophenyl-phenylether
Concen: 43.292 ng
RT: 16.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

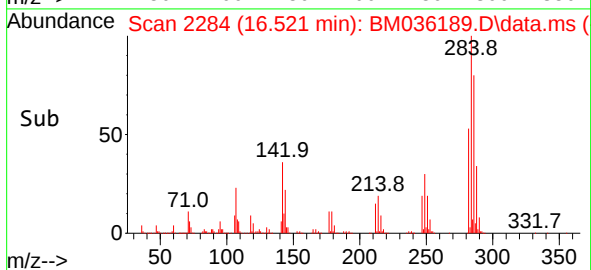
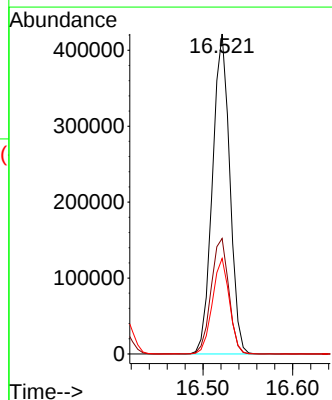
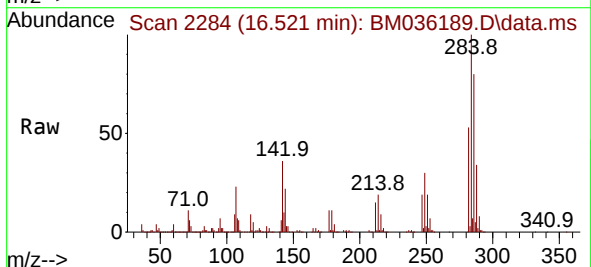
Instrument :
BNA_M
ClientSampleId :
PB146851BS

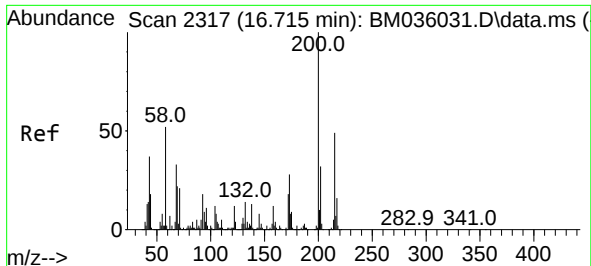
Tgt Ion:248 Resp: 468877
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 70.2 66.0 99.0



#68
Hexachlorobenzene
Concen: 45.424 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:284 Resp: 564478
Ion Ratio Lower Upper
284 100
142 36.1 33.6 50.4
249 29.8 26.2 39.2

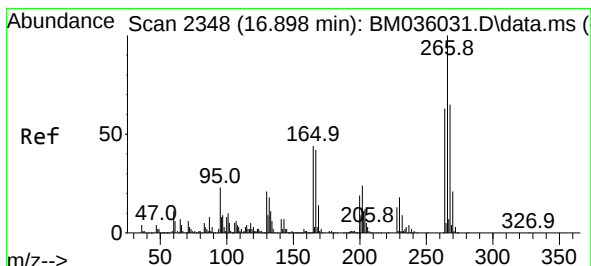
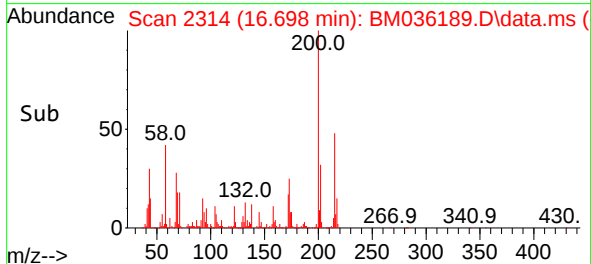
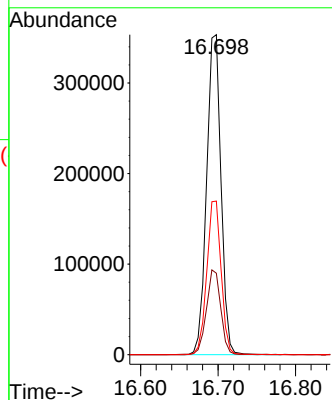
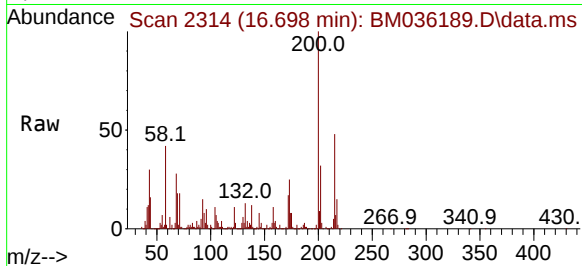




#69
 Atrazine
 Concen: 53.241 ng
 RT: 16.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM036189.D
 Acq: 10 Aug 2022 13:08

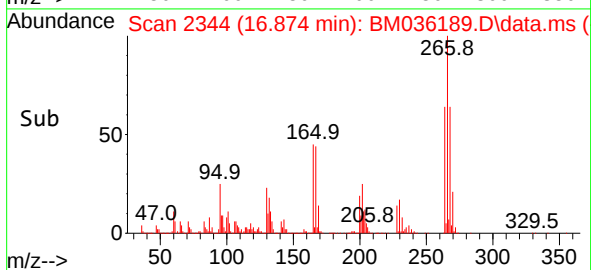
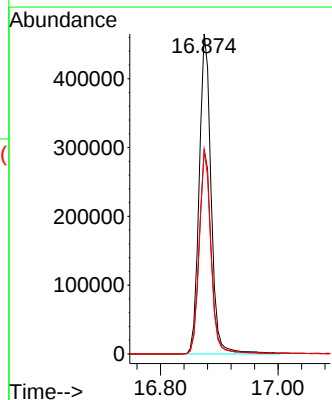
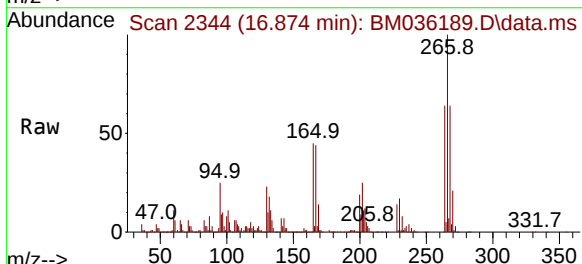
Instrument :
 BNA_M
 ClientSampleId :
 PB146851BS

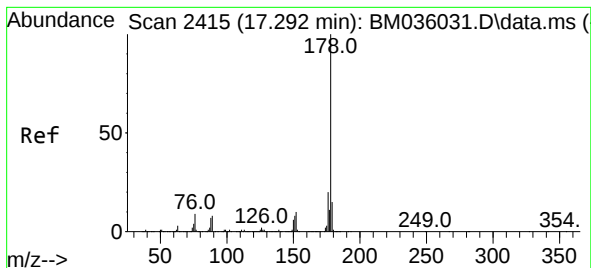
Tgt Ion:200 Resp: 455364
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.6 46.6
 215 48.0 26.2 66.2



#70
 Pentachlorophenol
 Concen: 89.770 ng
 RT: 16.874 min Scan# 2344
 Delta R.T. -0.000 min
 Lab File: BM036189.D
 Acq: 10 Aug 2022 13:08

Tgt Ion:266 Resp: 653345
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.9 77.9
 264 63.6 50.6 76.0





#71

Phenanthrene

Concen: 45.168 ng

RT: 17.262 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Instrument :

BNA_M

ClientSampleId :

PB146851BS

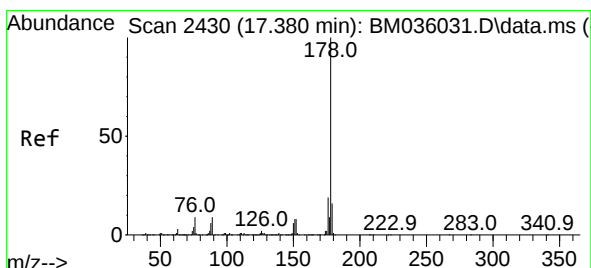
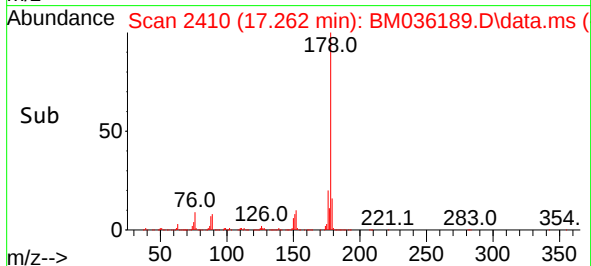
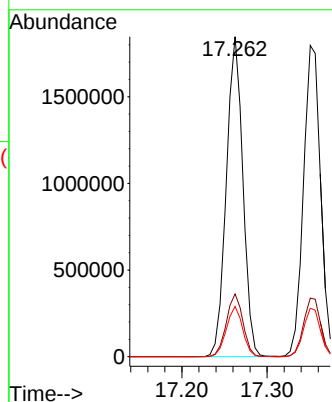
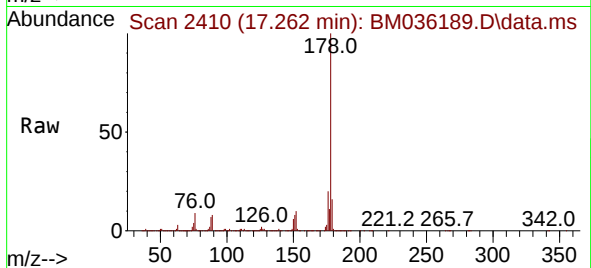
Tgt Ion:178 Resp: 2491620

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.7 12.4 18.6



#72

Anthracene

Concen: 47.036 ng

RT: 17.351 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

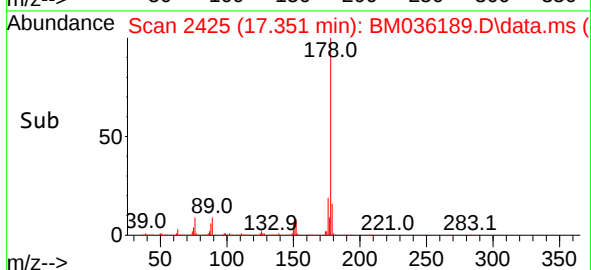
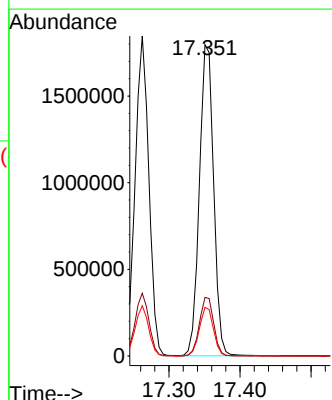
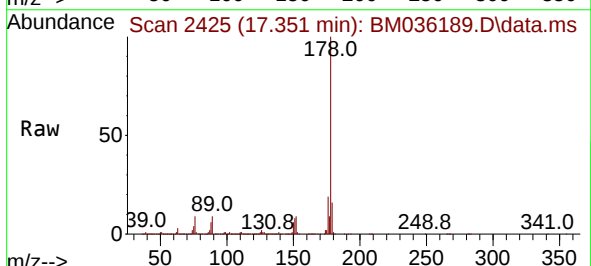
Tgt Ion:178 Resp: 2512012

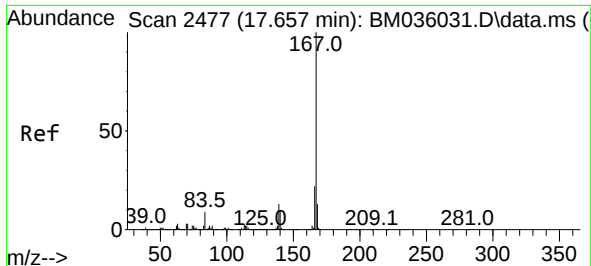
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.6 12.2 18.2

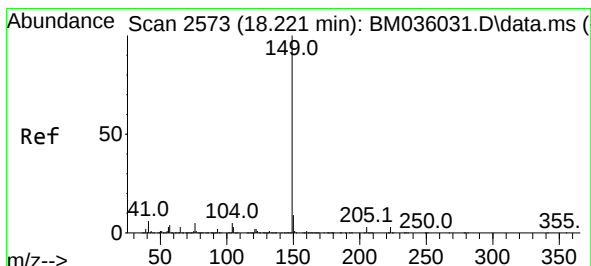
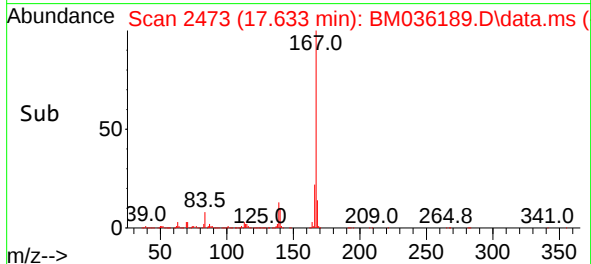
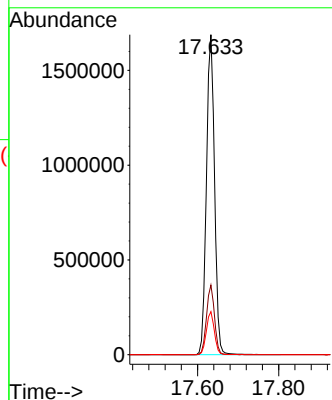
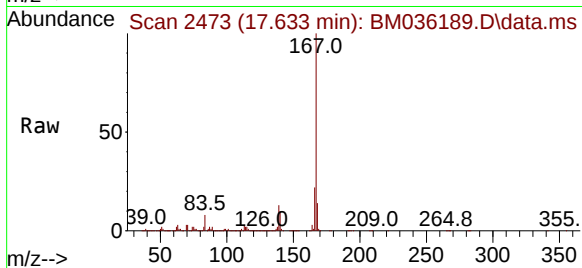




#73
 Carbazole
 Concen: 43.112 ng
 RT: 17.633 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM036189.D
 Acq: 10 Aug 2022 13:08

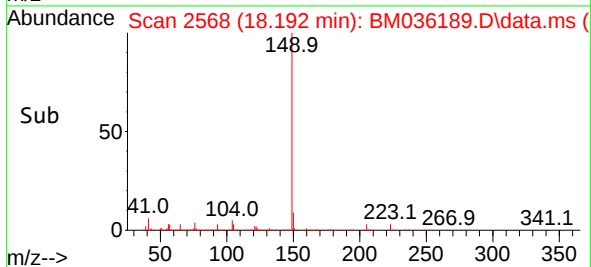
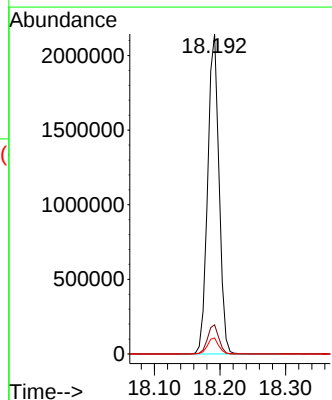
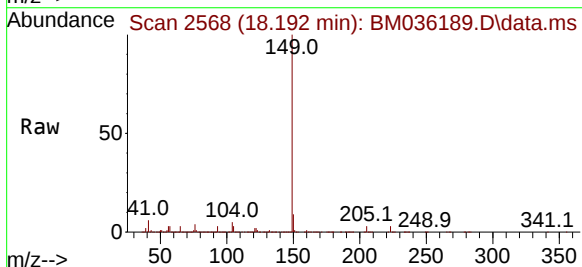
Instrument :
 BNA_M
 ClientSampleId :
 PB146851BS

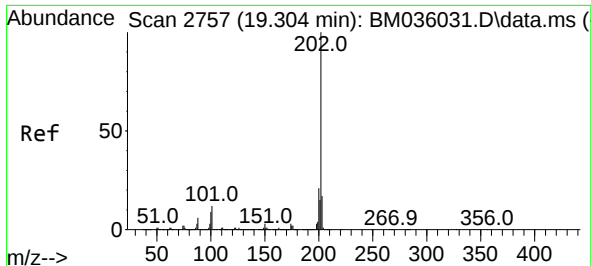
Tgt Ion:167 Resp: 2332919
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.874 ng
 RT: 18.192 min Scan# 2568
 Delta R.T. 0.006 min
 Lab File: BM036189.D
 Acq: 10 Aug 2022 13:08

Tgt Ion:149 Resp: 2575737
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.0 4.3 6.5

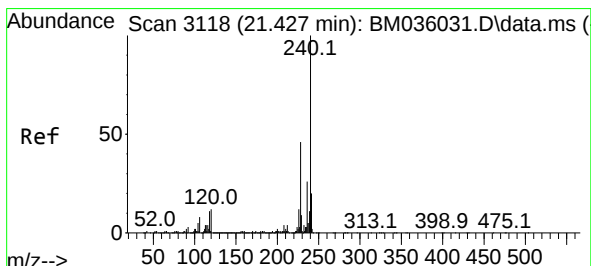
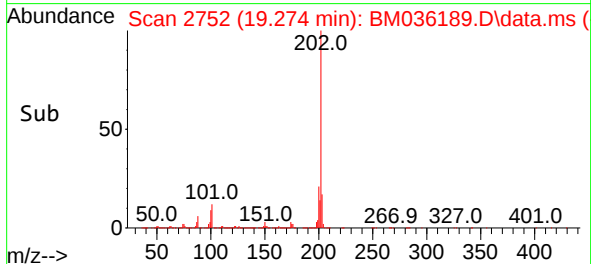
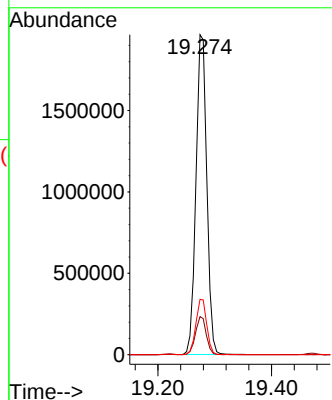
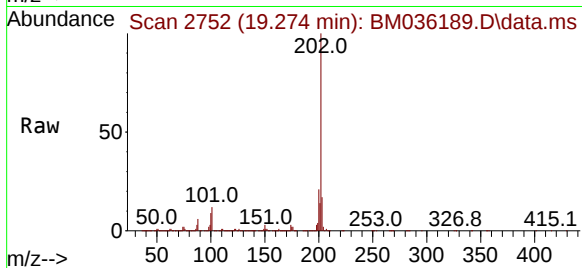




#75
Fluoranthene
Concen: 42.354 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

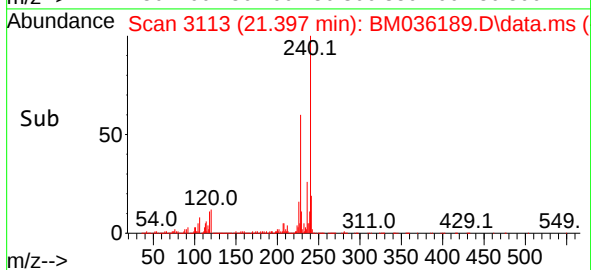
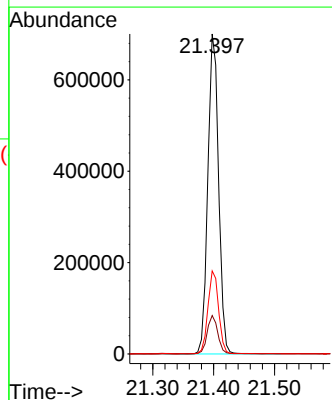
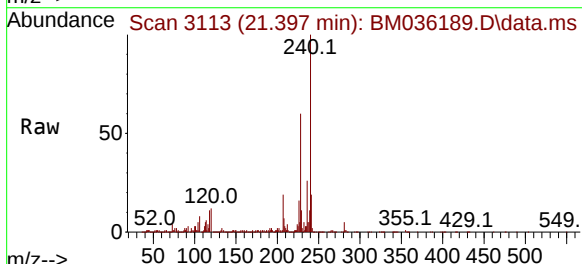
Instrument :
BNA_M
ClientSampleId :
PB146851BS

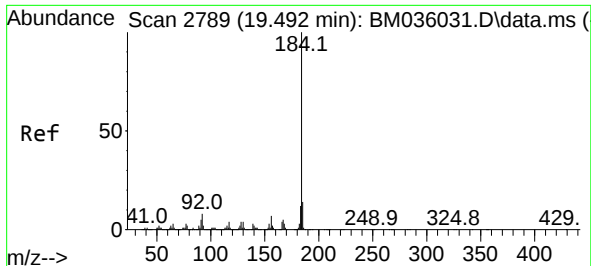
Tgt Ion:202 Resp: 2615327
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.6
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:240 Resp: 860082
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.0
236 26.0 20.6 30.8

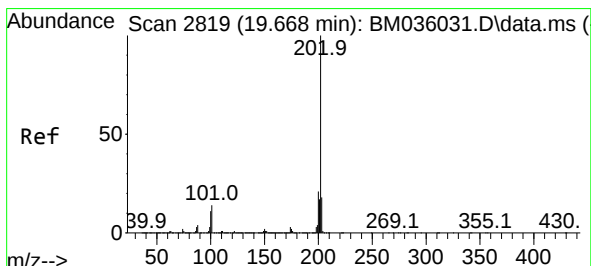
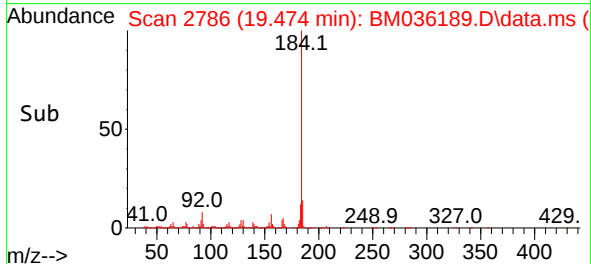
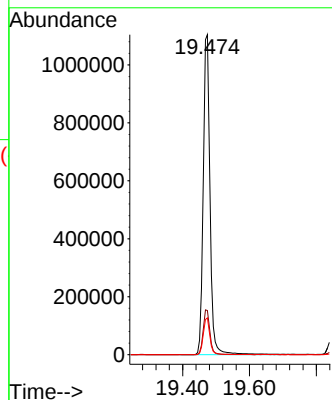
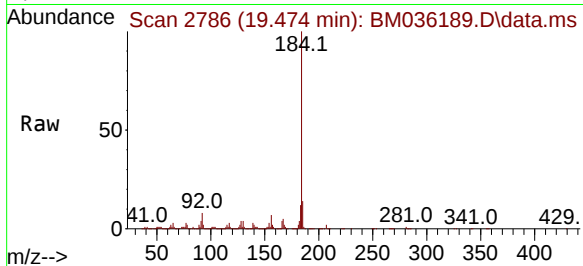




#77
Benzidine
Concen: 120.132 ng
RT: 19.474 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

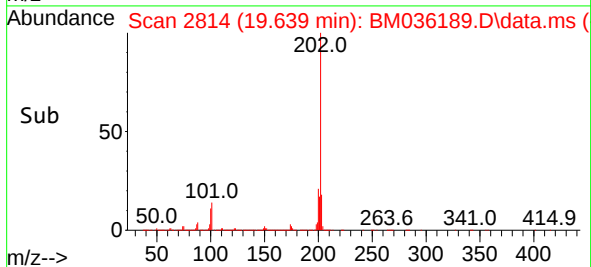
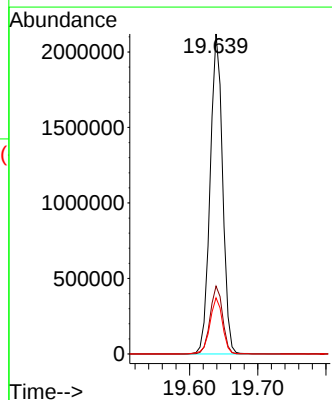
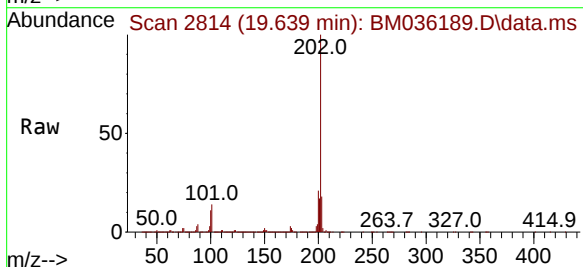
Instrument :
BNA_M
ClientSampleId :
PB146851BS

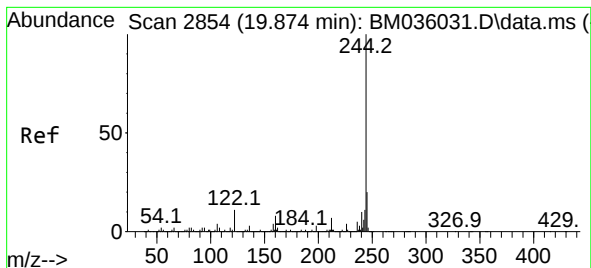
Tgt Ion:184 Resp: 1549550
Ion Ratio Lower Upper
184 100
185 13.8 11.3 16.9
183 11.5 9.5 14.3



#78
Pyrene
Concen: 50.467 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:202 Resp: 2691609
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 95.225 ng

RT: 19.845 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Instrument :

BNA_M

ClientSampleId :

PB146851BS

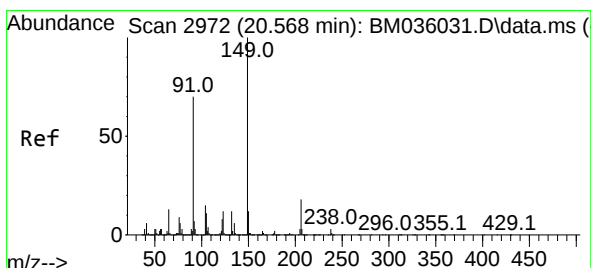
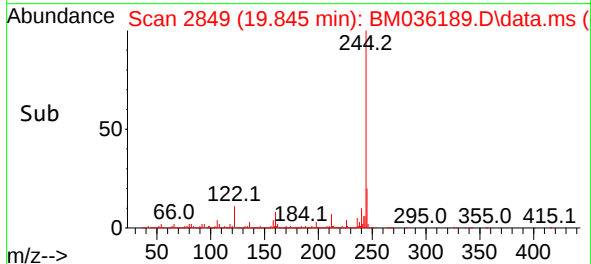
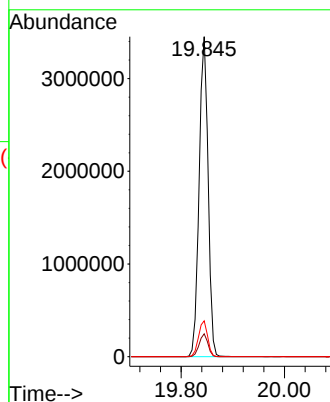
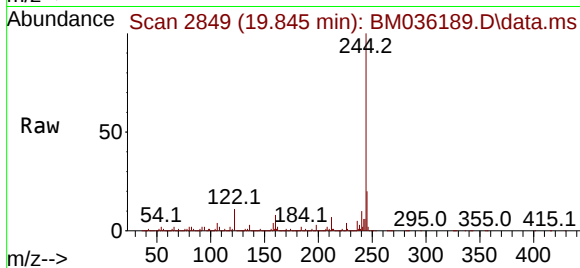
Tgt Ion:244 Resp: 4152257

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 11.2 8.3 12.5



#80

Butylbenzylphthalate

Concen: 45.559 ng

RT: 20.539 min Scan# 2967

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

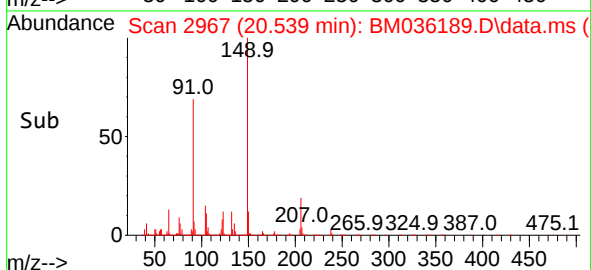
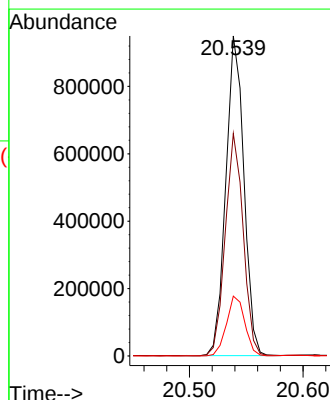
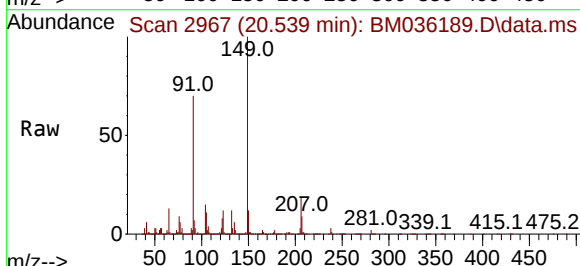
Tgt Ion:149 Resp: 1048731

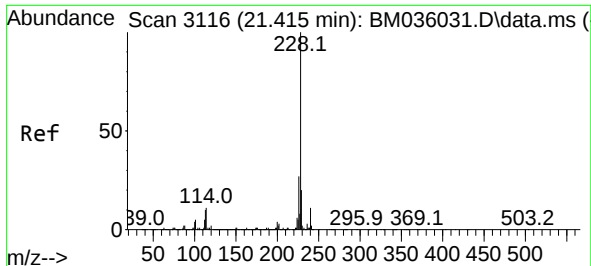
Ion Ratio Lower Upper

149 100

91 69.5 56.6 85.0

206 18.7 15.4 23.0

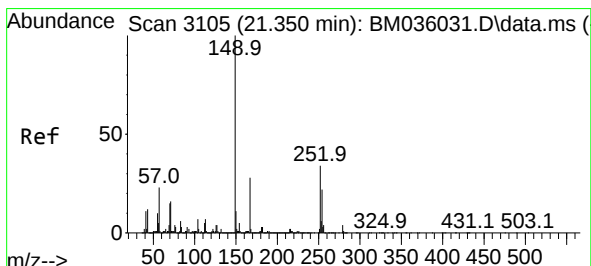
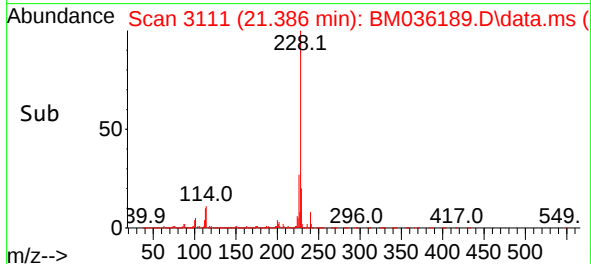
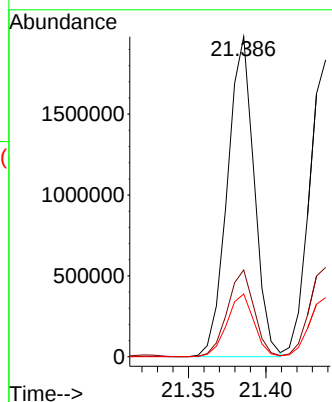
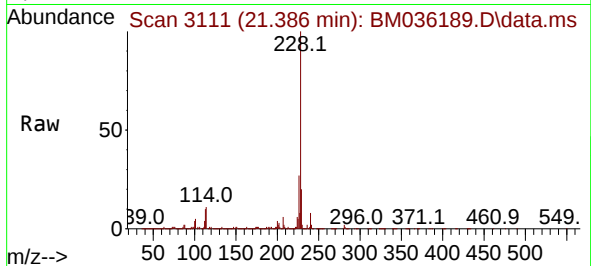




#81
Benzo(a)anthracene
Concen: 44.850 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

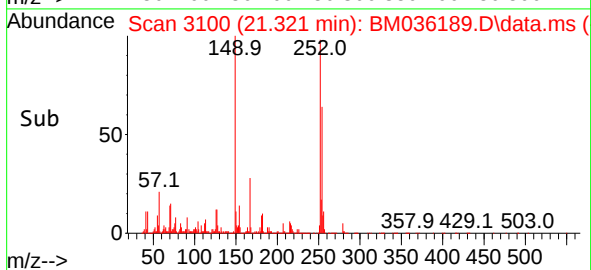
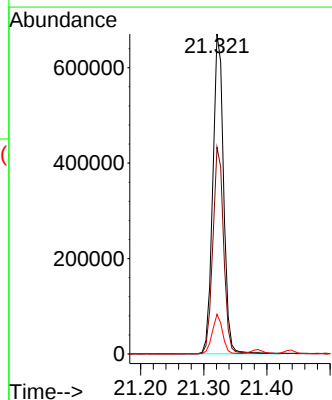
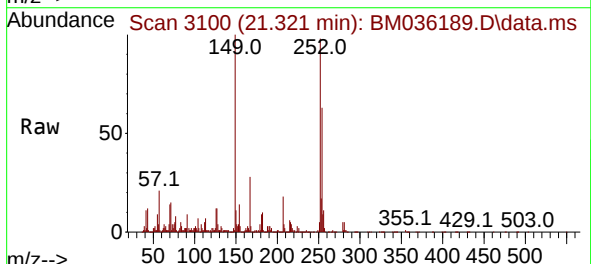
Instrument :
BNA_M
ClientSampleId :
PB146851BS

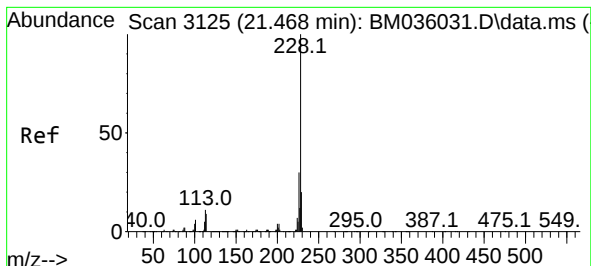
Tgt Ion:228 Resp: 2375948
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 61.960 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:252 Resp: 797013
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 12.4 9.4 14.0





#83

Chrysene

Concen: 44.152 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Instrument :

BNA_M

ClientSampleId :

PB146851BS

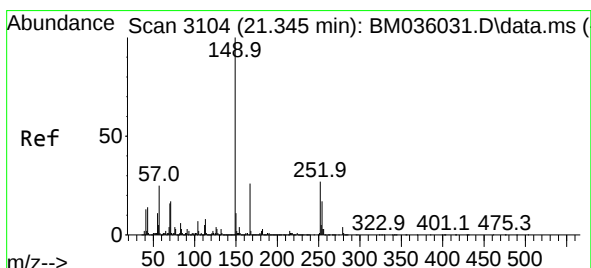
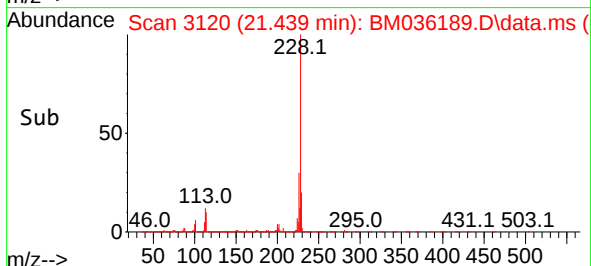
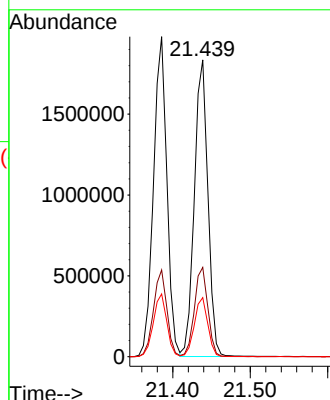
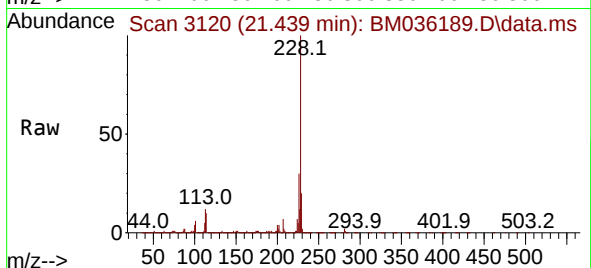
Tgt Ion:228 Resp: 2223433

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.559 ng

RT: 21.315 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

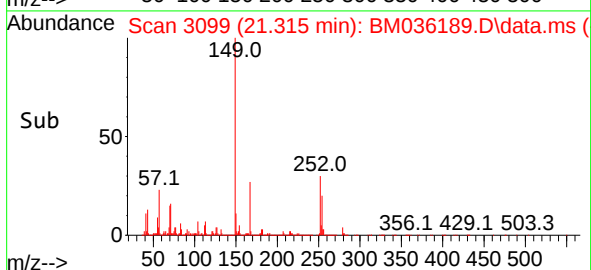
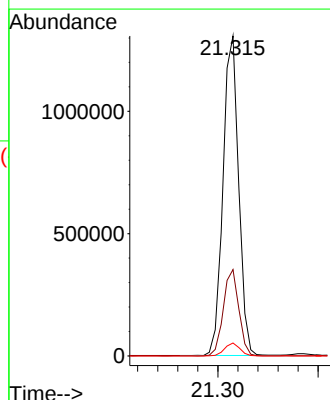
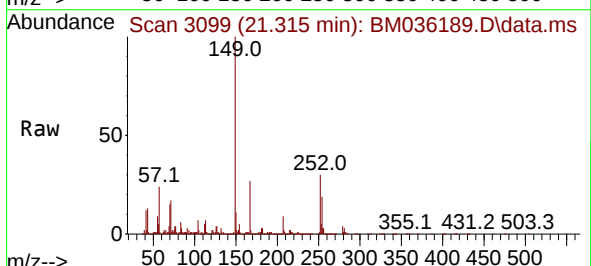
Tgt Ion:149 Resp: 1408523

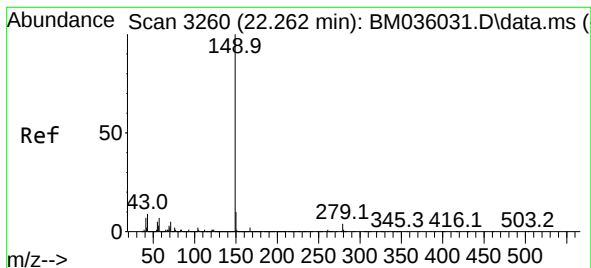
Ion Ratio Lower Upper

149 100

167 27.0 21.1 31.7

279 4.1 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 40.119 ng

RT: 22.221 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Instrument :

BNA_M

ClientSampleId :

PB146851BS

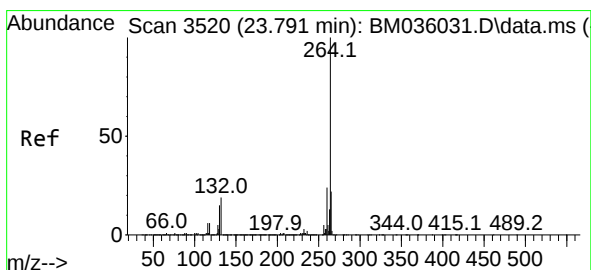
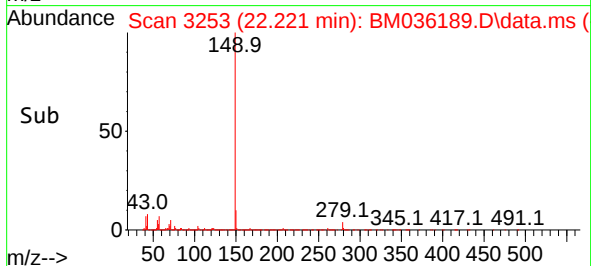
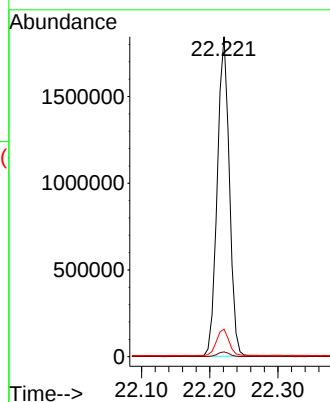
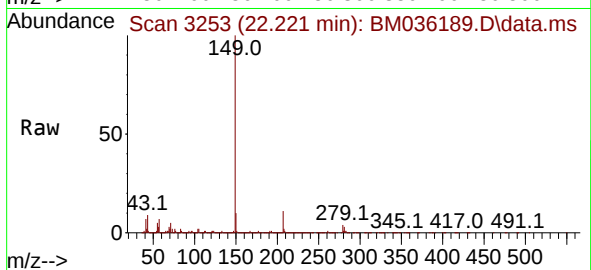
Tgt Ion:149 Resp: 2273812

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.5 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.744 min Scan# 3512

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

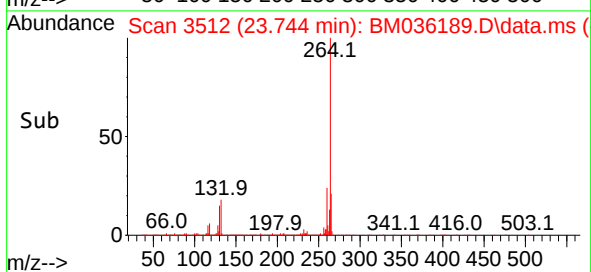
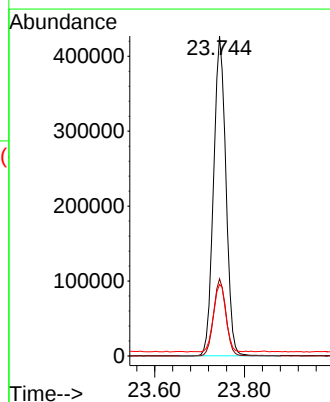
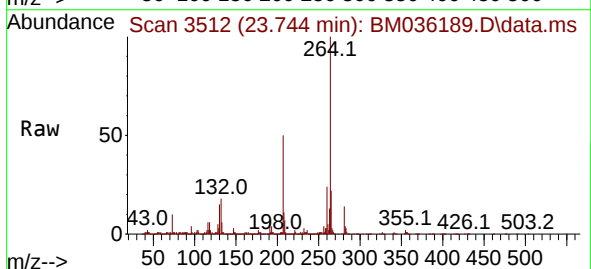
Tgt Ion:264 Resp: 814056

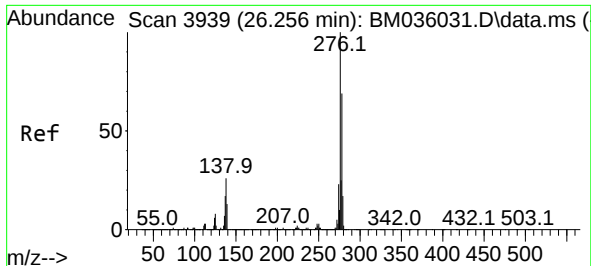
Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.4 17.5 26.3

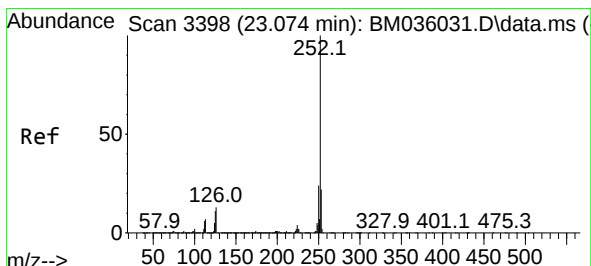
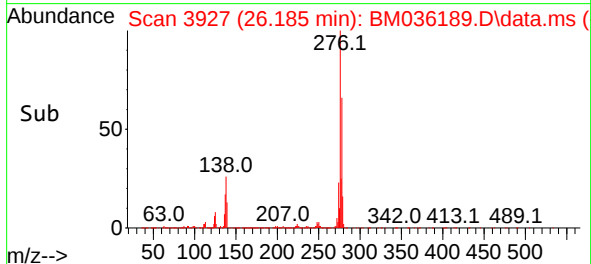
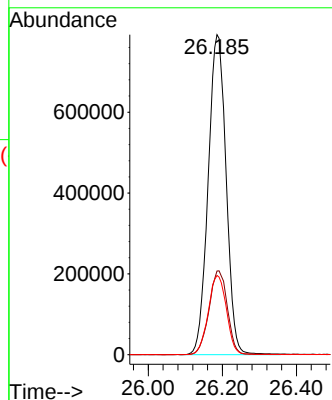
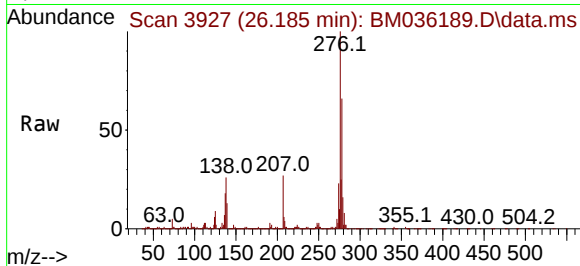




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.511 ng
RT: 26.185 min Scan# 3927
Delta R.T. -0.006 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

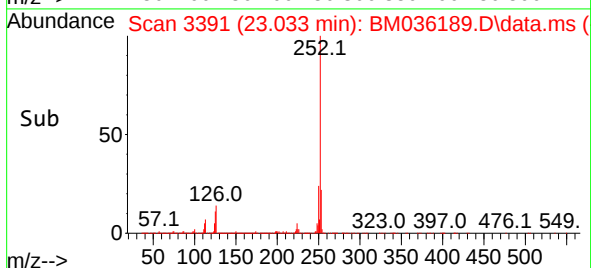
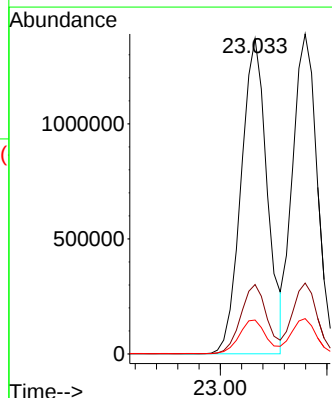
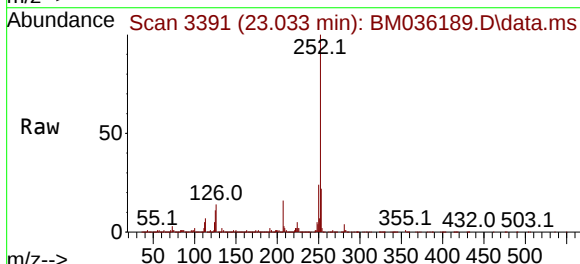
Instrument :
BNA_M
ClientSampleId :
PB146851BS

Tgt Ion:276 Resp: 2660749
Ion Ratio Lower Upper
276 100
138 26.7 20.2 30.4
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 48.964 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:252 Resp: 2335312
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.8 7.6 11.4

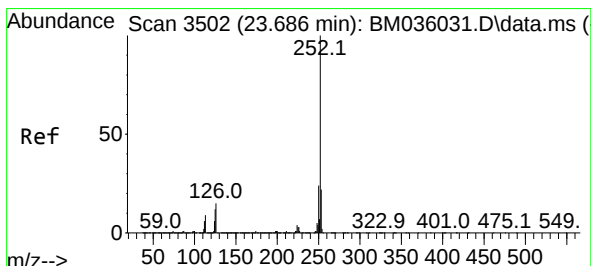
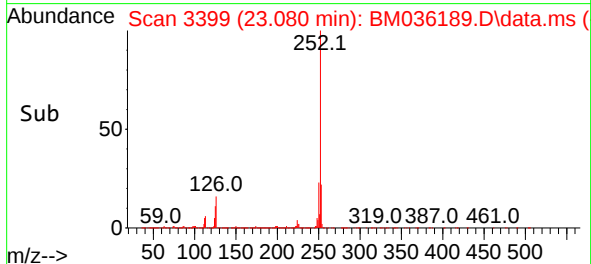
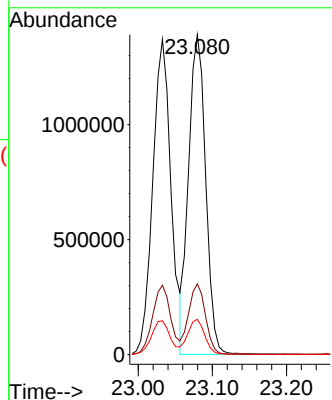
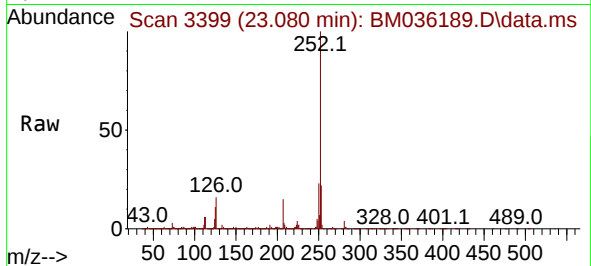




#89
Benzo(k)fluoranthene
Concen: 46.211 ng
RT: 23.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

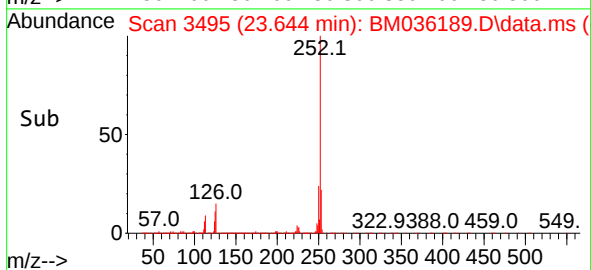
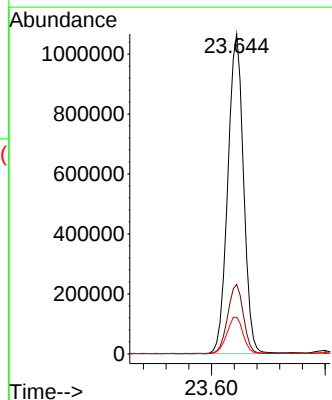
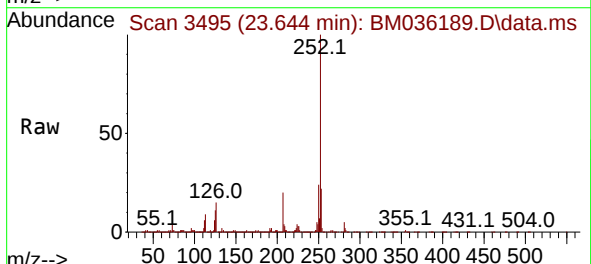
Instrument :
BNA_M
ClientSampleId :
PB146851BS

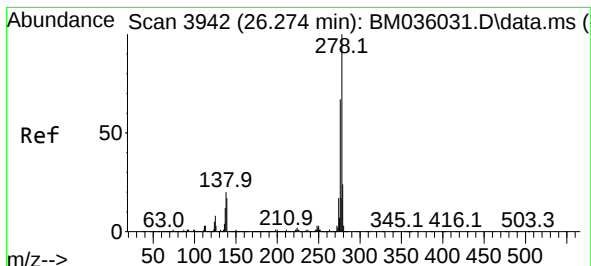
Tgt Ion:252 Resp: 2226077
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.1 7.6 11.4



#90
Benzo(a)pyrene
Concen: 51.096 ng
RT: 23.644 min Scan# 3495
Delta R.T. -0.000 min
Lab File: BM036189.D
Acq: 10 Aug 2022 13:08

Tgt Ion:252 Resp: 2044702
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 11.5 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 48.639 ng

RT: 26.203 min Scan# 3942

Delta R.T. -0.000 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Instrument :

BNA_M

ClientSampleId :

PB146851BS

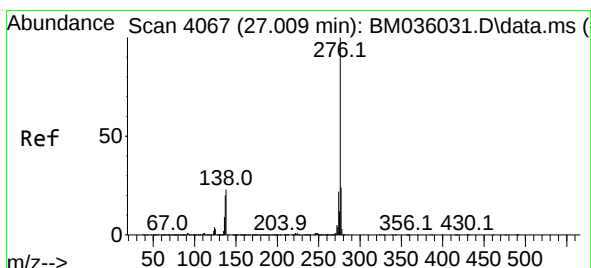
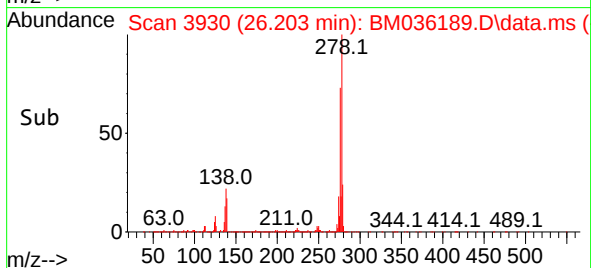
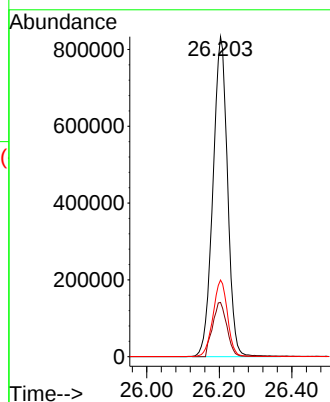
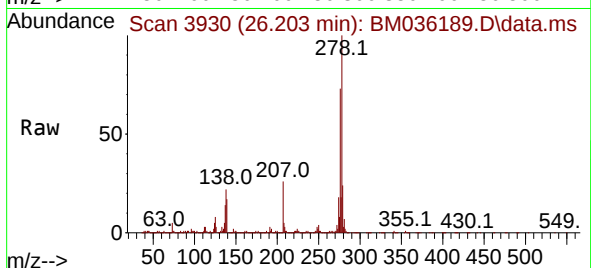
Tgt Ion:278 Resp: 2329113

Ion Ratio Lower Upper

278 100

139 16.9 12.9 19.3

279 23.9 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 50.618 ng

RT: 26.938 min Scan# 4055

Delta R.T. -0.006 min

Lab File: BM036189.D

Acq: 10 Aug 2022 13:08

Tgt Ion:276 Resp: 2346560

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 22.7 17.6 26.4

